TEST REPORT

APPLICANT	:	Reliance Communications, LLC
PRODUCT NAME	:	Orbic Speed X 5G
MODEL NAME	:	R562L5
BRAND NAME	:	Orbic
FCC ID	:	2ABGH-R562L5
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart F&H&L&M
RECEIPT DATE	:	2023-09-26
TEST DATE	:	2023-10-11 to 2023-12-27
ISSUE DATE	:	2024-04-08

Edited by: Peng Mi (Rapporteur)

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Change History		
Version	Date	Reason for change
1.0	2024-04-08	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Reliance Communications, LLC
Applicant Address:	555 Wireless Blvd. Hauppauge, NY 11788, USA
Manufacturer:	MeiG Smart Technology Co., Ltd
Manufacturer Address:	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Speed X 5G	
Sample No.:	3#	
Hardware Version:	SPEEDVZ_V1.02_PCB	
Software Version:	R562L5_8.222.41_EQ103	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 66	
Carrier Aggregation(UL):	13A-66A, 66B, 66C, 2A-13A, 2A-66A, 2A-4A, 2A-5A, 4A-5A, 5A-66A, 4A-13A, 5B	
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 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz

Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	ANT0: 1.75dBi; ANT4: 1.72dBi
	LTE Band 4	ANT0: 1.50dBi; ANT4: 1.84dBi
	LTE Band 5	ANT0: 0.86dBi
	LTE Band 7	ANT0: 1.92dBi
	LTE Band 12	ANT0: 0.73dBi
	LTE Band 13	ANT0: 0.80dBi
	LTE Band 66	ANT0: 1.62dBi; ANT4: 1.91dBi
Accessory Information:	Battery	
	Brand Name:	Orbic
	Model No.:	R562L5
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Shenzhen Aerospace Electronic Co.,Ltd
	AC Adapter	
	Brand Name:	Orbic
	Model No.:	OACH023US1
	Serial No.:	N/A
	Rated Output:	5V⎓3A or 9V⎓2A or 12V⎓1.5A
	Rated Input:	100-240V～50/60Hz, 0.5A
	Manufacturer 1:	WATAI ELECTRONICS PRIVATE LIMITED
	Manufacturer 2:	KANGYIN ELECTRONIC TECHNOLOGY CO.,LTD
	USB Cable	
	Model No.:	OAUC023US1
	Manufacturer:	KANGYIN ELECTRONIC TECHNOLOGY CO.,LTD

Note 1: 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

ANT 0:

LTE Band 2	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.272	0.225	0.175	0.092	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.262	0.224	0.173	0.091	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.265	0.222	0.174	0.091	9M02G7D	9M03W7D	9M02W7D	9M01W7D
5	0.261	0.223	0.175	0.092	4M52G7D	4M54W7D	4M52W7D	4M53W7D
3	0.262	0.224	0.172	0.091	2M71G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.265	0.222	0.174	0.091	1M10G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.257	0.216	0.170	0.082	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.247	0.222	0.170	0.082	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.249	0.223	0.168	0.081	9M02G7D	9M02W7D	9M02W7D	9M02W7D
5	0.248	0.219	0.169	0.082	4M52G7D	4M53W7D	4M52W7D	4M53W7D
3	0.248	0.220	0.169	0.082	2M72G7D	2M72W7D	2M72W7D	2M72W7D
1.4	0.249	0.220	0.168	0.081	1M10G7D	1M11W7D	1M10W7D	1M11W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.161	0.129	0.101	0.051	9M00G7D	9M00W7D	9M03W7D	9M01W7D
5	0.155	0.133	0.099	0.050	4M53G7D	4M53W7D	4M53W7D	4M52W7D
3	0.154	0.129	0.099	0.050	2M71G7D	2M72W7D	2M72W7D	2M71W7D
1.4	0.155	0.129	0.103	0.052	1M10G7D	1M11W7D	1M11W7D	1M11W7D

LTE Band 7	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.281	0.230	0.183	0.092	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.275	0.230	0.181	0.092	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.273	0.227	0.182	0.092	9M02G7D	9M04W7D	9M04W7D	9M02W7D
5	0.275	0.229	0.182	0.092	4M53G7D	4M52W7D	4M53W7D	4M52W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.160	0.137	0.110	0.051	9M03G7D	9M00W7D	9M04W7D	9M02W7D
5	0.157	0.136	0.109	0.050	4M52G7D	4M52W7D	4M53W7D	4M53W7D
3	0.160	0.135	0.108	0.050	2M72G7D	2M74W7D	2M72W7D	2M72W7D
1.4	0.160	0.135	0.109	0.050	1M10G7D	1M11W7D	1M11W7D	1M10W7D
LTE Band 13	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.161	0.138	0.109	0.052	8M97G7D	8M96W7D	8M96W7D	8M98W7D
5	0.160	0.135	0.108	0.051	4M53G7D	4M53W7D	4M52W7D	4M52W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**				**Emission Designator (99%OBW)**			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.265	0.220	0.179	0.090	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.253	0.219	0.177	0.089	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.250	0.217	0.175	0.087	9M02G7D	9M05W7D	9M01W7D	9M01W7D
5	0.252	0.215	0.175	0.087	4M52G7D	4M53W7D	4M54W7D	4M52W7D
3	0.248	0.215	0.177	0.088	2M72G7D	2M73W7D	2M72W7D	2M72W7D
1.4	0.256	0.214	0.175	0.088	1M10G7D	1M11W7D	1M10W7D	1M11W7D

ANT 4:

LTE Band 2	**Maximum E.R.P./E.I.R.P. (W)**			
BW(MHz)	QPSK	16QAM	64QAM	256QAM
20	0.282	0.240	0.189	0.091
15	0.275	0.245	0.189	0.090
10	0.273	0.247	0.185	0.089
5	0.272	0.247	0.187	0.091
3	0.273	0.244	0.187	0.091
1.4	0.280	0.248	0.189	0.091
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**			
BW(MHz)	QPSK	16QAM	64QAM	256QAM
20	0.272	0.226	0.176	0.093
15	0.268	0.229	0.173	0.091
10	0.270	0.223	0.175	0.092
5	0.267	0.228	0.178	0.092
3	0.267	0.229	0.173	0.091
1.4	0.270	0.227	0.177	0.092
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**			
BW(MHz)	QPSK	16QAM	64QAM	256QAM
20	0.292	0.243	0.197	0.099
15	0.279	0.242	0.195	0.097
10	0.275	0.239	0.193	0.096
5	0.277	0.237	0.193	0.096
3	0.273	0.237	0.195	0.097
1.4	0.282	0.236	0.193	0.097

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Dec. 10, 2023	Zheng Jianhua Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Oct. 17&19, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Oct. 11, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Oct. 17&19, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Oct. 11&19, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Oct. 11&18, 2023	Li Huaijie	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Dec. 27, 2023	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 equipment. 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&H&L&M Requirements

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

2.1.1. Requirement

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

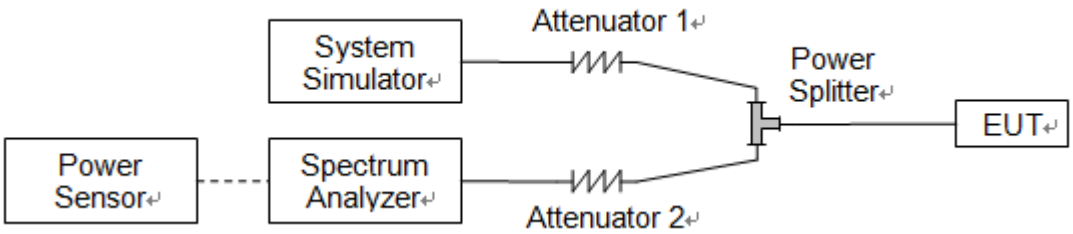
According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5, 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, 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 (c)(10) for LTE Band 12, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)
E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15

2.1.4. Result

Conducted Output Power:

ANT 0:

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	22.56	22.59	22.55
20	QPSK	1	49	22.34	22.40	22.36
20	QPSK	1	99	22.32	22.38	22.37
20	QPSK	50	0	21.58	21.65	21.55
20	QPSK	50	24	21.55	21.61	21.57
20	QPSK	50	50	21.50	21.57	21.55
20	QPSK	100	0	21.52	21.55	21.50
20	16QAM	1	0	21.76	21.78	21.76
20	16QAM	1	49	21.73	21.75	21.67
20	16QAM	1	99	21.70	21.74	21.73
20	16QAM	50	0	20.42	20.46	20.39
20	16QAM	50	24	20.44	20.45	20.38
20	16QAM	50	50	20.43	20.44	20.37
20	16QAM	100	0	20.36	20.42	20.38
20	64QAM	1	0	20.62	20.69	20.66
20	64QAM	1	49	20.55	20.63	20.58
20	64QAM	1	99	20.59	20.62	20.57
20	64QAM	50	0	20.49	20.50	20.42
20	64QAM	50	24	20.47	20.48	20.46
20	64QAM	50	50	20.41	20.45	20.42
20	64QAM	100	0	20.36	20.42	20.36
20	256QAM	1	0	17.83	17.90	17.87
20	256QAM	1	49	17.76	17.84	17.79
20	256QAM	1	99	17.80	17.83	17.78
20	256QAM	50	0	17.70	17.71	17.63
20	256QAM	50	24	17.68	17.69	17.67
20	256QAM	50	50	17.62	17.66	17.63
20	256QAM	100	0	17.57	17.63	17.57

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	22.38	22.44	22.37
15	QPSK	1	37	22.26	22.35	22.31
15	QPSK	1	74	22.31	22.36	22.32
15	QPSK	36	0	21.56	21.61	21.58
15	QPSK	36	20	21.47	21.54	21.56
15	QPSK	36	39	21.48	21.55	21.54
15	QPSK	75	0	21.50	21.47	21.43
15	16QAM	1	0	21.75	21.73	21.69
15	16QAM	1	37	21.66	21.68	21.63
15	16QAM	1	74	21.62	21.66	21.68
15	16QAM	36	0	20.36	20.39	20.38
15	16QAM	36	20	20.39	20.44	20.32
15	16QAM	36	39	20.41	20.38	20.29
15	16QAM	75	0	20.31	20.41	20.33
15	64QAM	1	0	20.58	20.62	20.62
15	64QAM	1	37	20.54	20.62	20.50
15	64QAM	1	74	20.57	20.60	20.56
15	64QAM	36	0	20.47	20.45	20.37
15	64QAM	36	20	20.45	20.44	20.40
15	64QAM	36	39	20.39	20.44	20.35
15	64QAM	75	0	20.32	20.35	20.30
15	256QAM	1	0	17.79	17.83	17.83
15	256QAM	1	37	17.75	17.83	17.71
15	256QAM	1	74	17.78	17.81	17.77
15	256QAM	36	0	17.68	17.66	17.58
15	256QAM	36	20	17.66	17.65	17.61
15	256QAM	36	39	17.60	17.65	17.56
15	256QAM	75	0	17.53	17.56	17.51

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	22.37	22.48	22.40
10	QPSK	1	25	22.27	22.35	22.30
10	QPSK	1	49	22.25	22.34	22.29
10	QPSK	25	0	21.61	21.58	21.58
10	QPSK	25	12	21.54	21.56	21.53
10	QPSK	25	25	21.48	21.49	21.51
10	QPSK	50	0	21.45	21.54	21.46
10	16QAM	1	0	21.69	21.70	21.72
10	16QAM	1	25	21.70	21.68	21.59
10	16QAM	1	49	21.64	21.68	21.65
10	16QAM	25	0	20.39	20.43	20.33
10	16QAM	25	12	20.40	20.39	20.33
10	16QAM	25	25	20.40	20.43	20.33
10	16QAM	50	0	20.29	20.40	20.34
10	64QAM	1	0	20.60	20.65	20.63
10	64QAM	1	25	20.52	20.59	20.51
10	64QAM	1	49	20.56	20.61	20.53
10	64QAM	25	0	20.48	20.49	20.35
10	64QAM	25	12	20.43	20.40	20.43
10	64QAM	25	25	20.39	20.44	20.41
10	64QAM	50	0	20.32	20.40	20.29
10	256QAM	1	0	17.81	17.86	17.84
10	256QAM	1	25	17.73	17.80	17.72
10	256QAM	1	49	17.77	17.82	17.74
10	256QAM	25	0	17.69	17.70	17.56
10	256QAM	25	12	17.64	17.61	17.64
10	256QAM	25	25	17.60	17.65	17.62
10	256QAM	50	0	17.53	17.61	17.50

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	22.35	22.42	22.39
5	QPSK	1	12	22.29	22.39	22.30
5	QPSK	1	24	22.25	22.30	22.34
5	QPSK	12	0	21.57	21.58	21.56
5	QPSK	12	7	21.48	21.53	21.49
5	QPSK	12	13	21.46	21.55	21.51
5	QPSK	25	0	21.50	21.48	21.45
5	16QAM	1	0	21.74	21.70	21.72
5	16QAM	1	12	21.67	21.74	21.64
5	16QAM	1	24	21.62	21.67	21.66
5	16QAM	12	0	20.35	20.42	20.32
5	16QAM	12	7	20.42	20.44	20.33
5	16QAM	12	13	20.39	20.38	20.36
5	16QAM	25	0	20.31	20.41	20.35
5	64QAM	1	0	20.57	20.67	20.64
5	64QAM	1	12	20.54	20.58	20.54
5	64QAM	1	24	20.57	20.61	20.52
5	64QAM	12	0	20.47	20.48	20.41
5	64QAM	12	7	20.44	20.40	20.41
5	64QAM	12	13	20.35	20.38	20.34
5	64QAM	25	0	20.33	20.35	20.31
5	256QAM	1	0	17.78	17.88	17.85
5	256QAM	1	12	17.75	17.79	17.75
5	256QAM	1	24	17.78	17.82	17.73
5	256QAM	12	0	17.68	17.69	17.62
5	256QAM	12	7	17.65	17.61	17.62
5	256QAM	12	13	17.56	17.59	17.55
5	256QAM	25	0	17.54	17.56	17.52

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	22.37	22.43	22.38
3	QPSK	1	8	22.30	22.32	22.34
3	QPSK	1	14	22.30	22.35	22.32
3	QPSK	8	0	21.58	21.61	21.59
3	QPSK	8	4	21.48	21.59	21.50
3	QPSK	8	7	21.49	21.53	21.52
3	QPSK	15	0	21.44	21.51	21.43
3	16QAM	1	0	21.75	21.73	21.75
3	16QAM	1	8	21.72	21.73	21.66
3	16QAM	1	14	21.63	21.67	21.65
3	16QAM	8	0	20.41	20.42	20.35
3	16QAM	8	4	20.37	20.42	20.35
3	16QAM	8	7	20.38	20.38	20.36
3	16QAM	15	0	20.31	20.40	20.36
3	64QAM	1	0	20.57	20.61	20.61
3	64QAM	1	8	20.48	20.58	20.53
3	64QAM	1	14	20.52	20.60	20.52
3	64QAM	8	0	20.43	20.49	20.34
3	64QAM	8	4	20.44	20.44	20.44
3	64QAM	8	7	20.40	20.44	20.41
3	64QAM	15	0	20.34	20.41	20.33
3	256QAM	1	0	17.78	17.82	17.82
3	256QAM	1	8	17.69	17.79	17.74
3	256QAM	1	14	17.73	17.81	17.73
3	256QAM	8	0	17.64	17.70	17.55
3	256QAM	8	4	17.65	17.65	17.65
3	256QAM	8	7	17.61	17.65	17.62
3	256QAM	15	0	17.55	17.62	17.54

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	22.33	22.48	22.40
1.4	QPSK	1	3	22.27	22.34	22.33
1.4	QPSK	1	5	22.24	22.35	22.33
1.4	QPSK	3	0	22.30	22.39	22.36
1.4	QPSK	3	1	22.42	22.45	22.35
1.4	QPSK	3	3	22.36	22.40	22.37
1.4	QPSK	6	0	21.44	21.54	21.46
1.4	16QAM	1	0	21.72	21.71	21.68
1.4	16QAM	1	3	21.72	21.69	21.65
1.4	16QAM	1	5	21.63	21.72	21.72
1.4	16QAM	3	0	21.52	21.57	21.49
1.4	16QAM	3	1	21.50	21.54	21.46
1.4	16QAM	3	3	21.51	21.55	21.44
1.4	16QAM	6	0	20.54	20.51	20.44
1.4	64QAM	1	0	20.60	20.65	20.64
1.4	64QAM	1	3	20.52	20.56	20.53
1.4	64QAM	1	5	20.52	20.56	20.53
1.4	64QAM	3	0	20.61	20.55	20.48
1.4	64QAM	3	1	20.58	20.56	20.53
1.4	64QAM	3	3	20.51	20.52	20.50
1.4	64QAM	6	0	20.31	20.37	20.29
1.4	256QAM	1	0	17.81	17.86	17.85
1.4	256QAM	1	3	17.73	17.77	17.74
1.4	256QAM	1	5	17.73	17.77	17.74
1.4	256QAM	3	0	17.82	17.76	17.69
1.4	256QAM	3	1	17.79	17.77	17.74
1.4	256QAM	3	3	17.72	17.73	17.71
1.4	256QAM	6	0	17.52	17.58	17.50

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	22.51	22.60	22.54
20	QPSK	1	49	22.45	22.47	22.40
20	QPSK	1	99	22.37	22.44	22.41
20	QPSK	50	0	21.51	21.63	21.52
20	QPSK	50	24	21.55	21.49	21.47
20	QPSK	50	50	21.52	21.55	21.48
20	QPSK	100	0	21.55	21.56	21.45
20	16QAM	1	0	21.82	21.73	21.56
20	16QAM	1	49	21.70	21.79	21.74
20	16QAM	1	99	21.80	21.57	21.84
20	16QAM	50	0	20.63	20.58	20.62
20	16QAM	50	24	20.72	20.57	20.56
20	16QAM	50	50	20.59	20.62	20.64
20	16QAM	100	0	20.57	20.59	20.55
20	64QAM	1	0	20.67	20.81	20.76
20	64QAM	1	49	20.70	20.74	20.64
20	64QAM	1	99	20.80	20.68	20.50
20	64QAM	50	0	20.65	20.54	20.54
20	64QAM	50	24	20.48	20.49	20.56
20	64QAM	50	50	20.61	20.54	20.59
20	64QAM	100	0	20.53	20.56	20.55
20	256QAM	1	0	17.52	17.66	17.61
20	256QAM	1	49	17.55	17.59	17.49
20	256QAM	1	99	17.65	17.53	17.35
20	256QAM	50	0	17.50	17.39	17.39
20	256QAM	50	24	17.33	17.34	17.41
20	256QAM	50	50	17.46	17.39	17.44
20	256QAM	100	0	17.38	17.41	17.40

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	22.38	22.43	22.34
15	QPSK	1	37	22.42	22.43	22.37
15	QPSK	1	74	22.28	22.43	22.40
15	QPSK	36	0	21.47	21.53	21.42
15	QPSK	36	20	21.61	21.42	21.43
15	QPSK	36	39	21.51	21.48	21.39
15	QPSK	75	0	21.50	21.48	21.35
15	16QAM	1	0	21.78	21.67	21.50
15	16QAM	1	37	21.77	21.89	21.69
15	16QAM	1	74	21.82	21.97	21.83
15	16QAM	36	0	20.62	20.49	20.56
15	16QAM	36	20	20.68	20.48	20.48
15	16QAM	36	39	20.55	20.60	20.62
15	16QAM	75	0	20.47	20.55	20.54
15	64QAM	1	0	20.64	20.80	20.71
15	64QAM	1	37	20.64	20.64	20.59
15	64QAM	1	74	20.78	20.63	20.44
15	64QAM	36	0	20.62	20.44	20.47
15	64QAM	36	20	20.39	20.46	20.49
15	64QAM	36	39	20.57	20.52	20.51
15	64QAM	75	0	20.47	20.53	20.54
15	256QAM	1	0	17.49	17.65	17.56
15	256QAM	1	37	17.49	17.49	17.44
15	256QAM	1	74	17.63	17.48	17.29
15	256QAM	36	0	17.47	17.29	17.32
15	256QAM	36	20	17.24	17.31	17.34
15	256QAM	36	39	17.42	17.37	17.36
15	256QAM	75	0	17.32	17.38	17.39

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	22.45	22.46	22.39
10	QPSK	1	25	22.38	22.42	22.34
10	QPSK	1	49	22.29	22.43	22.33
10	QPSK	25	0	21.45	21.62	21.47
10	QPSK	25	12	21.53	21.40	21.46
10	QPSK	25	25	21.43	21.53	21.41
10	QPSK	50	0	21.46	21.52	21.39
10	16QAM	1	0	21.76	21.68	21.49
10	16QAM	1	25	21.76	21.93	21.73
10	16QAM	1	49	21.78	21.98	21.79
10	16QAM	25	0	20.55	20.54	20.57
10	16QAM	25	12	20.64	20.50	20.52
10	16QAM	25	25	20.58	20.53	20.60
10	16QAM	50	0	20.56	20.53	20.46
10	64QAM	1	0	20.57	20.72	20.74
10	64QAM	1	25	20.68	20.73	20.62
10	64QAM	1	49	20.75	20.61	20.40
10	64QAM	25	0	20.64	20.44	20.45
10	64QAM	25	12	20.40	20.46	20.50
10	64QAM	25	25	20.57	20.52	20.53
10	64QAM	50	0	20.46	20.47	20.53
10	256QAM	1	0	17.42	17.57	17.59
10	256QAM	1	25	17.53	17.58	17.47
10	256QAM	1	49	17.60	17.46	17.25
10	256QAM	25	0	17.49	17.29	17.30
10	256QAM	25	12	17.25	17.31	17.35
10	256QAM	25	25	17.42	17.37	17.38
10	256QAM	50	0	17.31	17.32	17.38

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	22.44	22.44	22.35
5	QPSK	1	12	22.35	22.37	22.39
5	QPSK	1	24	22.36	22.42	22.32
5	QPSK	12	0	21.42	21.58	21.46
5	QPSK	12	7	21.56	21.44	21.38
5	QPSK	12	13	21.49	21.49	21.38
5	QPSK	25	0	21.53	21.52	21.37
5	16QAM	1	0	21.72	21.71	21.52
5	16QAM	1	12	21.75	21.91	21.72
5	16QAM	1	24	21.80	21.91	21.76
5	16QAM	12	0	20.61	20.51	20.58
5	16QAM	12	7	20.62	20.52	20.48
5	16QAM	12	13	20.54	20.54	20.60
5	16QAM	25	0	20.48	20.50	20.46
5	64QAM	1	0	20.58	20.78	20.70
5	64QAM	1	12	20.61	20.69	20.59
5	64QAM	1	24	20.77	20.65	20.46
5	64QAM	12	0	20.63	20.53	20.51
5	64QAM	12	7	20.45	20.42	20.50
5	64QAM	12	13	20.57	20.45	20.58
5	64QAM	25	0	20.52	20.53	20.46
5	256QAM	1	0	17.43	17.63	17.55
5	256QAM	1	12	17.46	17.54	17.44
5	256QAM	1	24	17.62	17.50	17.31
5	256QAM	12	0	17.48	17.38	17.36
5	256QAM	12	7	17.30	17.27	17.35
5	256QAM	12	13	17.42	17.30	17.43
5	256QAM	25	0	17.37	17.38	17.31

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	22.35	22.45	22.31
3	QPSK	1	8	22.39	22.44	22.35
3	QPSK	1	14	22.31	22.34	22.32
3	QPSK	8	0	21.44	21.56	21.48
3	QPSK	8	4	21.52	21.46	21.45
3	QPSK	8	7	21.48	21.47	21.45
3	QPSK	15	0	21.45	21.47	21.39
3	16QAM	1	0	21.72	21.72	21.49
3	16QAM	1	8	21.76	21.90	21.72
3	16QAM	1	14	21.82	21.93	21.81
3	16QAM	8	0	20.56	20.49	20.55
3	16QAM	8	4	20.69	20.49	20.50
3	16QAM	8	7	20.49	20.55	20.61
3	16QAM	15	0	20.48	20.51	20.52
3	64QAM	1	0	20.66	20.74	20.74
3	64QAM	1	8	20.66	20.68	20.55
3	64QAM	1	14	20.78	20.63	20.40
3	64QAM	8	0	20.59	20.44	20.44
3	64QAM	8	4	20.43	20.42	20.46
3	64QAM	8	7	20.52	20.46	20.55
3	64QAM	15	0	20.46	20.48	20.52
3	256QAM	1	0	17.51	17.59	17.59
3	256QAM	1	8	17.51	17.53	17.40
3	256QAM	1	14	17.63	17.48	17.25
3	256QAM	8	0	17.44	17.29	17.29
3	256QAM	8	4	17.28	17.27	17.31
3	256QAM	8	7	17.37	17.31	17.40
3	256QAM	15	0	17.31	17.33	17.37

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	22.35	22.43	22.32
1.4	QPSK	1	3	22.35	22.38	22.31
1.4	QPSK	1	5	22.31	22.42	22.36
1.4	QPSK	3	0	22.45	22.40	22.45
1.4	QPSK	3	1	22.44	22.44	22.42
1.4	QPSK	3	3	22.42	22.46	22.46
1.4	QPSK	6	0	21.46	21.46	21.35
1.4	16QAM	1	0	21.73	21.70	21.47
1.4	16QAM	1	3	21.82	21.90	21.73
1.4	16QAM	1	5	21.77	21.93	21.83
1.4	16QAM	3	0	21.55	21.55	21.58
1.4	16QAM	3	1	21.70	21.49	21.46
1.4	16QAM	3	3	21.52	21.59	21.54
1.4	16QAM	6	0	20.50	20.49	20.46
1.4	64QAM	1	0	20.57	20.72	20.75
1.4	64QAM	1	3	20.67	20.69	20.61
1.4	64QAM	1	5	20.73	20.67	20.45
1.4	64QAM	3	0	20.57	20.50	20.53
1.4	64QAM	3	1	20.44	20.48	20.54
1.4	64QAM	3	3	20.54	20.47	20.54
1.4	64QAM	6	0	20.44	20.46	20.47
1.4	256QAM	1	0	17.42	17.57	17.60
1.4	256QAM	1	3	17.52	17.54	17.46
1.4	256QAM	1	5	17.58	17.52	17.30
1.4	256QAM	3	0	17.42	17.35	17.38
1.4	256QAM	3	1	17.29	17.33	17.39
1.4	256QAM	3	3	17.39	17.32	17.39
1.4	256QAM	6	0	17.29	17.31	17.32

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.34	23.37	23.29
10	QPSK	1	25	23.17	23.20	23.09
10	QPSK	1	49	23.09	23.16	22.91
10	QPSK	25	0	22.27	22.35	22.21
10	QPSK	25	12	22.34	22.31	22.26
10	QPSK	25	25	22.26	22.22	22.25
10	QPSK	50	0	22.15	22.17	22.14
10	16QAM	1	0	22.24	22.14	22.10
10	16QAM	1	25	22.23	22.41	22.27
10	16QAM	1	49	22.20	22.21	22.13
10	16QAM	25	0	21.19	21.10	21.07
10	16QAM	25	12	21.11	21.07	21.04
10	16QAM	25	25	21.19	21.15	21.10
10	16QAM	50	0	21.23	21.09	21.06
10	64QAM	1	0	21.25	21.32	21.21
10	64QAM	1	25	21.12	21.10	21.16
10	64QAM	1	49	21.27	21.07	21.23
10	64QAM	25	0	21.22	21.15	21.10
10	64QAM	25	12	21.30	21.10	21.15
10	64QAM	25	25	21.14	21.15	21.10
10	64QAM	50	0	21.15	21.12	21.14
10	256QAM	1	0	18.31	18.38	18.27
10	256QAM	1	25	18.18	18.16	18.22
10	256QAM	1	49	18.33	18.13	18.29
10	256QAM	25	0	18.28	18.21	18.16
10	256QAM	25	12	18.36	18.16	18.21
10	256QAM	25	25	18.20	18.21	18.16
10	256QAM	50	0	18.21	18.18	18.20

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.18	23.19	23.11
5	QPSK	1	12	23.14	23.14	23.07
5	QPSK	1	24	23.04	23.11	22.85
5	QPSK	12	0	22.26	22.32	22.08
5	QPSK	12	7	22.30	22.28	22.23
5	QPSK	12	13	22.16	22.18	22.15
5	QPSK	25	0	22.20	22.18	22.23
5	16QAM	1	0	22.34	22.25	22.20
5	16QAM	1	12	22.33	22.53	22.39
5	16QAM	1	24	22.32	22.29	22.25
5	16QAM	12	0	21.25	21.21	21.12
5	16QAM	12	7	21.19	21.18	21.10
5	16QAM	12	13	21.24	21.23	21.17
5	16QAM	25	0	21.33	21.14	21.11
5	64QAM	1	0	21.19	21.26	21.19
5	64QAM	1	12	21.02	21.09	21.11
5	64QAM	1	24	21.22	20.98	21.14
5	64QAM	12	0	21.15	21.11	21.04
5	64QAM	12	7	21.26	21.05	21.09
5	64QAM	12	13	21.06	21.06	21.00
5	64QAM	25	0	21.24	21.22	21.25
5	256QAM	1	0	18.25	18.32	18.25
5	256QAM	1	12	18.08	18.15	18.17
5	256QAM	1	24	18.28	18.04	18.20
5	256QAM	12	0	18.21	18.17	18.10
5	256QAM	12	7	18.32	18.11	18.15
5	256QAM	12	13	18.12	18.12	18.06
5	256QAM	25	0	18.30	18.28	18.31

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.09	23.17	23.13
3	QPSK	1	8	23.16	23.14	23.02
3	QPSK	1	14	23.00	23.09	22.83
3	QPSK	8	0	22.20	22.31	22.09
3	QPSK	8	4	22.30	22.28	22.21
3	QPSK	8	7	22.02	22.07	22.05
3	QPSK	15	0	22.07	22.06	22.10
3	16QAM	1	0	22.21	22.05	22.06
3	16QAM	1	8	22.21	22.39	22.20
3	16QAM	1	14	22.13	22.11	22.11
3	16QAM	8	0	21.16	21.04	21.00
3	16QAM	8	4	21.02	21.04	21.03
3	16QAM	8	7	21.13	21.05	21.02
3	16QAM	15	0	21.19	21.06	21.03
3	64QAM	1	0	21.17	21.23	21.18
3	64QAM	1	8	21.11	21.05	21.15
3	64QAM	1	14	21.23	21.04	21.20
3	64QAM	8	0	21.17	21.06	21.06
3	64QAM	8	4	21.26	21.09	21.11
3	64QAM	8	7	21.12	21.06	21.04
3	64QAM	15	0	21.05	21.11	21.05
3	256QAM	1	0	18.23	18.29	18.24
3	256QAM	1	8	18.17	18.11	18.21
3	256QAM	1	14	18.29	18.10	18.26
3	256QAM	8	0	18.23	18.12	18.12
3	256QAM	8	4	18.32	18.15	18.17
3	256QAM	8	7	18.18	18.12	18.10
3	256QAM	15	0	18.11	18.17	18.11

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.19	23.20	23.07
1.4	QPSK	1	3	23.12	23.12	23.01
1.4	QPSK	1	5	23.08	23.13	22.86
1.4	QPSK	3	0	23.08	23.19	22.93
1.4	QPSK	3	1	23.14	23.11	23.04
1.4	QPSK	3	3	23.03	23.07	23.10
1.4	QPSK	6	0	22.14	22.04	22.05
1.4	16QAM	1	0	22.21	22.09	22.02
1.4	16QAM	1	3	22.21	22.39	22.17
1.4	16QAM	1	5	22.19	22.16	22.08
1.4	16QAM	3	0	22.24	22.17	22.19
1.4	16QAM	3	1	22.23	22.18	22.12
1.4	16QAM	3	3	22.24	22.24	22.22
1.4	16QAM	6	0	21.35	21.21	21.18
1.4	64QAM	1	0	21.38	21.40	21.26
1.4	64QAM	1	3	21.19	21.16	21.21
1.4	64QAM	1	5	21.35	21.11	21.35
1.4	64QAM	3	0	21.29	21.28	21.21
1.4	64QAM	3	1	21.36	21.17	21.20
1.4	64QAM	3	3	21.19	21.19	21.16
1.4	64QAM	6	0	21.27	21.24	21.24
1.4	256QAM	1	0	18.44	18.46	18.32
1.4	256QAM	1	3	18.25	18.22	18.27
1.4	256QAM	1	5	18.41	18.17	18.41
1.4	256QAM	3	0	18.35	18.34	18.27
1.4	256QAM	3	1	18.42	18.23	18.26
1.4	256QAM	3	3	18.25	18.25	18.22
1.4	256QAM	6	0	18.33	18.30	18.30

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	22.48	22.56	22.53
20	QPSK	1	49	22.35	22.42	22.47
20	QPSK	1	99	22.46	22.47	22.48
20	QPSK	50	0	21.56	21.69	21.68
20	QPSK	50	24	21.63	21.68	21.67
20	QPSK	50	50	21.66	21.65	21.67
20	QPSK	100	0	21.71	21.72	21.64
20	16QAM	1	0	21.57	21.51	21.56
20	16QAM	1	49	21.64	21.63	21.55
20	16QAM	1	99	21.65	21.70	21.66
20	16QAM	50	0	20.55	20.70	20.76
20	16QAM	50	24	20.59	20.64	20.56
20	16QAM	50	50	20.58	20.69	20.54
20	16QAM	100	0	20.57	20.62	20.67
20	64QAM	1	0	20.60	20.64	20.68
20	64QAM	1	49	20.64	20.70	20.45
20	64QAM	1	99	20.59	20.46	20.36
20	64QAM	50	0	20.56	20.60	20.64
20	64QAM	50	24	20.56	20.69	20.48
20	64QAM	50	50	20.53	20.68	20.62
20	64QAM	100	0	20.61	20.60	20.50
20	256QAM	1	0	17.64	17.68	17.72
20	256QAM	1	49	17.68	17.74	17.49
20	256QAM	1	99	17.63	17.50	17.40
20	256QAM	50	0	17.60	17.64	17.68
20	256QAM	50	24	17.60	17.73	17.52
20	256QAM	50	50	17.57	17.72	17.66
20	256QAM	100	0	17.65	17.64	17.54

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	22.37	22.47	22.41
15	QPSK	1	37	22.27	22.34	22.39
15	QPSK	1	74	22.39	22.44	22.46
15	QPSK	36	0	21.53	21.68	21.60
15	QPSK	36	20	21.53	21.66	21.61
15	QPSK	36	39	21.60	21.64	21.65
15	QPSK	75	0	21.63	21.60	21.55
15	16QAM	1	0	21.53	21.50	21.48
15	16QAM	1	37	21.59	21.54	21.54
15	16QAM	1	74	21.62	21.69	21.56
15	16QAM	36	0	20.48	20.68	20.75
15	16QAM	36	20	20.56	20.55	20.51
15	16QAM	36	39	20.54	20.68	20.47
15	16QAM	75	0	20.55	20.61	20.66
15	64QAM	1	0	20.56	20.54	20.66
15	64QAM	1	37	20.55	20.65	20.41
15	64QAM	1	74	20.51	20.41	20.34
15	64QAM	36	0	20.46	20.52	20.55
15	64QAM	36	20	20.51	20.65	20.45
15	64QAM	36	39	20.43	20.64	20.61
15	64QAM	75	0	20.60	20.52	20.48
15	256QAM	1	0	17.60	17.58	17.70
15	256QAM	1	37	17.59	17.69	17.45
15	256QAM	1	74	17.55	17.45	17.38
15	256QAM	36	0	17.50	17.56	17.59
15	256QAM	36	20	17.55	17.69	17.49
15	256QAM	36	39	17.47	17.68	17.65
15	256QAM	75	0	17.64	17.56	17.52

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	22.31	22.44	22.42
10	QPSK	1	25	22.31	22.40	22.37
10	QPSK	1	49	22.38	22.38	22.41
10	QPSK	25	0	21.48	21.67	21.58
10	QPSK	25	12	21.58	21.64	21.62
10	QPSK	25	25	21.61	21.55	21.66
10	QPSK	50	0	21.70	21.67	21.62
10	16QAM	1	0	21.49	21.47	21.48
10	16QAM	1	25	21.60	21.61	21.45
10	16QAM	1	49	21.59	21.61	21.64
10	16QAM	25	0	20.53	20.61	20.74
10	16QAM	25	12	20.56	20.61	20.46
10	16QAM	25	25	20.55	20.61	20.48
10	16QAM	50	0	20.52	20.61	20.66
10	64QAM	1	0	20.59	20.62	20.67
10	64QAM	1	25	20.55	20.65	20.42
10	64QAM	1	49	20.55	20.36	20.28
10	64QAM	25	0	20.47	20.54	20.59
10	64QAM	25	12	20.52	20.68	20.46
10	64QAM	25	25	20.50	20.58	20.56
10	64QAM	50	0	20.54	20.59	20.42
10	256QAM	1	0	17.63	17.66	17.71
10	256QAM	1	25	17.59	17.69	17.46
10	256QAM	1	49	17.59	17.40	17.32
10	256QAM	25	0	17.51	17.58	17.63
10	256QAM	25	12	17.56	17.72	17.50
10	256QAM	25	25	17.54	17.62	17.60
10	256QAM	50	0	17.58	17.63	17.46

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	22.37	22.48	22.35
5	QPSK	1	12	22.32	22.38	22.44
5	QPSK	1	24	22.40	22.43	22.42
5	QPSK	12	0	21.53	21.65	21.61
5	QPSK	12	7	21.62	21.66	21.61
5	QPSK	12	13	21.58	21.61	21.64
5	QPSK	25	0	21.63	21.66	21.56
5	16QAM	1	0	21.56	21.42	21.49
5	16QAM	1	12	21.61	21.58	21.49
5	16QAM	1	24	21.57	21.68	21.62
5	16QAM	12	0	20.53	20.60	20.68
5	16QAM	12	7	20.51	20.60	20.50
5	16QAM	12	13	20.50	20.60	20.47
5	16QAM	25	0	20.48	20.52	20.61
5	64QAM	1	0	20.52	20.59	20.61
5	64QAM	1	12	20.59	20.68	20.36
5	64QAM	1	24	20.55	20.44	20.28
5	64QAM	12	0	20.52	20.52	20.58
5	64QAM	12	7	20.46	20.63	20.38
5	64QAM	12	13	20.52	20.63	20.52
5	64QAM	25	0	20.51	20.55	20.42
5	256QAM	1	0	17.56	17.63	17.65
5	256QAM	1	12	17.63	17.72	17.40
5	256QAM	1	24	17.59	17.48	17.32
5	256QAM	12	0	17.56	17.56	17.62
5	256QAM	12	7	17.50	17.67	17.42
5	256QAM	12	13	17.56	17.67	17.56
5	256QAM	25	0	17.55	17.59	17.46

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.42	23.47	23.35
10	QPSK	1	25	23.35	23.38	23.39
10	QPSK	1	49	23.25	23.40	23.42
10	QPSK	25	0	22.58	22.63	22.62
10	QPSK	25	12	22.60	22.51	22.58
10	QPSK	25	25	22.60	22.55	22.52
10	QPSK	50	0	22.54	22.63	22.59
10	16QAM	1	0	22.78	22.75	22.62
10	16QAM	1	25	22.53	22.60	22.60
10	16QAM	1	49	22.58	22.53	22.64
10	16QAM	25	0	21.56	21.58	21.69
10	16QAM	25	12	21.54	21.59	21.56
10	16QAM	25	25	21.66	21.63	21.65
10	16QAM	50	0	21.70	21.64	21.61
10	64QAM	1	0	21.70	21.65	21.55
10	64QAM	1	25	21.76	21.71	21.69
10	64QAM	1	49	21.82	21.84	21.78
10	64QAM	25	0	21.54	21.74	21.58
10	64QAM	25	12	21.61	21.67	21.69
10	64QAM	25	25	21.56	21.63	21.57
10	64QAM	50	0	21.60	21.58	21.61
10	256QAM	1	0	18.32	18.27	18.17
10	256QAM	1	25	18.38	18.33	18.31
10	256QAM	1	49	18.44	18.46	18.40
10	256QAM	25	0	18.16	18.36	18.20
10	256QAM	25	12	18.23	18.29	18.31
10	256QAM	25	25	18.18	18.25	18.19
10	256QAM	50	0	18.22	18.20	18.23

