



REPORT No. : SZ22050016W09

TEST REPORT

APPLICANT : WIKO SAS

PRODUCT NAME : Smart phone

MODEL NAME : VHEM-E04

BRAND NAME : WIKO

FCC ID : 2AM86VHEM-E04

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart F&L&M

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DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum E.R.P./E.I.R.P. and Emission Designator	6
1.4. Test Standards and Results	10
1.5. Environmental Conditions	11
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 F& L&M Requirements	12
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	12
2.2. Occupied Bandwidth	125
2.3. Frequency Stability	194
2.4. Peak to Average Ratio	199
2.5. Conducted Spurious Emissions	233
2.6. Band Edge	302
2.7. Radiated Spurious Emissions	341
Annex A Test Uncertainty	394
Annex B Testing Laboratory Information	395

Change History		
Version	Date	Reason for change
1.0	2022-06-13	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	WIKO SAS
Applicant Address:	132 Boulevard Michelet 13008 Marseille - France
Manufacturer:	WIKO SAS
Manufacturer Address:	132 Boulevard Michelet 13008 Marseille - France

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart phone	
Sample No.:	6#	
Hardware Version:	V0.4	
Software Version:	VHEM-V01.04-12.0-STS	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 13 / 26 / 38 / 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 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, 15 MHz, 20 MHz
	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 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	Top Antenna	
	LTE Band 2	-1.4dBi
	LTE Band 4	-2.9dBi
	LTE Band 5	-3.6dBi
	LTE Band 7	-1.4dBi
	LTE Band 13	-6.1dBi
	LTE Band 26	-3.6dBi
	LTE Band 38	-1.5dBi
	LTE Band 66	-2.9dBi
	Bottom Antenna	
	LTE Band 2	-3.8dBi
	LTE Band 4	-2.9dBi
	LTE Band 5	-9.2dBi
	LTE Band 7	-4.0dBi
	LTE Band 13	-10.0dBi
	LTE Band 26	-9.2dBi
	LTE Band 38	-3.5dBi
	LTE Band 66	-2.9dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	HB496590EFW-F
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	SCUD (Fujian) Electronics Co., Ltd.

Accessory Information:	AC Adapter	
	Brand Name:	WIKO
	Model No.:	SU1A24
	Serial No.:	N/A
	Rated Output:	5.0V=2.0A, 9.0V=2.0A, 10.0V=2.25A
	Rated Input:	100-240V~50/60Hz, 0.75A
	Manufacturer:	Shenzhen Huntkey Electric Co., Ltd.
	USB Cable 1	
	Model No.:	04072179
	Manufacturer:	Guangxi broad Telecommunication Co.,Ltd.
	USB Cable 2	
	Model No.:	04072295
	Manufacturer:	Guangdong Mingji Hi-Tech Electronics Co., Ltd
	USB Cable 3	
	Model No.:	18-93C2CHO-001HF
	Manufacturer:	Freeport Ji an Electronics Co.,Ltd
	USB Cable 4	
	Model No.:	L99UC131-CS-H
	Manufacturer:	LUXSHARE PRECISION INDUSTRY CO., LTD.
	USB Cable 5	
	Model No.:	CUDU01B-HC295-EH
	Manufacturer:	FUYU ELECTRONICAL TECHNOLOGY (HUAIAN) CO., LTD.

Note 1: The EUT supports top antenna and bottom antenna. For test item Radiated Power and Radiated Out of Band Emissions we recorded the test result of two antennas separately, for other test items both of the two antennas were tested separately, we only recorded the worst test results (Top Antenna) in this report.

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

Note 3: 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)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.142	0.123	0.100	0.082	0.071	0.058
15	0.142	0.121	0.102	0.081	0.069	0.058
10	0.139	0.123	0.100	0.080	0.071	0.057
5	0.140	0.121	0.096	0.080	0.069	0.055
3	0.140	0.123	0.096	0.080	0.071	0.055
1.4	0.142	0.123	0.098	0.082	0.071	0.056
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.100	0.079	0.068	0.100	0.079	0.068
15	0.099	0.078	0.067	0.099	0.078	0.067
10	0.099	0.078	0.068	0.099	0.078	0.068
5	0.098	0.078	0.067	0.098	0.078	0.067
3	0.098	0.079	0.066	0.098	0.079	0.066
1.4	0.099	0.077	0.066	0.099	0.077	0.066
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.052	0.042	0.034	0.014	0.012	0.009
5	0.051	0.041	0.034	0.014	0.011	0.009
3	0.051	0.041	0.034	0.014	0.011	0.009
1.4	0.051	0.041	0.035	0.014	0.011	0.010
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.141	0.114	0.094	0.077	0.063	0.052
15	0.138	0.112	0.093	0.076	0.061	0.051
10	0.140	0.114	0.094	0.077	0.063	0.052
5	0.140	0.112	0.093	0.077	0.062	0.051



LTE Band 13	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.029	0.023	0.019	0.012	0.010	0.008
5	0.029	0.023	0.019	0.012	0.010	0.008
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.053	0.042	0.035	0.015	0.012	0.010
10	0.052	0.041	0.034	0.014	0.011	0.009
5	0.051	0.040	0.033	0.014	0.011	0.009
3	0.050	0.040	0.033	0.014	0.011	0.009
1.4	0.050	0.039	0.033	0.014	0.011	0.009
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.122	0.098	0.081	0.077	0.062	0.051
15	0.120	0.097	0.079	0.076	0.061	0.050
10	0.121	0.097	0.079	0.077	0.061	0.050
5	0.120	0.095	0.080	0.076	0.060	0.050
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.101	0.080	0.066	0.101	0.080	0.066
15	0.100	0.079	0.066	0.100	0.079	0.066
10	0.100	0.079	0.066	0.100	0.079	0.066
5	0.100	0.079	0.066	0.100	0.079	0.066
3	0.098	0.077	0.065	0.098	0.077	0.065
1.4	0.098	0.078	0.065	0.098	0.078	0.065



LTE B2	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M49G7D	4M51W7D	4M50W7D
10	9M02G7D	8M97W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B4	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M02G7D	8M98W7D	8M98W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B5	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M50G7D	4M50W7D	4M50W7D
10	9M00G7D	8M97W7D	8M99W7D
LTE B7	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M51W7D	4M51W7D
10	9M01G7D	8M98W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B13	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M51G7D	4M51W7D	4M52W7D
10	9M04G7D	8M98W7D	9M01W7D



LTE B26	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M50G7D	4M50W7D	4M51W7D
10	9M00G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
LTE B38	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M51W7D	4M52W7D
10	8M99G7D	8M98W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B66	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M52G7D	4M52W7D	4M53W7D
10	9M03G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24 and 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.	May 30, 2022	Yu Xiaoming Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May 26&27, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May 27, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	May 26, 2022	Li Huaijie	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	May 26&27&30, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2)	Band Edge	May 25&26&27, 2022	Li Huaijie	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	May 30, 2022 Jun. 01, 2022	Su Zhan	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: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.

Note 3: 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 4: 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.

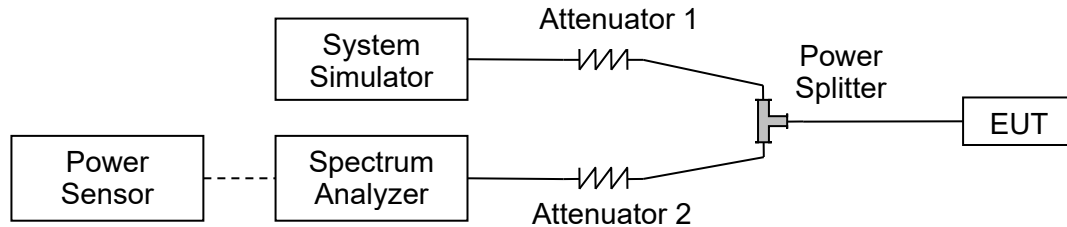
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section 22.913 (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, 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.

$E.I.R.P. (dBm) = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

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

**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	22.88	22.93	22.86
20	QPSK	1	49	22.86	22.90	22.82
20	QPSK	1	99	22.74	22.55	22.57
20	QPSK	50	0	21.98	22.08	22.02
20	QPSK	50	24	21.96	22.04	22.00
20	QPSK	50	50	21.95	22.01	21.95
20	QPSK	100	0	22.02	22.06	21.98
20	16QAM	1	0	22.25	22.31	22.21
20	16QAM	1	49	22.22	22.28	22.17
20	16QAM	1	99	22.15	22.19	22.16
20	16QAM	50	0	21.05	21.08	21.03
20	16QAM	50	24	21.03	21.04	21.01
20	16QAM	50	50	20.96	20.97	20.88
20	16QAM	100	0	20.97	21.00	20.96
20	64QAM	1	0	21.36	21.42	21.27
20	64QAM	1	49	21.34	21.35	21.29
20	64QAM	1	99	21.14	21.18	21.13
20	64QAM	50	0	20.22	20.27	20.24
20	64QAM	50	24	20.20	20.23	20.20
20	64QAM	50	50	20.16	20.21	20.19
20	64QAM	100	0	20.13	20.20	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				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.83	22.91	22.79
15	QPSK	1	37	22.75	22.77	22.70
15	QPSK	1	74	22.63	22.54	22.43
15	QPSK	36	0	21.89	22.01	21.93
15	QPSK	36	20	21.91	21.91	21.99
15	QPSK	36	39	21.90	21.92	21.91
15	QPSK	75	0	21.94	22.03	21.87
15	16QAM	1	0	22.19	22.16	22.13
15	16QAM	1	37	22.08	22.21	22.03
15	16QAM	1	74	22.02	22.07	22.07
15	16QAM	36	0	21.00	20.97	20.96
15	16QAM	36	20	20.99	20.91	20.98
15	16QAM	36	39	20.92	20.92	20.77
15	16QAM	75	0	20.90	20.94	20.84
15	64QAM	1	0	21.47	21.45	21.36
15	64QAM	1	37	21.37	21.34	21.40
15	64QAM	1	74	21.21	21.21	21.15
15	64QAM	36	0	20.22	20.38	20.26
15	64QAM	36	20	20.25	20.23	20.18
15	64QAM	36	39	20.17	20.20	20.20
15	64QAM	75	0	20.12	20.26	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				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.80	22.79	22.75
10	QPSK	1	25	22.81	22.84	22.72
10	QPSK	1	49	22.60	22.51	22.43
10	QPSK	25	0	21.94	22.05	21.95
10	QPSK	25	12	21.93	21.90	21.86
10	QPSK	25	25	21.88	21.88	21.81
10	QPSK	50	0	21.92	22.03	21.89
10	16QAM	1	0	22.16	22.30	22.13
10	16QAM	1	25	22.14	22.26	22.02
10	16QAM	1	49	22.04	22.11	22.10
10	16QAM	25	0	20.93	20.94	20.88
10	16QAM	25	12	20.95	20.97	20.98
10	16QAM	25	25	20.86	20.85	20.86
10	16QAM	50	0	20.95	20.85	20.91
10	64QAM	1	0	21.35	21.39	21.25
10	64QAM	1	25	21.38	21.34	21.30
10	64QAM	1	49	21.18	21.15	21.12
10	64QAM	25	0	20.31	20.25	20.33
10	64QAM	25	12	20.17	20.28	20.27
10	64QAM	25	25	20.11	20.25	20.16
10	64QAM	50	0	20.15	20.17	20.19



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	22.78	22.81	22.85
5	QPSK	1	12	22.79	22.83	22.78
5	QPSK	1	24	22.69	22.46	22.53
5	QPSK	12	0	21.87	22.00	21.98
5	QPSK	12	7	21.83	22.02	21.88
5	QPSK	12	13	21.83	22.00	21.80
5	QPSK	25	0	21.97	21.97	21.92
5	16QAM	1	0	22.14	22.16	22.09
5	16QAM	1	12	22.20	22.21	22.16
5	16QAM	1	24	22.14	22.08	22.04
5	16QAM	12	0	20.95	21.04	20.93
5	16QAM	12	7	20.96	21.01	20.86
5	16QAM	12	13	20.95	20.93	20.73
5	16QAM	25	0	20.82	20.89	20.89
5	64QAM	1	0	21.15	21.21	21.06
5	64QAM	1	12	21.22	21.21	21.11
5	64QAM	1	24	20.98	21.08	20.95
5	64QAM	12	0	20.12	20.12	20.03
5	64QAM	12	7	20.10	19.99	20.09
5	64QAM	12	13	19.92	20.00	20.08
5	64QAM	25	0	19.93	20.02	20.01



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	22.84	22.84	22.72
3	QPSK	1	8	22.76	22.85	22.75
3	QPSK	1	14	22.63	22.50	22.48
3	QPSK	8	0	21.86	21.94	21.89
3	QPSK	8	4	21.95	21.90	21.91
3	QPSK	8	7	21.94	21.89	21.85
3	QPSK	15	0	21.99	21.91	21.94
3	16QAM	1	0	22.19	22.30	22.20
3	16QAM	1	8	22.09	22.16	22.07
3	16QAM	1	14	22.02	22.13	22.05
3	16QAM	8	0	20.95	20.94	20.89
3	16QAM	8	4	20.96	20.98	20.88
3	16QAM	8	7	20.81	20.92	20.85
3	16QAM	15	0	20.86	20.90	20.81
3	64QAM	1	0	21.22	21.20	21.09
3	64QAM	1	8	21.18	21.17	21.16
3	64QAM	1	14	20.92	21.07	20.97
3	64QAM	8	0	19.99	20.03	20.02
3	64QAM	8	4	20.02	20.06	20.03
3	64QAM	8	7	19.97	20.01	20.02
3	64QAM	15	0	19.98	20.09	19.97



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	22.79	22.85	22.80
1.4	QPSK	1	3	22.76	22.76	22.75
1.4	QPSK	1	5	22.66	22.53	22.47
1.4	QPSK	3	0	22.79	22.68	22.81
1.4	QPSK	3	1	22.66	22.70	22.76
1.4	QPSK	3	3	22.83	22.92	22.88
1.4	QPSK	6	0	21.92	21.94	21.95
1.4	16QAM	1	0	22.20	22.30	22.07
1.4	16QAM	1	3	22.17	22.19	22.13
1.4	16QAM	1	5	22.08	22.04	22.05
1.4	16QAM	3	0	22.04	21.96	22.01
1.4	16QAM	3	1	21.96	21.94	21.95
1.4	16QAM	3	3	21.91	21.85	21.77
1.4	16QAM	6	0	20.93	20.86	20.86
1.4	64QAM	1	0	21.31	21.31	21.17
1.4	64QAM	1	3	21.26	21.28	21.20
1.4	64QAM	1	5	21.08	21.13	21.08
1.4	64QAM	3	0	21.13	21.10	21.05
1.4	64QAM	3	1	21.12	21.13	21.02
1.4	64QAM	3	3	21.02	21.07	21.08
1.4	64QAM	6	0	20.01	20.11	20.12



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	22.86	22.88	22.82
20	QPSK	1	49	22.73	22.83	22.77
20	QPSK	1	99	22.59	22.68	22.64
20	QPSK	50	0	21.81	21.85	21.82
20	QPSK	50	24	21.80	21.83	21.77
20	QPSK	50	50	21.75	21.78	21.76
20	QPSK	100	0	21.80	21.82	21.78
20	16QAM	1	0	21.85	21.88	21.81
20	16QAM	1	49	21.81	21.85	21.79
20	16QAM	1	99	21.72	21.77	21.75
20	16QAM	50	0	20.79	20.87	20.84
20	16QAM	50	24	20.76	20.84	20.80
20	16QAM	50	50	20.74	20.80	20.77
20	16QAM	100	0	20.81	20.88	20.87
20	64QAM	1	0	21.14	21.20	21.16
20	64QAM	1	49	21.06	21.12	21.10
20	64QAM	1	99	20.97	21.04	21.02
20	64QAM	50	0	20.07	20.12	20.09
20	64QAM	50	24	20.01	20.07	20.05
20	64QAM	50	50	19.97	20.04	20.03
20	64QAM	100	0	19.94	20.02	19.99



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	22.84	22.79	22.79
15	QPSK	1	37	22.72	22.71	22.67
15	QPSK	1	74	22.48	22.54	22.61
15	QPSK	36	0	21.68	21.72	21.74
15	QPSK	36	20	21.79	21.80	21.62
15	QPSK	36	39	21.66	21.74	21.70
15	QPSK	75	0	21.78	21.81	21.70
15	16QAM	1	0	21.77	21.74	21.71
15	16QAM	1	37	21.80	21.78	21.74
15	16QAM	1	74	21.62	21.76	21.73
15	16QAM	36	0	20.65	20.75	20.79
15	16QAM	36	20	20.64	20.79	20.69
15	16QAM	36	39	20.61	20.69	20.67
15	16QAM	75	0	20.72	20.84	20.73
15	64QAM	1	0	21.05	21.19	21.12
15	64QAM	1	37	21.06	21.06	21.03
15	64QAM	1	74	20.88	21.02	20.91
15	64QAM	36	0	20.06	20.08	20.05
15	64QAM	36	20	19.91	20.00	20.03
15	64QAM	36	39	19.85	19.91	19.93
15	64QAM	75	0	19.90	20.02	19.88



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	22.85	22.75	22.70
10	QPSK	1	25	22.64	22.78	22.73
10	QPSK	1	49	22.50	22.53	22.55
10	QPSK	25	0	21.68	21.82	21.69
10	QPSK	25	12	21.75	21.68	21.62
10	QPSK	25	25	21.69	21.74	21.72
10	QPSK	50	0	21.77	21.73	21.76
10	16QAM	1	0	21.71	21.73	21.66
10	16QAM	1	25	21.75	21.83	21.76
10	16QAM	1	49	21.68	21.68	21.64
10	16QAM	25	0	20.70	20.83	20.79
10	16QAM	25	12	20.68	20.78	20.68
10	16QAM	25	25	20.61	20.78	20.69
10	16QAM	50	0	20.72	20.85	20.76
10	64QAM	1	0	21.16	21.21	21.13
10	64QAM	1	25	21.05	21.05	21.01
10	64QAM	1	49	20.87	21.06	20.98
10	64QAM	25	0	20.09	20.06	20.01
10	64QAM	25	12	19.97	19.97	19.98
10	64QAM	25	25	19.85	20.04	19.92
10	64QAM	50	0	19.93	19.94	19.95



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	22.71	22.83	22.74
5	QPSK	1	12	22.70	22.80	22.73
5	QPSK	1	24	22.50	22.63	22.56
5	QPSK	12	0	21.74	21.79	21.68
5	QPSK	12	7	21.74	21.70	21.73
5	QPSK	12	13	21.66	21.70	21.69
5	QPSK	25	0	21.73	21.73	21.68
5	16QAM	1	0	21.84	21.80	21.72
5	16QAM	1	12	21.77	21.70	21.66
5	16QAM	1	24	21.60	21.68	21.61
5	16QAM	12	0	20.78	20.82	20.81
5	16QAM	12	7	20.61	20.74	20.76
5	16QAM	12	13	20.70	20.74	20.72
5	16QAM	25	0	20.79	20.82	20.79
5	64QAM	1	0	21.14	21.10	21.09
5	64QAM	1	12	21.07	21.13	21.05
5	64QAM	1	24	20.95	20.97	20.95
5	64QAM	12	0	19.97	20.05	20.05
5	64QAM	12	7	19.98	20.01	20.01
5	64QAM	12	13	19.97	19.93	19.93
5	64QAM	25	0	19.90	19.96	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				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.82	22.83	22.71
3	QPSK	1	8	22.66	22.82	22.72
3	QPSK	1	14	22.46	22.63	22.49
3	QPSK	8	0	21.80	21.73	21.72
3	QPSK	8	4	21.78	21.77	21.74
3	QPSK	8	7	21.62	21.76	21.69
3	QPSK	15	0	21.76	21.78	21.72
3	16QAM	1	0	21.73	21.86	21.73
3	16QAM	1	8	21.77	21.72	21.67
3	16QAM	1	14	21.71	21.76	21.74
3	16QAM	8	0	20.75	20.78	20.78
3	16QAM	8	4	20.66	20.72	20.73
3	16QAM	8	7	20.70	20.66	20.67
3	16QAM	15	0	20.72	20.81	20.86
3	64QAM	1	0	21.01	21.12	21.08
3	64QAM	1	8	21.02	21.05	21.04
3	64QAM	1	14	20.81	20.96	20.93
3	64QAM	8	0	20.01	20.05	19.93
3	64QAM	8	4	19.91	19.95	19.89
3	64QAM	8	7	19.89	19.93	19.87
3	64QAM	15	0	19.77	19.94	19.93



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	22.82	22.87	22.71
1.4	QPSK	1	3	22.63	22.79	22.65
1.4	QPSK	1	5	22.48	22.55	22.59
1.4	QPSK	3	0	22.60	22.64	22.58
1.4	QPSK	3	1	22.48	22.62	22.55
1.4	QPSK	3	3	22.49	22.54	22.45
1.4	QPSK	6	0	21.76	21.70	21.65
1.4	16QAM	1	0	21.74	21.76	21.67
1.4	16QAM	1	3	21.70	21.78	21.75
1.4	16QAM	1	5	21.61	21.63	21.64
1.4	16QAM	3	0	21.47	21.53	21.52
1.4	16QAM	3	1	21.55	21.51	21.45
1.4	16QAM	3	3	21.51	21.58	21.51
1.4	16QAM	6	0	20.72	20.78	20.74
1.4	64QAM	1	0	21.05	21.12	21.11
1.4	64QAM	1	3	20.92	20.98	21.06
1.4	64QAM	1	5	20.89	20.91	20.99
1.4	64QAM	3	0	20.78	20.88	20.78
1.4	64QAM	3	1	20.80	20.81	20.73
1.4	64QAM	3	3	20.63	20.69	20.77
1.4	64QAM	6	0	19.89	20.00	19.90



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	22.85	22.91	22.87
10	QPSK	1	25	22.81	22.88	22.84
10	QPSK	1	49	22.78	22.84	22.82
10	QPSK	25	0	21.93	21.99	21.95
10	QPSK	25	12	21.88	21.95	21.92
10	QPSK	25	25	21.82	21.87	21.85
10	QPSK	50	0	21.88	21.92	21.87
10	16QAM	1	0	21.89	21.96	21.93
10	16QAM	1	25	21.85	21.92	21.87
10	16QAM	1	49	21.86	21.90	21.84
10	16QAM	25	0	20.79	20.86	20.82
10	16QAM	25	12	20.77	20.81	20.77
10	16QAM	25	25	20.76	20.83	20.81
10	16QAM	50	0	20.86	20.88	20.83
10	64QAM	1	0	21.03	21.05	21.01
10	64QAM	1	25	20.98	21.01	21.03
10	64QAM	1	49	21.00	20.99	21.00
10	64QAM	25	0	19.98	20.04	19.94
10	64QAM	25	12	19.93	19.95	19.90
10	64QAM	25	25	19.90	19.96	19.92
10	64QAM	50	0	19.87	19.91	19.87



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	22.73	22.84	22.74
5	QPSK	1	12	22.68	22.74	22.70
5	QPSK	1	24	22.66	22.73	22.69
5	QPSK	12	0	21.88	21.88	21.86
5	QPSK	12	7	21.85	21.85	21.81
5	QPSK	12	13	21.69	21.79	21.84
5	QPSK	25	0	21.73	21.80	21.76
5	16QAM	1	0	21.87	21.87	21.81
5	16QAM	1	12	21.74	21.86	21.84
5	16QAM	1	24	21.85	21.86	21.80
5	16QAM	12	0	20.74	20.80	20.73
5	16QAM	12	7	20.67	20.69	20.63
5	16QAM	12	13	20.67	20.69	20.69
5	16QAM	25	0	20.81	20.82	20.81
5	64QAM	1	0	21.05	20.99	21.08
5	64QAM	1	12	21.03	21.02	20.99
5	64QAM	1	24	20.98	20.94	20.96
5	64QAM	12	0	20.06	19.99	19.92
5	64QAM	12	7	19.94	20.03	19.97
5	64QAM	12	13	19.84	20.00	19.98
5	64QAM	25	0	19.86	19.89	19.83



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	22.76	22.79	22.86
3	QPSK	1	8	22.80	22.79	22.69
3	QPSK	1	14	22.68	22.75	22.69
3	QPSK	8	0	21.88	21.94	21.89
3	QPSK	8	4	21.82	21.90	21.78
3	QPSK	8	7	21.76	21.73	21.79
3	QPSK	15	0	21.86	21.79	21.77
3	16QAM	1	0	21.76	21.88	21.84
3	16QAM	1	8	21.84	21.90	21.76
3	16QAM	1	14	21.76	21.77	21.82
3	16QAM	8	0	20.66	20.85	20.77
3	16QAM	8	4	20.70	20.79	20.69
3	16QAM	8	7	20.67	20.68	20.79
3	16QAM	15	0	20.82	20.80	20.77
3	64QAM	1	0	21.10	21.07	21.08
3	64QAM	1	8	20.93	21.03	21.09
3	64QAM	1	14	21.05	21.06	21.01
3	64QAM	8	0	19.97	20.06	20.01
3	64QAM	8	4	19.91	20.02	19.96
3	64QAM	8	7	19.89	20.01	19.88
3	64QAM	15	0	19.94	19.92	19.90



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	22.79	22.83	22.81
1.4	QPSK	1	3	22.80	22.78	22.77
1.4	QPSK	1	5	22.68	22.72	22.79
1.4	QPSK	3	0	22.65	22.78	22.61
1.4	QPSK	3	1	22.57	22.70	22.71
1.4	QPSK	3	3	22.48	22.59	22.55
1.4	QPSK	6	0	21.80	21.78	21.80
1.4	16QAM	1	0	21.88	21.91	21.85
1.4	16QAM	1	3	21.81	21.78	21.75
1.4	16QAM	1	5	21.84	21.82	21.83
1.4	16QAM	3	0	21.56	21.57	21.52
1.4	16QAM	3	1	21.56	21.56	21.42
1.4	16QAM	3	3	21.45	21.54	21.56
1.4	16QAM	6	0	20.85	20.77	20.81
1.4	64QAM	1	0	21.14	21.04	21.00
1.4	64QAM	1	3	21.08	21.06	21.13
1.4	64QAM	1	5	20.98	21.00	21.04
1.4	64QAM	3	0	20.83	20.85	20.84
1.4	64QAM	3	1	20.81	20.83	20.70
1.4	64QAM	3	3	20.69	20.82	20.70
1.4	64QAM	6	0	19.85	19.88	19.86



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	22.84	22.89	22.86
20	QPSK	1	49	22.82	22.86	22.83
20	QPSK	1	99	22.74	22.80	22.78
20	QPSK	50	0	21.80	21.85	21.82
20	QPSK	50	24	21.76	21.84	21.77
20	QPSK	50	50	21.66	21.78	21.68
20	QPSK	100	0	21.71	21.77	21.72
20	16QAM	1	0	21.86	21.98	21.89
20	16QAM	1	49	21.84	21.95	21.91
20	16QAM	1	99	21.81	21.91	21.84
20	16QAM	50	0	20.84	20.88	20.84
20	16QAM	50	24	20.78	20.82	20.78
20	16QAM	50	50	20.74	20.81	20.75
20	16QAM	100	0	20.85	20.89	20.87
20	64QAM	1	0	21.11	21.15	21.10
20	64QAM	1	49	21.05	21.06	21.03
20	64QAM	1	99	21.01	21.02	20.99
20	64QAM	50	0	20.18	20.22	20.14
20	64QAM	50	24	20.06	20.15	20.01
20	64QAM	50	50	20.08	20.10	20.04
20	64QAM	100	0	20.10	20.15	19.99



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	22.71	22.78	22.73
15	QPSK	1	37	22.70	22.76	22.81
15	QPSK	1	74	22.63	22.78	22.73
15	QPSK	36	0	21.78	21.78	21.80
15	QPSK	36	20	21.67	21.69	21.73
15	QPSK	36	39	21.52	21.76	21.63
15	QPSK	75	0	21.64	21.73	21.70
15	16QAM	1	0	21.76	21.88	21.86
15	16QAM	1	37	21.70	21.85	21.76
15	16QAM	1	74	21.74	21.76	21.69
15	16QAM	36	0	20.70	20.77	20.69
15	16QAM	36	20	20.68	20.81	20.76
15	16QAM	36	39	20.60	20.68	20.61
15	16QAM	75	0	20.77	20.76	20.73
15	64QAM	1	0	21.01	21.09	21.01
15	64QAM	1	37	20.89	20.94	20.93
15	64QAM	1	74	20.89	20.95	20.85
15	64QAM	36	0	20.08	20.19	20.11
15	64QAM	36	20	19.92	20.06	19.88
15	64QAM	36	39	19.93	19.95	19.99
15	64QAM	75	0	19.96	20.12	19.91



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	22.71	22.85	22.76
10	QPSK	1	25	22.76	22.76	22.78
10	QPSK	1	49	22.69	22.75	22.70
10	QPSK	25	0	21.76	21.74	21.75
10	QPSK	25	12	21.66	21.69	21.74
10	QPSK	25	25	21.60	21.66	21.64
10	QPSK	50	0	21.67	21.62	21.69
10	16QAM	1	0	21.85	21.96	21.85
10	16QAM	1	25	21.80	21.91	21.76
10	16QAM	1	49	21.71	21.81	21.70
10	16QAM	25	0	20.79	20.75	20.77
10	16QAM	25	12	20.67	20.67	20.67
10	16QAM	25	25	20.69	20.78	20.70
10	16QAM	50	0	20.77	20.85	20.78
10	64QAM	1	0	21.06	21.14	20.96
10	64QAM	1	25	20.97	21.03	20.95
10	64QAM	1	49	20.94	20.93	20.98
10	64QAM	25	0	20.16	20.09	20.03
10	64QAM	25	12	19.96	20.06	19.95
10	64QAM	25	25	20.00	20.00	19.93
10	64QAM	50	0	20.01	20.13	19.98



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	22.77	22.85	22.77
5	QPSK	1	12	22.79	22.75	22.68
5	QPSK	1	24	22.61	22.74	22.75
5	QPSK	12	0	21.65	21.75	21.70
5	QPSK	12	7	21.61	21.72	21.62
5	QPSK	12	13	21.56	21.75	21.67
5	QPSK	25	0	21.57	21.62	21.66
5	16QAM	1	0	21.76	21.91	21.82
5	16QAM	1	12	21.76	21.88	21.85
5	16QAM	1	24	21.76	21.80	21.71
5	16QAM	12	0	20.73	20.80	20.77
5	16QAM	12	7	20.76	20.79	20.65
5	16QAM	12	13	20.71	20.69	20.67
5	16QAM	25	0	20.84	20.85	20.79
5	64QAM	1	0	21.02	21.08	21.01
5	64QAM	1	12	21.05	20.97	20.94
5	64QAM	1	24	20.91	20.90	20.96
5	64QAM	12	0	20.11	20.15	20.03
5	64QAM	12	7	20.03	20.04	19.92
5	64QAM	12	13	19.97	20.06	19.96
5	64QAM	25	0	20.01	20.13	19.94



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	/	22.92	/
10	QPSK	1	25	/	22.86	/
10	QPSK	1	49	/	22.81	/
10	QPSK	25	0	/	21.88	/
10	QPSK	25	12	/	21.83	/
10	QPSK	25	25	/	21.80	/
10	QPSK	50	0	/	21.77	/
10	16QAM	1	0	/	21.94	/
10	16QAM	1	25	/	21.90	/
10	16QAM	1	49	/	21.86	/
10	16QAM	25	0	/	20.78	/
10	16QAM	25	12	/	20.75	/
10	16QAM	25	25	/	20.72	/
10	16QAM	50	0	/	20.70	/
10	64QAM	1	0	/	21.00	/
10	64QAM	1	25	/	20.94	/
10	64QAM	1	49	/	20.96	/
10	64QAM	25	0	/	19.99	/
10	64QAM	25	12	/	19.95	/
10	64QAM	25	25	/	19.93	/
10	64QAM	50	0	/	19.90	/



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	22.84	22.91	22.79
5	QPSK	1	12	22.77	22.71	22.75
5	QPSK	1	24	22.76	22.74	22.72
5	QPSK	12	0	21.78	21.76	21.76
5	QPSK	12	7	21.79	21.81	21.78
5	QPSK	12	13	21.76	21.75	21.78
5	QPSK	25	0	21.63	21.63	21.65
5	16QAM	1	0	21.79	21.93	21.86
5	16QAM	1	12	21.88	21.81	21.82
5	16QAM	1	24	21.79	21.75	21.85
5	16QAM	12	0	20.75	20.64	20.68
5	16QAM	12	7	20.63	20.61	20.73
5	16QAM	12	13	20.70	20.68	20.63
5	16QAM	25	0	20.56	20.61	20.59
5	64QAM	1	0	20.94	20.90	20.97
5	64QAM	1	12	20.94	20.88	20.91
5	64QAM	1	24	20.94	20.94	20.88
5	64QAM	12	0	19.87	19.95	19.99
5	64QAM	12	7	19.90	19.93	19.97
5	64QAM	12	13	19.84	19.82	19.82
5	64QAM	25	0	19.92	19.79	19.86



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	22.93	22.97	22.95
15	QPSK	1	37	22.92	22.93	22.90
15	QPSK	1	74	22.88	22.93	22.88
15	QPSK	36	0	21.96	22.02	22.00
15	QPSK	36	20	21.90	21.97	21.94
15	QPSK	36	39	21.91	21.94	21.91
15	QPSK	75	0	21.90	21.96	21.89
15	16QAM	1	0	21.94	21.98	21.95
15	16QAM	1	37	21.89	21.92	21.91
15	16QAM	1	74	21.93	21.95	21.90
15	16QAM	36	0	20.84	20.95	20.85
15	16QAM	36	20	20.85	20.93	20.86
15	16QAM	36	39	20.81	20.90	20.88
15	16QAM	75	0	20.83	20.88	20.85
15	64QAM	1	0	21.09	21.16	21.11
15	64QAM	1	37	21.02	21.13	21.09
15	64QAM	1	74	20.99	21.07	21.06
15	64QAM	36	0	20.13	20.15	20.12
15	64QAM	36	20	20.01	20.13	20.10
15	64QAM	36	39	20.09	20.11	20.06
15	64QAM	75	0	19.99	20.10	20.04



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	22.82	22.84	22.87
10	QPSK	1	25	22.82	22.80	22.84
10	QPSK	1	49	22.69	22.72	22.77
10	QPSK	25	0	21.82	21.81	21.89
10	QPSK	25	12	21.74	21.74	21.83
10	QPSK	25	25	21.75	21.71	21.80
10	QPSK	50	0	21.75	21.76	21.78
10	16QAM	1	0	21.82	21.77	21.84
10	16QAM	1	25	21.69	21.70	21.80
10	16QAM	1	49	21.76	21.67	21.79
10	16QAM	25	0	20.67	20.67	20.74
10	16QAM	25	12	20.70	20.72	20.75
10	16QAM	25	25	20.70	20.74	20.77
10	16QAM	50	0	20.68	20.67	20.74
10	64QAM	1	0	21.00	20.97	21.02
10	64QAM	1	25	20.92	20.94	21.00
10	64QAM	1	49	20.92	20.91	20.97
10	64QAM	25	0	20.02	20.02	20.03
10	64QAM	25	12	19.93	20.00	20.01
10	64QAM	25	25	19.86	19.90	19.97
10	64QAM	50	0	19.84	19.84	19.95



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	22.70	22.74	22.79
5	QPSK	1	12	22.74	22.69	22.76
5	QPSK	1	24	22.65	22.62	22.69
5	QPSK	12	0	21.77	21.75	21.81
5	QPSK	12	7	21.68	21.67	21.75
5	QPSK	12	13	21.68	21.71	21.72
5	QPSK	25	0	21.65	21.60	21.70
5	16QAM	1	0	21.74	21.67	21.76
5	16QAM	1	12	21.70	21.60	21.72
5	16QAM	1	24	21.59	21.59	21.71
5	16QAM	12	0	20.61	20.54	20.66
5	16QAM	12	7	20.63	20.66	20.67
5	16QAM	12	13	20.57	20.68	20.69
5	16QAM	25	0	20.56	20.65	20.66
5	64QAM	1	0	20.85	20.83	20.95
5	64QAM	1	12	20.87	20.83	20.93
5	64QAM	1	24	20.84	20.83	20.90
5	64QAM	12	0	19.91	19.92	19.96
5	64QAM	12	7	19.93	19.92	19.94
5	64QAM	12	13	19.80	19.78	19.90
5	64QAM	25	0	19.80	19.82	19.88



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	22.68	22.71	22.76
3	QPSK	1	8	22.70	22.67	22.73
3	QPSK	1	14	22.55	22.64	22.66
3	QPSK	8	0	21.72	21.67	21.78
3	QPSK	8	4	21.69	21.69	21.72
3	QPSK	8	7	21.62	21.63	21.69
3	QPSK	15	0	21.61	21.57	21.67
3	16QAM	1	0	21.65	21.69	21.73
3	16QAM	1	8	21.58	21.62	21.69
3	16QAM	1	14	21.56	21.64	21.68
3	16QAM	8	0	20.57	20.51	20.63
3	16QAM	8	4	20.61	20.63	20.64
3	16QAM	8	7	20.58	20.61	20.66
3	16QAM	15	0	20.51	20.61	20.63
3	64QAM	1	0	20.84	20.84	20.95
3	64QAM	1	8	20.82	20.84	20.93
3	64QAM	1	14	20.78	20.83	20.90
3	64QAM	8	0	19.84	19.93	19.96
3	64QAM	8	4	19.89	19.90	19.94
3	64QAM	8	7	19.83	19.82	19.90
3	64QAM	15	0	19.78	19.85	19.88