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.22	23.37	23.25
5	QPSK	1	12	23.30	23.37	23.30
5	QPSK	1	24	23.24	23.35	23.36
5	QPSK	12	0	22.55	22.56	22.58
5	QPSK	12	7	22.51	22.46	22.55
5	QPSK	12	13	22.52	22.47	22.51
5	QPSK	25	0	22.53	22.50	22.55
5	16QAM	1	0	22.74	22.70	22.52
5	16QAM	1	12	22.43	22.58	22.58
5	16QAM	1	24	22.53	22.52	22.57
5	16QAM	12	0	21.47	21.56	21.61
5	16QAM	12	7	21.53	21.51	21.48
5	16QAM	12	13	21.58	21.55	21.59
5	16QAM	25	0	21.68	21.54	21.59
5	64QAM	1	0	21.68	21.57	21.51
5	64QAM	1	12	21.68	21.64	21.67
5	64QAM	1	24	21.78	21.80	21.68
5	64QAM	12	0	21.50	21.69	21.55
5	64QAM	12	7	21.54	21.64	21.62
5	64QAM	12	13	21.52	21.58	21.48
5	64QAM	25	0	21.59	21.55	21.60
5	256QAM	1	0	18.30	18.19	18.13
5	256QAM	1	12	18.30	18.26	18.29
5	256QAM	1	24	18.40	18.42	18.30
5	256QAM	12	0	18.12	18.31	18.17
5	256QAM	12	7	18.16	18.26	18.24
5	256QAM	12	13	18.14	18.20	18.10
5	256QAM	25	0	18.21	18.17	18.22

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.27	23.45	23.33
3	QPSK	1	8	23.33	23.33	23.38
3	QPSK	1	14	23.23	23.39	23.32
3	QPSK	8	0	22.57	22.57	22.57
3	QPSK	8	4	22.55	22.41	22.54
3	QPSK	8	7	22.51	22.50	22.45
3	QPSK	15	0	22.48	22.50	22.54
3	16QAM	1	0	22.71	22.70	22.52
3	16QAM	1	8	22.48	22.53	22.58
3	16QAM	1	14	22.48	22.48	22.62
3	16QAM	8	0	21.54	21.52	21.67
3	16QAM	8	4	21.45	21.49	21.48
3	16QAM	8	7	21.63	21.59	21.60
3	16QAM	15	0	21.69	21.59	21.51
3	64QAM	1	0	21.66	21.60	21.51
3	64QAM	1	8	21.73	21.70	21.61
3	64QAM	1	14	21.75	21.77	21.71
3	64QAM	8	0	21.52	21.73	21.48
3	64QAM	8	4	21.52	21.59	21.65
3	64QAM	8	7	21.55	21.56	21.51
3	64QAM	15	0	21.54	21.52	21.53
3	256QAM	1	0	18.28	18.22	18.13
3	256QAM	1	8	18.35	18.32	18.23
3	256QAM	1	14	18.37	18.39	18.33
3	256QAM	8	0	18.14	18.35	18.10
3	256QAM	8	4	18.14	18.21	18.27
3	256QAM	8	7	18.17	18.18	18.13
3	256QAM	15	0	18.16	18.14	18.15

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.26	23.46	23.27
1.4	QPSK	1	3	23.33	23.32	23.36
1.4	QPSK	1	5	23.24	23.30	23.35
1.4	QPSK	3	0	23.37	23.41	23.41
1.4	QPSK	3	1	23.42	23.30	23.39
1.4	QPSK	3	3	23.34	23.30	23.28
1.4	QPSK	6	0	22.49	22.49	22.51
1.4	16QAM	1	0	22.73	22.68	22.60
1.4	16QAM	1	3	22.46	22.51	22.53
1.4	16QAM	1	5	22.57	22.43	22.61
1.4	16QAM	3	0	22.47	22.57	22.61
1.4	16QAM	3	1	22.48	22.50	22.47
1.4	16QAM	3	3	22.63	22.58	22.61
1.4	16QAM	6	0	21.64	21.55	21.57
1.4	64QAM	1	0	21.68	21.57	21.47
1.4	64QAM	1	3	21.68	21.63	21.65
1.4	64QAM	1	5	21.81	21.79	21.72
1.4	64QAM	3	0	21.52	21.67	21.57
1.4	64QAM	3	1	21.52	21.60	21.68
1.4	64QAM	3	3	21.51	21.59	21.47
1.4	64QAM	6	0	21.58	21.48	21.60
1.4	256QAM	1	0	18.30	18.19	18.09
1.4	256QAM	1	3	18.30	18.25	18.27
1.4	256QAM	1	5	18.43	18.41	18.34
1.4	256QAM	3	0	18.14	18.29	18.19
1.4	256QAM	3	1	18.14	18.22	18.30
1.4	256QAM	3	3	18.13	18.21	18.09
1.4	256QAM	6	0	18.20	18.10	18.22

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.41	/
10	QPSK	1	25	/	23.40	/
10	QPSK	1	49	/	23.37	/
10	QPSK	25	0	/	22.50	/
10	QPSK	25	12	/	22.45	/
10	QPSK	25	25	/	22.41	/
10	QPSK	50	0	/	22.46	/
10	16QAM	1	0	/	22.76	/
10	16QAM	1	25	/	22.48	/
10	16QAM	1	49	/	22.62	/
10	16QAM	25	0	/	21.53	/
10	16QAM	25	12	/	21.57	/
10	16QAM	25	25	/	21.51	/
10	16QAM	50	0	/	21.46	/
10	64QAM	1	0	/	21.66	/
10	64QAM	1	25	/	21.74	/
10	64QAM	1	49	/	21.54	/
10	64QAM	25	0	/	21.55	/
10	64QAM	25	12	/	21.49	/
10	64QAM	25	25	/	21.53	/
10	64QAM	50	0	/	21.42	/
10	256QAM	1	0	/	18.43	/
10	256QAM	1	25	/	18.51	/
10	256QAM	1	49	/	18.31	/
10	256QAM	25	0	/	18.32	/
10	256QAM	25	12	/	18.26	/
10	256QAM	25	25	/	18.30	/
10	256QAM	50	0	/	18.19	/

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	23.38	23.39	23.25
5	QPSK	1	12	23.31	23.34	23.35
5	QPSK	1	24	23.26	23.30	23.33
5	QPSK	12	0	22.42	22.45	22.45
5	QPSK	12	7	22.37	22.35	22.37
5	QPSK	12	13	22.37	22.34	22.40
5	QPSK	25	0	22.43	22.39	22.41
5	16QAM	1	0	22.57	22.66	22.36
5	16QAM	1	12	22.41	22.41	22.43
5	16QAM	1	24	22.47	22.55	22.54
5	16QAM	12	0	21.46	21.49	21.34
5	16QAM	12	7	21.47	21.48	21.52
5	16QAM	12	13	21.56	21.47	21.42
5	16QAM	25	0	21.38	21.45	21.38
5	64QAM	1	0	21.44	21.65	21.51
5	64QAM	1	12	21.69	21.69	21.53
5	64QAM	1	24	21.47	21.53	21.48
5	64QAM	12	0	21.33	21.48	21.34
5	64QAM	12	7	21.33	21.44	21.43
5	64QAM	12	13	21.47	21.49	21.40
5	64QAM	25	0	21.37	21.41	21.45
5	256QAM	1	0	18.21	18.42	18.28
5	256QAM	1	12	18.46	18.46	18.30
5	256QAM	1	24	18.24	18.30	18.25
5	256QAM	12	0	18.10	18.25	18.11
5	256QAM	12	7	18.10	18.21	18.20
5	256QAM	12	13	18.24	18.26	18.17
5	256QAM	25	0	18.14	18.18	18.22

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	22.60	22.62	22.55
20	QPSK	1	49	22.31	22.43	22.28
20	QPSK	1	99	22.39	22.39	22.36
20	QPSK	50	0	21.51	21.56	21.54
20	QPSK	50	24	21.44	21.52	21.51
20	QPSK	50	50	21.55	21.50	21.52
20	QPSK	100	0	21.51	21.56	21.53
20	16QAM	1	0	21.81	21.76	21.78
20	16QAM	1	49	21.68	21.77	21.54
20	16QAM	1	99	21.62	21.69	21.77
20	16QAM	50	0	20.62	20.55	20.54
20	16QAM	50	24	20.74	20.69	20.57
20	16QAM	50	50	20.67	20.66	20.63
20	16QAM	100	0	20.68	20.65	20.55
20	64QAM	1	0	20.91	20.88	20.89
20	64QAM	1	49	20.79	20.89	20.63
20	64QAM	1	99	20.70	20.83	20.84
20	64QAM	50	0	20.59	20.54	20.54
20	64QAM	50	24	20.66	20.64	20.56
20	64QAM	50	50	20.59	20.60	20.60
20	64QAM	100	0	20.70	20.59	20.48
20	256QAM	1	0	17.90	17.87	17.88
20	256QAM	1	49	17.78	17.88	17.62
20	256QAM	1	99	17.69	17.82	17.83
20	256QAM	50	0	17.58	17.53	17.53
20	256QAM	50	24	17.65	17.63	17.55
20	256QAM	50	50	17.58	17.59	17.59
20	256QAM	100	0	17.69	17.58	17.47

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	22.21	22.41	22.37
15	QPSK	1	37	22.29	22.36	22.18
15	QPSK	1	74	22.33	22.38	22.32
15	QPSK	36	0	21.29	21.33	21.32
15	QPSK	36	20	21.35	21.48	21.50
15	QPSK	36	39	21.46	21.46	21.47
15	QPSK	75	0	21.31	21.35	21.47
15	16QAM	1	0	21.79	21.69	21.76
15	16QAM	1	37	21.63	21.73	21.50
15	16QAM	1	74	21.57	21.60	21.70
15	16QAM	36	0	20.60	20.50	20.52
15	16QAM	36	20	20.63	20.67	20.56
15	16QAM	36	39	20.61	20.57	20.55
15	16QAM	75	0	20.61	20.57	20.45
15	64QAM	1	0	20.86	20.84	20.82
15	64QAM	1	37	20.70	20.79	20.59
15	64QAM	1	74	20.59	20.78	20.82
15	64QAM	36	0	20.47	20.53	20.46
15	64QAM	36	20	20.56	20.54	20.55
15	64QAM	36	39	20.50	20.58	20.50
15	64QAM	75	0	20.68	20.57	20.41
15	256QAM	1	0	17.85	17.83	17.81
15	256QAM	1	37	17.69	17.78	17.58
15	256QAM	1	74	17.58	17.77	17.81
15	256QAM	36	0	17.46	17.52	17.45
15	256QAM	36	20	17.55	17.53	17.54
15	256QAM	36	39	17.49	17.57	17.49
15	256QAM	75	0	17.67	17.56	17.40

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	22.26	22.36	22.34
10	QPSK	1	25	22.14	22.35	22.15
10	QPSK	1	49	22.24	22.28	22.22
10	QPSK	25	0	21.24	21.32	21.33
10	QPSK	25	12	21.32	21.40	21.38
10	QPSK	25	25	21.41	21.40	21.41
10	QPSK	50	0	21.32	21.21	21.47
10	16QAM	1	0	21.75	21.65	21.69
10	16QAM	1	25	21.56	21.68	21.41
10	16QAM	1	49	21.53	21.59	21.64
10	16QAM	25	0	20.45	20.47	20.41
10	16QAM	25	12	20.66	20.58	20.47
10	16QAM	25	25	20.51	20.58	20.51
10	16QAM	50	0	20.58	20.51	20.46
10	64QAM	1	0	20.74	20.81	20.74
10	64QAM	1	25	20.72	20.78	20.52
10	64QAM	1	49	20.54	20.75	20.73
10	64QAM	25	0	20.52	20.48	20.40
10	64QAM	25	12	20.57	20.56	20.41
10	64QAM	25	25	20.43	20.53	20.46
10	64QAM	50	0	20.57	20.44	20.42
10	256QAM	1	0	17.73	17.80	17.73
10	256QAM	1	25	17.71	17.77	17.51
10	256QAM	1	49	17.53	17.74	17.72
10	256QAM	25	0	17.51	17.47	17.39
10	256QAM	25	12	17.56	17.55	17.40
10	256QAM	25	25	17.42	17.52	17.45
10	256QAM	50	0	17.56	17.43	17.41

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	22.22	22.39	22.33
5	QPSK	1	12	22.23	22.30	22.17
5	QPSK	1	24	22.29	22.26	22.26
5	QPSK	12	0	21.32	21.35	21.33
5	QPSK	12	7	21.33	21.43	21.37
5	QPSK	12	13	21.44	21.41	21.40
5	QPSK	25	0	21.28	21.27	21.47
5	16QAM	1	0	21.70	21.67	21.70
5	16QAM	1	12	21.51	21.68	21.43
5	16QAM	1	24	21.50	21.61	21.62
5	16QAM	12	0	20.52	20.40	20.43
5	16QAM	12	7	20.63	20.57	20.42
5	16QAM	12	13	20.50	20.59	20.54
5	16QAM	25	0	20.62	20.57	20.45
5	64QAM	1	0	20.76	20.75	20.81
5	64QAM	1	12	20.62	20.81	20.55
5	64QAM	1	24	20.56	20.70	20.77
5	64QAM	12	0	20.51	20.40	20.43
5	64QAM	12	7	20.59	20.56	20.43
5	64QAM	12	13	20.52	20.54	20.51
5	64QAM	25	0	20.53	20.53	20.38
5	256QAM	1	0	17.75	17.74	17.80
5	256QAM	1	12	17.61	17.80	17.54
5	256QAM	1	24	17.55	17.69	17.76
5	256QAM	12	0	17.50	17.39	17.42
5	256QAM	12	7	17.58	17.55	17.42
5	256QAM	12	13	17.51	17.53	17.50
5	256QAM	25	0	17.52	17.52	17.37

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	22.22	22.32	22.29
3	QPSK	1	8	22.14	22.32	22.19
3	QPSK	1	14	22.24	22.25	22.30
3	QPSK	8	0	21.31	21.29	21.32
3	QPSK	8	4	21.35	21.38	21.38
3	QPSK	8	7	21.41	21.41	21.38
3	QPSK	15	0	21.30	21.21	21.38
3	16QAM	1	0	21.71	21.68	21.63
3	16QAM	1	8	21.59	21.64	21.47
3	16QAM	1	14	21.45	21.61	21.71
3	16QAM	8	0	20.47	20.47	20.42
3	16QAM	8	4	20.60	20.57	20.50
3	16QAM	8	7	20.54	20.53	20.57
3	16QAM	15	0	20.53	20.51	20.45
3	64QAM	1	0	20.85	20.76	20.83
3	64QAM	1	8	20.72	20.79	20.56
3	64QAM	1	14	20.60	20.72	20.69
3	64QAM	8	0	20.45	20.47	20.39
3	64QAM	8	4	20.60	20.49	20.50
3	64QAM	8	7	20.50	20.45	20.49
3	64QAM	15	0	20.61	20.48	20.37
3	256QAM	1	0	17.84	17.75	17.82
3	256QAM	1	8	17.71	17.78	17.55
3	256QAM	1	14	17.59	17.71	17.68
3	256QAM	8	0	17.44	17.46	17.38
3	256QAM	8	4	17.59	17.48	17.49
3	256QAM	8	7	17.49	17.44	17.48
3	256QAM	15	0	17.60	17.47	17.36

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	22.21	22.37	22.33
1.4	QPSK	1	3	22.24	22.32	22.21
1.4	QPSK	1	5	22.25	22.33	22.21
1.4	QPSK	3	0	22.35	22.33	22.47
1.4	QPSK	3	1	22.38	22.40	22.36
1.4	QPSK	3	3	22.43	22.40	22.37
1.4	QPSK	6	0	21.34	21.21	21.45
1.4	16QAM	1	0	21.68	21.64	21.63
1.4	16QAM	1	3	21.55	21.67	21.40
1.4	16QAM	1	5	21.55	21.62	21.66
1.4	16QAM	3	0	21.32	21.54	21.33
1.4	16QAM	3	1	21.52	21.49	21.35
1.4	16QAM	3	3	21.39	21.42	21.41
1.4	16QAM	6	0	20.56	20.52	20.53
1.4	64QAM	1	0	20.82	20.75	20.74
1.4	64QAM	1	3	20.66	20.82	20.55
1.4	64QAM	1	5	20.63	20.70	20.73
1.4	64QAM	3	0	20.56	20.51	20.47
1.4	64QAM	3	1	20.50	20.55	20.49
1.4	64QAM	3	3	20.50	20.51	20.54
1.4	64QAM	6	0	20.62	20.49	20.41
1.4	256QAM	1	0	17.81	17.74	17.73
1.4	256QAM	1	3	17.65	17.81	17.54
1.4	256QAM	1	5	17.62	17.69	17.72
1.4	256QAM	3	0	17.55	17.50	17.46
1.4	256QAM	3	1	17.49	17.54	17.48
1.4	256QAM	3	3	17.49	17.50	17.53
1.4	256QAM	6	0	17.61	17.48	17.40

ANT 4:

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	22.60	22.63	22.61
20	QPSK	1	49	22.57	22.60	22.52
20	QPSK	1	99	22.48	22.49	22.44
20	QPSK	50	0	21.62	21.69	21.68
20	QPSK	50	24	21.60	21.60	21.62
20	QPSK	50	50	21.55	21.62	21.60
20	QPSK	100	0	21.62	21.65	21.60
20	16QAM	1	0	21.81	21.83	21.81
20	16QAM	1	49	21.78	21.80	21.72
20	16QAM	1	99	21.75	21.79	21.78
20	16QAM	50	0	20.47	20.51	20.44
20	16QAM	50	24	20.49	20.50	20.43
20	16QAM	50	50	20.48	20.49	20.42
20	16QAM	100	0	20.41	20.47	20.43
20	64QAM	1	0	20.67	20.74	20.71
20	64QAM	1	49	20.60	20.68	20.63
20	64QAM	1	99	20.64	20.67	20.62
20	64QAM	50	0	20.54	20.55	20.47
20	64QAM	50	24	20.52	20.53	20.51
20	64QAM	50	50	20.46	20.50	20.47
20	64QAM	100	0	20.41	20.47	20.41
20	256QAM	1	0	17.88	17.95	17.92
20	256QAM	1	49	17.81	17.89	17.84
20	256QAM	1	99	17.85	17.88	17.83
20	256QAM	50	0	17.75	17.76	17.68
20	256QAM	50	24	17.73	17.74	17.72
20	256QAM	50	50	17.67	17.71	17.68
20	256QAM	100	0	17.62	17.68	17.62

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	22.50	22.56	22.49
15	QPSK	1	37	22.38	22.47	22.43
15	QPSK	1	74	22.43	22.48	22.44
15	QPSK	36	0	21.68	21.73	21.70
15	QPSK	36	20	21.59	21.66	21.68
15	QPSK	36	39	21.60	21.67	21.66
15	QPSK	75	0	21.62	21.59	21.55
15	16QAM	1	0	21.87	21.85	21.81
15	16QAM	1	37	21.78	21.80	21.75
15	16QAM	1	74	21.74	21.78	21.80
15	16QAM	36	0	20.48	20.51	20.50
15	16QAM	36	20	20.44	20.49	20.37
15	16QAM	36	39	20.46	20.43	20.34
15	16QAM	75	0	20.36	20.46	20.38
15	64QAM	1	0	20.63	20.67	20.67
15	64QAM	1	37	20.59	20.67	20.55
15	64QAM	1	74	20.62	20.65	20.61
15	64QAM	36	0	20.52	20.50	20.42
15	64QAM	36	20	20.50	20.49	20.45
15	64QAM	36	39	20.44	20.49	20.40
15	64QAM	75	0	20.37	20.40	20.35
15	256QAM	1	0	17.84	17.88	17.88
15	256QAM	1	37	17.80	17.88	17.76
15	256QAM	1	74	17.83	17.86	17.82
15	256QAM	36	0	17.73	17.71	17.63
15	256QAM	36	20	17.71	17.70	17.66
15	256QAM	36	39	17.65	17.70	17.61
15	256QAM	75	0	17.58	17.61	17.56

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	22.49	22.60	22.52
10	QPSK	1	25	22.39	22.47	22.42
10	QPSK	1	49	22.37	22.46	22.41
10	QPSK	25	0	21.73	21.70	21.70
10	QPSK	25	12	21.66	21.68	21.65
10	QPSK	25	25	21.60	21.61	21.63
10	QPSK	50	0	21.57	21.66	21.58
10	16QAM	1	0	21.74	21.75	21.77
10	16QAM	1	25	21.75	21.73	21.64
10	16QAM	1	49	21.69	21.73	21.70
10	16QAM	25	0	20.44	20.48	20.38
10	16QAM	25	12	20.45	20.44	20.38
10	16QAM	25	25	20.45	20.48	20.38
10	16QAM	50	0	20.34	20.45	20.39
10	64QAM	1	0	20.65	20.70	20.68
10	64QAM	1	25	20.57	20.64	20.56
10	64QAM	1	49	20.61	20.66	20.58
10	64QAM	25	0	20.53	20.54	20.40
10	64QAM	25	12	20.48	20.45	20.48
10	64QAM	25	25	20.44	20.49	20.46
10	64QAM	50	0	20.37	20.45	20.34
10	256QAM	1	0	17.86	17.91	17.89
10	256QAM	1	25	17.78	17.85	17.77
10	256QAM	1	49	17.82	17.87	17.79
10	256QAM	25	0	17.74	17.75	17.61
10	256QAM	25	12	17.69	17.66	17.69
10	256QAM	25	25	17.65	17.70	17.67
10	256QAM	50	0	17.58	17.66	17.55

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	22.47	22.54	22.51
5	QPSK	1	12	22.41	22.51	22.42
5	QPSK	1	24	22.37	22.42	22.46
5	QPSK	12	0	21.69	21.70	21.68
5	QPSK	12	7	21.60	21.65	21.61
5	QPSK	12	13	21.58	21.67	21.63
5	QPSK	25	0	21.62	21.60	21.57
5	16QAM	1	0	21.86	21.82	21.84
5	16QAM	1	12	21.79	21.86	21.76
5	16QAM	1	24	21.74	21.79	21.78
5	16QAM	12	0	20.47	20.54	20.44
5	16QAM	12	7	20.54	20.56	20.45
5	16QAM	12	13	20.51	20.50	20.48
5	16QAM	25	0	20.43	20.53	20.47
5	64QAM	1	0	20.69	20.79	20.76
5	64QAM	1	12	20.59	20.63	20.59
5	64QAM	1	24	20.62	20.66	20.57
5	64QAM	12	0	20.52	20.53	20.46
5	64QAM	12	7	20.49	20.45	20.46
5	64QAM	12	13	20.40	20.43	20.39
5	64QAM	25	0	20.38	20.40	20.36
5	256QAM	1	0	17.83	17.93	17.90
5	256QAM	1	12	17.80	17.84	17.80
5	256QAM	1	24	17.83	17.87	17.78
5	256QAM	12	0	17.73	17.74	17.67
5	256QAM	12	7	17.70	17.66	17.67
5	256QAM	12	13	17.61	17.64	17.60
5	256QAM	25	0	17.59	17.61	17.57

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	22.49	22.55	22.50
3	QPSK	1	8	22.42	22.44	22.46
3	QPSK	1	14	22.42	22.47	22.44
3	QPSK	8	0	21.70	21.73	21.71
3	QPSK	8	4	21.60	21.71	21.62
3	QPSK	8	7	21.61	21.65	21.64
3	QPSK	15	0	21.56	21.63	21.55
3	16QAM	1	0	21.87	21.85	21.87
3	16QAM	1	8	21.84	21.85	21.78
3	16QAM	1	14	21.75	21.79	21.77
3	16QAM	8	0	20.53	20.54	20.47
3	16QAM	8	4	20.49	20.54	20.47
3	16QAM	8	7	20.50	20.50	20.48
3	16QAM	15	0	20.43	20.52	20.48
3	64QAM	1	0	20.62	20.66	20.66
3	64QAM	1	8	20.53	20.63	20.58
3	64QAM	1	14	20.57	20.65	20.57
3	64QAM	8	0	20.48	20.54	20.39
3	64QAM	8	4	20.49	20.49	20.49
3	64QAM	8	7	20.45	20.49	20.46
3	64QAM	15	0	20.39	20.46	20.38
3	256QAM	1	0	17.83	17.87	17.87
3	256QAM	1	8	17.74	17.84	17.79
3	256QAM	1	14	17.78	17.86	17.78
3	256QAM	8	0	17.69	17.75	17.60
3	256QAM	8	4	17.70	17.70	17.70
3	256QAM	8	7	17.66	17.70	17.67
3	256QAM	15	0	17.60	17.67	17.59

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	22.45	22.60	22.52
1.4	QPSK	1	3	22.39	22.46	22.45
1.4	QPSK	1	5	22.36	22.47	22.45
1.4	QPSK	3	0	22.42	22.51	22.48
1.4	QPSK	3	1	22.54	22.57	22.47
1.4	QPSK	3	3	22.48	22.52	22.49
1.4	QPSK	6	0	21.56	21.66	21.58
1.4	16QAM	1	0	21.84	21.83	21.80
1.4	16QAM	1	3	21.84	21.81	21.77
1.4	16QAM	1	5	21.75	21.84	21.84
1.4	16QAM	3	0	21.64	21.69	21.61
1.4	16QAM	3	1	21.62	21.66	21.58
1.4	16QAM	3	3	21.63	21.67	21.56
1.4	16QAM	6	0	20.66	20.63	20.56
1.4	64QAM	1	0	20.72	20.77	20.76
1.4	64QAM	1	3	20.64	20.68	20.65
1.4	64QAM	1	5	20.64	20.68	20.65
1.4	64QAM	3	0	20.73	20.67	20.60
1.4	64QAM	3	1	20.63	20.61	20.58
1.4	64QAM	3	3	20.56	20.57	20.55
1.4	64QAM	6	0	20.36	20.42	20.34
1.4	256QAM	1	0	17.86	17.91	17.90
1.4	256QAM	1	3	17.78	17.82	17.79
1.4	256QAM	1	5	17.78	17.82	17.79
1.4	256QAM	3	0	17.87	17.81	17.74
1.4	256QAM	3	1	17.84	17.82	17.79
1.4	256QAM	3	3	17.77	17.78	17.76
1.4	256QAM	6	0	17.57	17.63	17.55

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	22.63	22.67	22.64
20	QPSK	1	49	22.59	22.59	22.62
20	QPSK	1	99	22.57	22.58	22.59
20	QPSK	50	0	21.66	21.70	21.62
20	QPSK	50	24	21.62	21.56	21.55
20	QPSK	50	50	21.64	21.67	21.60
20	QPSK	100	0	21.67	21.68	21.57
20	16QAM	1	0	21.94	21.85	21.68
20	16QAM	1	49	21.82	21.91	21.86
20	16QAM	1	99	21.92	21.69	21.96
20	16QAM	50	0	20.75	20.70	20.74
20	16QAM	50	24	20.84	20.69	20.68
20	16QAM	50	50	20.71	20.74	20.76
20	16QAM	100	0	20.69	20.71	20.67
20	64QAM	1	0	20.79	20.93	20.88
20	64QAM	1	49	20.77	20.81	20.71
20	64QAM	1	99	20.87	20.75	20.57
20	64QAM	50	0	20.72	20.61	20.61
20	64QAM	50	24	20.55	20.56	20.63
20	64QAM	50	50	20.68	20.61	20.66
20	64QAM	100	0	20.60	20.63	20.62
20	256QAM	1	0	17.59	17.73	17.68
20	256QAM	1	49	17.62	17.66	17.56
20	256QAM	1	99	17.72	17.60	17.42
20	256QAM	50	0	17.57	17.46	17.46
20	256QAM	50	24	17.40	17.41	17.48
20	256QAM	50	50	17.53	17.46	17.51
20	256QAM	100	0	17.45	17.48	17.47

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	22.50	22.55	22.46
15	QPSK	1	37	22.54	22.55	22.49
15	QPSK	1	74	22.40	22.55	22.52
15	QPSK	36	0	21.59	21.65	21.54
15	QPSK	36	20	21.73	21.54	21.55
15	QPSK	36	39	21.63	21.60	21.51
15	QPSK	75	0	21.52	21.50	21.37
15	16QAM	1	0	21.80	21.69	21.52
15	16QAM	1	37	21.79	21.91	21.71
15	16QAM	1	74	21.91	22.06	21.92
15	16QAM	36	0	20.71	20.58	20.65
15	16QAM	36	20	20.77	20.57	20.57
15	16QAM	36	39	20.64	20.69	20.71
15	16QAM	75	0	20.59	20.67	20.66
15	64QAM	1	0	20.76	20.92	20.83
15	64QAM	1	37	20.76	20.76	20.71
15	64QAM	1	74	20.85	20.70	20.51
15	64QAM	36	0	20.69	20.51	20.54
15	64QAM	36	20	20.46	20.53	20.56
15	64QAM	36	39	20.64	20.59	20.58
15	64QAM	75	0	20.54	20.60	20.61
15	256QAM	1	0	17.56	17.72	17.63
15	256QAM	1	37	17.56	17.56	17.51
15	256QAM	1	74	17.70	17.55	17.36
15	256QAM	36	0	17.54	17.36	17.39
15	256QAM	36	20	17.31	17.38	17.41
15	256QAM	36	39	17.49	17.44	17.43
15	256QAM	75	0	17.39	17.45	17.46

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	22.51	22.52	22.45
10	QPSK	1	25	22.44	22.48	22.40
10	QPSK	1	49	22.35	22.49	22.39
10	QPSK	25	0	21.51	21.68	21.53
10	QPSK	25	12	21.59	21.46	21.52
10	QPSK	25	25	21.49	21.59	21.47
10	QPSK	50	0	21.52	21.58	21.45
10	16QAM	1	0	21.89	21.81	21.62
10	16QAM	1	25	21.86	22.03	21.83
10	16QAM	1	49	21.88	22.08	21.89
10	16QAM	25	0	20.65	20.64	20.67
10	16QAM	25	12	20.71	20.57	20.59
10	16QAM	25	25	20.65	20.60	20.67
10	16QAM	50	0	20.63	20.60	20.53
10	64QAM	1	0	20.64	20.79	20.81
10	64QAM	1	25	20.75	20.80	20.69
10	64QAM	1	49	20.82	20.68	20.47
10	64QAM	25	0	20.71	20.51	20.52
10	64QAM	25	12	20.47	20.53	20.57
10	64QAM	25	25	20.64	20.59	20.60
10	64QAM	50	0	20.53	20.54	20.60
10	256QAM	1	0	17.49	17.64	17.66
10	256QAM	1	25	17.60	17.65	17.54
10	256QAM	1	49	17.67	17.53	17.32
10	256QAM	25	0	17.56	17.36	17.37
10	256QAM	25	12	17.32	17.38	17.42
10	256QAM	25	25	17.49	17.44	17.45
10	256QAM	50	0	17.38	17.39	17.45

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	22.51	22.51	22.42
5	QPSK	1	12	22.42	22.44	22.46
5	QPSK	1	24	22.43	22.49	22.39
5	QPSK	12	0	21.49	21.65	21.53
5	QPSK	12	7	21.51	21.54	21.48
5	QPSK	12	13	21.59	21.59	21.48
5	QPSK	25	0	21.63	21.62	21.47
5	16QAM	1	0	21.82	21.81	21.62
5	16QAM	1	12	21.92	22.08	21.89
5	16QAM	1	24	21.97	22.08	21.93
5	16QAM	12	0	20.81	20.71	20.78
5	16QAM	12	7	20.82	20.72	20.68
5	16QAM	12	13	20.64	20.64	20.70
5	16QAM	25	0	20.58	20.60	20.56
5	64QAM	1	0	20.68	20.88	20.80
5	64QAM	1	12	20.71	20.79	20.69
5	64QAM	1	24	20.87	20.75	20.56
5	64QAM	12	0	20.73	20.63	20.61
5	64QAM	12	7	20.55	20.52	20.60
5	64QAM	12	13	20.67	20.55	20.68
5	64QAM	25	0	20.62	20.63	20.56
5	256QAM	1	0	17.53	17.73	17.65
5	256QAM	1	12	17.56	17.64	17.54
5	256QAM	1	24	17.72	17.60	17.41
5	256QAM	12	0	17.58	17.48	17.46
5	256QAM	12	7	17.40	17.37	17.45
5	256QAM	12	13	17.52	17.40	17.53
5	256QAM	25	0	17.47	17.48	17.41

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	22.42	22.52	22.38
3	QPSK	1	8	22.46	22.51	22.42
3	QPSK	1	14	22.38	22.41	22.39
3	QPSK	8	0	21.51	21.63	21.55
3	QPSK	8	4	21.62	21.56	21.55
3	QPSK	8	7	21.58	21.57	21.55
3	QPSK	15	0	21.55	21.57	21.49
3	16QAM	1	0	21.82	21.82	21.59
3	16QAM	1	8	21.86	22.00	21.82
3	16QAM	1	14	21.92	22.03	21.91
3	16QAM	8	0	20.66	20.59	20.65
3	16QAM	8	4	20.79	20.59	20.60
3	16QAM	8	7	20.59	20.65	20.71
3	16QAM	15	0	20.58	20.61	20.62
3	64QAM	1	0	20.76	20.84	20.84
3	64QAM	1	8	20.76	20.78	20.65
3	64QAM	1	14	20.88	20.73	20.50
3	64QAM	8	0	20.69	20.54	20.54
3	64QAM	8	4	20.53	20.52	20.56
3	64QAM	8	7	20.62	20.56	20.65
3	64QAM	15	0	20.56	20.58	20.62
3	256QAM	1	0	17.61	17.69	17.69
3	256QAM	1	8	17.61	17.63	17.50
3	256QAM	1	14	17.73	17.58	17.35
3	256QAM	8	0	17.54	17.39	17.39
3	256QAM	8	4	17.38	17.37	17.41
3	256QAM	8	7	17.44	17.38	17.47
3	256QAM	15	0	17.38	17.40	17.44

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	22.45	22.53	22.42
1.4	QPSK	1	3	22.45	22.48	22.41
1.4	QPSK	1	5	22.41	22.52	22.46
1.4	QPSK	3	0	22.62	22.57	22.62
1.4	QPSK	3	1	22.61	22.61	22.59
1.4	QPSK	3	3	22.59	22.63	22.63
1.4	QPSK	6	0	21.63	21.63	21.52
1.4	16QAM	1	0	21.90	21.87	21.64
1.4	16QAM	1	3	21.99	22.07	21.90
1.4	16QAM	1	5	21.94	22.10	22.00
1.4	16QAM	3	0	21.72	21.72	21.75
1.4	16QAM	3	1	21.87	21.66	21.63
1.4	16QAM	3	3	21.69	21.76	21.71
1.4	16QAM	6	0	20.67	20.66	20.63
1.4	64QAM	1	0	20.74	20.89	20.92
1.4	64QAM	1	3	20.84	20.86	20.78
1.4	64QAM	1	5	20.90	20.84	20.62
1.4	64QAM	3	0	20.74	20.67	20.70
1.4	64QAM	3	1	20.61	20.65	20.71
1.4	64QAM	3	3	20.71	20.64	20.71
1.4	64QAM	6	0	20.61	20.63	20.64
1.4	256QAM	1	0	17.59	17.74	17.77
1.4	256QAM	1	3	17.62	17.64	17.56
1.4	256QAM	1	5	17.65	17.59	17.37
1.4	256QAM	3	0	17.49	17.42	17.45
1.4	256QAM	3	1	17.36	17.40	17.46
1.4	256QAM	3	3	17.46	17.39	17.46
1.4	256QAM	6	0	17.36	17.38	17.39

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	22.69	22.75	22.70
20	QPSK	1	49	22.61	22.59	22.66
20	QPSK	1	99	22.58	22.63	22.65
20	QPSK	50	0	21.65	21.69	21.63
20	QPSK	50	24	21.57	21.65	21.64
20	QPSK	50	50	21.68	21.63	21.65
20	QPSK	100	0	21.64	21.68	21.66
20	16QAM	1	0	21.94	21.89	21.91
20	16QAM	1	49	21.81	21.90	21.67
20	16QAM	1	99	21.75	21.82	21.90
20	16QAM	50	0	20.75	20.68	20.67
20	16QAM	50	24	20.87	20.82	20.70
20	16QAM	50	50	20.80	20.79	20.76
20	16QAM	100	0	20.81	20.78	20.68
20	64QAM	1	0	21.04	21.01	21.02
20	64QAM	1	49	20.92	21.02	20.76
20	64QAM	1	99	20.83	20.96	20.97
20	64QAM	50	0	20.72	20.67	20.67
20	64QAM	50	24	20.79	20.77	20.69
20	64QAM	50	50	20.72	20.73	20.73
20	64QAM	100	0	20.83	20.72	20.61
20	256QAM	1	0	18.03	18.00	18.01
20	256QAM	1	49	17.91	18.01	17.75
20	256QAM	1	99	17.82	17.95	17.96
20	256QAM	50	0	17.71	17.66	17.66
20	256QAM	50	24	17.78	17.76	17.68
20	256QAM	50	50	17.71	17.72	17.72
20	256QAM	100	0	17.82	17.71	17.60

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	22.34	22.54	22.50
15	QPSK	1	37	22.42	22.49	22.31
15	QPSK	1	74	22.46	22.51	22.45
15	QPSK	36	0	21.42	21.46	21.45
15	QPSK	36	20	21.48	21.61	21.63
15	QPSK	36	39	21.59	21.59	21.60
15	QPSK	75	0	21.44	21.48	21.60
15	16QAM	1	0	21.92	21.82	21.89
15	16QAM	1	37	21.76	21.86	21.63
15	16QAM	1	74	21.70	21.73	21.83
15	16QAM	36	0	20.73	20.63	20.65
15	16QAM	36	20	20.76	20.80	20.69
15	16QAM	36	39	20.74	20.70	20.68
15	16QAM	75	0	20.74	20.70	20.58
15	64QAM	1	0	20.99	20.97	20.95
15	64QAM	1	37	20.83	20.92	20.72
15	64QAM	1	74	20.72	20.91	20.95
15	64QAM	36	0	20.60	20.66	20.59
15	64QAM	36	20	20.69	20.67	20.68
15	64QAM	36	39	20.63	20.71	20.63
15	64QAM	75	0	20.81	20.70	20.54
15	256QAM	1	0	17.98	17.96	17.94
15	256QAM	1	37	17.82	17.91	17.71
15	256QAM	1	74	17.71	17.90	17.94
15	256QAM	36	0	17.59	17.65	17.58
15	256QAM	36	20	17.68	17.66	17.67
15	256QAM	36	39	17.62	17.70	17.62
15	256QAM	75	0	17.80	17.69	17.53

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	22.39	22.49	22.47
10	QPSK	1	25	22.27	22.48	22.28
10	QPSK	1	49	22.37	22.41	22.35
10	QPSK	25	0	21.37	21.45	21.46
10	QPSK	25	12	21.45	21.53	21.51
10	QPSK	25	25	21.54	21.53	21.54
10	QPSK	50	0	21.45	21.34	21.60
10	16QAM	1	0	21.88	21.78	21.82
10	16QAM	1	25	21.69	21.81	21.54
10	16QAM	1	49	21.66	21.72	21.77
10	16QAM	25	0	20.58	20.60	20.54
10	16QAM	25	12	20.79	20.71	20.60
10	16QAM	25	25	20.64	20.71	20.64
10	16QAM	50	0	20.71	20.64	20.59
10	64QAM	1	0	20.87	20.94	20.87
10	64QAM	1	25	20.85	20.91	20.65
10	64QAM	1	49	20.67	20.88	20.86
10	64QAM	25	0	20.65	20.61	20.53
10	64QAM	25	12	20.70	20.69	20.54
10	64QAM	25	25	20.56	20.66	20.59
10	64QAM	50	0	20.70	20.57	20.55
10	256QAM	1	0	17.86	17.93	17.86
10	256QAM	1	25	17.84	17.90	17.64
10	256QAM	1	49	17.66	17.87	17.85
10	256QAM	25	0	17.64	17.60	17.52
10	256QAM	25	12	17.69	17.68	17.53
10	256QAM	25	25	17.55	17.65	17.58
10	256QAM	50	0	17.69	17.56	17.54

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	22.35	22.52	22.46
5	QPSK	1	12	22.36	22.43	22.30
5	QPSK	1	24	22.42	22.39	22.39
5	QPSK	12	0	21.45	21.48	21.46
5	QPSK	12	7	21.46	21.56	21.50
5	QPSK	12	13	21.57	21.54	21.53
5	QPSK	25	0	21.41	21.40	21.60
5	16QAM	1	0	21.83	21.80	21.83
5	16QAM	1	12	21.64	21.81	21.56
5	16QAM	1	24	21.63	21.74	21.75
5	16QAM	12	0	20.65	20.53	20.56
5	16QAM	12	7	20.76	20.70	20.55
5	16QAM	12	13	20.63	20.72	20.67
5	16QAM	25	0	20.75	20.70	20.58
5	64QAM	1	0	20.89	20.88	20.94
5	64QAM	1	12	20.75	20.94	20.68
5	64QAM	1	24	20.69	20.83	20.90
5	64QAM	12	0	20.64	20.53	20.56
5	64QAM	12	7	20.72	20.69	20.56
5	64QAM	12	13	20.65	20.67	20.64
5	64QAM	25	0	20.66	20.66	20.51
5	256QAM	1	0	17.88	17.87	17.93
5	256QAM	1	12	17.74	17.93	17.67
5	256QAM	1	24	17.68	17.82	17.89
5	256QAM	12	0	17.63	17.52	17.55
5	256QAM	12	7	17.71	17.68	17.55
5	256QAM	12	13	17.64	17.66	17.63
5	256QAM	25	0	17.65	17.65	17.50