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	22.73	22.66	22.74
1.4	QPSK	1	3	22.64	22.64	22.71
1.4	QPSK	1	5	22.59	22.54	22.64
1.4	QPSK	3	0	21.67	21.66	21.76
1.4	QPSK	3	1	21.68	21.61	21.70
1.4	QPSK	3	3	21.61	21.66	21.67
1.4	QPSK	6	0	21.64	21.60	21.65
1.4	16QAM	1	0	21.63	21.68	21.71
1.4	16QAM	1	3	21.62	21.56	21.67
1.4	16QAM	1	5	21.64	21.64	21.66
1.4	16QAM	3	0	20.55	20.50	20.61
1.4	16QAM	3	1	20.61	20.53	20.62
1.4	16QAM	3	3	20.53	20.60	20.64
1.4	16QAM	6	0	20.51	20.54	20.61
1.4	64QAM	1	0	20.84	20.84	20.92
1.4	64QAM	1	3	20.81	20.84	20.90
1.4	64QAM	1	5	20.78	20.85	20.87
1.4	64QAM	3	0	19.84	19.85	19.93
1.4	64QAM	3	1	19.79	19.89	19.91
1.4	64QAM	3	3	19.77	19.84	19.87
1.4	64QAM	6	0	19.77	19.82	19.85



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	22.31	22.37	22.35
20	QPSK	1	49	22.29	22.33	22.30
20	QPSK	1	99	22.17	22.28	22.19
20	QPSK	50	0	21.25	21.28	21.23
20	QPSK	50	24	21.22	21.25	21.21
20	QPSK	50	50	21.18	21.22	21.15
20	QPSK	100	0	21.12	21.20	21.12
20	16QAM	1	0	21.34	21.40	21.37
20	16QAM	1	49	21.33	21.36	21.35
20	16QAM	1	99	21.28	21.31	21.26
20	16QAM	50	0	20.34	20.36	20.30
20	16QAM	50	24	20.30	20.33	20.26
20	16QAM	50	50	20.25	20.28	20.22
20	16QAM	100	0	20.17	20.24	20.16
20	64QAM	1	0	20.56	20.57	20.53
20	64QAM	1	49	20.53	20.54	20.51
20	64QAM	1	99	20.45	20.48	20.47
20	64QAM	50	0	19.46	19.47	19.42
20	64QAM	50	24	19.39	19.44	19.40
20	64QAM	50	50	19.35	19.40	19.36
20	64QAM	100	0	19.51	19.53	19.50



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	22.23	22.30	22.26
15	QPSK	1	37	22.28	22.23	22.19
15	QPSK	1	74	22.04	22.26	22.05
15	QPSK	36	0	21.18	21.18	21.09
15	QPSK	36	20	21.21	21.23	21.12
15	QPSK	36	39	21.12	21.14	21.05
15	QPSK	75	0	21.01	21.14	21.01
15	16QAM	1	0	21.25	21.36	21.26
15	16QAM	1	37	21.20	21.22	21.26
15	16QAM	1	74	21.21	21.24	21.21
15	16QAM	36	0	20.26	20.35	20.26
15	16QAM	36	20	20.20	20.19	20.13
15	16QAM	36	39	20.12	20.15	20.18
15	16QAM	75	0	20.03	20.23	20.12
15	64QAM	1	0	20.48	20.45	20.49
15	64QAM	1	37	20.41	20.42	20.42
15	64QAM	1	74	20.34	20.34	20.37
15	64QAM	36	0	19.38	19.34	19.38
15	64QAM	36	20	19.32	19.32	19.28
15	64QAM	36	39	19.26	19.27	19.35
15	64QAM	75	0	19.36	19.39	19.40



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				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.26	22.34	22.23
10	QPSK	1	25	22.14	22.30	22.26
10	QPSK	1	49	22.05	22.17	22.07
10	QPSK	25	0	21.23	21.25	21.10
10	QPSK	25	12	21.20	21.23	21.16
10	QPSK	25	25	21.15	21.08	21.08
10	QPSK	50	0	21.10	21.19	21.05
10	16QAM	1	0	21.25	21.35	21.25
10	16QAM	1	25	21.26	21.35	21.27
10	16QAM	1	49	21.22	21.27	21.17
10	16QAM	25	0	20.21	20.22	20.28
10	16QAM	25	12	20.26	20.21	20.22
10	16QAM	25	25	20.22	20.17	20.07
10	16QAM	50	0	20.04	20.12	20.13
10	64QAM	1	0	20.41	20.50	20.40
10	64QAM	1	25	20.44	20.48	20.40
10	64QAM	1	49	20.37	20.34	20.32
10	64QAM	25	0	19.44	19.39	19.39
10	64QAM	25	12	19.24	19.42	19.30
10	64QAM	25	25	19.32	19.26	19.24
10	64QAM	50	0	19.46	19.40	19.48



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	22.28	22.22	22.21
5	QPSK	1	12	22.19	22.28	22.18
5	QPSK	1	24	22.10	22.24	22.15
5	QPSK	12	0	21.15	21.25	21.10
5	QPSK	12	7	21.18	21.16	21.19
5	QPSK	12	13	21.05	21.20	21.07
5	QPSK	25	0	20.97	21.15	21.07
5	16QAM	1	0	21.29	21.26	21.27
5	16QAM	1	12	21.25	21.25	21.23
5	16QAM	1	24	21.15	21.21	21.14
5	16QAM	12	0	20.31	20.28	20.27
5	16QAM	12	7	20.23	20.27	20.15
5	16QAM	12	13	20.23	20.14	20.13
5	16QAM	25	0	20.03	20.18	20.02
5	64QAM	1	0	20.53	20.52	20.53
5	64QAM	1	12	20.53	20.42	20.37
5	64QAM	1	24	20.35	20.37	20.36
5	64QAM	12	0	19.35	19.47	19.39
5	64QAM	12	7	19.28	19.41	19.37
5	64QAM	12	13	19.34	19.39	19.30
5	64QAM	25	0	19.43	19.45	19.46



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	22.91	22.96	22.93
20	QPSK	1	49	22.88	22.93	22.90
20	QPSK	1	99	22.85	22.90	22.88
20	QPSK	50	0	21.92	21.98	21.94
20	QPSK	50	24	21.86	21.94	21.90
20	QPSK	50	50	21.83	21.89	21.85
20	QPSK	100	0	21.92	21.94	21.90
20	16QAM	1	0	21.89	21.92	21.86
20	16QAM	1	49	21.85	21.88	21.87
20	16QAM	1	99	21.77	21.86	21.82
20	16QAM	50	0	20.99	21.06	21.04
20	16QAM	50	24	20.95	21.02	20.97
20	16QAM	50	50	20.84	20.99	20.88
20	16QAM	100	0	20.80	20.89	20.81
20	64QAM	1	0	21.06	21.12	21.10
20	64QAM	1	49	21.02	21.07	21.06
20	64QAM	1	99	21.05	21.09	21.03
20	64QAM	50	0	20.11	20.18	20.16
20	64QAM	50	24	20.08	20.12	20.11
20	64QAM	50	50	20.03	20.05	19.98
20	64QAM	100	0	20.02	20.12	20.09



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	22.89	22.84	22.85
15	QPSK	1	37	22.76	22.82	22.82
15	QPSK	1	74	22.77	22.79	22.77
15	QPSK	36	0	21.78	21.84	21.86
15	QPSK	36	20	21.83	21.90	21.87
15	QPSK	36	39	21.77	21.83	21.80
15	QPSK	75	0	21.91	21.91	21.78
15	16QAM	1	0	21.79	21.80	21.84
15	16QAM	1	37	21.80	21.83	21.74
15	16QAM	1	74	21.66	21.86	21.71
15	16QAM	36	0	20.98	21.03	20.94
15	16QAM	36	20	20.94	20.93	20.95
15	16QAM	36	39	20.79	20.87	20.82
15	16QAM	75	0	20.80	20.77	20.71
15	64QAM	1	0	21.06	21.12	21.10
15	64QAM	1	37	20.92	21.01	20.96
15	64QAM	1	74	21.01	21.04	20.92
15	64QAM	36	0	20.08	20.08	20.14
15	64QAM	36	20	20.10	20.13	20.10
15	64QAM	36	39	20.05	20.06	19.94
15	64QAM	75	0	20.03	20.13	20.10



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	22.90	22.82	22.85
10	QPSK	1	25	22.80	22.86	22.77
10	QPSK	1	49	22.85	22.81	22.75
10	QPSK	25	0	21.87	21.91	21.89
10	QPSK	25	12	21.84	21.83	21.76
10	QPSK	25	25	21.76	21.78	21.74
10	QPSK	50	0	21.88	21.89	21.84
10	16QAM	1	0	21.84	21.78	21.73
10	16QAM	1	25	21.78	21.86	21.82
10	16QAM	1	49	21.69	21.78	21.80
10	16QAM	25	0	20.98	20.99	20.98
10	16QAM	25	12	20.88	20.88	20.86
10	16QAM	25	25	20.82	20.99	20.88
10	16QAM	50	0	20.75	20.83	20.78
10	64QAM	1	0	21.04	21.03	21.09
10	64QAM	1	25	20.88	20.98	20.92
10	64QAM	1	49	21.05	20.96	20.91
10	64QAM	25	0	19.99	20.15	20.06
10	64QAM	25	12	20.00	20.00	19.99
10	64QAM	25	25	19.99	20.01	19.85
10	64QAM	50	0	19.96	20.06	20.06



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	22.83	22.85	22.91
5	QPSK	1	12	22.82	22.82	22.77
5	QPSK	1	24	22.77	22.88	22.79
5	QPSK	12	0	21.85	21.86	21.87
5	QPSK	12	7	21.75	21.90	21.82
5	QPSK	12	13	21.81	21.84	21.81
5	QPSK	25	0	21.84	21.90	21.85
5	16QAM	1	0	21.78	21.88	21.76
5	16QAM	1	12	21.73	21.87	21.83
5	16QAM	1	24	21.76	21.74	21.71
5	16QAM	12	0	20.86	21.06	20.96
5	16QAM	12	7	20.92	21.01	20.86
5	16QAM	12	13	20.80	20.93	20.81
5	16QAM	25	0	20.72	20.84	20.76
5	64QAM	1	0	20.93	21.05	21.00
5	64QAM	1	12	20.99	21.01	21.01
5	64QAM	1	24	20.99	21.08	20.92
5	64QAM	12	0	20.06	20.10	20.16
5	64QAM	12	7	19.97	20.10	20.12
5	64QAM	12	13	19.92	20.06	19.88
5	64QAM	25	0	20.00	20.07	20.05



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	22.79	22.83	22.68
3	QPSK	1	8	22.75	22.80	22.77
3	QPSK	1	14	22.66	22.67	22.71
3	QPSK	8	0	21.66	21.75	21.69
3	QPSK	8	4	21.74	21.74	21.69
3	QPSK	8	7	21.62	21.63	21.66
3	QPSK	15	0	21.73	21.81	21.78
3	16QAM	1	0	21.72	21.73	21.68
3	16QAM	1	8	21.69	21.74	21.67
3	16QAM	1	14	21.60	21.64	21.58
3	16QAM	8	0	20.74	20.82	20.84
3	16QAM	8	4	20.76	20.89	20.75
3	16QAM	8	7	20.69	20.85	20.66
3	16QAM	15	0	20.64	20.74	20.65
3	64QAM	1	0	20.97	21.01	21.01
3	64QAM	1	8	20.79	20.98	20.90
3	64QAM	1	14	20.83	20.89	20.82
3	64QAM	8	0	19.98	19.95	20.02
3	64QAM	8	4	19.86	20.01	20.00
3	64QAM	8	7	19.86	19.91	19.85
3	64QAM	15	0	19.83	19.98	19.95



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	22.73	22.83	22.75
1.4	QPSK	1	3	22.71	22.73	22.75
1.4	QPSK	1	5	22.60	22.77	22.68
1.4	QPSK	3	0	22.52	22.62	22.51
1.4	QPSK	3	1	22.47	22.58	22.59
1.4	QPSK	3	3	22.53	22.57	22.54
1.4	QPSK	6	0	21.70	21.74	21.73
1.4	16QAM	1	0	21.70	21.80	21.73
1.4	16QAM	1	3	21.63	21.66	21.61
1.4	16QAM	1	5	21.54	21.65	21.67
1.4	16QAM	3	0	21.66	21.68	21.62
1.4	16QAM	3	1	21.65	21.69	21.64
1.4	16QAM	3	3	21.55	21.62	21.51
1.4	16QAM	6	0	21.47	21.46	21.41
1.4	64QAM	1	0	20.87	21.00	20.94
1.4	64QAM	1	3	20.94	20.92	20.93
1.4	64QAM	1	5	20.91	20.92	20.85
1.4	64QAM	3	0	20.86	20.90	20.85
1.4	64QAM	3	1	20.82	20.85	20.78
1.4	64QAM	3	3	20.75	20.74	20.67
1.4	64QAM	6	0	19.81	19.96	19.99

**Effective Radiated Power and Effective Isotropic Radiated Power****Top Antenna**

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	21.48	0.141	21.53	0.142	21.46	0.140
20	QPSK	1	49	21.46	0.140	21.50	0.141	21.42	0.139
20	QPSK	1	99	21.34	0.136	21.15	0.130	21.17	0.131
20	QPSK	50	0	20.58	0.114	20.68	0.117	20.62	0.115
20	QPSK	50	24	20.56	0.114	20.64	0.116	20.60	0.115
20	QPSK	50	50	20.55	0.114	20.61	0.115	20.55	0.114
20	QPSK	100	0	20.62	0.115	20.66	0.116	20.58	0.114
20	16QAM	1	0	20.85	0.122	20.91	0.123	20.81	0.121
20	16QAM	1	49	20.82	0.121	20.88	0.122	20.77	0.119
20	16QAM	1	99	20.75	0.119	20.79	0.120	20.76	0.119
20	16QAM	50	0	19.65	0.092	19.68	0.093	19.63	0.092
20	16QAM	50	24	19.63	0.092	19.64	0.092	19.61	0.091
20	16QAM	50	50	19.56	0.090	19.57	0.091	19.48	0.089
20	16QAM	100	0	19.57	0.091	19.60	0.091	19.56	0.090
20	64QAM	1	0	19.96	0.099	20.02	0.100	19.87	0.097
20	64QAM	1	49	19.94	0.099	19.95	0.099	19.89	0.097
20	64QAM	1	99	19.74	0.094	19.78	0.095	19.73	0.094
20	64QAM	50	0	18.82	0.076	18.87	0.077	18.84	0.077
20	64QAM	50	24	18.80	0.076	18.83	0.076	18.80	0.076
20	64QAM	50	50	18.76	0.075	18.81	0.076	18.79	0.076
20	64QAM	100	0	18.73	0.075	18.80	0.076	18.77	0.075



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	21.43	0.139	21.51	0.142	21.39	0.138
15	QPSK	1	37	21.35	0.136	21.37	0.137	21.30	0.135
15	QPSK	1	74	21.23	0.133	21.14	0.130	21.03	0.127
15	QPSK	36	0	20.49	0.112	20.61	0.115	20.53	0.113
15	QPSK	36	20	20.51	0.112	20.51	0.112	20.59	0.115
15	QPSK	36	39	20.50	0.112	20.52	0.113	20.51	0.112
15	QPSK	75	0	20.54	0.113	20.63	0.116	20.47	0.111
15	16QAM	1	0	20.79	0.120	20.76	0.119	20.73	0.118
15	16QAM	1	37	20.68	0.117	20.81	0.121	20.63	0.116
15	16QAM	1	74	20.62	0.115	20.67	0.117	20.67	0.117
15	16QAM	36	0	19.60	0.091	19.57	0.091	19.56	0.090
15	16QAM	36	20	19.59	0.091	19.51	0.089	19.58	0.091
15	16QAM	36	39	19.52	0.090	19.52	0.090	19.37	0.086
15	16QAM	75	0	19.50	0.089	19.54	0.090	19.44	0.088
15	64QAM	1	0	20.07	0.102	20.05	0.101	19.96	0.099
15	64QAM	1	37	19.97	0.099	19.94	0.099	20.00	0.100
15	64QAM	1	74	19.81	0.096	19.81	0.096	19.75	0.094
15	64QAM	36	0	18.82	0.076	18.98	0.079	18.86	0.077
15	64QAM	36	20	18.85	0.077	18.83	0.076	18.78	0.076
15	64QAM	36	39	18.77	0.075	18.80	0.076	18.80	0.076
15	64QAM	75	0	18.72	0.074	18.86	0.077	18.84	0.077



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	21.40	0.138	21.39	0.138	21.35	0.136
10	QPSK	1	25	21.41	0.138	21.44	0.139	21.32	0.136
10	QPSK	1	49	21.20	0.132	21.11	0.129	21.03	0.127
10	QPSK	25	0	20.54	0.113	20.65	0.116	20.55	0.114
10	QPSK	25	12	20.53	0.113	20.50	0.112	20.46	0.111
10	QPSK	25	25	20.48	0.112	20.48	0.112	20.41	0.110
10	QPSK	50	0	20.52	0.113	20.63	0.116	20.49	0.112
10	16QAM	1	0	20.76	0.119	20.90	0.123	20.73	0.118
10	16QAM	1	25	20.74	0.119	20.86	0.122	20.62	0.115
10	16QAM	1	49	20.64	0.116	20.71	0.118	20.70	0.117
10	16QAM	25	0	19.53	0.090	19.54	0.090	19.48	0.089
10	16QAM	25	12	19.55	0.090	19.57	0.091	19.58	0.091
10	16QAM	25	25	19.46	0.088	19.45	0.088	19.46	0.088
10	16QAM	50	0	19.55	0.090	19.45	0.088	19.51	0.089
10	64QAM	1	0	19.95	0.099	19.99	0.100	19.85	0.097
10	64QAM	1	25	19.98	0.100	19.94	0.099	19.90	0.098
10	64QAM	1	49	19.78	0.095	19.75	0.094	19.72	0.094
10	64QAM	25	0	18.91	0.078	18.85	0.077	18.93	0.078
10	64QAM	25	12	18.77	0.075	18.88	0.077	18.87	0.077
10	64QAM	25	25	18.71	0.074	18.85	0.077	18.76	0.075
10	64QAM	50	0	18.75	0.075	18.77	0.075	18.79	0.076



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	21.38	0.137	21.41	0.138	21.45	0.140
5	QPSK	1	12	21.39	0.138	21.43	0.139	21.38	0.137
5	QPSK	1	24	21.29	0.135	21.06	0.128	21.13	0.130
5	QPSK	12	0	20.47	0.111	20.60	0.115	20.58	0.114
5	QPSK	12	7	20.43	0.110	20.62	0.115	20.48	0.112
5	QPSK	12	13	20.43	0.110	20.60	0.115	20.40	0.110
5	QPSK	25	0	20.57	0.114	20.57	0.114	20.52	0.113
5	16QAM	1	0	20.74	0.119	20.76	0.119	20.69	0.117
5	16QAM	1	12	20.80	0.120	20.81	0.121	20.76	0.119
5	16QAM	1	24	20.74	0.119	20.68	0.117	20.64	0.116
5	16QAM	12	0	19.55	0.090	19.64	0.092	19.53	0.090
5	16QAM	12	7	19.56	0.090	19.61	0.091	19.46	0.088
5	16QAM	12	13	19.55	0.090	19.53	0.090	19.33	0.086
5	16QAM	25	0	19.42	0.087	19.49	0.089	19.49	0.089
5	64QAM	1	0	19.75	0.094	19.81	0.096	19.66	0.092
5	64QAM	1	12	19.82	0.096	19.81	0.096	19.71	0.094
5	64QAM	1	24	19.58	0.091	19.68	0.093	19.55	0.090
5	64QAM	12	0	18.72	0.074	18.72	0.074	18.63	0.073
5	64QAM	12	7	18.70	0.074	18.59	0.072	18.69	0.074
5	64QAM	12	13	18.52	0.071	18.60	0.072	18.68	0.074
5	64QAM	25	0	18.53	0.071	18.62	0.073	18.61	0.073



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	21.44	0.139	21.44	0.139	21.32	0.136
3	QPSK	1	8	21.36	0.137	21.45	0.140	21.35	0.136
3	QPSK	1	14	21.23	0.133	21.10	0.129	21.08	0.128
3	QPSK	8	0	20.46	0.111	20.54	0.113	20.49	0.112
3	QPSK	8	4	20.55	0.114	20.50	0.112	20.51	0.112
3	QPSK	8	7	20.54	0.113	20.49	0.112	20.45	0.111
3	QPSK	15	0	20.59	0.115	20.51	0.112	20.54	0.113
3	16QAM	1	0	20.79	0.120	20.90	0.123	20.80	0.120
3	16QAM	1	8	20.69	0.117	20.76	0.119	20.67	0.117
3	16QAM	1	14	20.62	0.115	20.73	0.118	20.65	0.116
3	16QAM	8	0	19.55	0.090	19.54	0.090	19.49	0.089
3	16QAM	8	4	19.56	0.090	19.58	0.091	19.48	0.089
3	16QAM	8	7	19.41	0.087	19.52	0.090	19.45	0.088
3	16QAM	15	0	19.46	0.088	19.50	0.089	19.41	0.087
3	64QAM	1	0	19.82	0.096	19.80	0.095	19.69	0.093
3	64QAM	1	8	19.78	0.095	19.77	0.095	19.76	0.095
3	64QAM	1	14	19.52	0.090	19.67	0.093	19.57	0.091
3	64QAM	8	0	18.59	0.072	18.63	0.073	18.62	0.073
3	64QAM	8	4	18.62	0.073	18.66	0.073	18.63	0.073
3	64QAM	8	7	18.57	0.072	18.61	0.073	18.62	0.073
3	64QAM	15	0	18.58	0.072	18.69	0.074	18.57	0.072



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	21.39	0.138	21.45	0.140	21.40	0.138
1.4	QPSK	1	3	21.36	0.137	21.36	0.137	21.35	0.136
1.4	QPSK	1	5	21.26	0.134	21.13	0.130	21.07	0.128
1.4	QPSK	3	0	21.39	0.138	21.28	0.134	21.41	0.138
1.4	QPSK	3	1	21.26	0.134	21.30	0.135	21.36	0.137
1.4	QPSK	3	3	21.43	0.139	21.52	0.142	21.48	0.141
1.4	QPSK	6	0	20.52	0.113	20.54	0.113	20.55	0.114
1.4	16QAM	1	0	20.80	0.120	20.90	0.123	20.67	0.117
1.4	16QAM	1	3	20.77	0.119	20.79	0.120	20.73	0.118
1.4	16QAM	1	5	20.68	0.117	20.64	0.116	20.65	0.116
1.4	16QAM	3	0	20.64	0.116	20.56	0.114	20.61	0.115
1.4	16QAM	3	1	20.56	0.114	20.54	0.113	20.55	0.114
1.4	16QAM	3	3	20.51	0.112	20.45	0.111	20.37	0.109
1.4	16QAM	6	0	19.53	0.090	19.46	0.088	19.46	0.088
1.4	64QAM	1	0	19.91	0.098	19.91	0.098	19.77	0.095
1.4	64QAM	1	3	19.86	0.097	19.88	0.097	19.80	0.095
1.4	64QAM	1	5	19.68	0.093	19.73	0.094	19.68	0.093
1.4	64QAM	3	0	19.73	0.094	19.70	0.093	19.65	0.092
1.4	64QAM	3	1	19.72	0.094	19.73	0.094	19.62	0.092
1.4	64QAM	3	3	19.62	0.092	19.67	0.093	19.68	0.093
1.4	64QAM	6	0	18.61	0.073	18.71	0.074	18.72	0.074



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	19.96	0.099	19.98	0.100	19.92	0.098
20	QPSK	1	49	19.83	0.096	19.93	0.098	19.87	0.097
20	QPSK	1	99	19.69	0.093	19.78	0.095	19.74	0.094
20	QPSK	50	0	18.91	0.078	18.95	0.079	18.92	0.078
20	QPSK	50	24	18.90	0.078	18.93	0.078	18.87	0.077
20	QPSK	50	50	18.85	0.077	18.88	0.077	18.86	0.077
20	QPSK	100	0	18.90	0.078	18.92	0.078	18.88	0.077
20	16QAM	1	0	18.95	0.079	18.98	0.079	18.91	0.078
20	16QAM	1	49	18.91	0.078	18.95	0.079	18.89	0.077
20	16QAM	1	99	18.82	0.076	18.87	0.077	18.85	0.077
20	16QAM	50	0	17.89	0.062	17.97	0.063	17.94	0.062
20	16QAM	50	24	17.86	0.061	17.94	0.062	17.90	0.062
20	16QAM	50	50	17.84	0.061	17.90	0.062	17.87	0.061
20	16QAM	100	0	17.91	0.062	17.98	0.063	17.97	0.063
20	64QAM	1	0	18.24	0.067	18.30	0.068	18.26	0.067
20	64QAM	1	49	18.16	0.065	18.22	0.066	18.20	0.066
20	64QAM	1	99	18.07	0.064	18.14	0.065	18.12	0.065
20	64QAM	50	0	17.17	0.052	17.22	0.053	17.19	0.052
20	64QAM	50	24	17.11	0.051	17.17	0.052	17.15	0.052
20	64QAM	50	50	17.07	0.051	17.14	0.052	17.13	0.052
20	64QAM	100	0	17.04	0.051	17.12	0.052	17.09	0.051



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	19.94	0.099	19.89	0.097	19.89	0.097
15	QPSK	1	37	19.82	0.096	19.81	0.096	19.77	0.095
15	QPSK	1	74	19.58	0.091	19.64	0.092	19.71	0.094
15	QPSK	36	0	18.78	0.076	18.82	0.076	18.84	0.077
15	QPSK	36	20	18.89	0.077	18.90	0.078	18.72	0.074
15	QPSK	36	39	18.76	0.075	18.84	0.077	18.80	0.076
15	QPSK	75	0	18.88	0.077	18.91	0.078	18.80	0.076
15	16QAM	1	0	18.87	0.077	18.84	0.077	18.81	0.076
15	16QAM	1	37	18.90	0.078	18.88	0.077	18.84	0.077
15	16QAM	1	74	18.72	0.074	18.86	0.077	18.83	0.076
15	16QAM	36	0	17.75	0.060	17.85	0.061	17.89	0.062
15	16QAM	36	20	17.74	0.059	17.89	0.062	17.79	0.060
15	16QAM	36	39	17.71	0.059	17.79	0.060	17.77	0.060
15	16QAM	75	0	17.82	0.061	17.94	0.062	17.83	0.061
15	64QAM	1	0	18.15	0.065	18.29	0.067	18.22	0.066
15	64QAM	1	37	18.16	0.065	18.16	0.065	18.13	0.065
15	64QAM	1	74	17.98	0.063	18.12	0.065	18.01	0.063
15	64QAM	36	0	17.16	0.052	17.18	0.052	17.15	0.052
15	64QAM	36	20	17.01	0.050	17.10	0.051	17.13	0.052
15	64QAM	36	39	16.95	0.050	17.01	0.050	17.03	0.050
15	64QAM	75	0	17.00	0.050	17.12	0.052	16.98	0.050



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	19.95	0.099	19.85	0.097	19.80	0.095
10	QPSK	1	25	19.74	0.094	19.88	0.097	19.83	0.096
10	QPSK	1	49	19.60	0.091	19.63	0.092	19.65	0.092
10	QPSK	25	0	18.78	0.076	18.92	0.078	18.79	0.076
10	QPSK	25	12	18.85	0.077	18.78	0.076	18.72	0.074
10	QPSK	25	25	18.79	0.076	18.84	0.077	18.82	0.076
10	QPSK	50	0	18.87	0.077	18.83	0.076	18.86	0.077
10	16QAM	1	0	18.81	0.076	18.83	0.076	18.76	0.075
10	16QAM	1	25	18.85	0.077	18.93	0.078	18.86	0.077
10	16QAM	1	49	18.78	0.076	18.78	0.076	18.74	0.075
10	16QAM	25	0	17.80	0.060	17.93	0.062	17.89	0.062
10	16QAM	25	12	17.78	0.060	17.88	0.061	17.78	0.060
10	16QAM	25	25	17.71	0.059	17.88	0.061	17.79	0.060
10	16QAM	50	0	17.82	0.061	17.95	0.062	17.86	0.061
10	64QAM	1	0	18.26	0.067	18.31	0.068	18.23	0.067
10	64QAM	1	25	18.15	0.065	18.15	0.065	18.11	0.065
10	64QAM	1	49	17.97	0.063	18.16	0.065	18.08	0.064
10	64QAM	25	0	17.19	0.052	17.16	0.052	17.11	0.051
10	64QAM	25	12	17.07	0.051	17.07	0.051	17.08	0.051
10	64QAM	25	25	16.95	0.050	17.14	0.052	17.02	0.050
10	64QAM	50	0	17.03	0.050	17.04	0.051	17.05	0.051



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	19.81	0.096	19.93	0.098	19.84	0.096
5	QPSK	1	12	19.80	0.095	19.90	0.098	19.83	0.096
5	QPSK	1	24	19.60	0.091	19.73	0.094	19.66	0.092
5	QPSK	12	0	18.84	0.077	18.89	0.077	18.78	0.076
5	QPSK	12	7	18.84	0.077	18.80	0.076	18.83	0.076
5	QPSK	12	13	18.76	0.075	18.80	0.076	18.79	0.076
5	QPSK	25	0	18.83	0.076	18.83	0.076	18.78	0.076
5	16QAM	1	0	18.94	0.078	18.90	0.078	18.82	0.076
5	16QAM	1	12	18.87	0.077	18.80	0.076	18.76	0.075
5	16QAM	1	24	18.70	0.074	18.78	0.076	18.71	0.074
5	16QAM	12	0	17.88	0.061	17.92	0.062	17.91	0.062
5	16QAM	12	7	17.71	0.059	17.84	0.061	17.86	0.061
5	16QAM	12	13	17.80	0.060	17.84	0.061	17.82	0.061
5	16QAM	25	0	17.89	0.062	17.92	0.062	17.89	0.062
5	64QAM	1	0	18.24	0.067	18.20	0.066	18.19	0.066
5	64QAM	1	12	18.17	0.066	18.23	0.067	18.15	0.065
5	64QAM	1	24	18.05	0.064	18.07	0.064	18.05	0.064
5	64QAM	12	0	17.07	0.051	17.15	0.052	17.15	0.052
5	64QAM	12	7	17.08	0.051	17.11	0.051	17.11	0.051
5	64QAM	12	13	17.07	0.051	17.03	0.050	17.03	0.050
5	64QAM	25	0	17.00	0.050	17.06	0.051	16.99	0.050



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	19.92	0.098	19.93	0.098	19.81	0.096
3	QPSK	1	8	19.76	0.095	19.92	0.098	19.82	0.096
3	QPSK	1	14	19.56	0.090	19.73	0.094	19.59	0.091
3	QPSK	8	0	18.90	0.078	18.83	0.076	18.82	0.076
3	QPSK	8	4	18.88	0.077	18.87	0.077	18.84	0.077
3	QPSK	8	7	18.72	0.074	18.86	0.077	18.79	0.076
3	QPSK	15	0	18.86	0.077	18.88	0.077	18.82	0.076
3	16QAM	1	0	18.83	0.076	18.96	0.079	18.83	0.076
3	16QAM	1	8	18.87	0.077	18.82	0.076	18.77	0.075
3	16QAM	1	14	18.81	0.076	18.86	0.077	18.84	0.077
3	16QAM	8	0	17.85	0.061	17.88	0.061	17.88	0.061
3	16QAM	8	4	17.76	0.060	17.82	0.061	17.83	0.061
3	16QAM	8	7	17.80	0.060	17.76	0.060	17.77	0.060
3	16QAM	15	0	17.82	0.061	17.91	0.062	17.96	0.063
3	64QAM	1	0	18.11	0.065	18.22	0.066	18.18	0.066
3	64QAM	1	8	18.12	0.065	18.15	0.065	18.14	0.065
3	64QAM	1	14	17.91	0.062	18.06	0.064	18.03	0.064
3	64QAM	8	0	17.11	0.051	17.15	0.052	17.03	0.050
3	64QAM	8	4	17.01	0.050	17.05	0.051	16.99	0.050
3	64QAM	8	7	16.99	0.050	17.03	0.050	16.97	0.050
3	64QAM	15	0	16.87	0.049	17.04	0.051	17.03	0.050



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	19.92	0.098	19.97	0.099	19.81	0.096
1.4	QPSK	1	3	19.73	0.094	19.89	0.097	19.75	0.094
1.4	QPSK	1	5	19.58	0.091	19.65	0.092	19.69	0.093
1.4	QPSK	3	0	19.70	0.093	19.74	0.094	19.68	0.093
1.4	QPSK	3	1	19.58	0.091	19.72	0.094	19.65	0.092
1.4	QPSK	3	3	19.59	0.091	19.64	0.092	19.55	0.090
1.4	QPSK	6	0	18.86	0.077	18.80	0.076	18.75	0.075
1.4	16QAM	1	0	18.84	0.077	18.86	0.077	18.77	0.075
1.4	16QAM	1	3	18.80	0.076	18.88	0.077	18.85	0.077
1.4	16QAM	1	5	18.71	0.074	18.73	0.075	18.74	0.075
1.4	16QAM	3	0	18.57	0.072	18.63	0.073	18.62	0.073
1.4	16QAM	3	1	18.65	0.073	18.61	0.073	18.55	0.072
1.4	16QAM	3	3	18.61	0.073	18.68	0.074	18.61	0.073
1.4	16QAM	6	0	17.82	0.061	17.88	0.061	17.84	0.061
1.4	64QAM	1	0	18.15	0.065	18.22	0.066	18.21	0.066
1.4	64QAM	1	3	18.02	0.063	18.08	0.064	18.16	0.065
1.4	64QAM	1	5	17.99	0.063	18.01	0.063	18.09	0.064
1.4	64QAM	3	0	17.88	0.061	17.98	0.063	17.88	0.061
1.4	64QAM	3	1	17.90	0.062	17.91	0.062	17.83	0.061
1.4	64QAM	3	3	17.73	0.059	17.79	0.060	17.87	0.061
1.4	64QAM	6	0	16.99	0.050	17.10	0.051	17.00	0.050



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	17.10	0.051	17.16	0.052	17.12	0.052
10	QPSK	1	25	17.06	0.051	17.13	0.052	17.09	0.051
10	QPSK	1	49	17.03	0.050	17.09	0.051	17.07	0.051
10	QPSK	25	0	16.18	0.041	16.24	0.042	16.20	0.042
10	QPSK	25	12	16.13	0.041	16.20	0.042	16.17	0.041
10	QPSK	25	25	16.07	0.040	16.12	0.041	16.10	0.041
10	QPSK	50	0	16.13	0.041	16.17	0.041	16.12	0.041
10	16QAM	1	0	16.14	0.041	16.21	0.042	16.18	0.041
10	16QAM	1	25	16.10	0.041	16.17	0.041	16.12	0.041
10	16QAM	1	49	16.11	0.041	16.15	0.041	16.09	0.041
10	16QAM	25	0	15.04	0.032	15.11	0.032	15.07	0.032
10	16QAM	25	12	15.02	0.032	15.06	0.032	15.02	0.032
10	16QAM	25	25	15.01	0.032	15.08	0.032	15.06	0.032
10	16QAM	50	0	15.11	0.032	15.13	0.033	15.08	0.032
10	64QAM	1	0	15.28	0.034	15.30	0.034	15.26	0.034
10	64QAM	1	25	15.23	0.033	15.26	0.034	15.28	0.034
10	64QAM	1	49	15.25	0.033	15.24	0.033	15.25	0.033
10	64QAM	25	0	14.23	0.026	14.29	0.027	14.19	0.026
10	64QAM	25	12	14.18	0.026	14.20	0.026	14.15	0.026
10	64QAM	25	25	14.15	0.026	14.21	0.026	14.17	0.026
10	64QAM	50	0	14.12	0.026	14.16	0.026	14.12	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				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.98	0.050	17.09	0.051	16.99	0.050
5	QPSK	1	12	16.93	0.049	16.99	0.050	16.95	0.050
5	QPSK	1	24	16.91	0.049	16.98	0.050	16.94	0.049
5	QPSK	12	0	16.13	0.041	16.13	0.041	16.11	0.041
5	QPSK	12	7	16.10	0.041	16.10	0.041	16.06	0.040
5	QPSK	12	13	15.94	0.039	16.04	0.040	16.09	0.041
5	QPSK	25	0	15.98	0.040	16.05	0.040	16.01	0.040
5	16QAM	1	0	16.12	0.041	16.12	0.041	16.06	0.040
5	16QAM	1	12	15.99	0.040	16.11	0.041	16.09	0.041
5	16QAM	1	24	16.10	0.041	16.11	0.041	16.05	0.040
5	16QAM	12	0	14.99	0.032	15.05	0.032	14.98	0.031
5	16QAM	12	7	14.92	0.031	14.94	0.031	14.88	0.031
5	16QAM	12	13	14.92	0.031	14.94	0.031	14.94	0.031
5	16QAM	25	0	15.06	0.032	15.07	0.032	15.06	0.032
5	64QAM	1	0	15.30	0.034	15.24	0.033	15.33	0.034
5	64QAM	1	12	15.28	0.034	15.27	0.034	15.24	0.033
5	64QAM	1	24	15.23	0.033	15.19	0.033	15.21	0.033
5	64QAM	12	0	14.31	0.027	14.24	0.027	14.17	0.026
5	64QAM	12	7	14.19	0.026	14.28	0.027	14.22	0.026
5	64QAM	12	13	14.09	0.026	14.25	0.027	14.23	0.026
5	64QAM	25	0	14.11	0.026	14.14	0.026	14.08	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				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.01	0.050	17.04	0.051	17.11	0.051
3	QPSK	1	8	17.05	0.051	17.04	0.051	16.94	0.049
3	QPSK	1	14	16.93	0.049	17.00	0.050	16.94	0.049
3	QPSK	8	0	16.13	0.041	16.19	0.042	16.14	0.041
3	QPSK	8	4	16.07	0.040	16.15	0.041	16.03	0.040
3	QPSK	8	7	16.01	0.040	15.98	0.040	16.04	0.040
3	QPSK	15	0	16.11	0.041	16.04	0.040	16.02	0.040
3	16QAM	1	0	16.01	0.040	16.13	0.041	16.09	0.041
3	16QAM	1	8	16.09	0.041	16.15	0.041	16.01	0.040
3	16QAM	1	14	16.01	0.040	16.02	0.040	16.07	0.040
3	16QAM	8	0	14.91	0.031	15.10	0.032	15.02	0.032
3	16QAM	8	4	14.95	0.031	15.04	0.032	14.94	0.031
3	16QAM	8	7	14.92	0.031	14.93	0.031	15.04	0.032
3	16QAM	15	0	15.07	0.032	15.05	0.032	15.02	0.032
3	64QAM	1	0	15.35	0.034	15.32	0.034	15.33	0.034
3	64QAM	1	8	15.18	0.033	15.28	0.034	15.34	0.034
3	64QAM	1	14	15.30	0.034	15.31	0.034	15.26	0.034
3	64QAM	8	0	14.22	0.026	14.31	0.027	14.26	0.027
3	64QAM	8	4	14.16	0.026	14.27	0.027	14.21	0.026
3	64QAM	8	7	14.14	0.026	14.26	0.027	14.13	0.026
3	64QAM	15	0	14.19	0.026	14.17	0.026	14.15	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				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.04	0.051	17.08	0.051	17.06	0.051
1.4	QPSK	1	3	17.05	0.051	17.03	0.050	17.02	0.050
1.4	QPSK	1	5	16.93	0.049	16.97	0.050	17.04	0.051
1.4	QPSK	3	0	16.90	0.049	17.03	0.050	16.86	0.049
1.4	QPSK	3	1	16.82	0.048	16.95	0.050	16.96	0.050
1.4	QPSK	3	3	16.73	0.047	16.84	0.048	16.80	0.048
1.4	QPSK	6	0	16.05	0.040	16.03	0.040	16.05	0.040
1.4	16QAM	1	0	16.13	0.041	16.16	0.041	16.10	0.041
1.4	16QAM	1	3	16.06	0.040	16.03	0.040	16.00	0.040
1.4	16QAM	1	5	16.09	0.041	16.07	0.040	16.08	0.041
1.4	16QAM	3	0	15.81	0.038	15.82	0.038	15.77	0.038
1.4	16QAM	3	1	15.81	0.038	15.81	0.038	15.67	0.037
1.4	16QAM	3	3	15.70	0.037	15.79	0.038	15.81	0.038
1.4	16QAM	6	0	15.10	0.032	15.02	0.032	15.06	0.032
1.4	64QAM	1	0	15.39	0.035	15.29	0.034	15.25	0.033
1.4	64QAM	1	3	15.33	0.034	15.31	0.034	15.38	0.035
1.4	64QAM	1	5	15.23	0.033	15.25	0.033	15.29	0.034
1.4	64QAM	3	0	15.08	0.032	15.10	0.032	15.09	0.032
1.4	64QAM	3	1	15.06	0.032	15.08	0.032	14.95	0.031
1.4	64QAM	3	3	14.94	0.031	15.07	0.032	14.95	0.031
1.4	64QAM	6	0	14.10	0.026	14.13	0.026	14.11	0.026



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	21.44	0.139	21.49	0.141	21.46	0.140
20	QPSK	1	49	21.42	0.139	21.46	0.140	21.43	0.139
20	QPSK	1	99	21.34	0.136	21.40	0.138	21.38	0.137
20	QPSK	50	0	20.40	0.110	20.45	0.111	20.42	0.110
20	QPSK	50	24	20.36	0.109	20.44	0.111	20.37	0.109
20	QPSK	50	50	20.26	0.106	20.38	0.109	20.28	0.107
20	QPSK	100	0	20.31	0.107	20.37	0.109	20.32	0.108
20	16QAM	1	0	20.46	0.111	20.58	0.114	20.49	0.112
20	16QAM	1	49	20.44	0.111	20.55	0.114	20.51	0.112
20	16QAM	1	99	20.41	0.110	20.51	0.112	20.44	0.111
20	16QAM	50	0	19.44	0.088	19.48	0.089	19.44	0.088
20	16QAM	50	24	19.38	0.087	19.42	0.087	19.38	0.087
20	16QAM	50	50	19.34	0.086	19.41	0.087	19.35	0.086
20	16QAM	100	0	19.45	0.088	19.49	0.089	19.47	0.089
20	64QAM	1	0	19.71	0.094	19.75	0.094	19.70	0.093
20	64QAM	1	49	19.65	0.092	19.66	0.092	19.63	0.092
20	64QAM	1	99	19.61	0.091	19.62	0.092	19.59	0.091
20	64QAM	50	0	18.78	0.076	18.82	0.076	18.74	0.075
20	64QAM	50	24	18.66	0.073	18.75	0.075	18.61	0.073
20	64QAM	50	50	18.68	0.074	18.70	0.074	18.64	0.073
20	64QAM	100	0	18.70	0.074	18.75	0.075	18.59	0.072



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	21.31	0.135	21.38	0.137	21.33	0.136
15	QPSK	1	37	21.30	0.135	21.36	0.137	21.41	0.138
15	QPSK	1	74	21.23	0.133	21.38	0.137	21.33	0.136
15	QPSK	36	0	20.38	0.109	20.38	0.109	20.40	0.110
15	QPSK	36	20	20.27	0.106	20.29	0.107	20.33	0.108
15	QPSK	36	39	20.12	0.103	20.36	0.109	20.23	0.105
15	QPSK	75	0	20.24	0.106	20.33	0.108	20.30	0.107
15	16QAM	1	0	20.36	0.109	20.48	0.112	20.46	0.111
15	16QAM	1	37	20.30	0.107	20.45	0.111	20.36	0.109
15	16QAM	1	74	20.34	0.108	20.36	0.109	20.29	0.107
15	16QAM	36	0	19.30	0.085	19.37	0.086	19.29	0.085
15	16QAM	36	20	19.28	0.085	19.41	0.087	19.36	0.086
15	16QAM	36	39	19.20	0.083	19.28	0.085	19.21	0.083
15	16QAM	75	0	19.37	0.086	19.36	0.086	19.33	0.086
15	64QAM	1	0	19.61	0.091	19.69	0.093	19.61	0.091
15	64QAM	1	37	19.49	0.089	19.54	0.090	19.53	0.090
15	64QAM	1	74	19.49	0.089	19.55	0.090	19.45	0.088
15	64QAM	36	0	18.68	0.074	18.79	0.076	18.71	0.074
15	64QAM	36	20	18.52	0.071	18.66	0.073	18.48	0.070
15	64QAM	36	39	18.53	0.071	18.55	0.072	18.59	0.072
15	64QAM	75	0	18.56	0.072	18.72	0.074	18.51	0.071



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	21.31	0.135	21.45	0.140	21.36	0.137
10	QPSK	1	25	21.36	0.137	21.36	0.137	21.38	0.137
10	QPSK	1	49	21.29	0.135	21.35	0.136	21.30	0.135
10	QPSK	25	0	20.36	0.109	20.34	0.108	20.35	0.108
10	QPSK	25	12	20.26	0.106	20.29	0.107	20.34	0.108
10	QPSK	25	25	20.20	0.105	20.26	0.106	20.24	0.106
10	QPSK	50	0	20.27	0.106	20.22	0.105	20.29	0.107
10	16QAM	1	0	20.45	0.111	20.56	0.114	20.45	0.111
10	16QAM	1	25	20.40	0.110	20.51	0.112	20.36	0.109
10	16QAM	1	49	20.31	0.107	20.41	0.110	20.30	0.107
10	16QAM	25	0	19.39	0.087	19.35	0.086	19.37	0.086
10	16QAM	25	12	19.27	0.085	19.27	0.085	19.27	0.085
10	16QAM	25	25	19.29	0.085	19.38	0.087	19.30	0.085
10	16QAM	50	0	19.37	0.086	19.45	0.088	19.38	0.087
10	64QAM	1	0	19.66	0.092	19.74	0.094	19.56	0.090
10	64QAM	1	25	19.57	0.091	19.63	0.092	19.55	0.090
10	64QAM	1	49	19.54	0.090	19.53	0.090	19.58	0.091
10	64QAM	25	0	18.76	0.075	18.69	0.074	18.63	0.073
10	64QAM	25	12	18.56	0.072	18.66	0.073	18.55	0.072
10	64QAM	25	25	18.60	0.072	18.60	0.072	18.53	0.071
10	64QAM	50	0	18.61	0.073	18.73	0.075	18.58	0.072



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	21.37	0.137	21.45	0.140	21.37	0.137
5	QPSK	1	12	21.39	0.138	21.35	0.136	21.28	0.134
5	QPSK	1	24	21.21	0.132	21.34	0.136	21.35	0.136
5	QPSK	12	0	20.25	0.106	20.35	0.108	20.30	0.107
5	QPSK	12	7	20.21	0.105	20.32	0.108	20.22	0.105
5	QPSK	12	13	20.16	0.104	20.35	0.108	20.27	0.106
5	QPSK	25	0	20.17	0.104	20.22	0.105	20.26	0.106
5	16QAM	1	0	20.36	0.109	20.51	0.112	20.42	0.110
5	16QAM	1	12	20.36	0.109	20.48	0.112	20.45	0.111
5	16QAM	1	24	20.36	0.109	20.40	0.110	20.31	0.107
5	16QAM	12	0	19.33	0.086	19.40	0.087	19.37	0.086
5	16QAM	12	7	19.36	0.086	19.39	0.087	19.25	0.084
5	16QAM	12	13	19.31	0.085	19.29	0.085	19.27	0.085
5	16QAM	25	0	19.44	0.088	19.45	0.088	19.39	0.087
5	64QAM	1	0	19.62	0.092	19.68	0.093	19.61	0.091
5	64QAM	1	12	19.65	0.092	19.57	0.091	19.54	0.090
5	64QAM	1	24	19.51	0.089	19.50	0.089	19.56	0.090
5	64QAM	12	0	18.71	0.074	18.75	0.075	18.63	0.073
5	64QAM	12	7	18.63	0.073	18.64	0.073	18.52	0.071
5	64QAM	12	13	18.57	0.072	18.66	0.073	18.56	0.072
5	64QAM	25	0	18.61	0.073	18.73	0.075	18.54	0.071



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	/	/	14.67	0.029	/	/
10	QPSK	1	25	/	/	14.61	0.029	/	/
10	QPSK	1	49	/	/	14.56	0.029	/	/
10	QPSK	25	0	/	/	13.63	0.023	/	/
10	QPSK	25	12	/	/	13.58	0.023	/	/
10	QPSK	25	25	/	/	13.55	0.023	/	/
10	QPSK	50	0	/	/	13.52	0.022	/	/
10	16QAM	1	0	/	/	13.69	0.023	/	/
10	16QAM	1	25	/	/	13.65	0.023	/	/
10	16QAM	1	49	/	/	13.61	0.023	/	/
10	16QAM	25	0	/	/	12.53	0.018	/	/
10	16QAM	25	12	/	/	12.50	0.018	/	/
10	16QAM	25	25	/	/	12.47	0.018	/	/
10	16QAM	50	0	/	/	12.45	0.018	/	/
10	64QAM	1	0	/	/	12.75	0.019	/	/
10	64QAM	1	25	/	/	12.69	0.019	/	/
10	64QAM	1	49	/	/	12.71	0.019	/	/
10	64QAM	25	0	/	/	11.74	0.015	/	/
10	64QAM	25	12	/	/	11.70	0.015	/	/
10	64QAM	25	25	/	/	11.68	0.015	/	/
10	64QAM	50	0	/	/	11.65	0.015	/	/



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	14.59	0.029	14.66	0.029	14.54	0.028
5	QPSK	1	12	14.52	0.028	14.46	0.028	14.50	0.028
5	QPSK	1	24	14.51	0.028	14.49	0.028	14.47	0.028
5	QPSK	12	0	13.53	0.023	13.51	0.022	13.51	0.022
5	QPSK	12	7	13.54	0.023	13.56	0.023	13.53	0.023
5	QPSK	12	13	13.51	0.022	13.50	0.022	13.53	0.023
5	QPSK	25	0	13.38	0.022	13.38	0.022	13.40	0.022
5	16QAM	1	0	13.54	0.023	13.68	0.023	13.61	0.023
5	16QAM	1	12	13.63	0.023	13.56	0.023	13.57	0.023
5	16QAM	1	24	13.54	0.023	13.50	0.022	13.60	0.023
5	16QAM	12	0	12.50	0.018	12.39	0.017	12.43	0.017
5	16QAM	12	7	12.38	0.017	12.36	0.017	12.48	0.018
5	16QAM	12	13	12.45	0.018	12.43	0.017	12.38	0.017
5	16QAM	25	0	12.31	0.017	12.36	0.017	12.34	0.017
5	64QAM	1	0	12.69	0.019	12.65	0.018	12.72	0.019
5	64QAM	1	12	12.69	0.019	12.63	0.018	12.66	0.018
5	64QAM	1	24	12.69	0.019	12.69	0.019	12.63	0.018
5	64QAM	12	0	11.62	0.015	11.70	0.015	11.74	0.015
5	64QAM	12	7	11.65	0.015	11.68	0.015	11.72	0.015
5	64QAM	12	13	11.59	0.014	11.57	0.014	11.57	0.014
5	64QAM	25	0	11.67	0.015	11.54	0.014	11.61	0.014



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	17.18	0.052	17.22	0.053	17.20	0.052
15	QPSK	1	37	17.17	0.052	17.18	0.052	17.15	0.052
15	QPSK	1	74	17.13	0.052	17.18	0.052	17.13	0.052
15	QPSK	36	0	16.21	0.042	16.27	0.042	16.25	0.042
15	QPSK	36	20	16.15	0.041	16.22	0.042	16.19	0.042
15	QPSK	36	39	16.16	0.041	16.19	0.042	16.16	0.041
15	QPSK	75	0	16.15	0.041	16.21	0.042	16.14	0.041
15	16QAM	1	0	16.19	0.042	16.23	0.042	16.20	0.042
15	16QAM	1	37	16.14	0.041	16.17	0.041	16.16	0.041
15	16QAM	1	74	16.18	0.041	16.20	0.042	16.15	0.041
15	16QAM	36	0	15.09	0.032	15.20	0.033	15.10	0.032
15	16QAM	36	20	15.10	0.032	15.18	0.033	15.11	0.032
15	16QAM	36	39	15.06	0.032	15.15	0.033	15.13	0.033
15	16QAM	75	0	15.08	0.032	15.13	0.033	15.10	0.032
15	64QAM	1	0	15.34	0.034	15.41	0.035	15.36	0.034
15	64QAM	1	37	15.27	0.034	15.38	0.035	15.34	0.034
15	64QAM	1	74	15.24	0.033	15.32	0.034	15.31	0.034
15	64QAM	36	0	14.38	0.027	14.40	0.028	14.37	0.027
15	64QAM	36	20	14.26	0.027	14.38	0.027	14.35	0.027
15	64QAM	36	39	14.34	0.027	14.36	0.027	14.31	0.027
15	64QAM	75	0	14.24	0.027	14.35	0.027	14.29	0.027



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	17.07	0.051	17.09	0.051	17.12	0.052
10	QPSK	1	25	17.07	0.051	17.05	0.051	17.09	0.051
10	QPSK	1	49	16.94	0.049	16.97	0.050	17.02	0.050
10	QPSK	25	0	16.07	0.040	16.06	0.040	16.14	0.041
10	QPSK	25	12	15.99	0.040	15.99	0.040	16.08	0.041
10	QPSK	25	25	16.00	0.040	15.96	0.039	16.05	0.040
10	QPSK	50	0	16.00	0.040	16.01	0.040	16.03	0.040
10	16QAM	1	0	16.07	0.040	16.02	0.040	16.09	0.041
10	16QAM	1	25	15.94	0.039	15.95	0.039	16.05	0.040
10	16QAM	1	49	16.01	0.040	15.92	0.039	16.04	0.040
10	16QAM	25	0	14.92	0.031	14.92	0.031	14.99	0.032
10	16QAM	25	12	14.95	0.031	14.97	0.031	15.00	0.032
10	16QAM	25	25	14.95	0.031	14.99	0.032	15.02	0.032
10	16QAM	50	0	14.93	0.031	14.92	0.031	14.99	0.032
10	64QAM	1	0	15.25	0.033	15.22	0.033	15.27	0.034
10	64QAM	1	25	15.17	0.033	15.19	0.033	15.25	0.033
10	64QAM	1	49	15.17	0.033	15.16	0.033	15.22	0.033
10	64QAM	25	0	14.27	0.027	14.27	0.027	14.28	0.027
10	64QAM	25	12	14.18	0.026	14.25	0.027	14.26	0.027
10	64QAM	25	25	14.11	0.026	14.15	0.026	14.22	0.026
10	64QAM	50	0	14.09	0.026	14.09	0.026	14.20	0.026



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	16.95	0.050	16.99	0.050	17.04	0.051
5	QPSK	1	12	16.99	0.050	16.94	0.049	17.01	0.050
5	QPSK	1	24	16.90	0.049	16.87	0.049	16.94	0.049
5	QPSK	12	0	16.02	0.040	16.00	0.040	16.06	0.040
5	QPSK	12	7	15.93	0.039	15.92	0.039	16.00	0.040
5	QPSK	12	13	15.93	0.039	15.96	0.039	15.97	0.040
5	QPSK	25	0	15.90	0.039	15.85	0.038	15.95	0.039
5	16QAM	1	0	15.99	0.040	15.92	0.039	16.01	0.040
5	16QAM	1	12	15.95	0.039	15.85	0.038	15.97	0.040
5	16QAM	1	24	15.84	0.038	15.84	0.038	15.96	0.039
5	16QAM	12	0	14.86	0.031	14.79	0.030	14.91	0.031
5	16QAM	12	7	14.88	0.031	14.91	0.031	14.92	0.031
5	16QAM	12	13	14.82	0.030	14.93	0.031	14.94	0.031
5	16QAM	25	0	14.81	0.030	14.90	0.031	14.91	0.031
5	64QAM	1	0	15.10	0.032	15.08	0.032	15.20	0.033
5	64QAM	1	12	15.12	0.033	15.08	0.032	15.18	0.033
5	64QAM	1	24	15.09	0.032	15.08	0.032	15.15	0.033
5	64QAM	12	0	14.16	0.026	14.17	0.026	14.21	0.026
5	64QAM	12	7	14.18	0.026	14.17	0.026	14.19	0.026
5	64QAM	12	13	14.05	0.025	14.03	0.025	14.15	0.026
5	64QAM	25	0	14.05	0.025	14.07	0.026	14.13	0.026



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	16.93	0.049	16.96	0.050	17.01	0.050
3	QPSK	1	8	16.95	0.050	16.92	0.049	16.98	0.050
3	QPSK	1	14	16.80	0.048	16.89	0.049	16.91	0.049
3	QPSK	8	0	15.97	0.040	15.92	0.039	16.03	0.040
3	QPSK	8	4	15.94	0.039	15.94	0.039	15.97	0.040
3	QPSK	8	7	15.87	0.039	15.88	0.039	15.94	0.039
3	QPSK	15	0	15.86	0.039	15.82	0.038	15.92	0.039
3	16QAM	1	0	15.90	0.039	15.94	0.039	15.98	0.040
3	16QAM	1	8	15.83	0.038	15.87	0.039	15.94	0.039
3	16QAM	1	14	15.81	0.038	15.89	0.039	15.93	0.039
3	16QAM	8	0	14.82	0.030	14.76	0.030	14.88	0.031
3	16QAM	8	4	14.86	0.031	14.88	0.031	14.89	0.031
3	16QAM	8	7	14.83	0.030	14.86	0.031	14.91	0.031
3	16QAM	15	0	14.76	0.030	14.86	0.031	14.88	0.031
3	64QAM	1	0	15.09	0.032	15.09	0.032	15.20	0.033
3	64QAM	1	8	15.07	0.032	15.09	0.032	15.18	0.033
3	64QAM	1	14	15.03	0.032	15.08	0.032	15.15	0.033
3	64QAM	8	0	14.09	0.026	14.18	0.026	14.21	0.026
3	64QAM	8	4	14.14	0.026	14.15	0.026	14.19	0.026
3	64QAM	8	7	14.08	0.026	14.07	0.026	14.15	0.026
3	64QAM	15	0	14.03	0.025	14.10	0.026	14.13	0.026



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	16.98	0.050	16.91	0.049	16.99	0.050
1.4	QPSK	1	3	16.89	0.049	16.89	0.049	16.96	0.050
1.4	QPSK	1	5	16.84	0.048	16.79	0.048	16.89	0.049
1.4	QPSK	3	0	15.92	0.039	15.91	0.039	16.01	0.040
1.4	QPSK	3	1	15.93	0.039	15.86	0.039	15.95	0.039
1.4	QPSK	3	3	15.86	0.039	15.91	0.039	15.92	0.039
1.4	QPSK	6	0	15.89	0.039	15.85	0.038	15.90	0.039
1.4	16QAM	1	0	15.88	0.039	15.93	0.039	15.96	0.039
1.4	16QAM	1	3	15.87	0.039	15.81	0.038	15.92	0.039
1.4	16QAM	1	5	15.89	0.039	15.89	0.039	15.91	0.039
1.4	16QAM	3	0	14.80	0.030	14.75	0.030	14.86	0.031
1.4	16QAM	3	1	14.86	0.031	14.78	0.030	14.87	0.031
1.4	16QAM	3	3	14.78	0.030	14.85	0.031	14.89	0.031
1.4	16QAM	6	0	14.76	0.030	14.79	0.030	14.86	0.031
1.4	64QAM	1	0	15.09	0.032	15.09	0.032	15.17	0.033
1.4	64QAM	1	3	15.06	0.032	15.09	0.032	15.15	0.033
1.4	64QAM	1	5	15.03	0.032	15.10	0.032	15.12	0.033
1.4	64QAM	3	0	14.09	0.026	14.10	0.026	14.18	0.026
1.4	64QAM	3	1	14.04	0.025	14.14	0.026	14.16	0.026
1.4	64QAM	3	3	14.02	0.025	14.09	0.026	14.12	0.026
1.4	64QAM	6	0	14.02	0.025	14.07	0.026	14.10	0.026



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	20.81	0.121	20.87	0.122	20.85	0.122
20	QPSK	1	49	20.79	0.120	20.83	0.121	20.80	0.120
20	QPSK	1	99	20.67	0.117	20.78	0.120	20.69	0.117
20	QPSK	50	0	19.75	0.094	19.78	0.095	19.73	0.094
20	QPSK	50	24	19.72	0.094	19.75	0.094	19.71	0.094
20	QPSK	50	50	19.68	0.093	19.72	0.094	19.65	0.092
20	QPSK	100	0	19.62	0.092	19.70	0.093	19.62	0.092
20	16QAM	1	0	19.84	0.096	19.90	0.098	19.87	0.097
20	16QAM	1	49	19.83	0.096	19.86	0.097	19.85	0.097
20	16QAM	1	99	19.78	0.095	19.81	0.096	19.76	0.095
20	16QAM	50	0	18.84	0.077	18.86	0.077	18.80	0.076
20	16QAM	50	24	18.80	0.076	18.83	0.076	18.76	0.075
20	16QAM	50	50	18.75	0.075	18.78	0.076	18.72	0.074
20	16QAM	100	0	18.67	0.074	18.74	0.075	18.66	0.073
20	64QAM	1	0	19.06	0.081	19.07	0.081	19.03	0.080
20	64QAM	1	49	19.03	0.080	19.04	0.080	19.01	0.080
20	64QAM	1	99	18.95	0.079	18.98	0.079	18.97	0.079
20	64QAM	50	0	17.96	0.063	17.97	0.063	17.92	0.062
20	64QAM	50	24	17.89	0.062	17.94	0.062	17.90	0.062
20	64QAM	50	50	17.85	0.061	17.90	0.062	17.86	0.061
20	64QAM	100	0	18.01	0.063	18.03	0.064	18.00	0.063



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	20.73	0.118	20.80	0.120	20.76	0.119
15	QPSK	1	37	20.78	0.120	20.73	0.118	20.69	0.117
15	QPSK	1	74	20.54	0.113	20.76	0.119	20.55	0.114
15	QPSK	36	0	19.68	0.093	19.68	0.093	19.59	0.091
15	QPSK	36	20	19.71	0.094	19.73	0.094	19.62	0.092
15	QPSK	36	39	19.62	0.092	19.64	0.092	19.55	0.090
15	QPSK	75	0	19.51	0.089	19.64	0.092	19.51	0.089
15	16QAM	1	0	19.75	0.094	19.86	0.097	19.76	0.095
15	16QAM	1	37	19.70	0.093	19.72	0.094	19.76	0.095
15	16QAM	1	74	19.71	0.094	19.74	0.094	19.71	0.094
15	16QAM	36	0	18.76	0.075	18.85	0.077	18.76	0.075
15	16QAM	36	20	18.70	0.074	18.69	0.074	18.63	0.073
15	16QAM	36	39	18.62	0.073	18.65	0.073	18.68	0.074
15	16QAM	75	0	18.53	0.071	18.73	0.075	18.62	0.073
15	64QAM	1	0	18.98	0.079	18.95	0.079	18.99	0.079
15	64QAM	1	37	18.91	0.078	18.92	0.078	18.92	0.078
15	64QAM	1	74	18.84	0.077	18.84	0.077	18.87	0.077
15	64QAM	36	0	17.88	0.061	17.84	0.061	17.88	0.061
15	64QAM	36	20	17.82	0.061	17.82	0.061	17.78	0.060
15	64QAM	36	39	17.76	0.060	17.77	0.060	17.85	0.061
15	64QAM	75	0	17.86	0.061	17.89	0.062	17.90	0.062



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	20.76	0.119	20.84	0.121	20.73	0.118
10	QPSK	1	25	20.64	0.116	20.80	0.120	20.76	0.119
10	QPSK	1	49	20.55	0.114	20.67	0.117	20.57	0.114
10	QPSK	25	0	19.73	0.094	19.75	0.094	19.60	0.091
10	QPSK	25	12	19.70	0.093	19.73	0.094	19.66	0.092
10	QPSK	25	25	19.65	0.092	19.58	0.091	19.58	0.091
10	QPSK	50	0	19.60	0.091	19.69	0.093	19.55	0.090
10	16QAM	1	0	19.75	0.094	19.85	0.097	19.75	0.094
10	16QAM	1	25	19.76	0.095	19.85	0.097	19.77	0.095
10	16QAM	1	49	19.72	0.094	19.77	0.095	19.67	0.093
10	16QAM	25	0	18.71	0.074	18.72	0.074	18.78	0.076
10	16QAM	25	12	18.76	0.075	18.71	0.074	18.72	0.074
10	16QAM	25	25	18.72	0.074	18.67	0.074	18.57	0.072
10	16QAM	50	0	18.54	0.071	18.62	0.073	18.63	0.073
10	64QAM	1	0	18.91	0.078	19.00	0.079	18.90	0.078
10	64QAM	1	25	18.94	0.078	18.98	0.079	18.90	0.078
10	64QAM	1	49	18.87	0.077	18.84	0.077	18.82	0.076
10	64QAM	25	0	17.94	0.062	17.89	0.062	17.89	0.062
10	64QAM	25	12	17.74	0.059	17.92	0.062	17.80	0.060
10	64QAM	25	25	17.82	0.061	17.76	0.060	17.74	0.059
10	64QAM	50	0	17.96	0.063	17.90	0.062	17.98	0.063



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	20.78	0.120	20.72	0.118	20.71	0.118
5	QPSK	1	12	20.69	0.117	20.78	0.120	20.68	0.117
5	QPSK	1	24	20.60	0.115	20.74	0.119	20.65	0.116
5	QPSK	12	0	19.65	0.092	19.75	0.094	19.60	0.091
5	QPSK	12	7	19.68	0.093	19.66	0.092	19.69	0.093
5	QPSK	12	13	19.55	0.090	19.70	0.093	19.57	0.091
5	QPSK	25	0	19.47	0.089	19.65	0.092	19.57	0.091
5	16QAM	1	0	19.79	0.095	19.76	0.095	19.77	0.095
5	16QAM	1	12	19.75	0.094	19.75	0.094	19.73	0.094
5	16QAM	1	24	19.65	0.092	19.71	0.094	19.64	0.092
5	16QAM	12	0	18.81	0.076	18.78	0.076	18.77	0.075
5	16QAM	12	7	18.73	0.075	18.77	0.075	18.65	0.073
5	16QAM	12	13	18.73	0.075	18.64	0.073	18.63	0.073
5	16QAM	25	0	18.53	0.071	18.68	0.074	18.52	0.071
5	64QAM	1	0	19.03	0.080	19.02	0.080	19.03	0.001
5	64QAM	1	12	19.03	0.080	18.92	0.078	18.87	0.001
5	64QAM	1	24	18.85	0.077	18.87	0.077	18.86	0.001
5	64QAM	12	0	17.85	0.061	17.97	0.063	17.89	0.001
5	64QAM	12	7	17.78	0.060	17.91	0.062	17.87	0.001
5	64QAM	12	13	17.84	0.061	17.89	0.062	17.80	0.001
5	64QAM	25	0	17.93	0.062	17.95	0.062	17.96	0.001



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	20.01	0.100	20.06	0.101	20.03	0.101
20	QPSK	1	49	19.98	0.100	20.03	0.101	20.00	0.100
20	QPSK	1	99	19.95	0.099	20.00	0.100	19.98	0.100
20	QPSK	50	0	19.02	0.080	19.08	0.081	19.04	0.080
20	QPSK	50	24	18.96	0.079	19.04	0.080	19.00	0.079
20	QPSK	50	50	18.93	0.078	18.99	0.079	18.95	0.079
20	QPSK	100	0	19.02	0.080	19.04	0.080	19.00	0.079
20	16QAM	1	0	18.99	0.079	19.02	0.080	18.96	0.079
20	16QAM	1	49	18.95	0.079	18.98	0.079	18.97	0.079
20	16QAM	1	99	18.87	0.077	18.96	0.079	18.92	0.078
20	16QAM	50	0	18.09	0.064	18.16	0.065	18.14	0.065
20	16QAM	50	24	18.05	0.064	18.12	0.065	18.07	0.064
20	16QAM	50	50	17.94	0.062	18.09	0.064	17.98	0.063
20	16QAM	100	0	17.90	0.062	17.99	0.063	17.91	0.062
20	64QAM	1	0	18.16	0.065	18.22	0.066	18.20	0.066
20	64QAM	1	49	18.12	0.065	18.17	0.066	18.16	0.065
20	64QAM	1	99	18.15	0.065	18.19	0.066	18.13	0.065
20	64QAM	50	0	17.21	0.053	17.28	0.053	17.26	0.053
20	64QAM	50	24	17.18	0.052	17.22	0.053	17.21	0.053
20	64QAM	50	50	17.13	0.052	17.15	0.052	17.08	0.051
20	64QAM	100	0	17.12	0.052	17.22	0.053	17.19	0.052



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	19.99	0.100	19.94	0.099	19.95	0.099
15	QPSK	1	37	19.86	0.097	19.92	0.098	19.92	0.098
15	QPSK	1	74	19.87	0.097	19.89	0.097	19.87	0.097
15	QPSK	36	0	18.88	0.077	18.94	0.078	18.96	0.079
15	QPSK	36	20	18.93	0.078	19.00	0.079	18.97	0.079
15	QPSK	36	39	18.87	0.077	18.93	0.078	18.90	0.078
15	QPSK	75	0	19.01	0.080	19.01	0.080	18.88	0.077
15	16QAM	1	0	18.89	0.077	18.90	0.078	18.94	0.078
15	16QAM	1	37	18.90	0.078	18.93	0.078	18.84	0.077
15	16QAM	1	74	18.76	0.075	18.96	0.079	18.81	0.076
15	16QAM	36	0	18.08	0.064	18.13	0.065	18.04	0.064
15	16QAM	36	20	18.04	0.064	18.03	0.064	18.05	0.064
15	16QAM	36	39	17.89	0.062	17.97	0.063	17.92	0.062
15	16QAM	75	0	17.90	0.062	17.87	0.061	17.81	0.060
15	64QAM	1	0	18.16	0.065	18.22	0.066	18.20	0.066
15	64QAM	1	37	18.02	0.063	18.11	0.065	18.06	0.064
15	64QAM	1	74	18.11	0.065	18.14	0.065	18.02	0.063
15	64QAM	36	0	17.18	0.052	17.18	0.052	17.24	0.053
15	64QAM	36	20	17.20	0.052	17.23	0.053	17.20	0.052
15	64QAM	36	39	17.15	0.052	17.16	0.052	17.04	0.051
15	64QAM	75	0	17.13	0.052	17.23	0.053	17.20	0.052



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	20.00	0.100	19.92	0.098	19.95	0.099
10	QPSK	1	25	19.90	0.098	19.96	0.099	19.87	0.097
10	QPSK	1	49	19.95	0.099	19.91	0.098	19.85	0.097
10	QPSK	25	0	18.97	0.079	19.01	0.080	18.99	0.079
10	QPSK	25	12	18.94	0.078	18.93	0.078	18.86	0.077
10	QPSK	25	25	18.86	0.077	18.88	0.077	18.84	0.077
10	QPSK	50	0	18.98	0.079	18.99	0.079	18.94	0.078
10	16QAM	1	0	18.94	0.078	18.88	0.077	18.83	0.076
10	16QAM	1	25	18.88	0.077	18.96	0.079	18.92	0.078
10	16QAM	1	49	18.79	0.076	18.88	0.077	18.90	0.078
10	16QAM	25	0	18.08	0.064	18.09	0.064	18.08	0.064
10	16QAM	25	12	17.98	0.063	17.98	0.063	17.96	0.063
10	16QAM	25	25	17.92	0.062	18.09	0.064	17.98	0.063
10	16QAM	50	0	17.85	0.061	17.93	0.062	17.88	0.061
10	64QAM	1	0	18.14	0.065	18.13	0.065	18.19	0.066
10	64QAM	1	25	17.98	0.063	18.08	0.064	18.02	0.063
10	64QAM	1	49	18.15	0.065	18.06	0.064	18.01	0.063
10	64QAM	25	0	17.09	0.051	17.25	0.053	17.16	0.052
10	64QAM	25	12	17.10	0.051	17.10	0.051	17.09	0.051
10	64QAM	25	25	17.09	0.051	17.11	0.051	16.95	0.050
10	64QAM	50	0	17.06	0.051	17.16	0.052	17.16	0.052



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	19.93	0.098	19.95	0.099	20.01	0.100
5	QPSK	1	12	19.92	0.098	19.92	0.098	19.87	0.097
5	QPSK	1	24	19.87	0.097	19.98	0.100	19.89	0.097
5	QPSK	12	0	18.95	0.079	18.96	0.079	18.97	0.079
5	QPSK	12	7	18.85	0.077	19.00	0.079	18.92	0.078
5	QPSK	12	13	18.91	0.078	18.94	0.078	18.91	0.078
5	QPSK	25	0	18.94	0.078	19.00	0.079	18.95	0.079
5	16QAM	1	0	18.88	0.077	18.98	0.079	18.86	0.077
5	16QAM	1	12	18.83	0.076	18.97	0.079	18.93	0.078
5	16QAM	1	24	18.86	0.077	18.84	0.077	18.81	0.076
5	16QAM	12	0	17.96	0.063	18.16	0.065	18.06	0.064
5	16QAM	12	7	18.02	0.063	18.11	0.065	17.96	0.063
5	16QAM	12	13	17.90	0.062	18.03	0.064	17.91	0.062
5	16QAM	25	0	17.82	0.061	17.94	0.062	17.86	0.061
5	64QAM	1	0	18.03	0.064	18.15	0.065	18.10	0.065
5	64QAM	1	12	18.09	0.064	18.11	0.065	18.11	0.065
5	64QAM	1	24	18.09	0.064	18.18	0.066	18.02	0.063
5	64QAM	12	0	17.16	0.052	17.20	0.052	17.26	0.053
5	64QAM	12	7	17.07	0.051	17.20	0.052	17.22	0.053
5	64QAM	12	13	17.02	0.050	17.16	0.052	16.98	0.050
5	64QAM	25	0	17.10	0.051	17.17	0.052	17.15	0.052



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	19.89	0.097	19.93	0.098	19.78	0.095
3	QPSK	1	8	19.85	0.097	19.90	0.098	19.87	0.097
3	QPSK	1	14	19.76	0.095	19.77	0.095	19.81	0.096
3	QPSK	8	0	18.76	0.075	18.85	0.077	18.79	0.076
3	QPSK	8	4	18.84	0.077	18.84	0.077	18.79	0.076
3	QPSK	8	7	18.72	0.074	18.73	0.075	18.76	0.075
3	QPSK	15	0	18.83	0.076	18.91	0.078	18.88	0.077
3	16QAM	1	0	18.82	0.076	18.83	0.076	18.78	0.076
3	16QAM	1	8	18.79	0.076	18.84	0.077	18.77	0.075
3	16QAM	1	14	18.70	0.074	18.74	0.075	18.68	0.074
3	16QAM	8	0	17.84	0.061	17.92	0.062	17.94	0.062
3	16QAM	8	4	17.86	0.061	17.99	0.063	17.85	0.061
3	16QAM	8	7	17.79	0.060	17.95	0.062	17.76	0.060
3	16QAM	15	0	17.74	0.059	17.84	0.061	17.75	0.060
3	64QAM	1	0	18.07	0.064	18.11	0.065	18.11	0.065
3	64QAM	1	8	17.89	0.062	18.08	0.064	18.00	0.063
3	64QAM	1	14	17.93	0.062	17.99	0.063	17.92	0.062
3	64QAM	8	0	17.08	0.051	17.05	0.051	17.12	0.052
3	64QAM	8	4	16.96	0.050	17.11	0.051	17.10	0.051
3	64QAM	8	7	16.96	0.050	17.01	0.050	16.95	0.050
3	64QAM	15	0	16.93	0.049	17.08	0.051	17.05	0.051