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	22.35	22.45	22.42
3	QPSK	1	8	22.27	22.45	22.32
3	QPSK	1	14	22.37	22.38	22.43
3	QPSK	8	0	21.44	21.42	21.45
3	QPSK	8	4	21.48	21.51	21.51
3	QPSK	8	7	21.54	21.54	21.51
3	QPSK	15	0	21.43	21.34	21.51
3	16QAM	1	0	21.84	21.81	21.76
3	16QAM	1	8	21.72	21.77	21.60
3	16QAM	1	14	21.58	21.74	21.84
3	16QAM	8	0	20.60	20.60	20.55
3	16QAM	8	4	20.73	20.70	20.63
3	16QAM	8	7	20.67	20.66	20.70
3	16QAM	15	0	20.66	20.64	20.58
3	64QAM	1	0	20.98	20.89	20.96
3	64QAM	1	8	20.85	20.92	20.69
3	64QAM	1	14	20.73	20.85	20.82
3	64QAM	8	0	20.58	20.60	20.52
3	64QAM	8	4	20.73	20.62	20.63
3	64QAM	8	7	20.63	20.58	20.62
3	64QAM	15	0	20.74	20.61	20.50
3	256QAM	1	0	17.97	17.88	17.95
3	256QAM	1	8	17.84	17.91	17.68
3	256QAM	1	14	17.72	17.84	17.81
3	256QAM	8	0	17.57	17.59	17.51
3	256QAM	8	4	17.72	17.61	17.62
3	256QAM	8	7	17.62	17.57	17.61
3	256QAM	15	0	17.73	17.60	17.49

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	22.34	22.50	22.46
1.4	QPSK	1	3	22.37	22.45	22.34
1.4	QPSK	1	5	22.38	22.46	22.34
1.4	QPSK	3	0	22.48	22.46	22.60
1.4	QPSK	3	1	22.51	22.53	22.49
1.4	QPSK	3	3	22.56	22.53	22.50
1.4	QPSK	6	0	21.47	21.34	21.58
1.4	16QAM	1	0	21.81	21.77	21.76
1.4	16QAM	1	3	21.68	21.80	21.53
1.4	16QAM	1	5	21.68	21.75	21.79
1.4	16QAM	3	0	21.45	21.67	21.46
1.4	16QAM	3	1	21.65	21.62	21.48
1.4	16QAM	3	3	21.52	21.55	21.54
1.4	16QAM	6	0	20.69	20.65	20.66
1.4	64QAM	1	0	20.95	20.88	20.87
1.4	64QAM	1	3	20.79	20.95	20.68
1.4	64QAM	1	5	20.76	20.83	20.86
1.4	64QAM	3	0	20.69	20.64	20.60
1.4	64QAM	3	1	20.63	20.68	20.62
1.4	64QAM	3	3	20.63	20.64	20.67
1.4	64QAM	6	0	20.75	20.62	20.54
1.4	256QAM	1	0	17.94	17.87	17.86
1.4	256QAM	1	3	17.78	17.94	17.67
1.4	256QAM	1	5	17.75	17.82	17.85
1.4	256QAM	3	0	17.68	17.63	17.59
1.4	256QAM	3	1	17.62	17.67	17.61
1.4	256QAM	3	3	17.62	17.63	17.66
1.4	256QAM	6	0	17.74	17.61	17.53

Effective Radiated Power and Effective Isotropic Radiated Power

ANT 0:

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	24.31	0.270	24.34	0.272	24.30	0.269
20	QPSK	1	49	24.09	0.256	24.15	0.260	24.11	0.258
20	QPSK	1	99	24.07	0.255	24.13	0.259	24.12	0.258
20	QPSK	50	0	23.33	0.215	23.40	0.219	23.30	0.214
20	QPSK	50	24	23.30	0.214	23.36	0.217	23.32	0.215
20	QPSK	50	50	23.25	0.211	23.32	0.215	23.30	0.214
20	QPSK	100	0	23.27	0.212	23.30	0.214	23.25	0.211
20	16QAM	1	0	23.51	0.224	23.53	0.225	23.51	0.224
20	16QAM	1	49	23.48	0.223	23.50	0.224	23.42	0.220
20	16QAM	1	99	23.45	0.221	23.49	0.223	23.48	0.223
20	16QAM	50	0	22.17	0.165	22.21	0.166	22.14	0.164
20	16QAM	50	24	22.19	0.166	22.20	0.166	22.13	0.163
20	16QAM	50	50	22.18	0.165	22.19	0.166	22.12	0.163
20	16QAM	100	0	22.11	0.163	22.17	0.165	22.13	0.163
20	64QAM	1	0	22.37	0.173	22.44	0.175	22.41	0.174
20	64QAM	1	49	22.30	0.170	22.38	0.173	22.33	0.171
20	64QAM	1	99	22.34	0.171	22.37	0.173	22.32	0.171
20	64QAM	50	0	22.24	0.167	22.25	0.168	22.17	0.165
20	64QAM	50	24	22.22	0.167	22.23	0.167	22.21	0.166
20	64QAM	50	50	22.16	0.164	22.20	0.166	22.17	0.165
20	64QAM	100	0	22.11	0.163	22.17	0.165	22.11	0.163
20	256QAM	1	0	19.58	0.091	19.65	0.092	19.62	0.092
20	256QAM	1	49	19.51	0.089	19.59	0.091	19.54	0.090
20	256QAM	1	99	19.55	0.090	19.58	0.091	19.53	0.090
20	256QAM	50	0	19.45	0.088	19.46	0.088	19.38	0.087
20	256QAM	50	24	19.43	0.088	19.44	0.088	19.42	0.087
20	256QAM	50	50	19.37	0.086	19.41	0.087	19.38	0.087
20	256QAM	100	0	19.32	0.086	19.38	0.087	19.32	0.086

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	24.13	0.259	24.19	0.262	24.12	0.258
15	QPSK	1	37	24.01	0.252	24.10	0.257	24.06	0.255
15	QPSK	1	74	24.06	0.255	24.11	0.258	24.07	0.255
15	QPSK	36	0	23.31	0.214	23.36	0.217	23.33	0.215
15	QPSK	36	20	23.22	0.210	23.29	0.213	23.31	0.214
15	QPSK	36	39	23.23	0.210	23.30	0.214	23.29	0.213
15	QPSK	75	0	23.25	0.211	23.22	0.210	23.18	0.208
15	16QAM	1	0	23.50	0.224	23.48	0.223	23.44	0.221
15	16QAM	1	37	23.41	0.219	23.43	0.220	23.38	0.218
15	16QAM	1	74	23.37	0.217	23.41	0.219	23.43	0.220
15	16QAM	36	0	22.11	0.163	22.14	0.164	22.13	0.163
15	16QAM	36	20	22.14	0.164	22.19	0.166	22.07	0.161
15	16QAM	36	39	22.16	0.164	22.13	0.163	22.04	0.160
15	16QAM	75	0	22.06	0.161	22.16	0.164	22.08	0.161
15	64QAM	1	0	22.33	0.171	22.37	0.173	22.37	0.173
15	64QAM	1	37	22.29	0.169	22.37	0.173	22.25	0.168
15	64QAM	1	74	22.32	0.171	22.35	0.172	22.31	0.170
15	64QAM	36	0	22.22	0.167	22.20	0.166	22.12	0.163
15	64QAM	36	20	22.20	0.166	22.19	0.166	22.15	0.164
15	64QAM	36	39	22.14	0.164	22.19	0.166	22.10	0.162
15	64QAM	75	0	22.07	0.161	22.10	0.162	22.05	0.160
15	256QAM	1	0	19.54	0.090	19.58	0.091	19.58	0.091
15	256QAM	1	37	19.50	0.089	19.58	0.091	19.46	0.088
15	256QAM	1	74	19.53	0.090	19.56	0.090	19.52	0.090
15	256QAM	36	0	19.43	0.088	19.41	0.087	19.33	0.086
15	256QAM	36	20	19.41	0.087	19.40	0.087	19.36	0.086
15	256QAM	36	39	19.35	0.086	19.40	0.087	19.31	0.085
15	256QAM	75	0	19.28	0.085	19.31	0.085	19.26	0.084

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	24.12	0.258	24.23	0.265	24.15	0.260
10	QPSK	1	25	24.02	0.252	24.10	0.257	24.05	0.254
10	QPSK	1	49	24.00	0.251	24.09	0.256	24.04	0.254
10	QPSK	25	0	23.36	0.217	23.33	0.215	23.33	0.215
10	QPSK	25	12	23.29	0.213	23.31	0.214	23.28	0.213
10	QPSK	25	25	23.23	0.210	23.24	0.211	23.26	0.212
10	QPSK	50	0	23.20	0.209	23.29	0.213	23.21	0.209
10	16QAM	1	0	23.44	0.221	23.45	0.221	23.47	0.222
10	16QAM	1	25	23.45	0.221	23.43	0.220	23.34	0.216
10	16QAM	1	49	23.39	0.218	23.43	0.220	23.40	0.219
10	16QAM	25	0	22.14	0.164	22.18	0.165	22.08	0.161
10	16QAM	25	12	22.15	0.164	22.14	0.164	22.08	0.161
10	16QAM	25	25	22.15	0.164	22.18	0.165	22.08	0.161
10	16QAM	50	0	22.04	0.160	22.15	0.164	22.09	0.162
10	64QAM	1	0	22.35	0.172	22.40	0.174	22.38	0.173
10	64QAM	1	25	22.27	0.169	22.34	0.171	22.26	0.168
10	64QAM	1	49	22.31	0.170	22.36	0.172	22.28	0.169
10	64QAM	25	0	22.23	0.167	22.24	0.167	22.10	0.162
10	64QAM	25	12	22.18	0.165	22.15	0.164	22.18	0.165
10	64QAM	25	25	22.14	0.164	22.19	0.166	22.16	0.164
10	64QAM	50	0	22.07	0.161	22.15	0.164	22.04	0.160
10	256QAM	1	0	19.56	0.090	19.61	0.091	19.59	0.091
10	256QAM	1	25	19.48	0.089	19.55	0.090	19.47	0.089
10	256QAM	1	49	19.52	0.090	19.57	0.091	19.49	0.089
10	256QAM	25	0	19.44	0.088	19.45	0.088	19.31	0.085
10	256QAM	25	12	19.39	0.087	19.36	0.086	19.39	0.087
10	256QAM	25	25	19.35	0.086	19.40	0.087	19.37	0.086
10	256QAM	50	0	19.28	0.085	19.36	0.086	19.25	0.084

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	24.10	0.257	24.17	0.261	24.14	0.259
5	QPSK	1	12	24.04	0.254	24.14	0.259	24.05	0.254
5	QPSK	1	24	24.00	0.251	24.05	0.254	24.09	0.256
5	QPSK	12	0	23.32	0.215	23.33	0.215	23.31	0.214
5	QPSK	12	7	23.23	0.210	23.28	0.213	23.24	0.211
5	QPSK	12	13	23.21	0.209	23.30	0.214	23.26	0.212
5	QPSK	25	0	23.25	0.211	23.23	0.210	23.20	0.209
5	16QAM	1	0	23.49	0.223	23.45	0.221	23.47	0.222
5	16QAM	1	12	23.42	0.220	23.49	0.223	23.39	0.218
5	16QAM	1	24	23.37	0.217	23.42	0.220	23.41	0.219
5	16QAM	12	0	22.10	0.162	22.17	0.165	22.07	0.161
5	16QAM	12	7	22.17	0.165	22.19	0.166	22.08	0.161
5	16QAM	12	13	22.14	0.164	22.13	0.163	22.11	0.163
5	16QAM	25	0	22.06	0.161	22.16	0.164	22.10	0.162
5	64QAM	1	0	22.32	0.171	22.42	0.175	22.39	0.173
5	64QAM	1	12	22.29	0.169	22.33	0.171	22.29	0.169
5	64QAM	1	24	22.32	0.171	22.36	0.172	22.27	0.169
5	64QAM	12	0	22.22	0.167	22.23	0.167	22.16	0.164
5	64QAM	12	7	22.19	0.166	22.15	0.164	22.16	0.164
5	64QAM	12	13	22.10	0.162	22.13	0.163	22.09	0.162
5	64QAM	25	0	22.08	0.161	22.10	0.162	22.06	0.161
5	256QAM	1	0	19.53	0.090	19.63	0.092	19.60	0.091
5	256QAM	1	12	19.50	0.089	19.54	0.090	19.50	0.089
5	256QAM	1	24	19.53	0.090	19.57	0.091	19.48	0.089
5	256QAM	12	0	19.43	0.088	19.44	0.088	19.37	0.086
5	256QAM	12	7	19.40	0.087	19.36	0.086	19.37	0.086
5	256QAM	12	13	19.31	0.085	19.34	0.086	19.30	0.085
5	256QAM	25	0	19.29	0.085	19.31	0.085	19.27	0.085

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	24.12	0.258	24.18	0.262	24.13	0.259
3	QPSK	1	8	24.05	0.254	24.07	0.255	24.09	0.256
3	QPSK	1	14	24.05	0.254	24.10	0.257	24.07	0.255
3	QPSK	8	0	23.33	0.215	23.36	0.217	23.34	0.216
3	QPSK	8	4	23.23	0.210	23.34	0.216	23.25	0.211
3	QPSK	8	7	23.24	0.211	23.28	0.213	23.27	0.212
3	QPSK	15	0	23.19	0.208	23.26	0.212	23.18	0.208
3	16QAM	1	0	23.50	0.224	23.48	0.223	23.50	0.224
3	16QAM	1	8	23.47	0.222	23.48	0.223	23.41	0.219
3	16QAM	1	14	23.38	0.218	23.42	0.220	23.40	0.219
3	16QAM	8	0	22.16	0.164	22.17	0.165	22.10	0.162
3	16QAM	8	4	22.12	0.163	22.17	0.165	22.10	0.162
3	16QAM	8	7	22.13	0.163	22.13	0.163	22.11	0.163
3	16QAM	15	0	22.06	0.161	22.15	0.164	22.11	0.163
3	64QAM	1	0	22.32	0.171	22.36	0.172	22.36	0.172
3	64QAM	1	8	22.23	0.167	22.33	0.171	22.28	0.169
3	64QAM	1	14	22.27	0.169	22.35	0.172	22.27	0.169
3	64QAM	8	0	22.18	0.165	22.24	0.167	22.09	0.162
3	64QAM	8	4	22.19	0.166	22.19	0.166	22.19	0.166
3	64QAM	8	7	22.15	0.164	22.19	0.166	22.16	0.164
3	64QAM	15	0	22.09	0.162	22.16	0.164	22.08	0.161
3	256QAM	1	0	19.53	0.090	19.57	0.091	19.57	0.091
3	256QAM	1	8	19.44	0.088	19.54	0.090	19.49	0.089
3	256QAM	1	14	19.48	0.089	19.56	0.090	19.48	0.089
3	256QAM	8	0	19.39	0.087	19.45	0.088	19.30	0.085
3	256QAM	8	4	19.40	0.087	19.40	0.087	19.40	0.087
3	256QAM	8	7	19.36	0.086	19.40	0.087	19.37	0.086
3	256QAM	15	0	19.30	0.085	19.37	0.086	19.29	0.085

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	24.08	0.256	24.23	0.265	24.15	0.260
1.4	QPSK	1	3	24.02	0.252	24.09	0.256	24.08	0.256
1.4	QPSK	1	5	23.99	0.251	24.10	0.257	24.08	0.256
1.4	QPSK	3	0	24.05	0.254	24.14	0.259	24.11	0.258
1.4	QPSK	3	1	24.17	0.261	24.20	0.263	24.10	0.257
1.4	QPSK	3	3	24.11	0.258	24.15	0.260	24.12	0.258
1.4	QPSK	6	0	23.19	0.208	23.29	0.213	23.21	0.209
1.4	16QAM	1	0	23.47	0.222	23.46	0.222	23.43	0.220
1.4	16QAM	1	3	23.47	0.222	23.44	0.221	23.40	0.219
1.4	16QAM	1	5	23.38	0.218	23.47	0.222	23.47	0.222
1.4	16QAM	3	0	23.27	0.212	23.32	0.215	23.24	0.211
1.4	16QAM	3	1	23.25	0.211	23.29	0.213	23.21	0.209
1.4	16QAM	3	3	23.26	0.212	23.30	0.214	23.19	0.208
1.4	16QAM	6	0	22.29	0.169	22.26	0.168	22.19	0.166
1.4	64QAM	1	0	22.35	0.172	22.40	0.174	22.39	0.173
1.4	64QAM	1	3	22.27	0.169	22.31	0.170	22.28	0.169
1.4	64QAM	1	5	22.27	0.169	22.31	0.170	22.28	0.169
1.4	64QAM	3	0	22.36	0.172	22.30	0.170	22.23	0.167
1.4	64QAM	3	1	22.33	0.171	22.31	0.170	22.28	0.169
1.4	64QAM	3	3	22.26	0.168	22.27	0.169	22.25	0.168
1.4	64QAM	6	0	22.06	0.161	22.12	0.163	22.04	0.160
1.4	256QAM	1	0	19.56	0.090	19.61	0.091	19.60	0.091
1.4	256QAM	1	3	19.48	0.089	19.52	0.090	19.49	0.089
1.4	256QAM	1	5	19.48	0.089	19.52	0.090	19.49	0.089
1.4	256QAM	3	0	19.57	0.091	19.51	0.089	19.44	0.088
1.4	256QAM	3	1	19.54	0.090	19.52	0.090	19.49	0.089
1.4	256QAM	3	3	19.47	0.089	19.48	0.089	19.46	0.088
1.4	256QAM	6	0	19.27	0.085	19.33	0.086	19.25	0.084

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	24.01	0.252	24.10	0.257	24.04	0.254
20	QPSK	1	49	23.95	0.248	23.97	0.249	23.90	0.245
20	QPSK	1	99	23.87	0.244	23.94	0.248	23.91	0.246
20	QPSK	50	0	23.01	0.200	23.13	0.206	23.02	0.200
20	QPSK	50	24	23.05	0.202	22.99	0.199	22.97	0.198
20	QPSK	50	50	23.02	0.200	23.05	0.202	22.98	0.199
20	QPSK	100	0	23.05	0.202	23.06	0.202	22.95	0.197
20	16QAM	1	0	23.32	0.215	23.23	0.210	23.06	0.202
20	16QAM	1	49	23.20	0.209	23.29	0.213	23.24	0.211
20	16QAM	1	99	23.30	0.214	23.07	0.203	23.34	0.216
20	16QAM	50	0	22.13	0.163	22.08	0.161	22.12	0.163
20	16QAM	50	24	22.22	0.167	22.07	0.161	22.06	0.161
20	16QAM	50	50	22.09	0.162	22.12	0.163	22.14	0.164
20	16QAM	100	0	22.07	0.161	22.09	0.162	22.05	0.160
20	64QAM	1	0	22.17	0.165	22.31	0.170	22.26	0.168
20	64QAM	1	49	22.20	0.166	22.24	0.167	22.14	0.164
20	64QAM	1	99	22.30	0.170	22.18	0.165	22.00	0.158
20	64QAM	50	0	22.15	0.164	22.04	0.160	22.04	0.160
20	64QAM	50	24	21.98	0.158	21.99	0.158	22.06	0.161
20	64QAM	50	50	22.11	0.163	22.04	0.160	22.09	0.162
20	64QAM	100	0	22.03	0.160	22.06	0.161	22.05	0.160
20	256QAM	1	0	19.02	0.080	19.16	0.082	19.11	0.081
20	256QAM	1	49	19.05	0.080	19.09	0.081	18.99	0.079
20	256QAM	1	99	19.15	0.082	19.03	0.080	18.85	0.077
20	256QAM	50	0	19.00	0.079	18.89	0.077	18.89	0.077
20	256QAM	50	24	18.83	0.076	18.84	0.077	18.91	0.078
20	256QAM	50	50	18.96	0.079	18.89	0.077	18.94	0.078
20	256QAM	100	0	18.88	0.077	18.91	0.078	18.90	0.078

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	23.88	0.244	23.93	0.247	23.84	0.242
15	QPSK	1	37	23.92	0.247	23.93	0.247	23.87	0.244
15	QPSK	1	74	23.78	0.239	23.93	0.247	23.90	0.245
15	QPSK	36	0	22.97	0.198	23.03	0.201	22.92	0.196
15	QPSK	36	20	23.11	0.205	22.92	0.196	22.93	0.196
15	QPSK	36	39	23.01	0.200	22.98	0.199	22.89	0.195
15	QPSK	75	0	23.00	0.200	22.98	0.199	22.85	0.193
15	16QAM	1	0	23.28	0.213	23.17	0.207	23.00	0.200
15	16QAM	1	37	23.27	0.212	23.39	0.218	23.19	0.208
15	16QAM	1	74	23.32	0.215	23.47	0.222	23.33	0.215
15	16QAM	36	0	22.12	0.163	21.99	0.158	22.06	0.161
15	16QAM	36	20	22.18	0.165	21.98	0.158	21.98	0.158
15	16QAM	36	39	22.05	0.160	22.10	0.162	22.12	0.163
15	16QAM	75	0	21.97	0.157	22.05	0.160	22.04	0.160
15	64QAM	1	0	22.14	0.164	22.30	0.170	22.21	0.166
15	64QAM	1	37	22.14	0.164	22.14	0.164	22.09	0.162
15	64QAM	1	74	22.28	0.169	22.13	0.163	21.94	0.156
15	64QAM	36	0	22.12	0.163	21.94	0.156	21.97	0.157
15	64QAM	36	20	21.89	0.155	21.96	0.157	21.99	0.158
15	64QAM	36	39	22.07	0.161	22.02	0.159	22.01	0.159
15	64QAM	75	0	21.97	0.157	22.03	0.160	22.04	0.160
15	256QAM	1	0	18.99	0.079	19.15	0.082	19.06	0.081
15	256QAM	1	37	18.99	0.079	18.99	0.079	18.94	0.078
15	256QAM	1	74	19.13	0.082	18.98	0.079	18.79	0.076
15	256QAM	36	0	18.97	0.079	18.79	0.076	18.82	0.076
15	256QAM	36	20	18.74	0.075	18.81	0.076	18.84	0.077
15	256QAM	36	39	18.92	0.078	18.87	0.077	18.86	0.077
15	256QAM	75	0	18.82	0.076	18.88	0.077	18.89	0.077

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	23.95	0.248	23.96	0.249	23.89	0.245
10	QPSK	1	25	23.88	0.244	23.92	0.247	23.84	0.242
10	QPSK	1	49	23.79	0.239	23.93	0.247	23.83	0.242
10	QPSK	25	0	22.95	0.197	23.12	0.205	22.97	0.198
10	QPSK	25	12	23.03	0.201	22.90	0.195	22.96	0.198
10	QPSK	25	25	22.93	0.196	23.03	0.201	22.91	0.195
10	QPSK	50	0	22.96	0.198	23.02	0.200	22.89	0.195
10	16QAM	1	0	23.26	0.212	23.18	0.208	22.99	0.199
10	16QAM	1	25	23.26	0.212	23.43	0.220	23.23	0.210
10	16QAM	1	49	23.28	0.213	23.48	0.223	23.29	0.213
10	16QAM	25	0	22.05	0.160	22.04	0.160	22.07	0.161
10	16QAM	25	12	22.14	0.164	22.00	0.158	22.02	0.159
10	16QAM	25	25	22.08	0.161	22.03	0.160	22.10	0.162
10	16QAM	50	0	22.06	0.161	22.03	0.160	21.96	0.157
10	64QAM	1	0	22.07	0.161	22.22	0.167	22.24	0.167
10	64QAM	1	25	22.18	0.165	22.23	0.167	22.12	0.163
10	64QAM	1	49	22.25	0.168	22.11	0.163	21.90	0.155
10	64QAM	25	0	22.14	0.164	21.94	0.156	21.95	0.157
10	64QAM	25	12	21.90	0.155	21.96	0.157	22.00	0.158
10	64QAM	25	25	22.07	0.161	22.02	0.159	22.03	0.160
10	64QAM	50	0	21.96	0.157	21.97	0.157	22.03	0.160
10	256QAM	1	0	18.92	0.078	19.07	0.081	19.09	0.081
10	256QAM	1	25	19.03	0.080	19.08	0.081	18.97	0.079
10	256QAM	1	49	19.10	0.081	18.96	0.079	18.75	0.075
10	256QAM	25	0	18.99	0.079	18.79	0.076	18.80	0.076
10	256QAM	25	12	18.75	0.075	18.81	0.076	18.85	0.077
10	256QAM	25	25	18.92	0.078	18.87	0.077	18.88	0.077
10	256QAM	50	0	18.81	0.076	18.82	0.076	18.88	0.077

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	23.94	0.248	23.94	0.248	23.85	0.243
5	QPSK	1	12	23.85	0.243	23.87	0.244	23.89	0.245
5	QPSK	1	24	23.86	0.243	23.92	0.247	23.82	0.241
5	QPSK	12	0	22.92	0.196	23.08	0.203	22.96	0.198
5	QPSK	12	7	23.06	0.202	22.94	0.197	22.88	0.194
5	QPSK	12	13	22.99	0.199	22.99	0.199	22.88	0.194
5	QPSK	25	0	23.03	0.201	23.02	0.200	22.87	0.194
5	16QAM	1	0	23.22	0.210	23.21	0.209	23.02	0.200
5	16QAM	1	12	23.25	0.211	23.41	0.219	23.22	0.210
5	16QAM	1	24	23.30	0.214	23.41	0.219	23.26	0.212
5	16QAM	12	0	22.11	0.163	22.01	0.159	22.08	0.161
5	16QAM	12	7	22.12	0.163	22.02	0.159	21.98	0.158
5	16QAM	12	13	22.04	0.160	22.04	0.160	22.10	0.162
5	16QAM	25	0	21.98	0.158	22.00	0.158	21.96	0.157
5	64QAM	1	0	22.08	0.161	22.28	0.169	22.20	0.166
5	64QAM	1	12	22.11	0.163	22.19	0.166	22.09	0.162
5	64QAM	1	24	22.27	0.169	22.15	0.164	21.96	0.157
5	64QAM	12	0	22.13	0.163	22.03	0.160	22.01	0.159
5	64QAM	12	7	21.95	0.157	21.92	0.156	22.00	0.158
5	64QAM	12	13	22.07	0.161	21.95	0.157	22.08	0.161
5	64QAM	25	0	22.02	0.159	22.03	0.160	21.96	0.157
5	256QAM	1	0	18.93	0.078	19.13	0.082	19.05	0.080
5	256QAM	1	12	18.96	0.079	19.04	0.080	18.94	0.078
5	256QAM	1	24	19.12	0.082	19.00	0.079	18.81	0.076
5	256QAM	12	0	18.98	0.079	18.88	0.077	18.86	0.077
5	256QAM	12	7	18.80	0.076	18.77	0.075	18.85	0.077
5	256QAM	12	13	18.92	0.078	18.80	0.076	18.93	0.078
5	256QAM	25	0	18.87	0.077	18.88	0.077	18.81	0.076

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	23.85	0.243	23.95	0.248	23.81	0.240
3	QPSK	1	8	23.89	0.245	23.94	0.248	23.85	0.243
3	QPSK	1	14	23.81	0.240	23.84	0.242	23.82	0.241
3	QPSK	8	0	22.94	0.197	23.06	0.202	22.98	0.199
3	QPSK	8	4	23.02	0.200	22.96	0.198	22.95	0.197
3	QPSK	8	7	22.98	0.199	22.97	0.198	22.95	0.197
3	QPSK	15	0	22.95	0.197	22.97	0.198	22.89	0.195
3	16QAM	1	0	23.22	0.210	23.22	0.210	22.99	0.199
3	16QAM	1	8	23.26	0.212	23.40	0.219	23.22	0.210
3	16QAM	1	14	23.32	0.215	23.43	0.220	23.31	0.214
3	16QAM	8	0	22.06	0.161	21.99	0.158	22.05	0.160
3	16QAM	8	4	22.19	0.166	21.99	0.158	22.00	0.158
3	16QAM	8	7	21.99	0.158	22.05	0.160	22.11	0.163
3	16QAM	15	0	21.98	0.158	22.01	0.159	22.02	0.159
3	64QAM	1	0	22.16	0.164	22.24	0.167	22.24	0.167
3	64QAM	1	8	22.16	0.164	22.18	0.165	22.05	0.160
3	64QAM	1	14	22.28	0.169	22.13	0.163	21.90	0.155
3	64QAM	8	0	22.09	0.162	21.94	0.156	21.94	0.156
3	64QAM	8	4	21.93	0.156	21.92	0.156	21.96	0.157
3	64QAM	8	7	22.02	0.159	21.96	0.157	22.05	0.160
3	64QAM	15	0	21.96	0.157	21.98	0.158	22.02	0.159
3	256QAM	1	0	19.01	0.080	19.09	0.081	19.09	0.081
3	256QAM	1	8	19.01	0.080	19.03	0.080	18.90	0.078
3	256QAM	1	14	19.13	0.082	18.98	0.079	18.75	0.075
3	256QAM	8	0	18.94	0.078	18.79	0.076	18.79	0.076
3	256QAM	8	4	18.78	0.076	18.77	0.075	18.81	0.076
3	256QAM	8	7	18.87	0.077	18.81	0.076	18.90	0.078
3	256QAM	15	0	18.81	0.076	18.83	0.076	18.87	0.077

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	23.85	0.243	23.93	0.247	23.82	0.241
1.4	QPSK	1	3	23.85	0.243	23.88	0.244	23.81	0.240
1.4	QPSK	1	5	23.81	0.240	23.92	0.247	23.86	0.243
1.4	QPSK	3	0	23.95	0.248	23.90	0.245	23.95	0.248
1.4	QPSK	3	1	23.94	0.248	23.94	0.248	23.92	0.247
1.4	QPSK	3	3	23.92	0.247	23.96	0.249	23.96	0.249
1.4	QPSK	6	0	22.96	0.198	22.96	0.198	22.85	0.193
1.4	16QAM	1	0	23.23	0.210	23.20	0.209	22.97	0.198
1.4	16QAM	1	3	23.32	0.215	23.40	0.219	23.23	0.210
1.4	16QAM	1	5	23.27	0.212	23.43	0.220	23.33	0.215
1.4	16QAM	3	0	23.05	0.202	23.05	0.202	23.08	0.203
1.4	16QAM	3	1	23.20	0.209	22.99	0.199	22.96	0.198
1.4	16QAM	3	3	23.02	0.200	23.09	0.204	23.04	0.201
1.4	16QAM	6	0	22.00	0.158	21.99	0.158	21.96	0.157
1.4	64QAM	1	0	22.07	0.161	22.22	0.167	22.25	0.168
1.4	64QAM	1	3	22.17	0.165	22.19	0.166	22.11	0.163
1.4	64QAM	1	5	22.23	0.167	22.17	0.165	21.95	0.157
1.4	64QAM	3	0	22.07	0.161	22.00	0.158	22.03	0.160
1.4	64QAM	3	1	21.94	0.156	21.98	0.158	22.04	0.160
1.4	64QAM	3	3	22.04	0.160	21.97	0.157	22.04	0.160
1.4	64QAM	6	0	21.94	0.156	21.96	0.157	21.97	0.157
1.4	256QAM	1	0	18.92	0.078	19.07	0.081	19.10	0.081
1.4	256QAM	1	3	19.02	0.080	19.04	0.080	18.96	0.079
1.4	256QAM	1	5	19.08	0.081	19.02	0.080	18.80	0.076
1.4	256QAM	3	0	18.92	0.078	18.85	0.077	18.88	0.077
1.4	256QAM	3	1	18.79	0.076	18.83	0.076	18.89	0.077
1.4	256QAM	3	3	18.89	0.077	18.82	0.076	18.89	0.077
1.4	256QAM	6	0	18.79	0.076	18.81	0.076	18.82	0.076

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	22.05	0.160	22.08	0.161	22.00	0.158
10	QPSK	1	25	21.88	0.154	21.91	0.155	21.80	0.151
10	QPSK	1	49	21.80	0.151	21.87	0.154	21.62	0.145
10	QPSK	25	0	20.98	0.125	21.06	0.128	20.92	0.124
10	QPSK	25	12	21.05	0.127	21.02	0.126	20.97	0.125
10	QPSK	25	25	20.97	0.125	20.93	0.124	20.96	0.125
10	QPSK	50	0	20.86	0.122	20.88	0.122	20.85	0.122
10	16QAM	1	0	20.95	0.124	20.85	0.122	20.81	0.121
10	16QAM	1	25	20.94	0.124	21.12	0.129	20.98	0.125
10	16QAM	1	49	20.91	0.123	20.92	0.124	20.84	0.121
10	16QAM	25	0	19.90	0.098	19.81	0.096	19.78	0.095
10	16QAM	25	12	19.82	0.096	19.78	0.095	19.75	0.094
10	16QAM	25	25	19.90	0.098	19.86	0.097	19.81	0.096
10	16QAM	50	0	19.94	0.099	19.80	0.095	19.77	0.095
10	64QAM	1	0	19.96	0.099	20.03	0.101	19.92	0.098
10	64QAM	1	25	19.83	0.096	19.81	0.096	19.87	0.097
10	64QAM	1	49	19.98	0.100	19.78	0.095	19.94	0.099
10	64QAM	25	0	19.93	0.098	19.86	0.097	19.81	0.096
10	64QAM	25	12	20.01	0.100	19.81	0.096	19.86	0.097
10	64QAM	25	25	19.85	0.097	19.86	0.097	19.81	0.096
10	64QAM	50	0	19.86	0.097	19.83	0.096	19.85	0.097
10	256QAM	1	0	17.02	0.050	17.09	0.051	16.98	0.050
10	256QAM	1	25	16.89	0.049	16.87	0.049	16.93	0.049
10	256QAM	1	49	17.04	0.051	16.84	0.048	17.00	0.050
10	256QAM	25	0	16.99	0.050	16.92	0.049	16.87	0.049
10	256QAM	25	12	17.07	0.051	16.87	0.049	16.92	0.049
10	256QAM	25	25	16.91	0.049	16.92	0.049	16.87	0.049
10	256QAM	50	0	16.92	0.049	16.89	0.049	16.91	0.049

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	21.89	0.155	21.90	0.155	21.82	0.152
5	QPSK	1	12	21.85	0.153	21.85	0.153	21.78	0.151
5	QPSK	1	24	21.75	0.150	21.82	0.152	21.56	0.143
5	QPSK	12	0	20.97	0.125	21.03	0.127	20.79	0.120
5	QPSK	12	7	21.01	0.126	20.99	0.126	20.94	0.124
5	QPSK	12	13	20.87	0.122	20.89	0.123	20.86	0.122
5	QPSK	25	0	20.91	0.123	20.89	0.123	20.94	0.124
5	16QAM	1	0	21.05	0.127	20.96	0.125	20.91	0.123
5	16QAM	1	12	21.04	0.127	21.24	0.133	21.10	0.129
5	16QAM	1	24	21.03	0.127	21.00	0.126	20.96	0.125
5	16QAM	12	0	19.96	0.099	19.92	0.098	19.83	0.096
5	16QAM	12	7	19.90	0.098	19.89	0.097	19.81	0.096
5	16QAM	12	13	19.95	0.099	19.94	0.099	19.88	0.097
5	16QAM	25	0	20.04	0.101	19.85	0.097	19.82	0.096
5	64QAM	1	0	19.90	0.098	19.97	0.099	19.90	0.098
5	64QAM	1	12	19.73	0.094	19.80	0.095	19.82	0.096
5	64QAM	1	24	19.93	0.098	19.69	0.093	19.85	0.097
5	64QAM	12	0	19.86	0.097	19.82	0.096	19.75	0.094
5	64QAM	12	7	19.97	0.099	19.76	0.095	19.80	0.095
5	64QAM	12	13	19.77	0.095	19.77	0.095	19.71	0.094
5	64QAM	25	0	19.95	0.099	19.93	0.098	19.96	0.099
5	256QAM	1	0	16.96	0.050	17.03	0.050	16.96	0.050
5	256QAM	1	12	16.79	0.048	16.86	0.049	16.88	0.049
5	256QAM	1	24	16.99	0.050	16.75	0.047	16.91	0.049
5	256QAM	12	0	16.92	0.049	16.88	0.049	16.81	0.048
5	256QAM	12	7	17.03	0.050	16.82	0.048	16.86	0.049
5	256QAM	12	13	16.83	0.048	16.83	0.048	16.77	0.048
5	256QAM	25	0	17.01	0.050	16.99	0.050	17.02	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				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.80	0.151	21.88	0.154	21.84	0.153
3	QPSK	1	8	21.87	0.154	21.85	0.153	21.73	0.149
3	QPSK	1	14	21.71	0.148	21.80	0.151	21.54	0.143
3	QPSK	8	0	20.91	0.123	21.02	0.126	20.80	0.120
3	QPSK	8	4	21.01	0.126	20.99	0.126	20.92	0.124
3	QPSK	8	7	20.73	0.118	20.78	0.120	20.76	0.119
3	QPSK	15	0	20.78	0.120	20.77	0.119	20.81	0.121
3	16QAM	1	0	20.92	0.124	20.76	0.119	20.77	0.119
3	16QAM	1	8	20.92	0.124	21.10	0.129	20.91	0.123
3	16QAM	1	14	20.84	0.121	20.82	0.121	20.82	0.121
3	16QAM	8	0	19.87	0.097	19.75	0.094	19.71	0.094
3	16QAM	8	4	19.73	0.094	19.75	0.094	19.74	0.094
3	16QAM	8	7	19.84	0.096	19.76	0.095	19.73	0.094
3	16QAM	15	0	19.90	0.098	19.77	0.095	19.74	0.094
3	64QAM	1	0	19.88	0.097	19.94	0.099	19.89	0.097
3	64QAM	1	8	19.82	0.096	19.76	0.095	19.86	0.097
3	64QAM	1	14	19.94	0.099	19.75	0.094	19.91	0.098
3	64QAM	8	0	19.88	0.097	19.77	0.095	19.77	0.095
3	64QAM	8	4	19.97	0.099	19.80	0.095	19.82	0.096
3	64QAM	8	7	19.83	0.096	19.77	0.095	19.75	0.094
3	64QAM	15	0	19.76	0.095	19.82	0.096	19.76	0.095
3	256QAM	1	0	16.94	0.049	17.00	0.050	16.95	0.050
3	256QAM	1	8	16.88	0.049	16.82	0.048	16.92	0.049
3	256QAM	1	14	17.00	0.050	16.81	0.048	16.97	0.050
3	256QAM	8	0	16.94	0.049	16.83	0.048	16.83	0.048
3	256QAM	8	4	17.03	0.050	16.86	0.049	16.88	0.049
3	256QAM	8	7	16.89	0.049	16.83	0.048	16.81	0.048
3	256QAM	15	0	16.82	0.048	16.88	0.049	16.82	0.048

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	21.90	0.155	21.91	0.155	21.78	0.151
1.4	QPSK	1	3	21.83	0.152	21.83	0.152	21.72	0.149
1.4	QPSK	1	5	21.79	0.151	21.84	0.153	21.57	0.144
1.4	QPSK	3	0	21.79	0.151	21.90	0.155	21.64	0.146
1.4	QPSK	3	1	21.85	0.153	21.82	0.152	21.75	0.150
1.4	QPSK	3	3	21.74	0.149	21.78	0.151	21.81	0.152
1.4	QPSK	6	0	20.85	0.122	20.75	0.119	20.76	0.119
1.4	16QAM	1	0	20.92	0.124	20.80	0.120	20.73	0.118
1.4	16QAM	1	3	20.92	0.124	21.10	0.129	20.88	0.122
1.4	16QAM	1	5	20.90	0.123	20.87	0.122	20.79	0.120
1.4	16QAM	3	0	20.95	0.124	20.88	0.122	20.90	0.123
1.4	16QAM	3	1	20.94	0.124	20.89	0.123	20.83	0.121
1.4	16QAM	3	3	20.95	0.124	20.95	0.124	20.93	0.124
1.4	16QAM	6	0	20.06	0.101	19.92	0.098	19.89	0.097
1.4	64QAM	1	0	20.09	0.102	20.11	0.103	19.97	0.099
1.4	64QAM	1	3	19.90	0.098	19.87	0.097	19.92	0.098
1.4	64QAM	1	5	20.06	0.101	19.82	0.096	20.06	0.101
1.4	64QAM	3	0	20.00	0.100	19.99	0.100	19.92	0.098
1.4	64QAM	3	1	20.07	0.102	19.88	0.097	19.91	0.098
1.4	64QAM	3	3	19.90	0.098	19.90	0.098	19.87	0.097
1.4	64QAM	6	0	19.98	0.100	19.95	0.099	19.95	0.099
1.4	256QAM	1	0	17.15	0.052	17.17	0.052	17.03	0.050
1.4	256QAM	1	3	16.96	0.050	16.93	0.049	16.98	0.050
1.4	256QAM	1	5	17.12	0.052	16.88	0.049	17.12	0.052
1.4	256QAM	3	0	17.06	0.051	17.05	0.051	16.98	0.050
1.4	256QAM	3	1	17.13	0.052	16.94	0.049	16.97	0.050
1.4	256QAM	3	3	16.96	0.050	16.96	0.050	16.93	0.049
1.4	256QAM	6	0	17.04	0.051	17.01	0.050	17.01	0.050

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	V	0.275	24.48	0.281	24.45	0.279
20	QPSK	1	49	24.27	0.267	24.34	0.272	24.39	0.275
20	QPSK	1	99	24.38	0.274	24.39	0.275	24.40	0.275
20	QPSK	50	0	23.48	0.223	23.61	0.230	23.60	0.229
20	QPSK	50	24	23.55	0.226	23.60	0.229	23.59	0.229
20	QPSK	50	50	23.58	0.228	23.57	0.228	23.59	0.229
20	QPSK	100	0	23.63	0.231	23.64	0.231	23.56	0.227
20	16QAM	1	0	23.49	0.223	23.43	0.220	23.48	0.223
20	16QAM	1	49	23.56	0.227	23.55	0.226	23.47	0.222
20	16QAM	1	99	23.57	0.228	23.62	0.230	23.58	0.228
20	16QAM	50	0	22.47	0.177	22.62	0.183	22.68	0.185
20	16QAM	50	24	22.51	0.178	22.56	0.180	22.48	0.177
20	16QAM	50	50	22.50	0.178	22.61	0.182	22.46	0.176
20	16QAM	100	0	22.49	0.177	22.54	0.179	22.59	0.182
20	64QAM	1	0	22.52	0.179	22.56	0.180	22.60	0.182
20	64QAM	1	49	22.56	0.180	22.62	0.183	22.37	0.173
20	64QAM	1	99	22.51	0.178	22.38	0.173	22.28	0.169
20	64QAM	50	0	22.48	0.177	22.52	0.179	22.56	0.180
20	64QAM	50	24	22.48	0.177	22.61	0.182	22.40	0.174
20	64QAM	50	50	22.45	0.176	22.60	0.182	22.54	0.179
20	64QAM	100	0	22.53	0.179	22.52	0.179	22.42	0.175
20	256QAM	1	0	19.56	0.090	19.60	0.091	19.64	0.092
20	256QAM	1	49	19.60	0.091	19.66	0.092	19.41	0.087
20	256QAM	1	99	19.55	0.090	19.42	0.087	19.32	0.086
20	256QAM	50	0	19.52	0.090	19.56	0.090	19.60	0.091
20	256QAM	50	24	19.52	0.090	19.65	0.092	19.44	0.088
20	256QAM	50	50	19.49	0.089	19.64	0.092	19.58	0.091
20	256QAM	100	0	19.57	0.091	19.56	0.090	19.46	0.088

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	24.29	0.269	24.39	0.275	24.33	0.271
15	QPSK	1	37	24.19	0.262	24.26	0.267	24.31	0.270
15	QPSK	1	74	24.31	0.270	24.36	0.273	24.38	0.274
15	QPSK	36	0	23.45	0.221	23.60	0.229	23.52	0.225
15	QPSK	36	20	23.45	0.221	23.58	0.228	23.53	0.225
15	QPSK	36	39	23.52	0.225	23.56	0.227	23.57	0.228
15	QPSK	75	0	23.55	0.226	23.52	0.225	23.47	0.222
15	16QAM	1	0	23.45	0.221	23.42	0.220	23.40	0.219
15	16QAM	1	37	23.51	0.224	23.46	0.222	23.46	0.222
15	16QAM	1	74	23.54	0.226	23.61	0.230	23.48	0.223
15	16QAM	36	0	22.40	0.174	22.60	0.182	22.67	0.185
15	16QAM	36	20	22.48	0.177	22.47	0.177	22.43	0.175
15	16QAM	36	39	22.46	0.176	22.60	0.182	22.39	0.173
15	16QAM	75	0	22.47	0.177	22.53	0.179	22.58	0.181
15	64QAM	1	0	22.48	0.177	22.46	0.176	22.58	0.181
15	64QAM	1	37	22.47	0.177	22.57	0.181	22.33	0.171
15	64QAM	1	74	22.43	0.175	22.33	0.171	22.26	0.168
15	64QAM	36	0	22.38	0.173	22.44	0.175	22.47	0.177
15	64QAM	36	20	22.43	0.175	22.57	0.181	22.37	0.173
15	64QAM	36	39	22.35	0.172	22.56	0.180	22.53	0.179
15	64QAM	75	0	22.52	0.179	22.44	0.175	22.40	0.174
15	256QAM	1	0	19.52	0.090	19.50	0.089	19.62	0.092
15	256QAM	1	37	19.51	0.089	19.61	0.091	19.37	0.086
15	256QAM	1	74	19.47	0.089	19.37	0.086	19.30	0.085
15	256QAM	36	0	19.42	0.087	19.48	0.089	19.51	0.089
15	256QAM	36	20	19.47	0.089	19.61	0.091	19.41	0.087
15	256QAM	36	39	19.39	0.087	19.60	0.091	19.57	0.091
15	256QAM	75	0	19.56	0.090	19.48	0.089	19.44	0.088

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	24.23	0.265	24.36	0.273	24.34	0.272
10	QPSK	1	25	24.23	0.265	24.32	0.270	24.29	0.269
10	QPSK	1	49	24.30	0.269	24.30	0.269	24.33	0.271
10	QPSK	25	0	23.40	0.219	23.59	0.229	23.50	0.224
10	QPSK	25	12	23.50	0.224	23.56	0.227	23.54	0.226
10	QPSK	25	25	23.53	0.225	23.47	0.222	23.58	0.228
10	QPSK	50	0	23.62	0.230	23.59	0.229	23.54	0.226
10	16QAM	1	0	23.41	0.219	23.39	0.218	23.40	0.219
10	16QAM	1	25	23.52	0.225	23.53	0.225	23.37	0.217
10	16QAM	1	49	23.51	0.224	23.53	0.225	23.56	0.227
10	16QAM	25	0	22.45	0.176	22.53	0.179	22.66	0.185
10	16QAM	25	12	22.48	0.177	22.53	0.179	22.38	0.173
10	16QAM	25	25	22.47	0.177	22.53	0.179	22.40	0.174
10	16QAM	50	0	22.44	0.175	22.53	0.179	22.58	0.181
10	64QAM	1	0	22.51	0.178	22.54	0.179	22.59	0.182
10	64QAM	1	25	22.47	0.177	22.57	0.181	22.34	0.171
10	64QAM	1	49	22.47	0.177	22.28	0.169	22.20	0.166
10	64QAM	25	0	22.39	0.173	22.46	0.176	22.51	0.178
10	64QAM	25	12	22.44	0.175	22.60	0.182	22.38	0.173
10	64QAM	25	25	22.42	0.175	22.50	0.178	22.48	0.177
10	64QAM	50	0	22.46	0.176	22.51	0.178	22.34	0.171
10	256QAM	1	0	19.55	0.090	19.58	0.091	19.63	0.092
10	256QAM	1	25	19.51	0.089	19.61	0.091	19.38	0.087
10	256QAM	1	49	19.51	0.089	19.32	0.086	19.24	0.084
10	256QAM	25	0	19.43	0.088	19.50	0.089	19.55	0.090
10	256QAM	25	12	19.48	0.089	19.64	0.092	19.42	0.087
10	256QAM	25	25	19.46	0.088	19.54	0.090	19.52	0.090
10	256QAM	50	0	19.50	0.089	19.55	0.090	19.38	0.087

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	24.29	0.269	24.40	0.275	24.27	0.267
5	QPSK	1	12	24.24	0.265	24.30	0.269	24.36	0.273
5	QPSK	1	24	24.32	0.270	24.35	0.272	24.34	0.272
5	QPSK	12	0	23.45	0.221	23.57	0.228	23.53	0.225
5	QPSK	12	7	23.54	0.226	23.58	0.228	23.53	0.225
5	QPSK	12	13	23.50	0.224	23.53	0.225	23.56	0.227
5	QPSK	25	0	23.55	0.226	23.58	0.228	23.48	0.223
5	16QAM	1	0	23.48	0.223	23.34	0.216	23.41	0.219
5	16QAM	1	12	23.53	0.225	23.50	0.224	23.41	0.219
5	16QAM	1	24	23.49	0.223	23.60	0.229	23.54	0.226
5	16QAM	12	0	22.45	0.176	22.52	0.179	22.60	0.182
5	16QAM	12	7	22.43	0.175	22.52	0.179	22.42	0.175
5	16QAM	12	13	22.42	0.175	22.52	0.179	22.39	0.173
5	16QAM	25	0	22.40	0.174	22.44	0.175	22.53	0.179
5	64QAM	1	0	22.44	0.175	22.51	0.178	22.53	0.179
5	64QAM	1	12	22.51	0.178	22.60	0.182	22.28	0.169
5	64QAM	1	24	22.47	0.177	22.36	0.172	22.20	0.166
5	64QAM	12	0	22.44	0.175	22.44	0.175	22.50	0.178
5	64QAM	12	7	22.38	0.173	22.55	0.180	22.30	0.170
5	64QAM	12	13	22.44	0.175	22.55	0.180	22.44	0.175
5	64QAM	25	0	22.43	0.175	22.47	0.177	22.34	0.171
5	256QAM	1	0	19.48	0.089	19.55	0.090	19.57	0.091
5	256QAM	1	12	19.55	0.090	19.64	0.092	19.32	0.086
5	256QAM	1	24	19.51	0.089	19.40	0.087	19.24	0.084
5	256QAM	12	0	19.48	0.089	19.48	0.089	19.54	0.090
5	256QAM	12	7	19.42	0.087	19.59	0.091	19.34	0.086
5	256QAM	12	13	19.48	0.089	19.59	0.091	19.48	0.089
5	256QAM	25	0	19.47	0.089	19.51	0.089	19.38	0.087

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.00	0.158	22.05	0.160	21.93	0.156
10	QPSK	1	25	21.93	0.156	21.96	0.157	21.97	0.157
10	QPSK	1	49	21.83	0.152	21.98	0.158	22.00	0.158
10	QPSK	25	0	21.16	0.131	21.21	0.132	21.20	0.132
10	QPSK	25	12	21.18	0.131	21.09	0.129	21.16	0.131
10	QPSK	25	25	21.18	0.131	21.13	0.130	21.10	0.129
10	QPSK	50	0	21.12	0.129	21.21	0.132	21.17	0.131
10	16QAM	1	0	21.36	0.137	21.33	0.136	21.20	0.132
10	16QAM	1	25	21.11	0.129	21.18	0.131	21.18	0.131
10	16QAM	1	49	21.16	0.131	21.11	0.129	21.22	0.132
10	16QAM	25	0	20.14	0.103	20.16	0.104	20.27	0.106
10	16QAM	25	12	20.12	0.103	20.17	0.104	20.14	0.103
10	16QAM	25	25	20.24	0.106	20.21	0.105	20.23	0.105
10	16QAM	50	0	20.28	0.107	20.22	0.105	20.19	0.104
10	64QAM	1	0	20.28	0.107	20.23	0.105	20.13	0.103
10	64QAM	1	25	20.34	0.108	20.29	0.107	20.27	0.106
10	64QAM	1	49	20.40	0.110	20.42	0.110	20.36	0.109
10	64QAM	25	0	20.12	0.103	20.32	0.108	20.16	0.104
10	64QAM	25	12	20.19	0.104	20.25	0.106	20.27	0.106
10	64QAM	25	25	20.14	0.103	20.21	0.105	20.15	0.104
10	64QAM	50	0	20.18	0.104	20.16	0.104	20.19	0.104
10	256QAM	1	0	16.90	0.049	16.85	0.048	16.75	0.047
10	256QAM	1	25	16.96	0.050	16.91	0.049	16.89	0.049
10	256QAM	1	49	17.02	0.050	17.04	0.051	16.98	0.050
10	256QAM	25	0	16.74	0.047	16.94	0.049	16.78	0.048
10	256QAM	25	12	16.81	0.048	16.87	0.049	16.89	0.049
10	256QAM	25	25	16.76	0.047	16.83	0.048	16.77	0.048
10	256QAM	50	0	16.80	0.048	16.78	0.048	16.81	0.048

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.80	0.151	21.95	0.157	21.83	0.152
5	QPSK	1	12	21.88	0.154	21.95	0.157	21.88	0.154
5	QPSK	1	24	21.82	0.152	21.93	0.156	21.94	0.156
5	QPSK	12	0	21.13	0.130	21.14	0.130	21.16	0.131
5	QPSK	12	7	21.09	0.129	21.04	0.127	21.13	0.130
5	QPSK	12	13	21.10	0.129	21.05	0.127	21.09	0.129
5	QPSK	25	0	21.11	0.129	21.08	0.128	21.13	0.130
5	16QAM	1	0	21.32	0.136	21.28	0.134	21.10	0.129
5	16QAM	1	12	21.01	0.126	21.16	0.131	21.16	0.131
5	16QAM	1	24	21.11	0.129	21.10	0.129	21.15	0.130
5	16QAM	12	0	20.05	0.101	20.14	0.103	20.19	0.104
5	16QAM	12	7	20.11	0.103	20.09	0.102	20.06	0.101
5	16QAM	12	13	20.16	0.104	20.13	0.103	20.17	0.104
5	16QAM	25	0	20.26	0.106	20.12	0.103	20.17	0.104
5	64QAM	1	0	20.26	0.106	20.15	0.104	20.09	0.102
5	64QAM	1	12	20.26	0.106	20.22	0.105	20.25	0.106
5	64QAM	1	24	20.36	0.109	20.38	0.109	20.26	0.106
5	64QAM	12	0	20.08	0.102	20.27	0.106	20.13	0.103
5	64QAM	12	7	20.12	0.103	20.22	0.105	20.20	0.105
5	64QAM	12	13	20.10	0.102	20.16	0.104	20.06	0.101
5	64QAM	25	0	20.17	0.104	20.13	0.103	20.18	0.104
5	256QAM	1	0	16.88	0.049	16.77	0.048	16.71	0.047
5	256QAM	1	12	16.88	0.049	16.84	0.048	16.87	0.049
5	256QAM	1	24	16.98	0.050	17.00	0.050	16.88	0.049
5	256QAM	12	0	16.70	0.047	16.89	0.049	16.75	0.047
5	256QAM	12	7	16.74	0.047	16.84	0.048	16.82	0.048
5	256QAM	12	13	16.72	0.047	16.78	0.048	16.68	0.047
5	256QAM	25	0	16.79	0.048	16.75	0.047	16.80	0.048

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.85	0.153	22.03	0.160	21.91	0.155
3	QPSK	1	8	21.91	0.155	21.91	0.155	21.96	0.157
3	QPSK	1	14	21.81	0.152	21.97	0.157	21.90	0.155
3	QPSK	8	0	21.15	0.130	21.15	0.130	21.15	0.130
3	QPSK	8	4	21.13	0.130	20.99	0.126	21.12	0.129
3	QPSK	8	7	21.09	0.129	21.08	0.128	21.03	0.127
3	QPSK	15	0	21.06	0.128	21.08	0.128	21.12	0.129
3	16QAM	1	0	21.29	0.135	21.28	0.134	21.10	0.129
3	16QAM	1	8	21.06	0.128	21.11	0.129	21.16	0.131
3	16QAM	1	14	21.06	0.128	21.06	0.128	21.20	0.132
3	16QAM	8	0	20.12	0.103	20.10	0.102	20.25	0.106
3	16QAM	8	4	20.03	0.101	20.07	0.102	20.06	0.101
3	16QAM	8	7	20.21	0.105	20.17	0.104	20.18	0.104
3	16QAM	15	0	20.27	0.106	20.17	0.104	20.09	0.102
3	64QAM	1	0	20.24	0.106	20.18	0.104	20.09	0.102
3	64QAM	1	8	20.31	0.107	20.28	0.107	20.19	0.104
3	64QAM	1	14	20.33	0.108	20.35	0.108	20.29	0.107
3	64QAM	8	0	20.10	0.102	20.31	0.107	20.06	0.101
3	64QAM	8	4	20.10	0.102	20.17	0.104	20.23	0.105
3	64QAM	8	7	20.13	0.103	20.14	0.103	20.09	0.102
3	64QAM	15	0	20.12	0.103	20.10	0.102	20.11	0.103
3	256QAM	1	0	16.86	0.049	16.80	0.048	16.71	0.047
3	256QAM	1	8	16.93	0.049	16.90	0.049	16.81	0.048
3	256QAM	1	14	16.95	0.050	16.97	0.050	16.91	0.049
3	256QAM	8	0	16.72	0.047	16.93	0.049	16.68	0.047
3	256QAM	8	4	16.72	0.047	16.79	0.048	16.85	0.048
3	256QAM	8	7	16.75	0.047	16.76	0.047	16.71	0.047
3	256QAM	15	0	16.74	0.047	16.72	0.047	16.73	0.047

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.84	0.153	22.04	0.160	21.85	0.153
1.4	QPSK	1	3	21.91	0.155	21.90	0.155	21.94	0.156
1.4	QPSK	1	5	21.82	0.152	21.88	0.154	21.93	0.156
1.4	QPSK	3	0	21.95	0.157	21.99	0.158	21.99	0.158
1.4	QPSK	3	1	22.00	0.158	21.88	0.154	21.97	0.157
1.4	QPSK	3	3	21.92	0.156	21.88	0.154	21.86	0.153
1.4	QPSK	6	0	21.07	0.128	21.07	0.128	21.09	0.129
1.4	16QAM	1	0	21.31	0.135	21.26	0.134	21.18	0.131
1.4	16QAM	1	3	21.04	0.127	21.09	0.129	21.11	0.129
1.4	16QAM	1	5	21.15	0.130	21.01	0.126	21.19	0.132
1.4	16QAM	3	0	21.05	0.127	21.15	0.130	21.19	0.132
1.4	16QAM	3	1	21.06	0.128	21.08	0.128	21.05	0.127
1.4	16QAM	3	3	21.21	0.132	21.16	0.131	21.19	0.132
1.4	16QAM	6	0	20.22	0.105	20.13	0.103	20.15	0.104
1.4	64QAM	1	0	20.26	0.106	20.15	0.104	20.05	0.101
1.4	64QAM	1	3	20.26	0.106	20.21	0.105	20.23	0.105
1.4	64QAM	1	5	20.39	0.109	20.37	0.109	20.30	0.107
1.4	64QAM	3	0	20.10	0.102	20.25	0.106	20.15	0.104
1.4	64QAM	3	1	20.10	0.102	20.18	0.104	20.26	0.106
1.4	64QAM	3	3	20.09	0.102	20.17	0.104	20.05	0.101
1.4	64QAM	6	0	20.16	0.104	20.06	0.101	20.18	0.104
1.4	256QAM	1	0	16.88	0.049	16.77	0.048	16.67	0.046
1.4	256QAM	1	3	16.88	0.049	16.83	0.048	16.85	0.048
1.4	256QAM	1	5	17.01	0.050	16.99	0.050	16.92	0.049
1.4	256QAM	3	0	16.72	0.047	16.87	0.049	16.77	0.048
1.4	256QAM	3	1	16.72	0.047	16.80	0.048	16.88	0.049
1.4	256QAM	3	3	16.71	0.047	16.79	0.048	16.67	0.046
1.4	256QAM	6	0	16.78	0.048	16.68	0.047	16.80	0.048

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	/	/	22.06	0.161	/	/
10	QPSK	1	25	/	/	22.05	0.160	/	/
10	QPSK	1	49	/	/	22.02	0.159	/	/
10	QPSK	25	0	/	/	21.15	0.130	/	/
10	QPSK	25	12	/	/	21.10	0.129	/	/
10	QPSK	25	25	/	/	21.06	0.128	/	/
10	QPSK	50	0	/	/	21.11	0.129	/	/
10	16QAM	1	0	/	/	21.41	0.138	/	/
10	16QAM	1	25	/	/	21.13	0.130	/	/
10	16QAM	1	49	/	/	21.27	0.134	/	/
10	16QAM	25	0	/	/	20.18	0.104	/	/
10	16QAM	25	12	/	/	20.22	0.105	/	/
10	16QAM	25	25	/	/	20.16	0.104	/	/
10	16QAM	50	0	/	/	20.11	0.103	/	/
10	64QAM	1	0	/	/	20.31	0.107	/	/
10	64QAM	1	25	/	/	20.39	0.109	/	/
10	64QAM	1	49	/	/	20.19	0.104	/	/
10	64QAM	25	0	/	/	20.20	0.105	/	/
10	64QAM	25	12	/	/	20.14	0.103	/	/
10	64QAM	25	25	/	/	20.18	0.104	/	/
10	64QAM	50	0	/	/	20.07	0.102	/	/
10	256QAM	1	0	/	/	17.08	0.051	/	/
10	256QAM	1	25	/	/	17.16	0.052	/	/
10	256QAM	1	49	/	/	16.96	0.050	/	/
10	256QAM	25	0	/	/	16.97	0.050	/	/
10	256QAM	25	12	/	/	16.91	0.049	/	/
10	256QAM	25	25	/	/	16.95	0.050	/	/
10	256QAM	50	0	/	/	16.84	0.048	/	/

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	22.03	0.160	22.04	0.160	21.90	0.155
5	QPSK	1	12	21.96	0.157	21.99	0.158	22.00	0.158
5	QPSK	1	24	21.91	0.155	21.95	0.157	21.98	0.158
5	QPSK	12	0	21.07	0.128	21.10	0.129	21.10	0.129
5	QPSK	12	7	21.02	0.126	21.00	0.126	21.02	0.126
5	QPSK	12	13	21.02	0.126	20.99	0.126	21.05	0.127
5	QPSK	25	0	21.08	0.128	21.04	0.127	21.06	0.128
5	16QAM	1	0	21.22	0.132	21.31	0.135	21.01	0.126
5	16QAM	1	12	21.06	0.128	21.06	0.128	21.08	0.128
5	16QAM	1	24	21.12	0.129	21.20	0.132	21.19	0.132
5	16QAM	12	0	20.11	0.103	20.14	0.103	19.99	0.100
5	16QAM	12	7	20.12	0.103	20.13	0.103	20.17	0.104
5	16QAM	12	13	20.21	0.105	20.12	0.103	20.07	0.102
5	16QAM	25	0	20.03	0.101	20.10	0.102	20.03	0.101
5	64QAM	1	0	20.09	0.102	20.30	0.107	20.16	0.104
5	64QAM	1	12	20.34	0.108	20.34	0.108	20.18	0.104
5	64QAM	1	24	20.12	0.103	20.18	0.104	20.13	0.103
5	64QAM	12	0	19.98	0.100	20.13	0.103	19.99	0.100
5	64QAM	12	7	19.98	0.100	20.09	0.102	20.08	0.102
5	64QAM	12	13	20.12	0.103	20.14	0.103	20.05	0.101
5	64QAM	25	0	20.02	0.100	20.06	0.101	20.10	0.102
5	256QAM	1	0	16.86	0.049	17.07	0.051	16.93	0.049
5	256QAM	1	12	17.11	0.051	17.11	0.051	16.95	0.050
5	256QAM	1	24	16.89	0.049	16.95	0.050	16.90	0.049
5	256QAM	12	0	16.75	0.047	16.90	0.049	16.76	0.047
5	256QAM	12	7	16.75	0.047	16.86	0.049	16.85	0.048
5	256QAM	12	13	16.89	0.049	16.91	0.049	16.82	0.048
5	256QAM	25	0	16.79	0.048	16.83	0.048	16.87	0.049

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	24.22	0.264	24.24	0.265	24.17	0.261
20	QPSK	1	49	23.93	0.247	24.05	0.254	23.90	0.245
20	QPSK	1	99	24.01	0.252	24.01	0.252	23.98	0.250
20	QPSK	50	0	23.13	0.206	23.18	0.208	23.16	0.207
20	QPSK	50	24	23.06	0.202	23.14	0.206	23.13	0.206
20	QPSK	50	50	23.17	0.207	23.12	0.205	23.14	0.206
20	QPSK	100	0	23.13	0.206	23.18	0.208	23.15	0.207
20	16QAM	1	0	23.43	0.220	23.38	0.218	23.40	0.219
20	16QAM	1	49	23.30	0.214	23.39	0.218	23.16	0.207
20	16QAM	1	99	23.24	0.211	23.31	0.214	23.39	0.218
20	16QAM	50	0	22.24	0.167	22.17	0.165	22.16	0.164
20	16QAM	50	24	22.36	0.172	22.31	0.170	22.19	0.166
20	16QAM	50	50	22.29	0.169	22.28	0.169	22.25	0.168
20	16QAM	100	0	22.30	0.170	22.27	0.169	22.17	0.165
20	64QAM	1	0	22.53	0.179	22.50	0.178	22.51	0.178
20	64QAM	1	49	22.41	0.174	22.51	0.178	22.25	0.168
20	64QAM	1	99	22.32	0.171	22.45	0.176	22.46	0.176
20	64QAM	50	0	22.21	0.166	22.16	0.164	22.16	0.164
20	64QAM	50	24	22.28	0.169	22.26	0.168	22.18	0.165
20	64QAM	50	50	22.21	0.166	22.22	0.167	22.22	0.167
20	64QAM	100	0	22.32	0.171	22.21	0.166	22.10	0.162
20	256QAM	1	0	19.52	0.090	19.49	0.089	19.50	0.089
20	256QAM	1	49	19.40	0.087	19.50	0.089	19.24	0.084
20	256QAM	1	99	19.31	0.085	19.44	0.088	19.45	0.088
20	256QAM	50	0	19.20	0.083	19.15	0.082	19.15	0.082
20	256QAM	50	24	19.27	0.085	19.25	0.084	19.17	0.083
20	256QAM	50	50	19.20	0.083	19.21	0.083	19.21	0.083
20	256QAM	100	0	19.31	0.085	19.20	0.083	19.09	0.081

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	23.83	0.242	24.03	0.253	23.99	0.251
15	QPSK	1	37	23.91	0.246	23.98	0.250	23.80	0.240
15	QPSK	1	74	23.95	0.248	24.00	0.251	23.94	0.248
15	QPSK	36	0	22.91	0.195	22.95	0.197	22.94	0.197
15	QPSK	36	20	22.97	0.198	23.10	0.204	23.12	0.205
15	QPSK	36	39	23.08	0.203	23.08	0.203	23.09	0.204
15	QPSK	75	0	22.93	0.196	22.97	0.198	23.09	0.204
15	16QAM	1	0	23.41	0.219	23.31	0.214	23.38	0.218
15	16QAM	1	37	23.25	0.211	23.35	0.216	23.12	0.205
15	16QAM	1	74	23.19	0.208	23.22	0.210	23.32	0.215
15	16QAM	36	0	22.22	0.167	22.12	0.163	22.14	0.164
15	16QAM	36	20	22.25	0.168	22.29	0.169	22.18	0.165
15	16QAM	36	39	22.23	0.167	22.19	0.166	22.17	0.165
15	16QAM	75	0	22.23	0.167	22.19	0.166	22.07	0.161
15	64QAM	1	0	22.48	0.177	22.46	0.176	22.44	0.175
15	64QAM	1	37	22.32	0.171	22.41	0.174	22.21	0.166
15	64QAM	1	74	22.21	0.166	22.40	0.174	22.44	0.175
15	64QAM	36	0	22.09	0.162	22.15	0.164	22.08	0.161
15	64QAM	36	20	22.18	0.165	22.16	0.164	22.17	0.165
15	64QAM	36	39	22.12	0.163	22.20	0.166	22.12	0.163
15	64QAM	75	0	22.30	0.170	22.19	0.166	22.03	0.160
15	256QAM	1	0	19.47	0.089	19.45	0.088	19.43	0.088
15	256QAM	1	37	19.31	0.085	19.40	0.087	19.20	0.083
15	256QAM	1	74	19.20	0.083	19.39	0.087	19.43	0.088
15	256QAM	36	0	19.08	0.081	19.14	0.082	19.07	0.081
15	256QAM	36	20	19.17	0.083	19.15	0.082	19.16	0.082
15	256QAM	36	39	19.11	0.081	19.19	0.083	19.11	0.081
15	256QAM	75	0	19.29	0.085	19.18	0.083	19.02	0.080

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	23.88	0.244	23.98	0.250	23.96	0.249
10	QPSK	1	25	23.76	0.238	23.97	0.249	23.77	0.238
10	QPSK	1	49	23.86	0.243	23.90	0.245	23.84	0.242
10	QPSK	25	0	22.86	0.193	22.94	0.197	22.95	0.197
10	QPSK	25	12	22.94	0.197	23.02	0.200	23.00	0.200
10	QPSK	25	25	23.03	0.201	23.02	0.200	23.03	0.201
10	QPSK	50	0	22.94	0.197	22.83	0.192	23.09	0.204
10	16QAM	1	0	23.37	0.217	23.27	0.212	23.31	0.214
10	16QAM	1	25	23.18	0.208	23.30	0.214	23.03	0.201
10	16QAM	1	49	23.15	0.207	23.21	0.209	23.26	0.212
10	16QAM	25	0	22.07	0.161	22.09	0.162	22.03	0.160
10	16QAM	25	12	22.28	0.169	22.20	0.166	22.09	0.162
10	16QAM	25	25	22.13	0.163	22.20	0.166	22.13	0.163
10	16QAM	50	0	22.20	0.166	22.13	0.163	22.08	0.161
10	64QAM	1	0	22.36	0.172	22.43	0.175	22.36	0.172
10	64QAM	1	25	22.34	0.171	22.40	0.174	22.14	0.164
10	64QAM	1	49	22.16	0.164	22.37	0.173	22.35	0.172
10	64QAM	25	0	22.14	0.164	22.10	0.162	22.02	0.159
10	64QAM	25	12	22.19	0.166	22.18	0.165	22.03	0.160
10	64QAM	25	25	22.05	0.160	22.15	0.164	22.08	0.161
10	64QAM	50	0	22.19	0.166	22.06	0.161	22.04	0.160
10	256QAM	1	0	19.35	0.086	19.42	0.087	19.35	0.086
10	256QAM	1	25	19.33	0.086	19.39	0.087	19.13	0.082
10	256QAM	1	49	19.15	0.082	19.36	0.086	19.34	0.086
10	256QAM	25	0	19.13	0.082	19.09	0.081	19.01	0.080
10	256QAM	25	12	19.18	0.083	19.17	0.083	19.02	0.080
10	256QAM	25	25	19.04	0.080	19.14	0.082	19.07	0.081
10	256QAM	50	0	19.18	0.083	19.05	0.080	19.03	0.080

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	23.84	0.242	24.01	0.252	23.95	0.248
5	QPSK	1	12	23.85	0.243	23.92	0.247	23.79	0.239
5	QPSK	1	24	23.91	0.246	23.88	0.244	23.88	0.244
5	QPSK	12	0	22.94	0.197	22.97	0.198	22.95	0.197
5	QPSK	12	7	22.95	0.197	23.05	0.202	22.99	0.199
5	QPSK	12	13	23.06	0.202	23.03	0.201	23.02	0.200
5	QPSK	25	0	22.90	0.195	22.89	0.195	23.09	0.204
5	16QAM	1	0	23.32	0.215	23.29	0.213	23.32	0.215
5	16QAM	1	12	23.13	0.206	23.30	0.214	23.05	0.202
5	16QAM	1	24	23.12	0.205	23.23	0.210	23.24	0.211
5	16QAM	12	0	22.14	0.164	22.02	0.159	22.05	0.160
5	16QAM	12	7	22.25	0.168	22.19	0.166	22.04	0.160
5	16QAM	12	13	22.12	0.163	22.21	0.166	22.16	0.164
5	16QAM	25	0	22.24	0.167	22.19	0.166	22.07	0.161
5	64QAM	1	0	22.38	0.173	22.37	0.173	22.43	0.175
5	64QAM	1	12	22.24	0.167	22.43	0.175	22.17	0.165
5	64QAM	1	24	22.18	0.165	22.32	0.171	22.39	0.173
5	64QAM	12	0	22.13	0.163	22.02	0.159	22.05	0.160
5	64QAM	12	7	22.21	0.166	22.18	0.165	22.05	0.160
5	64QAM	12	13	22.14	0.164	22.16	0.164	22.13	0.163
5	64QAM	25	0	22.15	0.164	22.15	0.164	22.00	0.158
5	256QAM	1	0	19.37	0.086	19.36	0.086	19.42	0.087
5	256QAM	1	12	19.23	0.084	19.42	0.087	19.16	0.082
5	256QAM	1	24	19.17	0.083	19.31	0.085	19.38	0.087
5	256QAM	12	0	19.12	0.082	19.01	0.080	19.04	0.080
5	256QAM	12	7	19.20	0.083	19.17	0.083	19.04	0.080
5	256QAM	12	13	19.13	0.082	19.15	0.082	19.12	0.082
5	256QAM	25	0	19.14	0.082	19.14	0.082	18.99	0.079

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	23.84	0.242	23.94	0.248	23.91	0.246
3	QPSK	1	8	23.76	0.238	23.94	0.248	23.81	0.240
3	QPSK	1	14	23.86	0.243	23.87	0.244	23.92	0.247
3	QPSK	8	0	22.93	0.196	22.91	0.195	22.94	0.197
3	QPSK	8	4	22.97	0.198	23.00	0.200	23.00	0.200
3	QPSK	8	7	23.03	0.201	23.03	0.201	23.00	0.200
3	QPSK	15	0	22.92	0.196	22.83	0.192	23.00	0.200
3	16QAM	1	0	23.33	0.215	23.30	0.214	23.25	0.211
3	16QAM	1	8	23.21	0.209	23.26	0.212	23.09	0.204
3	16QAM	1	14	23.07	0.203	23.23	0.210	23.33	0.215
3	16QAM	8	0	22.09	0.162	22.09	0.162	22.04	0.160
3	16QAM	8	4	22.22	0.167	22.19	0.166	22.12	0.163
3	16QAM	8	7	22.16	0.164	22.15	0.164	22.19	0.166
3	16QAM	15	0	22.15	0.164	22.13	0.163	22.07	0.161
3	64QAM	1	0	22.47	0.177	22.38	0.173	22.45	0.176
3	64QAM	1	8	22.34	0.171	22.41	0.174	22.18	0.165
3	64QAM	1	14	22.22	0.167	22.34	0.171	22.31	0.170
3	64QAM	8	0	22.07	0.161	22.09	0.162	22.01	0.159
3	64QAM	8	4	22.22	0.167	22.11	0.163	22.12	0.163
3	64QAM	8	7	22.12	0.163	22.07	0.161	22.11	0.163
3	64QAM	15	0	22.23	0.167	22.10	0.162	21.99	0.158
3	256QAM	1	0	19.46	0.088	19.37	0.086	19.44	0.088
3	256QAM	1	8	19.33	0.086	19.40	0.087	19.17	0.083
3	256QAM	1	14	19.21	0.083	19.33	0.086	19.30	0.085
3	256QAM	8	0	19.06	0.081	19.08	0.081	19.00	0.079
3	256QAM	8	4	19.21	0.083	19.10	0.081	19.11	0.081
3	256QAM	8	7	19.11	0.081	19.06	0.081	19.10	0.081
3	256QAM	15	0	19.22	0.084	19.09	0.081	18.98	0.079

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	23.83	0.242	23.99	0.251	23.95	0.248
1.4	QPSK	1	3	23.86	0.243	23.94	0.248	23.83	0.242
1.4	QPSK	1	5	23.87	0.244	23.95	0.248	23.83	0.242
1.4	QPSK	3	0	23.97	0.249	23.95	0.248	24.09	0.256
1.4	QPSK	3	1	24.00	0.251	24.02	0.252	23.98	0.250
1.4	QPSK	3	3	24.05	0.254	24.02	0.252	23.99	0.251
1.4	QPSK	6	0	22.96	0.198	22.83	0.192	23.07	0.203
1.4	16QAM	1	0	23.30	0.214	23.26	0.212	23.25	0.211
1.4	16QAM	1	3	23.17	0.207	23.29	0.213	23.02	0.200
1.4	16QAM	1	5	23.17	0.207	23.24	0.211	23.28	0.213
1.4	16QAM	3	0	22.94	0.197	23.16	0.207	22.95	0.197
1.4	16QAM	3	1	23.14	0.206	23.11	0.205	22.97	0.198
1.4	16QAM	3	3	23.01	0.200	23.04	0.201	23.03	0.201
1.4	16QAM	6	0	22.18	0.165	22.14	0.164	22.15	0.164
1.4	64QAM	1	0	22.44	0.175	22.37	0.173	22.36	0.172
1.4	64QAM	1	3	22.28	0.169	22.44	0.175	22.17	0.165
1.4	64QAM	1	5	22.25	0.168	22.32	0.171	22.35	0.172
1.4	64QAM	3	0	22.18	0.165	22.13	0.163	22.09	0.162
1.4	64QAM	3	1	22.12	0.163	22.17	0.165	22.11	0.163
1.4	64QAM	3	3	22.12	0.163	22.13	0.163	22.16	0.164
1.4	64QAM	6	0	22.24	0.167	22.11	0.163	22.03	0.160
1.4	256QAM	1	0	19.43	0.088	19.36	0.086	19.35	0.086
1.4	256QAM	1	3	19.27	0.085	19.43	0.088	19.16	0.082
1.4	256QAM	1	5	19.24	0.084	19.31	0.085	19.34	0.086
1.4	256QAM	3	0	19.17	0.083	19.12	0.082	19.08	0.081
1.4	256QAM	3	1	19.11	0.081	19.16	0.082	19.10	0.081
1.4	256QAM	3	3	19.11	0.081	19.12	0.082	19.15	0.082
1.4	256QAM	6	0	19.23	0.084	19.10	0.081	19.02	0.080

ANT 4:

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	24.32	0.270	24.35	0.272	24.33	0.271
20	QPSK	1	49	24.29	0.269	24.32	0.270	24.24	0.265
20	QPSK	1	99	24.20	0.263	24.21	0.264	24.16	0.261
20	QPSK	50	0	23.34	0.216	23.41	0.219	23.40	0.219
20	QPSK	50	24	23.32	0.215	23.32	0.215	23.34	0.216
20	QPSK	50	50	23.27	0.212	23.34	0.216	23.32	0.215
20	QPSK	100	0	23.34	0.216	23.37	0.217	23.32	0.215
20	16QAM	1	0	23.53	0.225	23.55	0.226	23.53	0.225
20	16QAM	1	49	23.50	0.224	23.52	0.225	23.44	0.221
20	16QAM	1	99	23.47	0.222	23.51	0.224	23.50	0.224
20	16QAM	50	0	22.19	0.166	22.23	0.167	22.16	0.164
20	16QAM	50	24	22.21	0.166	22.22	0.167	22.15	0.164
20	16QAM	50	50	22.20	0.166	22.21	0.166	22.14	0.164
20	16QAM	100	0	22.13	0.163	22.19	0.166	22.15	0.164
20	64QAM	1	0	22.39	0.173	22.46	0.176	22.43	0.175
20	64QAM	1	49	22.32	0.171	22.40	0.174	22.35	0.172
20	64QAM	1	99	22.36	0.172	22.39	0.173	22.34	0.171
20	64QAM	50	0	22.26	0.168	22.27	0.169	22.19	0.166
20	64QAM	50	24	22.24	0.167	22.25	0.168	22.23	0.167
20	64QAM	50	50	22.18	0.165	22.22	0.167	22.19	0.166
20	64QAM	100	0	22.13	0.163	22.19	0.166	22.13	0.163
20	256QAM	1	0	19.60	0.091	19.67	0.093	19.64	0.092
20	256QAM	1	49	19.53	0.090	19.61	0.091	19.56	0.090
20	256QAM	1	99	19.57	0.091	19.60	0.091	19.55	0.090
20	256QAM	50	0	19.47	0.089	19.48	0.089	19.40	0.087
20	256QAM	50	24	19.45	0.088	19.46	0.088	19.44	0.088
20	256QAM	50	50	19.39	0.087	19.43	0.088	19.40	0.087
20	256QAM	100	0	19.34	0.086	19.40	0.087	19.34	0.086

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	24.22	0.264	24.28	0.268	24.21	0.264
15	QPSK	1	37	24.10	0.257	24.19	0.262	24.15	0.260
15	QPSK	1	74	24.15	0.260	24.20	0.263	24.16	0.261
15	QPSK	36	0	23.40	0.219	23.45	0.221	23.42	0.220
15	QPSK	36	20	23.31	0.214	23.38	0.218	23.40	0.219
15	QPSK	36	39	23.32	0.215	23.39	0.218	23.38	0.218
15	QPSK	75	0	23.34	0.216	23.31	0.214	23.27	0.212
15	16QAM	1	0	23.59	0.229	23.57	0.228	23.53	0.225
15	16QAM	1	37	23.50	0.224	23.52	0.225	23.47	0.222
15	16QAM	1	74	23.46	0.222	23.50	0.224	23.52	0.225
15	16QAM	36	0	22.20	0.166	22.23	0.167	22.22	0.167
15	16QAM	36	20	22.16	0.164	22.21	0.166	22.09	0.162
15	16QAM	36	39	22.18	0.165	22.15	0.164	22.06	0.161
15	16QAM	75	0	22.08	0.161	22.18	0.165	22.10	0.162
15	64QAM	1	0	22.35	0.172	22.39	0.173	22.39	0.173
15	64QAM	1	37	22.31	0.170	22.39	0.173	22.27	0.169
15	64QAM	1	74	22.34	0.171	22.37	0.173	22.33	0.171
15	64QAM	36	0	22.24	0.167	22.22	0.167	22.14	0.164
15	64QAM	36	20	22.22	0.167	22.21	0.166	22.17	0.165
15	64QAM	36	39	22.16	0.164	22.21	0.166	22.12	0.163
15	64QAM	75	0	22.09	0.162	22.12	0.163	22.07	0.161
15	256QAM	1	0	19.56	0.090	19.60	0.091	19.60	0.091
15	256QAM	1	37	19.52	0.090	19.60	0.091	19.48	0.089
15	256QAM	1	74	19.55	0.090	19.58	0.091	19.54	0.090
15	256QAM	36	0	19.45	0.088	19.43	0.088	19.35	0.086
15	256QAM	36	20	19.43	0.088	19.42	0.087	19.38	0.087
15	256QAM	36	39	19.37	0.086	19.42	0.087	19.33	0.086
15	256QAM	75	0	19.30	0.085	19.33	0.086	19.28	0.085