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	19.83	0.096	19.93	0.098	19.85	0.097
1.4	QPSK	1	3	19.81	0.096	19.83	0.096	19.85	0.097
1.4	QPSK	1	5	19.70	0.093	19.87	0.097	19.78	0.095
1.4	QPSK	3	0	19.62	0.092	19.72	0.094	19.61	0.091
1.4	QPSK	3	1	19.57	0.091	19.68	0.093	19.69	0.093
1.4	QPSK	3	3	19.63	0.092	19.67	0.093	19.64	0.092
1.4	QPSK	6	0	18.80	0.076	18.84	0.077	18.83	0.076
1.4	16QAM	1	0	18.80	0.076	18.90	0.078	18.83	0.076
1.4	16QAM	1	3	18.73	0.075	18.76	0.075	18.71	0.074
1.4	16QAM	1	5	18.64	0.073	18.75	0.075	18.77	0.075
1.4	16QAM	3	0	18.76	0.075	18.78	0.076	18.72	0.074
1.4	16QAM	3	1	18.75	0.075	18.79	0.076	18.74	0.075
1.4	16QAM	3	3	18.65	0.073	18.72	0.074	18.61	0.073
1.4	16QAM	6	0	18.57	0.072	18.56	0.072	18.51	0.071
1.4	64QAM	1	0	17.97	0.063	18.10	0.065	18.04	0.064
1.4	64QAM	1	3	18.04	0.064	18.02	0.063	18.03	0.064
1.4	64QAM	1	5	18.01	0.063	18.02	0.063	17.95	0.062
1.4	64QAM	3	0	17.96	0.063	18.00	0.063	17.95	0.062
1.4	64QAM	3	1	17.92	0.062	17.95	0.062	17.88	0.061
1.4	64QAM	3	3	17.85	0.061	17.84	0.061	17.77	0.060
1.4	64QAM	6	0	16.91	0.049	17.06	0.051	17.09	0.051

**Bottom Antenna**

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	19.08	0.081	19.13	0.082	19.06	0.081
20	QPSK	1	49	19.06	0.081	19.10	0.081	19.02	0.080
20	QPSK	1	99	18.94	0.078	18.75	0.075	18.77	0.075
20	QPSK	50	0	18.18	0.066	18.28	0.067	18.22	0.066
20	QPSK	50	24	18.16	0.065	18.24	0.067	18.20	0.066
20	QPSK	50	50	18.15	0.065	18.21	0.066	18.15	0.065
20	QPSK	100	0	18.22	0.066	18.26	0.067	18.18	0.066
20	16QAM	1	0	18.45	0.070	18.51	0.071	18.41	0.069
20	16QAM	1	49	18.42	0.070	18.48	0.070	18.37	0.069
20	16QAM	1	99	18.35	0.068	18.39	0.069	18.36	0.069
20	16QAM	50	0	17.25	0.053	17.28	0.053	17.23	0.053
20	16QAM	50	24	17.23	0.053	17.24	0.053	17.21	0.053
20	16QAM	50	50	17.16	0.052	17.17	0.052	17.08	0.051
20	16QAM	100	0	17.17	0.052	17.20	0.052	17.16	0.052
20	64QAM	1	0	17.56	0.057	17.62	0.058	17.47	0.056
20	64QAM	1	49	17.54	0.057	17.55	0.057	17.49	0.056
20	64QAM	1	99	17.34	0.054	17.38	0.055	17.33	0.054
20	64QAM	50	0	16.42	0.044	16.47	0.044	16.44	0.044
20	64QAM	50	24	16.40	0.044	16.43	0.044	16.40	0.044
20	64QAM	50	50	16.36	0.043	16.41	0.044	16.39	0.044
20	64QAM	100	0	16.33	0.043	16.40	0.044	16.37	0.043



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	19.03	0.080	19.11	0.081	18.99	0.079
15	QPSK	1	37	18.95	0.079	18.97	0.079	18.90	0.078
15	QPSK	1	74	18.83	0.076	18.74	0.075	18.63	0.073
15	QPSK	36	0	18.09	0.064	18.21	0.066	18.13	0.065
15	QPSK	36	20	18.11	0.065	18.11	0.065	18.19	0.066
15	QPSK	36	39	18.10	0.065	18.12	0.065	18.11	0.065
15	QPSK	75	0	18.14	0.065	18.23	0.067	18.07	0.064
15	16QAM	1	0	18.39	0.069	18.36	0.069	18.33	0.068
15	16QAM	1	37	18.28	0.067	18.41	0.069	18.23	0.067
15	16QAM	1	74	18.22	0.066	18.27	0.067	18.27	0.067
15	16QAM	36	0	17.20	0.052	17.17	0.052	17.16	0.052
15	16QAM	36	20	17.19	0.052	17.11	0.051	17.18	0.052
15	16QAM	36	39	17.12	0.052	17.12	0.052	16.97	0.050
15	16QAM	75	0	17.10	0.051	17.14	0.052	17.04	0.051
15	64QAM	1	0	17.67	0.058	17.65	0.058	17.56	0.057
15	64QAM	1	37	17.57	0.057	17.54	0.057	17.60	0.058
15	64QAM	1	74	17.41	0.055	17.41	0.055	17.35	0.054
15	64QAM	36	0	16.42	0.044	16.58	0.045	16.46	0.044
15	64QAM	36	20	16.45	0.044	16.43	0.044	16.38	0.043
15	64QAM	36	39	16.37	0.043	16.40	0.044	16.40	0.044
15	64QAM	75	0	16.32	0.043	16.46	0.044	16.44	0.044



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	19.00	0.079	18.99	0.079	18.95	0.079
10	QPSK	1	25	19.01	0.080	19.04	0.080	18.92	0.078
10	QPSK	1	49	18.80	0.076	18.71	0.074	18.63	0.073
10	QPSK	25	0	18.14	0.065	18.25	0.067	18.15	0.065
10	QPSK	25	12	18.13	0.065	18.10	0.065	18.06	0.064
10	QPSK	25	25	18.08	0.064	18.08	0.064	18.01	0.063
10	QPSK	50	0	18.12	0.065	18.23	0.067	18.09	0.064
10	16QAM	1	0	18.36	0.069	18.50	0.071	18.33	0.068
10	16QAM	1	25	18.34	0.068	18.46	0.070	18.22	0.066
10	16QAM	1	49	18.24	0.067	18.31	0.068	18.30	0.068
10	16QAM	25	0	17.13	0.052	17.14	0.052	17.08	0.051
10	16QAM	25	12	17.15	0.052	17.17	0.052	17.18	0.052
10	16QAM	25	25	17.06	0.051	17.05	0.051	17.06	0.051
10	16QAM	50	0	17.15	0.052	17.05	0.051	17.11	0.051
10	64QAM	1	0	17.55	0.057	17.59	0.057	17.45	0.056
10	64QAM	1	25	17.58	0.057	17.54	0.057	17.50	0.056
10	64QAM	1	49	17.38	0.055	17.35	0.054	17.32	0.054
10	64QAM	25	0	16.51	0.045	16.45	0.044	16.53	0.045
10	64QAM	25	12	16.37	0.043	16.48	0.044	16.47	0.044
10	64QAM	25	25	16.31	0.043	16.45	0.044	16.36	0.043
10	64QAM	50	0	16.35	0.043	16.37	0.043	16.39	0.044



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	18.98	0.079	19.01	0.080	19.05	0.080
5	QPSK	1	12	18.99	0.079	19.03	0.080	18.98	0.079
5	QPSK	1	24	18.89	0.077	18.66	0.073	18.73	0.075
5	QPSK	12	0	18.07	0.064	18.20	0.066	18.18	0.066
5	QPSK	12	7	18.03	0.064	18.22	0.066	18.08	0.064
5	QPSK	12	13	18.03	0.064	18.20	0.066	18.00	0.063
5	QPSK	25	0	18.17	0.066	18.17	0.066	18.12	0.065
5	16QAM	1	0	18.34	0.068	18.36	0.069	18.29	0.067
5	16QAM	1	12	18.40	0.069	18.41	0.069	18.36	0.069
5	16QAM	1	24	18.34	0.068	18.28	0.067	18.24	0.067
5	16QAM	12	0	17.15	0.052	17.24	0.053	17.13	0.052
5	16QAM	12	7	17.16	0.052	17.21	0.053	17.06	0.051
5	16QAM	12	13	17.15	0.052	17.13	0.052	16.93	0.049
5	16QAM	25	0	17.02	0.050	17.09	0.051	17.09	0.051
5	64QAM	1	0	17.35	0.054	17.41	0.055	17.26	0.053
5	64QAM	1	12	17.42	0.055	17.41	0.055	17.31	0.054
5	64QAM	1	24	17.18	0.052	17.28	0.053	17.15	0.052
5	64QAM	12	0	16.32	0.043	16.32	0.043	16.23	0.042
5	64QAM	12	7	16.30	0.043	16.19	0.042	16.29	0.043
5	64QAM	12	13	16.12	0.041	16.20	0.042	16.28	0.042
5	64QAM	25	0	16.13	0.041	16.22	0.042	16.21	0.042



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	19.04	0.080	19.04	0.080	18.92	0.078
3	QPSK	1	8	18.96	0.079	19.05	0.080	18.95	0.079
3	QPSK	1	14	18.83	0.076	18.70	0.074	18.68	0.074
3	QPSK	8	0	18.06	0.064	18.14	0.065	18.09	0.064
3	QPSK	8	4	18.15	0.065	18.10	0.065	18.11	0.065
3	QPSK	8	7	18.14	0.065	18.09	0.064	18.05	0.064
3	QPSK	15	0	18.19	0.066	18.11	0.065	18.14	0.065
3	16QAM	1	0	18.39	0.069	18.50	0.071	18.40	0.069
3	16QAM	1	8	18.29	0.067	18.36	0.069	18.27	0.067
3	16QAM	1	14	18.22	0.066	18.33	0.068	18.25	0.067
3	16QAM	8	0	17.15	0.052	17.14	0.052	17.09	0.051
3	16QAM	8	4	17.16	0.052	17.18	0.052	17.08	0.051
3	16QAM	8	7	17.01	0.050	17.12	0.052	17.05	0.051
3	16QAM	15	0	17.06	0.051	17.10	0.051	17.01	0.050
3	64QAM	1	0	17.42	0.055	17.40	0.055	17.29	0.054
3	64QAM	1	8	17.38	0.055	17.37	0.055	17.36	0.054
3	64QAM	1	14	17.12	0.052	17.27	0.053	17.17	0.052
3	64QAM	8	0	16.19	0.042	16.23	0.042	16.22	0.042
3	64QAM	8	4	16.22	0.042	16.26	0.042	16.23	0.042
3	64QAM	8	7	16.17	0.041	16.21	0.042	16.22	0.042
3	64QAM	15	0	16.18	0.041	16.29	0.043	16.17	0.041



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	18.99	0.079	19.05	0.080	19.00	0.079
1.4	QPSK	1	3	18.96	0.079	18.96	0.079	18.95	0.079
1.4	QPSK	1	5	18.86	0.077	18.73	0.075	18.67	0.074
1.4	QPSK	3	0	18.99	0.079	18.88	0.077	19.01	0.080
1.4	QPSK	3	1	18.86	0.077	18.90	0.078	18.96	0.079
1.4	QPSK	3	3	19.03	0.080	19.12	0.082	19.08	0.081
1.4	QPSK	6	0	18.12	0.065	18.14	0.065	18.15	0.065
1.4	16QAM	1	0	18.40	0.069	18.50	0.071	18.27	0.067
1.4	16QAM	1	3	18.37	0.069	18.39	0.069	18.33	0.068
1.4	16QAM	1	5	18.28	0.067	18.24	0.067	18.25	0.067
1.4	16QAM	3	0	18.24	0.067	18.16	0.065	18.21	0.066
1.4	16QAM	3	1	18.16	0.065	18.14	0.065	18.15	0.065
1.4	16QAM	3	3	18.11	0.065	18.05	0.064	17.97	0.063
1.4	16QAM	6	0	17.13	0.052	17.06	0.051	17.06	0.051
1.4	64QAM	1	0	17.51	0.056	17.51	0.056	17.37	0.055
1.4	64QAM	1	3	17.46	0.056	17.48	0.056	17.40	0.055
1.4	64QAM	1	5	17.28	0.053	17.33	0.054	17.28	0.053
1.4	64QAM	3	0	17.33	0.054	17.30	0.054	17.25	0.053
1.4	64QAM	3	1	17.32	0.054	17.33	0.054	17.22	0.053
1.4	64QAM	3	3	17.22	0.053	17.27	0.053	17.28	0.053
1.4	64QAM	6	0	16.21	0.042	16.31	0.043	16.32	0.043



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	19.96	0.099	19.98	0.100	19.92	0.098
20	QPSK	1	49	19.83	0.096	19.93	0.098	19.87	0.097
20	QPSK	1	99	19.69	0.093	19.78	0.095	19.74	0.094
20	QPSK	50	0	18.91	0.078	18.95	0.079	18.92	0.078
20	QPSK	50	24	18.90	0.078	18.93	0.078	18.87	0.077
20	QPSK	50	50	18.85	0.077	18.88	0.077	18.86	0.077
20	QPSK	100	0	18.90	0.078	18.92	0.078	18.88	0.077
20	16QAM	1	0	18.95	0.079	18.98	0.079	18.91	0.078
20	16QAM	1	49	18.91	0.078	18.95	0.079	18.89	0.077
20	16QAM	1	99	18.82	0.076	18.87	0.077	18.85	0.077
20	16QAM	50	0	17.89	0.062	17.97	0.063	17.94	0.062
20	16QAM	50	24	17.86	0.061	17.94	0.062	17.90	0.062
20	16QAM	50	50	17.84	0.061	17.90	0.062	17.87	0.061
20	16QAM	100	0	17.91	0.062	17.98	0.063	17.97	0.063
20	64QAM	1	0	18.24	0.067	18.30	0.068	18.26	0.067
20	64QAM	1	49	18.16	0.065	18.22	0.066	18.20	0.066
20	64QAM	1	99	18.07	0.064	18.14	0.065	18.12	0.065
20	64QAM	50	0	17.17	0.052	17.22	0.053	17.19	0.052
20	64QAM	50	24	17.11	0.051	17.17	0.052	17.15	0.052
20	64QAM	50	50	17.07	0.051	17.14	0.052	17.13	0.052
20	64QAM	100	0	17.04	0.051	17.12	0.052	17.09	0.051



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	19.94	0.099	19.89	0.097	19.89	0.097
15	QPSK	1	37	19.82	0.096	19.81	0.096	19.77	0.095
15	QPSK	1	74	19.58	0.091	19.64	0.092	19.71	0.094
15	QPSK	36	0	18.78	0.076	18.82	0.076	18.84	0.077
15	QPSK	36	20	18.89	0.077	18.90	0.078	18.72	0.074
15	QPSK	36	39	18.76	0.075	18.84	0.077	18.80	0.076
15	QPSK	75	0	18.88	0.077	18.91	0.078	18.80	0.076
15	16QAM	1	0	18.87	0.077	18.84	0.077	18.81	0.076
15	16QAM	1	37	18.90	0.078	18.88	0.077	18.84	0.077
15	16QAM	1	74	18.72	0.074	18.86	0.077	18.83	0.076
15	16QAM	36	0	17.75	0.060	17.85	0.061	17.89	0.062
15	16QAM	36	20	17.74	0.059	17.89	0.062	17.79	0.060
15	16QAM	36	39	17.71	0.059	17.79	0.060	17.77	0.060
15	16QAM	75	0	17.82	0.061	17.94	0.062	17.83	0.061
15	64QAM	1	0	18.15	0.065	18.29	0.067	18.22	0.066
15	64QAM	1	37	18.16	0.065	18.16	0.065	18.13	0.065
15	64QAM	1	74	17.98	0.063	18.12	0.065	18.01	0.063
15	64QAM	36	0	17.16	0.052	17.18	0.052	17.15	0.052
15	64QAM	36	20	17.01	0.050	17.10	0.051	17.13	0.052
15	64QAM	36	39	16.95	0.050	17.01	0.050	17.03	0.050
15	64QAM	75	0	17.00	0.050	17.12	0.052	16.98	0.050



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	19.95	0.099	19.85	0.097	19.80	0.095
10	QPSK	1	25	19.74	0.094	19.88	0.097	19.83	0.096
10	QPSK	1	49	19.60	0.091	19.63	0.092	19.65	0.092
10	QPSK	25	0	18.78	0.076	18.92	0.078	18.79	0.076
10	QPSK	25	12	18.85	0.077	18.78	0.076	18.72	0.074
10	QPSK	25	25	18.79	0.076	18.84	0.077	18.82	0.076
10	QPSK	50	0	18.87	0.077	18.83	0.076	18.86	0.077
10	16QAM	1	0	18.81	0.076	18.83	0.076	18.76	0.075
10	16QAM	1	25	18.85	0.077	18.93	0.078	18.86	0.077
10	16QAM	1	49	18.78	0.076	18.78	0.076	18.74	0.075
10	16QAM	25	0	17.80	0.060	17.93	0.062	17.89	0.062
10	16QAM	25	12	17.78	0.060	17.88	0.061	17.78	0.060
10	16QAM	25	25	17.71	0.059	17.88	0.061	17.79	0.060
10	16QAM	50	0	17.82	0.061	17.95	0.062	17.86	0.061
10	64QAM	1	0	18.26	0.067	18.31	0.068	18.23	0.067
10	64QAM	1	25	18.15	0.065	18.15	0.065	18.11	0.065
10	64QAM	1	49	17.97	0.063	18.16	0.065	18.08	0.064
10	64QAM	25	0	17.19	0.052	17.16	0.052	17.11	0.051
10	64QAM	25	12	17.07	0.051	17.07	0.051	17.08	0.051
10	64QAM	25	25	16.95	0.050	17.14	0.052	17.02	0.050
10	64QAM	50	0	17.03	0.050	17.04	0.051	17.05	0.051



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	19.81	0.096	19.93	0.098	19.84	0.096
5	QPSK	1	12	19.80	0.095	19.90	0.098	19.83	0.096
5	QPSK	1	24	19.60	0.091	19.73	0.094	19.66	0.092
5	QPSK	12	0	18.84	0.077	18.89	0.077	18.78	0.076
5	QPSK	12	7	18.84	0.077	18.80	0.076	18.83	0.076
5	QPSK	12	13	18.76	0.075	18.80	0.076	18.79	0.076
5	QPSK	25	0	18.83	0.076	18.83	0.076	18.78	0.076
5	16QAM	1	0	18.94	0.078	18.90	0.078	18.82	0.076
5	16QAM	1	12	18.87	0.077	18.80	0.076	18.76	0.075
5	16QAM	1	24	18.70	0.074	18.78	0.076	18.71	0.074
5	16QAM	12	0	17.88	0.061	17.92	0.062	17.91	0.062
5	16QAM	12	7	17.71	0.059	17.84	0.061	17.86	0.061
5	16QAM	12	13	17.80	0.060	17.84	0.061	17.82	0.061
5	16QAM	25	0	17.89	0.062	17.92	0.062	17.89	0.062
5	64QAM	1	0	18.24	0.067	18.20	0.066	18.19	0.066
5	64QAM	1	12	18.17	0.066	18.23	0.067	18.15	0.065
5	64QAM	1	24	18.05	0.064	18.07	0.064	18.05	0.064
5	64QAM	12	0	17.07	0.051	17.15	0.052	17.15	0.052
5	64QAM	12	7	17.08	0.051	17.11	0.051	17.11	0.051
5	64QAM	12	13	17.07	0.051	17.03	0.050	17.03	0.050
5	64QAM	25	0	17.00	0.050	17.06	0.051	16.99	0.050



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	19.92	0.098	19.93	0.098	19.81	0.096
3	QPSK	1	8	19.76	0.095	19.92	0.098	19.82	0.096
3	QPSK	1	14	19.56	0.090	19.73	0.094	19.59	0.091
3	QPSK	8	0	18.90	0.078	18.83	0.076	18.82	0.076
3	QPSK	8	4	18.88	0.077	18.87	0.077	18.84	0.077
3	QPSK	8	7	18.72	0.074	18.86	0.077	18.79	0.076
3	QPSK	15	0	18.86	0.077	18.88	0.077	18.82	0.076
3	16QAM	1	0	18.83	0.076	18.96	0.079	18.83	0.076
3	16QAM	1	8	18.87	0.077	18.82	0.076	18.77	0.075
3	16QAM	1	14	18.81	0.076	18.86	0.077	18.84	0.077
3	16QAM	8	0	17.85	0.061	17.88	0.061	17.88	0.061
3	16QAM	8	4	17.76	0.060	17.82	0.061	17.83	0.061
3	16QAM	8	7	17.80	0.060	17.76	0.060	17.77	0.060
3	16QAM	15	0	17.82	0.061	17.91	0.062	17.96	0.063
3	64QAM	1	0	18.11	0.065	18.22	0.066	18.18	0.066
3	64QAM	1	8	18.12	0.065	18.15	0.065	18.14	0.065
3	64QAM	1	14	17.91	0.062	18.06	0.064	18.03	0.064
3	64QAM	8	0	17.11	0.051	17.15	0.052	17.03	0.050
3	64QAM	8	4	17.01	0.050	17.05	0.051	16.99	0.050
3	64QAM	8	7	16.99	0.050	17.03	0.050	16.97	0.050
3	64QAM	15	0	16.87	0.049	17.04	0.051	17.03	0.050



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	19.92	0.098	19.97	0.099	19.81	0.096
1.4	QPSK	1	3	19.73	0.094	19.89	0.097	19.75	0.094
1.4	QPSK	1	5	19.58	0.091	19.65	0.092	19.69	0.093
1.4	QPSK	3	0	19.70	0.093	19.74	0.094	19.68	0.093
1.4	QPSK	3	1	19.58	0.091	19.72	0.094	19.65	0.092
1.4	QPSK	3	3	19.59	0.091	19.64	0.092	19.55	0.090
1.4	QPSK	6	0	18.86	0.077	18.80	0.076	18.75	0.075
1.4	16QAM	1	0	18.84	0.077	18.86	0.077	18.77	0.075
1.4	16QAM	1	3	18.80	0.076	18.88	0.077	18.85	0.077
1.4	16QAM	1	5	18.71	0.074	18.73	0.075	18.74	0.075
1.4	16QAM	3	0	18.57	0.072	18.63	0.073	18.62	0.073
1.4	16QAM	3	1	18.65	0.073	18.61	0.073	18.55	0.072
1.4	16QAM	3	3	18.61	0.073	18.68	0.074	18.61	0.073
1.4	16QAM	6	0	17.82	0.061	17.88	0.061	17.84	0.061
1.4	64QAM	1	0	18.15	0.065	18.22	0.066	18.21	0.066
1.4	64QAM	1	3	18.02	0.063	18.08	0.064	18.16	0.065
1.4	64QAM	1	5	17.99	0.063	18.01	0.063	18.09	0.064
1.4	64QAM	3	0	17.88	0.061	17.98	0.063	17.88	0.061
1.4	64QAM	3	1	17.90	0.062	17.91	0.062	17.83	0.061
1.4	64QAM	3	3	17.73	0.059	17.79	0.060	17.87	0.061
1.4	64QAM	6	0	16.99	0.050	17.10	0.051	17.00	0.050



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	11.50	0.014	11.56	0.014	11.52	0.014
10	QPSK	1	25	11.46	0.014	11.53	0.014	11.49	0.014
10	QPSK	1	49	11.43	0.014	11.49	0.014	11.47	0.014
10	QPSK	25	0	10.58	0.011	10.64	0.012	10.60	0.011
10	QPSK	25	12	10.53	0.011	10.60	0.011	10.57	0.011
10	QPSK	25	25	10.47	0.011	10.52	0.011	10.50	0.011
10	QPSK	50	0	10.53	0.011	10.57	0.011	10.52	0.011
10	16QAM	1	0	10.54	0.011	10.61	0.012	10.58	0.011
10	16QAM	1	25	10.50	0.011	10.57	0.011	10.52	0.011
10	16QAM	1	49	10.51	0.011	10.55	0.011	10.49	0.011
10	16QAM	25	0	9.44	0.009	9.51	0.009	9.47	0.009
10	16QAM	25	12	9.42	0.009	9.46	0.009	9.42	0.009
10	16QAM	25	25	9.41	0.009	9.48	0.009	9.46	0.009
10	16QAM	50	0	9.51	0.009	9.53	0.009	9.48	0.009
10	64QAM	1	0	9.68	0.009	9.70	0.009	9.66	0.009
10	64QAM	1	25	9.63	0.009	9.66	0.009	9.68	0.009
10	64QAM	1	49	9.65	0.009	9.64	0.009	9.65	0.009
10	64QAM	25	0	8.63	0.007	8.69	0.007	8.59	0.007
10	64QAM	25	12	8.58	0.007	8.60	0.007	8.55	0.007
10	64QAM	25	25	8.55	0.007	8.61	0.007	8.57	0.007
10	64QAM	50	0	8.52	0.007	8.56	0.007	8.52	0.007



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	11.38	0.014	11.49	0.014	11.39	0.014
5	QPSK	1	12	11.33	0.014	11.39	0.014	11.35	0.014
5	QPSK	1	24	11.31	0.014	11.38	0.014	11.34	0.014
5	QPSK	12	0	10.53	0.011	10.53	0.011	10.51	0.011
5	QPSK	12	7	10.50	0.011	10.50	0.011	10.46	0.011
5	QPSK	12	13	10.34	0.011	10.44	0.011	10.49	0.011
5	QPSK	25	0	10.38	0.011	10.45	0.011	10.41	0.011
5	16QAM	1	0	10.52	0.011	10.52	0.011	10.46	0.011
5	16QAM	1	12	10.39	0.011	10.51	0.011	10.49	0.011
5	16QAM	1	24	10.50	0.011	10.51	0.011	10.45	0.011
5	16QAM	12	0	9.39	0.009	9.45	0.009	9.38	0.009
5	16QAM	12	7	9.32	0.009	9.34	0.009	9.28	0.008
5	16QAM	12	13	9.32	0.009	9.34	0.009	9.34	0.009
5	16QAM	25	0	9.46	0.009	9.47	0.009	9.46	0.009
5	64QAM	1	0	9.70	0.009	9.64	0.009	9.73	0.009
5	64QAM	1	12	9.68	0.009	9.67	0.009	9.64	0.009
5	64QAM	1	24	9.63	0.009	9.59	0.009	9.61	0.009
5	64QAM	12	0	8.71	0.007	8.64	0.007	8.57	0.007
5	64QAM	12	7	8.59	0.007	8.68	0.007	8.62	0.007
5	64QAM	12	13	8.49	0.007	8.65	0.007	8.63	0.007
5	64QAM	25	0	8.51	0.007	8.54	0.007	8.48	0.007



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	11.41	0.014	11.44	0.014	11.51	0.014
3	QPSK	1	8	11.45	0.014	11.44	0.014	11.34	0.014
3	QPSK	1	14	11.33	0.014	11.40	0.014	11.34	0.014
3	QPSK	8	0	10.53	0.011	10.59	0.011	10.54	0.011
3	QPSK	8	4	10.47	0.011	10.55	0.011	10.43	0.011
3	QPSK	8	7	10.41	0.011	10.38	0.011	10.44	0.011
3	QPSK	15	0	10.51	0.011	10.44	0.011	10.42	0.011
3	16QAM	1	0	10.41	0.011	10.53	0.011	10.49	0.011
3	16QAM	1	8	10.49	0.011	10.55	0.011	10.41	0.011
3	16QAM	1	14	10.41	0.011	10.42	0.011	10.47	0.011
3	16QAM	8	0	9.31	0.009	9.50	0.009	9.42	0.009
3	16QAM	8	4	9.35	0.009	9.44	0.009	9.34	0.009
3	16QAM	8	7	9.32	0.009	9.33	0.009	9.44	0.009
3	16QAM	15	0	9.47	0.009	9.45	0.009	9.42	0.009
3	64QAM	1	0	9.75	0.009	9.72	0.009	9.73	0.009
3	64QAM	1	8	9.58	0.009	9.68	0.009	9.74	0.009
3	64QAM	1	14	9.70	0.009	9.71	0.009	9.66	0.009
3	64QAM	8	0	8.62	0.007	8.71	0.007	8.66	0.007
3	64QAM	8	4	8.56	0.007	8.67	0.007	8.61	0.007
3	64QAM	8	7	8.54	0.007	8.66	0.007	8.53	0.007
3	64QAM	15	0	8.59	0.007	8.57	0.007	8.55	0.007



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	11.44	0.014	11.48	0.014	11.46	0.014
1.4	QPSK	1	3	11.45	0.014	11.43	0.014	11.42	0.014
1.4	QPSK	1	5	11.33	0.014	11.37	0.014	11.44	0.014
1.4	QPSK	3	0	11.30	0.013	11.43	0.014	11.26	0.013
1.4	QPSK	3	1	11.22	0.013	11.35	0.014	11.36	0.014
1.4	QPSK	3	3	11.13	0.013	11.24	0.013	11.20	0.013
1.4	QPSK	6	0	10.45	0.011	10.43	0.011	10.45	0.011
1.4	16QAM	1	0	10.53	0.011	10.56	0.011	10.50	0.011
1.4	16QAM	1	3	10.46	0.011	10.43	0.011	10.40	0.011
1.4	16QAM	1	5	10.49	0.011	10.47	0.011	10.48	0.011
1.4	16QAM	3	0	10.21	0.010	10.22	0.011	10.17	0.010
1.4	16QAM	3	1	10.21	0.010	10.21	0.010	10.07	0.010
1.4	16QAM	3	3	10.10	0.010	10.19	0.010	10.21	0.010
1.4	16QAM	6	0	9.50	0.009	9.42	0.009	9.46	0.009
1.4	64QAM	1	0	9.79	0.010	9.69	0.009	9.65	0.009
1.4	64QAM	1	3	9.73	0.009	9.71	0.009	9.78	0.010
1.4	64QAM	1	5	9.63	0.009	9.65	0.009	9.69	0.009
1.4	64QAM	3	0	9.48	0.009	9.50	0.009	9.49	0.009
1.4	64QAM	3	1	9.46	0.009	9.48	0.009	9.35	0.009
1.4	64QAM	3	3	9.34	0.009	9.47	0.009	9.35	0.009
1.4	64QAM	6	0	8.50	0.007	8.53	0.007	8.51	0.007



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	18.84	0.077	18.89	0.077	18.86	0.077
20	QPSK	1	49	18.82	0.076	18.86	0.077	18.83	0.076
20	QPSK	1	99	18.74	0.075	18.80	0.076	18.78	0.076
20	QPSK	50	0	17.80	0.060	17.85	0.061	17.82	0.061
20	QPSK	50	24	17.76	0.060	17.84	0.061	17.77	0.060
20	QPSK	50	50	17.66	0.058	17.78	0.060	17.68	0.059
20	QPSK	100	0	17.71	0.059	17.77	0.060	17.72	0.059
20	16QAM	1	0	17.86	0.061	17.98	0.063	17.89	0.062
20	16QAM	1	49	17.84	0.061	17.95	0.062	17.91	0.062
20	16QAM	1	99	17.81	0.060	17.91	0.062	17.84	0.061
20	16QAM	50	0	16.84	0.048	16.88	0.049	16.84	0.048
20	16QAM	50	24	16.78	0.048	16.82	0.048	16.78	0.048
20	16QAM	50	50	16.74	0.047	16.81	0.048	16.75	0.047
20	16QAM	100	0	16.85	0.048	16.89	0.049	16.87	0.049
20	64QAM	1	0	17.11	0.051	17.15	0.052	17.10	0.051
20	64QAM	1	49	17.05	0.051	17.06	0.051	17.03	0.050
20	64QAM	1	99	17.01	0.050	17.02	0.050	16.99	0.050
20	64QAM	50	0	16.18	0.041	16.22	0.042	16.14	0.041
20	64QAM	50	24	16.06	0.040	16.15	0.041	16.01	0.040
20	64QAM	50	50	16.08	0.041	16.10	0.041	16.04	0.040
20	64QAM	100	0	16.10	0.041	16.15	0.041	15.99	0.040



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	18.71	0.074	18.78	0.076	18.73	0.075
15	QPSK	1	37	18.70	0.074	18.76	0.075	18.81	0.076
15	QPSK	1	74	18.63	0.073	18.78	0.076	18.73	0.075
15	QPSK	36	0	17.78	0.060	17.78	0.060	17.80	0.060
15	QPSK	36	20	17.67	0.058	17.69	0.059	17.73	0.059
15	QPSK	36	39	17.52	0.056	17.76	0.060	17.63	0.058
15	QPSK	75	0	17.64	0.058	17.73	0.059	17.70	0.059
15	16QAM	1	0	17.76	0.060	17.88	0.061	17.86	0.061
15	16QAM	1	37	17.70	0.059	17.85	0.061	17.76	0.060
15	16QAM	1	74	17.74	0.059	17.76	0.060	17.69	0.059
15	16QAM	36	0	16.70	0.047	16.77	0.048	16.69	0.047
15	16QAM	36	20	16.68	0.047	16.81	0.048	16.76	0.047
15	16QAM	36	39	16.60	0.046	16.68	0.047	16.61	0.046
15	16QAM	75	0	16.77	0.048	16.76	0.047	16.73	0.047
15	64QAM	1	0	17.01	0.050	17.09	0.051	17.01	0.050
15	64QAM	1	37	16.89	0.049	16.94	0.049	16.93	0.049
15	64QAM	1	74	16.89	0.049	16.95	0.050	16.85	0.048
15	64QAM	36	0	16.08	0.041	16.19	0.042	16.11	0.041
15	64QAM	36	20	15.92	0.039	16.06	0.040	15.88	0.039
15	64QAM	36	39	15.93	0.039	15.95	0.039	15.99	0.040
15	64QAM	75	0	15.96	0.039	16.12	0.041	15.91	0.039



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	18.71	0.074	18.85	0.077	18.76	0.075
10	QPSK	1	25	18.76	0.075	18.76	0.075	18.78	0.076
10	QPSK	1	49	18.69	0.074	18.75	0.075	18.70	0.074
10	QPSK	25	0	17.76	0.060	17.74	0.059	17.75	0.060
10	QPSK	25	12	17.66	0.058	17.69	0.059	17.74	0.059
10	QPSK	25	25	17.60	0.058	17.66	0.058	17.64	0.058
10	QPSK	50	0	17.67	0.058	17.62	0.058	17.69	0.059
10	16QAM	1	0	17.85	0.061	17.96	0.063	17.85	0.061
10	16QAM	1	25	17.80	0.060	17.91	0.062	17.76	0.060
10	16QAM	1	49	17.71	0.059	17.81	0.060	17.70	0.059
10	16QAM	25	0	16.79	0.048	16.75	0.047	16.77	0.048
10	16QAM	25	12	16.67	0.046	16.67	0.046	16.67	0.046
10	16QAM	25	25	16.69	0.047	16.78	0.048	16.70	0.047
10	16QAM	50	0	16.77	0.048	16.85	0.048	16.78	0.048
10	64QAM	1	0	17.06	0.051	17.14	0.052	16.96	0.050
10	64QAM	1	25	16.97	0.050	17.03	0.050	16.95	0.050
10	64QAM	1	49	16.94	0.049	16.93	0.049	16.98	0.050
10	64QAM	25	0	16.16	0.041	16.09	0.041	16.03	0.040
10	64QAM	25	12	15.96	0.039	16.06	0.040	15.95	0.039
10	64QAM	25	25	16.00	0.040	16.00	0.040	15.93	0.039
10	64QAM	50	0	16.01	0.040	16.13	0.041	15.98	0.040



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	18.77	0.075	18.85	0.077	18.77	0.075
5	QPSK	1	12	18.79	0.076	18.75	0.075	18.68	0.074
5	QPSK	1	24	18.61	0.073	18.74	0.075	18.75	0.075
5	QPSK	12	0	17.65	0.058	17.75	0.060	17.70	0.059
5	QPSK	12	7	17.61	0.058	17.72	0.059	17.62	0.058
5	QPSK	12	13	17.56	0.057	17.75	0.060	17.67	0.058
5	QPSK	25	0	17.57	0.057	17.62	0.058	17.66	0.058
5	16QAM	1	0	17.76	0.060	17.91	0.062	17.82	0.061
5	16QAM	1	12	17.76	0.060	17.88	0.061	17.85	0.061
5	16QAM	1	24	17.76	0.060	17.80	0.060	17.71	0.059
5	16QAM	12	0	16.73	0.047	16.80	0.048	16.77	0.048
5	16QAM	12	7	16.76	0.047	16.79	0.048	16.65	0.046
5	16QAM	12	13	16.71	0.047	16.69	0.047	16.67	0.046
5	16QAM	25	0	16.84	0.048	16.85	0.048	16.79	0.048
5	64QAM	1	0	17.02	0.050	17.08	0.051	17.01	0.050
5	64QAM	1	12	17.05	0.051	16.97	0.050	16.94	0.049
5	64QAM	1	24	16.91	0.049	16.90	0.049	16.96	0.050
5	64QAM	12	0	16.11	0.041	16.15	0.041	16.03	0.040
5	64QAM	12	7	16.03	0.040	16.04	0.040	15.92	0.039
5	64QAM	12	13	15.97	0.040	16.06	0.040	15.96	0.039
5	64QAM	25	0	16.01	0.040	16.13	0.041	15.94	0.039