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	24.21	0.264	24.32	0.270	24.24	0.265
10	QPSK	1	25	24.11	0.258	24.19	0.262	24.14	0.259
10	QPSK	1	49	24.09	0.256	24.18	0.262	24.13	0.259
10	QPSK	25	0	23.45	0.221	23.42	0.220	23.42	0.220
10	QPSK	25	12	23.38	0.218	23.40	0.219	23.37	0.217
10	QPSK	25	25	23.32	0.215	23.33	0.215	23.35	0.216
10	QPSK	50	0	23.29	0.213	23.38	0.218	23.30	0.214
10	16QAM	1	0	23.46	0.222	23.47	0.222	23.49	0.223
10	16QAM	1	25	23.47	0.222	23.45	0.221	23.36	0.217
10	16QAM	1	49	23.41	0.219	23.45	0.221	23.42	0.220
10	16QAM	25	0	22.16	0.164	22.20	0.166	22.10	0.162
10	16QAM	25	12	22.17	0.165	22.16	0.164	22.10	0.162
10	16QAM	25	25	22.17	0.165	22.20	0.166	22.10	0.162
10	16QAM	50	0	22.06	0.161	22.17	0.165	22.11	0.163
10	64QAM	1	0	22.37	0.173	22.42	0.175	22.40	0.174
10	64QAM	1	25	22.29	0.169	22.36	0.172	22.28	0.169
10	64QAM	1	49	22.33	0.171	22.38	0.173	22.30	0.170
10	64QAM	25	0	22.25	0.168	22.26	0.168	22.12	0.163
10	64QAM	25	12	22.20	0.166	22.17	0.165	22.20	0.166
10	64QAM	25	25	22.16	0.164	22.21	0.166	22.18	0.165
10	64QAM	50	0	22.09	0.162	22.17	0.165	22.06	0.161
10	256QAM	1	0	19.58	0.091	19.63	0.092	19.61	0.091
10	256QAM	1	25	19.50	0.089	19.57	0.091	19.49	0.089
10	256QAM	1	49	19.54	0.090	19.59	0.091	19.51	0.089
10	256QAM	25	0	19.46	0.088	19.47	0.089	19.33	0.086
10	256QAM	25	12	19.41	0.087	19.38	0.087	19.41	0.087
10	256QAM	25	25	19.37	0.086	19.42	0.087	19.39	0.087
10	256QAM	50	0	19.30	0.085	19.38	0.087	19.27	0.085

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	24.19	0.262	24.26	0.267	24.23	0.265
5	QPSK	1	12	24.13	0.259	24.23	0.265	24.14	0.259
5	QPSK	1	24	24.09	0.256	24.14	0.259	24.18	0.262
5	QPSK	12	0	23.41	0.219	23.42	0.220	23.40	0.219
5	QPSK	12	7	23.32	0.215	23.37	0.217	23.33	0.215
5	QPSK	12	13	23.30	0.214	23.39	0.218	23.35	0.216
5	QPSK	25	0	23.34	0.216	23.32	0.215	23.29	0.213
5	16QAM	1	0	23.58	0.228	23.54	0.226	23.56	0.227
5	16QAM	1	12	23.51	0.224	23.58	0.228	23.48	0.223
5	16QAM	1	24	23.46	0.222	23.51	0.224	23.50	0.224
5	16QAM	12	0	22.19	0.166	22.26	0.168	22.16	0.164
5	16QAM	12	7	22.26	0.168	22.28	0.169	22.17	0.165
5	16QAM	12	13	22.23	0.167	22.22	0.167	22.20	0.166
5	16QAM	25	0	22.15	0.164	22.25	0.168	22.19	0.166
5	64QAM	1	0	22.41	0.174	22.51	0.178	22.48	0.177
5	64QAM	1	12	22.31	0.170	22.35	0.172	22.31	0.170
5	64QAM	1	24	22.34	0.171	22.38	0.173	22.29	0.169
5	64QAM	12	0	22.24	0.167	22.25	0.168	22.18	0.165
5	64QAM	12	7	22.21	0.166	22.17	0.165	22.18	0.165
5	64QAM	12	13	22.12	0.163	22.15	0.164	22.11	0.163
5	64QAM	25	0	22.10	0.162	22.12	0.163	22.08	0.161
5	256QAM	1	0	19.55	0.090	19.65	0.092	19.62	0.092
5	256QAM	1	12	19.52	0.090	19.56	0.090	19.52	0.090
5	256QAM	1	24	19.55	0.090	19.59	0.091	19.50	0.089
5	256QAM	12	0	19.45	0.088	19.46	0.088	19.39	0.087
5	256QAM	12	7	19.42	0.087	19.38	0.087	19.39	0.087
5	256QAM	12	13	19.33	0.086	19.36	0.086	19.32	0.086
5	256QAM	25	0	19.31	0.085	19.33	0.086	19.29	0.085

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	24.21	0.264	24.27	0.267	24.22	0.264
3	QPSK	1	8	24.14	0.259	24.16	0.261	24.18	0.262
3	QPSK	1	14	24.14	0.259	24.19	0.262	24.16	0.261
3	QPSK	8	0	23.42	0.220	23.45	0.221	23.43	0.220
3	QPSK	8	4	23.32	0.215	23.43	0.220	23.34	0.216
3	QPSK	8	7	23.33	0.215	23.37	0.217	23.36	0.217
3	QPSK	15	0	23.28	0.213	23.35	0.216	23.27	0.212
3	16QAM	1	0	23.59	0.229	23.57	0.228	23.59	0.229
3	16QAM	1	8	23.56	0.227	23.57	0.228	23.50	0.224
3	16QAM	1	14	23.47	0.222	23.51	0.224	23.49	0.223
3	16QAM	8	0	22.25	0.168	22.26	0.168	22.19	0.166
3	16QAM	8	4	22.21	0.166	22.26	0.168	22.19	0.166
3	16QAM	8	7	22.22	0.167	22.22	0.167	22.20	0.166
3	16QAM	15	0	22.15	0.164	22.24	0.167	22.20	0.166
3	64QAM	1	0	22.34	0.171	22.38	0.173	22.38	0.173
3	64QAM	1	8	22.25	0.168	22.35	0.172	22.30	0.170
3	64QAM	1	14	22.29	0.169	22.37	0.173	22.29	0.169
3	64QAM	8	0	22.20	0.166	22.26	0.168	22.11	0.163
3	64QAM	8	4	22.21	0.166	22.21	0.166	22.21	0.166
3	64QAM	8	7	22.17	0.165	22.21	0.166	22.18	0.165
3	64QAM	15	0	22.11	0.163	22.18	0.165	22.10	0.162
3	256QAM	1	0	19.55	0.090	19.59	0.091	19.59	0.091
3	256QAM	1	8	19.46	0.088	19.56	0.090	19.51	0.089
3	256QAM	1	14	19.50	0.089	19.58	0.091	19.50	0.089
3	256QAM	8	0	19.41	0.087	19.47	0.089	19.32	0.086
3	256QAM	8	4	19.42	0.087	19.42	0.087	19.42	0.087
3	256QAM	8	7	19.38	0.087	19.42	0.087	19.39	0.087
3	256QAM	15	0	19.32	0.086	19.39	0.087	19.31	0.085

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	24.17	0.261	24.32	0.270	24.24	0.265
1.4	QPSK	1	3	24.11	0.258	24.18	0.262	24.17	0.261
1.4	QPSK	1	5	24.08	0.256	24.19	0.262	24.17	0.261
1.4	QPSK	3	0	24.14	0.259	24.23	0.265	24.20	0.263
1.4	QPSK	3	1	24.26	0.267	24.29	0.269	24.19	0.262
1.4	QPSK	3	3	24.20	0.263	24.24	0.265	24.21	0.264
1.4	QPSK	6	0	23.28	0.213	23.38	0.218	23.30	0.214
1.4	16QAM	1	0	23.56	0.227	23.55	0.226	23.52	0.225
1.4	16QAM	1	3	23.56	0.227	23.53	0.225	23.49	0.223
1.4	16QAM	1	5	23.47	0.222	23.56	0.227	23.56	0.227
1.4	16QAM	3	0	23.36	0.217	23.41	0.219	23.33	0.215
1.4	16QAM	3	1	23.34	0.216	23.38	0.218	23.30	0.214
1.4	16QAM	3	3	23.35	0.216	23.39	0.218	23.28	0.213
1.4	16QAM	6	0	22.38	0.173	22.35	0.172	22.28	0.169
1.4	64QAM	1	0	22.44	0.175	22.49	0.177	22.48	0.177
1.4	64QAM	1	3	22.36	0.172	22.40	0.174	22.37	0.173
1.4	64QAM	1	5	22.36	0.172	22.40	0.174	22.37	0.173
1.4	64QAM	3	0	22.45	0.176	22.39	0.173	22.32	0.171
1.4	64QAM	3	1	22.35	0.172	22.33	0.171	22.30	0.170
1.4	64QAM	3	3	22.28	0.169	22.29	0.169	22.27	0.169
1.4	64QAM	6	0	22.08	0.161	22.14	0.164	22.06	0.161
1.4	256QAM	1	0	19.58	0.091	19.63	0.092	19.62	0.092
1.4	256QAM	1	3	19.50	0.089	19.54	0.090	19.51	0.089
1.4	256QAM	1	5	19.50	0.089	19.54	0.090	19.51	0.089
1.4	256QAM	3	0	19.59	0.091	19.53	0.090	19.46	0.088
1.4	256QAM	3	1	19.56	0.090	19.54	0.090	19.51	0.089
1.4	256QAM	3	3	19.49	0.089	19.50	0.089	19.48	0.089
1.4	256QAM	6	0	19.29	0.085	19.35	0.086	19.27	0.085

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	24.47	0.280	24.51	0.282	24.48	0.281
20	QPSK	1	49	24.43	0.277	24.43	0.277	24.46	0.279
20	QPSK	1	99	24.41	0.276	24.42	0.277	24.43	0.277
20	QPSK	50	0	23.50	0.224	23.54	0.226	23.46	0.222
20	QPSK	50	24	23.46	0.222	23.40	0.219	23.39	0.218
20	QPSK	50	50	23.48	0.223	23.51	0.224	23.44	0.221
20	QPSK	100	0	23.51	0.224	23.52	0.225	23.41	0.219
20	16QAM	1	0	23.78	0.239	23.69	0.234	23.52	0.225
20	16QAM	1	49	23.66	0.232	23.75	0.237	23.70	0.234
20	16QAM	1	99	23.76	0.238	23.53	0.225	23.80	0.240
20	16QAM	50	0	22.59	0.182	22.54	0.179	22.58	0.181
20	16QAM	50	24	22.68	0.185	22.53	0.179	22.52	0.179
20	16QAM	50	50	22.55	0.180	22.58	0.181	22.60	0.182
20	16QAM	100	0	22.53	0.179	22.55	0.180	22.51	0.178
20	64QAM	1	0	22.63	0.183	22.77	0.189	22.72	0.187
20	64QAM	1	49	22.61	0.182	22.65	0.184	22.55	0.180
20	64QAM	1	99	22.71	0.187	22.59	0.182	22.41	0.174
20	64QAM	50	0	22.56	0.180	22.45	0.176	22.45	0.176
20	64QAM	50	24	22.39	0.173	22.40	0.174	22.47	0.177
20	64QAM	50	50	22.52	0.179	22.45	0.176	22.50	0.178
20	64QAM	100	0	22.44	0.175	22.47	0.177	22.46	0.176
20	256QAM	1	0	19.43	0.088	19.57	0.091	19.52	0.090
20	256QAM	1	49	19.46	0.088	19.50	0.089	19.40	0.087
20	256QAM	1	99	19.56	0.090	19.44	0.088	19.26	0.084
20	256QAM	50	0	19.41	0.087	19.30	0.085	19.30	0.085
20	256QAM	50	24	19.24	0.084	19.25	0.084	19.32	0.086
20	256QAM	50	50	19.37	0.086	19.30	0.085	19.35	0.086
20	256QAM	100	0	19.29	0.085	19.32	0.086	19.31	0.085

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	24.34	0.272	24.39	0.275	24.30	0.269
15	QPSK	1	37	24.38	0.274	24.39	0.275	24.33	0.271
15	QPSK	1	74	24.24	0.265	24.39	0.275	24.36	0.273
15	QPSK	36	0	23.43	0.220	23.49	0.223	23.38	0.218
15	QPSK	36	20	23.57	0.228	23.38	0.218	23.39	0.218
15	QPSK	36	39	23.47	0.222	23.44	0.221	23.35	0.216
15	QPSK	75	0	23.36	0.217	23.34	0.216	23.21	0.209
15	16QAM	1	0	23.64	0.231	23.53	0.225	23.36	0.217
15	16QAM	1	37	23.63	0.231	23.75	0.237	23.55	0.226
15	16QAM	1	74	23.75	0.237	23.90	0.245	23.76	0.238
15	16QAM	36	0	22.55	0.180	22.42	0.175	22.49	0.177
15	16QAM	36	20	22.61	0.182	22.41	0.174	22.41	0.174
15	16QAM	36	39	22.48	0.177	22.53	0.179	22.55	0.180
15	16QAM	75	0	22.43	0.175	22.51	0.178	22.50	0.178
15	64QAM	1	0	22.60	0.182	22.76	0.189	22.67	0.185
15	64QAM	1	37	22.60	0.182	22.60	0.182	22.55	0.180
15	64QAM	1	74	22.69	0.186	22.54	0.179	22.35	0.172
15	64QAM	36	0	22.53	0.179	22.35	0.172	22.38	0.173
15	64QAM	36	20	22.30	0.170	22.37	0.173	22.40	0.174
15	64QAM	36	39	22.48	0.177	22.43	0.175	22.42	0.175
15	64QAM	75	0	22.38	0.173	22.44	0.175	22.45	0.176
15	256QAM	1	0	19.40	0.087	19.56	0.090	19.47	0.089
15	256QAM	1	37	19.40	0.087	19.40	0.087	19.35	0.086
15	256QAM	1	74	19.54	0.090	19.39	0.087	19.20	0.083
15	256QAM	36	0	19.38	0.087	19.20	0.083	19.23	0.084
15	256QAM	36	20	19.15	0.082	19.22	0.084	19.25	0.084
15	256QAM	36	39	19.33	0.086	19.28	0.085	19.27	0.085
15	256QAM	75	0	19.23	0.084	19.29	0.085	19.30	0.085

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	24.35	0.272	24.36	0.273	24.29	0.269
10	QPSK	1	25	24.28	0.268	24.32	0.270	24.24	0.265
10	QPSK	1	49	24.19	0.262	24.33	0.271	24.23	0.265
10	QPSK	25	0	23.35	0.216	23.52	0.225	23.37	0.217
10	QPSK	25	12	23.43	0.220	23.30	0.214	23.36	0.217
10	QPSK	25	25	23.33	0.215	23.43	0.220	23.31	0.214
10	QPSK	50	0	23.36	0.217	23.42	0.220	23.29	0.213
10	16QAM	1	0	23.73	0.236	23.65	0.232	23.46	0.222
10	16QAM	1	25	23.70	0.234	23.87	0.244	23.67	0.233
10	16QAM	1	49	23.72	0.236	23.92	0.247	23.73	0.236
10	16QAM	25	0	22.49	0.177	22.48	0.177	22.51	0.178
10	16QAM	25	12	22.55	0.180	22.41	0.174	22.43	0.175
10	16QAM	25	25	22.49	0.177	22.44	0.175	22.51	0.178
10	16QAM	50	0	22.47	0.177	22.44	0.175	22.37	0.173
10	64QAM	1	0	22.48	0.177	22.63	0.183	22.65	0.184
10	64QAM	1	25	22.59	0.182	22.64	0.184	22.53	0.179
10	64QAM	1	49	22.66	0.185	22.52	0.179	22.31	0.170
10	64QAM	25	0	22.55	0.180	22.35	0.172	22.36	0.172
10	64QAM	25	12	22.31	0.170	22.37	0.173	22.41	0.174
10	64QAM	25	25	22.48	0.177	22.43	0.175	22.44	0.175
10	64QAM	50	0	22.37	0.173	22.38	0.173	22.44	0.175
10	256QAM	1	0	19.33	0.086	19.48	0.089	19.50	0.089
10	256QAM	1	25	19.44	0.088	19.49	0.089	19.38	0.087
10	256QAM	1	49	19.51	0.089	19.37	0.086	19.16	0.082
10	256QAM	25	0	19.40	0.087	19.20	0.083	19.21	0.083
10	256QAM	25	12	19.16	0.082	19.22	0.084	19.26	0.084
10	256QAM	25	25	19.33	0.086	19.28	0.085	19.29	0.085
10	256QAM	50	0	19.22	0.084	19.23	0.084	19.29	0.085

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	24.35	0.272	24.35	0.272	24.26	0.267
5	QPSK	1	12	24.26	0.267	24.28	0.268	24.30	0.269
5	QPSK	1	24	24.27	0.267	24.33	0.271	24.23	0.265
5	QPSK	12	0	23.33	0.215	23.49	0.223	23.37	0.217
5	QPSK	12	7	23.35	0.216	23.38	0.218	23.32	0.215
5	QPSK	12	13	23.43	0.220	23.43	0.220	23.32	0.215
5	QPSK	25	0	23.47	0.222	23.46	0.222	23.31	0.214
5	16QAM	1	0	23.66	0.232	23.65	0.232	23.46	0.222
5	16QAM	1	12	23.76	0.238	23.92	0.247	23.73	0.236
5	16QAM	1	24	23.81	0.240	23.92	0.247	23.77	0.238
5	16QAM	12	0	22.65	0.184	22.55	0.180	22.62	0.183
5	16QAM	12	7	22.66	0.185	22.56	0.180	22.52	0.179
5	16QAM	12	13	22.48	0.177	22.48	0.177	22.54	0.179
5	16QAM	25	0	22.42	0.175	22.44	0.175	22.40	0.174
5	64QAM	1	0	22.52	0.179	22.72	0.187	22.64	0.184
5	64QAM	1	12	22.55	0.180	22.63	0.183	22.53	0.179
5	64QAM	1	24	22.71	0.187	22.59	0.182	22.40	0.174
5	64QAM	12	0	22.57	0.181	22.47	0.177	22.45	0.176
5	64QAM	12	7	22.39	0.173	22.36	0.172	22.44	0.175
5	64QAM	12	13	22.51	0.178	22.39	0.173	22.52	0.179
5	64QAM	25	0	22.46	0.176	22.47	0.177	22.40	0.174
5	256QAM	1	0	19.37	0.086	19.57	0.091	19.49	0.089
5	256QAM	1	12	19.40	0.087	19.48	0.089	19.38	0.087
5	256QAM	1	24	19.56	0.090	19.44	0.088	19.25	0.084
5	256QAM	12	0	19.42	0.087	19.32	0.086	19.30	0.085
5	256QAM	12	7	19.24	0.084	19.21	0.083	19.29	0.085
5	256QAM	12	13	19.36	0.086	19.24	0.084	19.37	0.086
5	256QAM	25	0	19.31	0.085	19.32	0.086	19.25	0.084

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	24.26	0.267	24.36	0.273	24.22	0.264
3	QPSK	1	8	24.30	0.269	24.35	0.272	24.26	0.267
3	QPSK	1	14	24.22	0.264	24.25	0.266	24.23	0.265
3	QPSK	8	0	23.35	0.216	23.47	0.222	23.39	0.218
3	QPSK	8	4	23.46	0.222	23.40	0.219	23.39	0.218
3	QPSK	8	7	23.42	0.220	23.41	0.219	23.39	0.218
3	QPSK	15	0	23.39	0.218	23.41	0.219	23.33	0.215
3	16QAM	1	0	23.66	0.232	23.66	0.232	23.43	0.220
3	16QAM	1	8	23.70	0.234	23.84	0.242	23.66	0.232
3	16QAM	1	14	23.76	0.238	23.87	0.244	23.75	0.237
3	16QAM	8	0	22.50	0.178	22.43	0.175	22.49	0.177
3	16QAM	8	4	22.63	0.183	22.43	0.175	22.44	0.175
3	16QAM	8	7	22.43	0.175	22.49	0.177	22.55	0.180
3	16QAM	15	0	22.42	0.175	22.45	0.176	22.46	0.176
3	64QAM	1	0	22.60	0.182	22.68	0.185	22.68	0.185
3	64QAM	1	8	22.60	0.182	22.62	0.183	22.49	0.177
3	64QAM	1	14	22.72	0.187	22.57	0.181	22.34	0.171
3	64QAM	8	0	22.53	0.179	22.38	0.173	22.38	0.173
3	64QAM	8	4	22.37	0.173	22.36	0.172	22.40	0.174
3	64QAM	8	7	22.46	0.176	22.40	0.174	22.49	0.177
3	64QAM	15	0	22.40	0.174	22.42	0.175	22.46	0.176
3	256QAM	1	0	19.45	0.088	19.53	0.090	19.53	0.090
3	256QAM	1	8	19.45	0.088	19.47	0.089	19.34	0.086
3	256QAM	1	14	19.57	0.091	19.42	0.087	19.19	0.083
3	256QAM	8	0	19.38	0.087	19.23	0.084	19.23	0.084
3	256QAM	8	4	19.22	0.084	19.21	0.083	19.25	0.084
3	256QAM	8	7	19.28	0.085	19.22	0.084	19.31	0.085
3	256QAM	15	0	19.22	0.084	19.24	0.084	19.28	0.085

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	24.29	0.269	24.37	0.274	24.26	0.267
1.4	QPSK	1	3	24.29	0.269	24.32	0.270	24.25	0.266
1.4	QPSK	1	5	24.25	0.266	24.36	0.273	24.30	0.269
1.4	QPSK	3	0	24.46	0.279	24.41	0.276	24.46	0.279
1.4	QPSK	3	1	24.45	0.279	24.45	0.279	24.43	0.277
1.4	QPSK	3	3	24.43	0.277	24.47	0.280	24.47	0.280
1.4	QPSK	6	0	23.47	0.222	23.47	0.222	23.36	0.217
1.4	16QAM	1	0	23.74	0.237	23.71	0.235	23.48	0.223
1.4	16QAM	1	3	23.83	0.242	23.91	0.246	23.74	0.237
1.4	16QAM	1	5	23.78	0.239	23.94	0.248	23.84	0.242
1.4	16QAM	3	0	23.56	0.227	23.56	0.227	23.59	0.229
1.4	16QAM	3	1	23.71	0.235	23.50	0.224	23.47	0.222
1.4	16QAM	3	3	23.53	0.225	23.60	0.229	23.55	0.226
1.4	16QAM	6	0	22.51	0.178	22.50	0.178	22.47	0.177
1.4	64QAM	1	0	22.58	0.181	22.73	0.187	22.76	0.189
1.4	64QAM	1	3	22.68	0.185	22.70	0.186	22.62	0.183
1.4	64QAM	1	5	22.74	0.188	22.68	0.185	22.46	0.176
1.4	64QAM	3	0	22.58	0.181	22.51	0.178	22.54	0.179
1.4	64QAM	3	1	22.45	0.176	22.49	0.177	22.55	0.180
1.4	64QAM	3	3	22.55	0.180	22.48	0.177	22.55	0.180
1.4	64QAM	6	0	22.45	0.176	22.47	0.177	22.48	0.177
1.4	256QAM	1	0	19.43	0.088	19.58	0.091	19.61	0.091
1.4	256QAM	1	3	19.46	0.088	19.48	0.089	19.40	0.087
1.4	256QAM	1	5	19.49	0.089	19.43	0.088	19.21	0.083
1.4	256QAM	3	0	19.33	0.086	19.26	0.084	19.29	0.085
1.4	256QAM	3	1	19.20	0.083	19.24	0.084	19.30	0.085
1.4	256QAM	3	3	19.30	0.085	19.23	0.084	19.30	0.085
1.4	256QAM	6	0	19.20	0.083	19.22	0.084	19.23	0.084

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	24.60	0.288	24.66	0.292	24.61	0.289
20	QPSK	1	49	24.52	0.283	24.50	0.282	24.57	0.286
20	QPSK	1	99	24.49	0.281	24.54	0.284	24.56	0.286
20	QPSK	50	0	23.56	0.227	23.60	0.229	23.54	0.226
20	QPSK	50	24	23.48	0.223	23.56	0.227	23.55	0.226
20	QPSK	50	50	23.59	0.229	23.54	0.226	23.56	0.227
20	QPSK	100	0	23.55	0.226	23.59	0.229	23.57	0.228
20	16QAM	1	0	23.85	0.243	23.80	0.240	23.82	0.241
20	16QAM	1	49	23.72	0.236	23.81	0.240	23.58	0.228
20	16QAM	1	99	23.66	0.232	23.73	0.236	23.81	0.240
20	16QAM	50	0	22.66	0.185	22.59	0.182	22.58	0.181
20	16QAM	50	24	22.78	0.190	22.73	0.187	22.61	0.182
20	16QAM	50	50	22.71	0.187	22.70	0.186	22.67	0.185
20	16QAM	100	0	22.72	0.187	22.69	0.186	22.59	0.182
20	64QAM	1	0	22.95	0.197	22.92	0.196	22.93	0.196
20	64QAM	1	49	22.83	0.192	22.93	0.196	22.67	0.185
20	64QAM	1	99	22.74	0.188	22.87	0.194	22.88	0.194
20	64QAM	50	0	22.63	0.183	22.58	0.181	22.58	0.181
20	64QAM	50	24	22.70	0.186	22.68	0.185	22.60	0.182
20	64QAM	50	50	22.63	0.183	22.64	0.184	22.64	0.184
20	64QAM	100	0	22.74	0.188	22.63	0.183	22.52	0.179
20	256QAM	1	0	19.94	0.099	19.91	0.098	19.92	0.098
20	256QAM	1	49	19.82	0.096	19.92	0.098	19.66	0.092
20	256QAM	1	99	19.73	0.094	19.86	0.097	19.87	0.097
20	256QAM	50	0	19.62	0.092	19.57	0.091	19.57	0.091
20	256QAM	50	24	19.69	0.093	19.67	0.093	19.59	0.091
20	256QAM	50	50	19.62	0.092	19.63	0.092	19.63	0.092
20	256QAM	100	0	19.73	0.094	19.62	0.092	19.51	0.089

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	24.25	0.266	24.45	0.279	24.41	0.276
15	QPSK	1	37	24.33	0.271	24.40	0.275	24.22	0.264
15	QPSK	1	74	24.37	0.274	24.42	0.277	24.36	0.273
15	QPSK	36	0	23.33	0.215	23.37	0.217	23.36	0.217
15	QPSK	36	20	23.39	0.218	23.52	0.225	23.54	0.226
15	QPSK	36	39	23.50	0.224	23.50	0.224	23.51	0.224
15	QPSK	75	0	23.35	0.216	23.39	0.218	23.51	0.224
15	16QAM	1	0	23.83	0.242	23.73	0.236	23.80	0.240
15	16QAM	1	37	23.67	0.233	23.77	0.238	23.54	0.226
15	16QAM	1	74	23.61	0.230	23.64	0.231	23.74	0.237
15	16QAM	36	0	22.64	0.184	22.54	0.179	22.56	0.180
15	16QAM	36	20	22.67	0.185	22.71	0.187	22.60	0.182
15	16QAM	36	39	22.65	0.184	22.61	0.182	22.59	0.182
15	16QAM	75	0	22.65	0.184	22.61	0.182	22.49	0.177
15	64QAM	1	0	22.90	0.195	22.88	0.194	22.86	0.193
15	64QAM	1	37	22.74	0.188	22.83	0.192	22.63	0.183
15	64QAM	1	74	22.63	0.183	22.82	0.191	22.86	0.193
15	64QAM	36	0	22.51	0.178	22.57	0.181	22.50	0.178
15	64QAM	36	20	22.60	0.182	22.58	0.181	22.59	0.182
15	64QAM	36	39	22.54	0.179	22.62	0.183	22.54	0.179
15	64QAM	75	0	22.72	0.187	22.61	0.182	22.45	0.176
15	256QAM	1	0	19.89	0.097	19.87	0.097	19.85	0.097
15	256QAM	1	37	19.73	0.094	19.82	0.096	19.62	0.092
15	256QAM	1	74	19.62	0.092	19.81	0.096	19.85	0.097
15	256QAM	36	0	19.50	0.089	19.56	0.090	19.49	0.089
15	256QAM	36	20	19.59	0.091	19.57	0.091	19.58	0.091
15	256QAM	36	39	19.53	0.090	19.61	0.091	19.53	0.090
15	256QAM	75	0	19.71	0.094	19.60	0.091	19.44	0.088

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	24.30	0.269	24.40	0.275	24.38	0.274
10	QPSK	1	25	24.18	0.262	24.39	0.275	24.19	0.262
10	QPSK	1	49	24.28	0.268	24.32	0.270	24.26	0.267
10	QPSK	25	0	23.28	0.213	23.36	0.217	23.37	0.217
10	QPSK	25	12	23.36	0.217	23.44	0.221	23.42	0.220
10	QPSK	25	25	23.45	0.221	23.44	0.221	23.45	0.221
10	QPSK	50	0	23.36	0.217	23.25	0.211	23.51	0.224
10	16QAM	1	0	23.79	0.239	23.69	0.234	23.73	0.236
10	16QAM	1	25	23.60	0.229	23.72	0.236	23.45	0.221
10	16QAM	1	49	23.57	0.228	23.63	0.231	23.68	0.233
10	16QAM	25	0	22.49	0.177	22.51	0.178	22.45	0.176
10	16QAM	25	12	22.70	0.186	22.62	0.183	22.51	0.178
10	16QAM	25	25	22.55	0.180	22.62	0.183	22.55	0.180
10	16QAM	50	0	22.62	0.183	22.55	0.180	22.50	0.178
10	64QAM	1	0	22.78	0.190	22.85	0.193	22.78	0.190
10	64QAM	1	25	22.76	0.189	22.82	0.191	22.56	0.180
10	64QAM	1	49	22.58	0.181	22.79	0.190	22.77	0.189
10	64QAM	25	0	22.56	0.180	22.52	0.179	22.44	0.175
10	64QAM	25	12	22.61	0.182	22.60	0.182	22.45	0.176
10	64QAM	25	25	22.47	0.177	22.57	0.181	22.50	0.178
10	64QAM	50	0	22.61	0.182	22.48	0.177	22.46	0.176
10	256QAM	1	0	19.77	0.095	19.84	0.096	19.77	0.095
10	256QAM	1	25	19.75	0.094	19.81	0.096	19.55	0.090
10	256QAM	1	49	19.57	0.091	19.78	0.095	19.76	0.095
10	256QAM	25	0	19.55	0.090	19.51	0.089	19.43	0.088
10	256QAM	25	12	19.60	0.091	19.59	0.091	19.44	0.088
10	256QAM	25	25	19.46	0.088	19.56	0.090	19.49	0.089
10	256QAM	50	0	19.60	0.091	19.47	0.089	19.45	0.088

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	24.26	0.267	24.43	0.277	24.37	0.274
5	QPSK	1	12	24.27	0.267	24.34	0.272	24.21	0.264
5	QPSK	1	24	24.33	0.271	24.30	0.269	24.30	0.269
5	QPSK	12	0	23.36	0.217	23.39	0.218	23.37	0.217
5	QPSK	12	7	23.37	0.217	23.47	0.222	23.41	0.219
5	QPSK	12	13	23.48	0.223	23.45	0.221	23.44	0.221
5	QPSK	25	0	23.32	0.215	23.31	0.214	23.51	0.224
5	16QAM	1	0	23.74	0.237	23.71	0.235	23.74	0.237
5	16QAM	1	12	23.55	0.226	23.72	0.236	23.47	0.222
5	16QAM	1	24	23.54	0.226	23.65	0.232	23.66	0.232
5	16QAM	12	0	22.56	0.180	22.44	0.175	22.47	0.177
5	16QAM	12	7	22.67	0.185	22.61	0.182	22.46	0.176
5	16QAM	12	13	22.54	0.179	22.63	0.183	22.58	0.181
5	16QAM	25	0	22.66	0.185	22.61	0.182	22.49	0.177
5	64QAM	1	0	22.80	0.191	22.79	0.190	22.85	0.193
5	64QAM	1	12	22.66	0.185	22.85	0.193	22.59	0.182
5	64QAM	1	24	22.60	0.182	22.74	0.188	22.81	0.191
5	64QAM	12	0	22.55	0.180	22.44	0.175	22.47	0.177
5	64QAM	12	7	22.63	0.183	22.60	0.182	22.47	0.177
5	64QAM	12	13	22.56	0.180	22.58	0.181	22.55	0.180
5	64QAM	25	0	22.57	0.181	22.57	0.181	22.42	0.175
5	256QAM	1	0	19.79	0.095	19.78	0.095	19.84	0.096
5	256QAM	1	12	19.65	0.092	19.84	0.096	19.58	0.091
5	256QAM	1	24	19.59	0.091	19.73	0.094	19.80	0.095
5	256QAM	12	0	19.54	0.090	19.43	0.088	19.46	0.088
5	256QAM	12	7	19.62	0.092	19.59	0.091	19.46	0.088
5	256QAM	12	13	19.55	0.090	19.57	0.091	19.54	0.090
5	256QAM	25	0	19.56	0.090	19.56	0.090	19.41	0.087

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	24.26	0.267	24.36	0.273	24.33	0.271
3	QPSK	1	8	24.18	0.262	24.36	0.273	24.23	0.265
3	QPSK	1	14	24.28	0.268	24.29	0.269	24.34	0.272
3	QPSK	8	0	23.35	0.216	23.33	0.215	23.36	0.217
3	QPSK	8	4	23.39	0.218	23.42	0.220	23.42	0.220
3	QPSK	8	7	23.45	0.221	23.45	0.221	23.42	0.220
3	QPSK	15	0	23.34	0.216	23.25	0.211	23.42	0.220
3	16QAM	1	0	23.75	0.237	23.72	0.236	23.67	0.233
3	16QAM	1	8	23.63	0.231	23.68	0.233	23.51	0.224
3	16QAM	1	14	23.49	0.223	23.65	0.232	23.75	0.237
3	16QAM	8	0	22.51	0.178	22.51	0.178	22.46	0.176
3	16QAM	8	4	22.64	0.184	22.61	0.182	22.54	0.179
3	16QAM	8	7	22.58	0.181	22.57	0.181	22.61	0.182
3	16QAM	15	0	22.57	0.181	22.55	0.180	22.49	0.177
3	64QAM	1	0	22.89	0.195	22.80	0.191	22.87	0.194
3	64QAM	1	8	22.76	0.189	22.83	0.192	22.60	0.182
3	64QAM	1	14	22.64	0.184	22.76	0.189	22.73	0.187
3	64QAM	8	0	22.49	0.177	22.51	0.178	22.43	0.175
3	64QAM	8	4	22.64	0.184	22.53	0.179	22.54	0.179
3	64QAM	8	7	22.54	0.179	22.49	0.177	22.53	0.179
3	64QAM	15	0	22.65	0.184	22.52	0.179	22.41	0.174
3	256QAM	1	0	19.88	0.097	19.79	0.095	19.86	0.097
3	256QAM	1	8	19.75	0.094	19.82	0.096	19.59	0.091
3	256QAM	1	14	19.63	0.092	19.75	0.094	19.72	0.094
3	256QAM	8	0	19.48	0.089	19.50	0.089	19.42	0.087
3	256QAM	8	4	19.63	0.092	19.52	0.090	19.53	0.090
3	256QAM	8	7	19.53	0.090	19.48	0.089	19.52	0.090
3	256QAM	15	0	19.64	0.092	19.51	0.089	19.40	0.087

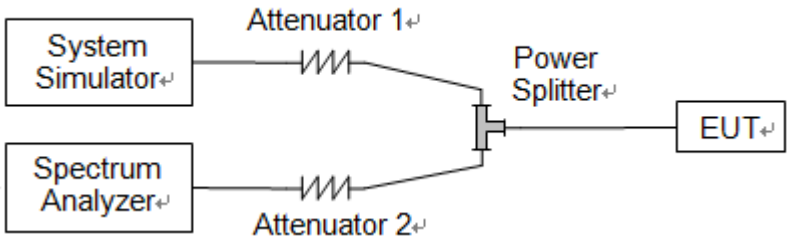
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.25	0.266	24.41	0.276	24.37	0.274
1.4	QPSK	1	3	24.28	0.268	24.36	0.273	24.25	0.266
1.4	QPSK	1	5	24.29	0.269	24.37	0.274	24.25	0.266
1.4	QPSK	3	0	24.39	0.275	24.37	0.274	24.51	0.282
1.4	QPSK	3	1	24.42	0.277	24.44	0.278	24.40	0.275
1.4	QPSK	3	3	24.47	0.280	24.44	0.278	24.41	0.276
1.4	QPSK	6	0	23.38	0.218	23.25	0.211	23.49	0.223
1.4	16QAM	1	0	23.72	0.236	23.68	0.233	23.67	0.233
1.4	16QAM	1	3	23.59	0.229	23.71	0.235	23.44	0.221
1.4	16QAM	1	5	23.59	0.229	23.66	0.232	23.70	0.234
1.4	16QAM	3	0	23.36	0.217	23.58	0.228	23.37	0.217
1.4	16QAM	3	1	23.56	0.227	23.53	0.225	23.39	0.218
1.4	16QAM	3	3	23.43	0.220	23.46	0.222	23.45	0.221
1.4	16QAM	6	0	22.60	0.182	22.56	0.180	22.57	0.181
1.4	64QAM	1	0	22.86	0.193	22.79	0.190	22.78	0.190
1.4	64QAM	1	3	22.70	0.186	22.86	0.193	22.59	0.182
1.4	64QAM	1	5	22.67	0.185	22.74	0.188	22.77	0.189
1.4	64QAM	3	0	22.60	0.182	22.55	0.180	22.51	0.178
1.4	64QAM	3	1	22.54	0.179	22.59	0.182	22.53	0.179
1.4	64QAM	3	3	22.54	0.179	22.55	0.180	22.58	0.181
1.4	64QAM	6	0	22.66	0.185	22.53	0.179	22.45	0.176
1.4	256QAM	1	0	19.85	0.097	19.78	0.095	19.77	0.095
1.4	256QAM	1	3	19.69	0.093	19.85	0.097	19.58	0.091
1.4	256QAM	1	5	19.66	0.092	19.73	0.094	19.76	0.095
1.4	256QAM	3	0	19.59	0.091	19.54	0.090	19.50	0.089
1.4	256QAM	3	1	19.53	0.090	19.58	0.091	19.52	0.090
1.4	256QAM	3	3	19.53	0.090	19.54	0.090	19.57	0.091
1.4	256QAM	6	0	19.65	0.092	19.52	0.090	19.44	0.088

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	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B2	1.4	Low	18607	1850.7	QPSK	1.10	1.36	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.11	1.35	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.11	1.35	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.10	1.35	PASS
B2	1.4	Mid	18900	1880	QPSK	1.10	1.36	PASS
B2	1.4	Mid	18900	1880	16QAM	1.11	1.34	PASS
B2	1.4	Mid	18900	1880	64QAM	1.11	1.35	PASS
B2	1.4	Mid	18900	1880	256QAM	1.10	1.36	PASS
B2	1.4	High	19193	1909.3	QPSK	1.10	1.37	PASS
B2	1.4	High	19193	1909.3	16QAM	1.11	1.35	PASS
B2	1.4	High	19193	1909.3	64QAM	1.10	1.35	PASS
B2	1.4	High	19193	1909.3	256QAM	1.11	1.35	PASS
B2	3	Low	18615	1851.5	QPSK	2.71	3.06	PASS
B2	3	Low	18615	1851.5	16QAM	2.71	3.03	PASS
B2	3	Low	18615	1851.5	64QAM	2.71	3.07	PASS
B2	3	Low	18615	1851.5	256QAM	2.71	3.05	PASS
B2	3	Mid	18900	1880	QPSK	2.71	3.04	PASS
B2	3	Mid	18900	1880	16QAM	2.72	3.02	PASS
B2	3	Mid	18900	1880	64QAM	2.71	3.06	PASS
B2	3	Mid	18900	1880	256QAM	2.71	3.08	PASS
B2	3	High	19185	1908.5	QPSK	2.71	3.02	PASS
B2	3	High	19185	1908.5	16QAM	2.72	3.04	PASS
B2	3	High	19185	1908.5	64QAM	2.71	3.05	PASS
B2	3	High	19185	1908.5	256QAM	2.71	3.03	PASS
B2	5	Low	18625	1852.5	QPSK	4.51	5.17	PASS
B2	5	Low	18625	1852.5	16QAM	4.54	5.09	PASS
B2	5	Low	18625	1852.5	64QAM	4.52	5.20	PASS
B2	5	Low	18625	1852.5	256QAM	4.51	5.18	PASS
B2	5	Mid	18900	1880	QPSK	4.52	5.13	PASS
B2	5	Mid	18900	1880	16QAM	4.51	5.08	PASS
B2	5	Mid	18900	1880	64QAM	4.51	5.12	PASS
B2	5	Mid	18900	1880	256QAM	4.53	5.14	PASS
B2	5	High	19175	1907.5	QPSK	4.51	5.14	PASS
B2	5	High	19175	1907.5	16QAM	4.52	5.11	PASS
B2	5	High	19175	1907.5	64QAM	4.52	5.15	PASS

B2	5	High	19175	1907.5	256QAM	4.53	5.15	PASS
B2	10	Low	18650	1855	QPSK	9.01	10.11	PASS
B2	10	Low	18650	1855	16QAM	9.03	10.08	PASS
B2	10	Low	18650	1855	64QAM	9.02	10.00	PASS
B2	10	Low	18650	1855	256QAM	9.01	10.09	PASS
B2	10	Mid	18900	1880	QPSK	9.00	10.05	PASS
B2	10	Mid	18900	1880	16QAM	9.00	9.99	PASS
B2	10	Mid	18900	1880	64QAM	9.01	9.99	PASS
B2	10	Mid	18900	1880	256QAM	9.00	10.07	PASS
B2	10	High	19150	1905	QPSK	9.02	10.08	PASS
B2	10	High	19150	1905	16QAM	9.01	9.97	PASS
B2	10	High	19150	1905	64QAM	9.02	10.08	PASS
B2	10	High	19150	1905	256QAM	9.01	10.06	PASS
B2	15	Low	18675	1857.5	QPSK	13.49	14.95	PASS
B2	15	Low	18675	1857.5	16QAM	13.49	14.95	PASS
B2	15	Low	18675	1857.5	64QAM	13.50	14.92	PASS
B2	15	Low	18675	1857.5	256QAM	13.48	14.77	PASS
B2	15	Mid	18900	1880	QPSK	13.50	14.92	PASS
B2	15	Mid	18900	1880	16QAM	13.51	14.90	PASS
B2	15	Mid	18900	1880	64QAM	13.50	15.01	PASS
B2	15	Mid	18900	1880	256QAM	13.46	14.85	PASS
B2	15	High	19125	1902.5	QPSK	13.50	15.03	PASS
B2	15	High	19125	1902.5	16QAM	13.47	14.80	PASS
B2	15	High	19125	1902.5	64QAM	13.45	14.80	PASS
B2	15	High	19125	1902.5	256QAM	13.47	14.97	PASS
B2	20	Low	18700	1860	QPSK	18.03	19.75	PASS
B2	20	Low	18700	1860	16QAM	18.04	19.68	PASS
B2	20	Low	18700	1860	64QAM	17.99	19.82	PASS
B2	20	Low	18700	1860	256QAM	18.00	19.70	PASS
B2	20	Mid	18900	1880	QPSK	17.95	19.79	PASS
B2	20	Mid	18900	1880	16QAM	18.00	19.67	PASS
B2	20	Mid	18900	1880	64QAM	17.98	19.86	PASS
B2	20	Mid	18900	1880	256QAM	18.01	19.84	PASS
B2	20	High	19100	1900	QPSK	17.96	19.83	PASS
B2	20	High	19100	1900	16QAM	17.97	19.72	PASS
B2	20	High	19100	1900	64QAM	17.92	19.70	PASS
B2	20	High	19100	1900	256QAM	17.97	19.91	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B4	1.4	Low	19957	1710.7	QPSK	1.10	1.32	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.11	1.38	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.10	1.35	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.10	1.37	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.10	1.37	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.11	1.39	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.10	1.36	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.10	1.34	PASS
B4	1.4	High	20393	1754.3	QPSK	1.10	1.34	PASS
B4	1.4	High	20393	1754.3	16QAM	1.11	1.39	PASS
B4	1.4	High	20393	1754.3	64QAM	1.10	1.37	PASS
B4	1.4	High	20393	1754.3	256QAM	1.11	1.36	PASS
B4	3	Low	19965	1711.5	QPSK	2.71	3.08	PASS
B4	3	Low	19965	1711.5	16QAM	2.71	3.05	PASS
B4	3	Low	19965	1711.5	64QAM	2.72	3.07	PASS
B4	3	Low	19965	1711.5	256QAM	2.71	3.04	PASS
B4	3	Mid	20175	1732.5	QPSK	2.71	3.08	PASS
B4	3	Mid	20175	1732.5	16QAM	2.72	3.07	PASS
B4	3	Mid	20175	1732.5	64QAM	2.71	3.02	PASS
B4	3	Mid	20175	1732.5	256QAM	2.71	3.06	PASS
B4	3	High	20385	1753.5	QPSK	2.72	3.07	PASS
B4	3	High	20385	1753.5	16QAM	2.71	3.04	PASS
B4	3	High	20385	1753.5	64QAM	2.71	3.05	PASS
B4	3	High	20385	1753.5	256QAM	2.72	3.06	PASS
B4	5	Low	19975	1712.5	QPSK	4.52	5.20	PASS
B4	5	Low	19975	1712.5	16QAM	4.52	5.16	PASS
B4	5	Low	19975	1712.5	64QAM	4.52	5.07	PASS
B4	5	Low	19975	1712.5	256QAM	4.52	5.12	PASS
B4	5	Mid	20175	1732.5	QPSK	4.52	5.23	PASS
B4	5	Mid	20175	1732.5	16QAM	4.53	5.25	PASS
B4	5	Mid	20175	1732.5	64QAM	4.52	5.14	PASS
B4	5	Mid	20175	1732.5	256QAM	4.52	5.18	PASS
B4	5	High	20375	1752.5	QPSK	4.51	5.19	PASS
B4	5	High	20375	1752.5	16QAM	4.52	5.14	PASS
B4	5	High	20375	1752.5	64QAM	4.52	5.16	PASS

B4	5	High	20375	1752.5	256QAM	4.53	5.13	PASS
B4	10	Low	20000	1715	QPSK	9.02	10.14	PASS
B4	10	Low	20000	1715	16QAM	9.02	10.12	PASS
B4	10	Low	20000	1715	64QAM	9.00	9.84	PASS
B4	10	Low	20000	1715	256QAM	9.02	9.98	PASS
B4	10	Mid	20175	1732.5	QPSK	9.00	10.19	PASS
B4	10	Mid	20175	1732.5	16QAM	9.00	10.01	PASS
B4	10	Mid	20175	1732.5	64QAM	9.02	9.95	PASS
B4	10	Mid	20175	1732.5	256QAM	8.99	9.88	PASS
B4	10	High	20350	1750	QPSK	9.01	10.12	PASS
B4	10	High	20350	1750	16QAM	9.02	10.03	PASS
B4	10	High	20350	1750	64QAM	9.00	10.06	PASS
B4	10	High	20350	1750	256QAM	9.02	9.90	PASS
B4	15	Low	20025	1717.5	QPSK	13.50	14.78	PASS
B4	15	Low	20025	1717.5	16QAM	13.48	14.96	PASS
B4	15	Low	20025	1717.5	64QAM	13.51	14.97	PASS
B4	15	Low	20025	1717.5	256QAM	13.45	14.95	PASS
B4	15	Mid	20175	1732.5	QPSK	13.51	14.96	PASS
B4	15	Mid	20175	1732.5	16QAM	13.51	14.93	PASS
B4	15	Mid	20175	1732.5	64QAM	13.52	14.79	PASS
B4	15	Mid	20175	1732.5	256QAM	13.51	14.65	PASS
B4	15	High	20325	1747.5	QPSK	13.50	14.60	PASS
B4	15	High	20325	1747.5	16QAM	13.49	14.98	PASS
B4	15	High	20325	1747.5	64QAM	13.50	15.00	PASS
B4	15	High	20325	1747.5	256QAM	13.48	15.11	PASS
B4	20	Low	20050	1720	QPSK	17.96	19.57	PASS
B4	20	Low	20050	1720	16QAM	17.96	19.58	PASS
B4	20	Low	20050	1720	64QAM	17.97	19.70	PASS
B4	20	Low	20050	1720	256QAM	17.94	19.50	PASS
B4	20	Mid	20175	1732.5	QPSK	17.99	19.70	PASS
B4	20	Mid	20175	1732.5	16QAM	18.00	19.66	PASS
B4	20	Mid	20175	1732.5	64QAM	18.00	19.77	PASS
B4	20	Mid	20175	1732.5	256QAM	17.99	19.58	PASS
B4	20	High	20300	1745	QPSK	18.02	19.76	PASS
B4	20	High	20300	1745	16QAM	18.03	19.74	PASS
B4	20	High	20300	1745	64QAM	18.03	19.81	PASS
B4	20	High	20300	1745	256QAM	17.94	19.84	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B5	1.4	Low	20407	824.7	QPSK	1.10	1.33	PASS
B5	1.4	Low	20407	824.7	16QAM	1.10	1.37	PASS
B5	1.4	Low	20407	824.7	64QAM	1.11	1.39	PASS
B5	1.4	Low	20407	824.7	256QAM	1.10	1.37	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.10	1.36	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.11	1.38	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.11	1.35	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.11	1.36	PASS
B5	1.4	High	20643	848.3	QPSK	1.10	1.35	PASS
B5	1.4	High	20643	848.3	16QAM	1.11	1.39	PASS
B5	1.4	High	20643	848.3	64QAM	1.11	1.37	PASS
B5	1.4	High	20643	848.3	256QAM	1.11	1.35	PASS
B5	3	Low	20415	825.5	QPSK	2.71	3.11	PASS
B5	3	Low	20415	825.5	16QAM	2.71	3.07	PASS
B5	3	Low	20415	825.5	64QAM	2.71	3.03	PASS
B5	3	Low	20415	825.5	256QAM	2.71	3.07	PASS
B5	3	Mid	20525	836.5	QPSK	2.71	3.07	PASS
B5	3	Mid	20525	836.5	16QAM	2.71	3.06	PASS
B5	3	Mid	20525	836.5	64QAM	2.72	3.07	PASS
B5	3	Mid	20525	836.5	256QAM	2.70	3.00	PASS
B5	3	High	20635	847.5	QPSK	2.71	3.08	PASS
B5	3	High	20635	847.5	16QAM	2.72	3.04	PASS
B5	3	High	20635	847.5	64QAM	2.71	3.08	PASS
B5	3	High	20635	847.5	256QAM	2.71	3.08	PASS
B5	5	Low	20425	826.5	QPSK	4.51	5.14	PASS
B5	5	Low	20425	826.5	16QAM	4.53	5.11	PASS
B5	5	Low	20425	826.5	64QAM	4.51	5.14	PASS
B5	5	Low	20425	826.5	256QAM	4.52	5.18	PASS
B5	5	Mid	20525	836.5	QPSK	4.52	5.15	PASS
B5	5	Mid	20525	836.5	16QAM	4.52	5.14	PASS
B5	5	Mid	20525	836.5	64QAM	4.53	5.10	PASS
B5	5	Mid	20525	836.5	256QAM	4.51	5.20	PASS
B5	5	High	20625	846.5	QPSK	4.53	5.17	PASS
B5	5	High	20625	846.5	16QAM	4.51	5.12	PASS
B5	5	High	20625	846.5	64QAM	4.52	5.08	PASS

B5	5	High	20625	846.5	256QAM	4.51	5.05	PASS
B5	10	Low	20450	829	QPSK	9.00	9.97	PASS
B5	10	Low	20450	829	16QAM	9.00	10.13	PASS
B5	10	Low	20450	829	64QAM	9.03	10.09	PASS
B5	10	Low	20450	829	256QAM	9.01	9.96	PASS
B5	10	Mid	20525	836.5	QPSK	8.99	9.99	PASS
B5	10	Mid	20525	836.5	16QAM	8.99	10.00	PASS
B5	10	Mid	20525	836.5	64QAM	8.98	10.07	PASS
B5	10	Mid	20525	836.5	256QAM	8.98	9.91	PASS
B5	10	High	20600	844	QPSK	8.99	9.80	PASS
B5	10	High	20600	844	16QAM	8.97	9.92	PASS
B5	10	High	20600	844	64QAM	9.01	9.98	PASS
B5	10	High	20600	844	256QAM	8.98	9.95	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B7	5	Low	20775	2502.5	QPSK	4.53	5.16	PASS
B7	5	Low	20775	2502.5	16QAM	4.52	5.22	PASS
B7	5	Low	20775	2502.5	64QAM	4.51	5.09	PASS
B7	5	Low	20775	2502.5	256QAM	4.52	5.15	PASS
B7	5	Mid	21100	2535	QPSK	4.53	5.12	PASS
B7	5	Mid	21100	2535	16QAM	4.51	5.19	PASS
B7	5	Mid	21100	2535	64QAM	4.53	5.18	PASS
B7	5	Mid	21100	2535	256QAM	4.51	5.10	PASS
B7	5	High	21425	2567.5	QPSK	4.53	5.16	PASS
B7	5	High	21425	2567.5	16QAM	4.51	5.11	PASS
B7	5	High	21425	2567.5	64QAM	4.52	5.12	PASS
B7	5	High	21425	2567.5	256QAM	4.52	5.15	PASS
B7	10	Low	20800	2505	QPSK	9.00	10.12	PASS
B7	10	Low	20800	2505	16QAM	9.04	10.01	PASS
B7	10	Low	20800	2505	64QAM	9.04	10.00	PASS
B7	10	Low	20800	2505	256QAM	9.02	10.05	PASS
B7	10	Mid	21100	2535	QPSK	9.02	10.02	PASS
B7	10	Mid	21100	2535	16QAM	9.03	10.07	PASS
B7	10	Mid	21100	2535	64QAM	9.00	10.08	PASS
B7	10	Mid	21100	2535	256QAM	8.99	10.09	PASS
B7	10	High	21400	2565	QPSK	9.00	9.96	PASS
B7	10	High	21400	2565	16QAM	9.01	10.08	PASS
B7	10	High	21400	2565	64QAM	9.01	10.05	PASS
B7	10	High	21400	2565	256QAM	8.99	9.96	PASS
B7	15	Low	20825	2507.5	QPSK	13.49	14.91	PASS
B7	15	Low	20825	2507.5	16QAM	13.49	14.85	PASS
B7	15	Low	20825	2507.5	64QAM	13.50	14.84	PASS
B7	15	Low	20825	2507.5	256QAM	13.49	14.87	PASS
B7	15	Mid	21100	2535	QPSK	13.49	14.90	PASS
B7	15	Mid	21100	2535	16QAM	13.48	14.88	PASS
B7	15	Mid	21100	2535	64QAM	13.48	14.81	PASS
B7	15	Mid	21100	2535	256QAM	13.50	14.96	PASS
B7	15	High	21375	2562.5	QPSK	13.48	14.79	PASS
B7	15	High	21375	2562.5	16QAM	13.47	14.98	PASS
B7	15	High	21375	2562.5	64QAM	13.46	14.87	PASS

B7	15	High	21375	2562.5	256QAM	13.46	14.85	PASS
B7	20	Low	20850	2510	QPSK	18.03	19.65	PASS
B7	20	Low	20850	2510	16QAM	18.01	19.82	PASS
B7	20	Low	20850	2510	64QAM	18.01	19.87	PASS
B7	20	Low	20850	2510	256QAM	18.00	19.70	PASS
B7	20	Mid	21100	2535	QPSK	17.99	19.94	PASS
B7	20	Mid	21100	2535	16QAM	17.98	19.78	PASS
B7	20	Mid	21100	2535	64QAM	17.98	19.68	PASS
B7	20	Mid	21100	2535	256QAM	17.95	19.87	PASS
B7	20	High	21350	2560	QPSK	17.98	19.77	PASS
B7	20	High	21350	2560	16QAM	17.98	19.70	PASS
B7	20	High	21350	2560	64QAM	17.99	19.68	PASS
B7	20	High	21350	2560	256QAM	17.98	19.79	PASS

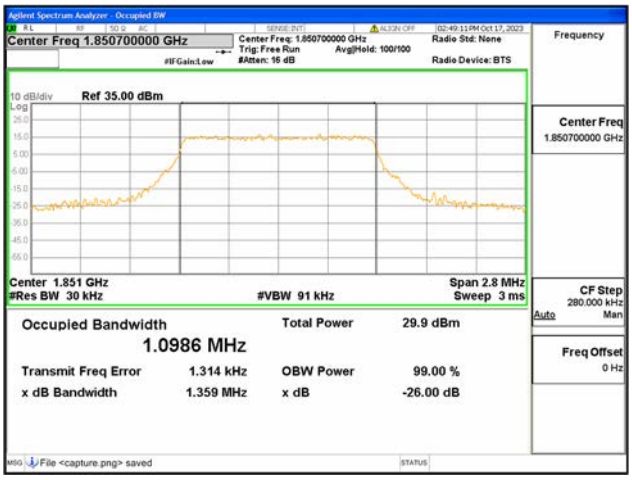
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B12	1.4	Low	23017	699.7	QPSK	1.10	1.39	PASS
B12	1.4	Low	23017	699.7	16QAM	1.11	1.38	PASS
B12	1.4	Low	23017	699.7	64QAM	1.10	1.38	PASS
B12	1.4	Low	23017	699.7	256QAM	1.10	1.33	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.10	1.34	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.11	1.37	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.10	1.36	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.10	1.36	PASS
B12	1.4	High	23173	715.3	QPSK	1.10	1.32	PASS
B12	1.4	High	23173	715.3	16QAM	1.11	1.34	PASS
B12	1.4	High	23173	715.3	64QAM	1.11	1.37	PASS
B12	1.4	High	23173	715.3	256QAM	1.10	1.34	PASS
B12	3	Low	23025	700.5	QPSK	2.71	3.07	PASS
B12	3	Low	23025	700.5	16QAM	2.74	3.07	PASS
B12	3	Low	23025	700.5	64QAM	2.71	3.07	PASS
B12	3	Low	23025	700.5	256QAM	2.72	3.04	PASS
B12	3	Mid	23095	707.5	QPSK	2.71	3.07	PASS
B12	3	Mid	23095	707.5	16QAM	2.72	3.06	PASS
B12	3	Mid	23095	707.5	64QAM	2.72	3.05	PASS
B12	3	Mid	23095	707.5	256QAM	2.72	3.07	PASS
B12	3	High	23165	714.5	QPSK	2.72	3.02	PASS
B12	3	High	23165	714.5	16QAM	2.71	3.06	PASS
B12	3	High	23165	714.5	64QAM	2.72	3.06	PASS
B12	3	High	23165	714.5	256QAM	2.72	3.09	PASS
B12	5	Low	23035	701.5	QPSK	4.52	5.19	PASS
B12	5	Low	23035	701.5	16QAM	4.52	5.10	PASS
B12	5	Low	23035	701.5	64QAM	4.52	5.14	PASS
B12	5	Low	23035	701.5	256QAM	4.51	5.15	PASS
B12	5	Mid	23095	707.5	QPSK	4.52	5.20	PASS
B12	5	Mid	23095	707.5	16QAM	4.52	5.15	PASS
B12	5	Mid	23095	707.5	64QAM	4.53	5.18	PASS
B12	5	Mid	23095	707.5	256QAM	4.53	5.15	PASS
B12	5	High	23155	713.5	QPSK	4.51	5.16	PASS
B12	5	High	23155	713.5	16QAM	4.52	5.13	PASS
B12	5	High	23155	713.5	64QAM	4.52	5.16	PASS

B12	5	High	23155	713.5	256QAM	4.51	5.08	PASS
B12	10	Low	23060	704	QPSK	9.02	10.03	PASS
B12	10	Low	23060	704	16QAM	8.99	10.00	PASS
B12	10	Low	23060	704	64QAM	9.00	9.97	PASS
B12	10	Low	23060	704	256QAM	8.99	9.85	PASS
B12	10	Mid	23095	707.5	QPSK	9.03	10.04	PASS
B12	10	Mid	23095	707.5	16QAM	8.99	10.09	PASS
B12	10	Mid	23095	707.5	64QAM	9.04	9.94	PASS
B12	10	Mid	23095	707.5	256QAM	9.02	9.91	PASS
B12	10	High	23130	711	QPSK	8.96	9.73	PASS
B12	10	High	23130	711	16QAM	9.00	9.90	PASS
B12	10	High	23130	711	64QAM	8.98	10.00	PASS
B12	10	High	23130	711	256QAM	8.99	10.06	PASS

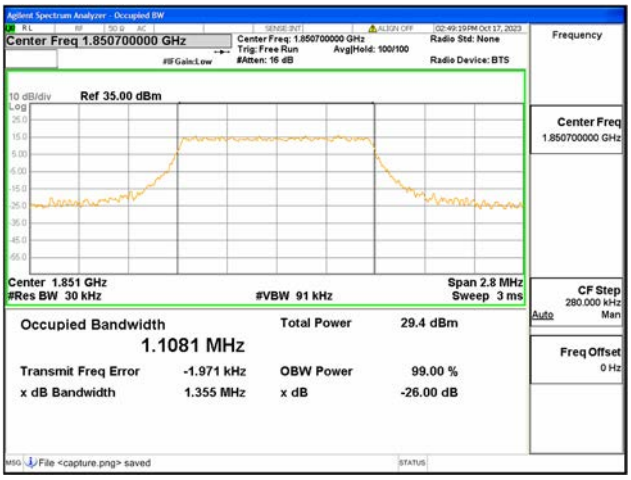
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B13	5	Low	23205	779.5	QPSK	4.52	5.04	PASS
B13	5	Low	23205	779.5	16QAM	4.51	5.08	PASS
B13	5	Low	23205	779.5	64QAM	4.51	5.07	PASS
B13	5	Low	23205	779.5	256QAM	4.50	5.10	PASS
B13	5	Mid	23230	782	QPSK	4.52	5.18	PASS
B13	5	Mid	23230	782	16QAM	4.53	5.07	PASS
B13	5	Mid	23230	782	64QAM	4.51	5.09	PASS
B13	5	Mid	23230	782	256QAM	4.50	5.04	PASS
B13	5	High	23255	784.5	QPSK	4.53	5.20	PASS
B13	5	High	23255	784.5	16QAM	4.52	5.09	PASS
B13	5	High	23255	784.5	64QAM	4.52	5.26	PASS
B13	5	High	23255	784.5	256QAM	4.52	5.13	PASS
B13	10	Mid	23230	782	QPSK	8.97	9.87	PASS
B13	10	Mid	23230	782	16QAM	8.96	9.92	PASS
B13	10	Mid	23230	782	64QAM	8.96	9.94	PASS
B13	10	Mid	23230	782	256QAM	8.98	9.91	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B66	1.4	Low	131979	1710.7	QPSK	1.10	1.35	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.11	1.35	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.10	1.35	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.10	1.37	PASS
B66	1.4	Mid	132322	1745	QPSK	1.10	1.35	PASS
B66	1.4	Mid	132322	1745	16QAM	1.11	1.36	PASS
B66	1.4	Mid	132322	1745	64QAM	1.10	1.35	PASS
B66	1.4	Mid	132322	1745	256QAM	1.11	1.35	PASS
B66	1.4	High	132665	1779.3	QPSK	1.10	1.34	PASS
B66	1.4	High	132665	1779.3	16QAM	1.11	1.38	PASS
B66	1.4	High	132665	1779.3	64QAM	1.10	1.36	PASS
B66	1.4	High	132665	1779.3	256QAM	1.10	1.37	PASS
B66	3	Low	131987	1711.5	QPSK	2.72	3.08	PASS
B66	3	Low	131987	1711.5	16QAM	2.71	3.05	PASS
B66	3	Low	131987	1711.5	64QAM	2.71	3.04	PASS
B66	3	Low	131987	1711.5	256QAM	2.71	3.06	PASS
B66	3	Mid	132322	1745	QPSK	2.71	3.06	PASS
B66	3	Mid	132322	1745	16QAM	2.71	3.07	PASS
B66	3	Mid	132322	1745	64QAM	2.72	3.04	PASS
B66	3	Mid	132322	1745	256QAM	2.72	3.02	PASS
B66	3	High	132657	1778.5	QPSK	2.71	3.08	PASS
B66	3	High	132657	1778.5	16QAM	2.73	3.06	PASS
B66	3	High	132657	1778.5	64QAM	2.72	3.07	PASS
B66	3	High	132657	1778.5	256QAM	2.72	3.08	PASS
B66	5	Low	131997	1712.5	QPSK	4.52	5.12	PASS
B66	5	Low	131997	1712.5	16QAM	4.51	5.03	PASS
B66	5	Low	131997	1712.5	64QAM	4.54	5.10	PASS
B66	5	Low	131997	1712.5	256QAM	4.52	5.18	PASS
B66	5	Mid	132322	1745	QPSK	4.52	5.15	PASS
B66	5	Mid	132322	1745	16QAM	4.53	5.16	PASS
B66	5	Mid	132322	1745	64QAM	4.53	5.09	PASS
B66	5	Mid	132322	1745	256QAM	4.51	5.12	PASS
B66	5	High	132647	1777.5	QPSK	4.52	4.99	PASS
B66	5	High	132647	1777.5	16QAM	4.52	5.14	PASS
B66	5	High	132647	1777.5	64QAM	4.50	5.11	PASS

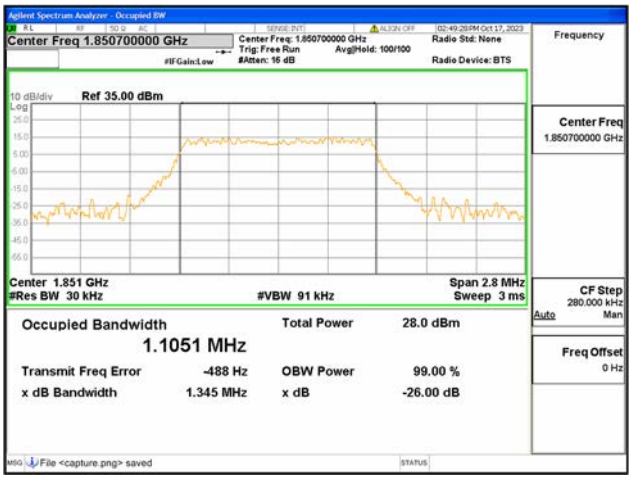
B66	5	High	132647	1777.5	256QAM	4.52	5.16	PASS
B66	10	Low	132022	1715	QPSK	9.02	10.00	PASS
B66	10	Low	132022	1715	16QAM	9.05	10.00	PASS
B66	10	Low	132022	1715	64QAM	9.00	10.03	PASS
B66	10	Low	132022	1715	256QAM	9.00	10.06	PASS
B66	10	Mid	132322	1745	QPSK	8.99	10.05	PASS
B66	10	Mid	132322	1745	16QAM	9.05	9.94	PASS
B66	10	Mid	132322	1745	64QAM	9.01	10.13	PASS
B66	10	Mid	132322	1745	256QAM	9.01	10.02	PASS
B66	10	High	132622	1775	QPSK	9.00	9.95	PASS
B66	10	High	132622	1775	16QAM	8.99	10.00	PASS
B66	10	High	132622	1775	64QAM	9.00	9.99	PASS
B66	10	High	132622	1775	256QAM	9.01	9.97	PASS
B66	15	Low	132047	1717.5	QPSK	13.49	14.85	PASS
B66	15	Low	132047	1717.5	16QAM	13.49	14.74	PASS
B66	15	Low	132047	1717.5	64QAM	13.46	14.77	PASS
B66	15	Low	132047	1717.5	256QAM	13.50	14.82	PASS
B66	15	Mid	132322	1745	QPSK	13.49	14.96	PASS
B66	15	Mid	132322	1745	16QAM	13.50	14.85	PASS
B66	15	Mid	132322	1745	64QAM	13.52	14.97	PASS
B66	15	Mid	132322	1745	256QAM	13.47	14.85	PASS
B66	15	High	132597	1772.5	QPSK	13.51	14.90	PASS
B66	15	High	132597	1772.5	16QAM	13.51	14.77	PASS
B66	15	High	132597	1772.5	64QAM	13.49	14.90	PASS
B66	15	High	132597	1772.5	256QAM	13.52	14.79	PASS
B66	20	Low	132072	1720	QPSK	17.98	19.77	PASS
B66	20	Low	132072	1720	16QAM	17.96	19.79	PASS
B66	20	Low	132072	1720	64QAM	17.97	19.70	PASS
B66	20	Low	132072	1720	256QAM	17.93	19.67	PASS
B66	20	Mid	132322	1745	QPSK	18.00	19.70	PASS
B66	20	Mid	132322	1745	16QAM	17.98	19.80	PASS
B66	20	Mid	132322	1745	64QAM	18.03	19.79	PASS
B66	20	Mid	132322	1745	256QAM	18.00	19.73	PASS
B66	20	High	132572	1770	QPSK	18.03	19.80	PASS
B66	20	High	132572	1770	16QAM	18.01	19.79	PASS
B66	20	High	132572	1770	64QAM	18.01	19.74	PASS
B66	20	High	132572	1770	256QAM	17.97	19.74	PASS



B2 / 1.4MHz / QPSK/ Low CH

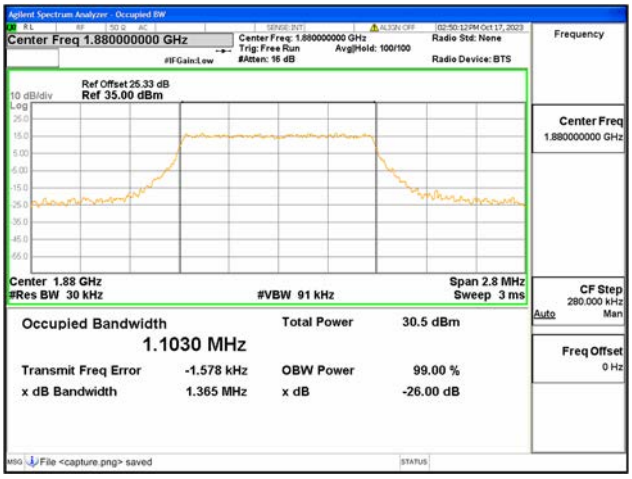


B2 / 1.4MHz / 16QAM/ Low CH

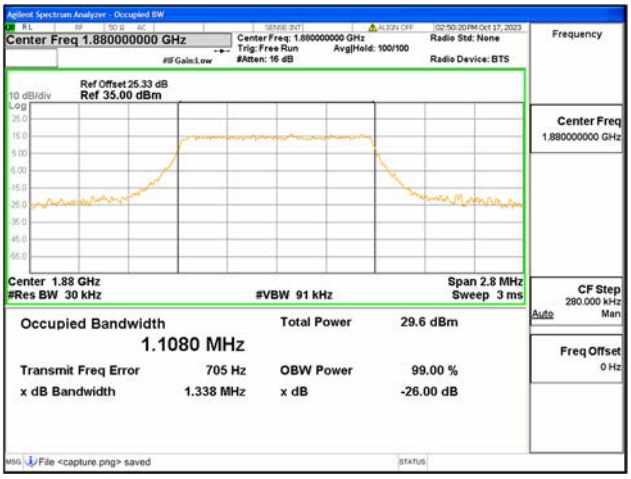


B2 / 1.4MHz / 64QAM/ Low CH

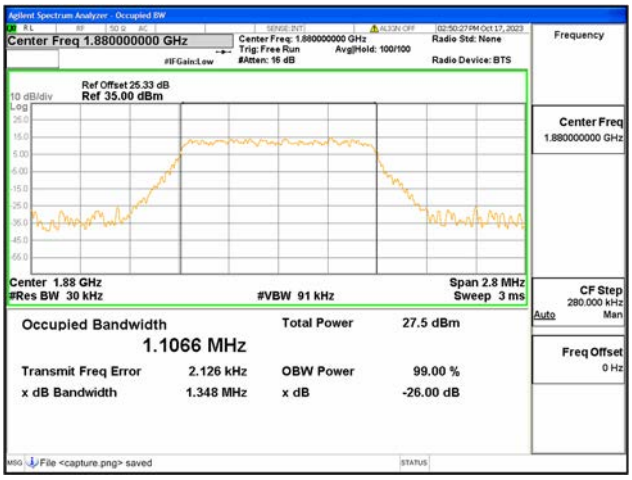
B2 / 1.4MHz / 256QAM/ Low CH



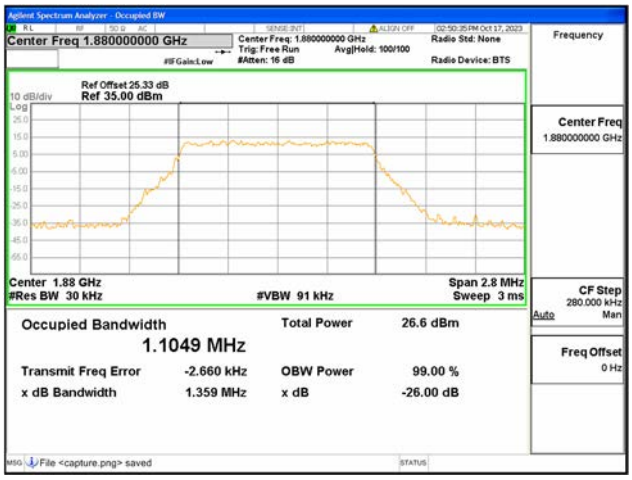
B2 / 1.4MHz / QPSK/ Mid CH



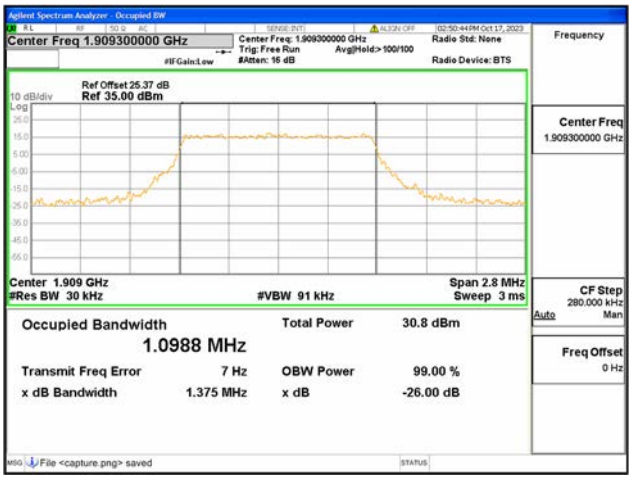
B2 / 1.4MHz / 16QAM/ Mid CH



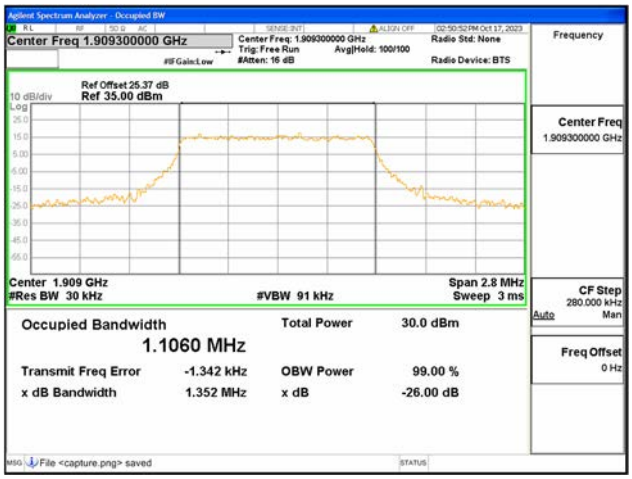
B2 / 1.4MHz / 64QAM/ Mid CH



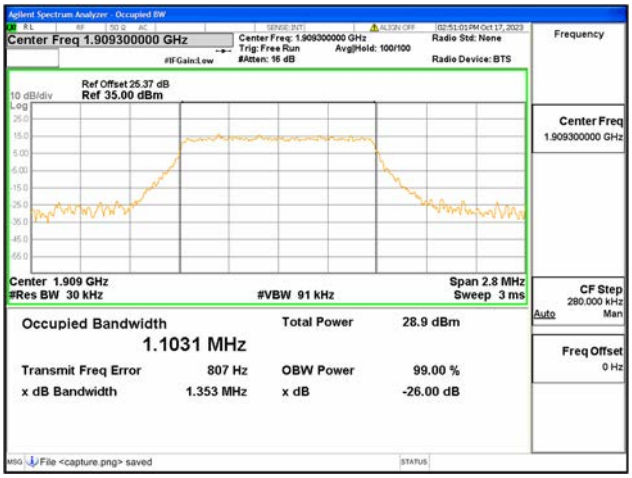
B2 / 1.4MHz / 256QAM/ Mid CH



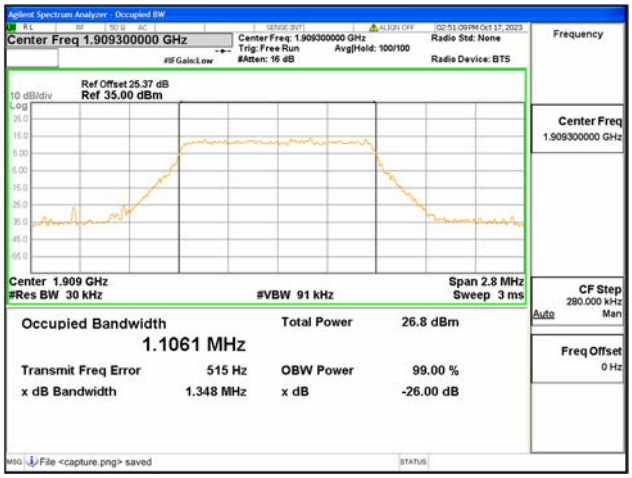
B2 / 1.4MHz / QPSK/ High CH



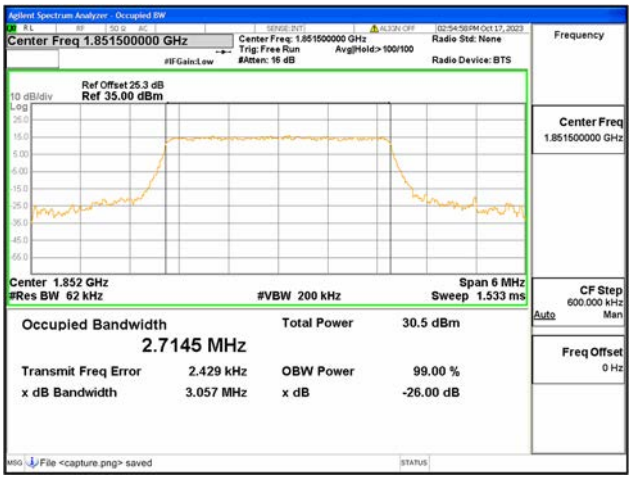
B2 / 1.4MHz / 16QAM/ High CH



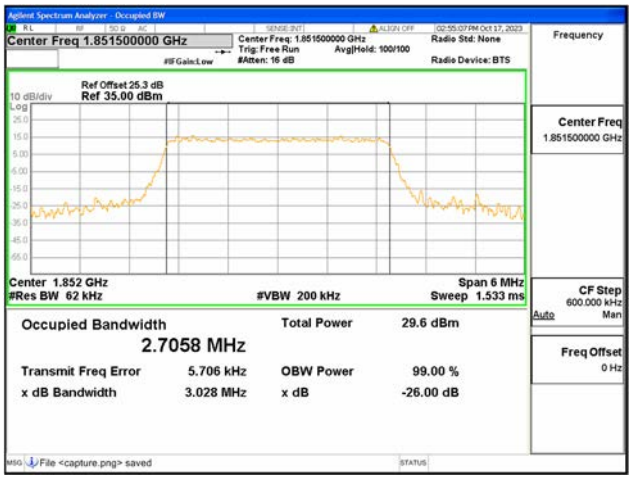
B2 / 1.4MHz / 64QAM/ High CH



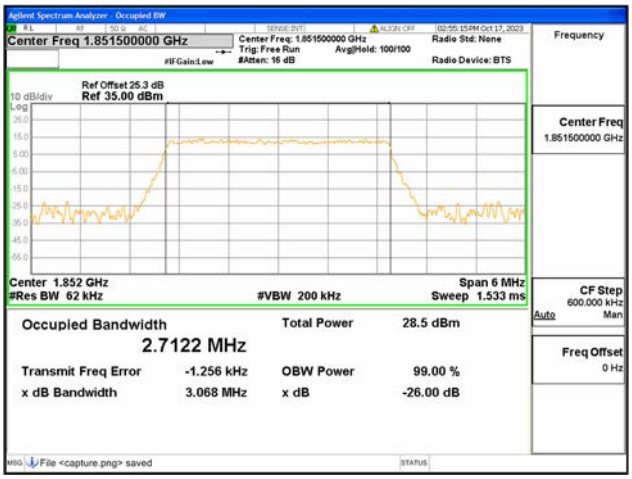
B2 / 1.4MHz / 256QAM/ High CH



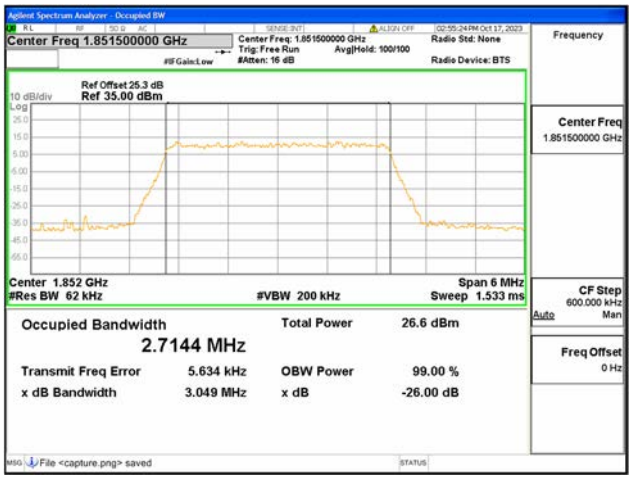
B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH