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	/	/	10.77	0.012	/	/
10	QPSK	1	25	/	/	10.71	0.012	/	/
10	QPSK	1	49	/	/	10.66	0.012	/	/
10	QPSK	25	0	/	/	9.73	0.009	/	/
10	QPSK	25	12	/	/	9.68	0.009	/	/
10	QPSK	25	25	/	/	9.65	0.009	/	/
10	QPSK	50	0	/	/	9.62	0.009	/	/
10	16QAM	1	0	/	/	9.79	0.010	/	/
10	16QAM	1	25	/	/	9.75	0.009	/	/
10	16QAM	1	49	/	/	9.71	0.009	/	/
10	16QAM	25	0	/	/	8.63	0.007	/	/
10	16QAM	25	12	/	/	8.60	0.007	/	/
10	16QAM	25	25	/	/	8.57	0.007	/	/
10	16QAM	50	0	/	/	8.55	0.007	/	/
10	64QAM	1	0	/	/	8.85	0.008	/	/
10	64QAM	1	25	/	/	8.79	0.008	/	/
10	64QAM	1	49	/	/	8.81	0.008	/	/
10	64QAM	25	0	/	/	7.84	0.006	/	/
10	64QAM	25	12	/	/	7.80	0.006	/	/
10	64QAM	25	25	/	/	7.78	0.006	/	/
10	64QAM	50	0	/	/	7.75	0.006	/	/



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	10.69	0.012	10.76	0.012	10.64	0.012
5	QPSK	1	12	10.62	0.012	10.56	0.011	10.60	0.011
5	QPSK	1	24	10.61	0.012	10.59	0.011	10.57	0.011
5	QPSK	12	0	9.63	0.009	9.61	0.009	9.61	0.009
5	QPSK	12	7	9.64	0.009	9.66	0.009	9.63	0.009
5	QPSK	12	13	9.61	0.009	9.60	0.009	9.63	0.009
5	QPSK	25	0	9.48	0.009	9.48	0.009	9.50	0.009
5	16QAM	1	0	9.64	0.009	9.78	0.010	9.71	0.009
5	16QAM	1	12	9.73	0.009	9.66	0.009	9.67	0.009
5	16QAM	1	24	9.64	0.009	9.60	0.009	9.70	0.009
5	16QAM	12	0	8.60	0.007	8.49	0.007	8.53	0.007
5	16QAM	12	7	8.48	0.007	8.46	0.007	8.58	0.007
5	16QAM	12	13	8.55	0.007	8.53	0.007	8.48	0.007
5	16QAM	25	0	8.41	0.007	8.46	0.007	8.44	0.007
5	64QAM	1	0	8.79	0.008	8.75	0.007	8.82	0.008
5	64QAM	1	12	8.79	0.008	8.73	0.007	8.76	0.008
5	64QAM	1	24	8.79	0.008	8.79	0.008	8.73	0.007
5	64QAM	12	0	7.72	0.006	7.80	0.006	7.84	0.006
5	64QAM	12	7	7.75	0.006	7.78	0.006	7.82	0.006
5	64QAM	12	13	7.69	0.006	7.67	0.006	7.67	0.006
5	64QAM	25	0	7.77	0.006	7.64	0.006	7.71	0.006



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	11.58	0.014	11.62	0.015	11.60	0.014
15	QPSK	1	37	11.57	0.014	11.58	0.014	11.55	0.014
15	QPSK	1	74	11.53	0.014	11.58	0.014	11.53	0.014
15	QPSK	36	0	10.61	0.012	10.67	0.012	10.65	0.012
15	QPSK	36	20	10.55	0.011	10.62	0.012	10.59	0.011
15	QPSK	36	39	10.56	0.011	10.59	0.011	10.56	0.011
15	QPSK	75	0	10.55	0.011	10.61	0.012	10.54	0.011
15	16QAM	1	0	10.59	0.011	10.63	0.012	10.60	0.011
15	16QAM	1	37	10.54	0.011	10.57	0.011	10.56	0.011
15	16QAM	1	74	10.58	0.011	10.60	0.011	10.55	0.011
15	16QAM	36	0	9.49	0.009	9.60	0.009	9.50	0.009
15	16QAM	36	20	9.50	0.009	9.58	0.009	9.51	0.009
15	16QAM	36	39	9.46	0.009	9.55	0.009	9.53	0.009
15	16QAM	75	0	9.48	0.009	9.53	0.009	9.50	0.009
15	64QAM	1	0	9.74	0.009	9.81	0.010	9.76	0.009
15	64QAM	1	37	9.67	0.009	9.78	0.010	9.74	0.009
15	64QAM	1	74	9.64	0.009	9.72	0.009	9.71	0.009
15	64QAM	36	0	8.78	0.008	8.80	0.008	8.77	0.008
15	64QAM	36	20	8.66	0.007	8.78	0.008	8.75	0.007
15	64QAM	36	39	8.74	0.007	8.76	0.008	8.71	0.007
15	64QAM	75	0	8.64	0.007	8.75	0.007	8.69	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				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	11.47	0.014	11.49	0.014	11.52	0.014
10	QPSK	1	25	11.47	0.014	11.45	0.014	11.49	0.014
10	QPSK	1	49	11.34	0.014	11.37	0.014	11.42	0.014
10	QPSK	25	0	10.47	0.011	10.46	0.011	10.54	0.011
10	QPSK	25	12	10.39	0.011	10.39	0.011	10.48	0.011
10	QPSK	25	25	10.40	0.011	10.36	0.011	10.45	0.011
10	QPSK	50	0	10.40	0.011	10.41	0.011	10.43	0.011
10	16QAM	1	0	10.47	0.011	10.42	0.011	10.49	0.011
10	16QAM	1	25	10.34	0.011	10.35	0.011	10.45	0.011
10	16QAM	1	49	10.41	0.011	10.32	0.011	10.44	0.011
10	16QAM	25	0	9.32	0.009	9.32	0.009	9.39	0.009
10	16QAM	25	12	9.35	0.009	9.37	0.009	9.40	0.009
10	16QAM	25	25	9.35	0.009	9.39	0.009	9.42	0.009
10	16QAM	50	0	9.33	0.009	9.32	0.009	9.39	0.009
10	64QAM	1	0	9.65	0.009	9.62	0.009	9.67	0.009
10	64QAM	1	25	9.57	0.009	9.59	0.009	9.65	0.009
10	64QAM	1	49	9.57	0.009	9.56	0.009	9.62	0.009
10	64QAM	25	0	8.67	0.007	8.67	0.007	8.68	0.007
10	64QAM	25	12	8.58	0.007	8.65	0.007	8.66	0.007
10	64QAM	25	25	8.51	0.007	8.55	0.007	8.62	0.007
10	64QAM	50	0	8.49	0.007	8.49	0.007	8.60	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				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	11.35	0.014	11.39	0.014	11.44	0.014
5	QPSK	1	12	11.39	0.014	11.34	0.014	11.41	0.014
5	QPSK	1	24	11.30	0.013	11.27	0.013	11.34	0.014
5	QPSK	12	0	10.42	0.011	10.40	0.011	10.46	0.011
5	QPSK	12	7	10.33	0.011	10.32	0.011	10.40	0.011
5	QPSK	12	13	10.33	0.011	10.36	0.011	10.37	0.011
5	QPSK	25	0	10.30	0.011	10.25	0.011	10.35	0.011
5	16QAM	1	0	10.39	0.011	10.32	0.011	10.41	0.011
5	16QAM	1	12	10.35	0.011	10.25	0.011	10.37	0.011
5	16QAM	1	24	10.24	0.011	10.24	0.011	10.36	0.011
5	16QAM	12	0	9.26	0.008	9.19	0.008	9.31	0.009
5	16QAM	12	7	9.28	0.008	9.31	0.009	9.32	0.009
5	16QAM	12	13	9.22	0.008	9.33	0.009	9.34	0.009
5	16QAM	25	0	9.21	0.008	9.30	0.009	9.31	0.009
5	64QAM	1	0	9.50	0.009	9.48	0.009	9.60	0.009
5	64QAM	1	12	9.52	0.009	9.48	0.009	9.58	0.009
5	64QAM	1	24	9.49	0.009	9.48	0.009	9.55	0.009
5	64QAM	12	0	8.56	0.007	8.57	0.007	8.61	0.007
5	64QAM	12	7	8.58	0.007	8.57	0.007	8.59	0.007
5	64QAM	12	13	8.45	0.007	8.43	0.007	8.55	0.007
5	64QAM	25	0	8.45	0.007	8.47	0.007	8.53	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				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	11.33	0.014	11.36	0.014	11.41	0.014
3	QPSK	1	8	11.35	0.014	11.32	0.014	11.38	0.014
3	QPSK	1	14	11.20	0.013	11.29	0.013	11.31	0.014
3	QPSK	8	0	10.37	0.011	10.32	0.011	10.43	0.011
3	QPSK	8	4	10.34	0.011	10.34	0.011	10.37	0.011
3	QPSK	8	7	10.27	0.011	10.28	0.011	10.34	0.011
3	QPSK	15	0	10.26	0.011	10.22	0.011	10.32	0.011
3	16QAM	1	0	10.30	0.011	10.34	0.011	10.38	0.011
3	16QAM	1	8	10.23	0.011	10.27	0.011	10.34	0.011
3	16QAM	1	14	10.21	0.010	10.29	0.011	10.33	0.011
3	16QAM	8	0	9.22	0.008	9.16	0.008	9.28	0.008
3	16QAM	8	4	9.26	0.008	9.28	0.008	9.29	0.008
3	16QAM	8	7	9.23	0.008	9.26	0.008	9.31	0.009
3	16QAM	15	0	9.16	0.008	9.26	0.008	9.28	0.008
3	64QAM	1	0	9.49	0.009	9.49	0.009	9.60	0.009
3	64QAM	1	8	9.47	0.009	9.49	0.009	9.58	0.009
3	64QAM	1	14	9.43	0.009	9.48	0.009	9.55	0.009
3	64QAM	8	0	8.49	0.007	8.58	0.007	8.61	0.007
3	64QAM	8	4	8.54	0.007	8.55	0.007	8.59	0.007
3	64QAM	8	7	8.48	0.007	8.47	0.007	8.55	0.007
3	64QAM	15	0	8.43	0.007	8.50	0.007	8.53	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				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	11.38	0.014	11.31	0.014	11.39	0.014
1.4	QPSK	1	3	11.29	0.013	11.29	0.013	11.36	0.014
1.4	QPSK	1	5	11.24	0.013	11.19	0.013	11.29	0.013
1.4	QPSK	3	0	10.32	0.011	10.31	0.011	10.41	0.011
1.4	QPSK	3	1	10.33	0.011	10.26	0.011	10.35	0.011
1.4	QPSK	3	3	10.26	0.011	10.31	0.011	10.32	0.011
1.4	QPSK	6	0	10.29	0.011	10.25	0.011	10.30	0.011
1.4	16QAM	1	0	10.28	0.011	10.33	0.011	10.36	0.011
1.4	16QAM	1	3	10.27	0.011	10.21	0.010	10.32	0.011
1.4	16QAM	1	5	10.29	0.011	10.29	0.011	10.31	0.011
1.4	16QAM	3	0	9.20	0.008	9.15	0.008	9.26	0.008
1.4	16QAM	3	1	9.26	0.008	9.18	0.008	9.27	0.008
1.4	16QAM	3	3	9.18	0.008	9.25	0.008	9.29	0.008
1.4	16QAM	6	0	9.16	0.008	9.19	0.008	9.26	0.008
1.4	64QAM	1	0	9.49	0.009	9.49	0.009	9.57	0.009
1.4	64QAM	1	3	9.46	0.009	9.49	0.009	9.55	0.009
1.4	64QAM	1	5	9.43	0.009	9.50	0.009	9.52	0.009
1.4	64QAM	3	0	8.49	0.007	8.50	0.007	8.58	0.007
1.4	64QAM	3	1	8.44	0.007	8.54	0.007	8.56	0.007
1.4	64QAM	3	3	8.42	0.007	8.49	0.007	8.52	0.007
1.4	64QAM	6	0	8.42	0.007	8.47	0.007	8.50	0.007



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	18.81	0.076	18.87	0.077	18.85	0.077
20	QPSK	1	49	18.79	0.076	18.83	0.076	18.80	0.076
20	QPSK	1	99	18.67	0.074	18.78	0.076	18.69	0.074
20	QPSK	50	0	17.75	0.060	17.78	0.060	17.73	0.059
20	QPSK	50	24	17.72	0.059	17.75	0.060	17.71	0.059
20	QPSK	50	50	17.68	0.059	17.72	0.059	17.65	0.058
20	QPSK	100	0	17.62	0.058	17.70	0.059	17.62	0.058
20	16QAM	1	0	17.84	0.061	17.90	0.062	17.87	0.061
20	16QAM	1	49	17.83	0.061	17.86	0.061	17.85	0.061
20	16QAM	1	99	17.78	0.060	17.81	0.060	17.76	0.060
20	16QAM	50	0	16.84	0.048	16.86	0.049	16.80	0.048
20	16QAM	50	24	16.80	0.048	16.83	0.048	16.76	0.047
20	16QAM	50	50	16.75	0.047	16.78	0.048	16.72	0.047
20	16QAM	100	0	16.67	0.046	16.74	0.047	16.66	0.046
20	64QAM	1	0	17.06	0.051	17.07	0.051	17.03	0.050
20	64QAM	1	49	17.03	0.050	17.04	0.051	17.01	0.050
20	64QAM	1	99	16.95	0.050	16.98	0.050	16.97	0.050
20	64QAM	50	0	15.96	0.039	15.97	0.040	15.92	0.039
20	64QAM	50	24	15.89	0.039	15.94	0.039	15.90	0.039
20	64QAM	50	50	15.85	0.038	15.90	0.039	15.86	0.039
20	64QAM	100	0	16.01	0.040	16.03	0.040	16.00	0.040



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	18.73	0.075	18.80	0.076	18.76	0.075
15	QPSK	1	37	18.78	0.076	18.73	0.075	18.69	0.074
15	QPSK	1	74	18.54	0.071	18.76	0.075	18.55	0.072
15	QPSK	36	0	17.68	0.059	17.68	0.059	17.59	0.057
15	QPSK	36	20	17.71	0.059	17.73	0.059	17.62	0.058
15	QPSK	36	39	17.62	0.058	17.64	0.058	17.55	0.057
15	QPSK	75	0	17.51	0.056	17.64	0.058	17.51	0.056
15	16QAM	1	0	17.75	0.060	17.86	0.061	17.76	0.060
15	16QAM	1	37	17.70	0.059	17.72	0.059	17.76	0.060
15	16QAM	1	74	17.71	0.059	17.74	0.059	17.71	0.059
15	16QAM	36	0	16.76	0.047	16.85	0.048	16.76	0.047
15	16QAM	36	20	16.70	0.047	16.69	0.047	16.63	0.046
15	16QAM	36	39	16.62	0.046	16.65	0.046	16.68	0.047
15	16QAM	75	0	16.53	0.045	16.73	0.047	16.62	0.046
15	64QAM	1	0	16.98	0.050	16.95	0.050	16.99	0.050
15	64QAM	1	37	16.91	0.049	16.92	0.049	16.92	0.049
15	64QAM	1	74	16.84	0.048	16.84	0.048	16.87	0.049
15	64QAM	36	0	15.88	0.039	15.84	0.038	15.88	0.039
15	64QAM	36	20	15.82	0.038	15.82	0.038	15.78	0.038
15	64QAM	36	39	15.76	0.038	15.77	0.038	15.85	0.038
15	64QAM	75	0	15.86	0.039	15.89	0.039	15.90	0.039



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	18.76	0.075	18.84	0.077	18.73	0.075
10	QPSK	1	25	18.64	0.073	18.80	0.076	18.76	0.075
10	QPSK	1	49	18.55	0.072	18.67	0.074	18.57	0.072
10	QPSK	25	0	17.73	0.059	17.75	0.060	17.60	0.058
10	QPSK	25	12	17.70	0.059	17.73	0.059	17.66	0.058
10	QPSK	25	25	17.65	0.058	17.58	0.057	17.58	0.057
10	QPSK	50	0	17.60	0.058	17.69	0.059	17.55	0.057
10	16QAM	1	0	17.75	0.060	17.85	0.061	17.75	0.060
10	16QAM	1	25	17.76	0.060	17.85	0.061	17.77	0.060
10	16QAM	1	49	17.72	0.059	17.77	0.060	17.67	0.058
10	16QAM	25	0	16.71	0.047	16.72	0.047	16.78	0.048
10	16QAM	25	12	16.76	0.047	16.71	0.047	16.72	0.047
10	16QAM	25	25	16.72	0.047	16.67	0.046	16.57	0.045
10	16QAM	50	0	16.54	0.045	16.62	0.046	16.63	0.046
10	64QAM	1	0	16.91	0.049	17.00	0.050	16.90	0.049
10	64QAM	1	25	16.94	0.049	16.98	0.050	16.90	0.049
10	64QAM	1	49	16.87	0.049	16.84	0.048	16.82	0.048
10	64QAM	25	0	15.94	0.039	15.89	0.039	15.89	0.039
10	64QAM	25	12	15.74	0.037	15.92	0.039	15.80	0.038
10	64QAM	25	25	15.82	0.038	15.76	0.038	15.74	0.037
10	64QAM	50	0	15.96	0.039	15.90	0.039	15.98	0.040



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	18.78	0.076	18.72	0.074	18.71	0.074
5	QPSK	1	12	18.69	0.074	18.78	0.076	18.68	0.074
5	QPSK	1	24	18.60	0.072	18.74	0.075	18.65	0.073
5	QPSK	12	0	17.65	0.058	17.75	0.060	17.60	0.058
5	QPSK	12	7	17.68	0.059	17.66	0.058	17.69	0.059
5	QPSK	12	13	17.55	0.057	17.70	0.059	17.57	0.057
5	QPSK	25	0	17.47	0.056	17.65	0.058	17.57	0.057
5	16QAM	1	0	17.79	0.060	17.76	0.060	17.77	0.060
5	16QAM	1	12	17.75	0.060	17.75	0.060	17.73	0.059
5	16QAM	1	24	17.65	0.058	17.71	0.059	17.64	0.058
5	16QAM	12	0	16.81	0.048	16.78	0.048	16.77	0.048
5	16QAM	12	7	16.73	0.047	16.77	0.048	16.65	0.046
5	16QAM	12	13	16.73	0.047	16.64	0.046	16.63	0.046
5	16QAM	25	0	16.53	0.045	16.68	0.047	16.52	0.045
5	64QAM	1	0	17.03	0.050	17.02	0.050	17.03	0.001
5	64QAM	1	12	17.03	0.050	16.92	0.049	16.87	0.001
5	64QAM	1	24	16.85	0.048	16.87	0.049	16.86	0.001
5	64QAM	12	0	15.85	0.038	15.97	0.040	15.89	0.001
5	64QAM	12	7	15.78	0.038	15.91	0.039	15.87	0.001
5	64QAM	12	13	15.84	0.038	15.89	0.039	15.80	0.001
5	64QAM	25	0	15.93	0.039	15.95	0.039	15.96	0.001



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	20.01	0.100	20.06	0.101	20.03	0.101
20	QPSK	1	49	19.98	0.100	20.03	0.101	20.00	0.100
20	QPSK	1	99	19.95	0.099	20.00	0.100	19.98	0.100
20	QPSK	50	0	19.02	0.080	19.08	0.081	19.04	0.080
20	QPSK	50	24	18.96	0.079	19.04	0.080	19.00	0.079
20	QPSK	50	50	18.93	0.078	18.99	0.079	18.95	0.079
20	QPSK	100	0	19.02	0.080	19.04	0.080	19.00	0.079
20	16QAM	1	0	18.99	0.079	19.02	0.080	18.96	0.079
20	16QAM	1	49	18.95	0.079	18.98	0.079	18.97	0.079
20	16QAM	1	99	18.87	0.077	18.96	0.079	18.92	0.078
20	16QAM	50	0	18.09	0.064	18.16	0.065	18.14	0.065
20	16QAM	50	24	18.05	0.064	18.12	0.065	18.07	0.064
20	16QAM	50	50	17.94	0.062	18.09	0.064	17.98	0.063
20	16QAM	100	0	17.90	0.062	17.99	0.063	17.91	0.062
20	64QAM	1	0	18.16	0.065	18.22	0.066	18.20	0.066
20	64QAM	1	49	18.12	0.065	18.17	0.066	18.16	0.065
20	64QAM	1	99	18.15	0.065	18.19	0.066	18.13	0.065
20	64QAM	50	0	17.21	0.053	17.28	0.053	17.26	0.053
20	64QAM	50	24	17.18	0.052	17.22	0.053	17.21	0.053
20	64QAM	50	50	17.13	0.052	17.15	0.052	17.08	0.051
20	64QAM	100	0	17.12	0.052	17.22	0.053	17.19	0.052



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	19.99	0.100	19.94	0.099	19.95	0.099
15	QPSK	1	37	19.86	0.097	19.92	0.098	19.92	0.098
15	QPSK	1	74	19.87	0.097	19.89	0.097	19.87	0.097
15	QPSK	36	0	18.88	0.077	18.94	0.078	18.96	0.079
15	QPSK	36	20	18.93	0.078	19.00	0.079	18.97	0.079
15	QPSK	36	39	18.87	0.077	18.93	0.078	18.90	0.078
15	QPSK	75	0	19.01	0.080	19.01	0.080	18.88	0.077
15	16QAM	1	0	18.89	0.077	18.90	0.078	18.94	0.078
15	16QAM	1	37	18.90	0.078	18.93	0.078	18.84	0.077
15	16QAM	1	74	18.76	0.075	18.96	0.079	18.81	0.076
15	16QAM	36	0	18.08	0.064	18.13	0.065	18.04	0.064
15	16QAM	36	20	18.04	0.064	18.03	0.064	18.05	0.064
15	16QAM	36	39	17.89	0.062	17.97	0.063	17.92	0.062
15	16QAM	75	0	17.90	0.062	17.87	0.061	17.81	0.060
15	64QAM	1	0	18.16	0.065	18.22	0.066	18.20	0.066
15	64QAM	1	37	18.02	0.063	18.11	0.065	18.06	0.064
15	64QAM	1	74	18.11	0.065	18.14	0.065	18.02	0.063
15	64QAM	36	0	17.18	0.052	17.18	0.052	17.24	0.053
15	64QAM	36	20	17.20	0.052	17.23	0.053	17.20	0.052
15	64QAM	36	39	17.15	0.052	17.16	0.052	17.04	0.051
15	64QAM	75	0	17.13	0.052	17.23	0.053	17.20	0.052



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	20.00	0.100	19.92	0.098	19.95	0.099
10	QPSK	1	25	19.90	0.098	19.96	0.099	19.87	0.097
10	QPSK	1	49	19.95	0.099	19.91	0.098	19.85	0.097
10	QPSK	25	0	18.97	0.079	19.01	0.080	18.99	0.079
10	QPSK	25	12	18.94	0.078	18.93	0.078	18.86	0.077
10	QPSK	25	25	18.86	0.077	18.88	0.077	18.84	0.077
10	QPSK	50	0	18.98	0.079	18.99	0.079	18.94	0.078
10	16QAM	1	0	18.94	0.078	18.88	0.077	18.83	0.076
10	16QAM	1	25	18.88	0.077	18.96	0.079	18.92	0.078
10	16QAM	1	49	18.79	0.076	18.88	0.077	18.90	0.078
10	16QAM	25	0	18.08	0.064	18.09	0.064	18.08	0.064
10	16QAM	25	12	17.98	0.063	17.98	0.063	17.96	0.063
10	16QAM	25	25	17.92	0.062	18.09	0.064	17.98	0.063
10	16QAM	50	0	17.85	0.061	17.93	0.062	17.88	0.061
10	64QAM	1	0	18.14	0.065	18.13	0.065	18.19	0.066
10	64QAM	1	25	17.98	0.063	18.08	0.064	18.02	0.063
10	64QAM	1	49	18.15	0.065	18.06	0.064	18.01	0.063
10	64QAM	25	0	17.09	0.051	17.25	0.053	17.16	0.052
10	64QAM	25	12	17.10	0.051	17.10	0.051	17.09	0.051
10	64QAM	25	25	17.09	0.051	17.11	0.051	16.95	0.050
10	64QAM	50	0	17.06	0.051	17.16	0.052	17.16	0.052



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	19.93	0.098	19.95	0.099	20.01	0.100
5	QPSK	1	12	19.92	0.098	19.92	0.098	19.87	0.097
5	QPSK	1	24	19.87	0.097	19.98	0.100	19.89	0.097
5	QPSK	12	0	18.95	0.079	18.96	0.079	18.97	0.079
5	QPSK	12	7	18.85	0.077	19.00	0.079	18.92	0.078
5	QPSK	12	13	18.91	0.078	18.94	0.078	18.91	0.078
5	QPSK	25	0	18.94	0.078	19.00	0.079	18.95	0.079
5	16QAM	1	0	18.88	0.077	18.98	0.079	18.86	0.077
5	16QAM	1	12	18.83	0.076	18.97	0.079	18.93	0.078
5	16QAM	1	24	18.86	0.077	18.84	0.077	18.81	0.076
5	16QAM	12	0	17.96	0.063	18.16	0.065	18.06	0.064
5	16QAM	12	7	18.02	0.063	18.11	0.065	17.96	0.063
5	16QAM	12	13	17.90	0.062	18.03	0.064	17.91	0.062
5	16QAM	25	0	17.82	0.061	17.94	0.062	17.86	0.061
5	64QAM	1	0	18.03	0.064	18.15	0.065	18.10	0.065
5	64QAM	1	12	18.09	0.064	18.11	0.065	18.11	0.065
5	64QAM	1	24	18.09	0.064	18.18	0.066	18.02	0.063
5	64QAM	12	0	17.16	0.052	17.20	0.052	17.26	0.053
5	64QAM	12	7	17.07	0.051	17.20	0.052	17.22	0.053
5	64QAM	12	13	17.02	0.050	17.16	0.052	16.98	0.050
5	64QAM	25	0	17.10	0.051	17.17	0.052	17.15	0.052



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	19.89	0.097	19.93	0.098	19.78	0.095
3	QPSK	1	8	19.85	0.097	19.90	0.098	19.87	0.097
3	QPSK	1	14	19.76	0.095	19.77	0.095	19.81	0.096
3	QPSK	8	0	18.76	0.075	18.85	0.077	18.79	0.076
3	QPSK	8	4	18.84	0.077	18.84	0.077	18.79	0.076
3	QPSK	8	7	18.72	0.074	18.73	0.075	18.76	0.075
3	QPSK	15	0	18.83	0.076	18.91	0.078	18.88	0.077
3	16QAM	1	0	18.82	0.076	18.83	0.076	18.78	0.076
3	16QAM	1	8	18.79	0.076	18.84	0.077	18.77	0.075
3	16QAM	1	14	18.70	0.074	18.74	0.075	18.68	0.074
3	16QAM	8	0	17.84	0.061	17.92	0.062	17.94	0.062
3	16QAM	8	4	17.86	0.061	17.99	0.063	17.85	0.061
3	16QAM	8	7	17.79	0.060	17.95	0.062	17.76	0.060
3	16QAM	15	0	17.74	0.059	17.84	0.061	17.75	0.060
3	64QAM	1	0	18.07	0.064	18.11	0.065	18.11	0.065
3	64QAM	1	8	17.89	0.062	18.08	0.064	18.00	0.063
3	64QAM	1	14	17.93	0.062	17.99	0.063	17.92	0.062
3	64QAM	8	0	17.08	0.051	17.05	0.051	17.12	0.052
3	64QAM	8	4	16.96	0.050	17.11	0.051	17.10	0.051
3	64QAM	8	7	16.96	0.050	17.01	0.050	16.95	0.050
3	64QAM	15	0	16.93	0.049	17.08	0.051	17.05	0.051



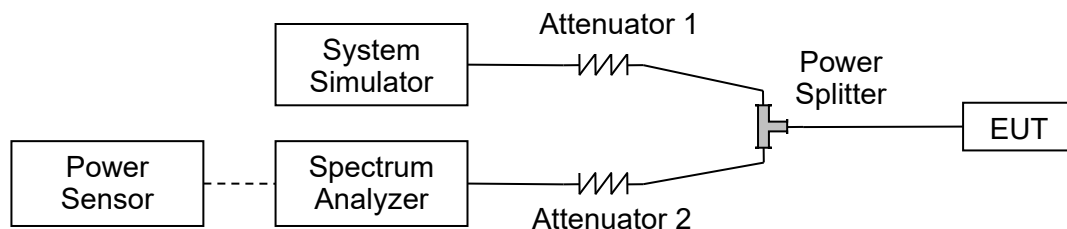
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.83	0.096	19.93	0.098	19.85	0.097
1.4	QPSK	1	3	19.81	0.096	19.83	0.096	19.85	0.097
1.4	QPSK	1	5	19.70	0.093	19.87	0.097	19.78	0.095
1.4	QPSK	3	0	19.62	0.092	19.72	0.094	19.61	0.091
1.4	QPSK	3	1	19.57	0.091	19.68	0.093	19.69	0.093
1.4	QPSK	3	3	19.63	0.092	19.67	0.093	19.64	0.092
1.4	QPSK	6	0	18.80	0.076	18.84	0.077	18.83	0.076
1.4	16QAM	1	0	18.80	0.076	18.90	0.078	18.83	0.076
1.4	16QAM	1	3	18.73	0.075	18.76	0.075	18.71	0.074
1.4	16QAM	1	5	18.64	0.073	18.75	0.075	18.77	0.075
1.4	16QAM	3	0	18.76	0.075	18.78	0.076	18.72	0.074
1.4	16QAM	3	1	18.75	0.075	18.79	0.076	18.74	0.075
1.4	16QAM	3	3	18.65	0.073	18.72	0.074	18.61	0.073
1.4	16QAM	6	0	18.57	0.072	18.56	0.072	18.51	0.071
1.4	64QAM	1	0	17.97	0.063	18.10	0.065	18.04	0.064
1.4	64QAM	1	3	18.04	0.064	18.02	0.063	18.03	0.064
1.4	64QAM	1	5	18.01	0.063	18.02	0.063	17.95	0.062
1.4	64QAM	3	0	17.96	0.063	18.00	0.063	17.95	0.062
1.4	64QAM	3	1	17.92	0.062	17.95	0.062	17.88	0.061
1.4	64QAM	3	3	17.85	0.061	17.84	0.061	17.77	0.060
1.4	64QAM	6	0	16.91	0.049	17.06	0.051	17.09	0.051

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.

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.09	1.27
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.09	1.26
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.68	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.93
	High	64QAM	2.69	2.93
5	Low	QPSK	4.48	4.92
	Low	16QAM	4.50	4.93
	Low	64QAM	4.50	4.94
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.51	4.91
	Mid	64QAM	4.50	4.89
	High	QPSK	4.49	4.90
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.89
10	Low	QPSK	9.02	9.78
	Low	16QAM	8.97	9.73
	Low	64QAM	8.99	9.83
	Mid	QPSK	8.97	9.70
	Mid	16QAM	8.96	9.69
	Mid	64QAM	8.98	9.72
	High	QPSK	9.01	9.80
	High	16QAM	8.96	9.71
	High	64QAM	8.98	9.73



15	Low	QPSK	13.49	14.57
	Low	16QAM	13.48	14.61
	Low	64QAM	13.47	14.62
	Mid	QPSK	13.44	14.56
	Mid	16QAM	13.46	14.64
	Mid	64QAM	13.42	14.52
	High	QPSK	13.48	14.58
	High	16QAM	13.47	14.57
	High	64QAM	13.47	14.57
20	Low	QPSK	17.99	19.35
	Low	16QAM	18.00	19.26
	Low	64QAM	17.98	19.42
	Mid	QPSK	17.91	19.43
	Mid	16QAM	17.93	19.23
	Mid	64QAM	17.96	19.49
	High	QPSK	17.96	19.42
	High	16QAM	17.97	19.39
	High	64QAM	17.97	19.26



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.28
3	Low	QPSK	2.69	2.94
	Low	16QAM	2.69	2.93
	Low	64QAM	2.69	2.92
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.93
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.50	4.96
	Low	64QAM	4.50	4.89
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.51	5.13
	Mid	64QAM	4.50	4.93
	High	QPSK	4.50	5.14
	High	16QAM	4.49	4.91
	High	64QAM	4.50	4.91
10	Low	QPSK	9.02	9.74
	Low	16QAM	8.98	9.67
	Low	64QAM	8.98	9.78
	Mid	QPSK	9.00	9.82
	Mid	16QAM	8.98	9.67
	Mid	64QAM	8.97	9.75
	High	QPSK	9.00	9.81
	High	16QAM	8.97	10.35
	High	64QAM	8.98	9.79



REPORT No. : SZ22050016W09

15	Low	QPSK	13.46	14.62
	Low	16QAM	13.48	14.51
	Low	64QAM	13.45	14.64
	Mid	QPSK	13.49	14.56
	Mid	16QAM	13.47	14.59
	Mid	64QAM	13.45	14.58
	High	QPSK	13.51	16.52
	High	16QAM	13.46	14.72
	High	64QAM	13.43	14.55
20	Low	QPSK	17.96	19.44
	Low	16QAM	17.98	19.35
	Low	64QAM	17.96	19.46
	Mid	QPSK	17.93	19.37
	Mid	16QAM	17.95	19.42
	Mid	64QAM	17.94	19.41
	High	QPSK	17.97	19.24
	High	16QAM	18.00	20.05
	High	64QAM	17.93	19.37



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.26
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.28
	High	64QAM	1.10	1.31
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.69	2.92
	Mid	QPSK	2.69	2.90
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.91
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.91
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.50	4.91
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.91
	High	16QAM	4.49	4.90
	High	64QAM	4.50	4.90
10	Low	QPSK	9.00	9.77
	Low	16QAM	8.97	9.76
	Low	64QAM	8.98	9.65
	Mid	QPSK	8.99	9.72
	Mid	16QAM	8.96	9.71
	Mid	64QAM	8.99	9.79
	High	QPSK	9.00	9.69
	High	16QAM	8.96	9.70
	High	64QAM	8.98	9.77



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.50	4.97
	Low	64QAM	4.51	4.94
	Mid	QPSK	4.49	4.93
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.51	4.93
	High	QPSK	4.50	4.95
	High	16QAM	4.51	4.93
	High	64QAM	4.50	4.93
10	Low	QPSK	8.99	9.73
	Low	16QAM	8.97	9.65
	Low	64QAM	8.97	9.73
	Mid	QPSK	9.00	9.73
	Mid	16QAM	8.97	9.69
	Mid	64QAM	8.98	9.75
	High	QPSK	9.01	9.76
	High	16QAM	8.98	9.73
	High	64QAM	8.99	9.77
15	Low	QPSK	13.46	14.64
	Low	16QAM	13.47	14.62
	Low	64QAM	13.44	14.62
	Mid	QPSK	13.45	14.50
	Mid	16QAM	13.48	14.54
	Mid	64QAM	13.43	14.63
	High	QPSK	13.46	14.50
	High	16QAM	13.47	14.51
	High	64QAM	13.46	14.64
20	Low	QPSK	17.93	19.27
	Low	16QAM	17.98	19.44
	Low	64QAM	17.93	19.36
	Mid	QPSK	17.95	19.32
	Mid	16QAM	17.95	19.43
	Mid	64QAM	17.98	19.44
	High	QPSK	17.95	19.28
	High	16QAM	17.95	19.46
	High	64QAM	17.91	19.26



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.13
	Low	16QAM	4.51	5.19
	Low	64QAM	4.50	5.19
	Mid	QPSK	4.51	5.22
	Mid	16QAM	4.52	5.15
	Mid	64QAM	4.52	5.13
	High	QPSK	4.51	5.16
	High	16QAM	4.51	5.10
	High	64QAM	4.52	5.10
10	Low	QPSK	9.04	10.06
	Low	16QAM	8.98	9.95
	Low	64QAM	8.99	10.05
	Mid	QPSK	9.01	9.98
	Mid	16QAM	8.97	10.01
	Mid	64QAM	8.99	10.07
	High	QPSK	9.04	10.05
	High	16QAM	8.98	9.93
	High	64QAM	9.01	10.02



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.28
	High	64QAM	1.10	1.31
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	4.93
	Low	64QAM	4.50	4.92
	Mid	QPSK	4.49	4.94
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.50	4.94
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.89
	High	64QAM	4.51	4.92
10	Low	QPSK	8.99	9.72
	Low	16QAM	8.98	9.66
	Low	64QAM	9.00	9.74
	Mid	QPSK	9.00	9.73
	Mid	16QAM	8.97	9.67
	Mid	64QAM	8.97	9.80
	High	QPSK	8.99	9.73
	High	16QAM	8.96	9.74
	High	64QAM	8.97	9.73



REPORT No. : SZ22050016W09

15	Low	QPSK	13.47	14.58
	Low	16QAM	13.49	14.62
	Low	64QAM	13.47	14.65
	Mid	QPSK	13.49	14.53
	Mid	16QAM	13.48	14.59
	Mid	64QAM	13.44	14.58
	High	QPSK	13.44	14.57
	High	16QAM	13.44	14.59
	High	64QAM	13.43	14.56



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	5.10
	Low	64QAM	4.50	4.87
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.51	5.22
	Mid	64QAM	4.52	4.92
	High	QPSK	4.50	4.92
	High	16QAM	4.51	5.09
	High	64QAM	4.51	4.88
10	Low	QPSK	8.96	10.04
	Low	16QAM	8.98	10.21
	Low	64QAM	8.99	9.78
	Mid	QPSK	8.97	9.89
	Mid	16QAM	8.98	9.92
	Mid	64QAM	8.97	9.78
	High	QPSK	8.99	9.87
	High	16QAM	8.98	10.71
	High	64QAM	8.96	9.85
15	Low	QPSK	13.45	14.58
	Low	16QAM	13.49	14.97
	Low	64QAM	13.45	15.53
	Mid	QPSK	13.47	14.69
	Mid	16QAM	13.47	15.36
	Mid	64QAM	13.45	14.62
	High	QPSK	13.45	14.93
	High	16QAM	13.44	15.29
	High	64QAM	13.43	14.67
20	Low	QPSK	17.99	19.77
	Low	16QAM	17.93	19.50
	Low	64QAM	17.95	20.02
	Mid	QPSK	17.92	19.88
	Mid	16QAM	17.91	19.85
	Mid	64QAM	17.97	19.37
	High	QPSK	17.97	19.78
	High	16QAM	17.97	20.43
	High	64QAM	17.94	19.30



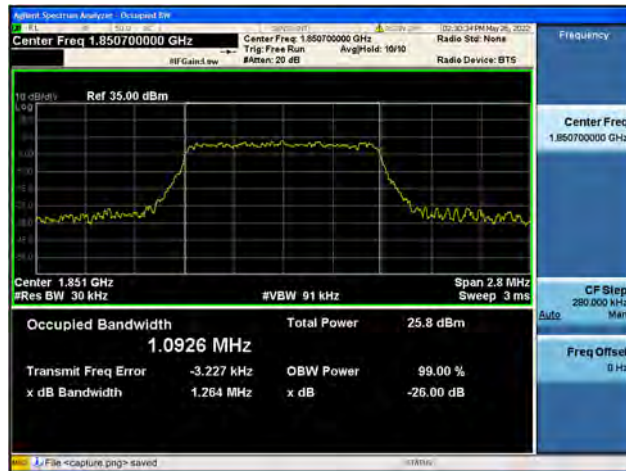
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.30
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.31
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.92
	Low	64QAM	2.69	2.99
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.69	2.93
5	Low	QPSK	4.52	5.14
	Low	16QAM	4.52	5.13
	Low	64QAM	4.53	5.16
	Mid	QPSK	4.52	5.35
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.53	5.20
	High	QPSK	4.51	5.13
	High	16QAM	4.51	5.19
	High	64QAM	4.53	5.16
10	Low	QPSK	9.02	10.03
	Low	16QAM	8.98	9.97
	Low	64QAM	9.00	10.12
	Mid	QPSK	9.03	10.17
	Mid	16QAM	8.98	10.08
	Mid	64QAM	8.99	10.11
	High	QPSK	8.99	9.95
	High	16QAM	8.97	9.92
	High	64QAM	8.99	10.06



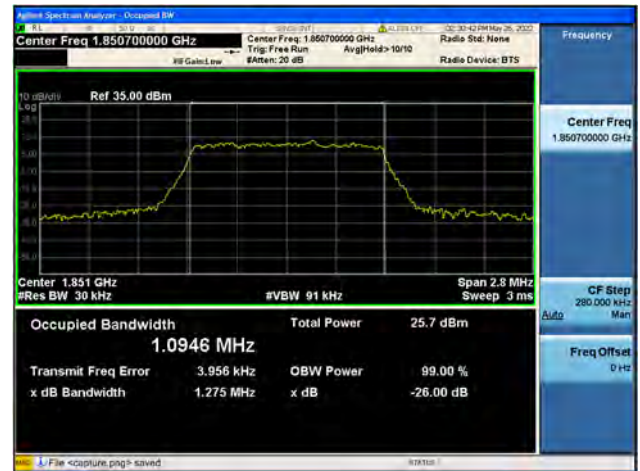
15	Low	QPSK	13.51	15.00
	Low	16QAM	13.50	15.14
	Low	64QAM	13.48	15.06
	Mid	QPSK	13.48	15.70
	Mid	16QAM	13.48	15.01
	Mid	64QAM	13.47	15.00
	High	QPSK	13.48	15.04
	High	16QAM	13.48	14.85
	High	64QAM	13.46	15.08
20	Low	QPSK	18.00	19.74
	Low	16QAM	18.02	19.68
	Low	64QAM	18.01	19.73
	Mid	QPSK	17.98	19.83
	Mid	16QAM	18.03	20.71
	Mid	64QAM	17.97	19.82
	High	QPSK	17.94	19.81
	High	16QAM	17.99	19.81
	High	64QAM	17.97	19.81



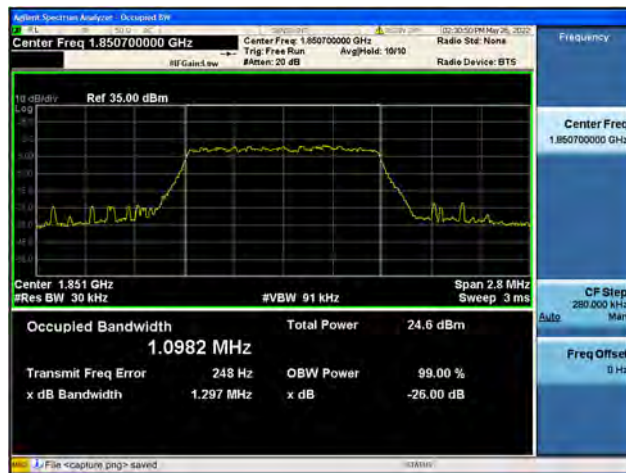
B2 / 1.4MHz / QPSK/ Low CH



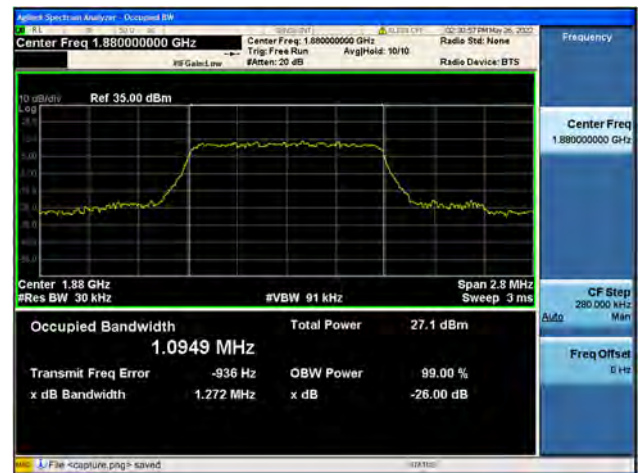
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH

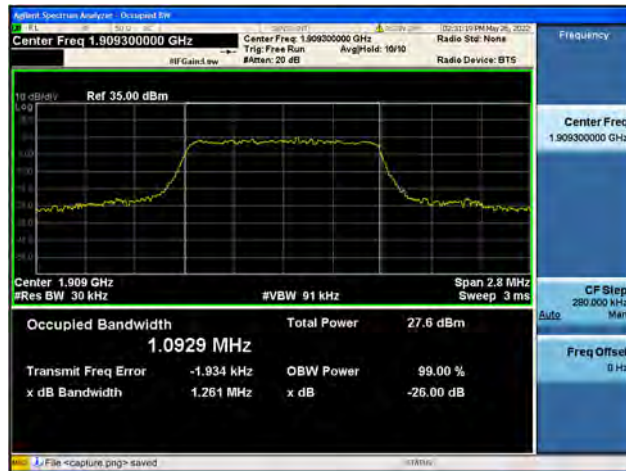


B2 / 1.4MHz / 64QAM/ Mid CH

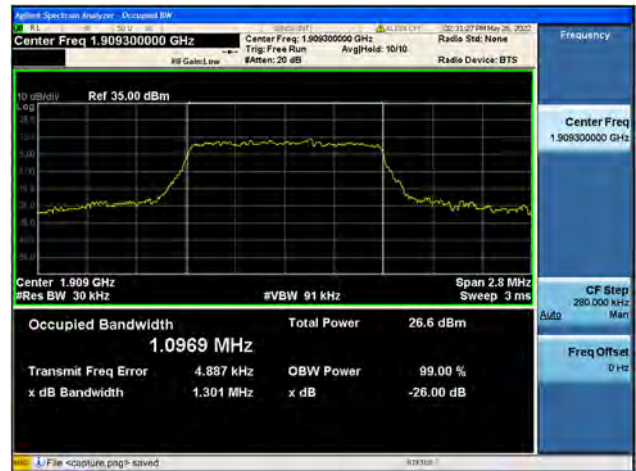




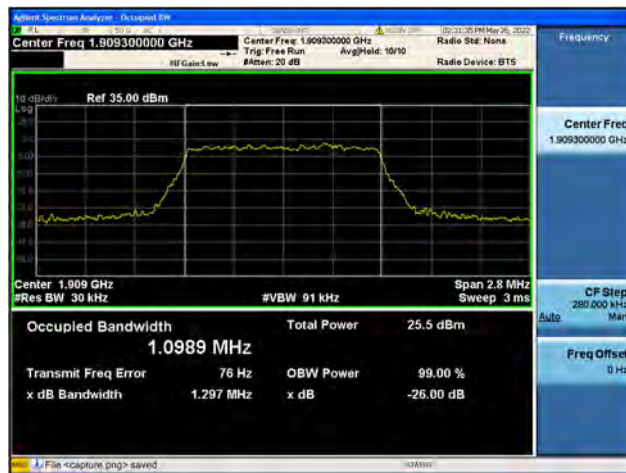
B2 / 1.4MHz / QPSK/ High CH



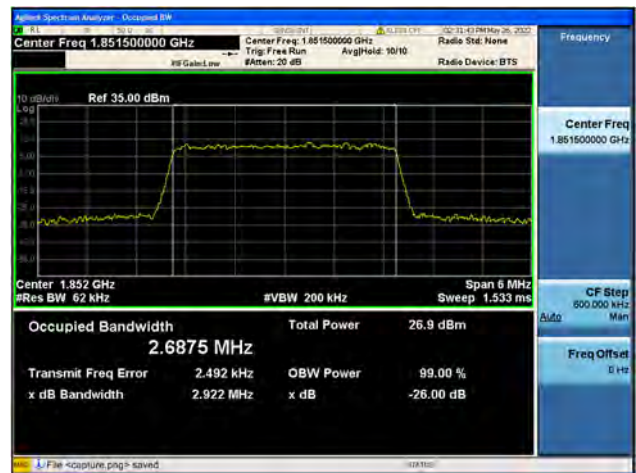
B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH

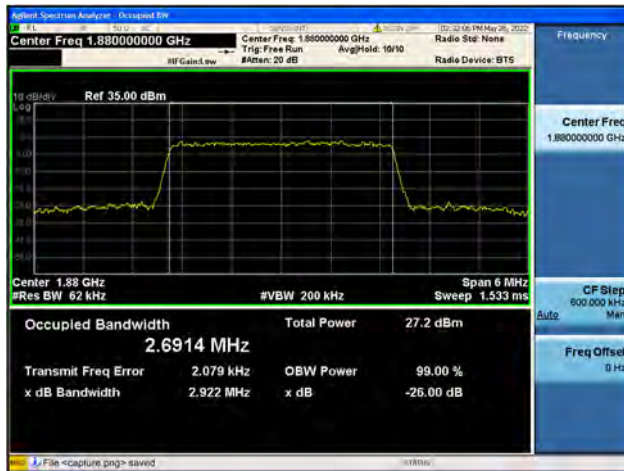


B2 / 3MHz / 64QAM/ Low CH

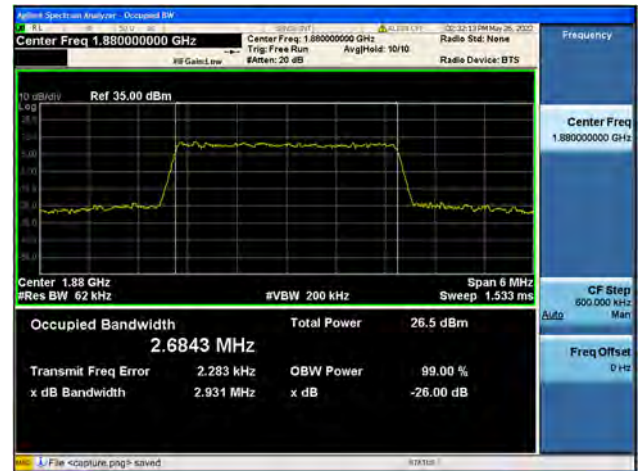




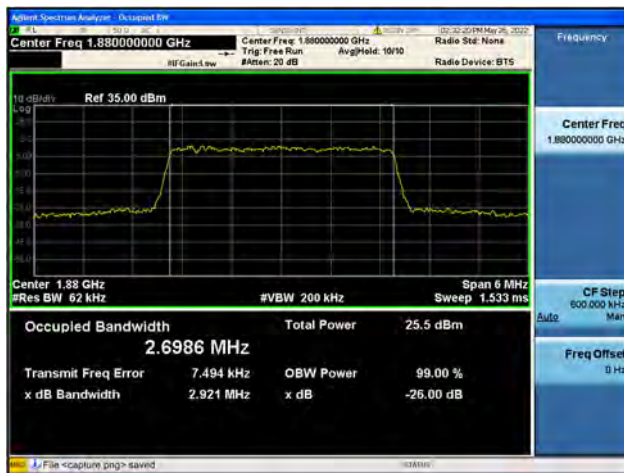
B2 / 3MHz / QPSK/ Mid CH



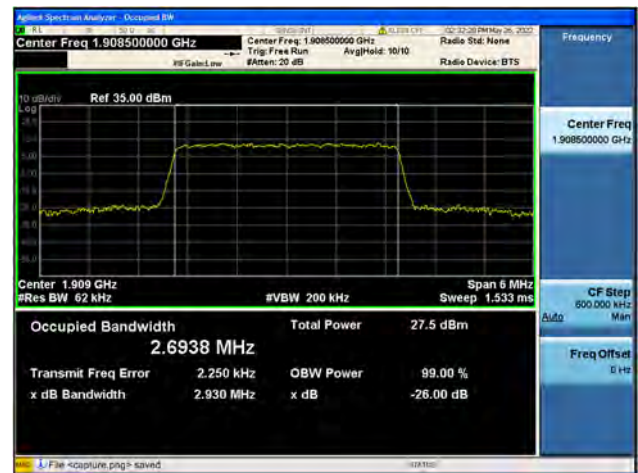
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH

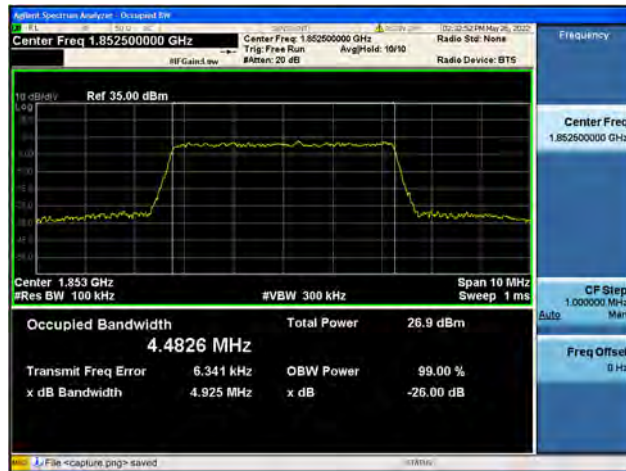


B2 / 3MHz / 64QAM/ High CH

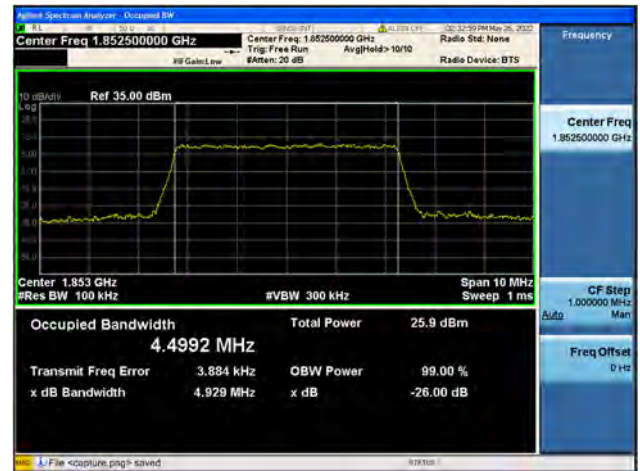




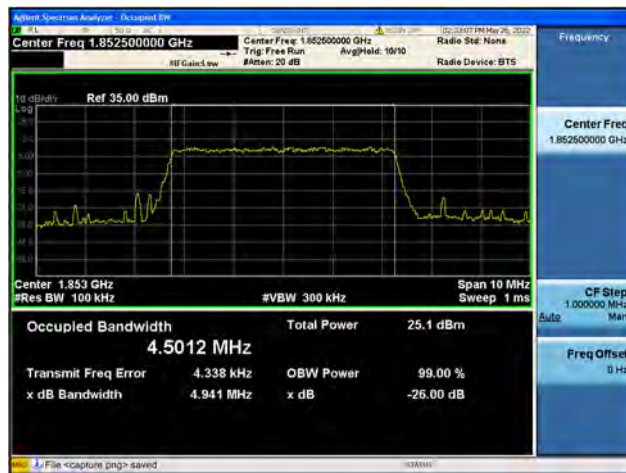
B2 / 5MHz / QPSK/ Low CH



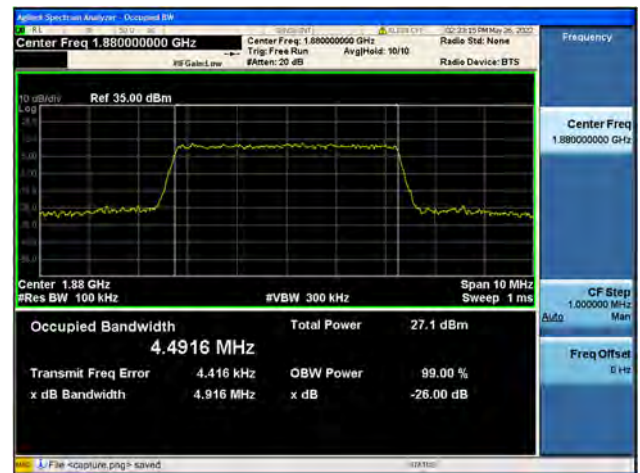
B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



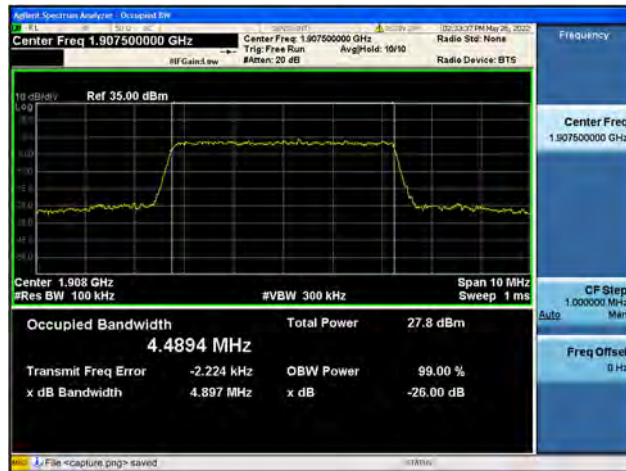
B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



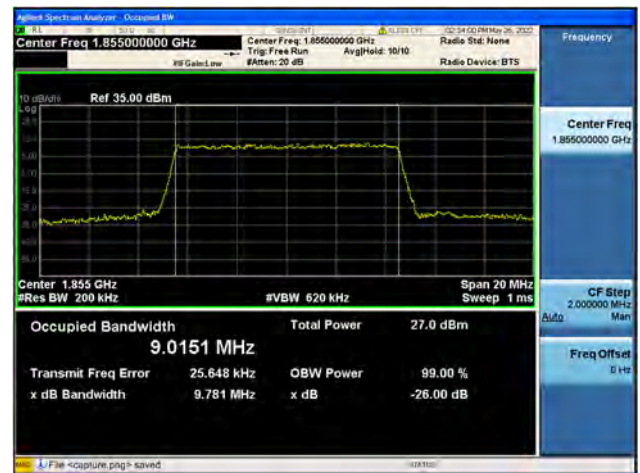
B2 / 5MHz / 16QAM/ High CH



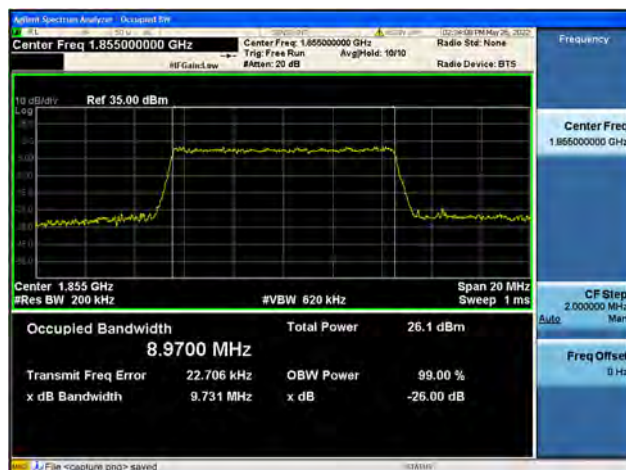
B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH

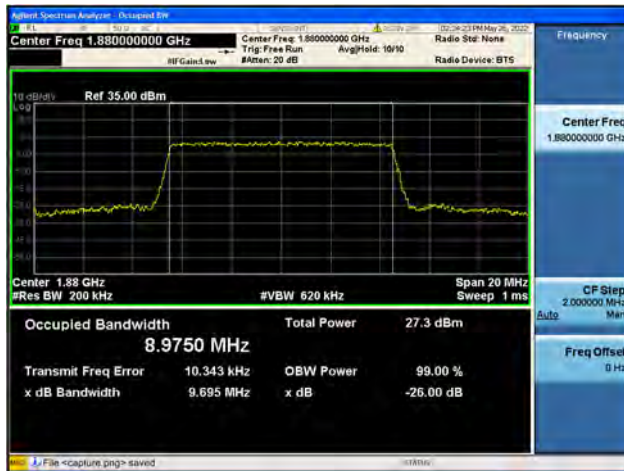


B2 / 10MHz / 64QAM/ Low CH

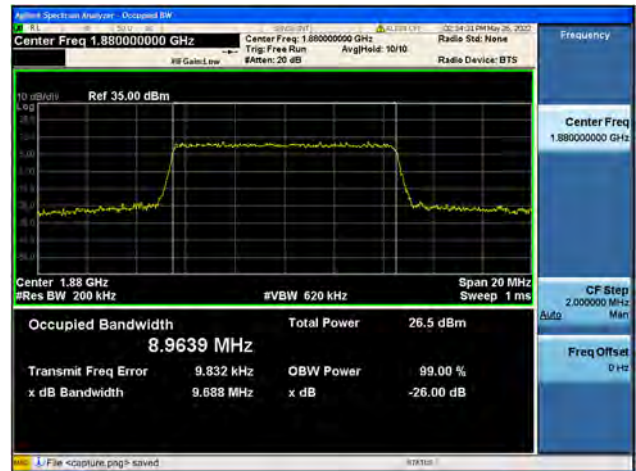




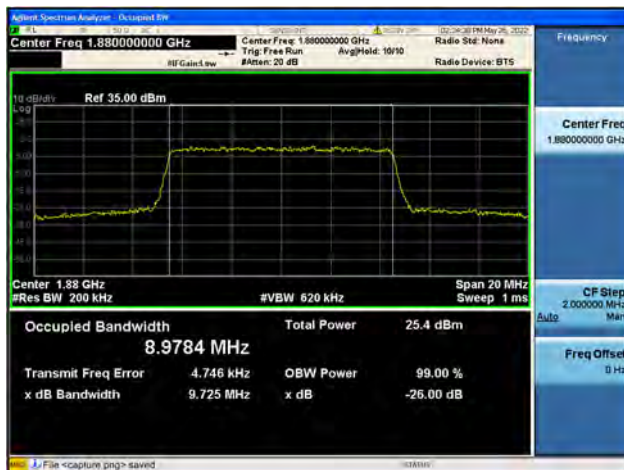
B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH

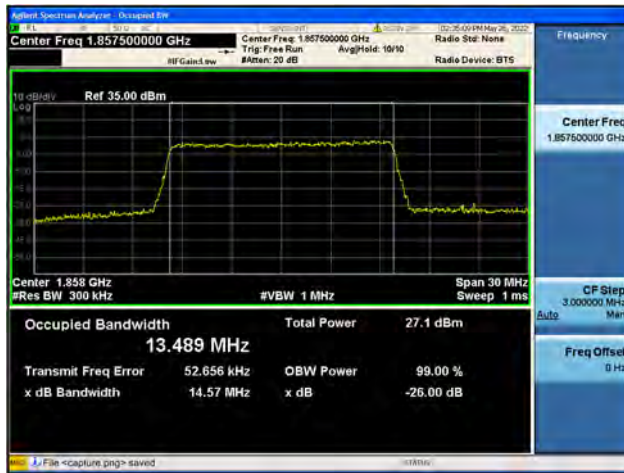


B2 / 10MHz / 64QAM/ High CH

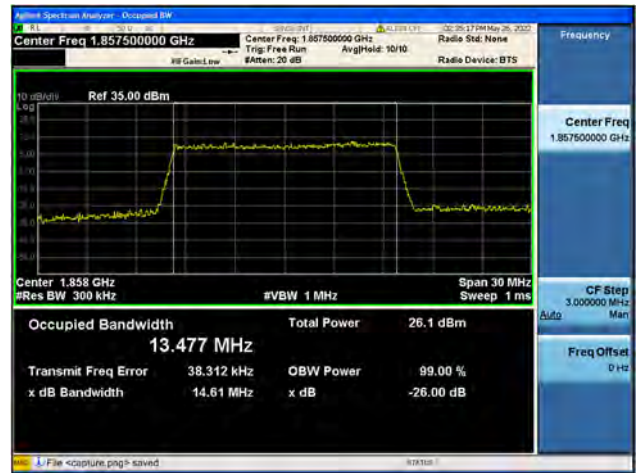




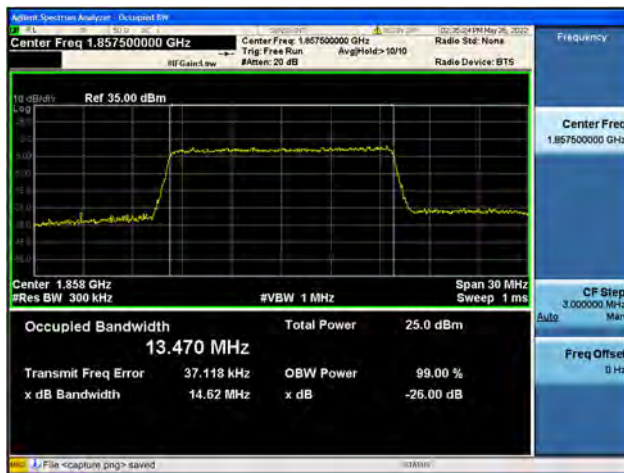
B2 / 15MHz / QPSK/ Low CH



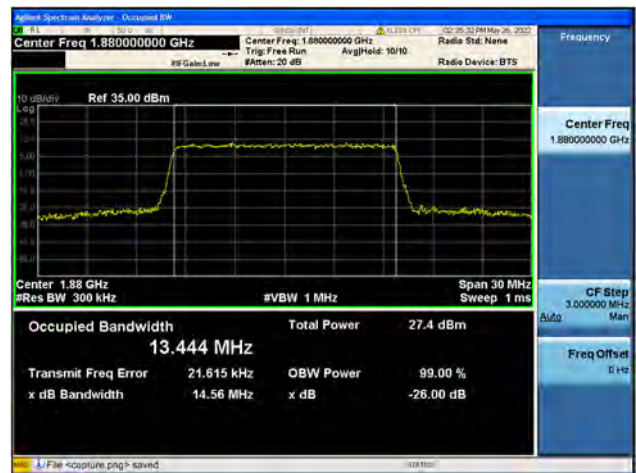
B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH

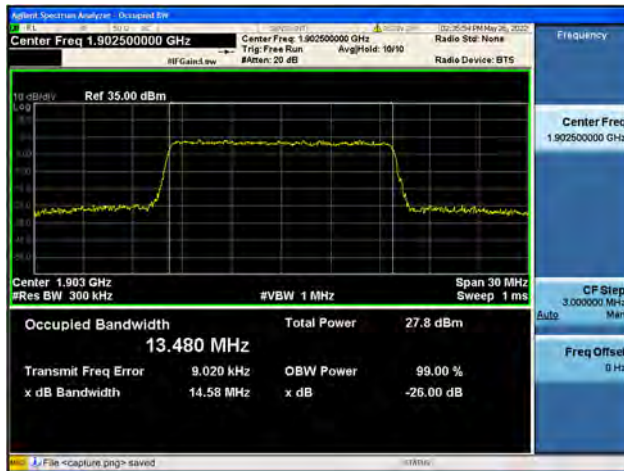


B2 / 15MHz / 64QAM/ Mid CH





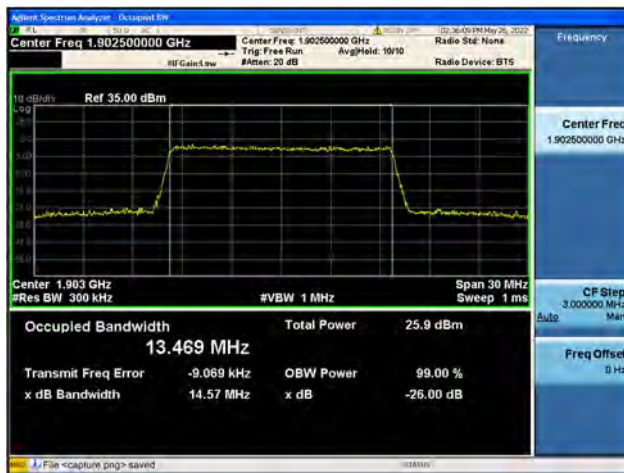
B2 / 15MHz / QPSK/ High CH



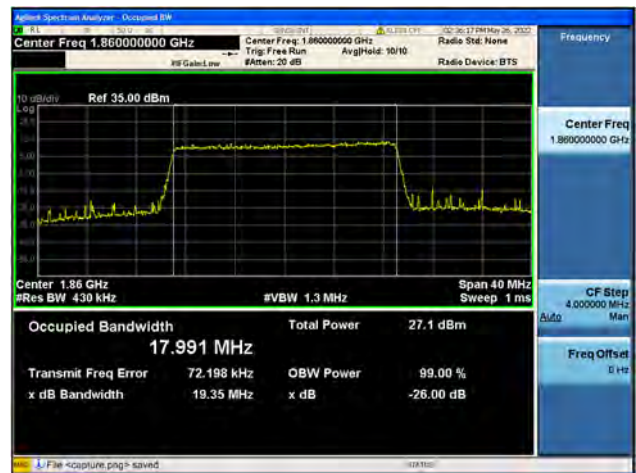
B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH

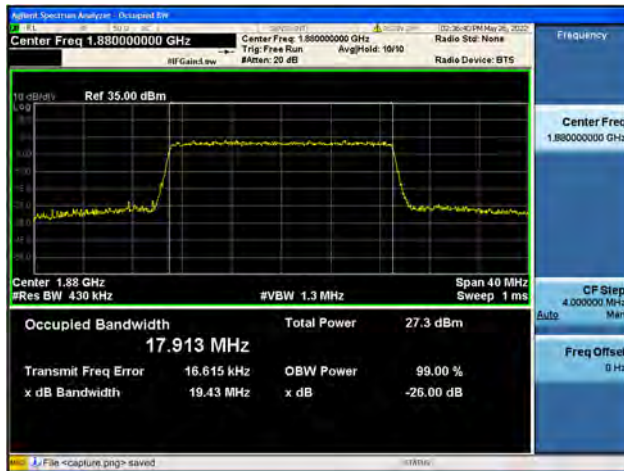


B2 / 20MHz / 64QAM/ Low CH





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

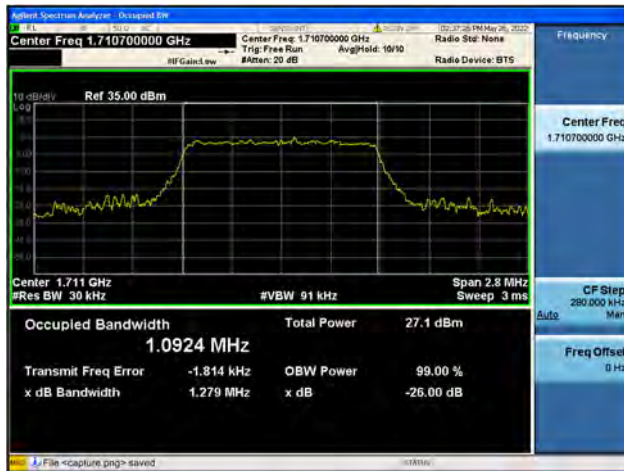


B2 / 20MHz / 64QAM/ High CH

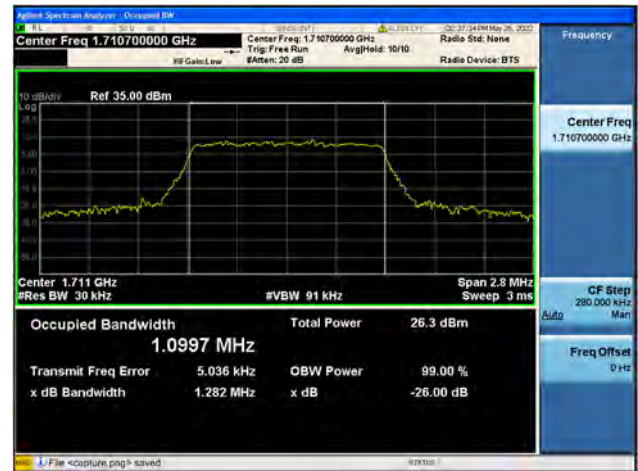




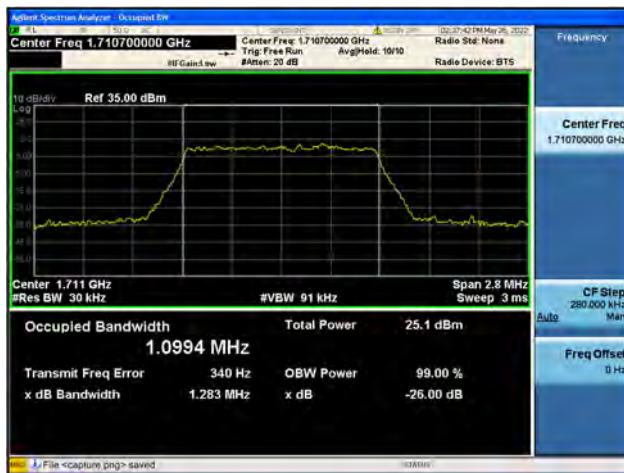
B4 / 1.4MHz / QPSK/ Low CH



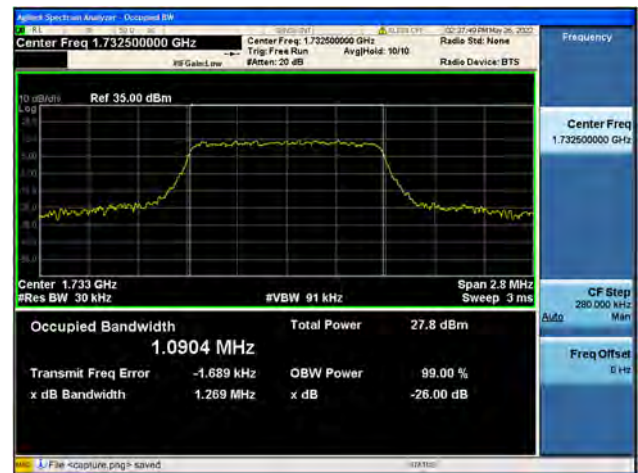
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH

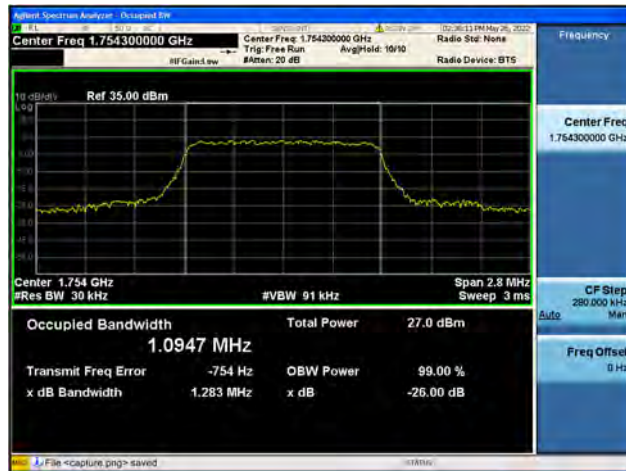


B4 / 1.4MHz / 64QAM/ Mid CH

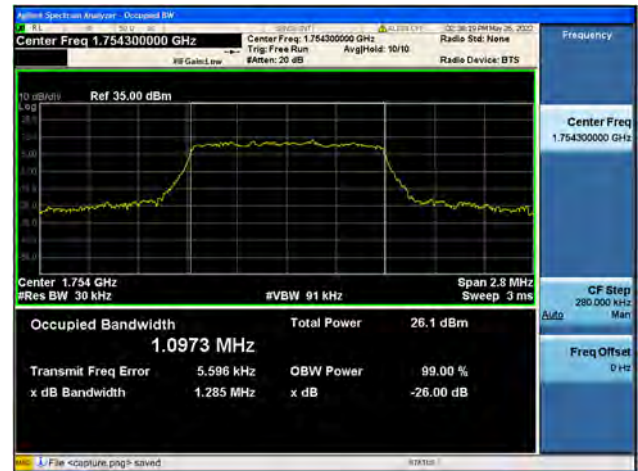




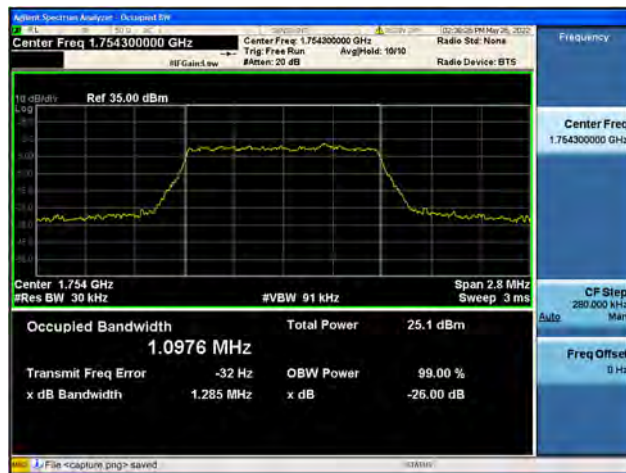
B4 / 1.4MHz / QPSK/ High CH



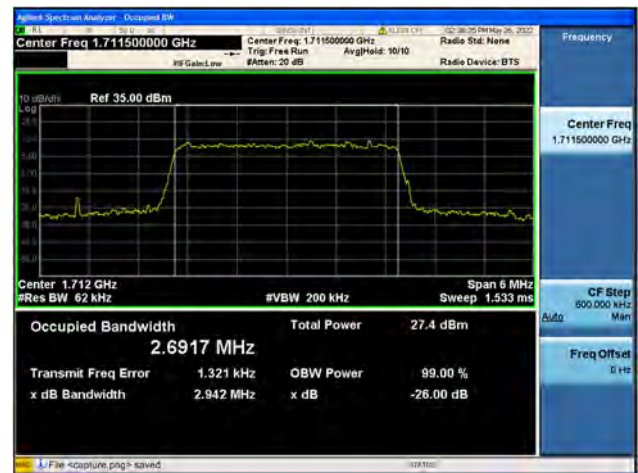
B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH

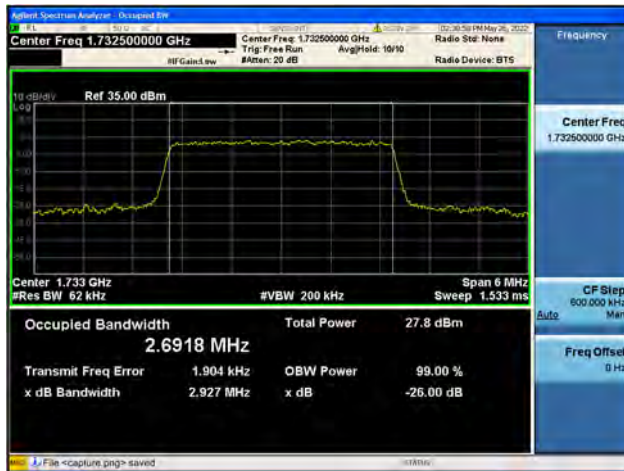


B4 / 3MHz / 64QAM/ Low CH

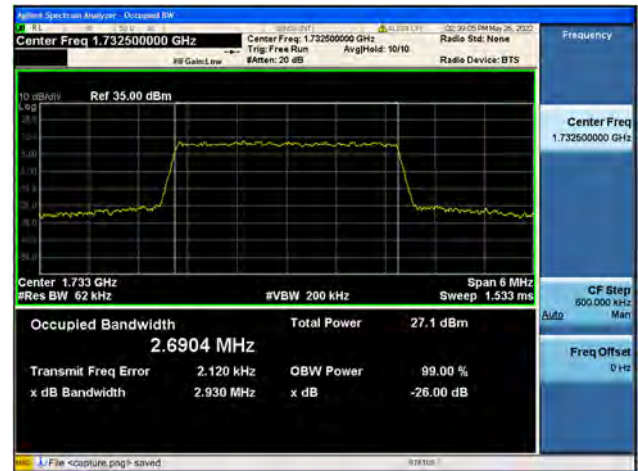




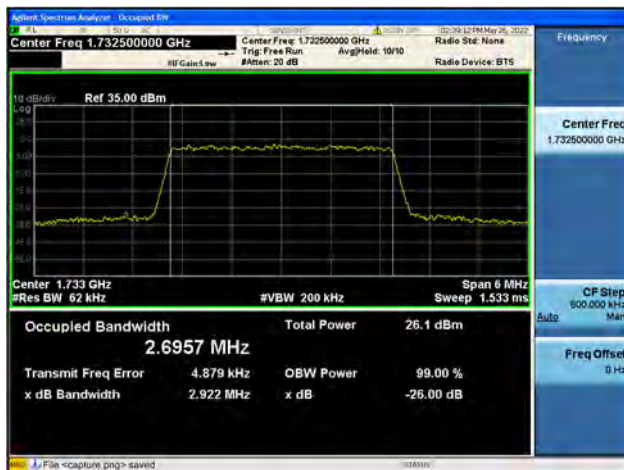
B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH

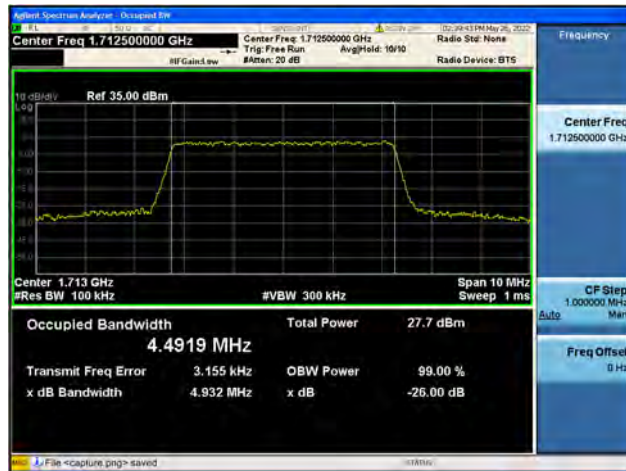


B4 / 3MHz / 64QAM/ High CH

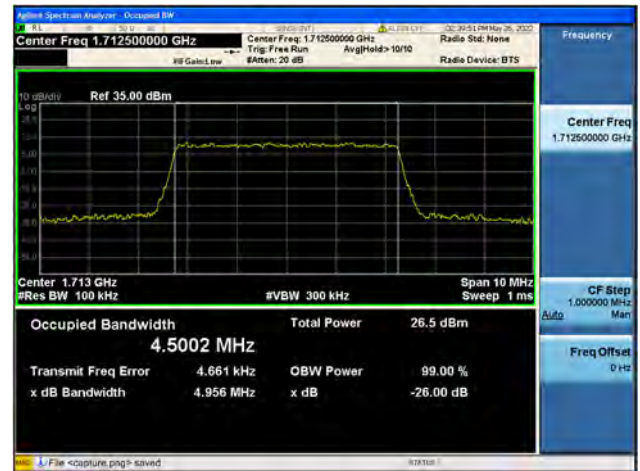




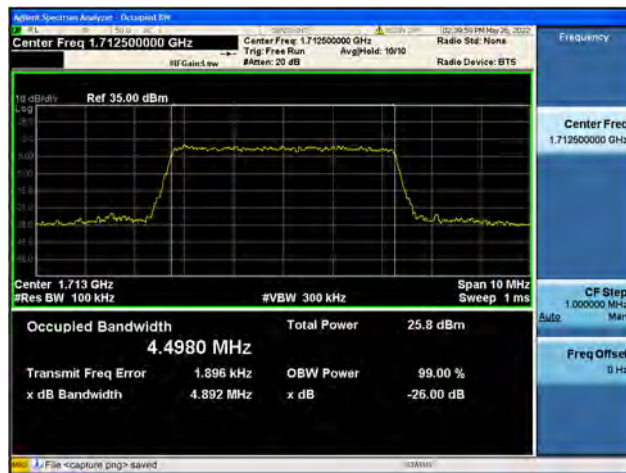
B4 / 5MHz / QPSK/ Low CH



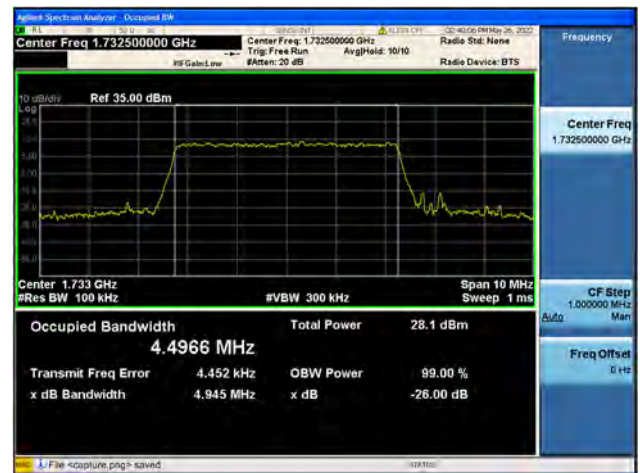
B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH

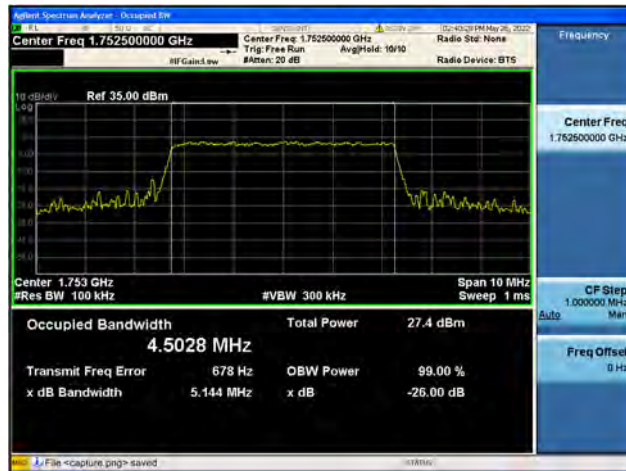


B4 / 5MHz / 64QAM/ Mid CH

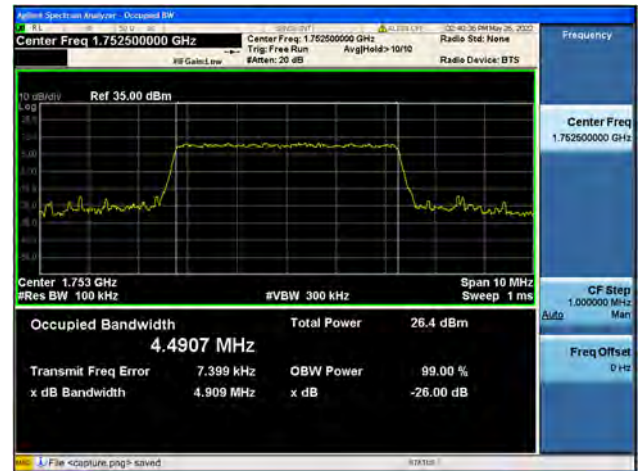




B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



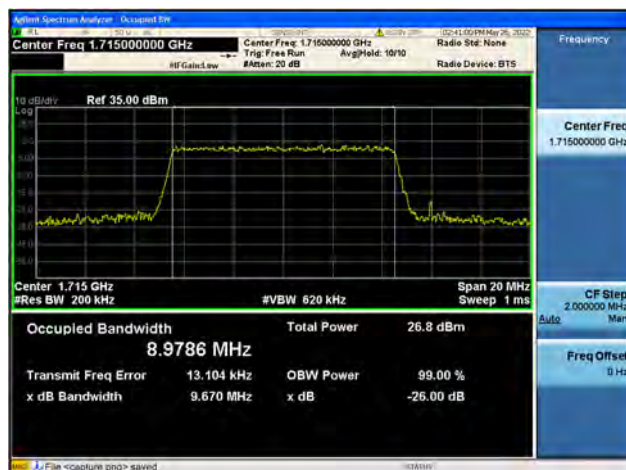
B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH

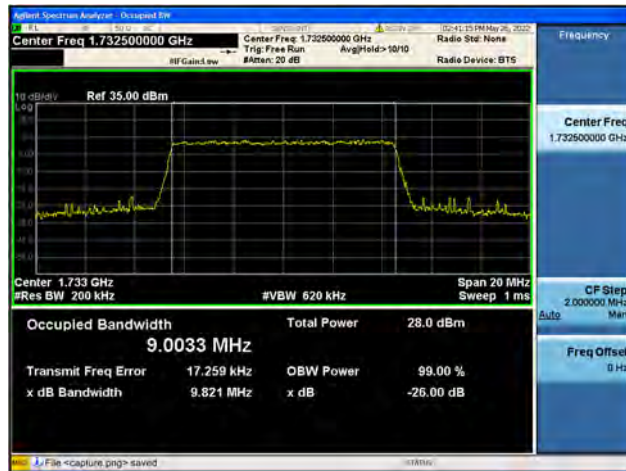


B4 / 10MHz / 64QAM/ Low CH

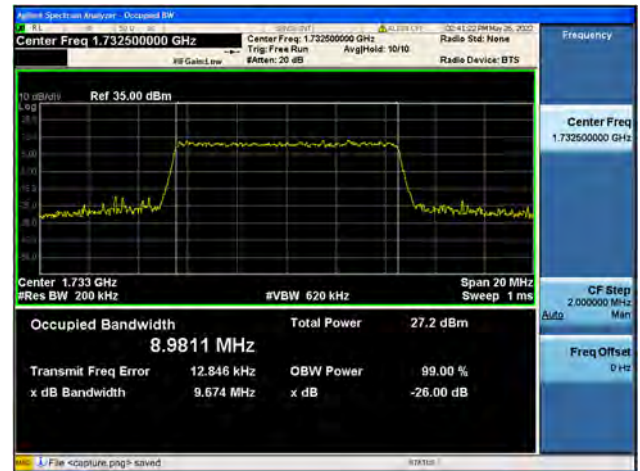




B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



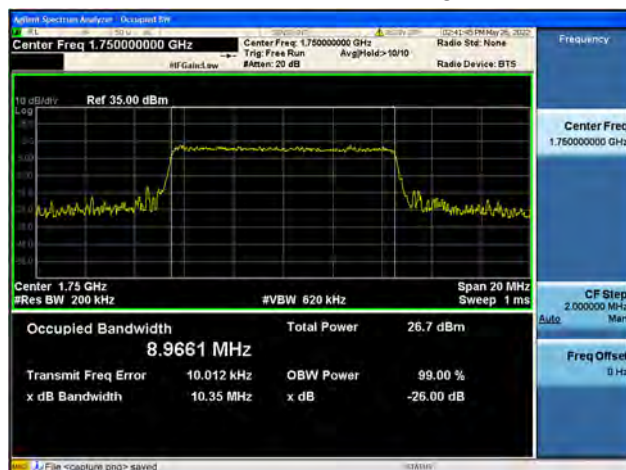
B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH

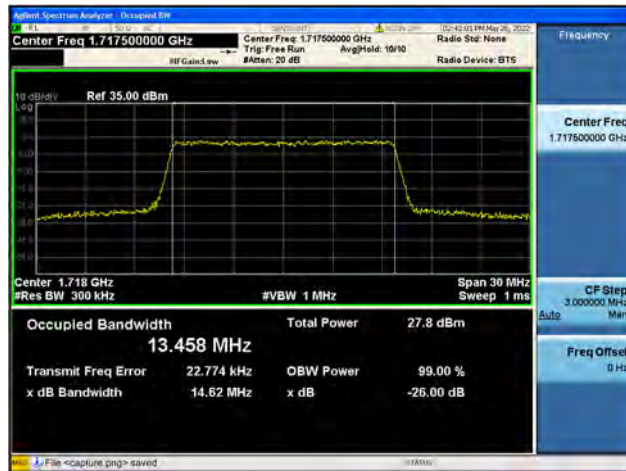


B4 / 10MHz / 64QAM/ High CH

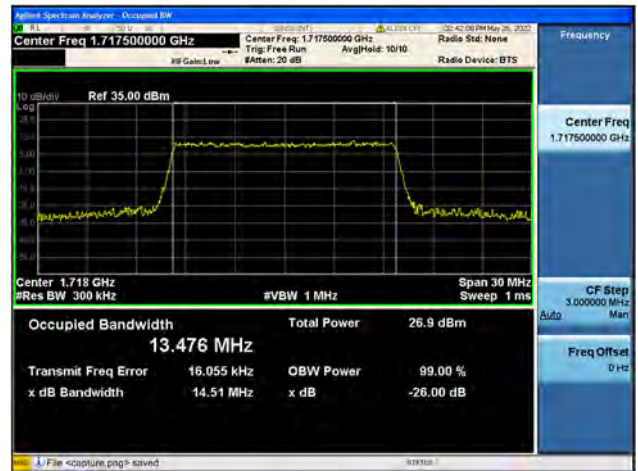




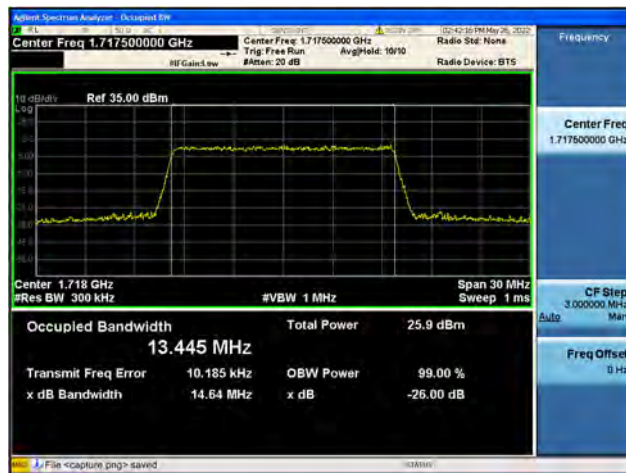
B4 / 15MHz / QPSK/ Low CH



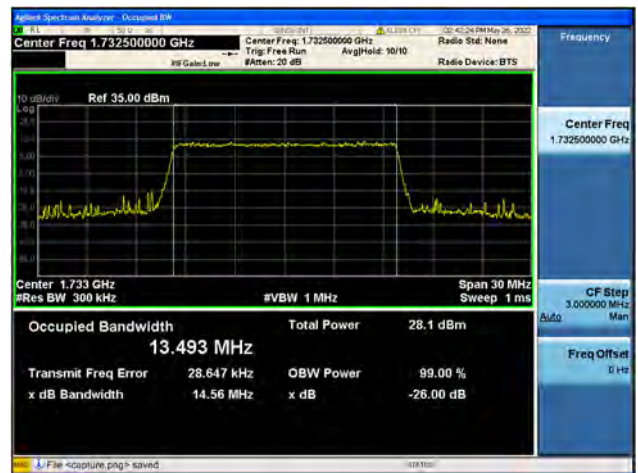
B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH

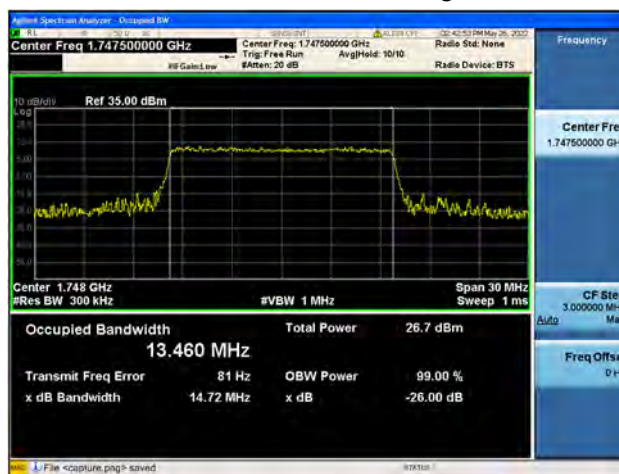




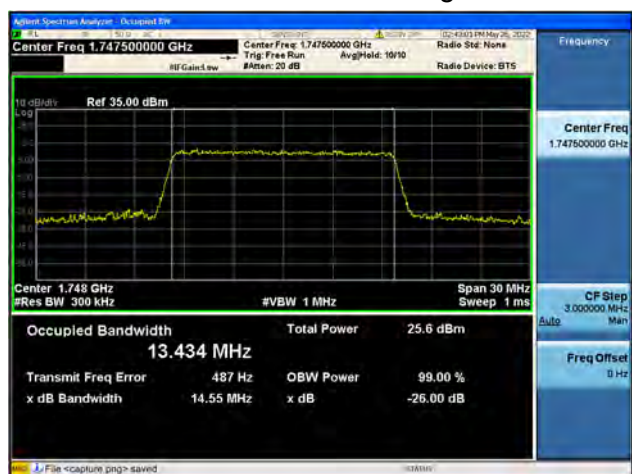
B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH

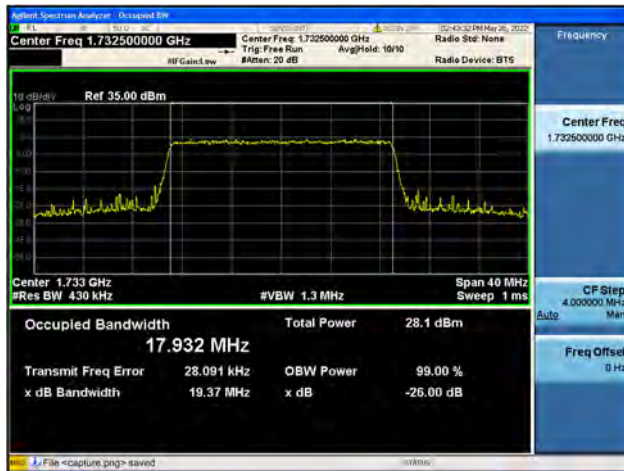


B4 / 20MHz / 64QAM/ Low CH

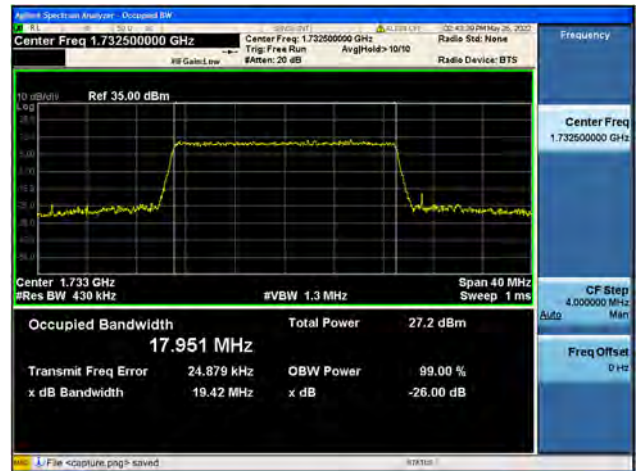




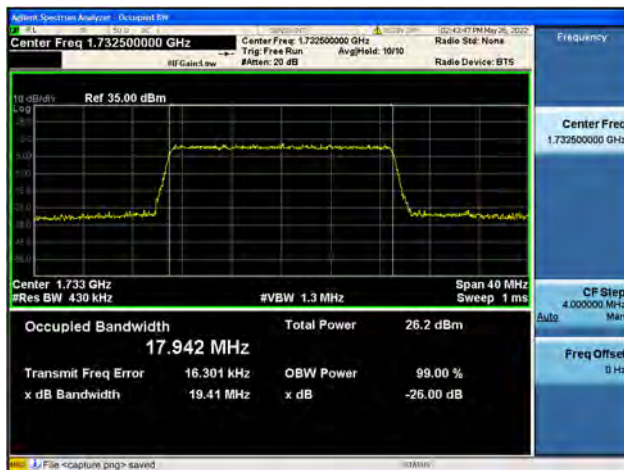
B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH

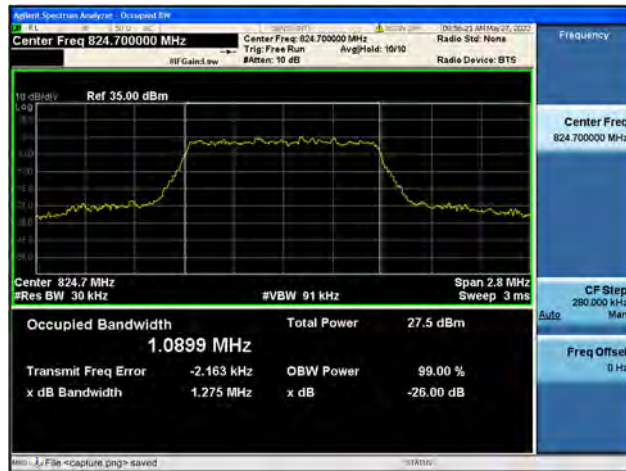


B4 / 20MHz / 64QAM/ High CH





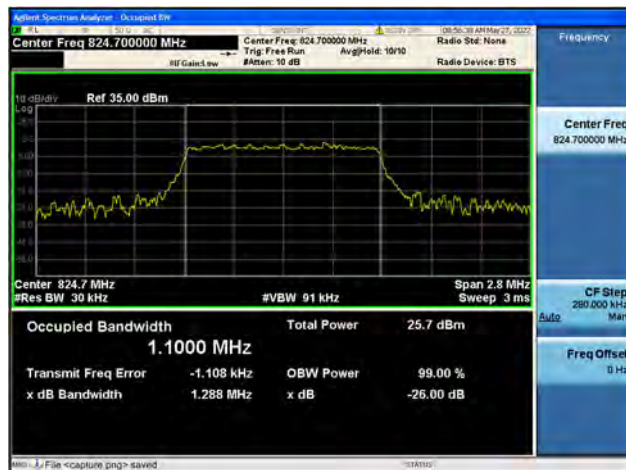
B5 / 1.4MHz / QPSK/ Low CH



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

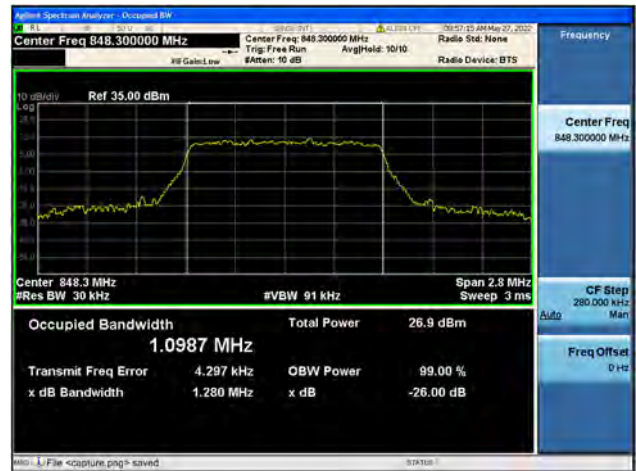




B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH

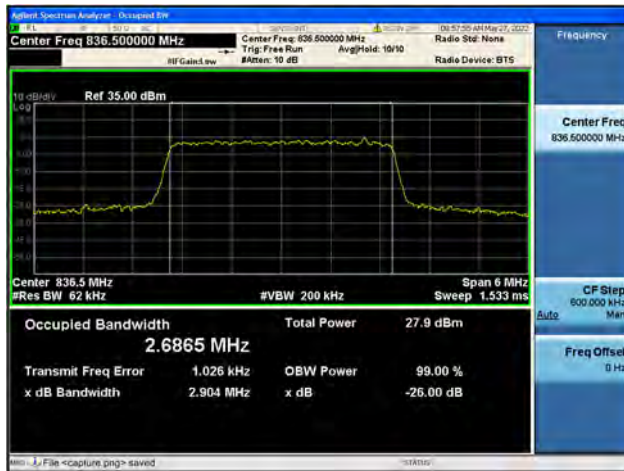


B5 / 3MHz / 64QAM/ Low CH





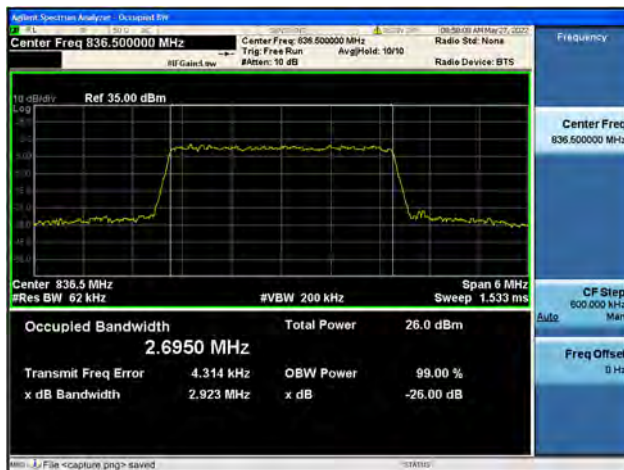
B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH

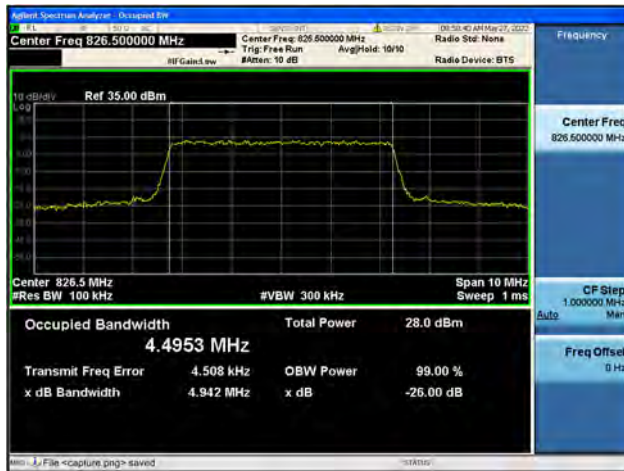


B5 / 3MHz / 64QAM/ High CH





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

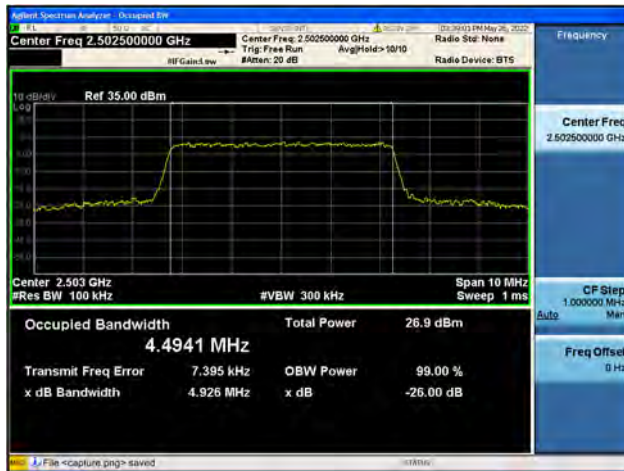


B5 / 10MHz / 64QAM/ High CH





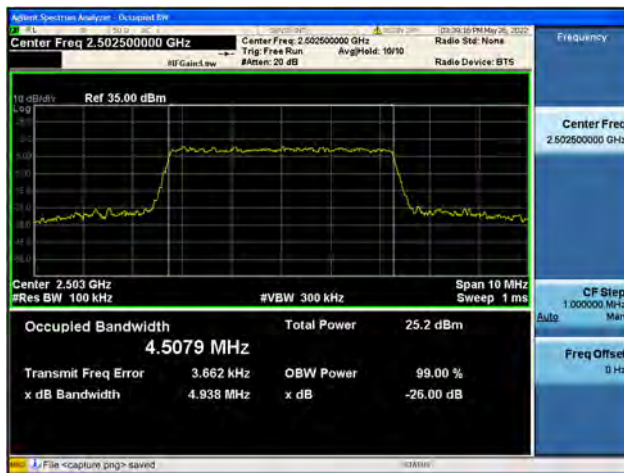
B7 / 5MHz / QPSK/ Low CH



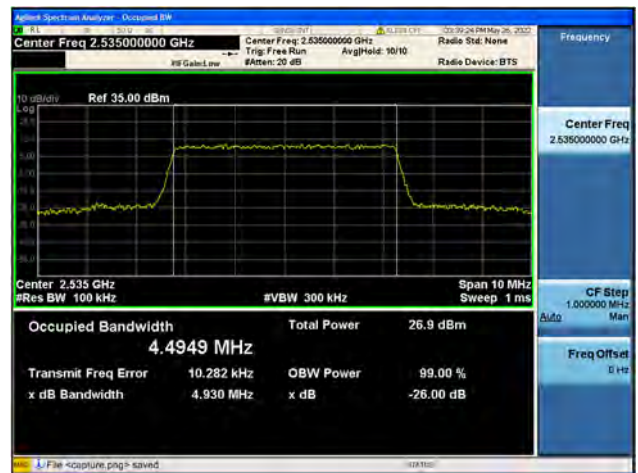
B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



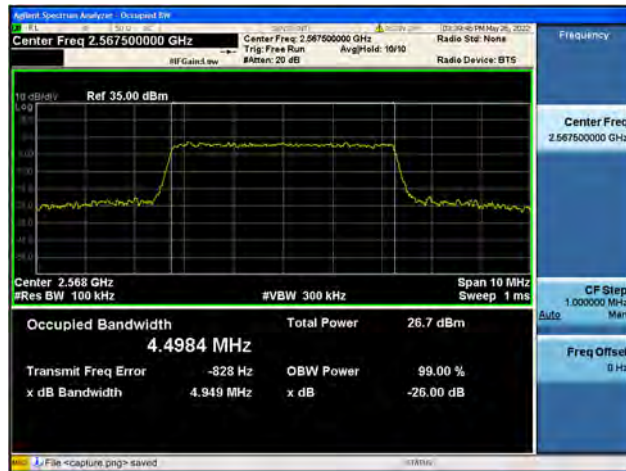
B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH



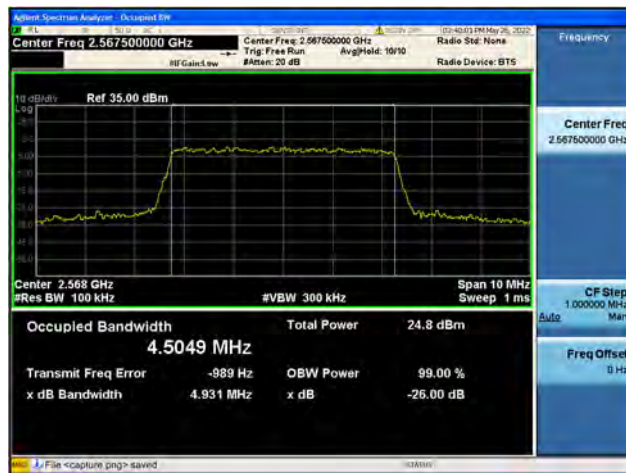
B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH

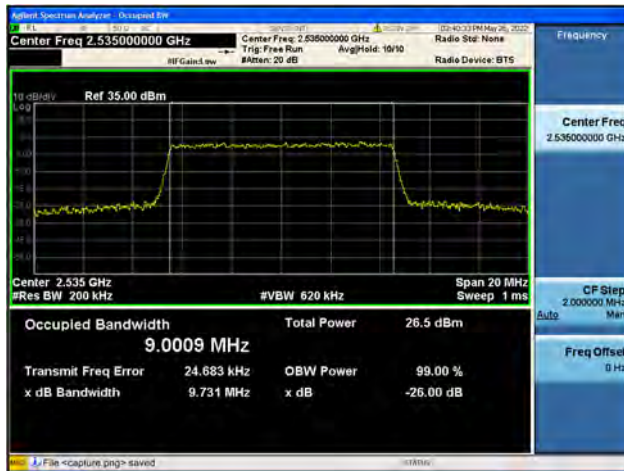


B7 / 10MHz / 64QAM/ Low CH





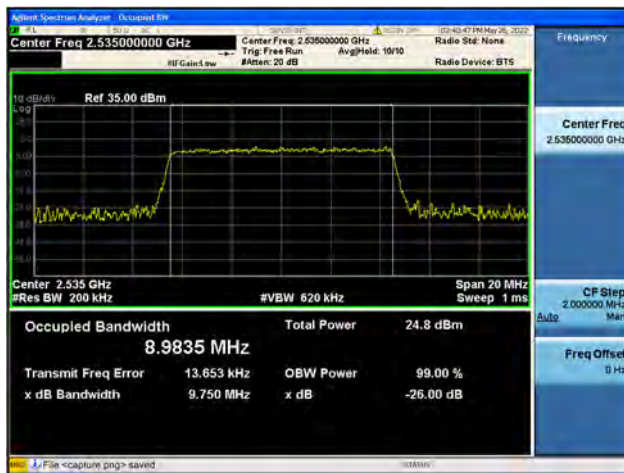
B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH

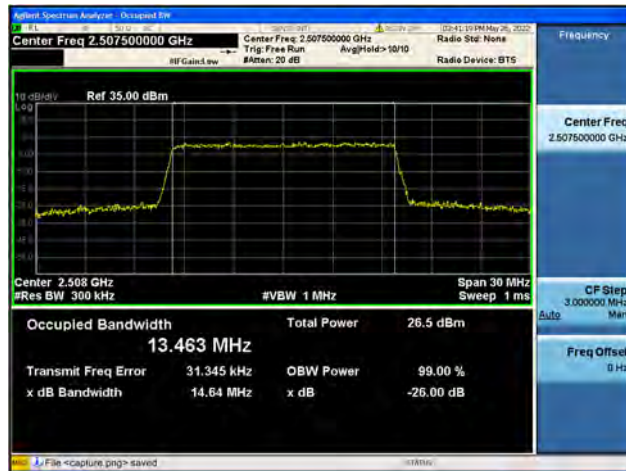


B7 / 10MHz / 64QAM/ High CH

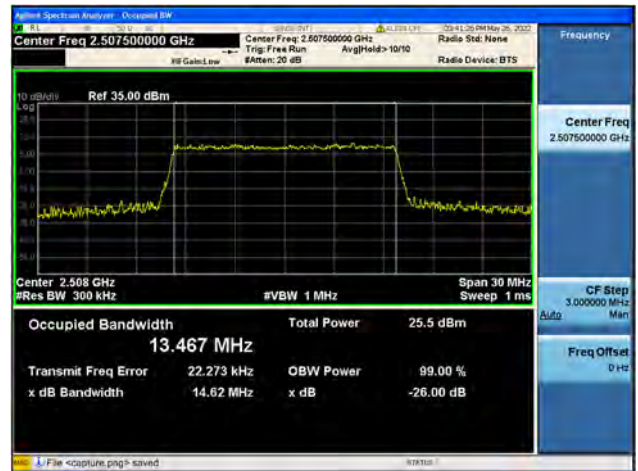




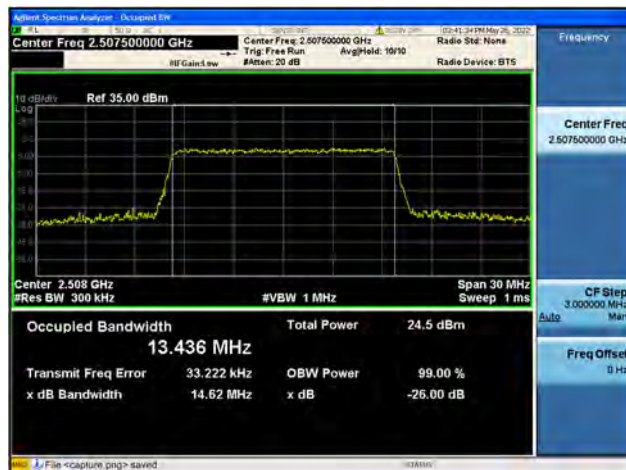
B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH

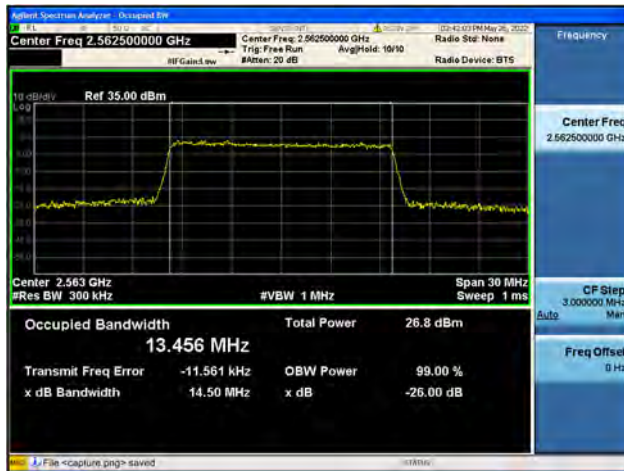


B7 / 15MHz / 64QAM/ Mid CH

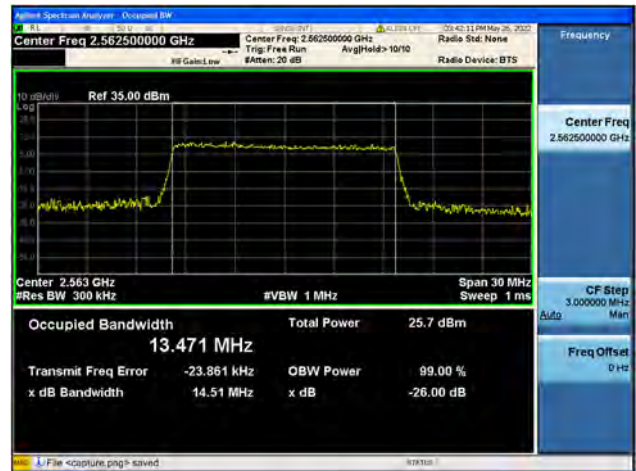




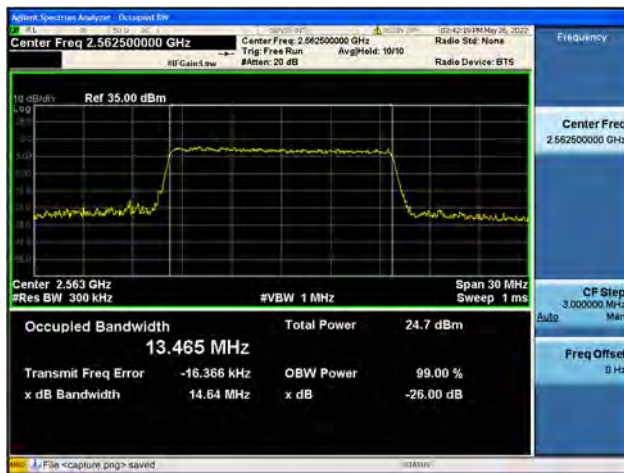
B7 / 15MHz / QPSK/ High CH



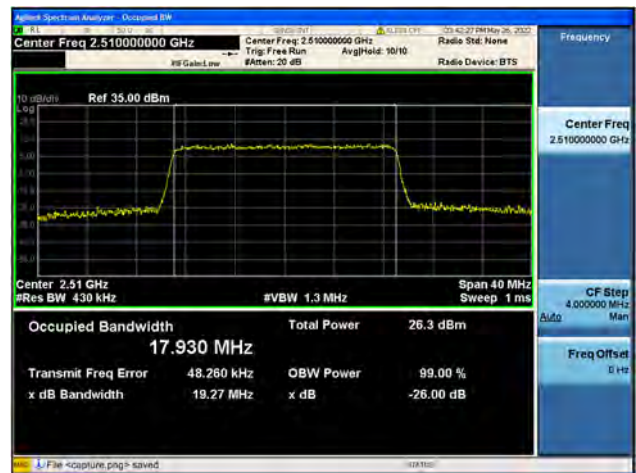
B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



B7 / 20MHz / 16QAM/ Low CH

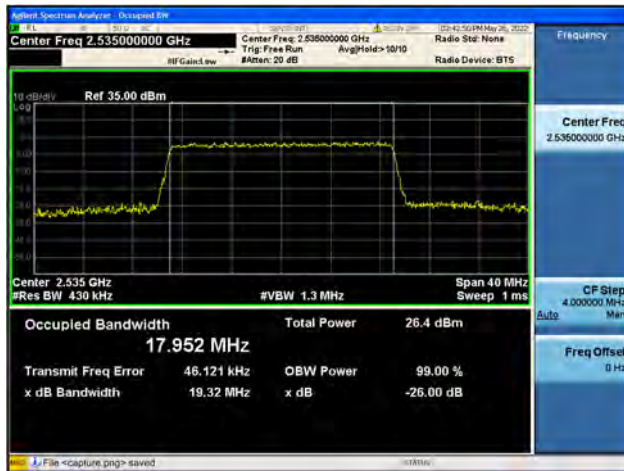


B7 / 20MHz / 64QAM/ Low CH





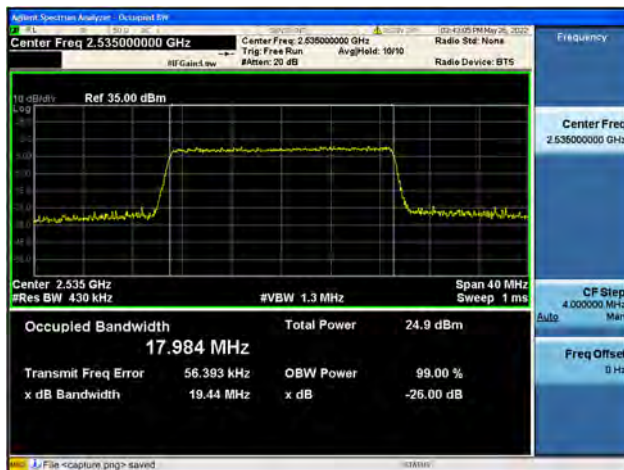
B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH

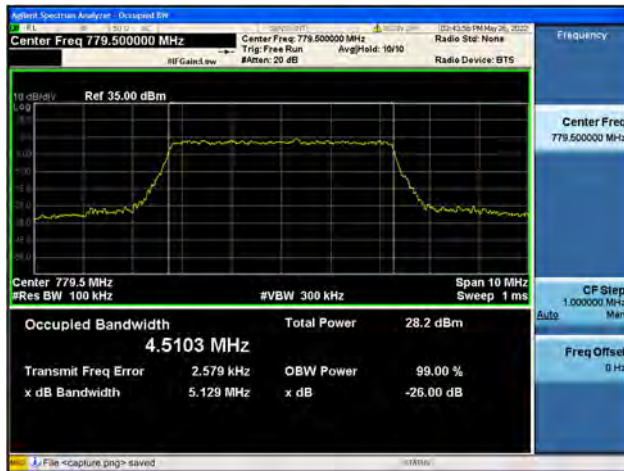


B7 / 20MHz / 64QAM/ High CH





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

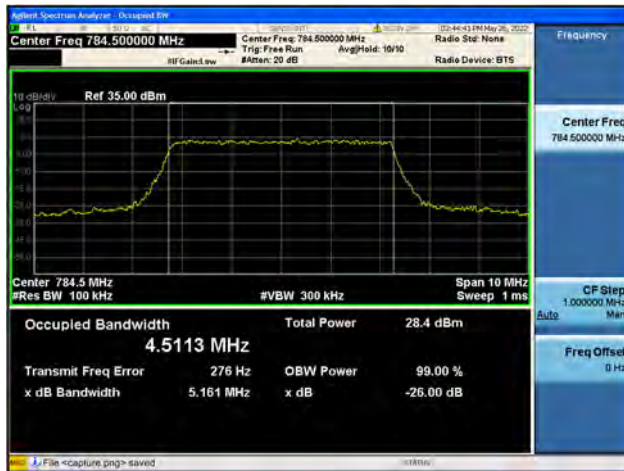


B13 / 5MHz / 64QAM/ Mid CH

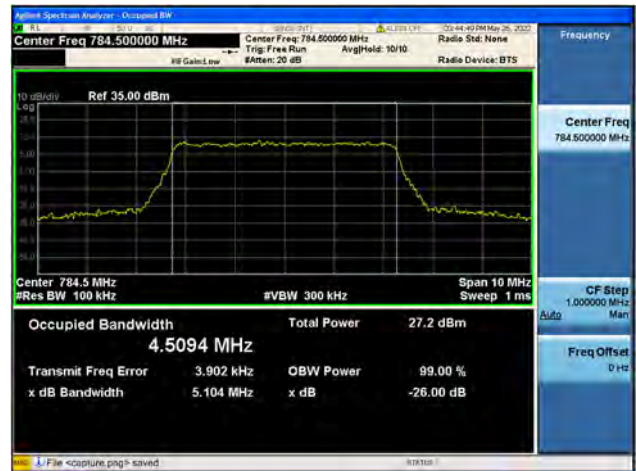




B13 / 5MHz / QPSK/ High CH



B13 / 5MHz / 16QAM/ High CH



B13 / 5MHz / 64QAM/ High CH



B13 / 10MHz / QPSK/ Low CH



B13 / 10MHz / 16QAM/ Low CH



B13 / 10MHz / 64QAM/ Low CH





B13 / 10MHz / QPSK/ Mid CH



B13 / 10MHz / 16QAM/ Mid CH



B13 / 10MHz / 64QAM/ Mid CH



B13 / 10MHz / QPSK/ High CH



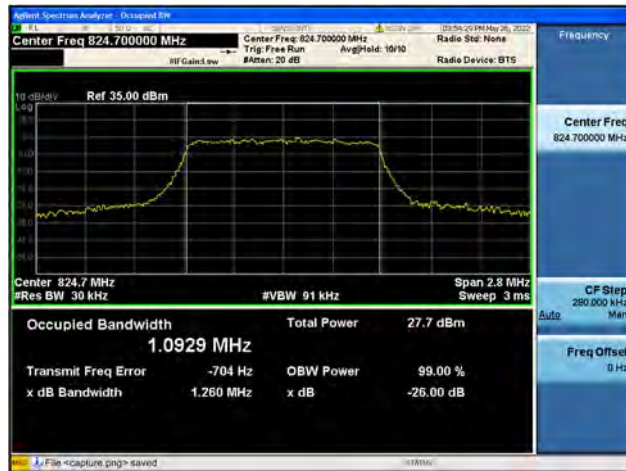
B13 / 10MHz / 16QAM/ High CH



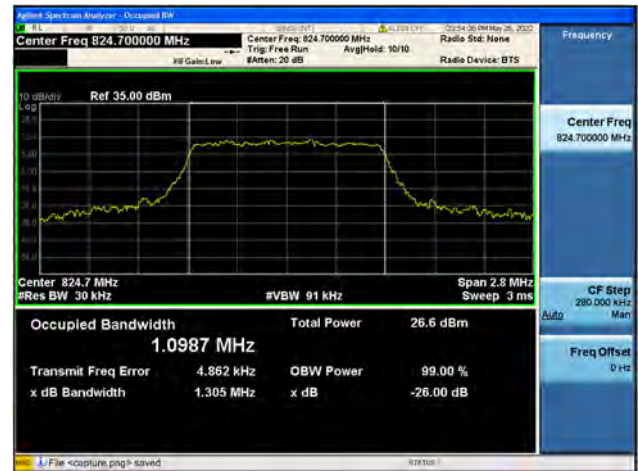
B13 / 10MHz / 64QAM/ High CH



B26Part22 / 1.4MHz / QPSK/ Low CH



B26Part22 / 1.4MHz / 16QAM/ Low CH



B26Part22 / 1.4MHz / 64QAM/ Low CH



B26Part22 / 1.4MHz / QPSK/ Mid CH



B26Part22 / 1.4MHz / 16QAM/ Mid CH

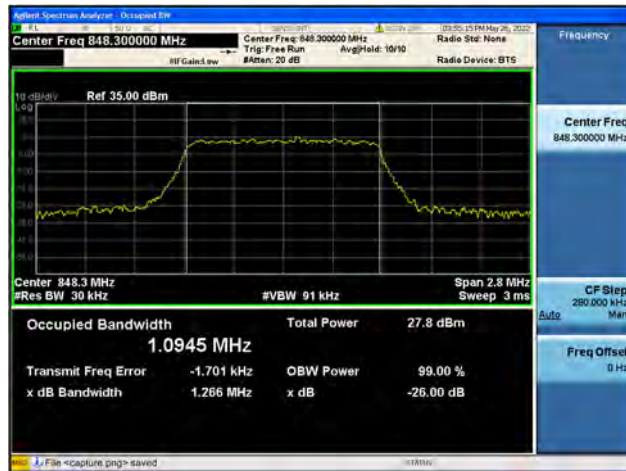


B26Part22 / 1.4MHz / 64QAM/ Mid CH





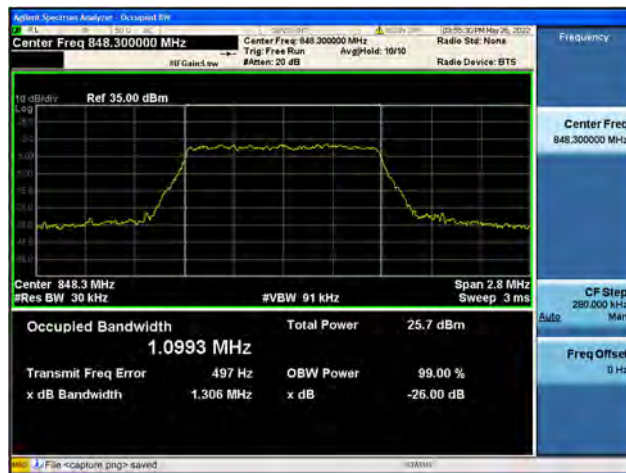
B26Part22 / 1.4MHz / QPSK/ High CH



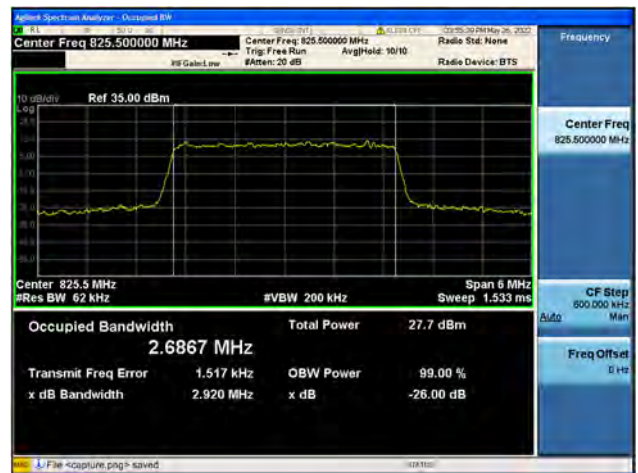
B26Part22 / 1.4MHz / 16QAM/ High CH



B26Part22 / 1.4MHz / 64QAM/ High CH



B26Part22 / 3MHz / QPSK/ Low CH



B26Part22 / 3MHz / 16QAM/ Low CH

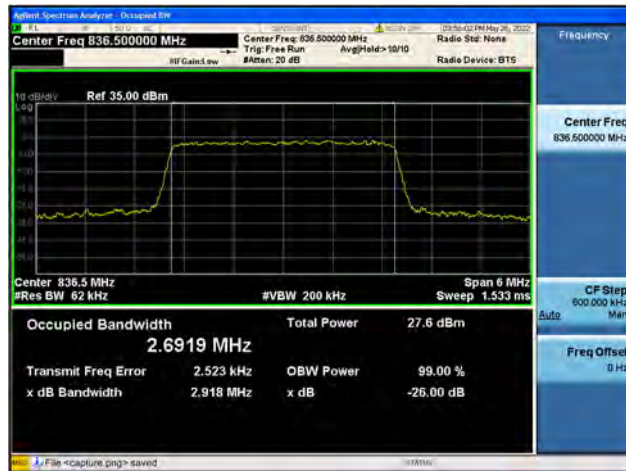


B26Part22 / 3MHz / 64QAM/ Low CH

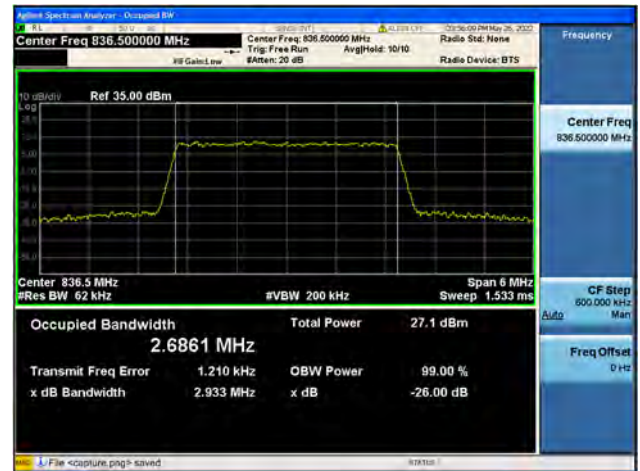




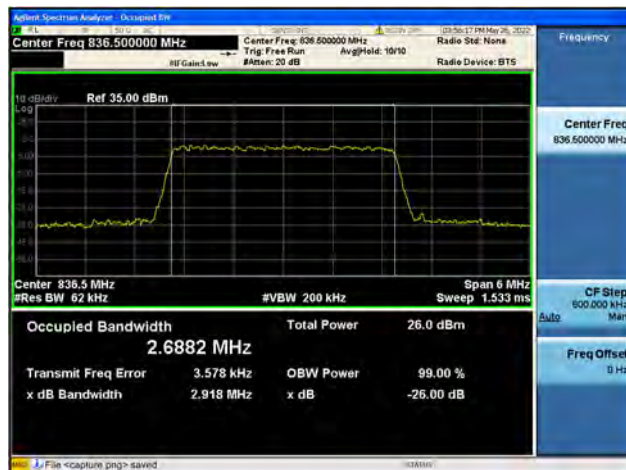
B26Part22 / 3MHz / QPSK/ Mid CH



B26Part22 / 3MHz / 16QAM/ Mid CH



B26Part22 / 3MHz / 64QAM/ Mid CH



B26Part22 / 3MHz / QPSK/ High CH



B26Part22 / 3MHz / 16QAM/ High CH

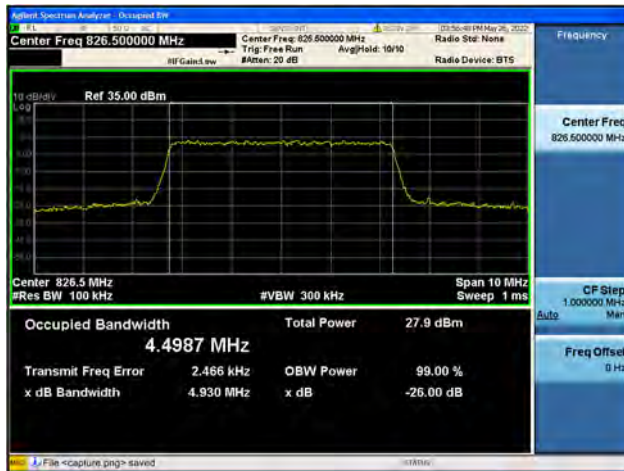


B26Part22 / 3MHz / 64QAM/ High CH





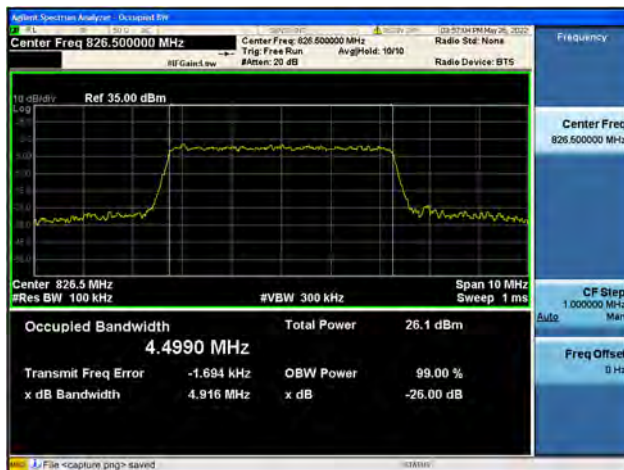
B26Part22 / 5MHz / QPSK/ Low CH



B26Part22 / 5MHz / 16QAM/ Low CH



B26Part22 / 5MHz / 64QAM/ Low CH



B26Part22 / 5MHz / QPSK/ Mid CH



B26Part22 / 5MHz / 16QAM/ Mid CH

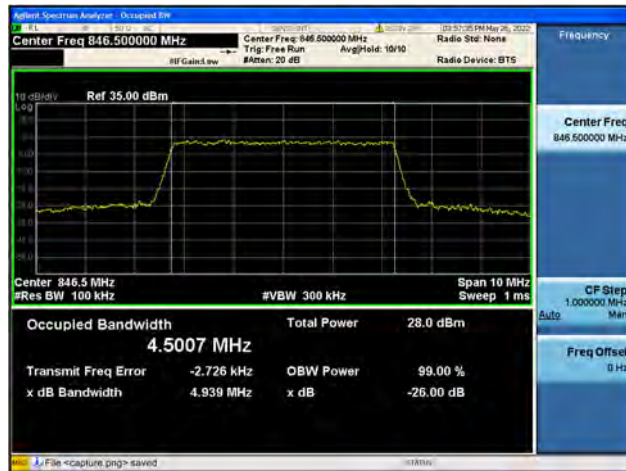


B26Part22 / 5MHz / 64QAM/ Mid CH





B26Part22 / 5MHz / QPSK/ High CH



B26Part22 / 5MHz / 16QAM/ High CH



B26Part22 / 5MHz / 64QAM/ High CH



B26Part22 / 10MHz / QPSK/ Low CH



B26Part22 / 10MHz / 16QAM/ Low CH

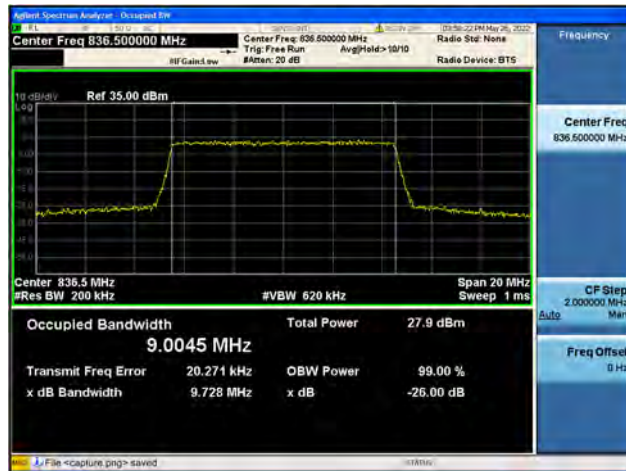


B26Part22 / 10MHz / 64QAM/ Low CH

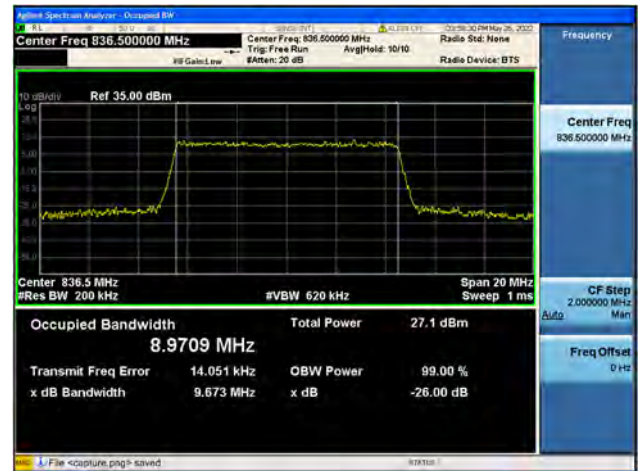




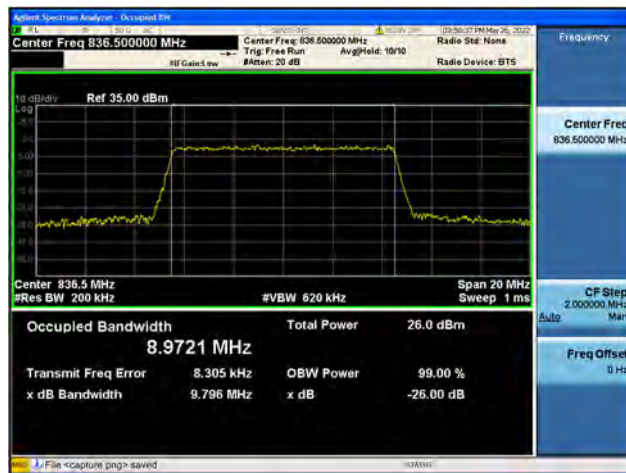
B26Part22 / 10MHz / QPSK/ Mid CH



B26Part22 / 10MHz / 16QAM/ Mid CH



B26Part22 / 10MHz / 64QAM/ Mid CH



B26Part22 / 10MHz / QPSK/ High CH



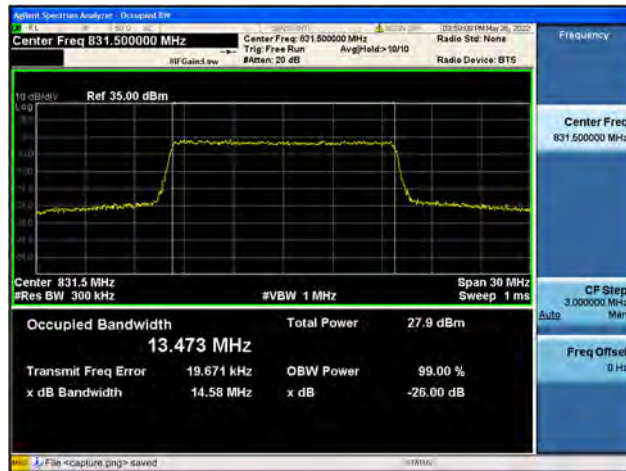
B26Part22 / 10MHz / 16QAM/ High CH



B26Part22 / 10MHz / 64QAM/ High CH



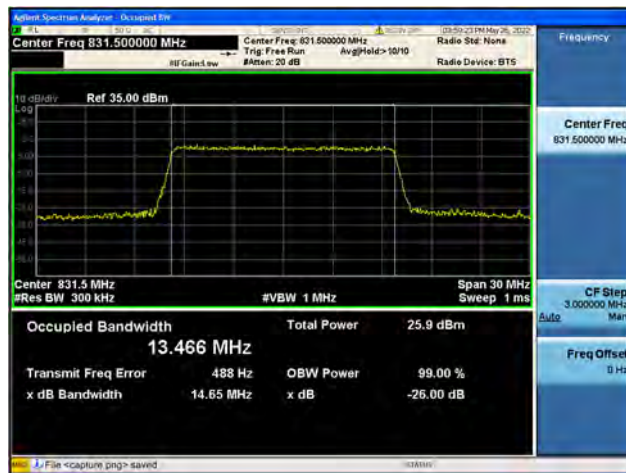
B26Part22 / 15MHz / QPSK/ Low CH



B26Part22 / 15MHz / 16QAM/ Low CH



B26Part22 / 15MHz / 64QAM/ Low CH



B26Part22 / 15MHz / QPSK/ Mid CH



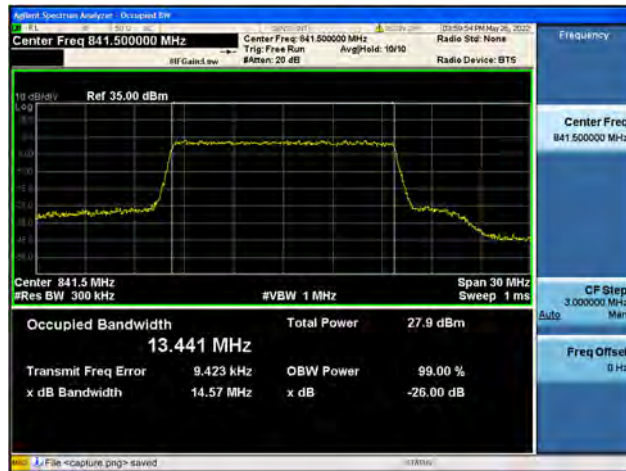
B26Part22 / 15MHz / 16QAM/ Mid CH



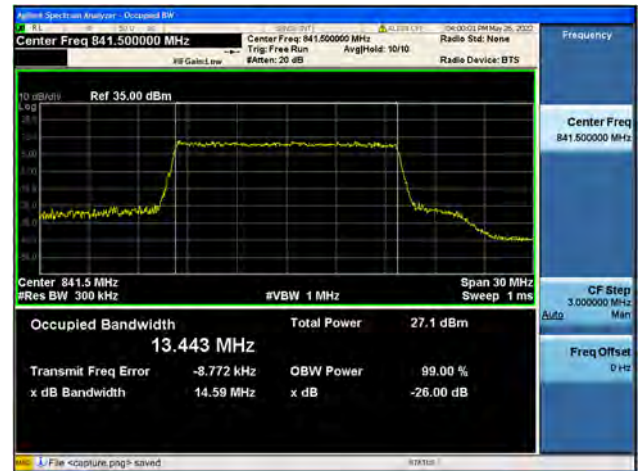
B26Part22 / 15MHz / 64QAM/ Mid CH



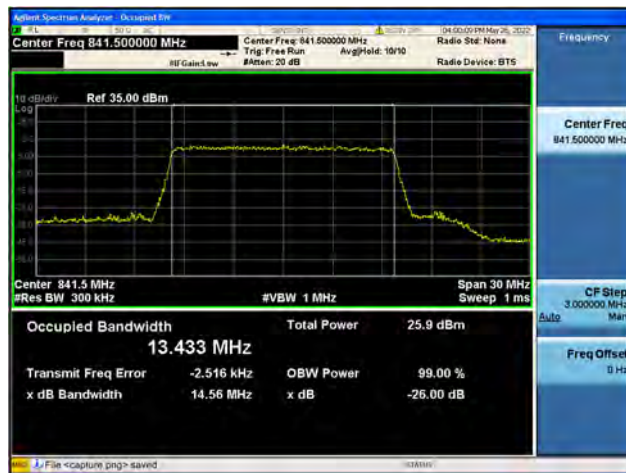
B26Part22 / 15MHz / QPSK/ High CH



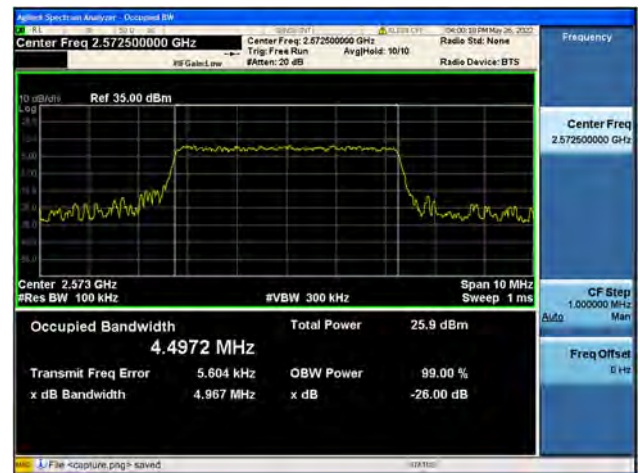
B26Part22 / 15MHz / 16QAM/ High CH



B26Part22 / 15MHz / 64QAM/ High CH

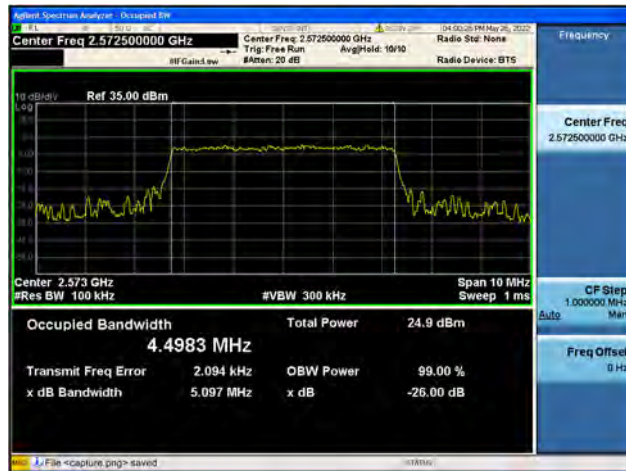


B38 / 5MHz / QPSK/ Low CH

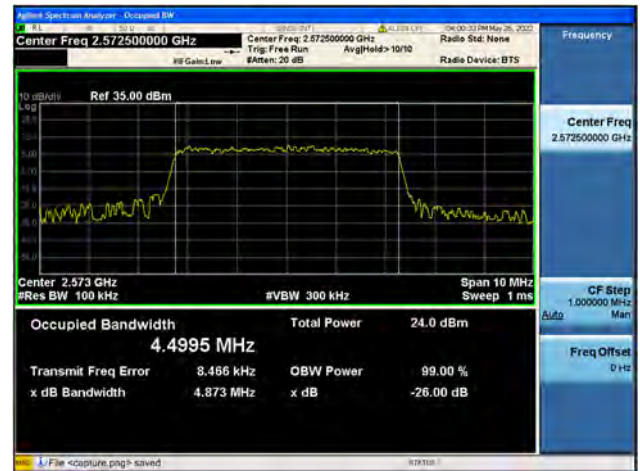




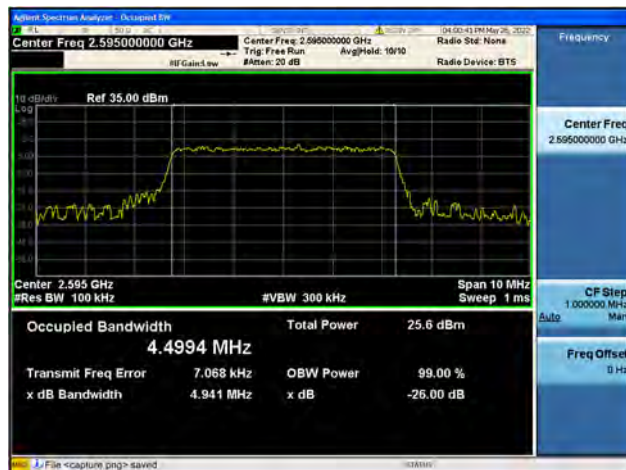
B38 / 5MHz / 16QAM/ Low CH



B38 / 5MHz / 64QAM/ Low CH



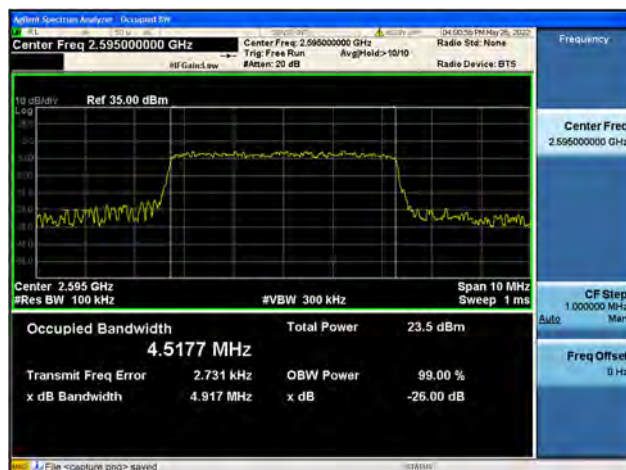
B38 / 5MHz / QPSK/ Mid CH



B38 / 5MHz / 16QAM/ Mid CH



B38 / 5MHz / 64QAM/ Mid CH



B38 / 5MHz / QPSK/ High CH