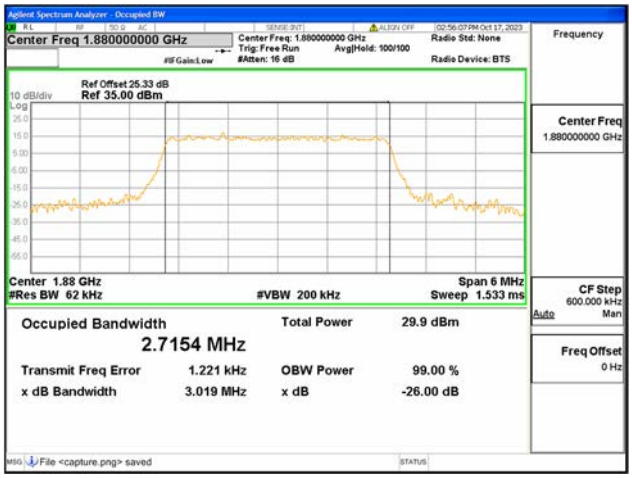


B2 / 3MHz / 64QAM/ Low CH

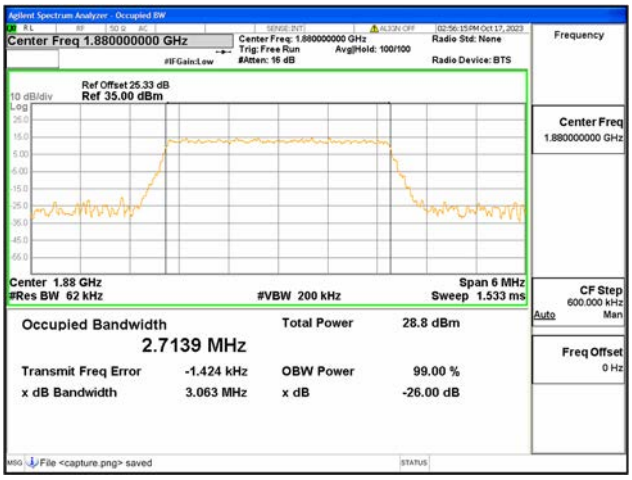


B2 / 3MHz / 256QAM/ Low CH

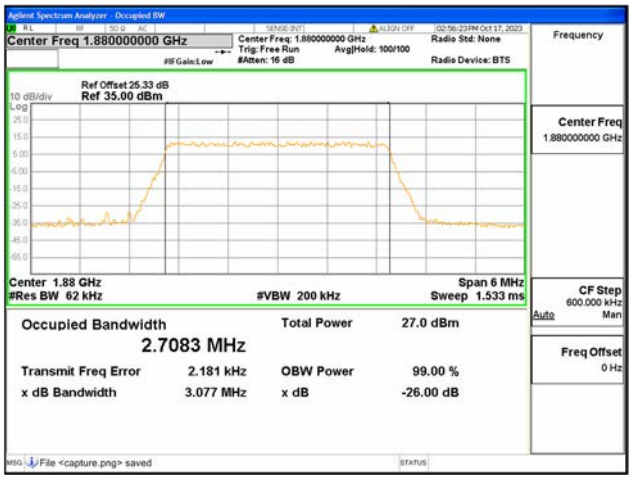
B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH

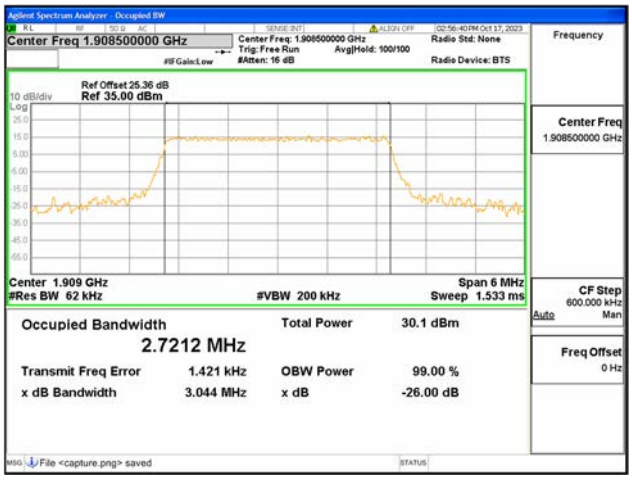


B2 / 3MHz / 64QAM/ Mid CH

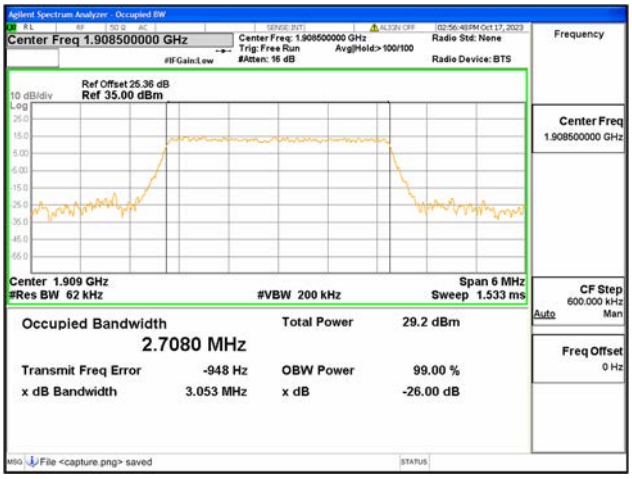


B2 / 3MHz / 256QAM/ Mid CH

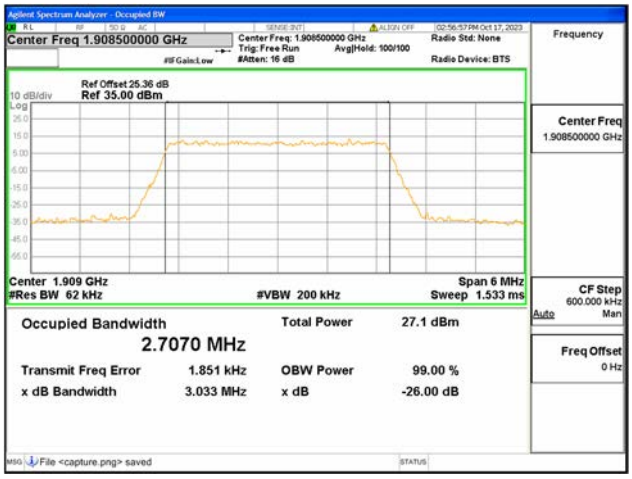
B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



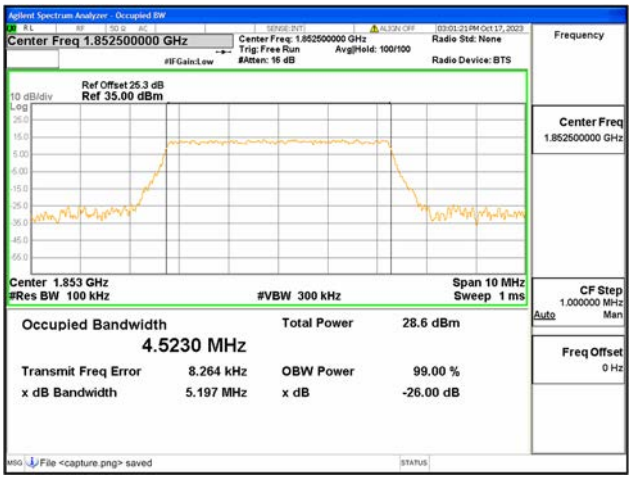
B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / 256QAM/ High CH

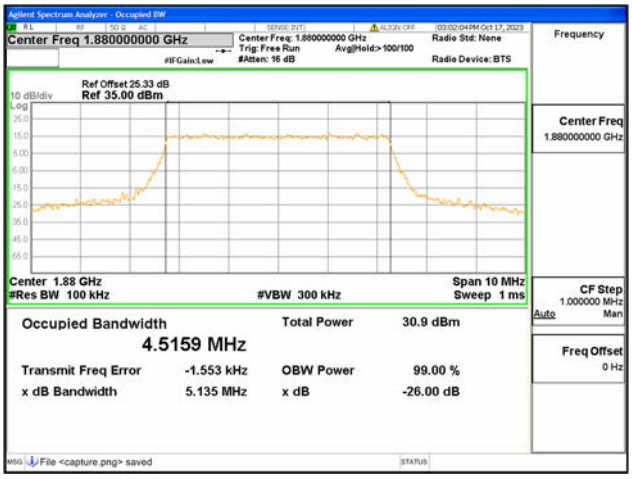
B2 / 5MHz / QPSK/ Low CH

B2 / 5MHz / 16QAM/ Low CH

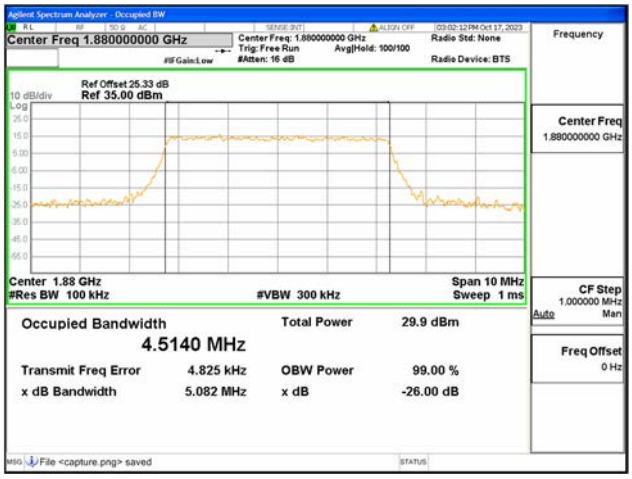


B2 / 5MHz / 64QAM/ Low CH

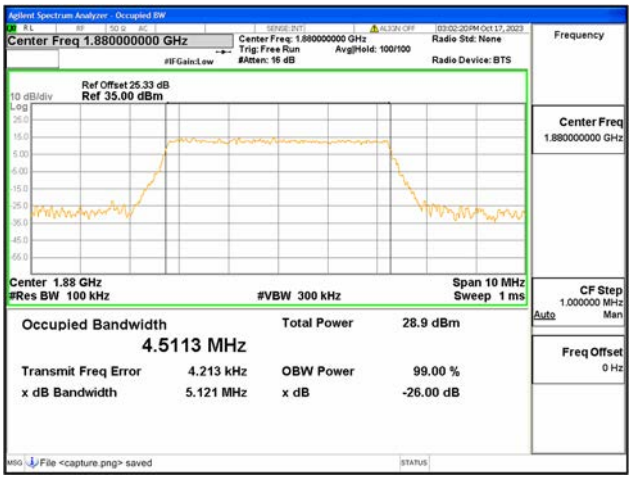
B2 / 5MHz / 256QAM/ Low CH



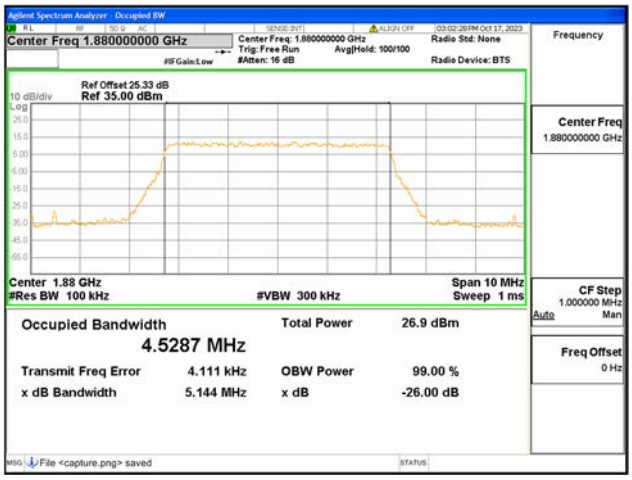
B2 / 5MHz / QPSK/ Mid CH



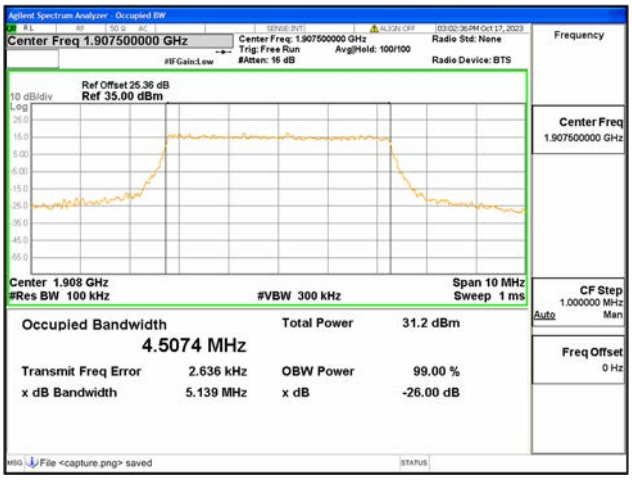
B2 / 5MHz / 16QAM/ Mid CH



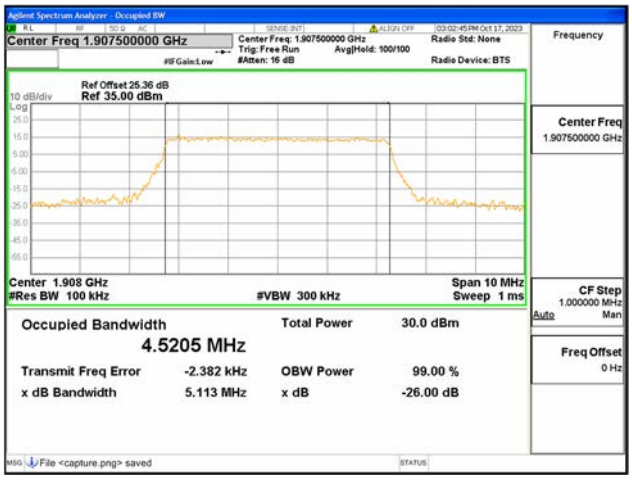
B2 / 5MHz / 64QAM/ Mid CH



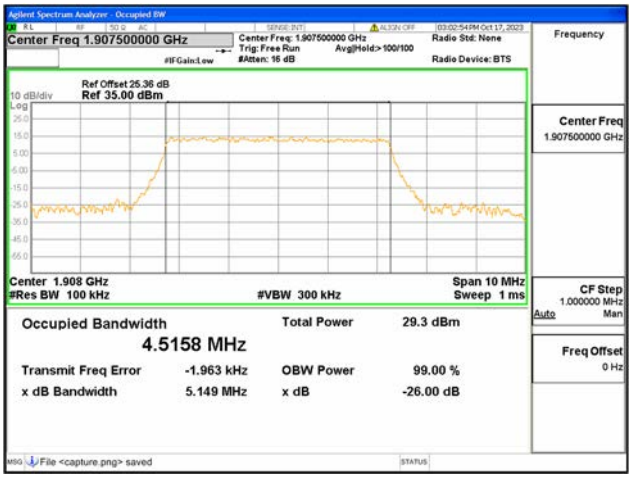
B2 / 5MHz / 256QAM/ Mid CH



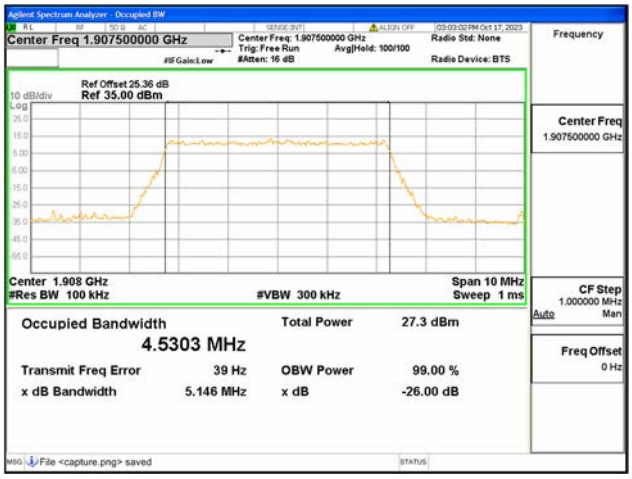
B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH

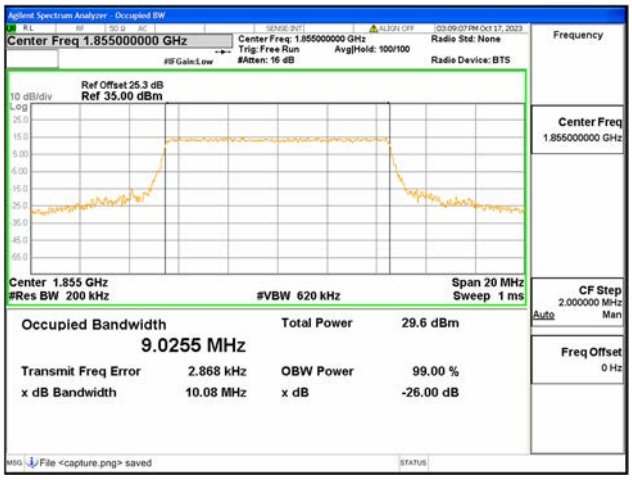


B2 / 5MHz / 64QAM/ High CH

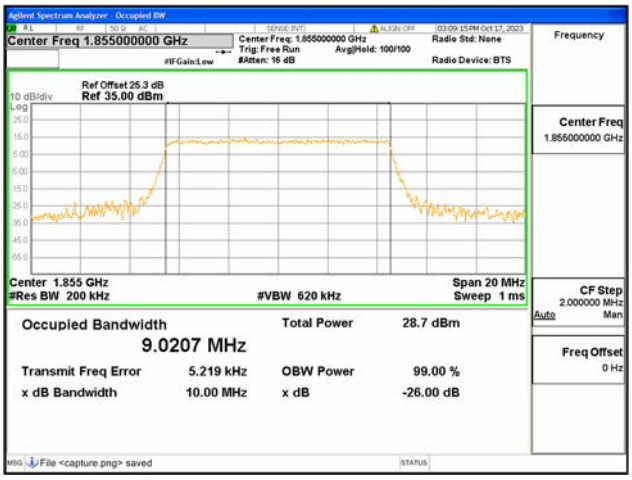


B2 / 5MHz / 256QAM/ High CH

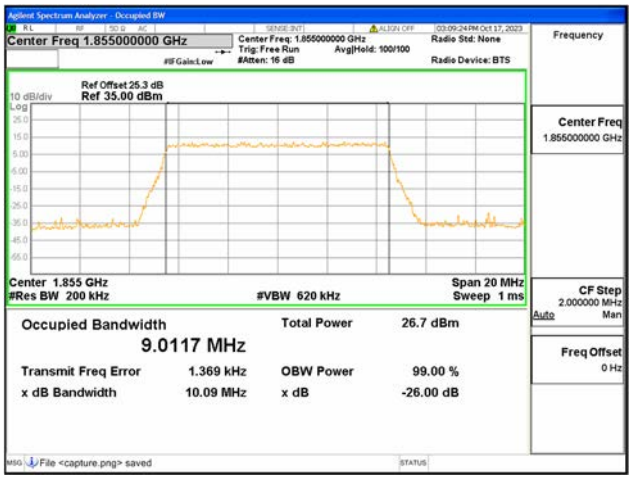
B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH

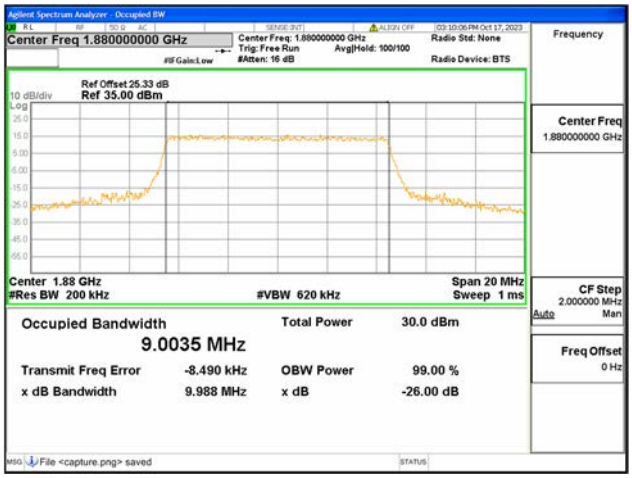


B2 / 10MHz / 64QAM/ Low CH

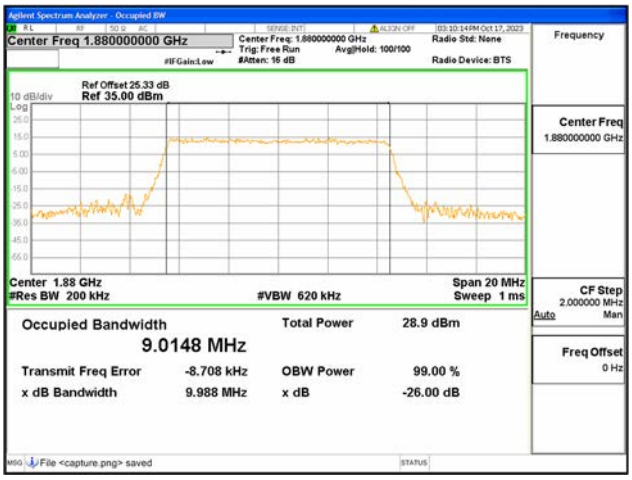


B2 / 10MHz / 256QAM/ Low CH

B2 / 10MHz / QPSK/ Mid CH

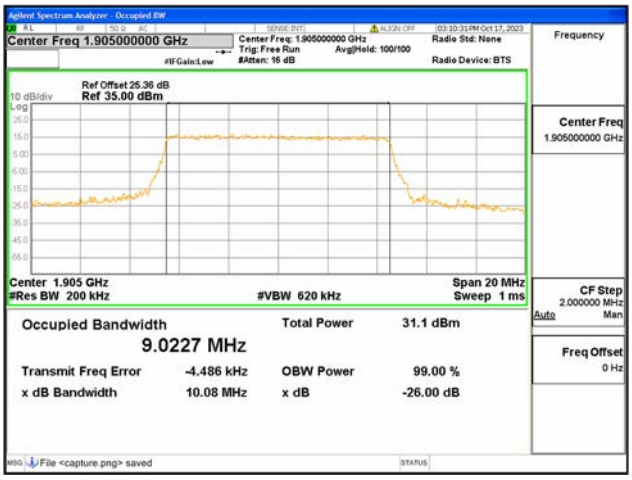


B2 / 10MHz / 16QAM/ Mid CH

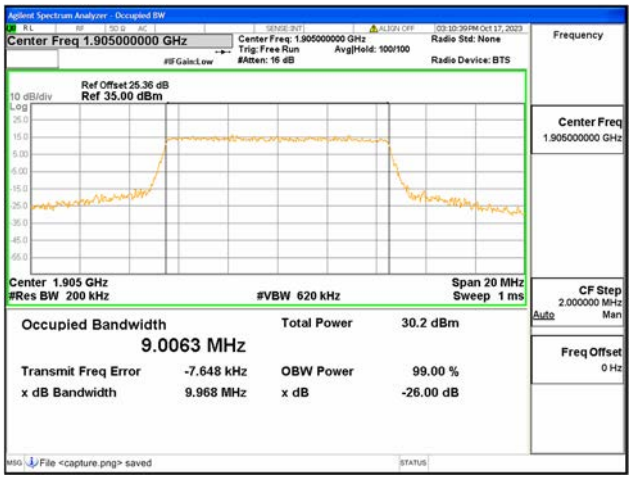


B2 / 10MHz / 64QAM/ Mid CH

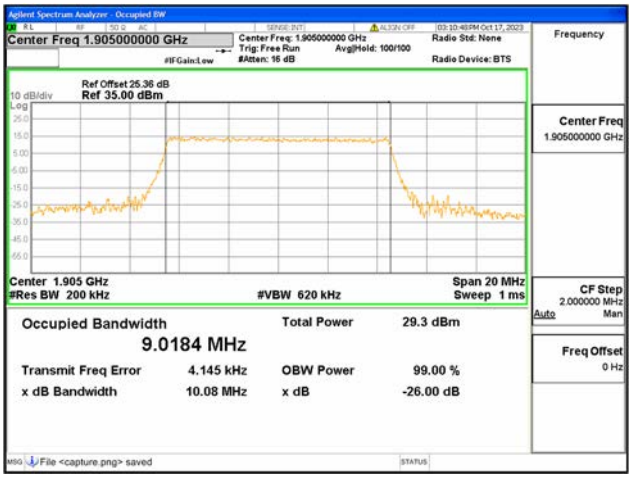
B2 / 10MHz / 256QAM/ Mid CH



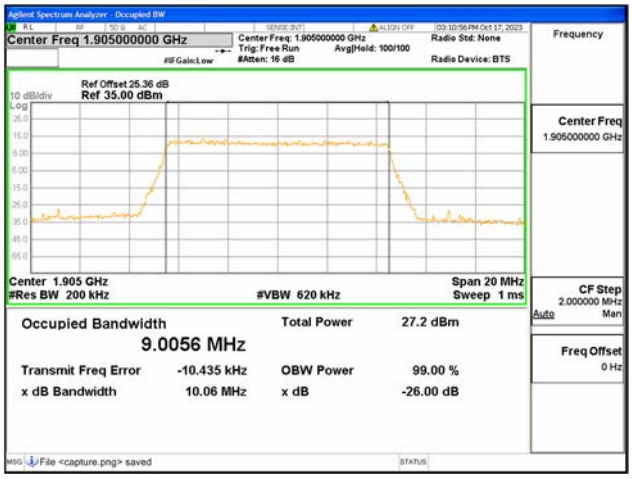
B2 / 10MHz / QPSK/ High CH



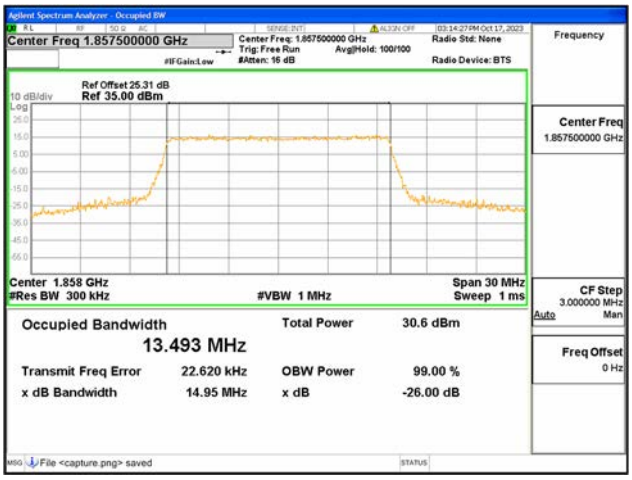
B2 / 10MHz / 16QAM/ High CH



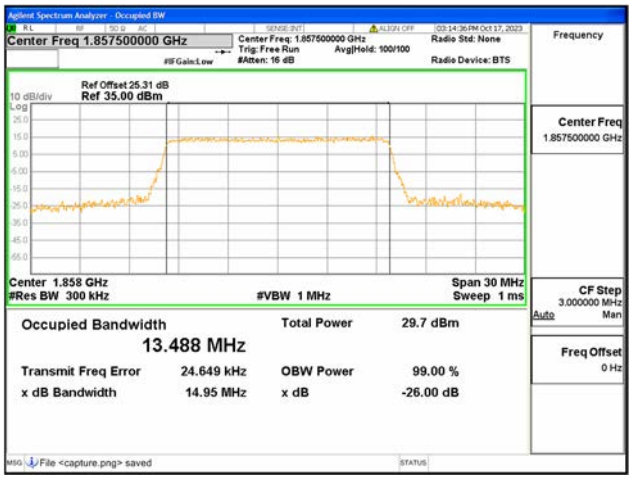
B2 / 10MHz / 64QAM/ High CH



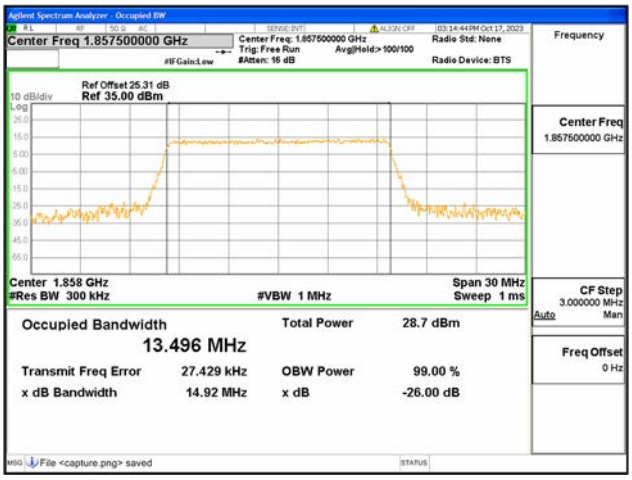
B2 / 10MHz / 256QAM/ High CH



B2 / 15MHz / QPSK/ Low CH

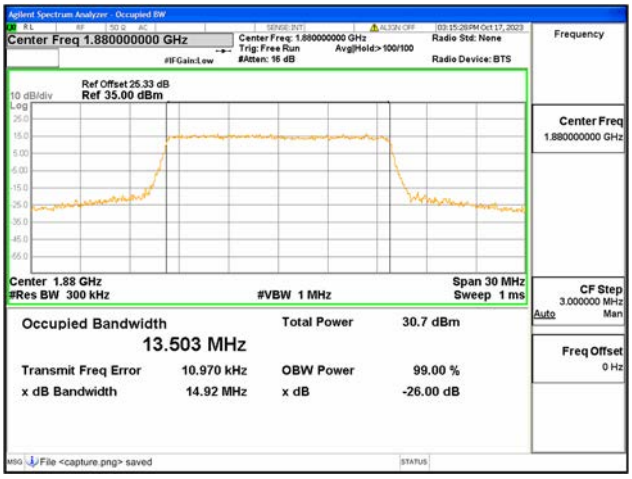


B2 / 15MHz / 16QAM/ Low CH

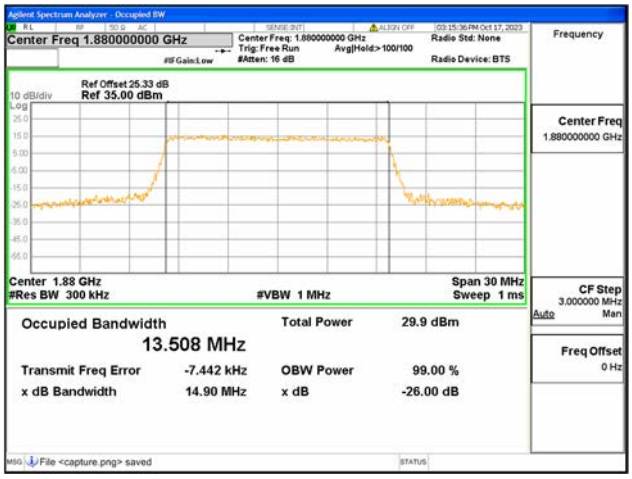


B2 / 15MHz / 64QAM/ Low CH

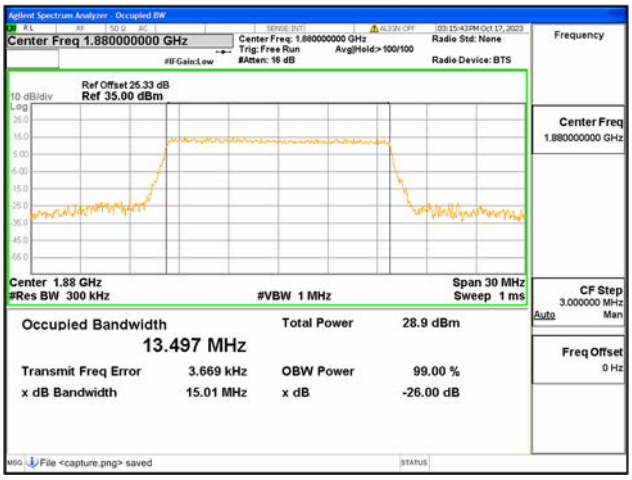
B2 / 15MHz / 256QAM/ Low CH



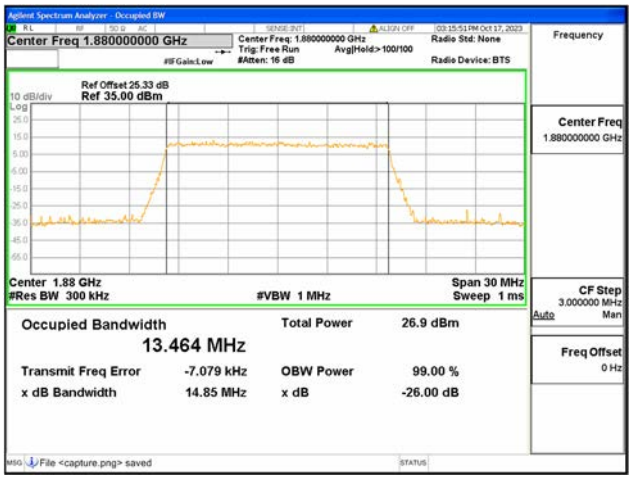
B2 / 15MHz / QPSK/ Mid CH



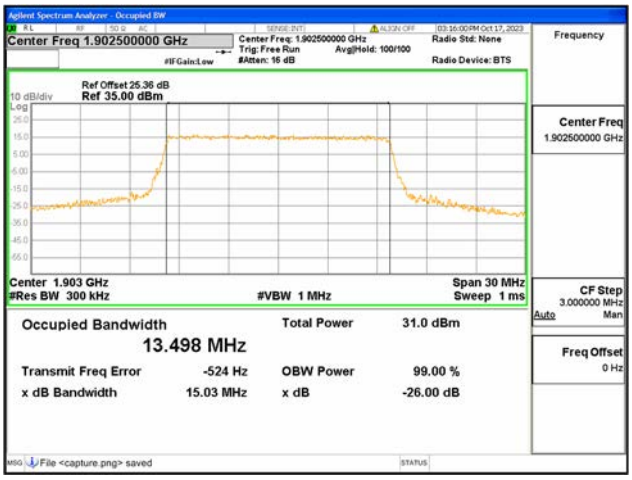
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH

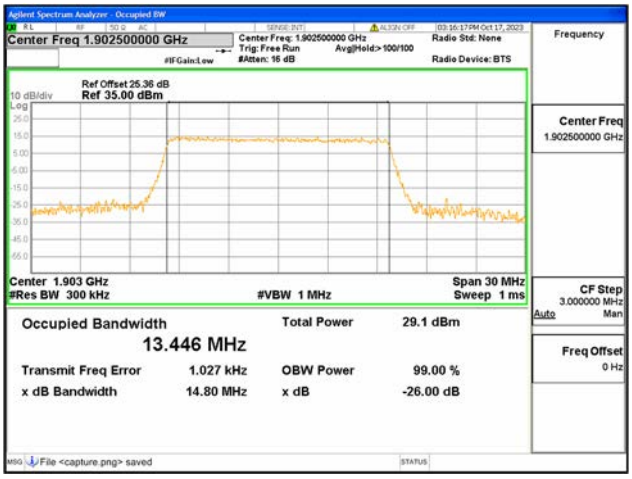


B2 / 15MHz / 256QAM/ Mid CH

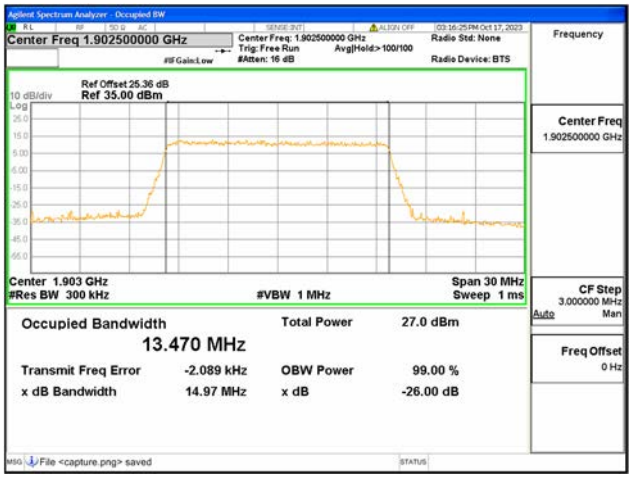


B2 / 15MHz / QPSK/ High CH

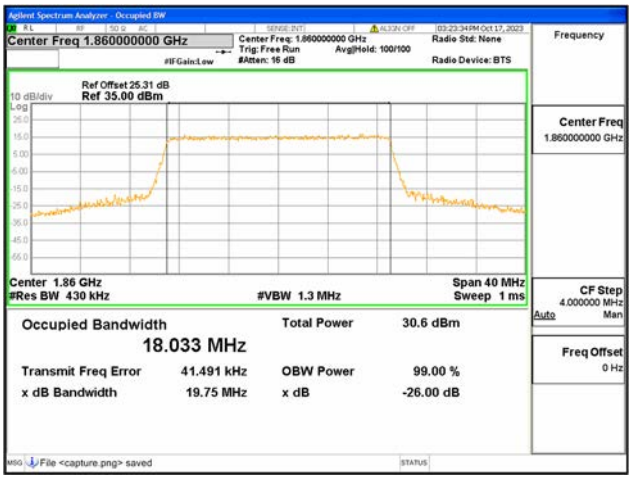
B2 / 15MHz / 16QAM/ High CH



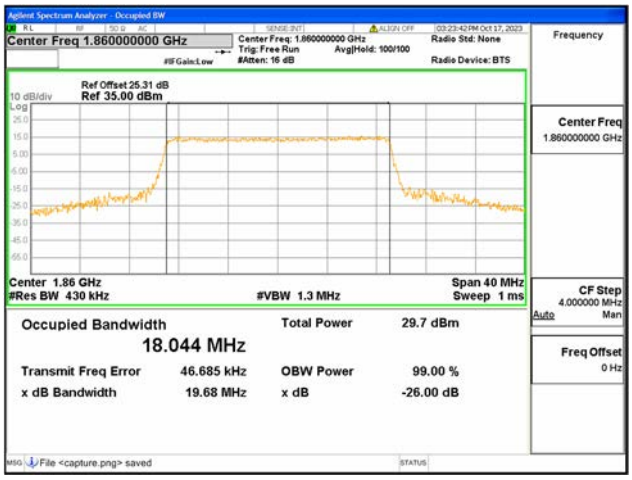
B2 / 15MHz / 64QAM/ High CH



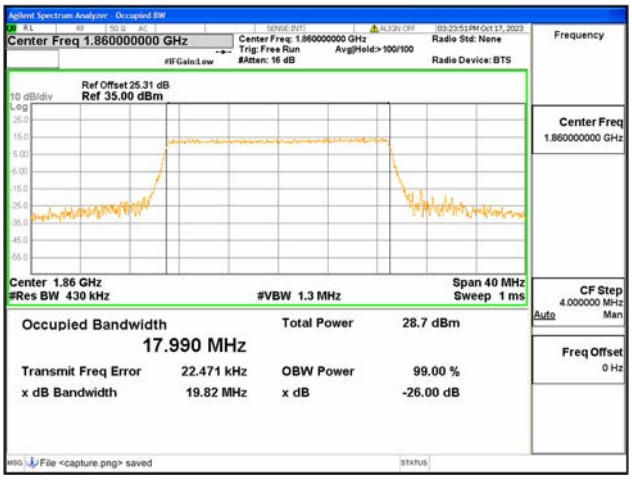
B2 / 15MHz / 256QAM/ High CH



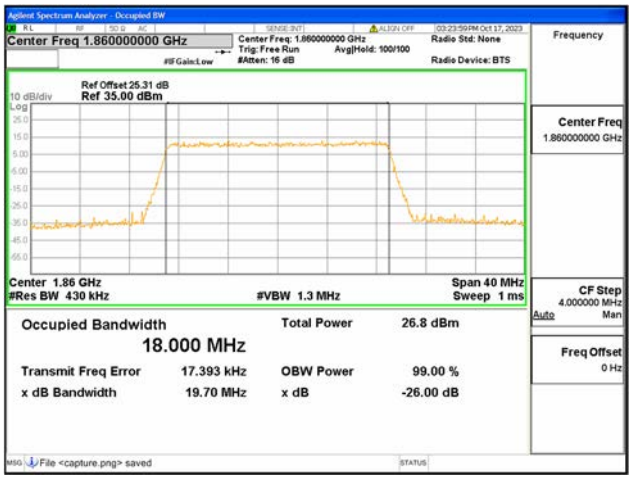
B2 / 20MHz / QPSK/ Low CH



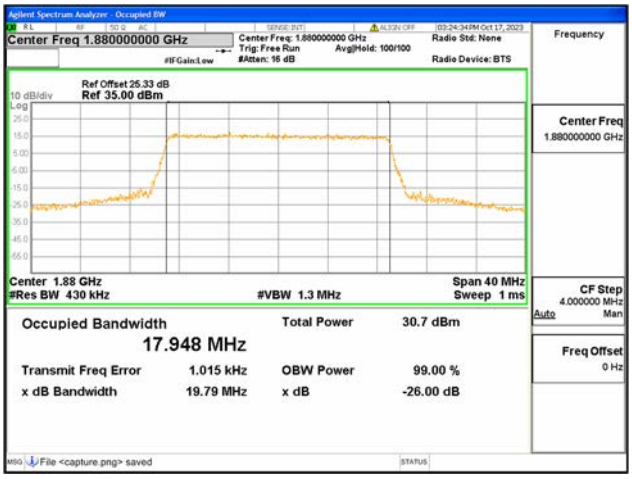
B2 / 20MHz / 16QAM/ Low CH



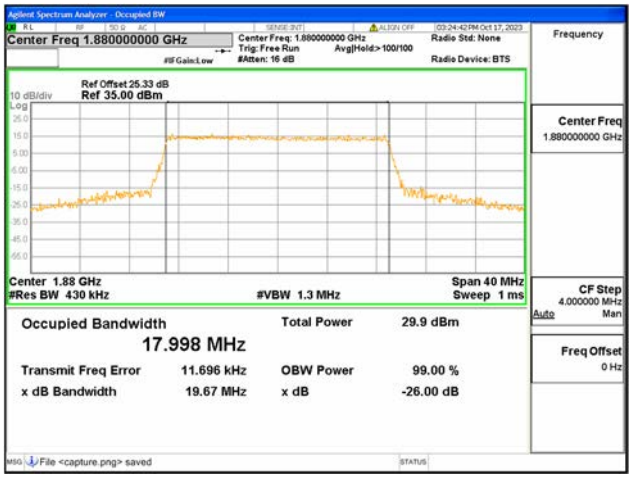
B2 / 20MHz / 64QAM/ Low CH



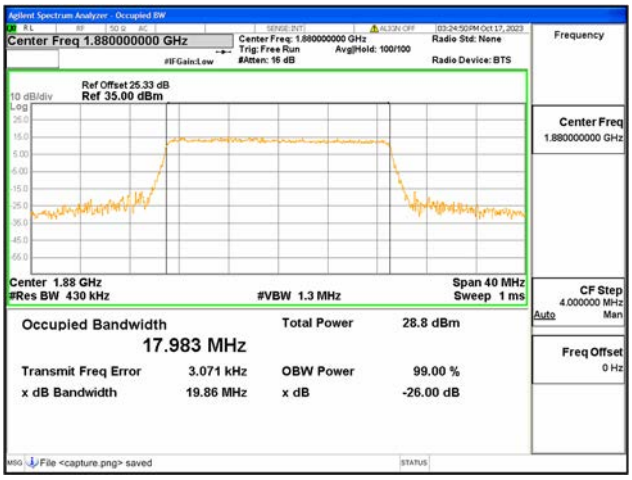
B2 / 20MHz / 256QAM/ Low CH



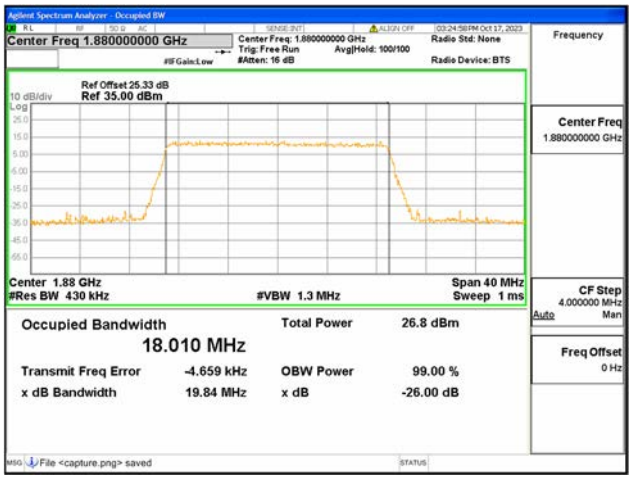
B2 / 20MHz / QPSK/ Mid CH



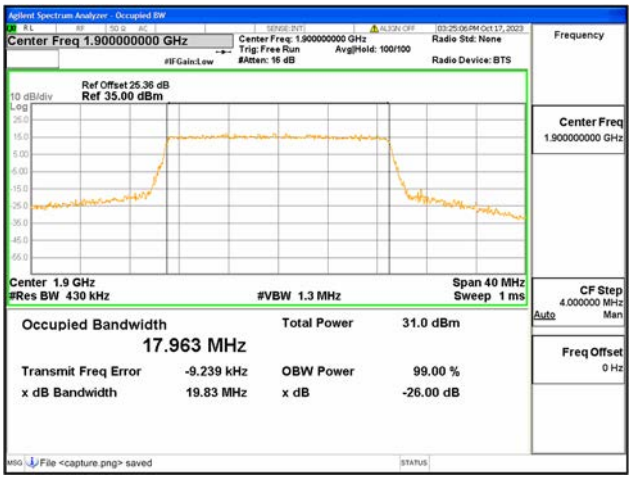
B2 / 20MHz / 16QAM/ Mid CH



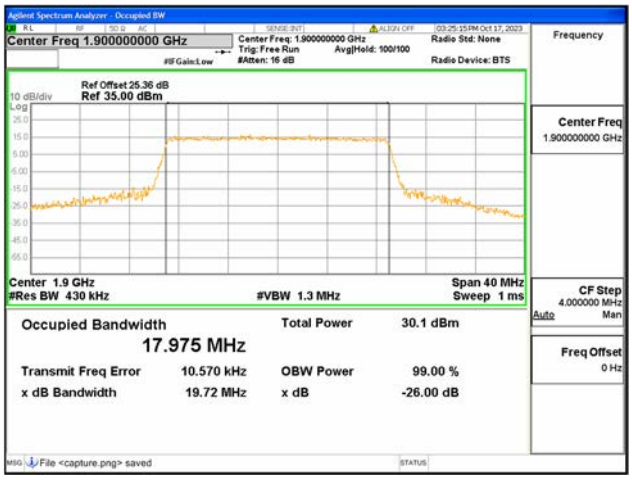
B2 / 20MHz / 64QAM/ Mid CH



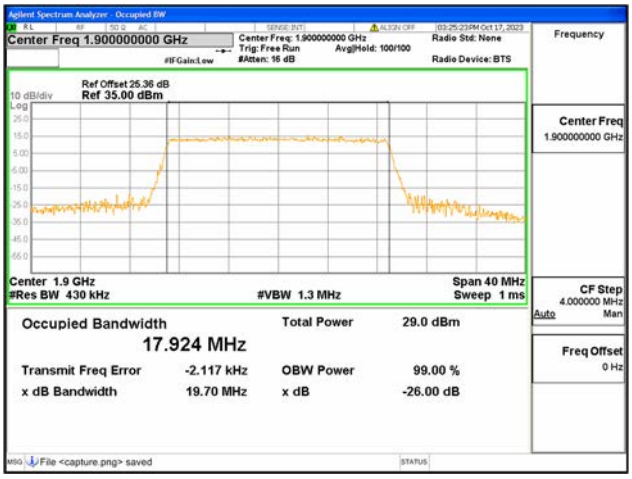
B2 / 20MHz / 256QAM/ Mid CH



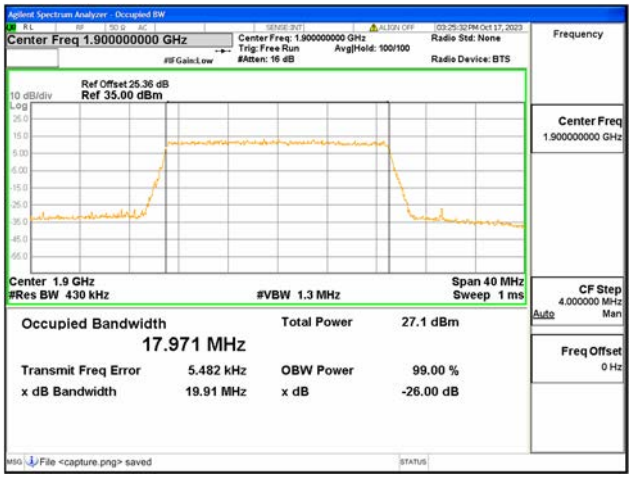
B2 / 20MHz / QPSK/ High CH



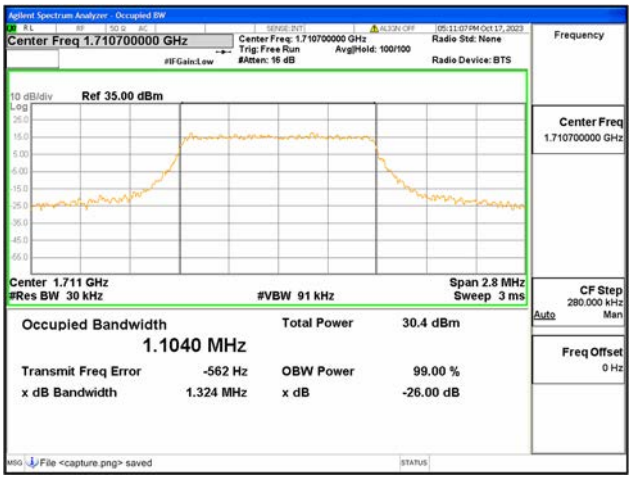
B2 / 20MHz / 16QAM/ High CH



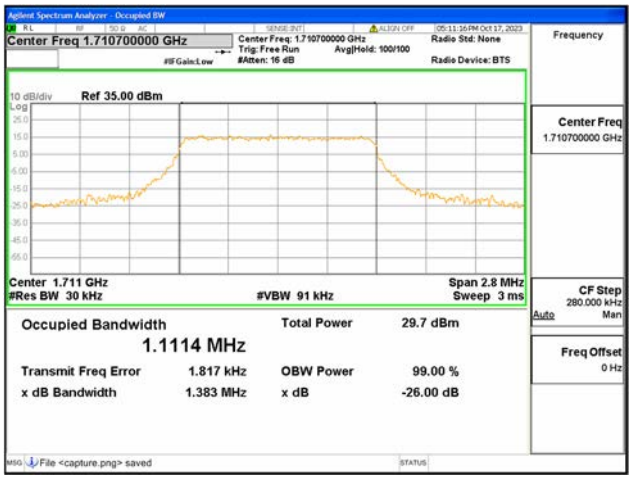
B2 / 20MHz / 64QAM/ High CH



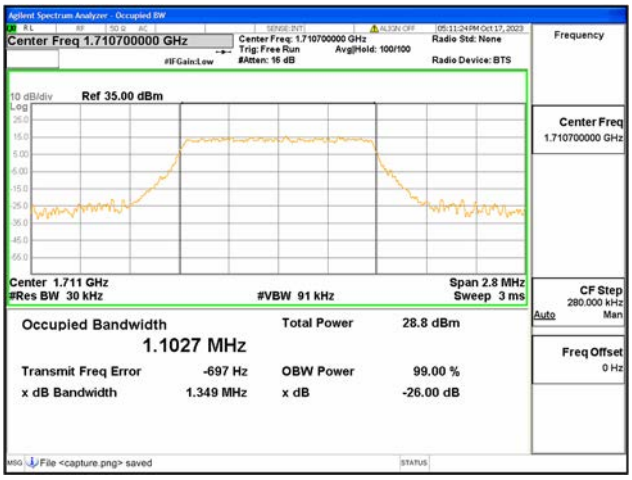
B2 / 20MHz / 256QAM/ High CH



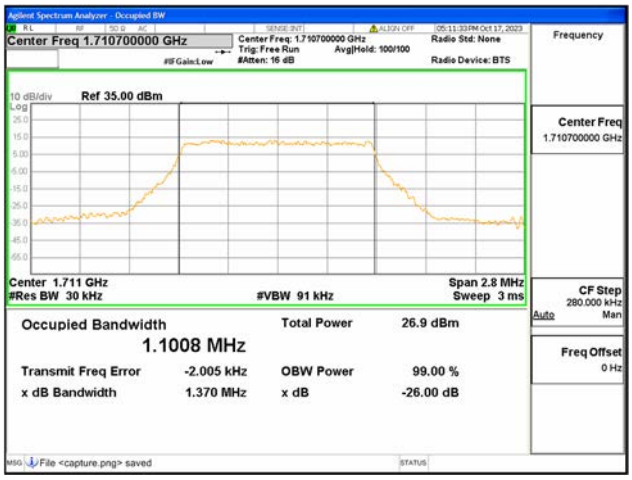
B4 / 1.4MHz / QPSK/ Low CH



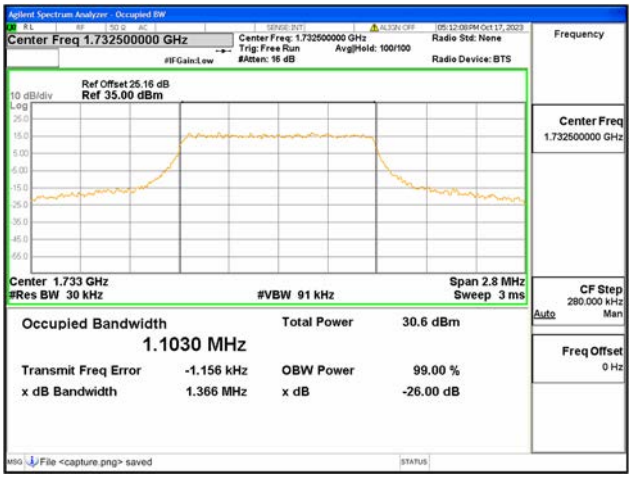
B4 / 1.4MHz / 16QAM/ Low CH



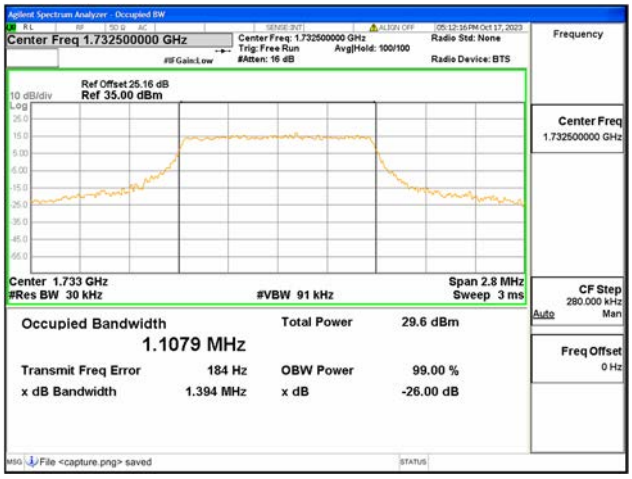
B4 / 1.4MHz / 64QAM/ Low CH



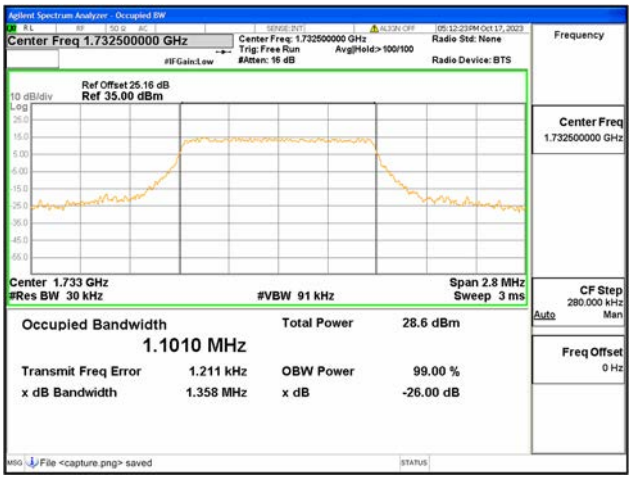
B4 / 1.4MHz / 256QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH

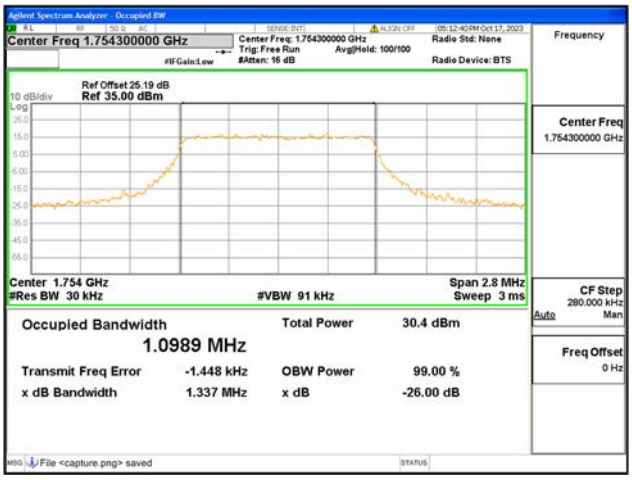


B4 / 1.4MHz / 16QAM/ Mid CH

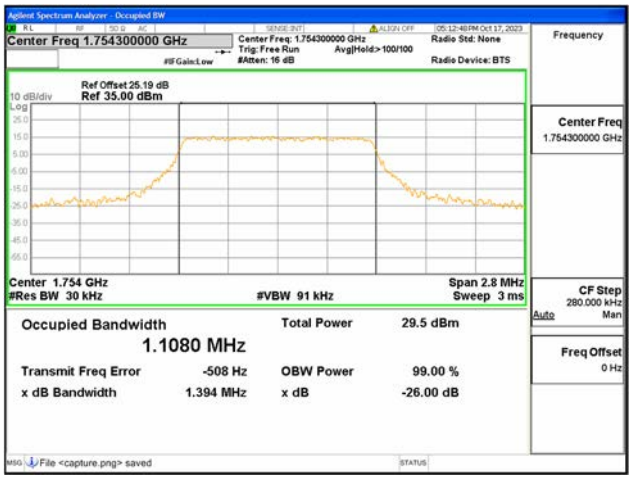


B4 / 1.4MHz / 64QAM/ Mid CH

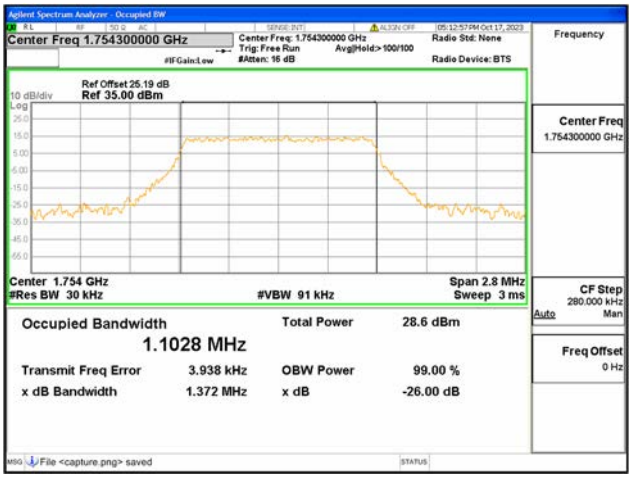
B4 / 1.4MHz / 256QAM/ Mid CH



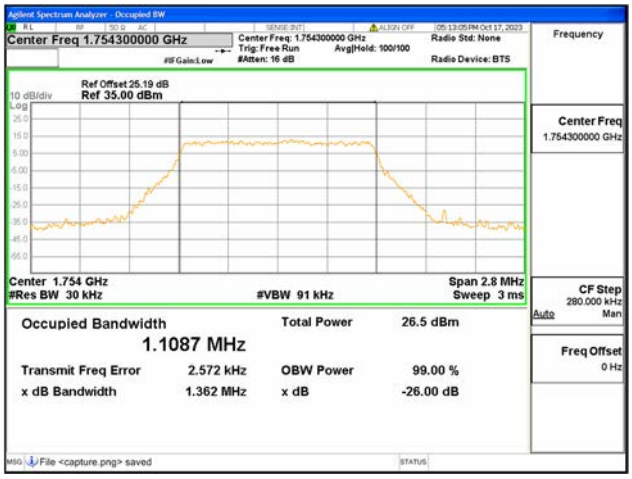
B4 / 1.4MHz / QPSK/ High CH



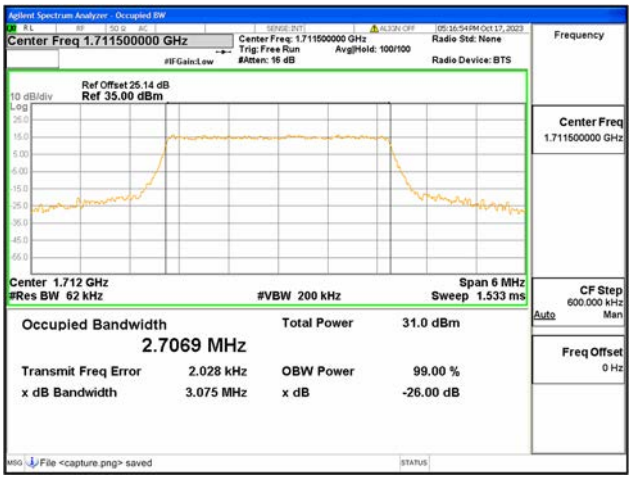
B4 / 1.4MHz / 16QAM/ High CH



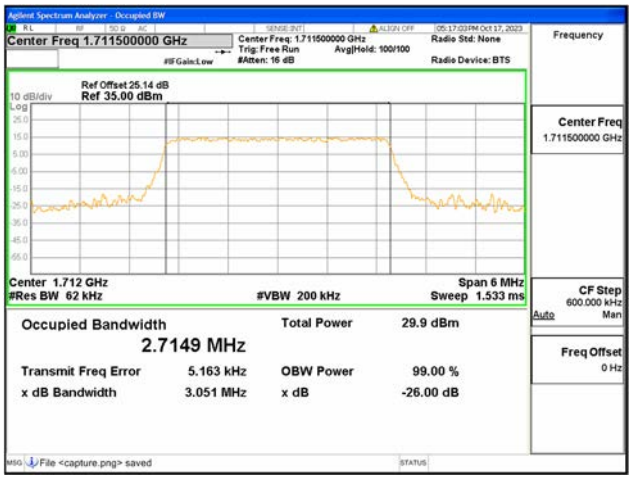
B4 / 1.4MHz / 64QAM/ High CH



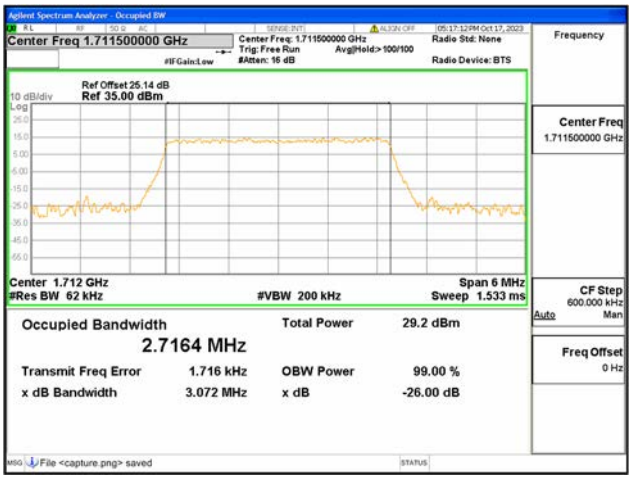
B4 / 1.4MHz / 256QAM/ High CH



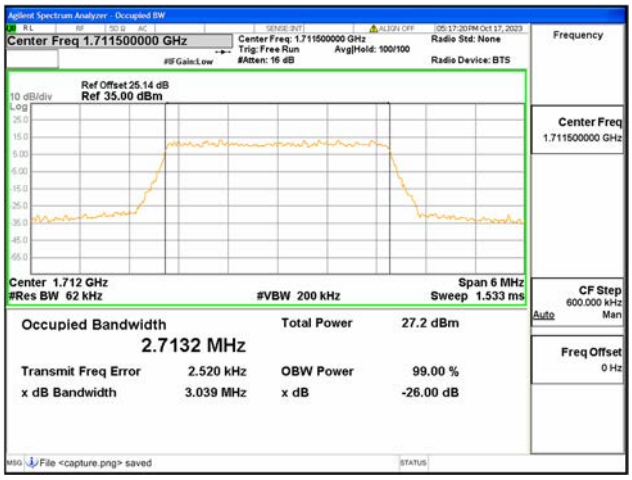
B4 / 3MHz / QPSK/ Low CH



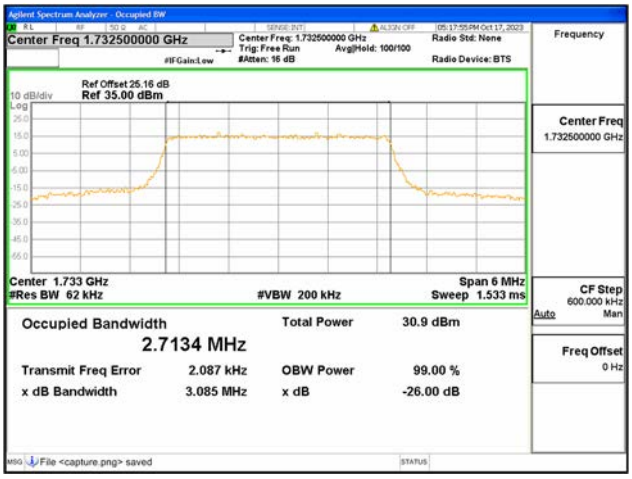
B4 / 3MHz / 16QAM/ Low CH



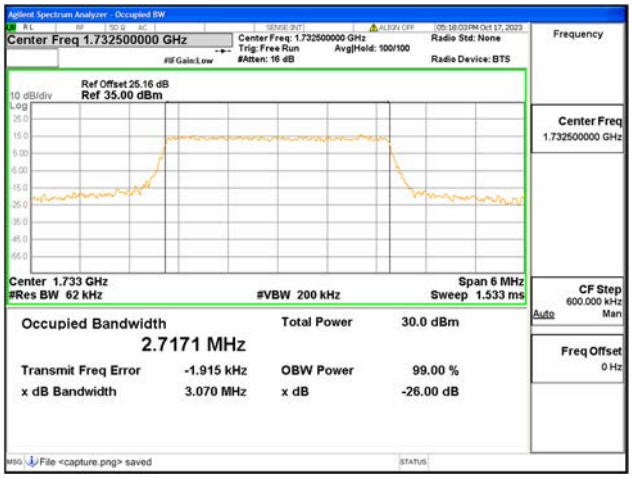
B4 / 3MHz / 64QAM/ Low CH



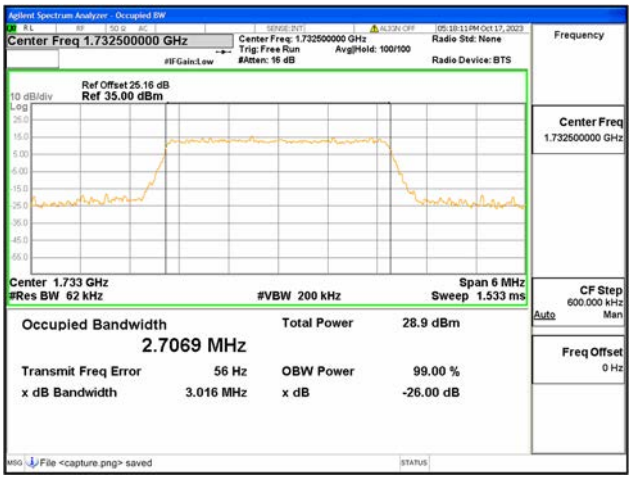
B4 / 3MHz / 256QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



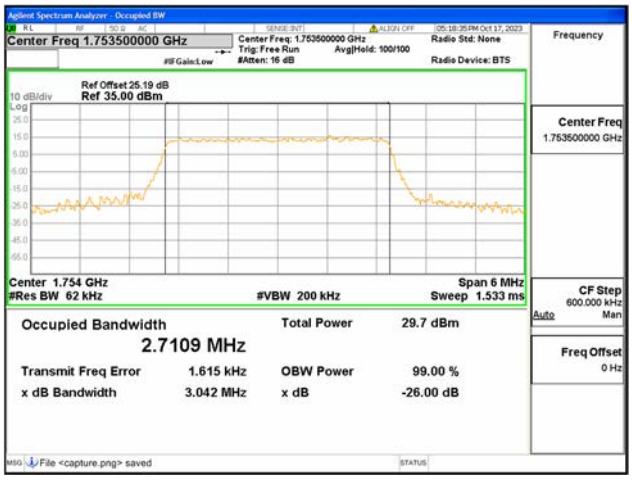
B4 / 3MHz / 16QAM/ Mid CH



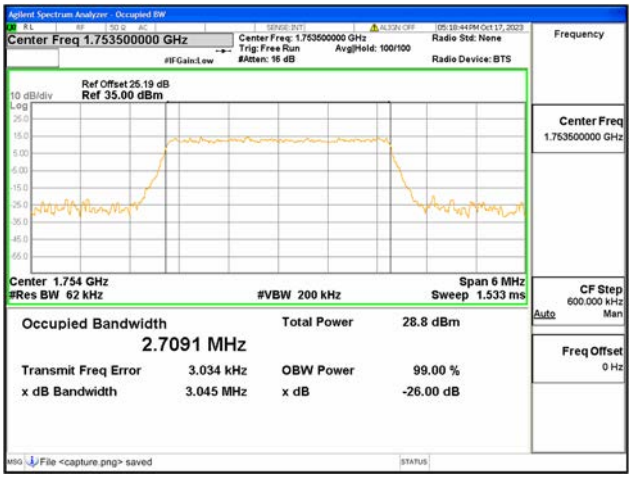
B4 / 3MHz / 64QAM/ Mid CH

B4 / 3MHz / 256QAM/ Mid CH

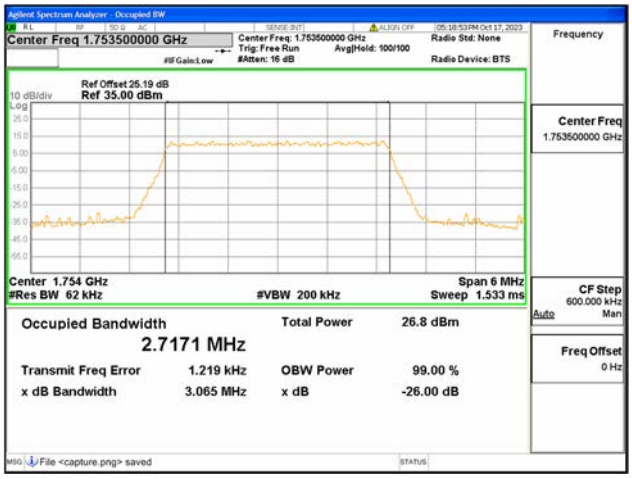
B4 / 3MHz / QPSK/ High CH



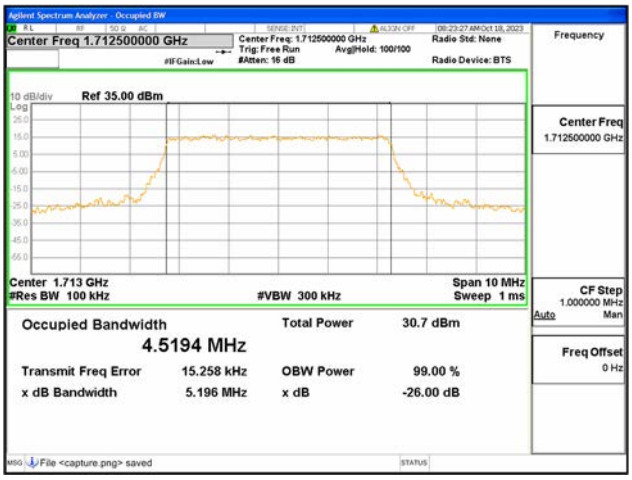
B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH

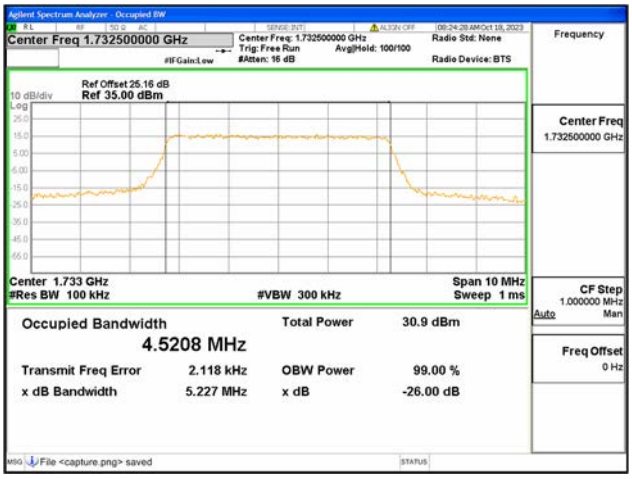


B4 / 5MHz / QPSK/ Low CH

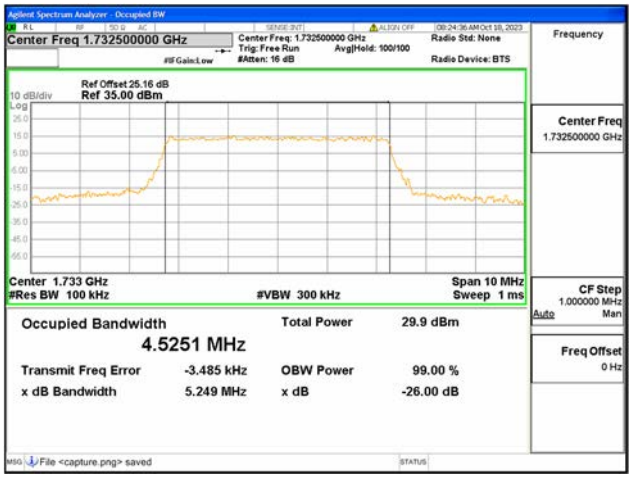
B4 / 5MHz / 16QAM/ Low CH

B4 / 5MHz / 64QAM/ Low CH

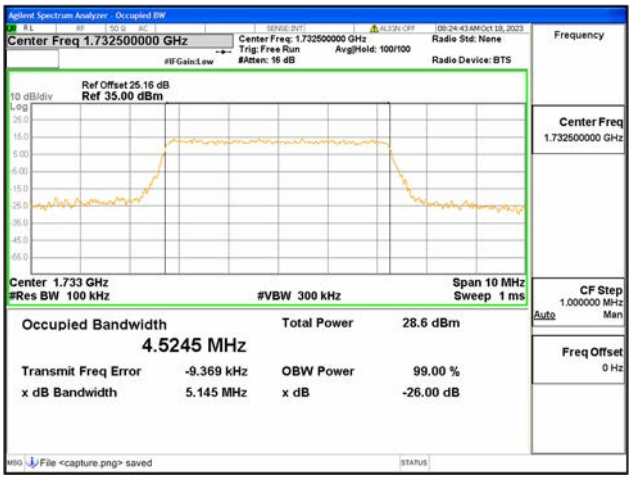
B4 / 5MHz / 256QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH

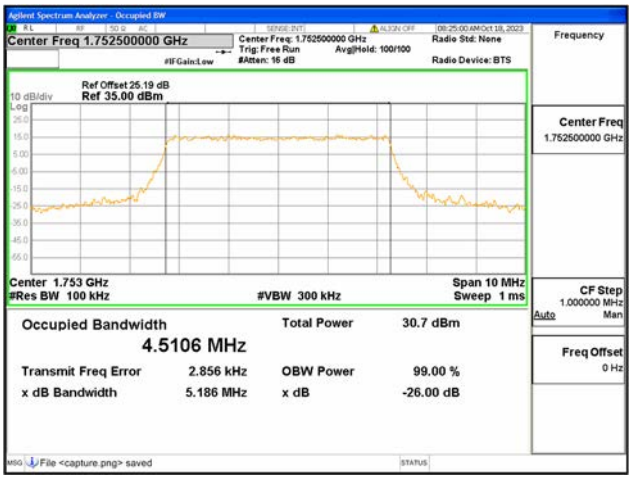


B4 / 5MHz / 16QAM/ Mid CH



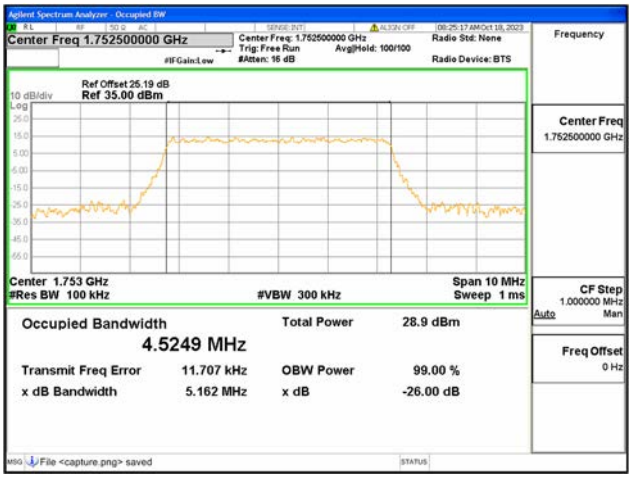
B4 / 5MHz / 64QAM/ Mid CH

B4 / 5MHz / 256QAM/ Mid CH

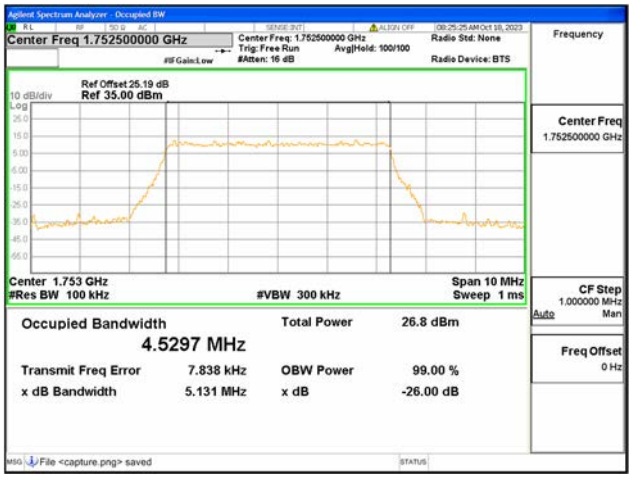


B4 / 5MHz / QPSK/ High CH

B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



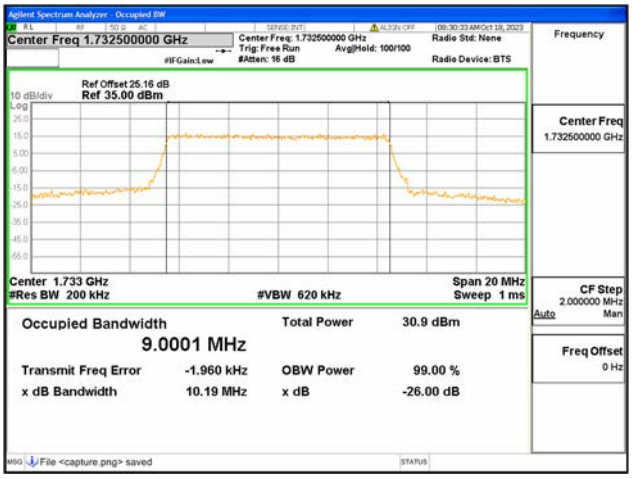
B4 / 5MHz / 256QAM/ High CH

B4 / 10MHz / QPSK/ Low CH

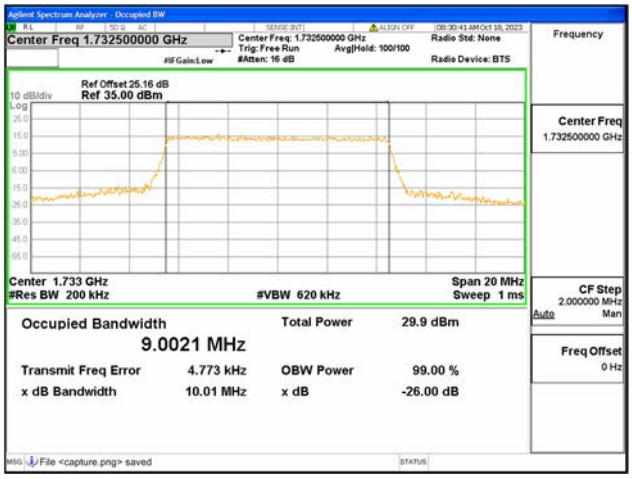
B4 / 10MHz / 16QAM/ Low CH

B4 / 10MHz / 64QAM/ Low CH

B4 / 10MHz / 256QAM/ Low CH



B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH