TEST REPORT

APPLICANT	:	POCKETALK CORPORATION
PRODUCT NAME	:	POCKETALK S2
MODEL NAME	:	PTS2
BRAND NAME	:	POCKETALK
FCC ID	:	2BGXA-PTS2
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart D&F&H&L&M
RECEIPT DATE	:	2024-06-07
TEST DATE	:	2024-06-15 to 2024-07-04
ISSUE DATE	:	2024-08-15

Edited by: Peng Mi (Rapporteur)

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Change History		
Version	Date	Reason for change
1.0	2024-08-15	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	POCKETALK CORPORATION
Applicant Address:	4F Hamamatsucho PREX, 2-2-12 Shiba, Minato-ku, Tokyo 105-0014, Japan
Manufacturer:	JENESIS (SHEN ZHEN) CO., LTD.
Manufacturer Address:	6th Floor, Building A, No.2 Luozhu Industrial Avenue, Luozhu Community, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province.

1.2. Equipment Under Test (EUT) Description

Product Name:	POCKETALK S2	
Sample No.:	8#	
Hardware Version:	V1.0	
Software Version:	V1.0.2	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 38 / 40 / 41	
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 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz

Frequency Range:	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2535MHz–2655MHz
		Rx: 2535MHz–2655MHz
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 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Internal Antenna	
Antenna Gain:	LTE Band 2	3.70dBi
	LTE Band 4	2.86dBi
	LTE Band 5	0.73dBi
	LTE Band 7	1.97dBi
	LTE Band 12	-2.81dBi
	LTE Band 13	-0.89dBi

Antenna Gain:	LTE Band 17	-2.81dBi
	LTE Band 18	0.18dBi
	LTE Band 19	0.62dBi
	LTE Band 25	3.70dBi
	LTE Band 26	0.62dBi
	LTE Band 38	2.61dBi
	LTE Band 40	1.40dBi
	LTE Band 41	2.61dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	PT393952
	Serial No.:	N/A
	Capacity:	1200mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Guangdong Pow-Tech New Power Co., Ltd.
	AC Adapter 1	
	Brand Name:	FLYPOWER
	Model No.:	PS06CA050K1000UU
	Serial No.:	N/A
	Rated Output:	5V⎓1A
	Rated Input:	100-240V~50/60Hz, 0.25A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	AC Adapter 2	
	Brand Name:	FLYPOWER
	Model No.:	PS06CA050K1000JU
	Serial No.:	N/A
	Rated Output:	5V⎓1A
	Rated Input:	100-240V~50/60Hz, 0.25A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	USB Cable	
	Model No.:	N/A
	Manufacturer:	DONG GUAN KOMAK ELECTRONICSCO.,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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.485	0.396	0.314	17M9G7D	17M9W7D	17M9W7D
15	0.481	0.397	0.313	13M4G7D	13M4W7D	13M4W7D
10	0.483	0.397	0.312	8M97G7D	8M94W7D	8M96W7D
5	0.485	0.396	0.313	4M48G7D	4M48W7D	4M49W7D
3	0.482	0.403	0.313	2M69G7D	2M69W7D	2M70W7D
1.4	0.480	0.393	0.322	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.403	0.325	0.256	17M9G7D	17M9W7D	17M9W7D
15	0.400	0.325	0.256	13M5G7D	13M4W7D	13M4W7D
10	0.401	0.322	0.259	8M97G7D	8M95W7D	8M96W7D
5	0.400	0.326	0.258	4M48G7D	4M48W7D	4M50W7D
3	0.401	0.331	0.258	2M69G7D	2M70W7D	2M70W7D
1.4	0.398	0.337	0.265	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.152	0.124	0.098	8M97G7D	8M94W7D	8M95W7D
5	0.151	0.122	0.099	4M48G7D	4M48W7D	4M49W7D
3	0.151	0.123	0.098	2M69G7D	2M69W7D	2M70W7D
1.4	0.151	0.124	0.101	1M09G7D	1M10W7D	1M10W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.207	0.169	0.138	17M9G7D	17M9W7D	17M9W7D
15	0.205	0.173	0.139	13M5G7D	13M4W7D	13M4W7D
10	0.206	0.170	0.137	8M96G7D	8M95W7D	8M96W7D
5	0.207	0.169	0.136	4M49G7D	4M48W7D	4M49W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.068	0.055	0.044	8M97G7D	8M96W7D	8M98W7D
5	0.067	0.055	0.044	4M48G7D	4M47W7D	4M49W7D
3	0.067	0.055	0.045	2M69G7D	2M69W7D	2M70W7D
1.4	0.067	0.055	0.044	1M09G7D	1M10W7D	1M10W7D

LTE Band 13	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.126	0.103	0.081	8M97G7D	8M94W7D	8M95W7D
5	0.124	0.104	0.082	4M48G7D	4M48W7D	4M49W7D
LTE Band 17	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.067	0.055	0.044	8M98G7D	8M95W7D	8M98W7D
5	0.067	0.055	0.043	4M48G7D	4M49W7D	4M49W7D
LTE Band 18	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.135	0.106	0.080	4M48G7D	4M48W7D	4M49W7D
LTE Band 19	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.147	0.121	0.095	13M4G7D	13M4W7D	13M4W7D
10	0.146	0.117	0.095	8M97G7D	8M94W7D	8M97W7D
5	0.145	0.119	0.096	4M48G7D	4M48W7D	4M49W7D
LTE Band 25	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.494	0.395	0.322	17M9G7D	17M9W7D	17M9W7D
15	0.492	0.402	0.314	13M5G7D	13M4W7D	13M4W7D
10	0.489	0.397	0.314	8M96G7D	8M94W7D	8M95W7D
5	0.490	0.400	0.317	4M48G7D	4M48W7D	4M49W7D
3	0.491	0.394	0.313	2M69G7D	2M69W7D	2M70W7D
1.4	0.488	0.396	0.316	1M10G7D	1M10W7D	1M10W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.153	0.133	0.099	13M5G7D	13M4W7D	13M4W7D
10	0.158	0.136	0.100	8M97G7D	8M95W7D	8M95W7D
5	0.157	0.135	0.102	4M48G7D	4M48W7D	4M49W7D
3	0.142	0.131	0.098	2M69G7D	2M69W7D	2M70W7D
1.4	0.139	0.117	0.093	1M10G7D	1M10W7D	1M10W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.366	0.299	0.239	17M9G7D	17M9W7D	17M9W7D
15	0.361	0.300	0.238	13M4G7D	13M4W7D	13M4W7D
10	0.362	0.294	0.236	8M95G7D	8M95W7D	8M95W7D
5	0.361	0.290	0.237	4M49G7D	4M48W7D	4M49W7D

LTE Band 40 Block A	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.181	0.144	0.113	8M95G7D	8M94W7D	8M95W7D
5	0.179	0.148	0.120	4M48G7D	4M48W7D	4M49W7D
LTE Band 40 Block B	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.179	0.141	0.115	8M93G7D	8M94W7D	8M96W7D
5	0.177	0.144	0.117	4M48G7D	4M48W7D	4M49W7D
LTE Band 41	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.371	0.297	0.238	17M9G7D	17M9W7D	17M9W7D
15	0.366	0.296	0.236	13M4G7D	13M5W7D	13M4W7D
10	0.367	0.298	0.234	8M95G7D	8M95W7D	8M95W7D
5	0.366	0.290	0.234	4M49G7D	4M48W7D	4M49W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 15, 2024	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jun. 15, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 15, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 15, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 15, 2024	Gan Jing	PASS	No deviation

2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Jun. 15, 2024	Gan Jing	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 19, 2024 to Jul. 04, 2024	Li Hanbin	PASS	No deviation
Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016. **Note 2:** Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table. **Note 3:** When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.					

1.5. Environmental Conditions

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

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

2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 D&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 2/25, 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, 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 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

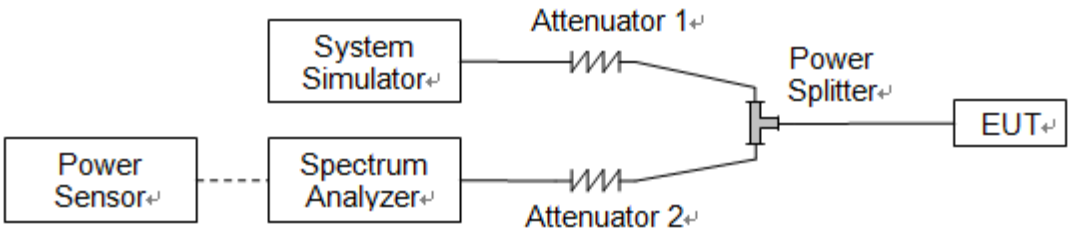
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

According to FCC section 27.50 (c)(10) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.12	23.16	23.09
20	QPSK	1	49	23.08	23.13	23.07
20	QPSK	1	99	23.07	23.03	23.04
20	QPSK	50	0	22.26	22.29	22.25
20	QPSK	50	24	22.05	22.25	22.20
20	QPSK	50	50	22.00	22.14	22.09
20	QPSK	100	0	22.12	22.18	22.15
20	16QAM	1	0	22.19	22.28	22.22
20	16QAM	1	49	22.08	22.09	22.23
20	16QAM	1	99	22.03	22.11	22.14
20	16QAM	50	0	21.17	21.26	21.24
20	16QAM	50	24	21.07	21.08	21.18
20	16QAM	50	50	21.08	21.17	21.10
20	16QAM	100	0	21.10	21.18	21.14
20	64QAM	1	0	21.18	21.27	21.26
20	64QAM	1	49	21.19	21.23	21.21
20	64QAM	1	99	21.08	21.20	21.14
20	64QAM	50	0	20.13	20.24	20.20
20	64QAM	50	24	20.10	20.10	20.12
20	64QAM	50	50	20.14	20.16	20.18
20	64QAM	100	0	20.08	20.13	20.07

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	23.11	23.12	23.08
15	QPSK	1	37	23.06	23.08	23.05
15	QPSK	1	74	23.04	23.06	23.01
15	QPSK	36	0	22.22	22.26	22.23
15	QPSK	36	20	22.02	22.10	22.22
15	QPSK	36	39	22.05	22.03	22.15
15	QPSK	75	0	22.18	22.20	22.11
15	16QAM	1	0	22.22	22.29	22.13
15	16QAM	1	37	22.24	22.12	22.20
15	16QAM	1	74	22.12	22.26	22.16
15	16QAM	36	0	21.20	21.28	21.26
15	16QAM	36	20	21.18	21.27	21.08
15	16QAM	36	39	20.97	21.15	21.03
15	16QAM	75	0	21.09	21.16	21.00
15	64QAM	1	0	21.11	21.25	21.20
15	64QAM	1	37	21.10	21.05	21.01
15	64QAM	1	74	21.01	21.12	21.09
15	64QAM	36	0	20.23	20.26	20.18
15	64QAM	36	20	20.05	20.24	19.97
15	64QAM	36	39	20.16	19.97	19.98
15	64QAM	75	0	20.08	20.16	20.01

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.07	23.14	23.11
10	QPSK	1	25	23.05	23.09	23.08
10	QPSK	1	49	22.98	23.12	22.99
10	QPSK	25	0	22.18	22.27	22.27
10	QPSK	25	12	22.06	22.11	22.14
10	QPSK	25	25	22.04	22.05	22.01
10	QPSK	50	0	22.05	22.22	22.13
10	16QAM	1	0	22.15	22.29	22.21
10	16QAM	1	25	22.14	22.21	22.00
10	16QAM	1	49	22.19	22.08	22.09
10	16QAM	25	0	21.17	21.26	21.21
10	16QAM	25	12	21.00	21.21	21.15
10	16QAM	25	25	20.99	21.12	21.18
10	16QAM	50	0	21.16	21.24	21.09
10	64QAM	1	0	21.21	21.24	21.23
10	64QAM	1	25	21.20	21.16	21.18
10	64QAM	1	49	21.07	21.13	21.04
10	64QAM	25	0	20.07	20.25	20.19
10	64QAM	25	12	20.06	20.05	20.11
10	64QAM	25	25	19.99	20.16	20.04
10	64QAM	50	0	19.97	20.01	20.08

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	23.05	23.16	23.10
5	QPSK	1	12	23.13	23.11	23.11
5	QPSK	1	24	23.01	23.05	23.03
5	QPSK	12	0	22.20	22.30	22.12
5	QPSK	12	7	22.17	22.27	22.18
5	QPSK	12	13	22.14	22.09	22.02
5	QPSK	25	0	22.05	22.20	22.10
5	16QAM	1	0	22.28	22.28	22.27
5	16QAM	1	12	22.24	22.04	22.09
5	16QAM	1	24	22.20	22.13	22.14
5	16QAM	12	0	21.21	21.25	21.24
5	16QAM	12	7	21.22	21.14	21.20
5	16QAM	12	13	21.08	21.22	21.14
5	16QAM	25	0	21.16	21.17	21.22
5	64QAM	1	0	21.07	21.26	21.20
5	64QAM	1	12	21.03	21.17	21.09
5	64QAM	1	24	21.05	21.20	21.05
5	64QAM	12	0	20.18	20.21	20.19
5	64QAM	12	7	20.03	20.14	20.02
5	64QAM	12	13	20.02	20.10	19.99
5	64QAM	25	0	20.05	20.04	20.03

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	23.09	23.13	23.08
3	QPSK	1	8	22.99	23.10	23.07
3	QPSK	1	14	23.00	23.09	22.98
3	QPSK	8	0	22.09	22.24	22.23
3	QPSK	8	4	22.18	22.10	22.02
3	QPSK	8	7	22.09	22.12	21.98
3	QPSK	15	0	22.10	22.16	22.03
3	16QAM	1	0	22.13	22.28	22.26
3	16QAM	1	8	22.17	22.21	22.03
3	16QAM	1	14	22.06	22.25	22.35
3	16QAM	8	0	21.08	21.27	21.24
3	16QAM	8	4	21.09	21.02	21.17
3	16QAM	8	7	21.03	21.09	21.16
3	16QAM	15	0	21.05	21.16	21.13
3	64QAM	1	0	21.20	21.26	21.12
3	64QAM	1	8	21.12	21.22	21.13
3	64QAM	1	14	21.13	21.16	21.17
3	64QAM	8	0	20.14	20.19	20.07
3	64QAM	8	4	20.17	20.12	20.27
3	64QAM	8	7	20.03	20.13	20.11
3	64QAM	15	0	20.17	20.19	20.15

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	23.07	23.11	23.02
1.4	QPSK	1	3	23.02	23.06	22.98
1.4	QPSK	1	5	22.99	23.02	23.04
1.4	QPSK	3	0	22.21	22.23	22.16
1.4	QPSK	3	1	22.14	22.07	22.18
1.4	QPSK	3	3	22.08	22.03	22.16
1.4	QPSK	6	0	21.97	22.12	22.11
1.4	16QAM	1	0	22.14	22.24	22.09
1.4	16QAM	1	3	22.13	22.15	22.08
1.4	16QAM	1	5	22.10	22.09	22.16
1.4	16QAM	3	0	21.09	21.06	21.03
1.4	16QAM	3	1	21.21	21.12	21.18
1.4	16QAM	3	3	21.00	21.01	21.18
1.4	16QAM	6	0	21.00	21.19	21.07
1.4	64QAM	1	0	21.38	21.24	21.28
1.4	64QAM	1	3	21.20	21.28	21.16
1.4	64QAM	1	5	21.01	21.32	21.26
1.4	64QAM	3	0	20.07	20.21	20.01
1.4	64QAM	3	1	20.13	20.10	20.24
1.4	64QAM	3	3	20.09	20.13	20.12
1.4	64QAM	6	0	20.12	20.21	20.22

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.15	23.19	23.10
20	QPSK	1	49	23.02	23.15	23.06
20	QPSK	1	99	23.13	23.02	23.01
20	QPSK	50	0	22.14	22.20	22.16
20	QPSK	50	24	22.13	22.12	22.11
20	QPSK	50	50	22.05	22.06	22.09
20	QPSK	100	0	22.09	22.10	22.04
20	16QAM	1	0	22.23	22.26	22.15
20	16QAM	1	49	22.08	22.07	22.13
20	16QAM	1	99	22.11	22.01	22.09
20	16QAM	50	0	21.10	21.21	21.19
20	16QAM	50	24	21.16	21.06	21.06
20	16QAM	50	50	21.17	21.13	21.13
20	16QAM	100	0	21.02	21.10	21.08
20	64QAM	1	0	21.09	21.23	21.21
20	64QAM	1	49	21.04	21.18	21.13
20	64QAM	1	99	21.05	21.14	21.08
20	64QAM	50	0	20.03	20.19	20.14
20	64QAM	50	24	20.13	20.03	20.09
20	64QAM	50	50	20.05	20.07	20.10
20	64QAM	100	0	20.10	20.13	20.02

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	23.13	23.16	23.07
15	QPSK	1	37	23.10	23.04	23.08
15	QPSK	1	74	22.95	23.11	22.90
15	QPSK	36	0	22.19	22.27	22.11
15	QPSK	36	20	22.04	22.21	22.22
15	QPSK	36	39	22.11	22.14	21.93
15	QPSK	75	0	21.97	22.01	22.14
15	16QAM	1	0	22.13	22.26	22.17
15	16QAM	1	37	22.10	22.25	22.20
15	16QAM	1	74	22.04	22.22	22.12
15	16QAM	36	0	21.15	21.23	21.17
15	16QAM	36	20	21.00	21.07	21.17
15	16QAM	36	39	21.10	21.13	20.98
15	16QAM	75	0	21.03	21.12	21.17
15	64QAM	1	0	21.21	21.22	21.16
15	64QAM	1	37	21.03	21.08	21.19
15	64QAM	1	74	21.19	21.11	21.05
15	64QAM	36	0	20.20	20.24	20.16
15	64QAM	36	20	20.17	20.04	20.21
15	64QAM	36	39	20.09	20.15	20.15
15	64QAM	75	0	19.98	20.22	20.04

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	23.17	23.16	23.12
10	QPSK	1	25	23.08	23.02	23.08
10	QPSK	1	49	23.15	22.99	23.00
10	QPSK	25	0	22.12	22.26	22.24
10	QPSK	25	12	22.23	22.19	22.06
10	QPSK	25	25	22.05	22.12	22.15
10	QPSK	50	0	22.10	22.27	22.25
10	16QAM	1	0	22.15	22.22	22.17
10	16QAM	1	25	22.03	22.14	22.12
10	16QAM	1	49	21.94	22.13	21.98
10	16QAM	25	0	21.20	21.28	21.14
10	16QAM	25	12	21.23	21.02	21.12
10	16QAM	25	25	21.16	21.09	21.17
10	16QAM	50	0	21.02	21.23	21.21
10	64QAM	1	0	21.27	21.18	21.27
10	64QAM	1	25	21.20	21.11	21.26
10	64QAM	1	49	21.10	21.17	21.16
10	64QAM	25	0	20.05	20.24	20.11
10	64QAM	25	12	20.23	20.16	20.17
10	64QAM	25	25	20.14	20.22	20.10
10	64QAM	50	0	20.04	20.24	20.18

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.09	23.16	23.14
5	QPSK	1	12	23.01	23.06	23.05
5	QPSK	1	24	23.07	23.06	23.07
5	QPSK	12	0	22.24	22.28	22.10
5	QPSK	12	7	22.10	22.32	22.17
5	QPSK	12	13	22.18	22.25	21.98
5	QPSK	25	0	22.19	22.22	22.27
5	16QAM	1	0	22.12	22.27	22.21
5	16QAM	1	12	22.17	22.03	22.17
5	16QAM	1	24	22.01	21.99	22.15
5	16QAM	12	0	21.14	21.27	21.22
5	16QAM	12	7	21.01	21.25	21.15
5	16QAM	12	13	20.96	21.13	21.18
5	16QAM	25	0	21.03	21.17	21.03
5	64QAM	1	0	21.20	21.25	21.18
5	64QAM	1	12	21.13	21.21	21.21
5	64QAM	1	24	21.06	21.24	21.02
5	64QAM	12	0	20.27	20.27	20.07
5	64QAM	12	7	20.26	20.03	20.05
5	64QAM	12	13	20.10	20.33	20.20
5	64QAM	25	0	20.20	20.25	20.26

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	23.14	23.17	23.12
3	QPSK	1	8	23.02	23.10	23.00
3	QPSK	1	14	23.13	23.03	23.16
3	QPSK	8	0	22.12	22.26	22.28
3	QPSK	8	4	22.05	22.12	22.22
3	QPSK	8	7	22.06	22.11	22.11
3	QPSK	15	0	22.20	22.30	22.03
3	16QAM	1	0	22.06	22.27	22.34
3	16QAM	1	8	22.10	22.18	22.25
3	16QAM	1	14	22.20	21.98	21.98
3	16QAM	8	0	21.13	21.23	21.22
3	16QAM	8	4	21.17	21.06	21.15
3	16QAM	8	7	21.24	21.24	21.27
3	16QAM	15	0	21.14	21.30	21.28
3	64QAM	1	0	21.25	21.26	21.21
3	64QAM	1	8	21.05	21.22	21.22
3	64QAM	1	14	21.02	21.18	21.15
3	64QAM	8	0	20.15	20.22	20.18
3	64QAM	8	4	20.13	19.96	20.16
3	64QAM	8	7	20.19	20.10	20.20
3	64QAM	15	0	20.12	20.12	20.11

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	23.09	23.14	23.10
1.4	QPSK	1	3	23.08	23.11	22.96
1.4	QPSK	1	5	22.99	22.95	23.04
1.4	QPSK	3	0	22.24	22.31	22.29
1.4	QPSK	3	1	22.17	22.30	22.07
1.4	QPSK	3	3	22.06	22.19	22.25
1.4	QPSK	6	0	22.13	22.29	22.17
1.4	16QAM	1	0	22.16	22.41	22.42
1.4	16QAM	1	3	22.26	22.06	22.18
1.4	16QAM	1	5	22.03	22.21	22.32
1.4	16QAM	3	0	21.38	21.21	21.10
1.4	16QAM	3	1	21.21	21.01	21.07
1.4	16QAM	3	3	21.13	21.35	21.01
1.4	16QAM	6	0	21.12	21.17	21.05
1.4	64QAM	1	0	21.11	21.23	21.16
1.4	64QAM	1	3	21.10	21.15	21.31
1.4	64QAM	1	5	21.01	21.38	21.29
1.4	64QAM	3	0	20.15	20.32	20.41
1.4	64QAM	3	1	20.17	20.13	20.03
1.4	64QAM	3	3	20.18	20.20	20.14
1.4	64QAM	6	0	19.97	20.10	20.01

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	23.17	23.24	23.21
10	QPSK	1	25	23.12	23.19	23.10
10	QPSK	1	49	23.09	23.18	23.15
10	QPSK	25	0	22.23	22.28	22.25
10	QPSK	25	12	22.08	22.26	22.22
10	QPSK	25	25	22.02	22.23	22.19
10	QPSK	50	0	22.07	22.02	22.09
10	16QAM	1	0	22.24	22.35	22.33
10	16QAM	1	25	22.20	22.17	22.28
10	16QAM	1	49	22.13	22.29	22.18
10	16QAM	25	0	21.21	21.31	21.28
10	16QAM	25	12	21.19	21.30	21.23
10	16QAM	25	25	21.27	21.15	21.21
10	16QAM	50	0	21.22	21.23	21.17
10	64QAM	1	0	21.27	21.34	21.31
10	64QAM	1	25	21.23	21.26	21.33
10	64QAM	1	49	21.25	21.25	21.29
10	64QAM	25	0	20.24	20.34	20.25
10	64QAM	25	12	20.09	20.26	20.27
10	64QAM	25	25	20.13	20.10	20.24
10	64QAM	50	0	20.24	20.28	20.17

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	23.16	23.20	23.17
5	QPSK	1	12	23.13	23.15	23.09
5	QPSK	1	24	23.09	23.14	23.06
5	QPSK	12	0	22.21	22.32	22.26
5	QPSK	12	7	22.11	22.31	22.12
5	QPSK	12	13	22.07	22.09	22.19
5	QPSK	25	0	22.12	22.26	22.21
5	16QAM	1	0	22.24	22.30	22.29
5	16QAM	1	12	22.14	22.08	22.26
5	16QAM	1	24	22.08	22.15	22.27
5	16QAM	12	0	21.15	21.33	21.23
5	16QAM	12	7	21.19	21.15	21.25
5	16QAM	12	13	21.29	21.28	21.23
5	16QAM	25	0	21.24	21.29	21.21
5	64QAM	1	0	21.32	21.36	21.31
5	64QAM	1	12	21.15	21.17	21.30
5	64QAM	1	24	21.17	21.19	21.13
5	64QAM	12	0	20.29	20.37	20.22
5	64QAM	12	7	20.26	20.35	20.11
5	64QAM	12	13	20.30	20.34	20.23
5	64QAM	25	0	20.25	20.36	20.27

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	23.17	23.22	23.20
3	QPSK	1	8	22.99	23.07	23.15
3	QPSK	1	14	23.08	23.18	23.12
3	QPSK	8	0	22.29	22.33	22.29
3	QPSK	8	4	22.13	22.25	22.17
3	QPSK	8	7	22.16	22.12	22.23
3	QPSK	15	0	22.30	22.32	22.29
3	16QAM	1	0	22.25	22.31	22.29
3	16QAM	1	8	22.15	22.23	22.30
3	16QAM	1	14	22.07	22.29	22.25
3	16QAM	8	0	21.30	21.36	21.33
3	16QAM	8	4	21.13	21.10	21.19
3	16QAM	8	7	21.29	21.10	21.18
3	16QAM	15	0	21.12	21.17	21.27
3	64QAM	1	0	21.29	21.34	21.30
3	64QAM	1	8	21.19	21.31	21.21
3	64QAM	1	14	21.28	21.30	21.24
3	64QAM	8	0	20.09	20.31	20.28
3	64QAM	8	4	20.17	20.08	20.03
3	64QAM	8	7	20.26	20.26	20.32
3	64QAM	15	0	20.06	20.11	20.18

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	23.21	23.15
1.4	QPSK	1	3	23.14	23.14	23.11
1.4	QPSK	1	5	23.04	23.16	23.19
1.4	QPSK	3	0	22.34	22.38	22.33
1.4	QPSK	3	1	22.15	22.37	22.21
1.4	QPSK	3	3	22.06	22.26	22.27
1.4	QPSK	6	0	22.13	22.29	22.26
1.4	16QAM	1	0	22.35	22.36	22.33
1.4	16QAM	1	3	22.17	22.03	22.28
1.4	16QAM	1	5	22.26	22.27	22.16
1.4	16QAM	3	0	21.29	21.30	21.27
1.4	16QAM	3	1	21.11	21.21	21.23
1.4	16QAM	3	3	21.20	21.24	21.27
1.4	16QAM	6	0	21.24	21.28	21.20
1.4	64QAM	1	0	21.17	21.26	21.32
1.4	64QAM	1	3	21.43	21.33	21.46
1.4	64QAM	1	5	21.14	21.12	21.17
1.4	64QAM	3	0	20.33	20.23	20.14
1.4	64QAM	3	1	20.32	20.14	20.18
1.4	64QAM	3	3	20.23	20.40	20.31
1.4	64QAM	6	0	20.21	20.29	20.17

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	21.15	21.19	21.13
20	QPSK	1	49	20.99	21.16	21.11
20	QPSK	1	99	21.04	21.05	21.06
20	QPSK	50	0	20.19	20.27	20.22
20	QPSK	50	24	20.22	20.18	20.21
20	QPSK	50	50	19.99	20.15	19.99
20	QPSK	100	0	20.09	20.13	20.04
20	16QAM	1	0	20.30	20.31	20.26
20	16QAM	1	49	20.10	20.12	20.29
20	16QAM	1	99	20.12	20.07	20.16
20	16QAM	50	0	19.29	19.28	19.27
20	16QAM	50	24	19.16	19.23	19.31
20	16QAM	50	50	19.16	19.34	19.26
20	16QAM	100	0	19.09	19.26	19.19
20	64QAM	1	0	19.41	19.43	19.39
20	64QAM	1	49	19.42	19.36	19.16
20	64QAM	1	99	19.17	19.30	19.24
20	64QAM	50	0	18.36	18.42	18.19
20	64QAM	50	24	18.11	18.26	18.13
20	64QAM	50	50	18.26	18.30	18.30
20	64QAM	100	0	18.07	18.15	18.16

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	21.09	21.15	21.13
15	QPSK	1	37	21.05	21.07	21.03
15	QPSK	1	74	20.97	21.13	20.99
15	QPSK	36	0	20.16	20.35	20.41
15	QPSK	36	20	20.11	20.41	20.36
15	QPSK	36	39	20.16	20.34	20.05
15	QPSK	75	0	20.29	20.39	20.15
15	16QAM	1	0	20.28	20.33	20.42
15	16QAM	1	37	20.22	20.17	20.29
15	16QAM	1	74	20.09	20.22	20.27
15	16QAM	36	0	19.21	19.30	19.21
15	16QAM	36	20	19.28	19.00	19.12
15	16QAM	36	39	19.16	19.26	19.05
15	16QAM	75	0	19.14	19.41	19.24
15	64QAM	1	0	19.17	19.47	19.31
15	64QAM	1	37	19.29	19.33	19.26
15	64QAM	1	74	19.26	19.17	19.19
15	64QAM	36	0	18.05	18.37	18.30
15	64QAM	36	20	18.25	18.29	18.18
15	64QAM	36	39	18.08	18.34	18.31
15	64QAM	75	0	18.31	18.21	18.22

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	21.11	21.16	21.07
10	QPSK	1	25	21.01	21.09	21.09
10	QPSK	1	49	20.96	21.07	21.00
10	QPSK	25	0	20.18	20.31	20.25
10	QPSK	25	12	20.25	20.15	20.23
10	QPSK	25	25	20.11	20.20	20.13
10	QPSK	50	0	20.06	20.30	20.03
10	16QAM	1	0	20.28	20.30	20.33
10	16QAM	1	25	20.29	20.24	20.11
10	16QAM	1	49	20.15	20.15	20.16
10	16QAM	25	0	19.30	19.27	19.25
10	16QAM	25	12	19.24	19.20	19.23
10	16QAM	25	25	19.23	19.32	19.20
10	16QAM	50	0	19.20	19.19	19.05
10	64QAM	1	0	19.17	19.33	19.37
10	64QAM	1	25	19.25	19.27	19.11
10	64QAM	1	49	19.19	19.41	19.20
10	64QAM	25	0	18.10	18.34	18.38
10	64QAM	25	12	18.29	18.24	18.18
10	64QAM	25	25	18.10	18.28	18.37
10	64QAM	50	0	18.18	18.25	18.20

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	21.15	21.18	21.09
5	QPSK	1	12	21.10	21.06	20.97
5	QPSK	1	24	21.06	20.99	21.13
5	QPSK	12	0	20.23	20.27	20.30
5	QPSK	12	7	20.15	20.16	20.22
5	QPSK	12	13	20.17	20.30	20.07
5	QPSK	25	0	20.04	20.08	20.25
5	16QAM	1	0	20.18	20.27	20.27
5	16QAM	1	12	20.03	20.32	20.23
5	16QAM	1	24	19.99	20.21	20.25
5	16QAM	12	0	19.22	19.35	19.23
5	16QAM	12	7	19.16	19.00	19.16
5	16QAM	12	13	19.18	19.21	19.22
5	16QAM	25	0	19.20	19.28	19.34
5	64QAM	1	0	19.36	19.34	19.23
5	64QAM	1	12	19.22	19.17	19.31
5	64QAM	1	24	19.19	19.23	19.24
5	64QAM	12	0	18.18	18.27	18.24
5	64QAM	12	7	18.14	18.25	18.25
5	64QAM	12	13	18.17	18.31	18.21
5	64QAM	25	0	18.30	18.11	18.05

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	23.24	23.27	23.21
10	QPSK	1	25	23.19	23.16	23.25
10	QPSK	1	49	23.06	23.07	23.04
10	QPSK	25	0	22.29	22.32	22.27
10	QPSK	25	12	22.16	22.28	22.29
10	QPSK	25	25	22.17	22.16	22.11
10	QPSK	50	0	22.22	22.30	22.19
10	16QAM	1	0	22.19	22.38	22.30
10	16QAM	1	25	22.29	22.28	22.17
10	16QAM	1	49	22.14	22.33	22.17
10	16QAM	25	0	21.22	21.35	21.30
10	16QAM	25	12	21.23	21.17	21.23
10	16QAM	25	25	21.15	21.29	21.08
10	16QAM	50	0	21.21	21.34	21.26
10	64QAM	1	0	21.33	21.35	21.33
10	64QAM	1	25	21.29	21.30	21.20
10	64QAM	1	49	21.16	21.13	21.31
10	64QAM	25	0	20.23	20.31	20.34
10	64QAM	25	12	20.28	20.32	20.17
10	64QAM	25	25	20.33	20.35	20.15
10	64QAM	50	0	20.14	20.29	20.23

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	23.24	23.19
5	QPSK	1	12	23.13	23.14	23.15
5	QPSK	1	24	23.10	23.18	23.01
5	QPSK	12	0	22.28	22.37	22.21
5	QPSK	12	7	22.23	22.31	22.24
5	QPSK	12	13	22.20	22.13	22.25
5	QPSK	25	0	22.19	22.29	22.19
5	16QAM	1	0	22.32	22.34	22.26
5	16QAM	1	12	22.11	22.28	22.38
5	16QAM	1	24	22.18	22.31	22.22
5	16QAM	12	0	21.38	21.43	21.30
5	16QAM	12	7	21.11	21.15	21.37
5	16QAM	12	13	21.15	21.39	21.28
5	16QAM	25	0	21.33	21.31	21.20
5	64QAM	1	0	21.43	21.41	21.19
5	64QAM	1	12	21.22	21.37	21.22
5	64QAM	1	24	21.14	21.20	21.17
5	64QAM	12	0	20.14	20.37	20.23
5	64QAM	12	7	20.17	20.20	20.16
5	64QAM	12	13	20.37	20.25	20.12
5	64QAM	25	0	20.17	20.10	20.31

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	23.17	23.25	23.19
3	QPSK	1	8	23.04	23.18	23.17
3	QPSK	1	14	23.09	23.10	23.05
3	QPSK	8	0	22.33	22.30	22.27
3	QPSK	8	4	22.14	22.18	22.20
3	QPSK	8	7	22.17	22.15	22.13
3	QPSK	15	0	22.32	22.18	22.37
3	16QAM	1	0	22.16	22.39	22.15
3	16QAM	1	8	22.30	22.02	22.29
3	16QAM	1	14	22.19	22.32	22.28
3	16QAM	8	0	21.25	21.24	21.22
3	16QAM	8	4	21.22	21.05	21.29
3	16QAM	8	7	21.24	21.14	21.11
3	16QAM	15	0	21.38	21.42	21.42
3	64QAM	1	0	21.39	21.32	21.46
3	64QAM	1	8	21.25	21.22	21.31
3	64QAM	1	14	21.17	21.34	21.35
3	64QAM	8	0	20.15	20.27	20.19
3	64QAM	8	4	20.34	20.18	20.33
3	64QAM	8	7	20.41	20.25	20.40
3	64QAM	15	0	20.20	20.35	20.24

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	23.20	23.23	23.16
1.4	QPSK	1	3	23.04	23.11	23.11
1.4	QPSK	1	5	23.11	23.08	23.07
1.4	QPSK	3	0	22.29	22.37	22.21
1.4	QPSK	3	1	22.24	22.33	22.28
1.4	QPSK	3	3	22.08	22.24	22.24
1.4	QPSK	6	0	22.14	22.23	22.25
1.4	16QAM	1	0	22.33	22.35	22.37
1.4	16QAM	1	3	22.31	22.24	22.31
1.4	16QAM	1	5	22.18	22.22	22.30
1.4	16QAM	3	0	21.19	21.34	21.32
1.4	16QAM	3	1	21.20	21.22	21.24
1.4	16QAM	3	3	21.24	21.18	21.06
1.4	16QAM	6	0	21.30	21.23	21.27
1.4	64QAM	1	0	21.26	21.35	21.33
1.4	64QAM	1	3	21.12	21.34	21.32
1.4	64QAM	1	5	21.01	21.34	21.10
1.4	64QAM	3	0	20.27	20.22	20.35
1.4	64QAM	3	1	20.10	20.32	20.28
1.4	64QAM	3	3	20.23	20.38	20.26
1.4	64QAM	6	0	20.25	20.25	20.21

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	/	23.15	/
10	QPSK	1	25	/	23.06	/
10	QPSK	1	49	/	22.99	/
10	QPSK	25	0	/	22.25	/
10	QPSK	25	12	/	22.12	/
10	QPSK	25	25	/	22.07	/
10	QPSK	50	0	/	22.20	/
10	16QAM	1	0	/	22.26	/
10	16QAM	1	25	/	22.19	/
10	16QAM	1	49	/	22.13	/
10	16QAM	25	0	/	21.27	/
10	16QAM	25	12	/	21.15	/
10	16QAM	25	25	/	21.10	/
10	16QAM	50	0	/	21.14	/
10	64QAM	1	0	/	21.25	/
10	64QAM	1	25	/	21.18	/
10	64QAM	1	49	/	21.09	/
10	64QAM	25	0	/	20.29	/
10	64QAM	25	12	/	20.25	/
10	64QAM	25	25	/	20.12	/
10	64QAM	50	0	/	20.17	/

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	23.00	23.09	23.06
5	QPSK	1	12	22.95	23.00	22.95
5	QPSK	1	24	22.98	22.93	22.96
5	QPSK	12	0	22.12	22.25	22.16
5	QPSK	12	7	22.06	22.07	22.22
5	QPSK	12	13	21.99	22.00	22.02
5	QPSK	25	0	21.90	22.05	22.14
5	16QAM	1	0	22.19	22.34	22.31
5	16QAM	1	12	22.16	22.11	22.28
5	16QAM	1	24	22.10	22.20	22.13
5	16QAM	12	0	21.19	21.30	21.22
5	16QAM	12	7	21.26	21.15	21.05
5	16QAM	12	13	21.10	21.23	21.06
5	16QAM	25	0	21.10	21.25	21.11
5	64QAM	1	0	21.27	21.28	21.08
5	64QAM	1	12	21.21	21.15	20.98
5	64QAM	1	24	21.02	21.24	20.99
5	64QAM	12	0	19.99	20.18	20.25
5	64QAM	12	7	20.13	20.03	20.11
5	64QAM	12	13	20.16	20.15	20.21
5	64QAM	25	0	20.00	20.07	20.03

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.21	23.24	23.16
10	QPSK	1	25	23.11	23.13	23.15
10	QPSK	1	49	23.10	23.17	23.12
10	QPSK	25	0	22.25	22.32	22.24
10	QPSK	25	12	22.22	22.16	22.30
10	QPSK	25	25	22.03	22.20	22.25
10	QPSK	50	0	22.25	22.23	22.16
10	16QAM	1	0	22.30	22.33	22.11
10	16QAM	1	25	22.21	22.14	22.16
10	16QAM	1	49	22.13	22.34	22.29
10	16QAM	25	0	21.07	21.30	21.13
10	16QAM	25	12	21.12	21.13	21.18
10	16QAM	25	25	21.20	21.17	21.17
10	16QAM	50	0	21.23	21.28	21.24
10	64QAM	1	0	21.22	21.35	21.29
10	64QAM	1	25	21.33	21.31	21.11
10	64QAM	1	49	21.19	21.25	21.23
10	64QAM	25	0	20.17	20.34	20.12
10	64QAM	25	12	20.30	20.27	20.26
10	64QAM	25	25	20.25	20.20	20.28
10	64QAM	50	0	20.27	20.31	20.27

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.14	23.20	23.11
5	QPSK	1	12	23.03	23.16	23.15
5	QPSK	1	24	23.07	23.05	23.03
5	QPSK	12	0	22.28	22.31	22.25
5	QPSK	12	7	22.13	22.18	22.19
5	QPSK	12	13	22.12	22.12	22.24
5	QPSK	25	0	22.27	22.29	22.20
5	16QAM	1	0	22.27	22.34	22.23
5	16QAM	1	12	22.20	22.15	22.26
5	16QAM	1	24	22.06	22.10	22.10
5	16QAM	12	0	21.23	21.33	21.28
5	16QAM	12	7	21.04	21.23	21.32
5	16QAM	12	13	21.30	21.06	21.11
5	16QAM	25	0	21.19	21.28	21.27
5	64QAM	1	0	21.08	21.31	21.32
5	64QAM	1	12	21.26	21.25	21.24
5	64QAM	1	24	21.30	21.32	21.20
5	64QAM	12	0	20.06	20.35	20.08
5	64QAM	12	7	20.19	20.27	20.21
5	64QAM	12	13	20.28	20.13	20.06
5	64QAM	25	0	20.16	20.26	20.17

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	23.05	22.60	22.57
5	QPSK	1	12	23.28	22.50	22.51
5	QPSK	1	24	23.10	22.49	22.38
5	QPSK	12	0	22.18	21.80	21.75
5	QPSK	12	7	22.22	21.86	21.84
5	QPSK	12	13	22.27	21.81	21.80
5	QPSK	25	0	22.33	21.83	21.80
5	16QAM	1	0	22.05	21.56	21.57
5	16QAM	1	12	22.21	21.87	21.85
5	16QAM	1	24	22.00	21.62	21.62
5	16QAM	12	0	21.24	20.79	20.75
5	16QAM	12	7	21.27	20.86	20.83
5	16QAM	12	13	21.17	20.83	20.71
5	16QAM	25	0	21.10	20.81	20.79
5	64QAM	1	0	20.59	20.49	20.46
5	64QAM	1	12	21.01	20.56	20.49
5	64QAM	1	24	20.50	20.29	20.26
5	64QAM	12	0	20.15	19.90	19.85
5	64QAM	12	7	20.23	19.97	19.91
5	64QAM	12	13	20.07	19.91	19.89
5	64QAM	25	0	20.00	19.86	19.81

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.20	/
15	QPSK	1	37	/	23.07	/
15	QPSK	1	74	/	22.92	/
15	QPSK	36	0	/	22.26	/
15	QPSK	36	20	/	22.24	/
15	QPSK	36	39	/	22.20	/
15	QPSK	75	0	/	22.30	/
15	16QAM	1	0	/	22.34	/
15	16QAM	1	37	/	22.11	/
15	16QAM	1	74	/	22.09	/
15	16QAM	36	0	/	21.34	/
15	16QAM	36	20	/	21.19	/
15	16QAM	36	39	/	21.21	/
15	16QAM	75	0	/	21.08	/
15	64QAM	1	0	/	21.32	/
15	64QAM	1	37	/	21.24	/
15	64QAM	1	74	/	21.12	/
15	64QAM	36	0	/	20.29	/
15	64QAM	36	20	/	20.03	/
15	64QAM	36	39	/	20.26	/
15	64QAM	75	0	/	20.23	/

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.11	23.16	23.14
10	QPSK	1	25	23.01	23.08	23.10
10	QPSK	1	49	22.98	23.00	23.03
10	QPSK	25	0	22.15	22.28	22.21
10	QPSK	25	12	22.08	22.08	22.26
10	QPSK	25	25	22.04	22.09	22.23
10	QPSK	50	0	22.12	22.00	22.22
10	16QAM	1	0	22.07	22.22	22.20
10	16QAM	1	25	22.15	22.07	22.15
10	16QAM	1	49	22.15	22.14	21.97
10	16QAM	25	0	21.24	21.26	21.12
10	16QAM	25	12	21.02	21.13	21.15
10	16QAM	25	25	21.20	21.08	21.20
10	16QAM	50	0	21.16	21.25	21.22
10	64QAM	1	0	21.20	21.24	21.15
10	64QAM	1	25	21.24	21.31	21.29
10	64QAM	1	49	21.08	21.15	21.08
10	64QAM	25	0	20.20	20.28	20.27
10	64QAM	25	12	20.06	20.14	20.23
10	64QAM	25	25	20.28	20.08	20.16
10	64QAM	50	0	20.13	20.20	20.09

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.12	23.15	23.02
5	QPSK	1	12	22.98	23.04	23.11
5	QPSK	1	24	23.05	22.87	22.91
5	QPSK	12	0	22.14	22.28	22.11
5	QPSK	12	7	22.13	22.19	22.26
5	QPSK	12	13	22.16	21.96	22.25
5	QPSK	25	0	22.23	22.24	22.15
5	16QAM	1	0	22.24	22.29	22.24
5	16QAM	1	12	22.19	22.14	22.08
5	16QAM	1	24	21.98	22.26	22.20
5	16QAM	12	0	21.32	21.29	21.30
5	16QAM	12	7	21.07	21.18	21.04
5	16QAM	12	13	21.06	21.20	21.07
5	16QAM	25	0	21.27	21.19	21.13
5	64QAM	1	0	21.28	21.30	21.29
5	64QAM	1	12	21.33	21.11	21.34
5	64QAM	1	24	21.15	21.29	21.14
5	64QAM	12	0	20.18	20.37	20.29
5	64QAM	12	7	20.11	20.20	20.07
5	64QAM	12	13	20.03	20.22	20.06
5	64QAM	25	0	20.14	20.25	20.20

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	23.20	23.24	23.16
20	QPSK	1	49	23.11	23.06	23.09
20	QPSK	1	99	23.05	23.12	23.03
20	QPSK	50	0	22.25	22.27	22.18
20	QPSK	50	24	22.07	22.18	22.15
20	QPSK	50	50	22.11	22.27	22.06
20	QPSK	100	0	22.10	22.16	22.05
20	16QAM	1	0	22.18	22.27	22.21
20	16QAM	1	49	22.09	22.10	22.13
20	16QAM	1	99	22.14	22.11	22.13
20	16QAM	50	0	21.11	21.30	21.22
20	16QAM	50	24	21.06	21.19	21.27
20	16QAM	50	50	21.10	21.23	21.20
20	16QAM	100	0	21.14	21.18	21.06
20	64QAM	1	0	21.27	21.38	21.36
20	64QAM	1	49	21.24	21.19	21.23
20	64QAM	1	99	21.18	21.21	21.14
20	64QAM	50	0	20.16	20.29	20.24
20	64QAM	50	24	20.12	20.18	20.22
20	64QAM	50	50	20.09	20.20	20.27
20	64QAM	100	0	20.10	20.05	20.18

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.10	23.22	23.15
15	QPSK	1	37	23.02	23.15	23.07
15	QPSK	1	74	22.98	23.01	23.12
15	QPSK	36	0	22.28	22.31	22.17
15	QPSK	36	20	22.03	22.29	22.12
15	QPSK	36	39	22.14	22.18	22.18
15	QPSK	75	0	22.17	22.23	22.18
15	16QAM	1	0	22.34	22.29	22.34
15	16QAM	1	37	22.08	22.21	22.24
15	16QAM	1	74	22.11	22.21	22.19
15	16QAM	36	0	21.20	21.25	21.21
15	16QAM	36	20	21.07	21.16	21.15
15	16QAM	36	39	21.13	21.08	21.14
15	16QAM	75	0	21.24	21.28	20.97
15	64QAM	1	0	21.20	21.27	21.13
15	64QAM	1	37	21.23	21.24	21.04
15	64QAM	1	74	21.11	21.04	21.27
15	64QAM	36	0	20.06	20.29	20.14
15	64QAM	36	20	20.05	20.16	20.10
15	64QAM	36	39	20.25	20.12	20.24
15	64QAM	75	0	20.09	20.17	20.04

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.13	23.19	23.05
10	QPSK	1	25	23.06	23.12	22.97
10	QPSK	1	49	23.15	23.03	23.01
10	QPSK	25	0	22.27	22.28	22.19
10	QPSK	25	12	22.12	22.20	22.18
10	QPSK	25	25	22.11	22.24	22.02
10	QPSK	50	0	22.08	22.10	22.17
10	16QAM	1	0	22.11	22.29	22.27
10	16QAM	1	25	22.09	22.23	22.09
10	16QAM	1	49	22.07	22.15	22.16
10	16QAM	25	0	21.07	21.26	21.05
10	16QAM	25	12	21.20	21.22	21.22
10	16QAM	25	25	21.05	21.00	21.09
10	16QAM	50	0	21.04	21.25	21.15
10	64QAM	1	0	21.24	21.27	21.26
10	64QAM	1	25	21.03	21.20	21.10
10	64QAM	1	49	21.09	21.04	21.11
10	64QAM	25	0	20.17	20.26	20.21
10	64QAM	25	12	20.01	20.10	20.16
10	64QAM	25	25	20.08	20.03	20.18
10	64QAM	50	0	20.08	20.19	20.04

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.08	23.20	23.09
5	QPSK	1	12	23.00	23.05	22.96
5	QPSK	1	24	23.12	23.06	23.05
5	QPSK	12	0	22.12	22.35	22.22
5	QPSK	12	7	22.14	22.34	22.23
5	QPSK	12	13	22.09	22.27	22.18
5	QPSK	25	0	22.28	22.29	22.25
5	16QAM	1	0	22.12	22.32	22.04
5	16QAM	1	12	22.06	22.23	22.22
5	16QAM	1	24	22.11	22.14	22.21
5	16QAM	12	0	21.13	21.25	21.23
5	16QAM	12	7	21.09	21.19	21.16
5	16QAM	12	13	21.03	21.10	21.11
5	16QAM	25	0	21.16	21.22	20.97
5	64QAM	1	0	21.24	21.31	21.26
5	64QAM	1	12	21.02	21.18	21.15
5	64QAM	1	24	21.16	21.12	21.16
5	64QAM	12	0	20.11	20.24	20.08
5	64QAM	12	7	20.07	20.07	20.07
5	64QAM	12	13	20.19	19.98	20.23
5	64QAM	25	0	20.19	20.23	20.07

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.05	23.21	23.09
3	QPSK	1	8	23.15	23.09	23.18
3	QPSK	1	14	23.19	23.12	23.08
3	QPSK	8	0	22.07	22.32	22.23
3	QPSK	8	4	22.13	22.09	22.20
3	QPSK	8	7	22.08	22.22	22.19
3	QPSK	15	0	22.27	22.33	22.16
3	16QAM	1	0	22.22	22.25	22.24
3	16QAM	1	8	22.18	22.16	22.04
3	16QAM	1	14	22.12	22.07	22.20
3	16QAM	8	0	21.09	21.27	21.29
3	16QAM	8	4	21.12	21.10	21.13
3	16QAM	8	7	21.11	21.08	21.12
3	16QAM	15	0	21.06	21.22	21.07
3	64QAM	1	0	21.21	21.26	21.20
3	64QAM	1	8	21.06	21.25	21.02
3	64QAM	1	14	21.13	21.03	21.24
3	64QAM	8	0	20.06	20.24	20.11
3	64QAM	8	4	20.05	19.98	19.97
3	64QAM	8	7	20.26	20.27	20.05
3	64QAM	15	0	19.91	20.11	19.88

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.14	23.18	23.06
1.4	QPSK	1	3	23.01	23.09	23.04
1.4	QPSK	1	5	22.98	23.13	23.00
1.4	QPSK	3	0	22.25	22.32	22.32
1.4	QPSK	3	1	22.10	22.17	22.24
1.4	QPSK	3	3	22.04	22.15	22.14
1.4	QPSK	6	0	22.14	22.32	22.15
1.4	16QAM	1	0	22.24	22.28	22.21
1.4	16QAM	1	3	22.00	22.07	22.08
1.4	16QAM	1	5	22.11	22.04	22.07
1.4	16QAM	3	0	21.23	21.30	21.08
1.4	16QAM	3	1	21.08	21.03	21.13
1.4	16QAM	3	3	21.17	21.20	21.23
1.4	16QAM	6	0	21.10	21.24	21.26
1.4	64QAM	1	0	21.29	21.28	21.26
1.4	64QAM	1	3	21.09	21.27	21.22
1.4	64QAM	1	5	21.16	21.23	21.11
1.4	64QAM	3	0	20.02	20.26	20.26
1.4	64QAM	3	1	20.11	20.20	20.25
1.4	64QAM	3	3	20.28	20.10	20.09
1.4	64QAM	6	0	20.07	20.21	20.20

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.19	23.26	23.26
15	QPSK	1	37	23.21	23.01	23.18
15	QPSK	1	74	23.15	23.38	23.37
15	QPSK	36	0	22.52	22.51	22.53
15	QPSK	36	20	22.51	22.57	22.61
15	QPSK	36	39	22.57	22.47	22.58
15	QPSK	75	0	22.12	22.54	22.60
15	16QAM	1	0	22.29	22.26	22.27
15	16QAM	1	37	22.76	22.55	22.54
15	16QAM	1	74	22.35	22.18	22.19
15	16QAM	36	0	21.49	21.48	21.56
15	16QAM	36	20	21.42	21.56	21.64
15	16QAM	36	39	21.35	21.52	21.61
15	16QAM	75	0	21.46	21.52	21.54
15	64QAM	1	0	21.27	21.06	21.08
15	64QAM	1	37	21.48	21.30	21.31
15	64QAM	1	74	21.19	21.18	21.24
15	64QAM	36	0	20.51	20.55	20.59
15	64QAM	36	20	20.50	20.60	20.67
15	64QAM	36	39	20.44	20.55	20.62
15	64QAM	75	0	20.48	20.52	20.50

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.34	23.32	23.35
10	QPSK	1	25	23.52	23.51	23.13
10	QPSK	1	49	23.42	23.33	23.31
10	QPSK	25	0	22.58	22.58	22.52
10	QPSK	25	12	22.56	22.56	22.39
10	QPSK	25	25	22.21	22.54	22.43
10	QPSK	50	0	22.27	22.52	22.45
10	16QAM	1	0	22.21	22.72	22.26
10	16QAM	1	25	22.40	22.87	22.68
10	16QAM	1	49	22.28	22.75	22.51
10	16QAM	25	0	21.36	21.58	21.52
10	16QAM	25	12	21.36	21.59	21.48
10	16QAM	25	25	21.50	21.38	21.45
10	16QAM	50	0	21.39	21.52	21.56
10	64QAM	1	0	21.22	21.43	21.40
10	64QAM	1	25	21.35	21.54	21.27
10	64QAM	1	49	21.23	21.39	21.29
10	64QAM	25	0	20.50	20.52	20.56
10	64QAM	25	12	20.52	20.57	20.54
10	64QAM	25	25	20.40	20.50	20.45
10	64QAM	50	0	20.46	20.52	20.53

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.17	23.19	23.34
5	QPSK	1	12	23.47	23.49	23.44
5	QPSK	1	24	23.23	23.19	23.38
5	QPSK	12	0	22.39	22.38	22.53
5	QPSK	12	7	22.35	22.44	22.61
5	QPSK	12	13	22.28	22.50	22.54
5	QPSK	25	0	22.49	22.44	22.61
5	16QAM	1	0	22.55	22.63	22.61
5	16QAM	1	12	22.74	22.83	22.49
5	16QAM	1	24	22.63	22.63	22.14
5	16QAM	12	0	21.36	21.53	21.64
5	16QAM	12	7	21.51	21.51	21.65
5	16QAM	12	13	21.46	21.48	21.56
5	16QAM	25	0	21.46	21.51	21.60
5	64QAM	1	0	21.43	21.37	21.33
5	64QAM	1	12	21.61	21.35	21.23
5	64QAM	1	24	21.34	21.31	21.12
5	64QAM	12	0	20.46	20.50	20.70
5	64QAM	12	7	20.55	20.62	20.74
5	64QAM	12	13	20.49	20.58	20.64
5	64QAM	25	0	20.47	20.48	20.67

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.76	23.00	23.04
3	QPSK	1	8	22.77	22.97	23.04
3	QPSK	1	14	22.79	22.97	23.00
3	QPSK	8	0	21.76	22.04	22.45
3	QPSK	8	4	21.79	22.06	22.50
3	QPSK	8	7	22.02	22.04	22.49
3	QPSK	15	0	21.68	22.03	22.47
3	16QAM	1	0	21.93	22.12	22.63
3	16QAM	1	8	21.92	22.10	22.71
3	16QAM	1	14	22.09	22.07	22.60
3	16QAM	8	0	20.97	21.06	21.63
3	16QAM	8	4	21.04	21.08	21.66
3	16QAM	8	7	21.00	21.10	21.64
3	16QAM	15	0	20.98	21.05	21.50
3	64QAM	1	0	20.61	20.93	21.43
3	64QAM	1	8	20.56	20.72	21.44
3	64QAM	1	14	20.59	20.88	21.40
3	64QAM	8	0	20.09	20.14	20.70
3	64QAM	8	4	20.10	20.14	20.64
3	64QAM	8	7	20.13	20.14	20.59
3	64QAM	15	0	19.97	20.07	20.53

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.58	22.69	22.75
1.4	QPSK	1	3	22.80	22.96	22.89
1.4	QPSK	1	5	22.55	22.71	22.75
1.4	QPSK	3	0	22.85	22.92	22.92
1.4	QPSK	3	1	22.88	22.96	22.84
1.4	QPSK	3	3	22.80	22.92	22.80
1.4	QPSK	6	0	21.78	21.64	22.05
1.4	16QAM	1	0	21.89	22.02	22.10
1.4	16QAM	1	3	22.01	22.07	22.23
1.4	16QAM	1	5	21.85	21.98	21.99
1.4	16QAM	3	0	21.86	21.62	21.96
1.4	16QAM	3	1	21.94	21.82	22.01
1.4	16QAM	3	3	21.95	21.83	22.00
1.4	16QAM	6	0	21.03	21.06	21.05
1.4	64QAM	1	0	20.47	20.50	20.73
1.4	64QAM	1	3	20.57	20.65	20.88
1.4	64QAM	1	5	20.47	20.57	20.68
1.4	64QAM	3	0	21.06	21.05	21.14
1.4	64QAM	3	1	21.12	21.15	21.20
1.4	64QAM	3	3	21.08	20.95	21.07
1.4	64QAM	6	0	19.95	19.95	20.01

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.01	23.03	22.96
20	QPSK	1	49	22.94	23.00	22.97
20	QPSK	1	99	22.87	22.90	22.98
20	QPSK	50	0	22.10	22.19	22.15
20	QPSK	50	24	22.07	22.13	22.01
20	QPSK	50	50	22.00	22.04	22.01
20	QPSK	100	0	21.99	22.08	21.87
20	16QAM	1	0	22.06	22.15	22.07
20	16QAM	1	49	21.93	22.01	21.97
20	16QAM	1	99	21.98	22.03	22.01
20	16QAM	50	0	21.13	21.16	20.99
20	16QAM	50	24	20.94	21.00	21.09
20	16QAM	50	50	21.04	21.01	20.95
20	16QAM	100	0	20.93	21.03	21.02
20	64QAM	1	0	21.01	21.17	21.15
20	64QAM	1	49	21.07	20.96	21.04
20	64QAM	1	99	20.90	21.06	20.93
20	64QAM	50	0	20.04	20.16	20.14
20	64QAM	50	24	20.11	20.09	19.99
20	64QAM	50	50	19.99	20.05	19.92
20	64QAM	100	0	19.85	19.99	19.81

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.93	22.96	22.92
15	QPSK	1	37	22.93	22.93	22.83
15	QPSK	1	74	22.87	22.85	22.76
15	QPSK	36	0	22.01	22.09	22.08
15	QPSK	36	20	21.87	21.95	21.86
15	QPSK	36	39	21.86	21.89	21.87
15	QPSK	75	0	21.88	21.82	22.01
15	16QAM	1	0	21.92	22.16	22.07
15	16QAM	1	37	22.00	21.80	22.03
15	16QAM	1	74	21.85	21.95	21.91
15	16QAM	36	0	20.82	21.08	21.01
15	16QAM	36	20	21.06	20.88	20.89
15	16QAM	36	39	20.92	21.06	20.75
15	16QAM	75	0	20.99	20.95	21.04
15	64QAM	1	0	20.96	20.93	21.07
15	64QAM	1	37	21.08	21.13	20.96
15	64QAM	1	74	21.03	21.16	20.96
15	64QAM	36	0	20.07	20.13	20.11
15	64QAM	36	20	19.91	20.02	20.00
15	64QAM	36	39	19.82	20.11	20.05
15	64QAM	75	0	19.91	20.00	19.95

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.88	22.98	22.94
10	QPSK	1	25	22.91	22.87	22.93
10	QPSK	1	49	22.76	22.91	22.78
10	QPSK	25	0	21.99	22.08	22.01
10	QPSK	25	12	21.94	22.00	21.97
10	QPSK	25	25	21.93	21.95	21.96
10	QPSK	50	0	21.93	22.00	22.11
10	16QAM	1	0	21.88	22.07	22.02
10	16QAM	1	25	21.94	21.91	21.92
10	16QAM	1	49	21.78	21.85	21.80
10	16QAM	25	0	21.04	21.10	20.92
10	16QAM	25	12	20.80	20.84	21.03
10	16QAM	25	25	20.95	21.08	21.02
10	16QAM	50	0	20.93	20.96	21.11
10	64QAM	1	0	20.89	21.11	20.94
10	64QAM	1	25	20.91	20.99	21.04
10	64QAM	1	49	20.91	21.09	20.84
10	64QAM	25	0	20.08	20.16	20.15
10	64QAM	25	12	19.90	19.87	19.96
10	64QAM	25	25	20.06	19.95	20.15
10	64QAM	50	0	19.82	19.93	19.79

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.91	22.97	22.94
5	QPSK	1	12	22.85	22.89	22.90
5	QPSK	1	24	22.85	22.86	22.89
5	QPSK	12	0	22.10	22.12	22.10
5	QPSK	12	7	21.87	22.04	21.95
5	QPSK	12	13	21.91	21.84	21.87
5	QPSK	25	0	22.11	22.10	21.95
5	16QAM	1	0	21.85	22.01	21.89
5	16QAM	1	12	21.75	21.76	21.97
5	16QAM	1	24	21.84	21.99	21.82
5	16QAM	12	0	21.12	21.07	21.03
5	16QAM	12	7	20.91	20.94	21.09
5	16QAM	12	13	20.88	21.08	21.00
5	16QAM	25	0	20.85	20.94	20.83
5	64QAM	1	0	20.97	21.14	21.11
5	64QAM	1	12	20.88	21.12	21.02
5	64QAM	1	24	20.91	20.94	21.03
5	64QAM	12	0	19.90	20.08	19.98
5	64QAM	12	7	20.06	19.94	19.85
5	64QAM	12	13	19.88	19.87	19.85
5	64QAM	25	0	19.79	20.05	19.85

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	21.17	/
10	QPSK	1	25	/	21.08	/
10	QPSK	1	49	/	21.03	/
10	QPSK	25	0	/	20.21	/
10	QPSK	25	12	/	20.16	/
10	QPSK	25	25	/	20.12	/
10	QPSK	50	0	/	20.11	/
10	16QAM	1	0	/	20.19	/
10	16QAM	1	25	/	20.08	/
10	16QAM	1	49	/	20.06	/
10	16QAM	25	0	/	19.20	/
10	16QAM	25	12	/	19.14	/
10	16QAM	25	25	/	19.05	/
10	16QAM	50	0	/	19.19	/
10	64QAM	1	0	/	19.11	/
10	64QAM	1	25	/	19.13	/
10	64QAM	1	49	/	19.08	/
10	64QAM	25	0	/	18.30	/
10	64QAM	25	12	/	18.16	/
10	64QAM	25	25	/	18.13	/
10	64QAM	50	0	/	18.20	/

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	21.09	21.12	21.05
5	QPSK	1	12	21.04	21.10	21.01
5	QPSK	1	24	20.94	21.06	21.07
5	QPSK	12	0	20.13	20.14	20.16
5	QPSK	12	7	20.22	20.19	20.06
5	QPSK	12	13	20.06	20.30	20.08
5	QPSK	25	0	20.27	20.35	20.14
5	16QAM	1	0	20.29	20.27	20.17
5	16QAM	1	12	20.06	20.03	20.18
5	16QAM	1	24	20.11	20.12	19.96
5	16QAM	12	0	19.21	19.33	19.30
5	16QAM	12	7	19.04	19.14	19.07
5	16QAM	12	13	19.07	19.31	19.02
5	16QAM	25	0	19.20	19.24	19.21
5	64QAM	1	0	19.22	19.38	19.21
5	64QAM	1	12	19.32	19.15	19.15
5	64QAM	1	24	19.11	19.16	19.25
5	64QAM	12	0	18.12	18.29	18.34
5	64QAM	12	7	18.26	18.27	18.25
5	64QAM	12	13	18.24	18.28	18.32
5	64QAM	25	0	18.04	18.15	18.14

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	21.12	/
10	QPSK	1	25	/	21.08	/
10	QPSK	1	49	/	21.06	/
10	QPSK	25	0	/	20.23	/
10	QPSK	25	12	/	20.13	/
10	QPSK	25	25	/	20.17	/
10	QPSK	50	0	/	20.12	/
10	16QAM	1	0	/	20.09	/
10	16QAM	1	25	/	20.07	/
10	16QAM	1	49	/	20.09	/
10	16QAM	25	0	/	19.15	/
10	16QAM	25	12	/	19.26	/
10	16QAM	25	25	/	19.12	/
10	16QAM	50	0	/	19.19	/
10	64QAM	1	0	/	19.21	/
10	64QAM	1	25	/	19.17	/
10	64QAM	1	49	/	19.10	/
10	64QAM	25	0	/	18.29	/
10	64QAM	25	12	/	18.25	/
10	64QAM	25	25	/	18.16	/
10	64QAM	50	0	/	18.19	/

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	21.07	21.09	21.05
5	QPSK	1	12	20.92	21.07	20.89
5	QPSK	1	24	20.98	20.96	20.80
5	QPSK	12	0	20.17	20.27	20.24
5	QPSK	12	7	20.01	20.27	20.04
5	QPSK	12	13	20.07	20.05	19.99
5	QPSK	25	0	20.01	20.15	20.02
5	16QAM	1	0	20.17	20.14	20.12
5	16QAM	1	12	20.02	20.15	20.13
5	16QAM	1	24	19.98	19.99	20.02
5	16QAM	12	0	19.13	19.18	19.17
5	16QAM	12	7	19.17	19.04	19.04
5	16QAM	12	13	19.11	19.02	19.19
5	16QAM	25	0	19.06	19.19	19.00
5	64QAM	1	0	19.15	19.29	19.07
5	64QAM	1	12	19.08	19.22	19.08
5	64QAM	1	24	19.07	19.12	19.05
5	64QAM	12	0	18.06	18.10	18.18
5	64QAM	12	7	18.02	18.20	18.14
5	64QAM	12	13	18.09	17.99	17.99
5	64QAM	25	0	17.92	18.05	18.04

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	22.97	23.08	22.99
20	QPSK	1	49	22.80	23.04	22.94
20	QPSK	1	99	22.91	22.84	22.92
20	QPSK	50	0	22.11	22.25	22.16
20	QPSK	50	24	21.99	22.24	21.86
20	QPSK	50	50	21.90	21.90	21.87
20	QPSK	100	0	21.96	22.17	22.02
20	16QAM	1	0	22.12	22.11	21.95
20	16QAM	1	49	21.83	21.86	21.85
20	16QAM	1	99	21.78	22.09	22.00
20	16QAM	50	0	20.90	21.07	20.97
20	16QAM	50	24	20.97	20.99	20.95
20	16QAM	50	50	20.84	21.05	20.70
20	16QAM	100	0	20.74	21.06	20.89
20	64QAM	1	0	20.95	21.16	20.89
20	64QAM	1	49	21.06	21.10	20.99
20	64QAM	1	99	20.88	21.09	20.96
20	64QAM	50	0	20.00	20.13	19.97
20	64QAM	50	24	19.85	20.00	19.82
20	64QAM	50	50	19.91	20.01	19.87
20	64QAM	100	0	19.95	20.03	19.86

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.86	23.03	22.77
15	QPSK	1	37	22.99	22.94	22.94
15	QPSK	1	74	22.83	23.00	22.92
15	QPSK	36	0	22.01	22.24	21.98
15	QPSK	36	20	21.87	22.01	21.81
15	QPSK	36	39	21.82	21.82	21.86
15	QPSK	75	0	21.80	22.00	21.87
15	16QAM	1	0	21.83	22.11	21.85
15	16QAM	1	37	21.90	21.93	21.96
15	16QAM	1	74	21.88	21.93	21.93
15	16QAM	36	0	20.81	21.00	21.00
15	16QAM	36	20	20.98	20.92	20.96
15	16QAM	36	39	20.82	20.91	20.86
15	16QAM	75	0	20.89	21.16	21.00
15	64QAM	1	0	20.98	21.02	21.07
15	64QAM	1	37	20.87	21.03	20.97
15	64QAM	1	74	20.86	21.11	20.92
15	64QAM	36	0	19.84	20.13	19.75
15	64QAM	36	20	19.88	19.76	19.81
15	64QAM	36	39	19.77	20.06	19.78
15	64QAM	75	0	19.61	19.87	19.87

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	22.93	23.04	22.97
10	QPSK	1	25	22.80	22.98	22.89
10	QPSK	1	49	22.92	22.77	22.84
10	QPSK	25	0	21.88	22.04	21.71
10	QPSK	25	12	21.80	21.93	21.71
10	QPSK	25	25	21.88	21.96	21.77
10	QPSK	50	0	21.93	22.05	21.83
10	16QAM	1	0	21.88	21.96	22.13
10	16QAM	1	25	21.84	22.04	21.86
10	16QAM	1	49	22.01	21.88	22.05
10	16QAM	25	0	20.72	21.06	20.74
10	16QAM	25	12	20.81	20.93	20.97
10	16QAM	25	25	20.84	20.87	20.87
10	16QAM	50	0	20.91	21.00	20.77
10	64QAM	1	0	20.86	21.04	21.08
10	64QAM	1	25	21.02	21.08	20.88
10	64QAM	1	49	20.84	21.01	21.02
10	64QAM	25	0	19.98	20.05	19.80
10	64QAM	25	12	19.97	19.85	19.87
10	64QAM	25	25	19.70	19.82	19.82
10	64QAM	50	0	19.73	19.82	19.83

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	22.99	23.02	22.89
5	QPSK	1	12	22.79	23.01	22.77
5	QPSK	1	24	22.77	22.70	22.79
5	QPSK	12	0	21.84	22.01	21.90
5	QPSK	12	7	21.73	21.94	21.74
5	QPSK	12	13	21.91	21.96	21.67
5	QPSK	25	0	21.84	21.91	21.83
5	16QAM	1	0	22.00	21.99	22.00
5	16QAM	1	12	21.98	21.94	21.79
5	16QAM	1	24	21.96	22.02	21.97
5	16QAM	12	0	21.03	21.00	20.98
5	16QAM	12	7	20.87	20.80	20.91
5	16QAM	12	13	20.69	20.85	20.87
5	16QAM	25	0	20.86	20.88	20.69
5	64QAM	1	0	20.81	20.99	20.98
5	64QAM	1	12	20.96	21.09	20.81
5	64QAM	1	24	20.85	21.04	20.88
5	64QAM	12	0	19.81	19.99	19.72
5	64QAM	12	7	19.85	19.97	19.83
5	64QAM	12	13	19.88	19.86	19.78
5	64QAM	25	0	19.63	19.92	19.61

Effective Radiated Power and Effective Isotropic Radiated Power

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	26.82	0.481	26.86	0.485	26.79	0.478
20	QPSK	1	49	26.78	0.476	26.83	0.482	26.77	0.475
20	QPSK	1	99	26.77	0.475	26.73	0.471	26.74	0.472
20	QPSK	50	0	25.96	0.394	25.99	0.397	25.95	0.394
20	QPSK	50	24	25.75	0.376	25.95	0.394	25.90	0.389
20	QPSK	50	50	25.70	0.372	25.84	0.384	25.79	0.379
20	QPSK	100	0	25.82	0.382	25.88	0.387	25.85	0.385
20	16QAM	1	0	25.89	0.388	25.98	0.396	25.92	0.391
20	16QAM	1	49	25.78	0.378	25.79	0.379	25.93	0.392
20	16QAM	1	99	25.73	0.374	25.81	0.381	25.84	0.384
20	16QAM	50	0	24.87	0.307	24.96	0.313	24.94	0.312
20	16QAM	50	24	24.77	0.300	24.78	0.301	24.88	0.308
20	16QAM	50	50	24.78	0.301	24.87	0.307	24.80	0.302
20	16QAM	100	0	24.80	0.302	24.88	0.308	24.84	0.305
20	64QAM	1	0	24.88	0.308	24.97	0.314	24.96	0.313
20	64QAM	1	49	24.89	0.308	24.93	0.311	24.91	0.310
20	64QAM	1	99	24.78	0.301	24.90	0.309	24.84	0.305
20	64QAM	50	0	23.83	0.242	23.94	0.248	23.90	0.245
20	64QAM	50	24	23.80	0.240	23.80	0.240	23.82	0.241
20	64QAM	50	50	23.84	0.242	23.86	0.243	23.88	0.244
20	64QAM	100	0	23.78	0.239	23.83	0.242	23.77	0.238

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	26.81	0.480	26.82	0.481	26.78	0.476
15	QPSK	1	37	26.76	0.474	26.78	0.476	26.75	0.473
15	QPSK	1	74	26.74	0.472	26.76	0.474	26.71	0.469
15	QPSK	36	0	25.92	0.391	25.96	0.394	25.93	0.392
15	QPSK	36	20	25.72	0.373	25.80	0.380	25.92	0.391
15	QPSK	36	39	25.75	0.376	25.73	0.374	25.85	0.385
15	QPSK	75	0	25.88	0.387	25.90	0.389	25.81	0.381
15	16QAM	1	0	25.92	0.391	25.99	0.397	25.83	0.383
15	16QAM	1	37	25.94	0.393	25.82	0.382	25.90	0.389
15	16QAM	1	74	25.82	0.382	25.96	0.394	25.86	0.385
15	16QAM	36	0	24.90	0.309	24.98	0.315	24.96	0.313
15	16QAM	36	20	24.88	0.308	24.97	0.314	24.78	0.301
15	16QAM	36	39	24.67	0.293	24.85	0.305	24.73	0.297
15	16QAM	75	0	24.79	0.301	24.86	0.306	24.70	0.295
15	64QAM	1	0	24.81	0.303	24.95	0.313	24.90	0.309
15	64QAM	1	37	24.80	0.302	24.75	0.299	24.71	0.296
15	64QAM	1	74	24.71	0.296	24.82	0.303	24.79	0.301
15	64QAM	36	0	23.93	0.247	23.96	0.249	23.88	0.244
15	64QAM	36	20	23.75	0.237	23.94	0.248	23.67	0.233
15	64QAM	36	39	23.86	0.243	23.67	0.233	23.68	0.233
15	64QAM	75	0	23.78	0.239	23.86	0.243	23.71	0.235

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	26.77	0.475	26.84	0.483	26.81	0.480
10	QPSK	1	25	26.75	0.473	26.79	0.478	26.78	0.476
10	QPSK	1	49	26.68	0.466	26.82	0.481	26.69	0.467
10	QPSK	25	0	25.88	0.387	25.97	0.395	25.97	0.395
10	QPSK	25	12	25.76	0.377	25.81	0.381	25.84	0.384
10	QPSK	25	25	25.74	0.375	25.75	0.376	25.71	0.372
10	QPSK	50	0	25.75	0.376	25.92	0.391	25.83	0.383
10	16QAM	1	0	25.85	0.385	25.99	0.397	25.91	0.390
10	16QAM	1	25	25.84	0.384	25.91	0.390	25.70	0.372
10	16QAM	1	49	25.89	0.388	25.78	0.378	25.79	0.379
10	16QAM	25	0	24.87	0.307	24.96	0.313	24.91	0.310
10	16QAM	25	12	24.70	0.295	24.91	0.310	24.85	0.305
10	16QAM	25	25	24.69	0.294	24.82	0.303	24.88	0.308
10	16QAM	50	0	24.86	0.306	24.94	0.312	24.79	0.301
10	64QAM	1	0	24.91	0.310	24.94	0.312	24.93	0.311
10	64QAM	1	25	24.90	0.309	24.86	0.306	24.88	0.308
10	64QAM	1	49	24.77	0.300	24.83	0.304	24.74	0.298
10	64QAM	25	0	23.77	0.238	23.95	0.248	23.89	0.245
10	64QAM	25	12	23.76	0.238	23.75	0.237	23.81	0.240
10	64QAM	25	25	23.69	0.234	23.86	0.243	23.74	0.237
10	64QAM	50	0	23.67	0.233	23.71	0.235	23.78	0.239

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	26.75	0.473	26.86	0.485	26.80	0.479
5	QPSK	1	12	26.83	0.482	26.81	0.480	26.81	0.480
5	QPSK	1	24	26.71	0.469	26.75	0.473	26.73	0.471
5	QPSK	12	0	25.90	0.389	26.00	0.398	25.82	0.382
5	QPSK	12	7	25.87	0.386	25.97	0.395	25.88	0.387
5	QPSK	12	13	25.84	0.384	25.79	0.379	25.72	0.373
5	QPSK	25	0	25.75	0.376	25.90	0.389	25.80	0.380
5	16QAM	1	0	25.98	0.396	25.98	0.396	25.97	0.395
5	16QAM	1	12	25.94	0.393	25.74	0.375	25.79	0.379
5	16QAM	1	24	25.90	0.389	25.83	0.383	25.84	0.384
5	16QAM	12	0	24.91	0.310	24.95	0.313	24.94	0.312
5	16QAM	12	7	24.92	0.310	24.84	0.305	24.90	0.309
5	16QAM	12	13	24.78	0.301	24.92	0.310	24.84	0.305
5	16QAM	25	0	24.86	0.306	24.87	0.307	24.92	0.310
5	64QAM	1	0	24.77	0.300	24.96	0.313	24.90	0.309
5	64QAM	1	12	24.73	0.297	24.87	0.307	24.79	0.301
5	64QAM	1	24	24.75	0.299	24.90	0.309	24.75	0.299
5	64QAM	12	0	23.88	0.244	23.91	0.246	23.89	0.245
5	64QAM	12	7	23.73	0.236	23.84	0.242	23.72	0.236
5	64QAM	12	13	23.72	0.236	23.80	0.240	23.69	0.234
5	64QAM	25	0	23.75	0.237	23.74	0.237	23.73	0.236

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	26.79	0.478	26.83	0.482	26.78	0.476
3	QPSK	1	8	26.69	0.467	26.80	0.479	26.77	0.475
3	QPSK	1	14	26.70	0.468	26.79	0.478	26.68	0.466
3	QPSK	8	0	25.79	0.379	25.94	0.393	25.93	0.392
3	QPSK	8	4	25.88	0.387	25.80	0.380	25.72	0.373
3	QPSK	8	7	25.79	0.379	25.82	0.382	25.68	0.370
3	QPSK	15	0	25.80	0.380	25.86	0.385	25.73	0.374
3	16QAM	1	0	25.83	0.383	25.98	0.396	25.96	0.394
3	16QAM	1	8	25.87	0.386	25.91	0.390	25.73	0.374
3	16QAM	1	14	25.76	0.377	25.95	0.394	26.05	0.403
3	16QAM	8	0	24.78	0.301	24.97	0.314	24.94	0.312
3	16QAM	8	4	24.79	0.301	24.72	0.296	24.87	0.307
3	16QAM	8	7	24.73	0.297	24.79	0.301	24.86	0.306
3	16QAM	15	0	24.75	0.299	24.86	0.306	24.83	0.304
3	64QAM	1	0	24.90	0.309	24.96	0.313	24.82	0.303
3	64QAM	1	8	24.82	0.303	24.92	0.310	24.83	0.304
3	64QAM	1	14	24.83	0.304	24.86	0.306	24.87	0.307
3	64QAM	8	0	23.84	0.242	23.89	0.245	23.77	0.238
3	64QAM	8	4	23.87	0.244	23.82	0.241	23.97	0.249
3	64QAM	8	7	23.73	0.236	23.83	0.242	23.81	0.240
3	64QAM	15	0	23.87	0.244	23.89	0.245	23.85	0.243

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	26.77	0.475	26.81	0.480	26.72	0.470
1.4	QPSK	1	3	26.72	0.470	26.76	0.474	26.68	0.466
1.4	QPSK	1	5	26.69	0.467	26.72	0.470	26.74	0.472
1.4	QPSK	3	0	25.91	0.390	25.93	0.392	25.86	0.385
1.4	QPSK	3	1	25.84	0.384	25.77	0.378	25.88	0.387
1.4	QPSK	3	3	25.78	0.378	25.73	0.374	25.86	0.385
1.4	QPSK	6	0	25.67	0.369	25.82	0.382	25.81	0.381
1.4	16QAM	1	0	25.84	0.384	25.94	0.393	25.79	0.379
1.4	16QAM	1	3	25.83	0.383	25.85	0.385	25.78	0.378
1.4	16QAM	1	5	25.80	0.380	25.79	0.379	25.86	0.385
1.4	16QAM	3	0	24.79	0.301	24.76	0.299	24.73	0.297
1.4	16QAM	3	1	24.91	0.310	24.82	0.303	24.88	0.308
1.4	16QAM	3	3	24.70	0.295	24.71	0.296	24.88	0.308
1.4	16QAM	6	0	24.70	0.295	24.89	0.308	24.77	0.300
1.4	64QAM	1	0	25.08	0.322	24.94	0.312	24.98	0.315
1.4	64QAM	1	3	24.90	0.309	24.98	0.315	24.86	0.306
1.4	64QAM	1	5	24.71	0.296	25.02	0.318	24.96	0.313
1.4	64QAM	3	0	23.77	0.238	23.91	0.246	23.71	0.235
1.4	64QAM	3	1	23.83	0.242	23.80	0.240	23.94	0.248
1.4	64QAM	3	3	23.79	0.239	23.83	0.242	23.82	0.241
1.4	64QAM	6	0	23.82	0.241	23.91	0.246	23.92	0.247

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	26.01	0.399	26.05	0.403	25.96	0.394
20	QPSK	1	49	25.88	0.387	26.01	0.399	25.92	0.391
20	QPSK	1	99	25.99	0.397	25.88	0.387	25.87	0.386
20	QPSK	50	0	25.00	0.316	25.06	0.321	25.02	0.318
20	QPSK	50	24	24.99	0.316	24.98	0.315	24.97	0.314
20	QPSK	50	50	24.91	0.310	24.92	0.310	24.95	0.313
20	QPSK	100	0	24.95	0.313	24.96	0.313	24.90	0.309
20	16QAM	1	0	25.09	0.323	25.12	0.325	25.01	0.317
20	16QAM	1	49	24.94	0.312	24.93	0.311	24.99	0.316
20	16QAM	1	99	24.97	0.314	24.87	0.307	24.95	0.313
20	16QAM	50	0	23.96	0.249	24.07	0.255	24.05	0.254
20	16QAM	50	24	24.02	0.252	23.92	0.247	23.92	0.247
20	16QAM	50	50	24.03	0.253	23.99	0.251	23.99	0.251
20	16QAM	100	0	23.88	0.244	23.96	0.249	23.94	0.248
20	64QAM	1	0	23.95	0.248	24.09	0.256	24.07	0.255
20	64QAM	1	49	23.90	0.245	24.04	0.254	23.99	0.251
20	64QAM	1	99	23.91	0.246	24.00	0.251	23.94	0.248
20	64QAM	50	0	22.89	0.195	23.05	0.202	23.00	0.200
20	64QAM	50	24	22.99	0.199	22.89	0.195	22.95	0.197
20	64QAM	50	50	22.91	0.195	22.93	0.196	22.96	0.198
20	64QAM	100	0	22.96	0.198	22.99	0.199	22.88	0.194

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	25.99	0.397	26.02	0.400	25.93	0.392
15	QPSK	1	37	25.96	0.394	25.90	0.389	25.94	0.393
15	QPSK	1	74	25.81	0.381	25.97	0.395	25.76	0.377
15	QPSK	36	0	25.05	0.320	25.13	0.326	24.97	0.314
15	QPSK	36	20	24.90	0.309	25.07	0.321	25.08	0.322
15	QPSK	36	39	24.97	0.314	25.00	0.316	24.79	0.301
15	QPSK	75	0	24.83	0.304	24.87	0.307	25.00	0.316
15	16QAM	1	0	24.99	0.316	25.12	0.325	25.03	0.318
15	16QAM	1	37	24.96	0.313	25.11	0.324	25.06	0.321
15	16QAM	1	74	24.90	0.309	25.08	0.322	24.98	0.315
15	16QAM	36	0	24.01	0.252	24.09	0.256	24.03	0.253
15	16QAM	36	20	23.86	0.243	23.93	0.247	24.03	0.253
15	16QAM	36	39	23.96	0.249	23.99	0.251	23.84	0.242
15	16QAM	75	0	23.89	0.245	23.98	0.250	24.03	0.253
15	64QAM	1	0	24.07	0.255	24.08	0.256	24.02	0.252
15	64QAM	1	37	23.89	0.245	23.94	0.248	24.05	0.254
15	64QAM	1	74	24.05	0.254	23.97	0.249	23.91	0.246
15	64QAM	36	0	23.06	0.202	23.10	0.204	23.02	0.200
15	64QAM	36	20	23.03	0.201	22.90	0.195	23.07	0.203
15	64QAM	36	39	22.95	0.197	23.01	0.200	23.01	0.200
15	64QAM	75	0	22.84	0.192	23.08	0.203	22.90	0.195

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	26.03	0.401	26.02	0.400	25.98	0.396
10	QPSK	1	25	25.94	0.393	25.88	0.387	25.94	0.393
10	QPSK	1	49	26.01	0.399	25.85	0.385	25.86	0.385
10	QPSK	25	0	24.98	0.315	25.12	0.325	25.10	0.324
10	QPSK	25	12	25.09	0.323	25.05	0.320	24.92	0.310
10	QPSK	25	25	24.91	0.310	24.98	0.315	25.01	0.317
10	QPSK	50	0	24.96	0.313	25.13	0.326	25.11	0.324
10	16QAM	1	0	25.01	0.317	25.08	0.322	25.03	0.318
10	16QAM	1	25	24.89	0.308	25.00	0.316	24.98	0.315
10	16QAM	1	49	24.80	0.302	24.99	0.316	24.84	0.305
10	16QAM	25	0	24.06	0.255	24.14	0.259	24.00	0.251
10	16QAM	25	12	24.09	0.256	23.88	0.244	23.98	0.250
10	16QAM	25	25	24.02	0.252	23.95	0.248	24.03	0.253
10	16QAM	50	0	23.88	0.244	24.09	0.256	24.07	0.255
10	64QAM	1	0	24.13	0.259	24.04	0.254	24.13	0.259
10	64QAM	1	25	24.06	0.255	23.97	0.249	24.12	0.258
10	64QAM	1	49	23.96	0.249	24.03	0.253	24.02	0.252
10	64QAM	25	0	22.91	0.195	23.10	0.204	22.97	0.198
10	64QAM	25	12	23.09	0.204	23.02	0.200	23.03	0.201
10	64QAM	25	25	23.00	0.200	23.08	0.203	22.96	0.198
10	64QAM	50	0	22.90	0.195	23.10	0.204	23.04	0.201

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	25.95	0.394	26.02	0.400	26.00	0.398
5	QPSK	1	12	25.87	0.386	25.92	0.391	25.91	0.390
5	QPSK	1	24	25.93	0.392	25.92	0.391	25.93	0.392
5	QPSK	12	0	25.10	0.324	25.14	0.327	24.96	0.313
5	QPSK	12	7	24.96	0.313	25.18	0.330	25.03	0.318
5	QPSK	12	13	25.04	0.319	25.11	0.324	24.84	0.305
5	QPSK	25	0	25.05	0.320	25.08	0.322	25.13	0.326
5	16QAM	1	0	24.98	0.315	25.13	0.326	25.07	0.321
5	16QAM	1	12	25.03	0.318	24.89	0.308	25.03	0.318
5	16QAM	1	24	24.87	0.307	24.85	0.305	25.01	0.317
5	16QAM	12	0	24.00	0.251	24.13	0.259	24.08	0.256
5	16QAM	12	7	23.87	0.244	24.11	0.258	24.01	0.252
5	16QAM	12	13	23.82	0.241	23.99	0.251	24.04	0.254
5	16QAM	25	0	23.89	0.245	24.03	0.253	23.89	0.245
5	64QAM	1	0	24.06	0.255	24.11	0.258	24.04	0.254
5	64QAM	1	12	23.99	0.251	24.07	0.255	24.07	0.255
5	64QAM	1	24	23.92	0.247	24.10	0.257	23.88	0.244
5	64QAM	12	0	23.13	0.206	23.13	0.206	22.93	0.196
5	64QAM	12	7	23.12	0.205	22.89	0.195	22.91	0.195
5	64QAM	12	13	22.96	0.198	23.19	0.208	23.06	0.202
5	64QAM	25	0	23.06	0.202	23.11	0.205	23.12	0.205

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	26.00	0.398	26.03	0.401	25.98	0.396
3	QPSK	1	8	25.88	0.387	25.96	0.394	25.86	0.385
3	QPSK	1	14	25.99	0.397	25.89	0.388	26.02	0.400
3	QPSK	8	0	24.98	0.315	25.12	0.325	25.14	0.327
3	QPSK	8	4	24.91	0.310	24.98	0.315	25.08	0.322
3	QPSK	8	7	24.92	0.310	24.97	0.314	24.97	0.314
3	QPSK	15	0	25.06	0.321	25.16	0.328	24.89	0.308
3	16QAM	1	0	24.92	0.310	25.13	0.326	25.20	0.331
3	16QAM	1	8	24.96	0.313	25.04	0.319	25.11	0.324
3	16QAM	1	14	25.06	0.321	24.84	0.305	24.84	0.305
3	16QAM	8	0	23.99	0.251	24.09	0.256	24.08	0.256
3	16QAM	8	4	24.03	0.253	23.92	0.247	24.01	0.252
3	16QAM	8	7	24.10	0.257	24.10	0.257	24.13	0.259
3	16QAM	15	0	24.00	0.251	24.16	0.261	24.14	0.259
3	64QAM	1	0	24.11	0.258	24.12	0.258	24.07	0.255
3	64QAM	1	8	23.91	0.246	24.08	0.256	24.08	0.256
3	64QAM	1	14	23.88	0.244	24.04	0.254	24.01	0.252
3	64QAM	8	0	23.01	0.200	23.08	0.203	23.04	0.201
3	64QAM	8	4	22.99	0.199	22.82	0.191	23.02	0.200
3	64QAM	8	7	23.05	0.202	22.96	0.198	23.06	0.202
3	64QAM	15	0	22.98	0.199	22.98	0.199	22.97	0.198

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	25.95	0.394	26.00	0.398	25.96	0.394
1.4	QPSK	1	3	25.94	0.393	25.97	0.395	25.82	0.382
1.4	QPSK	1	5	25.85	0.385	25.81	0.381	25.90	0.389
1.4	QPSK	3	0	25.10	0.324	25.17	0.329	25.15	0.327
1.4	QPSK	3	1	25.03	0.318	25.16	0.328	24.93	0.311
1.4	QPSK	3	3	24.92	0.310	25.05	0.320	25.11	0.324
1.4	QPSK	6	0	24.99	0.316	25.15	0.327	25.03	0.318
1.4	16QAM	1	0	25.02	0.318	25.27	0.337	25.28	0.337
1.4	16QAM	1	3	25.12	0.325	24.92	0.310	25.04	0.319
1.4	16QAM	1	5	24.89	0.308	25.07	0.321	25.18	0.330
1.4	16QAM	3	0	24.24	0.265	24.07	0.255	23.96	0.249
1.4	16QAM	3	1	24.07	0.255	23.87	0.244	23.93	0.247
1.4	16QAM	3	3	23.99	0.251	24.21	0.264	23.87	0.244
1.4	16QAM	6	0	23.98	0.250	24.03	0.253	23.91	0.246
1.4	64QAM	1	0	23.97	0.249	24.09	0.256	24.02	0.252
1.4	64QAM	1	3	23.96	0.249	24.01	0.252	24.17	0.261
1.4	64QAM	1	5	23.87	0.244	24.24	0.265	24.15	0.260
1.4	64QAM	3	0	23.01	0.200	23.18	0.208	23.27	0.212
1.4	64QAM	3	1	23.03	0.201	22.99	0.199	22.89	0.195
1.4	64QAM	3	3	23.04	0.201	23.06	0.202	23.00	0.200
1.4	64QAM	6	0	22.83	0.192	22.96	0.198	22.87	0.194

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	21.75	0.150	21.82	0.152	21.79	0.151
10	QPSK	1	25	21.70	0.148	21.77	0.150	21.68	0.147
10	QPSK	1	49	21.67	0.147	21.76	0.150	21.73	0.149
10	QPSK	25	0	20.81	0.121	20.86	0.122	20.83	0.121
10	QPSK	25	12	20.66	0.116	20.84	0.121	20.80	0.120
10	QPSK	25	25	20.60	0.115	20.81	0.121	20.77	0.119
10	QPSK	50	0	20.65	0.116	20.60	0.115	20.67	0.117
10	16QAM	1	0	20.82	0.121	20.93	0.124	20.91	0.123
10	16QAM	1	25	20.78	0.120	20.75	0.119	20.86	0.122
10	16QAM	1	49	20.71	0.118	20.87	0.122	20.76	0.119
10	16QAM	25	0	19.79	0.095	19.89	0.097	19.86	0.097
10	16QAM	25	12	19.77	0.095	19.88	0.097	19.81	0.096
10	16QAM	25	25	19.85	0.097	19.73	0.094	19.79	0.095
10	16QAM	50	0	19.80	0.095	19.81	0.096	19.75	0.094
10	64QAM	1	0	19.85	0.097	19.92	0.098	19.89	0.097
10	64QAM	1	25	19.81	0.096	19.84	0.096	19.91	0.098
10	64QAM	1	49	19.83	0.096	19.83	0.096	19.87	0.097
10	64QAM	25	0	18.82	0.076	18.92	0.078	18.83	0.076
10	64QAM	25	12	18.67	0.074	18.84	0.077	18.85	0.077
10	64QAM	25	25	18.71	0.074	18.68	0.074	18.82	0.076
10	64QAM	50	0	18.82	0.076	18.86	0.077	18.75	0.075

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	21.74	0.149	21.78	0.151	21.75	0.150
5	QPSK	1	12	21.71	0.148	21.73	0.149	21.67	0.147
5	QPSK	1	24	21.67	0.147	21.72	0.149	21.64	0.146
5	QPSK	12	0	20.79	0.120	20.90	0.123	20.84	0.121
5	QPSK	12	7	20.69	0.117	20.89	0.123	20.70	0.117
5	QPSK	12	13	20.65	0.116	20.67	0.117	20.77	0.119
5	QPSK	25	0	20.70	0.117	20.84	0.121	20.79	0.120
5	16QAM	1	0	20.82	0.121	20.88	0.122	20.87	0.122
5	16QAM	1	12	20.72	0.118	20.66	0.116	20.84	0.121
5	16QAM	1	24	20.66	0.116	20.73	0.118	20.85	0.122
5	16QAM	12	0	19.73	0.094	19.91	0.098	19.81	0.096
5	16QAM	12	7	19.77	0.095	19.73	0.094	19.83	0.096
5	16QAM	12	13	19.87	0.097	19.86	0.097	19.81	0.096
5	16QAM	25	0	19.82	0.096	19.87	0.097	19.79	0.095
5	64QAM	1	0	19.90	0.098	19.94	0.099	19.89	0.097
5	64QAM	1	12	19.73	0.094	19.75	0.094	19.88	0.097
5	64QAM	1	24	19.75	0.094	19.77	0.095	19.71	0.094
5	64QAM	12	0	18.87	0.077	18.95	0.079	18.80	0.076
5	64QAM	12	7	18.84	0.077	18.93	0.078	18.69	0.074
5	64QAM	12	13	18.88	0.077	18.92	0.078	18.81	0.076
5	64QAM	25	0	18.83	0.076	18.94	0.078	18.85	0.077

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	21.75	0.150	21.80	0.151	21.78	0.151
3	QPSK	1	8	21.57	0.144	21.65	0.146	21.73	0.149
3	QPSK	1	14	21.66	0.147	21.76	0.150	21.70	0.148
3	QPSK	8	0	20.87	0.122	20.91	0.123	20.87	0.122
3	QPSK	8	4	20.71	0.118	20.83	0.121	20.75	0.119
3	QPSK	8	7	20.74	0.119	20.70	0.117	20.81	0.121
3	QPSK	15	0	20.88	0.122	20.90	0.123	20.87	0.122
3	16QAM	1	0	20.83	0.121	20.89	0.123	20.87	0.122
3	16QAM	1	8	20.73	0.118	20.81	0.121	20.88	0.122
3	16QAM	1	14	20.65	0.116	20.87	0.122	20.83	0.121
3	16QAM	8	0	19.88	0.097	19.94	0.099	19.91	0.098
3	16QAM	8	4	19.71	0.094	19.68	0.093	19.77	0.095
3	16QAM	8	7	19.87	0.097	19.68	0.093	19.76	0.095
3	16QAM	15	0	19.70	0.093	19.75	0.094	19.85	0.097
3	64QAM	1	0	19.87	0.097	19.92	0.098	19.88	0.097
3	64QAM	1	8	19.77	0.095	19.89	0.097	19.79	0.095
3	64QAM	1	14	19.86	0.097	19.88	0.097	19.82	0.096
3	64QAM	8	0	18.67	0.074	18.89	0.077	18.86	0.077
3	64QAM	8	4	18.75	0.075	18.66	0.073	18.61	0.073
3	64QAM	8	7	18.84	0.077	18.84	0.077	18.90	0.078
3	64QAM	15	0	18.64	0.073	18.69	0.074	18.76	0.075

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	21.77	0.150	21.79	0.151	21.73	0.149
1.4	QPSK	1	3	21.72	0.149	21.72	0.149	21.69	0.148
1.4	QPSK	1	5	21.62	0.145	21.74	0.149	21.77	0.150
1.4	QPSK	3	0	20.92	0.124	20.96	0.125	20.91	0.123
1.4	QPSK	3	1	20.73	0.118	20.95	0.124	20.79	0.120
1.4	QPSK	3	3	20.64	0.116	20.84	0.121	20.85	0.122
1.4	QPSK	6	0	20.71	0.118	20.87	0.122	20.84	0.121
1.4	16QAM	1	0	20.93	0.124	20.94	0.124	20.91	0.123
1.4	16QAM	1	3	20.75	0.119	20.61	0.115	20.86	0.122
1.4	16QAM	1	5	20.84	0.121	20.85	0.122	20.74	0.119
1.4	16QAM	3	0	19.87	0.097	19.88	0.097	19.85	0.097
1.4	16QAM	3	1	19.69	0.093	19.79	0.095	19.81	0.096
1.4	16QAM	3	3	19.78	0.095	19.82	0.096	19.85	0.097
1.4	16QAM	6	0	19.82	0.096	19.86	0.097	19.78	0.095
1.4	64QAM	1	0	19.75	0.094	19.84	0.096	19.90	0.098
1.4	64QAM	1	3	20.01	0.100	19.91	0.098	20.04	0.101
1.4	64QAM	1	5	19.72	0.094	19.70	0.093	19.75	0.094
1.4	64QAM	3	0	18.91	0.078	18.81	0.076	18.72	0.074
1.4	64QAM	3	1	18.90	0.078	18.72	0.074	18.76	0.075
1.4	64QAM	3	3	18.81	0.076	18.98	0.079	18.89	0.077
1.4	64QAM	6	0	18.79	0.076	18.87	0.077	18.75	0.075

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	23.12	0.205	23.16	0.207	23.10	0.204
20	QPSK	1	49	22.96	0.198	23.13	0.206	23.08	0.203
20	QPSK	1	99	23.01	0.200	23.02	0.200	23.03	0.201
20	QPSK	50	0	22.16	0.164	22.24	0.167	22.19	0.166
20	QPSK	50	24	22.19	0.166	22.15	0.164	22.18	0.165
20	QPSK	50	50	21.96	0.157	22.12	0.163	21.96	0.157
20	QPSK	100	0	22.06	0.161	22.10	0.162	22.01	0.159
20	16QAM	1	0	22.27	0.169	22.28	0.169	22.23	0.167
20	16QAM	1	49	22.07	0.161	22.09	0.162	22.26	0.168
20	16QAM	1	99	22.09	0.162	22.04	0.160	22.13	0.163
20	16QAM	50	0	21.26	0.134	21.25	0.133	21.24	0.133
20	16QAM	50	24	21.13	0.130	21.20	0.132	21.28	0.134
20	16QAM	50	50	21.13	0.130	21.31	0.135	21.23	0.133
20	16QAM	100	0	21.06	0.128	21.23	0.133	21.16	0.131
20	64QAM	1	0	21.38	0.137	21.40	0.138	21.36	0.137
20	64QAM	1	49	21.39	0.138	21.33	0.136	21.13	0.130
20	64QAM	1	99	21.14	0.130	21.27	0.134	21.21	0.132
20	64QAM	50	0	20.33	0.108	20.39	0.109	20.16	0.104
20	64QAM	50	24	20.08	0.102	20.23	0.105	20.10	0.102
20	64QAM	50	50	20.23	0.105	20.27	0.106	20.27	0.106
20	64QAM	100	0	20.04	0.101	20.12	0.103	20.13	0.103

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	23.06	0.202	23.12	0.205	23.10	0.204
15	QPSK	1	37	23.02	0.200	23.04	0.201	23.00	0.200
15	QPSK	1	74	22.94	0.197	23.10	0.204	22.96	0.198
15	QPSK	36	0	22.13	0.163	22.32	0.171	22.38	0.173
15	QPSK	36	20	22.08	0.161	22.38	0.173	22.33	0.171
15	QPSK	36	39	22.13	0.163	22.31	0.170	22.02	0.159
15	QPSK	75	0	22.26	0.168	22.36	0.172	22.12	0.163
15	16QAM	1	0	22.25	0.168	22.30	0.170	22.39	0.173
15	16QAM	1	37	22.19	0.166	22.14	0.164	22.26	0.168
15	16QAM	1	74	22.06	0.161	22.19	0.166	22.24	0.167
15	16QAM	36	0	21.18	0.131	21.27	0.134	21.18	0.131
15	16QAM	36	20	21.25	0.133	20.97	0.125	21.09	0.129
15	16QAM	36	39	21.13	0.130	21.23	0.133	21.02	0.126
15	16QAM	75	0	21.11	0.129	21.38	0.137	21.21	0.132
15	64QAM	1	0	21.14	0.130	21.44	0.139	21.28	0.134
15	64QAM	1	37	21.26	0.134	21.30	0.135	21.23	0.133
15	64QAM	1	74	21.23	0.133	21.14	0.130	21.16	0.131
15	64QAM	36	0	20.02	0.100	20.34	0.108	20.27	0.106
15	64QAM	36	20	20.22	0.105	20.26	0.106	20.15	0.104
15	64QAM	36	39	20.05	0.101	20.31	0.107	20.28	0.107
15	64QAM	75	0	20.28	0.107	20.18	0.104	20.19	0.104

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	23.08	0.203	23.13	0.206	23.04	0.201
10	QPSK	1	25	22.98	0.199	23.06	0.202	23.06	0.202
10	QPSK	1	49	22.93	0.196	23.04	0.201	22.97	0.198
10	QPSK	25	0	22.15	0.164	22.28	0.169	22.22	0.167
10	QPSK	25	12	22.22	0.167	22.12	0.163	22.20	0.166
10	QPSK	25	25	22.08	0.161	22.17	0.165	22.10	0.162
10	QPSK	50	0	22.03	0.160	22.27	0.169	22.00	0.158
10	16QAM	1	0	22.25	0.168	22.27	0.169	22.30	0.170
10	16QAM	1	25	22.26	0.168	22.21	0.166	22.08	0.161
10	16QAM	1	49	22.12	0.163	22.12	0.163	22.13	0.163
10	16QAM	25	0	21.27	0.134	21.24	0.133	21.22	0.132
10	16QAM	25	12	21.21	0.132	21.17	0.131	21.20	0.132
10	16QAM	25	25	21.20	0.132	21.29	0.135	21.17	0.131
10	16QAM	50	0	21.17	0.131	21.16	0.131	21.02	0.126
10	64QAM	1	0	21.14	0.130	21.30	0.135	21.34	0.136
10	64QAM	1	25	21.22	0.132	21.24	0.133	21.08	0.128
10	64QAM	1	49	21.16	0.131	21.38	0.137	21.17	0.131
10	64QAM	25	0	20.07	0.102	20.31	0.107	20.35	0.108
10	64QAM	25	12	20.26	0.106	20.21	0.105	20.15	0.104
10	64QAM	25	25	20.07	0.102	20.25	0.106	20.34	0.108
10	64QAM	50	0	20.15	0.104	20.22	0.105	20.17	0.104

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	23.12	0.205	23.15	0.207	23.06	0.202
5	QPSK	1	12	23.07	0.203	23.03	0.201	22.94	0.197
5	QPSK	1	24	23.03	0.201	22.96	0.198	23.10	0.204
5	QPSK	12	0	22.20	0.166	22.24	0.167	22.27	0.169
5	QPSK	12	7	22.12	0.163	22.13	0.163	22.19	0.166
5	QPSK	12	13	22.14	0.164	22.27	0.169	22.04	0.160
5	QPSK	25	0	22.01	0.159	22.05	0.160	22.22	0.167
5	16QAM	1	0	22.15	0.164	22.24	0.167	22.24	0.167
5	16QAM	1	12	22.00	0.158	22.29	0.169	22.20	0.166
5	16QAM	1	24	21.96	0.157	22.18	0.165	22.22	0.167
5	16QAM	12	0	21.19	0.132	21.32	0.136	21.20	0.132
5	16QAM	12	7	21.13	0.130	20.97	0.125	21.13	0.130
5	16QAM	12	13	21.15	0.130	21.18	0.131	21.19	0.132
5	16QAM	25	0	21.17	0.131	21.25	0.133	21.31	0.135
5	64QAM	1	0	21.33	0.136	21.31	0.135	21.20	0.132
5	64QAM	1	12	21.19	0.132	21.14	0.130	21.28	0.134
5	64QAM	1	24	21.16	0.131	21.20	0.132	21.21	0.132
5	64QAM	12	0	20.15	0.104	20.24	0.106	20.21	0.105
5	64QAM	12	7	20.11	0.103	20.22	0.105	20.22	0.105
5	64QAM	12	13	20.14	0.103	20.28	0.107	20.18	0.104
5	64QAM	25	0	20.27	0.106	20.08	0.102	20.02	0.100

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	18.28	0.067	18.31	0.068	18.25	0.067
10	QPSK	1	25	18.23	0.067	18.20	0.066	18.29	0.067
10	QPSK	1	49	18.10	0.065	18.11	0.065	18.08	0.064
10	QPSK	25	0	17.33	0.054	17.36	0.054	17.31	0.054
10	QPSK	25	12	17.20	0.052	17.32	0.054	17.33	0.054
10	QPSK	25	25	17.21	0.053	17.20	0.052	17.15	0.052
10	QPSK	50	0	17.26	0.053	17.34	0.054	17.23	0.053
10	16QAM	1	0	17.23	0.053	17.42	0.055	17.34	0.054
10	16QAM	1	25	17.33	0.054	17.32	0.054	17.21	0.053
10	16QAM	1	49	17.18	0.052	17.37	0.055	17.21	0.053
10	16QAM	25	0	16.26	0.042	16.39	0.044	16.34	0.043
10	16QAM	25	12	16.27	0.042	16.21	0.042	16.27	0.042
10	16QAM	25	25	16.19	0.042	16.33	0.043	16.12	0.041
10	16QAM	50	0	16.25	0.042	16.38	0.043	16.30	0.043
10	64QAM	1	0	16.37	0.043	16.39	0.044	16.37	0.043
10	64QAM	1	25	16.33	0.043	16.34	0.043	16.24	0.042
10	64QAM	1	49	16.20	0.042	16.17	0.041	16.35	0.043
10	64QAM	25	0	15.27	0.034	15.35	0.034	15.38	0.035
10	64QAM	25	12	15.32	0.034	15.36	0.034	15.21	0.033
10	64QAM	25	25	15.37	0.034	15.39	0.035	15.19	0.033
10	64QAM	50	0	15.18	0.033	15.33	0.034	15.27	0.034

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	18.26	0.067	18.28	0.067	18.23	0.067
5	QPSK	1	12	18.17	0.066	18.18	0.066	18.19	0.066
5	QPSK	1	24	18.14	0.065	18.22	0.066	18.05	0.064
5	QPSK	12	0	17.32	0.054	17.41	0.055	17.25	0.053
5	QPSK	12	7	17.27	0.053	17.35	0.054	17.28	0.053
5	QPSK	12	13	17.24	0.053	17.17	0.052	17.29	0.054
5	QPSK	25	0	17.23	0.053	17.33	0.054	17.23	0.053
5	16QAM	1	0	17.36	0.054	17.38	0.055	17.30	0.054
5	16QAM	1	12	17.15	0.052	17.32	0.054	17.42	0.055
5	16QAM	1	24	17.22	0.053	17.35	0.054	17.26	0.053
5	16QAM	12	0	16.42	0.044	16.47	0.044	16.34	0.043
5	16QAM	12	7	16.15	0.041	16.19	0.042	16.41	0.044
5	16QAM	12	13	16.19	0.042	16.43	0.044	16.32	0.043
5	16QAM	25	0	16.37	0.043	16.35	0.043	16.24	0.042
5	64QAM	1	0	16.47	0.044	16.45	0.044	16.23	0.042
5	64QAM	1	12	16.26	0.042	16.41	0.044	16.26	0.042
5	64QAM	1	24	16.18	0.041	16.24	0.042	16.21	0.042
5	64QAM	12	0	15.18	0.033	15.41	0.035	15.27	0.034
5	64QAM	12	7	15.21	0.033	15.24	0.033	15.20	0.033
5	64QAM	12	13	15.41	0.035	15.29	0.034	15.16	0.033
5	64QAM	25	0	15.21	0.033	15.14	0.033	15.35	0.034

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	18.21	0.066	18.29	0.067	18.23	0.067
3	QPSK	1	8	18.08	0.064	18.22	0.066	18.21	0.066
3	QPSK	1	14	18.13	0.065	18.14	0.065	18.09	0.064
3	QPSK	8	0	17.37	0.055	17.34	0.054	17.31	0.054
3	QPSK	8	4	17.18	0.052	17.22	0.053	17.24	0.053
3	QPSK	8	7	17.21	0.053	17.19	0.052	17.17	0.052
3	QPSK	15	0	17.36	0.054	17.22	0.053	17.41	0.055
3	16QAM	1	0	17.20	0.052	17.43	0.055	17.19	0.052
3	16QAM	1	8	17.34	0.054	17.06	0.051	17.33	0.054
3	16QAM	1	14	17.23	0.053	17.36	0.054	17.32	0.054
3	16QAM	8	0	16.29	0.043	16.28	0.042	16.26	0.042
3	16QAM	8	4	16.26	0.042	16.09	0.041	16.33	0.043
3	16QAM	8	7	16.28	0.042	16.18	0.041	16.15	0.041
3	16QAM	15	0	16.42	0.044	16.46	0.044	16.46	0.044
3	64QAM	1	0	16.43	0.044	16.36	0.043	16.50	0.045
3	64QAM	1	8	16.29	0.043	16.26	0.042	16.35	0.043
3	64QAM	1	14	16.21	0.042	16.38	0.043	16.39	0.044
3	64QAM	8	0	15.19	0.033	15.31	0.034	15.23	0.033
3	64QAM	8	4	15.38	0.035	15.22	0.033	15.37	0.034
3	64QAM	8	7	15.45	0.035	15.29	0.034	15.44	0.035
3	64QAM	15	0	15.24	0.033	15.39	0.035	15.28	0.034

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	18.24	0.067	18.27	0.067	18.20	0.066
1.4	QPSK	1	3	18.08	0.064	18.15	0.065	18.15	0.065
1.4	QPSK	1	5	18.15	0.065	18.12	0.065	18.11	0.065
1.4	QPSK	3	0	17.33	0.054	17.41	0.055	17.25	0.053
1.4	QPSK	3	1	17.28	0.053	17.37	0.055	17.32	0.054
1.4	QPSK	3	3	17.12	0.052	17.28	0.053	17.28	0.053
1.4	QPSK	6	0	17.18	0.052	17.27	0.053	17.29	0.054
1.4	16QAM	1	0	17.37	0.055	17.39	0.055	17.41	0.055
1.4	16QAM	1	3	17.35	0.054	17.28	0.053	17.35	0.054
1.4	16QAM	1	5	17.22	0.053	17.26	0.053	17.34	0.054
1.4	16QAM	3	0	16.23	0.042	16.38	0.043	16.36	0.043
1.4	16QAM	3	1	16.24	0.042	16.26	0.042	16.28	0.042
1.4	16QAM	3	3	16.28	0.042	16.22	0.042	16.10	0.041
1.4	16QAM	6	0	16.34	0.043	16.27	0.042	16.31	0.043
1.4	64QAM	1	0	16.30	0.043	16.39	0.044	16.37	0.043
1.4	64QAM	1	3	16.16	0.041	16.38	0.043	16.36	0.043
1.4	64QAM	1	5	16.05	0.040	16.38	0.043	16.14	0.041
1.4	64QAM	3	0	15.31	0.034	15.26	0.034	15.39	0.035
1.4	64QAM	3	1	15.14	0.033	15.36	0.034	15.32	0.034
1.4	64QAM	3	3	15.27	0.034	15.42	0.035	15.30	0.034
1.4	64QAM	6	0	15.29	0.034	15.29	0.034	15.25	0.033

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	/	/	21.00	0.126	/	/
10	QPSK	1	25	/	/	20.91	0.123	/	/
10	QPSK	1	49	/	/	20.84	0.121	/	/
10	QPSK	25	0	/	/	20.10	0.102	/	/
10	QPSK	25	12	/	/	19.97	0.099	/	/
10	QPSK	25	25	/	/	19.92	0.098	/	/
10	QPSK	50	0	/	/	20.05	0.101	/	/
10	16QAM	1	0	/	/	20.11	0.103	/	/
10	16QAM	1	25	/	/	20.04	0.101	/	/
10	16QAM	1	49	/	/	19.98	0.100	/	/
10	16QAM	25	0	/	/	19.12	0.082	/	/
10	16QAM	25	12	/	/	19.00	0.079	/	/
10	16QAM	25	25	/	/	18.95	0.079	/	/
10	16QAM	50	0	/	/	18.99	0.079	/	/
10	64QAM	1	0	/	/	19.10	0.081	/	/
10	64QAM	1	25	/	/	19.03	0.080	/	/
10	64QAM	1	49	/	/	18.94	0.078	/	/
10	64QAM	25	0	/	/	18.14	0.065	/	/
10	64QAM	25	12	/	/	18.10	0.065	/	/
10	64QAM	25	25	/	/	17.97	0.063	/	/
10	64QAM	50	0	/	/	18.02	0.063	/	/

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	20.85	0.122	20.94	0.124	20.91	0.123
5	QPSK	1	12	20.80	0.120	20.85	0.122	20.80	0.120
5	QPSK	1	24	20.83	0.121	20.78	0.120	20.81	0.121
5	QPSK	12	0	19.97	0.099	20.10	0.102	20.01	0.100
5	QPSK	12	7	19.91	0.098	19.92	0.098	20.07	0.102
5	QPSK	12	13	19.84	0.096	19.85	0.097	19.87	0.097
5	QPSK	25	0	19.75	0.094	19.90	0.098	19.99	0.100
5	16QAM	1	0	20.04	0.101	20.19	0.104	20.16	0.104
5	16QAM	1	12	20.01	0.100	19.96	0.099	20.13	0.103
5	16QAM	1	24	19.95	0.099	20.05	0.101	19.98	0.100
5	16QAM	12	0	19.04	0.080	19.15	0.082	19.07	0.081
5	16QAM	12	7	19.11	0.081	19.00	0.079	18.90	0.078
5	16QAM	12	13	18.95	0.079	19.08	0.081	18.91	0.078
5	16QAM	25	0	18.95	0.079	19.10	0.081	18.96	0.079
5	64QAM	1	0	19.12	0.082	19.13	0.082	18.93	0.078
5	64QAM	1	12	19.06	0.081	19.00	0.079	18.83	0.076
5	64QAM	1	24	18.87	0.077	19.09	0.081	18.84	0.077
5	64QAM	12	0	17.84	0.061	18.03	0.064	18.10	0.065
5	64QAM	12	7	17.98	0.063	17.88	0.061	17.96	0.063
5	64QAM	12	13	18.01	0.063	18.00	0.063	18.06	0.064
5	64QAM	25	0	17.85	0.061	17.92	0.062	17.88	0.061

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.25	0.067	18.28	0.067	18.20	0.066
10	QPSK	1	25	18.15	0.065	18.17	0.066	18.19	0.066
10	QPSK	1	49	18.14	0.065	18.21	0.066	18.16	0.065
10	QPSK	25	0	17.29	0.054	17.36	0.054	17.28	0.053
10	QPSK	25	12	17.26	0.053	17.20	0.052	17.34	0.054
10	QPSK	25	25	17.07	0.051	17.24	0.053	17.29	0.054
10	QPSK	50	0	17.29	0.054	17.27	0.053	17.20	0.052
10	16QAM	1	0	17.34	0.054	17.37	0.055	17.15	0.052
10	16QAM	1	25	17.25	0.053	17.18	0.052	17.20	0.052
10	16QAM	1	49	17.17	0.052	17.38	0.055	17.33	0.054
10	16QAM	25	0	16.11	0.041	16.34	0.043	16.17	0.041
10	16QAM	25	12	16.16	0.041	16.17	0.041	16.22	0.042
10	16QAM	25	25	16.24	0.042	16.21	0.042	16.21	0.042
10	16QAM	50	0	16.27	0.042	16.32	0.043	16.28	0.042
10	64QAM	1	0	16.26	0.042	16.39	0.044	16.33	0.043
10	64QAM	1	25	16.37	0.043	16.35	0.043	16.15	0.041
10	64QAM	1	49	16.23	0.042	16.29	0.043	16.27	0.042
10	64QAM	25	0	15.21	0.033	15.38	0.035	15.16	0.033
10	64QAM	25	12	15.34	0.034	15.31	0.034	15.30	0.034
10	64QAM	25	25	15.29	0.034	15.24	0.033	15.32	0.034
10	64QAM	50	0	15.31	0.034	15.35	0.034	15.31	0.034

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.18	0.066	18.24	0.067	18.15	0.065
5	QPSK	1	12	18.07	0.064	18.20	0.066	18.19	0.066
5	QPSK	1	24	18.11	0.065	18.09	0.064	18.07	0.064
5	QPSK	12	0	17.32	0.054	17.35	0.054	17.29	0.054
5	QPSK	12	7	17.17	0.052	17.22	0.053	17.23	0.053
5	QPSK	12	13	17.16	0.052	17.16	0.052	17.28	0.053
5	QPSK	25	0	17.31	0.054	17.33	0.054	17.24	0.053
5	16QAM	1	0	17.31	0.054	17.38	0.055	17.27	0.053
5	16QAM	1	12	17.24	0.053	17.19	0.052	17.30	0.054
5	16QAM	1	24	17.10	0.051	17.14	0.052	17.14	0.052
5	16QAM	12	0	16.27	0.042	16.37	0.043	16.32	0.043
5	16QAM	12	7	16.08	0.041	16.27	0.042	16.36	0.043
5	16QAM	12	13	16.34	0.043	16.10	0.041	16.15	0.041
5	16QAM	25	0	16.23	0.042	16.32	0.043	16.31	0.043
5	64QAM	1	0	16.12	0.041	16.35	0.043	16.36	0.043
5	64QAM	1	12	16.30	0.043	16.29	0.043	16.28	0.042
5	64QAM	1	24	16.34	0.043	16.36	0.043	16.24	0.042
5	64QAM	12	0	15.10	0.032	15.39	0.035	15.12	0.033
5	64QAM	12	7	15.23	0.033	15.31	0.034	15.25	0.033
5	64QAM	12	13	15.32	0.034	15.17	0.033	15.10	0.032
5	64QAM	25	0	15.20	0.033	15.30	0.034	15.21	0.033

LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.08	0.128	20.63	0.116	20.60	0.115
5	QPSK	1	12	21.31	0.135	20.53	0.113	20.54	0.113
5	QPSK	1	24	21.13	0.130	20.52	0.113	20.41	0.110
5	QPSK	12	0	20.21	0.105	19.83	0.096	19.78	0.095
5	QPSK	12	7	20.25	0.106	19.89	0.097	19.87	0.097
5	QPSK	12	13	20.30	0.107	19.84	0.096	19.83	0.096
5	QPSK	25	0	20.36	0.109	19.86	0.097	19.83	0.096
5	16QAM	1	0	20.08	0.102	19.59	0.091	19.60	0.091
5	16QAM	1	12	20.24	0.106	19.90	0.098	19.88	0.097
5	16QAM	1	24	20.03	0.101	19.65	0.092	19.65	0.092
5	16QAM	12	0	19.27	0.085	18.82	0.076	18.78	0.076
5	16QAM	12	7	19.30	0.085	18.89	0.077	18.86	0.077
5	16QAM	12	13	19.20	0.083	18.86	0.077	18.74	0.075
5	16QAM	25	0	19.13	0.082	18.84	0.077	18.82	0.076
5	64QAM	1	0	18.62	0.073	18.52	0.071	18.49	0.071
5	64QAM	1	12	19.04	0.080	18.59	0.072	18.52	0.071
5	64QAM	1	24	18.53	0.071	18.32	0.068	18.29	0.067
5	64QAM	12	0	18.18	0.066	17.93	0.062	17.88	0.061
5	64QAM	12	7	18.26	0.067	18.00	0.063	17.94	0.062
5	64QAM	12	13	18.10	0.065	17.94	0.062	17.92	0.062
5	64QAM	25	0	18.03	0.064	17.89	0.062	17.84	0.061

LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	21.67	0.147	/	/
15	QPSK	1	37	/	/	21.54	0.143	/	/
15	QPSK	1	74	/	/	21.39	0.138	/	/
15	QPSK	36	0	/	/	20.73	0.118	/	/
15	QPSK	36	20	/	/	20.71	0.118	/	/
15	QPSK	36	39	/	/	20.67	0.117	/	/
15	QPSK	75	0	/	/	20.77	0.119	/	/
15	16QAM	1	0	/	/	20.81	0.121	/	/
15	16QAM	1	37	/	/	20.58	0.114	/	/
15	16QAM	1	74	/	/	20.56	0.114	/	/
15	16QAM	36	0	/	/	19.81	0.096	/	/
15	16QAM	36	20	/	/	19.66	0.092	/	/
15	16QAM	36	39	/	/	19.68	0.093	/	/
15	16QAM	75	0	/	/	19.55	0.090	/	/
15	64QAM	1	0	/	/	19.79	0.095	/	/
15	64QAM	1	37	/	/	19.71	0.094	/	/
15	64QAM	1	74	/	/	19.59	0.091	/	/
15	64QAM	36	0	/	/	18.76	0.075	/	/
15	64QAM	36	20	/	/	18.50	0.071	/	/
15	64QAM	36	39	/	/	18.73	0.075	/	/
15	64QAM	75	0	/	/	18.70	0.074	/	/

LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	21.58	0.144	21.63	0.146	21.61	0.145
10	QPSK	1	25	21.48	0.141	21.55	0.143	21.57	0.144
10	QPSK	1	49	21.45	0.140	21.47	0.140	21.50	0.141
10	QPSK	25	0	20.62	0.115	20.75	0.119	20.68	0.117
10	QPSK	25	12	20.55	0.114	20.55	0.114	20.73	0.118
10	QPSK	25	25	20.51	0.112	20.56	0.114	20.70	0.117
10	QPSK	50	0	20.59	0.115	20.47	0.111	20.69	0.117
10	16QAM	1	0	20.54	0.113	20.69	0.117	20.67	0.117
10	16QAM	1	25	20.62	0.115	20.54	0.113	20.62	0.115
10	16QAM	1	49	20.62	0.115	20.61	0.115	20.44	0.111
10	16QAM	25	0	19.71	0.094	19.73	0.094	19.59	0.091
10	16QAM	25	12	19.49	0.089	19.60	0.091	19.62	0.092
10	16QAM	25	25	19.67	0.093	19.55	0.090	19.67	0.093
10	16QAM	50	0	19.63	0.092	19.72	0.094	19.69	0.093
10	64QAM	1	0	19.67	0.093	19.71	0.094	19.62	0.092
10	64QAM	1	12	19.71	0.094	19.78	0.095	19.76	0.095
10	64QAM	1	24	19.55	0.090	19.62	0.092	19.55	0.090
10	64QAM	12	0	18.67	0.074	18.75	0.075	18.74	0.075
10	64QAM	12	7	18.53	0.071	18.61	0.073	18.70	0.074
10	64QAM	12	13	18.75	0.075	18.55	0.072	18.63	0.073
10	64QAM	25	0	18.60	0.072	18.67	0.074	18.56	0.072

LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.59	0.144	21.62	0.145	21.49	0.141
5	QPSK	1	12	21.45	0.140	21.51	0.142	21.58	0.144
5	QPSK	1	24	21.52	0.142	21.34	0.136	21.38	0.137
5	QPSK	12	0	20.61	0.115	20.75	0.119	20.58	0.114
5	QPSK	12	7	20.60	0.115	20.66	0.116	20.73	0.118
5	QPSK	12	13	20.63	0.116	20.43	0.110	20.72	0.118
5	QPSK	25	0	20.70	0.117	20.71	0.118	20.62	0.115
5	16QAM	1	0	20.71	0.118	20.76	0.119	20.71	0.118
5	16QAM	1	12	20.66	0.116	20.61	0.115	20.55	0.114
5	16QAM	1	24	20.45	0.111	20.73	0.118	20.67	0.117
5	16QAM	12	0	19.79	0.095	19.76	0.095	19.77	0.095
5	16QAM	12	7	19.54	0.090	19.65	0.092	19.51	0.089
5	16QAM	12	13	19.53	0.090	19.67	0.093	19.54	0.090
5	16QAM	25	0	19.74	0.094	19.66	0.092	19.60	0.091
5	64QAM	1	0	19.75	0.094	19.77	0.095	19.76	0.095
5	64QAM	1	12	19.80	0.095	19.58	0.091	19.81	0.096
5	64QAM	1	24	19.62	0.092	19.76	0.095	19.61	0.091
5	64QAM	12	0	18.65	0.073	18.84	0.077	18.76	0.075
5	64QAM	12	7	18.58	0.072	18.67	0.074	18.54	0.071
5	64QAM	12	13	18.50	0.071	18.69	0.074	18.53	0.071
5	64QAM	25	0	18.61	0.073	18.72	0.074	18.67	0.074

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.90	0.490	26.94	0.494	26.86	0.485
20	QPSK	1	49	26.81	0.480	26.76	0.474	26.79	0.478
20	QPSK	1	99	26.75	0.473	26.82	0.481	26.73	0.471
20	QPSK	50	0	25.95	0.394	25.97	0.395	25.88	0.387
20	QPSK	50	24	25.77	0.378	25.88	0.387	25.85	0.385
20	QPSK	50	50	25.81	0.381	25.97	0.395	25.76	0.377
20	QPSK	100	0	25.80	0.380	25.86	0.385	25.75	0.376
20	16QAM	1	0	25.88	0.387	25.97	0.395	25.91	0.390
20	16QAM	1	49	25.79	0.379	25.80	0.380	25.83	0.383
20	16QAM	1	99	25.84	0.384	25.81	0.381	25.83	0.383
20	16QAM	50	0	24.81	0.303	25.00	0.316	24.92	0.310
20	16QAM	50	24	24.76	0.299	24.89	0.308	24.97	0.314
20	16QAM	50	50	24.80	0.302	24.93	0.311	24.90	0.309
20	16QAM	100	0	24.84	0.305	24.88	0.308	24.76	0.299
20	64QAM	1	0	24.97	0.314	25.08	0.322	25.06	0.321
20	64QAM	1	49	24.94	0.312	24.89	0.308	24.93	0.311
20	64QAM	1	99	24.88	0.308	24.91	0.310	24.84	0.305
20	64QAM	50	0	23.86	0.243	23.99	0.251	23.94	0.248
20	64QAM	50	24	23.82	0.241	23.88	0.244	23.92	0.247
20	64QAM	50	50	23.79	0.239	23.90	0.245	23.97	0.249
20	64QAM	100	0	23.80	0.240	23.75	0.237	23.88	0.244

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.80	0.479	26.92	0.492	26.85	0.484
15	QPSK	1	37	26.72	0.470	26.85	0.484	26.77	0.475
15	QPSK	1	74	26.68	0.466	26.71	0.469	26.82	0.481
15	QPSK	36	0	25.98	0.396	26.01	0.399	25.87	0.386
15	QPSK	36	20	25.73	0.374	25.99	0.397	25.82	0.382
15	QPSK	36	39	25.84	0.384	25.88	0.387	25.88	0.387
15	QPSK	75	0	25.87	0.386	25.93	0.392	25.88	0.387
15	16QAM	1	0	26.04	0.402	25.99	0.397	26.04	0.402
15	16QAM	1	37	25.78	0.378	25.91	0.390	25.94	0.393
15	16QAM	1	74	25.81	0.381	25.91	0.390	25.89	0.388
15	16QAM	36	0	24.90	0.309	24.95	0.313	24.91	0.310
15	16QAM	36	20	24.77	0.300	24.86	0.306	24.85	0.305
15	16QAM	36	39	24.83	0.304	24.78	0.301	24.84	0.305
15	16QAM	75	0	24.94	0.312	24.98	0.315	24.67	0.293
15	64QAM	1	0	24.90	0.309	24.97	0.314	24.83	0.304
15	64QAM	1	37	24.93	0.311	24.94	0.312	24.74	0.298
15	64QAM	1	74	24.81	0.303	24.74	0.298	24.97	0.314
15	64QAM	36	0	23.76	0.238	23.99	0.251	23.84	0.242
15	64QAM	36	20	23.75	0.237	23.86	0.243	23.80	0.240
15	64QAM	36	39	23.95	0.248	23.82	0.241	23.94	0.248
15	64QAM	75	0	23.79	0.239	23.87	0.244	23.74	0.237

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.83	0.482	26.89	0.489	26.75	0.473
10	QPSK	1	25	26.76	0.474	26.82	0.481	26.67	0.465
10	QPSK	1	49	26.85	0.484	26.73	0.471	26.71	0.469
10	QPSK	25	0	25.97	0.395	25.98	0.396	25.89	0.388
10	QPSK	25	12	25.82	0.382	25.90	0.389	25.88	0.387
10	QPSK	25	25	25.81	0.381	25.94	0.393	25.72	0.373
10	QPSK	50	0	25.78	0.378	25.80	0.380	25.87	0.386
10	16QAM	1	0	25.81	0.381	25.99	0.397	25.97	0.395
10	16QAM	1	25	25.79	0.379	25.93	0.392	25.79	0.379
10	16QAM	1	49	25.77	0.378	25.85	0.385	25.86	0.385
10	16QAM	25	0	24.77	0.300	24.96	0.313	24.75	0.299
10	16QAM	25	12	24.90	0.309	24.92	0.310	24.92	0.310
10	16QAM	25	25	24.75	0.299	24.70	0.295	24.79	0.301
10	16QAM	50	0	24.74	0.298	24.95	0.313	24.85	0.305
10	64QAM	1	0	24.94	0.312	24.97	0.314	24.96	0.313
10	64QAM	1	25	24.73	0.297	24.90	0.309	24.80	0.302
10	64QAM	1	49	24.79	0.301	24.74	0.298	24.81	0.303
10	64QAM	25	0	23.87	0.244	23.96	0.249	23.91	0.246
10	64QAM	25	12	23.71	0.235	23.80	0.240	23.86	0.243
10	64QAM	25	25	23.78	0.239	23.73	0.236	23.88	0.244
10	64QAM	50	0	23.78	0.239	23.89	0.245	23.74	0.237

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.78	0.476	26.90	0.490	26.79	0.478
5	QPSK	1	12	26.70	0.468	26.75	0.473	26.66	0.463
5	QPSK	1	24	26.82	0.481	26.76	0.474	26.75	0.473
5	QPSK	12	0	25.82	0.382	26.05	0.403	25.92	0.391
5	QPSK	12	7	25.84	0.384	26.04	0.402	25.93	0.392
5	QPSK	12	13	25.79	0.379	25.97	0.395	25.88	0.387
5	QPSK	25	0	25.98	0.396	25.99	0.397	25.95	0.394
5	16QAM	1	0	25.82	0.382	26.02	0.400	25.74	0.375
5	16QAM	1	12	25.76	0.377	25.93	0.392	25.92	0.391
5	16QAM	1	24	25.81	0.381	25.84	0.384	25.91	0.390
5	16QAM	12	0	24.83	0.304	24.95	0.313	24.93	0.311
5	16QAM	12	7	24.79	0.301	24.89	0.308	24.86	0.306
5	16QAM	12	13	24.73	0.297	24.80	0.302	24.81	0.303
5	16QAM	25	0	24.86	0.306	24.92	0.310	24.67	0.293
5	64QAM	1	0	24.94	0.312	25.01	0.317	24.96	0.313
5	64QAM	1	12	24.72	0.296	24.88	0.308	24.85	0.305
5	64QAM	1	24	24.86	0.306	24.82	0.303	24.86	0.306
5	64QAM	12	0	23.81	0.240	23.94	0.248	23.78	0.239
5	64QAM	12	7	23.77	0.238	23.77	0.238	23.77	0.238
5	64QAM	12	13	23.89	0.245	23.68	0.233	23.93	0.247
5	64QAM	25	0	23.89	0.245	23.93	0.247	23.77	0.238

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.75	0.473	26.91	0.491	26.79	0.478
3	QPSK	1	8	26.85	0.484	26.79	0.478	26.88	0.488
3	QPSK	1	14	26.89	0.489	26.82	0.481	26.78	0.476
3	QPSK	8	0	25.77	0.378	26.02	0.400	25.93	0.392
3	QPSK	8	4	25.83	0.383	25.79	0.379	25.90	0.389
3	QPSK	8	7	25.78	0.378	25.92	0.391	25.89	0.388
3	QPSK	15	0	25.97	0.395	26.03	0.401	25.86	0.385
3	16QAM	1	0	25.92	0.391	25.95	0.394	25.94	0.393
3	16QAM	1	8	25.88	0.387	25.86	0.385	25.74	0.375
3	16QAM	1	14	25.82	0.382	25.77	0.378	25.90	0.389
3	16QAM	8	0	24.79	0.301	24.97	0.314	24.99	0.316
3	16QAM	8	4	24.82	0.303	24.80	0.302	24.83	0.304
3	16QAM	8	7	24.81	0.303	24.78	0.301	24.82	0.303
3	16QAM	15	0	24.76	0.299	24.92	0.310	24.77	0.300
3	64QAM	1	0	24.91	0.310	24.96	0.313	24.90	0.309
3	64QAM	1	8	24.76	0.299	24.95	0.313	24.72	0.296
3	64QAM	1	14	24.83	0.304	24.73	0.297	24.94	0.312
3	64QAM	8	0	23.76	0.238	23.94	0.248	23.81	0.240
3	64QAM	8	4	23.75	0.237	23.68	0.233	23.67	0.233
3	64QAM	8	7	23.96	0.249	23.97	0.249	23.75	0.237
3	64QAM	15	0	23.61	0.230	23.81	0.240	23.58	0.228

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.84	0.483	26.88	0.488	26.76	0.474
1.4	QPSK	1	3	26.71	0.469	26.79	0.478	26.74	0.472
1.4	QPSK	1	5	26.68	0.466	26.83	0.482	26.70	0.468
1.4	QPSK	3	0	25.95	0.394	26.02	0.400	26.02	0.400
1.4	QPSK	3	1	25.80	0.380	25.87	0.386	25.94	0.393
1.4	QPSK	3	3	25.74	0.375	25.85	0.385	25.84	0.384
1.4	QPSK	6	0	25.84	0.384	26.02	0.400	25.85	0.385
1.4	16QAM	1	0	25.94	0.393	25.98	0.396	25.91	0.390
1.4	16QAM	1	3	25.70	0.372	25.77	0.378	25.78	0.378
1.4	16QAM	1	5	25.81	0.381	25.74	0.375	25.77	0.378
1.4	16QAM	3	0	24.93	0.311	25.00	0.316	24.78	0.301
1.4	16QAM	3	1	24.78	0.301	24.73	0.297	24.83	0.304
1.4	16QAM	3	3	24.87	0.307	24.90	0.309	24.93	0.311
1.4	16QAM	6	0	24.80	0.302	24.94	0.312	24.96	0.313
1.4	64QAM	1	0	24.99	0.316	24.98	0.315	24.96	0.313
1.4	64QAM	1	3	24.79	0.301	24.97	0.314	24.92	0.310
1.4	64QAM	1	5	24.86	0.306	24.93	0.311	24.81	0.303
1.4	64QAM	3	0	23.72	0.236	23.96	0.249	23.96	0.249
1.4	64QAM	3	1	23.81	0.240	23.90	0.245	23.95	0.248
1.4	64QAM	3	3	23.98	0.250	23.80	0.240	23.79	0.239
1.4	64QAM	6	0	23.77	0.238	23.91	0.246	23.90	0.245

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.66	0.147	21.73	0.149	21.73	0.149
15	QPSK	1	37	21.68	0.147	21.48	0.141	21.65	0.146
15	QPSK	1	74	21.62	0.145	21.85	0.153	21.84	0.153
15	QPSK	36	0	20.99	0.126	20.98	0.125	21.00	0.126
15	QPSK	36	20	20.98	0.125	21.04	0.127	21.08	0.128
15	QPSK	36	39	21.04	0.127	20.94	0.124	21.05	0.127
15	QPSK	75	0	20.59	0.115	21.01	0.126	21.07	0.128
15	16QAM	1	0	20.76	0.119	20.73	0.118	20.74	0.119
15	16QAM	1	37	21.23	0.133	21.02	0.126	21.01	0.126
15	16QAM	1	74	20.82	0.121	20.65	0.116	20.66	0.116
15	16QAM	36	0	19.96	0.099	19.95	0.099	20.03	0.101
15	16QAM	36	20	19.89	0.097	20.03	0.101	20.11	0.103
15	16QAM	36	39	19.82	0.096	19.99	0.100	20.08	0.102
15	16QAM	75	0	19.93	0.098	19.99	0.100	20.01	0.100
15	64QAM	1	0	19.74	0.094	19.53	0.090	19.55	0.090
15	64QAM	1	37	19.95	0.099	19.77	0.095	19.78	0.095
15	64QAM	1	74	19.66	0.092	19.65	0.092	19.71	0.094
15	64QAM	36	0	18.98	0.079	19.02	0.080	19.06	0.081
15	64QAM	36	20	18.97	0.079	19.07	0.081	19.14	0.082
15	64QAM	36	39	18.91	0.078	19.02	0.080	19.09	0.081
15	64QAM	75	0	18.95	0.079	18.99	0.079	18.97	0.079

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.81	0.152	21.79	0.151	21.82	0.152
10	QPSK	1	25	21.99	0.158	21.98	0.158	21.60	0.145
10	QPSK	1	49	21.89	0.155	21.80	0.151	21.78	0.151
10	QPSK	25	0	21.05	0.127	21.05	0.127	20.99	0.126
10	QPSK	25	12	21.03	0.127	21.03	0.127	20.86	0.122
10	QPSK	25	25	20.68	0.117	21.01	0.126	20.90	0.123
10	QPSK	50	0	20.74	0.119	20.99	0.126	20.92	0.124
10	16QAM	1	0	20.68	0.117	21.19	0.132	20.73	0.118
10	16QAM	1	25	20.87	0.122	21.34	0.136	21.15	0.130
10	16QAM	1	49	20.75	0.119	21.22	0.132	20.98	0.125
10	16QAM	25	0	19.83	0.096	20.05	0.101	19.99	0.100
10	16QAM	25	12	19.83	0.096	20.06	0.101	19.95	0.099
10	16QAM	25	25	19.97	0.099	19.85	0.097	19.92	0.098
10	16QAM	50	0	19.86	0.097	19.99	0.100	20.03	0.101
10	64QAM	1	0	19.69	0.093	19.90	0.098	19.87	0.097
10	64QAM	1	25	19.82	0.096	20.01	0.100	19.74	0.094
10	64QAM	1	49	19.70	0.093	19.86	0.097	19.76	0.095
10	64QAM	25	0	18.97	0.079	18.99	0.079	19.03	0.080
10	64QAM	25	12	18.99	0.079	19.04	0.080	19.01	0.080
10	64QAM	25	25	18.87	0.077	18.97	0.079	18.92	0.078
10	64QAM	50	0	18.93	0.078	18.99	0.079	19.00	0.079

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.64	0.146	21.66	0.147	21.81	0.152
5	QPSK	1	12	21.94	0.156	21.96	0.157	21.91	0.155
5	QPSK	1	24	21.70	0.148	21.66	0.147	21.85	0.153
5	QPSK	12	0	20.86	0.122	20.85	0.122	21.00	0.126
5	QPSK	12	7	20.82	0.121	20.91	0.123	21.08	0.128
5	QPSK	12	13	20.75	0.119	20.97	0.125	21.01	0.126
5	QPSK	25	0	20.96	0.125	20.91	0.123	21.08	0.128
5	16QAM	1	0	21.02	0.126	21.10	0.129	21.08	0.128
5	16QAM	1	12	21.21	0.132	21.30	0.135	20.96	0.125
5	16QAM	1	24	21.10	0.129	21.10	0.129	20.61	0.115
5	16QAM	12	0	19.83	0.096	20.00	0.100	20.11	0.103
5	16QAM	12	7	19.98	0.100	19.98	0.100	20.12	0.103
5	16QAM	12	13	19.93	0.098	19.95	0.099	20.03	0.101
5	16QAM	25	0	19.93	0.098	19.98	0.100	20.07	0.102
5	64QAM	1	0	19.90	0.098	19.84	0.096	19.80	0.095
5	64QAM	1	12	20.08	0.102	19.82	0.096	19.70	0.093
5	64QAM	1	24	19.81	0.096	19.78	0.095	19.59	0.091
5	64QAM	12	0	18.93	0.078	18.97	0.079	19.17	0.083
5	64QAM	12	7	19.02	0.080	19.09	0.081	19.21	0.083
5	64QAM	12	13	18.96	0.079	19.05	0.080	19.11	0.081
5	64QAM	25	0	18.94	0.078	18.95	0.079	19.14	0.082

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.23	0.133	21.47	0.140	21.51	0.142
3	QPSK	1	8	21.24	0.133	21.44	0.139	21.51	0.142
3	QPSK	1	14	21.26	0.134	21.44	0.139	21.47	0.140
3	QPSK	8	0	20.23	0.105	20.51	0.112	20.92	0.124
3	QPSK	8	4	20.26	0.106	20.53	0.113	20.97	0.125
3	QPSK	8	7	20.49	0.112	20.51	0.112	20.96	0.125
3	QPSK	15	0	20.15	0.104	20.50	0.112	20.94	0.124
3	16QAM	1	0	20.40	0.110	20.59	0.115	21.10	0.129
3	16QAM	1	8	20.39	0.109	20.57	0.114	21.18	0.131
3	16QAM	1	14	20.56	0.114	20.54	0.113	21.07	0.128
3	16QAM	8	0	19.44	0.088	19.53	0.090	20.10	0.102
3	16QAM	8	4	19.51	0.089	19.55	0.090	20.13	0.103
3	16QAM	8	7	19.47	0.089	19.57	0.091	20.11	0.103
3	16QAM	15	0	19.45	0.088	19.52	0.090	19.97	0.099
3	64QAM	1	0	19.08	0.081	19.40	0.087	19.90	0.098
3	64QAM	1	8	19.03	0.080	19.19	0.083	19.91	0.098
3	64QAM	1	14	19.06	0.081	19.35	0.086	19.87	0.097
3	64QAM	8	0	18.56	0.072	18.61	0.073	19.17	0.083
3	64QAM	8	4	18.57	0.072	18.61	0.073	19.11	0.081
3	64QAM	8	7	18.60	0.072	18.61	0.073	19.06	0.081
3	64QAM	15	0	18.44	0.070	18.54	0.071	19.00	0.079

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.05	0.127	21.16	0.131	21.22	0.132
1.4	QPSK	1	3	21.27	0.134	21.43	0.139	21.36	0.137
1.4	QPSK	1	5	21.02	0.126	21.18	0.131	21.22	0.132
1.4	QPSK	3	0	21.32	0.136	21.39	0.138	21.39	0.138
1.4	QPSK	3	1	21.35	0.136	21.43	0.139	21.31	0.135
1.4	QPSK	3	3	21.27	0.134	21.39	0.138	21.27	0.134
1.4	QPSK	6	0	20.25	0.106	20.11	0.103	20.52	0.113
1.4	16QAM	1	0	20.36	0.109	20.49	0.112	20.57	0.114
1.4	16QAM	1	3	20.48	0.112	20.54	0.113	20.70	0.117
1.4	16QAM	1	5	20.32	0.108	20.45	0.111	20.46	0.111
1.4	16QAM	3	0	20.33	0.108	20.09	0.102	20.43	0.110
1.4	16QAM	3	1	20.41	0.110	20.29	0.107	20.48	0.112
1.4	16QAM	3	3	20.42	0.110	20.30	0.107	20.47	0.111
1.4	16QAM	6	0	19.50	0.089	19.53	0.090	19.52	0.090
1.4	64QAM	1	0	18.94	0.078	18.97	0.079	19.20	0.083
1.4	64QAM	1	3	19.04	0.080	19.12	0.082	19.35	0.086
1.4	64QAM	1	5	18.94	0.078	19.04	0.080	19.15	0.082
1.4	64QAM	3	0	19.53	0.090	19.52	0.090	19.61	0.091
1.4	64QAM	3	1	19.59	0.091	19.62	0.092	19.67	0.093
1.4	64QAM	3	3	19.55	0.090	19.42	0.087	19.54	0.090
1.4	64QAM	6	0	18.42	0.070	18.42	0.070	18.48	0.070

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.62	0.365	25.64	0.366	25.57	0.361
20	QPSK	1	49	25.55	0.359	25.61	0.364	25.58	0.361
20	QPSK	1	99	25.48	0.353	25.51	0.356	25.59	0.362
20	QPSK	50	0	24.71	0.296	24.80	0.302	24.76	0.299
20	QPSK	50	24	24.68	0.294	24.74	0.298	24.62	0.290
20	QPSK	50	50	24.61	0.289	24.65	0.292	24.62	0.290
20	QPSK	100	0	24.60	0.288	24.69	0.294	24.48	0.281
20	16QAM	1	0	24.67	0.293	24.76	0.299	24.68	0.294
20	16QAM	1	49	24.54	0.284	24.62	0.290	24.58	0.287
20	16QAM	1	99	24.59	0.288	24.64	0.291	24.62	0.290
20	16QAM	50	0	23.74	0.237	23.77	0.238	23.60	0.229
20	16QAM	50	24	23.55	0.226	23.61	0.230	23.70	0.234
20	16QAM	50	50	23.65	0.232	23.62	0.230	23.56	0.227
20	16QAM	100	0	23.54	0.226	23.64	0.231	23.63	0.231
20	64QAM	1	0	23.62	0.230	23.78	0.239	23.76	0.238
20	64QAM	1	49	23.68	0.233	23.57	0.228	23.65	0.232
20	64QAM	1	99	23.51	0.224	23.67	0.233	23.54	0.226
20	64QAM	50	0	22.65	0.184	22.77	0.189	22.75	0.188
20	64QAM	50	24	22.72	0.187	22.70	0.186	22.60	0.182
20	64QAM	50	50	22.60	0.182	22.66	0.185	22.53	0.179
20	64QAM	100	0	22.46	0.176	22.60	0.182	22.42	0.175

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.54	0.358	25.57	0.361	25.53	0.357
15	QPSK	1	37	25.54	0.358	25.54	0.358	25.44	0.350
15	QPSK	1	74	25.48	0.353	25.46	0.352	25.37	0.344
15	QPSK	36	0	24.62	0.290	24.70	0.295	24.69	0.294
15	QPSK	36	20	24.48	0.281	24.56	0.286	24.47	0.280
15	QPSK	36	39	24.47	0.280	24.50	0.282	24.48	0.281
15	QPSK	75	0	24.49	0.281	24.43	0.277	24.62	0.290
15	16QAM	1	0	24.53	0.284	24.77	0.300	24.68	0.294
15	16QAM	1	37	24.61	0.289	24.41	0.276	24.64	0.291
15	16QAM	1	74	24.46	0.279	24.56	0.286	24.52	0.283
15	16QAM	36	0	23.43	0.220	23.69	0.234	23.62	0.230
15	16QAM	36	20	23.67	0.233	23.49	0.223	23.50	0.224
15	16QAM	36	39	23.53	0.225	23.67	0.233	23.36	0.217
15	16QAM	75	0	23.60	0.229	23.56	0.227	23.65	0.232
15	64QAM	1	0	23.57	0.228	23.54	0.226	23.68	0.233
15	64QAM	1	37	23.69	0.234	23.74	0.237	23.57	0.228
15	64QAM	1	74	23.64	0.231	23.77	0.238	23.57	0.228
15	64QAM	36	0	22.68	0.185	22.74	0.188	22.72	0.187
15	64QAM	36	20	22.52	0.179	22.63	0.183	22.61	0.182
15	64QAM	36	39	22.43	0.175	22.72	0.187	22.66	0.185
15	64QAM	75	0	22.52	0.179	22.61	0.182	22.56	0.180

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.49	0.354	25.59	0.362	25.55	0.359
10	QPSK	1	25	25.52	0.356	25.48	0.353	25.54	0.358
10	QPSK	1	49	25.37	0.344	25.52	0.356	25.39	0.346
10	QPSK	25	0	24.60	0.288	24.69	0.294	24.62	0.290
10	QPSK	25	12	24.55	0.285	24.61	0.289	24.58	0.287
10	QPSK	25	25	24.54	0.284	24.56	0.286	24.57	0.286
10	QPSK	50	0	24.54	0.284	24.61	0.289	24.72	0.296
10	16QAM	1	0	24.49	0.281	24.68	0.294	24.63	0.290
10	16QAM	1	25	24.55	0.285	24.52	0.283	24.53	0.284
10	16QAM	1	49	24.39	0.275	24.46	0.279	24.41	0.276
10	16QAM	25	0	23.65	0.232	23.71	0.235	23.53	0.225
10	16QAM	25	12	23.41	0.219	23.45	0.221	23.64	0.231
10	16QAM	25	25	23.56	0.227	23.69	0.234	23.63	0.231
10	16QAM	50	0	23.54	0.226	23.57	0.228	23.72	0.236
10	64QAM	1	0	23.50	0.224	23.72	0.236	23.55	0.226
10	64QAM	1	25	23.52	0.225	23.60	0.229	23.65	0.232
10	64QAM	1	49	23.52	0.225	23.70	0.234	23.45	0.221
10	64QAM	25	0	22.69	0.186	22.77	0.189	22.76	0.189
10	64QAM	25	12	22.51	0.178	22.48	0.177	22.57	0.181
10	64QAM	25	25	22.67	0.185	22.56	0.180	22.76	0.189
10	64QAM	50	0	22.43	0.175	22.54	0.179	22.40	0.174

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.52	0.356	25.58	0.361	25.55	0.359
5	QPSK	1	12	25.46	0.352	25.50	0.355	25.51	0.356
5	QPSK	1	24	25.46	0.352	25.47	0.352	25.50	0.355
5	QPSK	12	0	24.71	0.296	24.73	0.297	24.71	0.296
5	QPSK	12	7	24.48	0.281	24.65	0.292	24.56	0.286
5	QPSK	12	13	24.52	0.283	24.45	0.279	24.48	0.281
5	QPSK	25	0	24.72	0.296	24.71	0.296	24.56	0.286
5	16QAM	1	0	24.46	0.279	24.62	0.290	24.50	0.282
5	16QAM	1	12	24.36	0.273	24.37	0.274	24.58	0.287
5	16QAM	1	24	24.45	0.279	24.60	0.288	24.43	0.277
5	16QAM	12	0	23.73	0.236	23.68	0.233	23.64	0.231
5	16QAM	12	7	23.52	0.225	23.55	0.226	23.70	0.234
5	16QAM	12	13	23.49	0.223	23.69	0.234	23.61	0.230
5	16QAM	25	0	23.46	0.222	23.55	0.226	23.44	0.221
5	64QAM	1	0	23.58	0.228	23.75	0.237	23.72	0.236
5	64QAM	1	12	23.49	0.223	23.73	0.236	23.63	0.231
5	64QAM	1	24	23.52	0.225	23.55	0.226	23.64	0.231
5	64QAM	12	0	22.51	0.178	22.69	0.186	22.59	0.182
5	64QAM	12	7	22.67	0.185	22.55	0.180	22.46	0.176
5	64QAM	12	13	22.49	0.177	22.48	0.177	22.46	0.176
5	64QAM	25	0	22.40	0.174	22.66	0.185	22.46	0.176

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.57	0.181	/	/
10	QPSK	1	25	/	/	22.48	0.177	/	/
10	QPSK	1	49	/	/	22.43	0.175	/	/
10	QPSK	25	0	/	/	21.61	0.145	/	/
10	QPSK	25	12	/	/	21.56	0.143	/	/
10	QPSK	25	25	/	/	21.52	0.142	/	/
10	QPSK	50	0	/	/	21.51	0.142	/	/
10	16QAM	1	0	/	/	21.59	0.144	/	/
10	16QAM	1	25	/	/	21.48	0.141	/	/
10	16QAM	1	49	/	/	21.46	0.140	/	/
10	16QAM	25	0	/	/	20.60	0.115	/	/
10	16QAM	25	12	/	/	20.54	0.113	/	/
10	16QAM	25	25	/	/	20.45	0.111	/	/
10	16QAM	50	0	/	/	20.59	0.115	/	/
10	64QAM	1	0	/	/	20.51	0.112	/	/
10	64QAM	1	25	/	/	20.53	0.113	/	/
10	64QAM	1	49	/	/	20.48	0.112	/	/
10	64QAM	25	0	/	/	19.70	0.093	/	/
10	64QAM	25	12	/	/	19.56	0.090	/	/
10	64QAM	25	25	/	/	19.53	0.090	/	/
10	64QAM	50	0	/	/	19.60	0.091	/	/

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.49	0.177	22.52	0.179	22.45	0.176
5	QPSK	1	12	22.44	0.175	22.50	0.178	22.41	0.174
5	QPSK	1	24	22.34	0.171	22.46	0.176	22.47	0.177
5	QPSK	12	0	21.53	0.142	21.54	0.143	21.56	0.143
5	QPSK	12	7	21.62	0.145	21.59	0.144	21.46	0.140
5	QPSK	12	13	21.46	0.140	21.70	0.148	21.48	0.141
5	QPSK	25	0	21.67	0.147	21.75	0.150	21.54	0.143
5	16QAM	1	0	21.69	0.148	21.67	0.147	21.57	0.144
5	16QAM	1	12	21.46	0.140	21.43	0.139	21.58	0.144
5	16QAM	1	24	21.51	0.142	21.52	0.142	21.36	0.137
5	16QAM	12	0	20.61	0.115	20.73	0.118	20.70	0.117
5	16QAM	12	7	20.44	0.111	20.54	0.113	20.47	0.111
5	16QAM	12	13	20.47	0.111	20.71	0.118	20.42	0.110
5	16QAM	25	0	20.60	0.115	20.64	0.116	20.61	0.115
5	64QAM	1	0	20.62	0.115	20.78	0.120	20.61	0.115
5	64QAM	1	12	20.72	0.118	20.55	0.114	20.55	0.114
5	64QAM	1	24	20.51	0.112	20.56	0.114	20.65	0.116
5	64QAM	12	0	19.52	0.090	19.69	0.093	19.74	0.094
5	64QAM	12	7	19.66	0.092	19.67	0.093	19.65	0.092
5	64QAM	12	13	19.64	0.092	19.68	0.093	19.72	0.094
5	64QAM	25	0	19.44	0.088	19.55	0.090	19.54	0.090

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.52	0.179	/	/
10	QPSK	1	25	/	/	22.48	0.177	/	/
10	QPSK	1	49	/	/	22.46	0.176	/	/
10	QPSK	25	0	/	/	21.63	0.146	/	/
10	QPSK	25	12	/	/	21.53	0.142	/	/
10	QPSK	25	25	/	/	21.57	0.144	/	/
10	QPSK	50	0	/	/	21.52	0.142	/	/
10	16QAM	1	0	/	/	21.49	0.141	/	/
10	16QAM	1	25	/	/	21.47	0.140	/	/
10	16QAM	1	49	/	/	21.49	0.141	/	/
10	16QAM	25	0	/	/	20.55	0.114	/	/
10	16QAM	25	12	/	/	20.66	0.116	/	/
10	16QAM	25	25	/	/	20.52	0.113	/	/
10	16QAM	50	0	/	/	20.59	0.115	/	/
10	64QAM	1	0	/	/	20.61	0.115	/	/
10	64QAM	1	25	/	/	20.57	0.114	/	/
10	64QAM	1	49	/	/	20.50	0.112	/	/
10	64QAM	25	0	/	/	19.69	0.093	/	/
10	64QAM	25	12	/	/	19.65	0.092	/	/
10	64QAM	25	25	/	/	19.56	0.090	/	/
10	64QAM	50	0	/	/	19.59	0.091	/	/

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.47	0.177	22.49	0.177	22.45	0.176
5	QPSK	1	12	22.32	0.171	22.47	0.177	22.29	0.169
5	QPSK	1	24	22.38	0.173	22.36	0.172	22.20	0.166
5	QPSK	12	0	21.57	0.144	21.67	0.147	21.64	0.146
5	QPSK	12	7	21.41	0.138	21.67	0.147	21.44	0.139
5	QPSK	12	13	21.47	0.140	21.45	0.140	21.39	0.138
5	QPSK	25	0	21.41	0.138	21.55	0.143	21.42	0.139
5	16QAM	1	0	21.57	0.144	21.54	0.143	21.52	0.142
5	16QAM	1	12	21.42	0.139	21.55	0.143	21.53	0.142
5	16QAM	1	24	21.38	0.137	21.39	0.138	21.42	0.139
5	16QAM	12	0	20.53	0.113	20.58	0.114	20.57	0.114
5	16QAM	12	7	20.57	0.114	20.44	0.111	20.44	0.111
5	16QAM	12	13	20.51	0.112	20.42	0.110	20.59	0.115
5	16QAM	25	0	20.46	0.111	20.59	0.115	20.40	0.110
5	64QAM	1	0	20.55	0.114	20.69	0.117	20.47	0.111
5	64QAM	1	12	20.48	0.112	20.62	0.115	20.48	0.112
5	64QAM	1	24	20.47	0.111	20.52	0.113	20.45	0.111
5	64QAM	12	0	19.46	0.088	19.50	0.089	19.58	0.091
5	64QAM	12	7	19.42	0.087	19.60	0.091	19.54	0.090
5	64QAM	12	13	19.49	0.089	19.39	0.087	19.39	0.087
5	64QAM	25	0	19.32	0.086	19.45	0.088	19.44	0.088

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.58	0.361	25.69	0.371	25.60	0.363
20	QPSK	1	49	25.41	0.348	25.65	0.367	25.55	0.359
20	QPSK	1	99	25.52	0.356	25.45	0.351	25.53	0.357
20	QPSK	50	0	24.72	0.296	24.86	0.306	24.77	0.300
20	QPSK	50	24	24.60	0.288	24.85	0.305	24.47	0.280
20	QPSK	50	50	24.51	0.282	24.51	0.282	24.48	0.281
20	QPSK	100	0	24.57	0.286	24.78	0.301	24.63	0.290
20	16QAM	1	0	24.73	0.297	24.72	0.296	24.56	0.286
20	16QAM	1	49	24.44	0.278	24.47	0.280	24.46	0.279
20	16QAM	1	99	24.39	0.275	24.70	0.295	24.61	0.289
20	16QAM	50	0	23.51	0.224	23.68	0.233	23.58	0.228
20	16QAM	50	24	23.58	0.228	23.60	0.229	23.56	0.227
20	16QAM	50	50	23.45	0.221	23.66	0.232	23.31	0.214
20	16QAM	100	0	23.35	0.216	23.67	0.233	23.50	0.224
20	64QAM	1	0	23.56	0.227	23.77	0.238	23.50	0.224
20	64QAM	1	49	23.67	0.233	23.71	0.235	23.60	0.229
20	64QAM	1	99	23.49	0.223	23.70	0.234	23.57	0.228
20	64QAM	50	0	22.61	0.182	22.74	0.188	22.58	0.181
20	64QAM	50	24	22.46	0.176	22.61	0.182	22.43	0.175
20	64QAM	50	50	22.52	0.179	22.62	0.183	22.48	0.177
20	64QAM	100	0	22.56	0.180	22.64	0.184	22.47	0.177

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.47	0.352	25.64	0.366	25.38	0.345
15	QPSK	1	37	25.60	0.363	25.55	0.359	25.55	0.359
15	QPSK	1	74	25.44	0.350	25.61	0.364	25.53	0.357
15	QPSK	36	0	24.62	0.290	24.85	0.305	24.59	0.288
15	QPSK	36	20	24.48	0.281	24.62	0.290	24.42	0.277
15	QPSK	36	39	24.43	0.277	24.43	0.277	24.47	0.280
15	QPSK	75	0	24.41	0.276	24.61	0.289	24.48	0.281
15	16QAM	1	0	24.44	0.278	24.72	0.296	24.46	0.279
15	16QAM	1	37	24.51	0.282	24.54	0.284	24.57	0.286
15	16QAM	1	74	24.49	0.281	24.54	0.284	24.54	0.284
15	16QAM	36	0	23.42	0.220	23.61	0.230	23.61	0.230
15	16QAM	36	20	23.59	0.229	23.53	0.225	23.57	0.228
15	16QAM	36	39	23.43	0.220	23.52	0.225	23.47	0.222
15	16QAM	75	0	23.50	0.224	23.77	0.238	23.61	0.230
15	64QAM	1	0	23.59	0.229	23.63	0.231	23.68	0.233
15	64QAM	1	37	23.48	0.223	23.64	0.231	23.58	0.228
15	64QAM	1	74	23.47	0.222	23.72	0.236	23.53	0.225
15	64QAM	36	0	22.45	0.176	22.74	0.188	22.36	0.172
15	64QAM	36	20	22.49	0.177	22.37	0.173	22.42	0.175
15	64QAM	36	39	22.38	0.173	22.67	0.185	22.39	0.173
15	64QAM	75	0	22.22	0.167	22.48	0.177	22.48	0.177

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.54	0.358	25.65	0.367	25.58	0.361
10	QPSK	1	25	25.41	0.348	25.59	0.362	25.50	0.355
10	QPSK	1	49	25.53	0.357	25.38	0.345	25.45	0.351
10	QPSK	25	0	24.49	0.281	24.65	0.292	24.32	0.270
10	QPSK	25	12	24.41	0.276	24.54	0.284	24.32	0.270
10	QPSK	25	25	24.49	0.281	24.57	0.286	24.38	0.274
10	QPSK	50	0	24.54	0.284	24.66	0.292	24.44	0.278
10	16QAM	1	0	24.49	0.281	24.57	0.286	24.74	0.298
10	16QAM	1	25	24.45	0.279	24.65	0.292	24.47	0.280
10	16QAM	1	49	24.62	0.290	24.49	0.281	24.66	0.292
10	16QAM	25	0	23.33	0.215	23.67	0.233	23.35	0.216
10	16QAM	25	12	23.42	0.220	23.54	0.226	23.58	0.228
10	16QAM	25	25	23.45	0.221	23.48	0.223	23.48	0.223
10	16QAM	50	0	23.52	0.225	23.61	0.230	23.38	0.218
10	64QAM	1	0	23.47	0.222	23.65	0.232	23.69	0.234
10	64QAM	1	25	23.63	0.231	23.69	0.234	23.49	0.223
10	64QAM	1	49	23.45	0.221	23.62	0.230	23.63	0.231
10	64QAM	25	0	22.59	0.182	22.66	0.185	22.41	0.174
10	64QAM	25	12	22.58	0.181	22.46	0.176	22.48	0.177
10	64QAM	25	25	22.31	0.170	22.43	0.175	22.43	0.175
10	64QAM	50	0	22.34	0.171	22.43	0.175	22.44	0.175

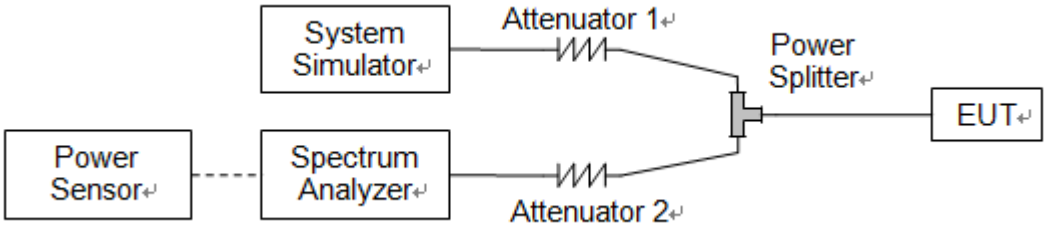
LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.60	0.363	25.63	0.366	25.50	0.355
5	QPSK	1	12	25.40	0.347	25.62	0.365	25.38	0.345
5	QPSK	1	24	25.38	0.345	25.31	0.340	25.40	0.347
5	QPSK	12	0	24.45	0.279	24.62	0.290	24.51	0.282
5	QPSK	12	7	24.34	0.272	24.55	0.285	24.35	0.272
5	QPSK	12	13	24.52	0.283	24.57	0.286	24.28	0.268
5	QPSK	25	0	24.45	0.279	24.52	0.283	24.44	0.278
5	16QAM	1	0	24.61	0.289	24.60	0.288	24.61	0.289
5	16QAM	1	12	24.59	0.288	24.55	0.285	24.40	0.275
5	16QAM	1	24	24.57	0.286	24.63	0.290	24.58	0.287
5	16QAM	12	0	23.64	0.231	23.61	0.230	23.59	0.229
5	16QAM	12	7	23.48	0.223	23.41	0.219	23.52	0.225
5	16QAM	12	13	23.30	0.214	23.46	0.222	23.48	0.223
5	16QAM	25	0	23.47	0.222	23.49	0.223	23.30	0.214
5	64QAM	1	0	23.42	0.220	23.60	0.229	23.59	0.229
5	64QAM	1	12	23.57	0.228	23.70	0.234	23.42	0.220
5	64QAM	1	24	23.46	0.222	23.65	0.232	23.49	0.223
5	64QAM	12	0	22.42	0.175	22.60	0.182	22.33	0.171
5	64QAM	12	7	22.46	0.176	22.58	0.181	22.44	0.175
5	64QAM	12	13	22.49	0.177	22.47	0.177	22.39	0.173
5	64QAM	25	0	22.24	0.167	22.53	0.179	22.22	0.167

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)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0897	1.2693	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0957	1.2929	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0994	1.2831	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0920	1.2759	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0939	1.2993	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0989	1.2842	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0958	1.2757	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0973	1.2832	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0959	1.2965	PASS
B2	3	Low	18615	1851.5	QPSK	2.6887	2.9149	PASS
B2	3	Low	18615	1851.5	16QAM	2.6917	2.9304	PASS
B2	3	Low	18615	1851.5	64QAM	2.6986	2.9161	PASS
B2	3	Mid	18900	1880	QPSK	2.6923	2.9049	PASS
B2	3	Mid	18900	1880	16QAM	2.6913	2.9284	PASS
B2	3	Mid	18900	1880	64QAM	2.7000	3.2515	PASS
B2	3	High	19185	1908.5	QPSK	2.6902	2.9085	PASS
B2	3	High	19185	1908.5	16QAM	2.6925	3.4616	PASS
B2	3	High	19185	1908.5	64QAM	2.6948	2.9064	PASS
B2	5	Low	18625	1852.5	QPSK	4.4810	5.0250	PASS
B2	5	Low	18625	1852.5	16QAM	4.4790	5.0684	PASS
B2	5	Low	18625	1852.5	64QAM	4.4887	4.9755	PASS
B2	5	Mid	18900	1880	QPSK	4.4791	5.0459	PASS
B2	5	Mid	18900	1880	16QAM	4.4768	4.9698	PASS
B2	5	Mid	18900	1880	64QAM	4.4820	5.0361	PASS
B2	5	High	19175	1907.5	QPSK	4.4798	5.0220	PASS
B2	5	High	19175	1907.5	16QAM	4.4733	5.0989	PASS
B2	5	High	19175	1907.5	64QAM	4.4939	5.0212	PASS
B2	10	Low	18650	1855	QPSK	8.9587	9.8994	PASS
B2	10	Low	18650	1855	16QAM	8.9352	10.3298	PASS
B2	10	Low	18650	1855	64QAM	8.9631	9.8977	PASS
B2	10	Mid	18900	1880	QPSK	8.9628	9.8728	PASS
B2	10	Mid	18900	1880	16QAM	8.9268	9.7413	PASS
B2	10	Mid	18900	1880	64QAM	8.9520	9.8912	PASS
B2	10	High	19150	1905	QPSK	8.9675	9.8206	PASS
B2	10	High	19150	1905	16QAM	8.9314	10.0249	PASS

B2	10	High	19150	1905	64QAM	8.9553	9.7567	PASS
B2	15	Low	18675	1857.5	QPSK	13.444	14.918	PASS
B2	15	Low	18675	1857.5	16QAM	13.443	14.765	PASS
B2	15	Low	18675	1857.5	64QAM	13.436	14.835	PASS
B2	15	Mid	18900	1880	QPSK	13.445	14.613	PASS
B2	15	Mid	18900	1880	16QAM	13.438	14.904	PASS
B2	15	Mid	18900	1880	64QAM	13.415	14.727	PASS
B2	15	High	19125	1902.5	QPSK	13.445	14.623	PASS
B2	15	High	19125	1902.5	16QAM	13.444	14.743	PASS
B2	15	High	19125	1902.5	64QAM	13.422	14.809	PASS
B2	20	Low	18700	1860	QPSK	17.917	20.713	PASS
B2	20	Low	18700	1860	16QAM	17.914	20.692	PASS
B2	20	Low	18700	1860	64QAM	17.915	19.433	PASS
B2	20	Mid	18900	1880	QPSK	17.887	19.315	PASS
B2	20	Mid	18900	1880	16QAM	17.911	19.428	PASS
B2	20	Mid	18900	1880	64QAM	17.911	19.404	PASS
B2	20	High	19100	1900	QPSK	17.890	19.727	PASS
B2	20	High	19100	1900	16QAM	17.886	20.394	PASS
B2	20	High	19100	1900	64QAM	17.900	19.423	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.0984	1.2876	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0976	1.2946	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0994	1.2787	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0925	1.2705	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0947	1.2913	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0964	1.2910	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0953	1.2751	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0977	1.2828	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0964	1.2923	PASS
B4	3	Low	19965	1711.5	QPSK	2.6871	2.9100	PASS
B4	3	Low	19965	1711.5	16QAM	2.6934	3.0943	PASS
B4	3	Low	19965	1711.5	64QAM	2.6970	2.9112	PASS
B4	3	Mid	20175	1732.5	QPSK	2.6884	2.9156	PASS
B4	3	Mid	20175	1732.5	16QAM	2.6946	2.9261	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6952	2.9117	PASS
B4	3	High	20385	1753.5	QPSK	2.6910	2.9209	PASS
B4	3	High	20385	1753.5	16QAM	2.6957	3.3117	PASS
B4	3	High	20385	1753.5	64QAM	2.6975	2.9242	PASS
B4	5	Low	19975	1712.5	QPSK	4.4837	5.0673	PASS

B4	5	Low	19975	1712.5	16QAM	4.4825	5.1569	PASS
B4	5	Low	19975	1712.5	64QAM	4.4973	5.0027	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4795	5.0283	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4825	5.0147	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4941	4.9611	PASS
B4	5	High	20375	1752.5	QPSK	4.4812	5.0392	PASS
B4	5	High	20375	1752.5	16QAM	4.4837	5.0020	PASS
B4	5	High	20375	1752.5	64QAM	4.4866	5.0209	PASS
B4	10	Low	20000	1715	QPSK	8.9730	10.4191	PASS
B4	10	Low	20000	1715	16QAM	8.9395	10.1469	PASS
B4	10	Low	20000	1715	64QAM	8.9546	9.8550	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9667	9.8156	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9379	9.6931	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9601	9.8690	PASS
B4	10	High	20350	1750	QPSK	8.9715	9.9017	PASS
B4	10	High	20350	1750	16QAM	8.9474	9.6778	PASS
B4	10	High	20350	1750	64QAM	8.9476	9.7576	PASS
B4	15	Low	20025	1717.5	QPSK	13.451	14.677	PASS
B4	15	Low	20025	1717.5	16QAM	13.398	14.572	PASS
B4	15	Low	20025	1717.5	64QAM	13.410	14.764	PASS
B4	15	Mid	20175	1732.5	QPSK	13.451	14.578	PASS
B4	15	Mid	20175	1732.5	16QAM	13.442	14.711	PASS
B4	15	Mid	20175	1732.5	64QAM	13.435	14.845	PASS
B4	15	High	20325	1747.5	QPSK	13.437	14.605	PASS
B4	15	High	20325	1747.5	16QAM	13.443	14.660	PASS
B4	15	High	20325	1747.5	64QAM	13.400	14.647	PASS
B4	20	Low	20050	1720	QPSK	17.903	19.423	PASS
B4	20	Low	20050	1720	16QAM	17.901	19.109	PASS
B4	20	Low	20050	1720	64QAM	17.875	19.390	PASS
B4	20	Mid	20175	1732.5	QPSK	17.894	19.304	PASS
B4	20	Mid	20175	1732.5	16QAM	17.890	19.313	PASS
B4	20	Mid	20175	1732.5	64QAM	17.885	19.694	PASS
B4	20	High	20300	1745	QPSK	17.898	19.420	PASS
B4	20	High	20300	1745	16QAM	17.910	19.374	PASS
B4	20	High	20300	1745	64QAM	17.901	19.444	PASS
B5	1.4	Low	20407	824.7	QPSK	1.0930	1.2885	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0971	1.2835	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1006	1.2910	PASS

B5	1.4	Mid	20525	836.5	QPSK	1.0936	1.2670	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0965	1.2838	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1016	1.3030	PASS
B5	1.4	High	20643	848.3	QPSK	1.0947	1.2863	PASS
B5	1.4	High	20643	848.3	16QAM	1.0941	1.2922	PASS
B5	1.4	High	20643	848.3	64QAM	1.0983	1.2682	PASS
B5	3	Low	20415	825.5	QPSK	2.6897	2.9135	PASS
B5	3	Low	20415	825.5	16QAM	2.6944	2.9256	PASS
B5	3	Low	20415	825.5	64QAM	2.6986	2.9103	PASS
B5	3	Mid	20525	836.5	QPSK	2.6890	2.9067	PASS
B5	3	Mid	20525	836.5	16QAM	2.6921	2.9280	PASS
B5	3	Mid	20525	836.5	64QAM	2.6989	2.8987	PASS
B5	3	High	20635	847.5	QPSK	2.6902	2.9169	PASS
B5	3	High	20635	847.5	16QAM	2.6914	2.9230	PASS
B5	3	High	20635	847.5	64QAM	2.6911	2.9084	PASS
B5	5	Low	20425	826.5	QPSK	4.4761	5.0266	PASS
B5	5	Low	20425	826.5	16QAM	4.4755	5.0253	PASS
B5	5	Low	20425	826.5	64QAM	4.4929	5.0124	PASS
B5	5	Mid	20525	836.5	QPSK	4.4795	5.0578	PASS
B5	5	Mid	20525	836.5	16QAM	4.4737	5.0374	PASS
B5	5	Mid	20525	836.5	64QAM	4.4889	5.0330	PASS
B5	5	High	20625	846.5	QPSK	4.4793	5.0436	PASS
B5	5	High	20625	846.5	16QAM	4.4652	5.0333	PASS
B5	5	High	20625	846.5	64QAM	4.4933	4.9957	PASS
B5	10	Low	20450	829	QPSK	8.9650	9.8094	PASS
B5	10	Low	20450	829	16QAM	8.9312	9.6964	PASS
B5	10	Low	20450	829	64QAM	8.9426	9.7859	PASS
B5	10	Mid	20525	836.5	QPSK	8.9533	9.8017	PASS
B5	10	Mid	20525	836.5	16QAM	8.9360	9.8145	PASS
B5	10	Mid	20525	836.5	64QAM	8.9520	9.8767	PASS
B5	10	High	20600	844	QPSK	8.9408	9.7333	PASS
B5	10	High	20600	844	16QAM	8.9374	9.6539	PASS
B5	10	High	20600	844	64QAM	8.9542	9.7780	PASS
B7	5	Low	20775	2502.5	QPSK	4.4892	5.0643	PASS
B7	5	Low	20775	2502.5	16QAM	4.4744	5.0427	PASS
B7	5	Low	20775	2502.5	64QAM	4.4907	5.0093	PASS
B7	5	Mid	21100	2535	QPSK	4.4792	5.0073	PASS
B7	5	Mid	21100	2535	16QAM	4.4797	5.0450	PASS

B7	5	Mid	21100	2535	64QAM	4.4835	4.9809	PASS
B7	5	High	21425	2567.5	QPSK	4.4729	5.0660	PASS
B7	5	High	21425	2567.5	16QAM	4.4797	5.0219	PASS
B7	5	High	21425	2567.5	64QAM	4.4802	4.9812	PASS
B7	10	Low	20800	2505	QPSK	8.9535	9.7795	PASS
B7	10	Low	20800	2505	16QAM	8.9338	9.7834	PASS
B7	10	Low	20800	2505	64QAM	8.9497	9.7781	PASS
B7	10	Mid	21100	2535	QPSK	8.9523	9.7510	PASS
B7	10	Mid	21100	2535	16QAM	8.9414	9.8053	PASS
B7	10	Mid	21100	2535	64QAM	8.9487	9.8210	PASS
B7	10	High	21400	2565	QPSK	8.9620	9.8522	PASS
B7	10	High	21400	2565	16QAM	8.9512	9.7944	PASS
B7	10	High	21400	2565	64QAM	8.9602	9.8523	PASS
B7	15	Low	20825	2507.5	QPSK	13.414	14.579	PASS
B7	15	Low	20825	2507.5	16QAM	13.418	14.861	PASS
B7	15	Low	20825	2507.5	64QAM	13.392	14.541	PASS
B7	15	Mid	21100	2535	QPSK	13.454	14.616	PASS
B7	15	Mid	21100	2535	16QAM	13.407	14.802	PASS
B7	15	Mid	21100	2535	64QAM	13.397	14.580	PASS
B7	15	High	21375	2562.5	QPSK	13.453	14.657	PASS
B7	15	High	21375	2562.5	16QAM	13.435	14.853	PASS
B7	15	High	21375	2562.5	64QAM	13.418	14.639	PASS
B7	20	Low	20850	2510	QPSK	17.850	19.201	PASS
B7	20	Low	20850	2510	16QAM	17.908	19.279	PASS
B7	20	Low	20850	2510	64QAM	17.906	19.232	PASS
B7	20	Mid	21100	2535	QPSK	17.857	19.182	PASS
B7	20	Mid	21100	2535	16QAM	17.893	19.329	PASS
B7	20	Mid	21100	2535	64QAM	17.855	19.236	PASS
B7	20	High	21350	2560	QPSK	17.927	19.606	PASS
B7	20	High	21350	2560	16QAM	17.900	19.414	PASS
B7	20	High	21350	2560	64QAM	17.941	19.533	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0846	1.2674	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0960	1.3024	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1023	1.3173	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0925	1.2687	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0960	1.2905	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0975	1.2834	PASS
B12	1.4	High	23173	715.3	QPSK	1.0921	1.2586	PASS
B12	1.4	High	23173	715.3	16QAM	1.0946	1.3041	PASS
B12	1.4	High	23173	715.3	64QAM	1.0999	1.2954	PASS
B12	3	Low	23025	700.5	QPSK	2.6864	2.9103	PASS
B12	3	Low	23025	700.5	16QAM	2.6848	2.9203	PASS
B12	3	Low	23025	700.5	64QAM	2.7047	2.9837	PASS
B12	3	Mid	23095	707.5	QPSK	2.6910	2.9110	PASS
B12	3	Mid	23095	707.5	16QAM	2.6944	2.9268	PASS
B12	3	Mid	23095	707.5	64QAM	2.6904	2.9242	PASS
B12	3	High	23165	714.5	QPSK	2.6869	2.9157	PASS
B12	3	High	23165	714.5	16QAM	2.6888	2.9357	PASS
B12	3	High	23165	714.5	64QAM	2.6968	3.4866	PASS
B12	5	Low	23035	701.5	QPSK	4.4729	4.9602	PASS
B12	5	Low	23035	701.5	16QAM	4.4710	5.0734	PASS
B12	5	Low	23035	701.5	64QAM	4.4759	5.0246	PASS
B12	5	Mid	23095	707.5	QPSK	4.4813	5.0402	PASS
B12	5	Mid	23095	707.5	16QAM	4.4748	4.9746	PASS
B12	5	Mid	23095	707.5	64QAM	4.4906	5.0004	PASS
B12	5	High	23155	713.5	QPSK	4.4792	5.0056	PASS
B12	5	High	23155	713.5	16QAM	4.4716	4.9796	PASS
B12	5	High	23155	713.5	64QAM	4.4892	5.0501	PASS
B12	10	Low	23060	704	QPSK	8.9338	9.7872	PASS
B12	10	Low	23060	704	16QAM	8.9330	9.5943	PASS
B12	10	Low	23060	704	64QAM	8.9500	9.7208	PASS
B12	10	Mid	23095	707.5	QPSK	8.9608	9.8285	PASS
B12	10	Mid	23095	707.5	16QAM	8.9555	9.8596	PASS
B12	10	Mid	23095	707.5	64QAM	8.9789	9.8940	PASS
B12	10	High	23130	711	QPSK	8.9670	9.8261	PASS
B12	10	High	23130	711	16QAM	8.9612	9.7381	PASS

B12	10	High	23130	711	64QAM	8.9539	9.7658	PASS
B13	5	Low	23205	779.5	QPSK	4.4795	5.0244	PASS
B13	5	Low	23205	779.5	16QAM	4.4835	5.0903	PASS
B13	5	Low	23205	779.5	64QAM	4.4904	5.0361	PASS
B13	5	Mid	23230	782	QPSK	4.4834	5.0472	PASS
B13	5	Mid	23230	782	16QAM	4.4838	4.9912	PASS
B13	5	Mid	23230	782	64QAM	4.4803	4.9974	PASS
B13	5	High	23255	784.5	QPSK	4.4777	4.9884	PASS
B13	5	High	23255	784.5	16QAM	4.4837	4.9943	PASS
B13	5	High	23255	784.5	64QAM	4.4815	4.9936	PASS
B13	10	Mid	23230	782	QPSK	8.9706	9.8434	PASS
B13	10	Mid	23230	782	16QAM	8.9352	9.6491	PASS
B13	10	Mid	23230	782	64QAM	8.9495	9.7978	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4823	5.0074	PASS
B17	5	Low	23755	706.5	16QAM	4.4787	4.9971	PASS
B17	5	Low	23755	706.5	64QAM	4.4932	5.0294	PASS
B17	5	Mid	23790	710	QPSK	4.4834	5.0074	PASS
B17	5	Mid	23790	710	16QAM	4.4851	5.0200	PASS
B17	5	Mid	23790	710	64QAM	4.4913	5.0242	PASS
B17	5	High	23825	713.5	QPSK	4.4804	5.0291	PASS
B17	5	High	23825	713.5	16QAM	4.4779	5.0340	PASS
B17	5	High	23825	713.5	64QAM	4.4791	4.9896	PASS
B17	10	Low	23780	709	QPSK	8.9756	9.7667	PASS
B17	10	Low	23780	709	16QAM	8.9451	9.7724	PASS
B17	10	Low	23780	709	64QAM	8.9775	9.8135	PASS
B17	10	Mid	23790	710	QPSK	8.9711	9.9299	PASS
B17	10	Mid	23790	710	16QAM	8.9505	9.7804	PASS
B17	10	Mid	23790	710	64QAM	8.9637	9.8840	PASS
B17	10	High	23800	711	QPSK	8.9588	9.8824	PASS
B17	10	High	23800	711	16QAM	8.9433	9.8039	PASS
B17	10	High	23800	711	64QAM	8.9627	9.8112	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18 part22	5	Low	23965	826.5	QPSK	4.4803	5.0389	PASS
B18 part22	5	Low	23965	826.5	16QAM	4.4717	5.0329	PASS
B18 part22	5	Low	23965	826.5	64QAM	4.4920	5.0574	PASS
B18 part22	5	Mid	23970	827	QPSK	4.4831	5.0400	PASS
B18 part22	5	Mid	23970	827	16QAM	4.4811	5.0743	PASS
B18 part22	5	Mid	23970	827	64QAM	4.4895	4.9817	PASS
B18 part22	5	High	23975	827.5	QPSK	4.4808	5.0112	PASS
B18 part22	5	High	23975	827.5	16QAM	4.4808	5.0397	PASS
B18 part22	5	High	23975	827.5	64QAM	4.4928	5.1661	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B19	5	Low	24025	832.5	QPSK	4.4840	5.0323	PASS
B19	5	Low	24025	832.5	16QAM	4.4774	5.0670	PASS
B19	5	Low	24025	832.5	64QAM	4.4835	4.9581	PASS
B19	5	Mid	24075	837.5	QPSK	4.4809	5.0612	PASS
B19	5	Mid	24075	837.5	16QAM	4.4733	5.0258	PASS
B19	5	Mid	24075	837.5	64QAM	4.4897	5.0314	PASS
B19	5	High	24125	842.5	QPSK	4.4746	5.0390	PASS
B19	5	High	24125	842.5	16QAM	4.4835	5.0722	PASS
B19	5	High	24125	842.5	64QAM	4.4929	5.0029	PASS
B19	10	Low	24050	835	QPSK	8.9416	9.8368	PASS
B19	10	Low	24050	835	16QAM	8.9394	9.7720	PASS
B19	10	Low	24050	835	64QAM	8.9449	9.8690	PASS
B19	10	Mid	24075	837.5	QPSK	8.9659	9.6244	PASS
B19	10	Mid	24075	837.5	16QAM	8.9286	9.6888	PASS
B19	10	Mid	24075	837.5	64QAM	8.9506	9.8619	PASS
B19	10	High	24100	840	QPSK	8.9477	9.8119	PASS
B19	10	High	24100	840	16QAM	8.9434	9.7114	PASS
B19	10	High	24100	840	64QAM	8.9650	9.7942	PASS
B19	15	Low	24075	837.5	QPSK	13.409	14.570	PASS
B19	15	Low	24075	837.5	16QAM	13.431	14.727	PASS
B19	15	Low	24075	837.5	64QAM	13.394	14.756	PASS
B19	15	Mid	24075	837.5	QPSK	13.426	14.596	PASS
B19	15	Mid	24075	837.5	16QAM	13.431	14.844	PASS
B19	15	Mid	24075	837.5	64QAM	13.425	14.870	PASS
B19	15	High	24075	837.5	QPSK	13.430	14.580	PASS
B19	15	High	24075	837.5	16QAM	13.428	14.744	PASS
B19	15	High	24075	837.5	64QAM	13.404	14.742	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0962	1.2608	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1000	1.2797	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1007	1.2944	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0940	1.2868	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.0984	1.2874	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0999	1.2822	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0946	1.2708	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1014	1.3028	PASS
B25	1.4	High	26683	1914.3	64QAM	1.0980	1.3091	PASS
B25	3	Low	26055	1851.5	QPSK	2.6881	2.9211	PASS
B25	3	Low	26055	1851.5	16QAM	2.6865	2.9304	PASS
B25	3	Low	26055	1851.5	64QAM	2.6987	2.9400	PASS
B25	3	Mid	26365	1882.5	QPSK	2.6875	2.9265	PASS
B25	3	Mid	26365	1882.5	16QAM	2.6928	2.9365	PASS
B25	3	Mid	26365	1882.5	64QAM	2.6993	2.9500	PASS
B25	3	High	26675	1913.5	QPSK	2.6899	2.9090	PASS
B25	3	High	26675	1913.5	16QAM	2.6872	2.9125	PASS
B25	3	High	26675	1913.5	64QAM	2.7013	3.3834	PASS
B25	5	Low	26065	1852.5	QPSK	4.4806	5.0880	PASS
B25	5	Low	26065	1852.5	16QAM	4.4746	5.0760	PASS
B25	5	Low	26065	1852.5	64QAM	4.4809	4.9918	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4810	5.0233	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4757	4.9916	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4932	4.9857	PASS
B25	5	High	26665	1912.5	QPSK	4.4709	4.9941	PASS
B25	5	High	26665	1912.5	16QAM	4.4701	5.0190	PASS
B25	5	High	26665	1912.5	64QAM	4.4785	5.0581	PASS
B25	10	Low	26090	1855	QPSK	8.9557	9.7537	PASS
B25	10	Low	26090	1855	16QAM	8.9320	9.9195	PASS
B25	10	Low	26090	1855	64QAM	8.9500	9.8007	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9620	9.8693	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9410	9.8044	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9499	9.8125	PASS
B25	10	High	26640	1910	QPSK	8.9422	9.9513	PASS
B25	10	High	26640	1910	16QAM	8.9401	10.2306	PASS

B25	10	High	26640	1910	64QAM	8.9519	9.7372	PASS
B25	15	Low	26115	1857.5	QPSK	13.474	15.007	PASS
B25	15	Low	26115	1857.5	16QAM	13.427	14.847	PASS
B25	15	Low	26115	1857.5	64QAM	13.431	14.818	PASS
B25	15	Mid	26365	1882.5	QPSK	13.449	14.543	PASS
B25	15	Mid	26365	1882.5	16QAM	13.439	14.743	PASS
B25	15	Mid	26365	1882.5	64QAM	13.409	14.915	PASS
B25	15	High	26615	1907.5	QPSK	13.451	14.560	PASS
B25	15	High	26615	1907.5	16QAM	13.421	14.771	PASS
B25	15	High	26615	1907.5	64QAM	13.404	14.753	PASS
B25	20	Low	26140	1860	QPSK	17.897	19.430	PASS
B25	20	Low	26140	1860	16QAM	17.927	19.844	PASS
B25	20	Low	26140	1860	64QAM	17.924	19.621	PASS
B25	20	Mid	26365	1882.5	QPSK	17.889	19.768	PASS
B25	20	Mid	26365	1882.5	16QAM	17.889	19.109	PASS
B25	20	Mid	26365	1882.5	64QAM	17.897	19.380	PASS
B25	20	High	26590	1905	QPSK	17.884	19.709	PASS
B25	20	High	26590	1905	16QAM	17.863	19.292	PASS
B25	20	High	26590	1905	64QAM	17.863	19.513	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0955	1.2868	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.0975	1.2928	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0992	1.2890	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0934	1.2855	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0971	1.3006	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.0968	1.2882	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0960	1.2776	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0961	1.3048	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.0988	1.2853	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.6895	2.9215	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.6885	2.9220	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.6997	2.9243	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.6877	2.9098	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.6892	2.9308	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.6966	2.9154	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.6875	2.9203	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.6943	2.9212	PASS
B26	3	High	27025	847.5	64QAM	2.6913	2.9116	PASS

Part22								
B26 Part22	5	Low	26815	826.5	QPSK	4.4784	5.0521	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4747	5.0611	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4814	5.0681	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4766	5.0307	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4766	5.0787	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4888	5.0145	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4744	5.0158	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4736	5.0160	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4831	5.0006	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9733	9.8381	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9500	9.7492	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9495	9.8628	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9529	9.8488	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9210	9.7697	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9478	9.8450	PASS
B26 Part22	10	High	26990	844	QPSK	8.9602	9.8159	PASS
B26 Part22	10	High	26990	844	16QAM	8.9330	9.6757	PASS
B26 Part22	10	High	26990	844	64QAM	8.9428	9.8592	PASS
B26	15	Low	26865	831.5	QPSK	13.458	14.680	PASS

Part22								
B26 Part22	15	Low	26865	831.5	16QAM	13.430	14.641	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.425	14.884	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.464	14.592	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.431	14.772	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.418	14.690	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.437	14.555	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.434	14.878	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.395	14.538	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4876	4.9675	PASS
B38	5	Low	37775	2572.5	16QAM	4.4746	5.0180	PASS
B38	5	Low	37775	2572.5	64QAM	4.4930	4.9377	PASS
B38	5	Mid	38000	2595	QPSK	4.4816	5.0209	PASS
B38	5	Mid	38000	2595	16QAM	4.4799	5.0057	PASS
B38	5	Mid	38000	2595	64QAM	4.4836	4.9644	PASS
B38	5	High	38225	2617.5	QPSK	4.4779	5.0045	PASS
B38	5	High	38225	2617.5	16QAM	4.4760	5.0050	PASS
B38	5	High	38225	2617.5	64QAM	4.4887	4.9633	PASS
B38	10	Low	37800	2575	QPSK	8.9239	9.6626	PASS
B38	10	Low	37800	2575	16QAM	8.9325	9.8322	PASS
B38	10	Low	37800	2575	64QAM	8.9213	9.8042	PASS
B38	10	Mid	38000	2595	QPSK	8.9390	9.6999	PASS
B38	10	Mid	38000	2595	16QAM	8.9428	9.7719	PASS
B38	10	Mid	38000	2595	64QAM	8.9347	9.8007	PASS
B38	10	High	38200	2615	QPSK	8.9481	9.6237	PASS
B38	10	High	38200	2615	16QAM	8.9511	9.6024	PASS
B38	10	High	38200	2615	64QAM	8.9456	9.9453	PASS
B38	15	Low	37825	2577.5	QPSK	13.428	14.535	PASS
B38	15	Low	37825	2577.5	16QAM	13.419	14.700	PASS
B38	15	Low	37825	2577.5	64QAM	13.427	14.717	PASS
B38	15	Mid	38000	2595	QPSK	13.410	14.572	PASS
B38	15	Mid	38000	2595	16QAM	13.434	14.938	PASS
B38	15	Mid	38000	2595	64QAM	13.410	14.600	PASS
B38	15	High	38175	2612.5	QPSK	13.418	14.533	PASS
B38	15	High	38175	2612.5	16QAM	13.437	14.615	PASS
B38	15	High	38175	2612.5	64QAM	13.422	14.726	PASS
B38	20	Low	37850	2580	QPSK	17.832	19.022	PASS
B38	20	Low	37850	2580	16QAM	17.846	19.171	PASS
B38	20	Low	37850	2580	64QAM	17.879	19.429	PASS
B38	20	Mid	38000	2595	QPSK	17.874	19.283	PASS
B38	20	Mid	38000	2595	16QAM	17.876	19.267	PASS
B38	20	Mid	38000	2595	64QAM	17.891	19.564	PASS
B38	20	High	38150	2610	QPSK	17.893	19.181	PASS
B38	20	High	38150	2610	16QAM	17.883	19.204	PASS

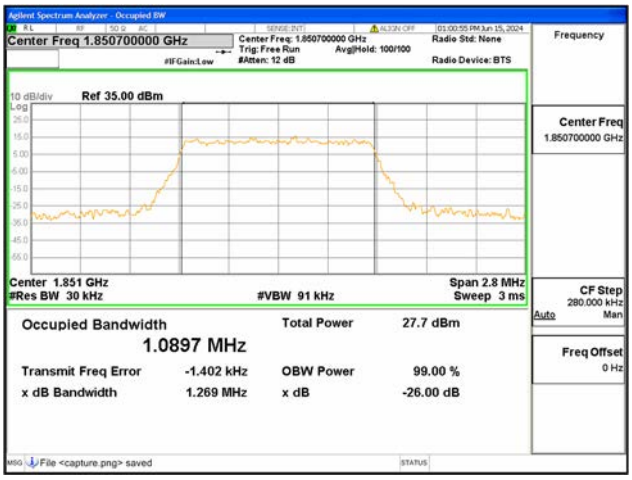
B38	20	High	38150	2610	64QAM	17.896	19.328	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-1	5	Low	38725	2307.5	QPSK	4.4783	5.0309	PASS
B40-1	5	Low	38725	2307.5	16QAM	4.4720	4.9759	PASS
B40-1	5	Low	38725	2307.5	64QAM	4.4865	5.0171	PASS
B40-1	5	Mid	38750	2310	QPSK	4.4792	5.0277	PASS
B40-1	5	Mid	38750	2310	16QAM	4.4800	4.9744	PASS
B40-1	5	Mid	38750	2310	64QAM	4.4939	4.9431	PASS
B40-1	5	High	38775	2312.5	QPSK	4.4761	4.9893	PASS
B40-1	5	High	38775	2312.5	16QAM	4.4819	5.0378	PASS
B40-1	5	High	38775	2312.5	64QAM	4.4927	4.9242	PASS
B40-1	10	Mid	38750	2310	QPSK	8.9481	9.7212	PASS
B40-1	10	Mid	38750	2310	16QAM	8.9420	9.9035	PASS
B40-1	10	Mid	38750	2310	64QAM	8.9505	9.8004	PASS

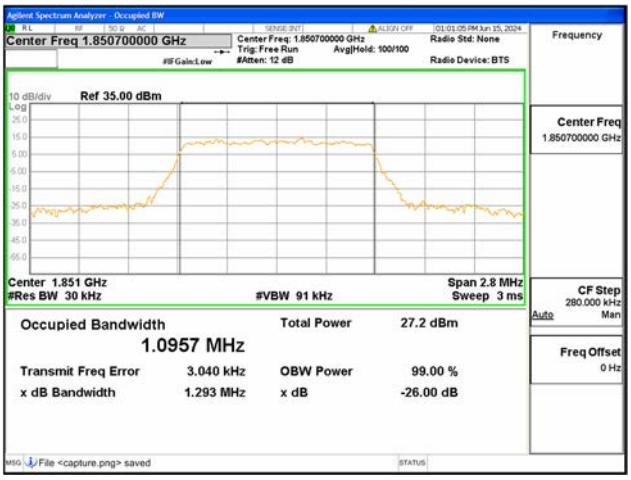
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-2	5	Low	39175	2352.5	QPSK	4.4743	5.0601	PASS
B40-2	5	Low	39175	2352.5	16QAM	4.4734	5.0149	PASS
B40-2	5	Low	39175	2352.5	64QAM	4.4902	4.9243	PASS
B40-2	5	Mid	39200	2355	QPSK	4.4820	5.0257	PASS
B40-2	5	Mid	39200	2355	16QAM	4.4725	5.0144	PASS
B40-2	5	Mid	39200	2355	64QAM	4.4855	4.9670	PASS
B40-2	5	High	39225	2357.5	QPSK	4.4798	4.9999	PASS
B40-2	5	High	39225	2357.5	16QAM	4.4795	5.0304	PASS
B40-2	5	High	39225	2357.5	64QAM	4.4844	4.9756	PASS
B40-2	10	Mid	39200	2355	QPSK	8.9309	9.7226	PASS
B40-2	10	Mid	39200	2355	16QAM	8.9416	9.5419	PASS
B40-2	10	Mid	39200	2355	64QAM	8.9574	9.7744	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4646	4.8915	PASS
B41	5	Low	39675	2498.5	16QAM	4.4728	4.9223	PASS
B41	5	Low	39675	2498.5	64QAM	4.4838	4.9109	PASS
B41	5	Mid	40620	2593	QPSK	4.4850	5.0184	PASS
B41	5	Mid	40620	2593	16QAM	4.4749	5.0286	PASS
B41	5	Mid	40620	2593	64QAM	4.4879	4.9642	PASS
B41	5	High	41565	2687.5	QPSK	4.4858	5.0274	PASS
B41	5	High	41565	2687.5	16QAM	4.4792	4.9806	PASS
B41	5	High	41565	2687.5	64QAM	4.4882	4.9531	PASS
B41	10	Low	39700	2501	QPSK	8.9188	9.6340	PASS
B41	10	Low	39700	2501	16QAM	8.8897	9.5849	PASS
B41	10	Low	39700	2501	64QAM	8.9105	9.6514	PASS
B41	10	Mid	40620	2593	QPSK	8.9501	9.7105	PASS
B41	10	Mid	40620	2593	16QAM	8.9473	9.9915	PASS
B41	10	Mid	40620	2593	64QAM	8.9438	9.7369	PASS
B41	10	High	41540	2685	QPSK	8.9355	9.7132	PASS
B41	10	High	41540	2685	16QAM	8.9529	9.8242	PASS
B41	10	High	41540	2685	64QAM	8.9506	9.9375	PASS
B41	15	Low	39725	2503.5	QPSK	13.361	14.330	PASS
B41	15	Low	39725	2503.5	16QAM	13.379	14.554	PASS
B41	15	Low	39725	2503.5	64QAM	13.306	14.345	PASS
B41	15	Mid	40620	2593	QPSK	13.420	14.425	PASS
B41	15	Mid	40620	2593	16QAM	13.456	14.837	PASS
B41	15	Mid	40620	2593	64QAM	13.410	14.692	PASS
B41	15	High	41515	2682.5	QPSK	13.414	14.550	PASS
B41	15	High	41515	2682.5	16QAM	13.431	14.841	PASS
B41	15	High	41515	2682.5	64QAM	13.422	14.586	PASS
B41	20	Low	39750	2506	QPSK	17.747	19.044	PASS
B41	20	Low	39750	2506	16QAM	17.762	18.941	PASS
B41	20	Low	39750	2506	64QAM	17.718	18.970	PASS
B41	20	Mid	40620	2593	QPSK	17.872	19.388	PASS
B41	20	Mid	40620	2593	16QAM	17.880	19.182	PASS
B41	20	Mid	40620	2593	64QAM	17.911	19.430	PASS
B41	20	High	41490	2680	QPSK	17.865	19.429	PASS
B41	20	High	41490	2680	16QAM	17.838	19.201	PASS

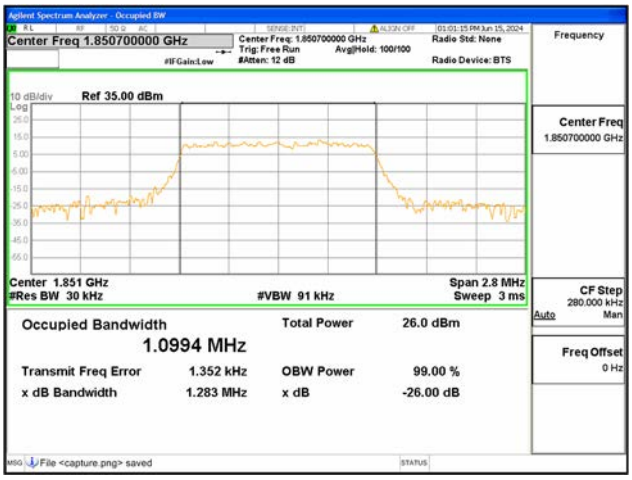
B41	20	High	41490	2680	64QAM	17.868	19.940	PASS



B2 / 1.4MHz / QPSK/ Low CH

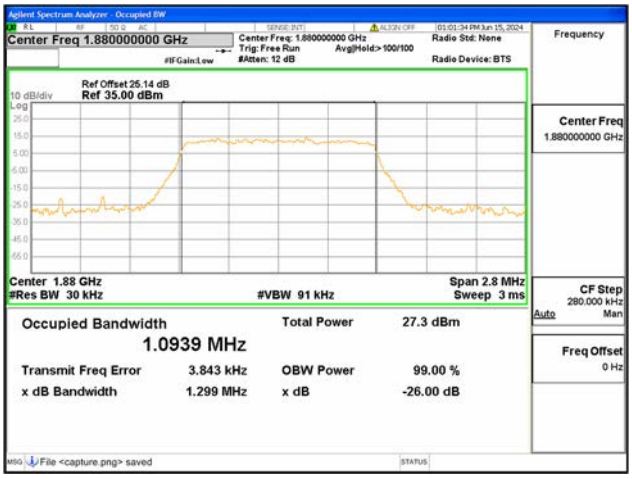


B2 / 1.4MHz / 16QAM/ Low CH

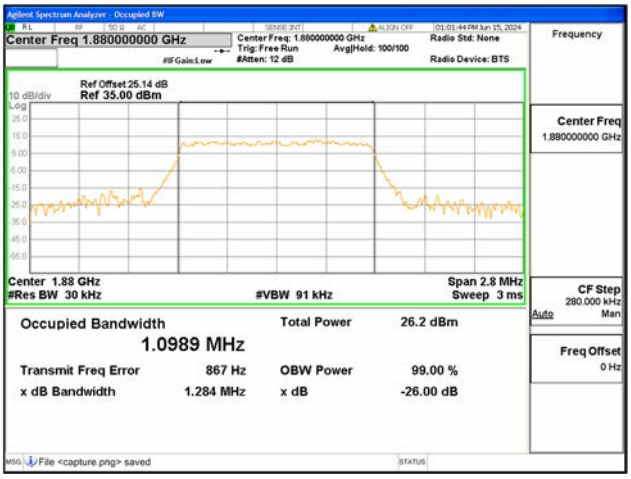


B2 / 1.4MHz / 64QAM/ Low CH

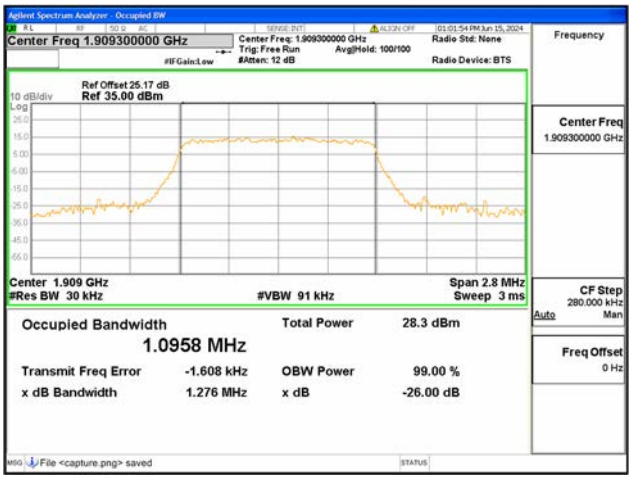
B2 / 1.4MHz / QPSK/ Mid CH



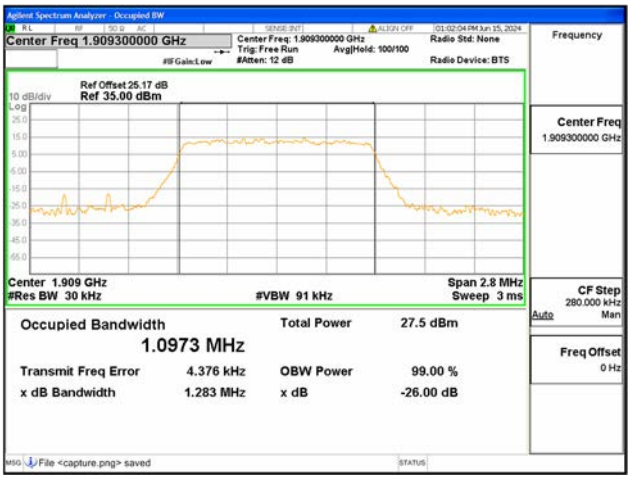
B2 / 1.4MHz / 16QAM/ Mid CH



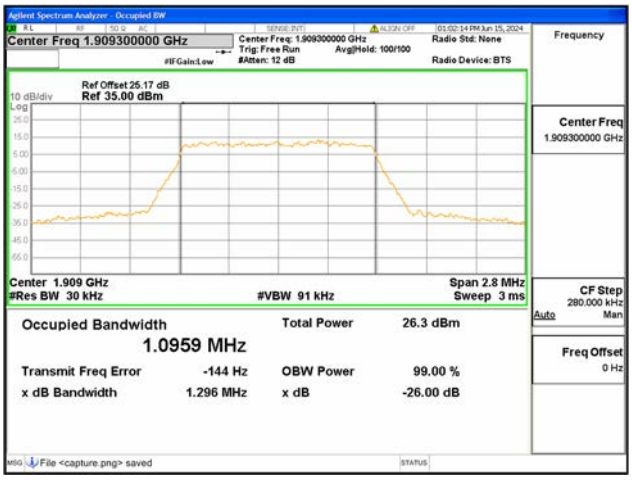
B2 / 1.4MHz / 64QAM/ Mid CH



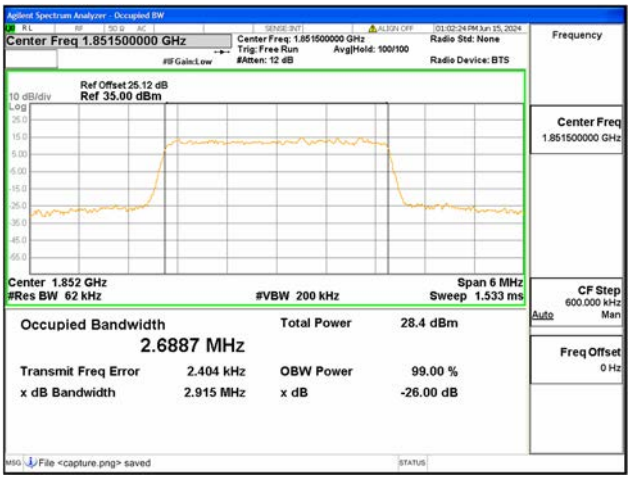
B2 / 1.4MHz / QPSK/ High CH



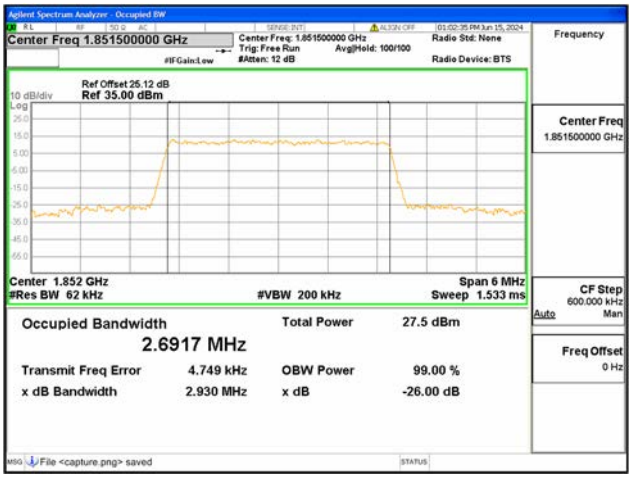
B2 / 1.4MHz / 16QAM/ High CH



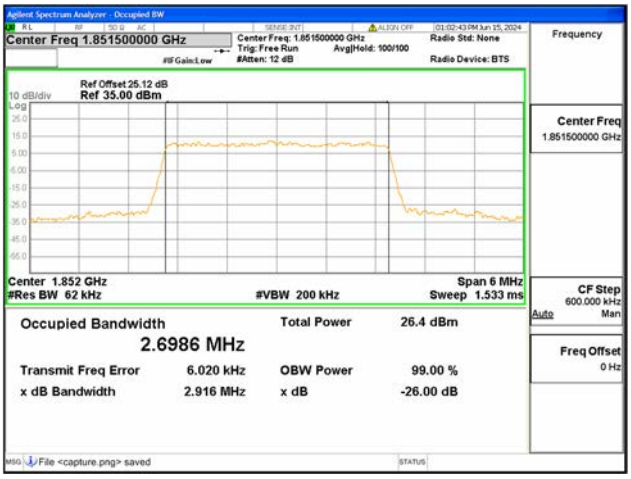
B2 / 1.4MHz / 64QAM/ High CH



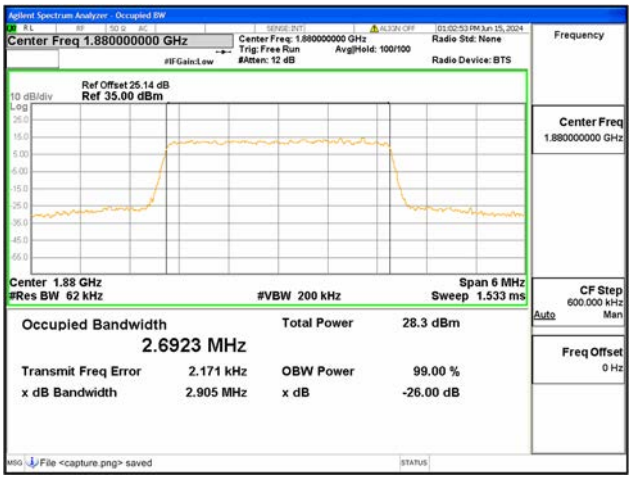
B2 / 3MHz / QPSK/ Low CH



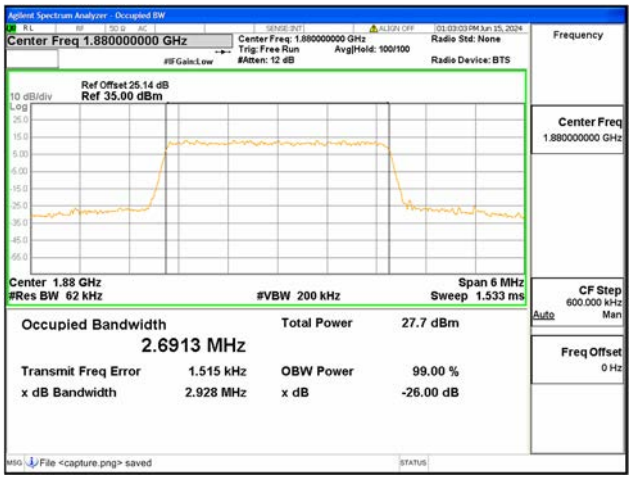
B2 / 3MHz / 16QAM/ Low CH



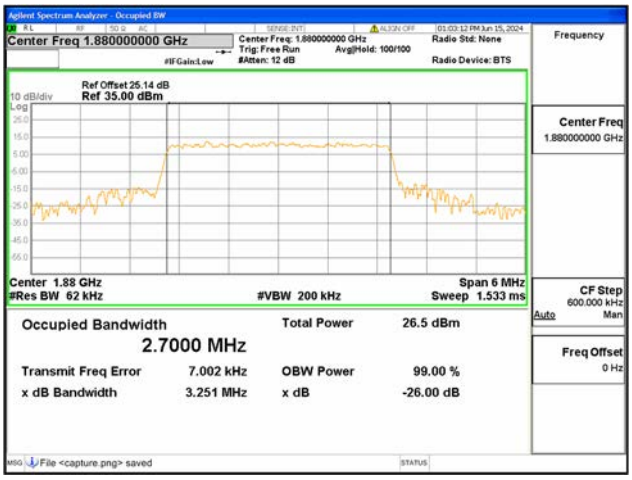
B2 / 3MHz / 64QAM/ Low CH



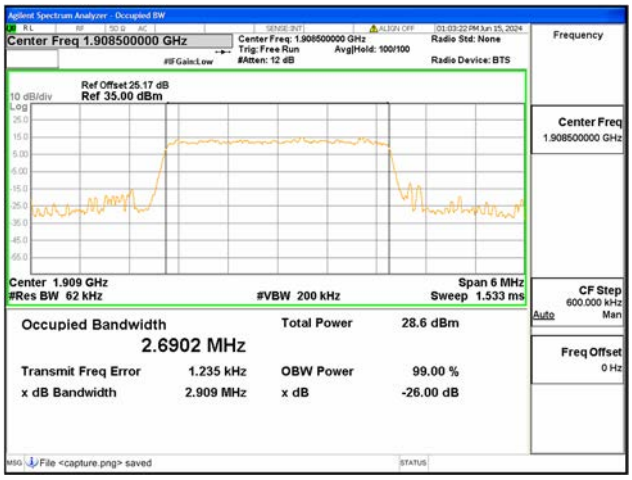
B2 / 3MHz / QPSK/ Mid CH



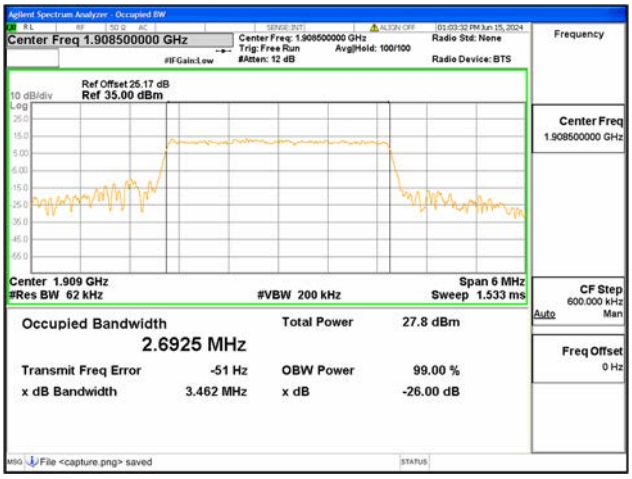
B2 / 3MHz / 16QAM/ Mid CH



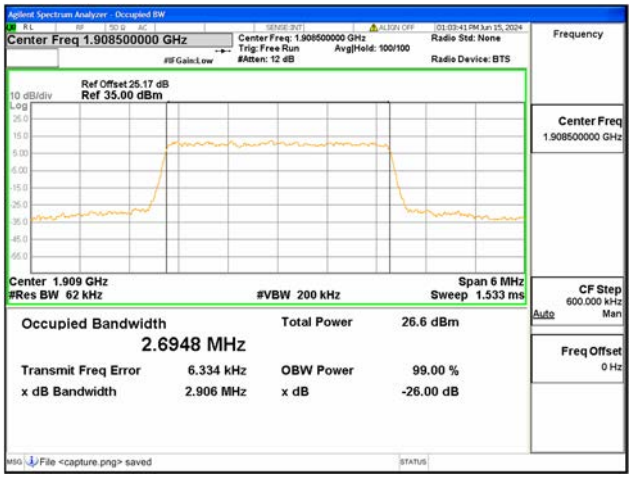
B2 / 3MHz / 64QAM/ Mid CH



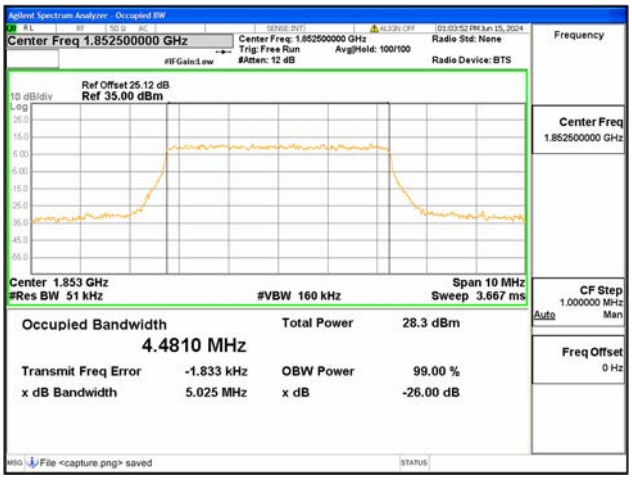
B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH

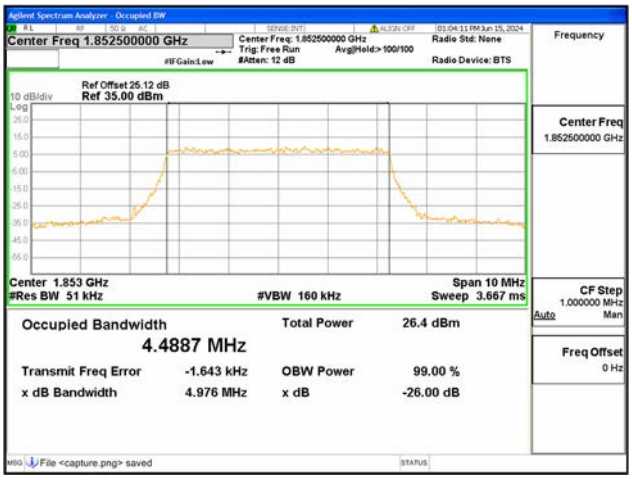


B2 / 3MHz / 64QAM/ High CH

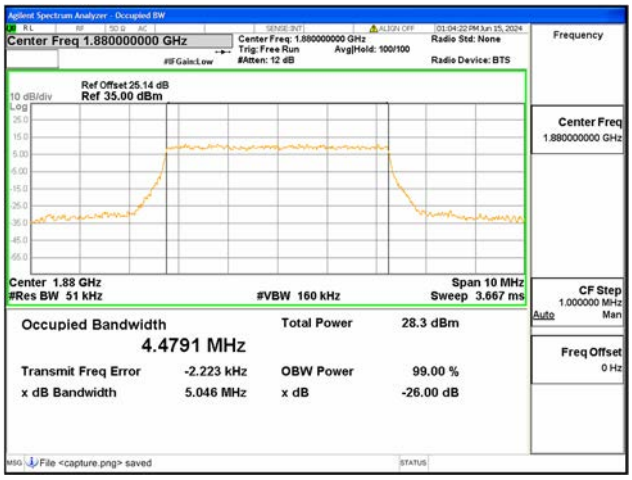


B2 / 5MHz / QPSK/ Low CH

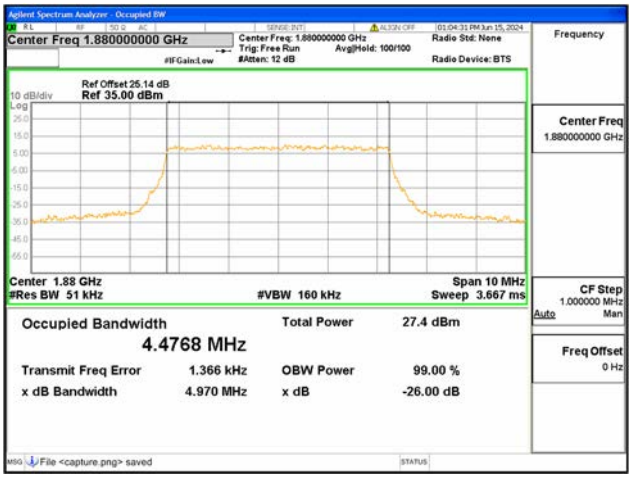
B2 / 5MHz / 16QAM/ Low CH



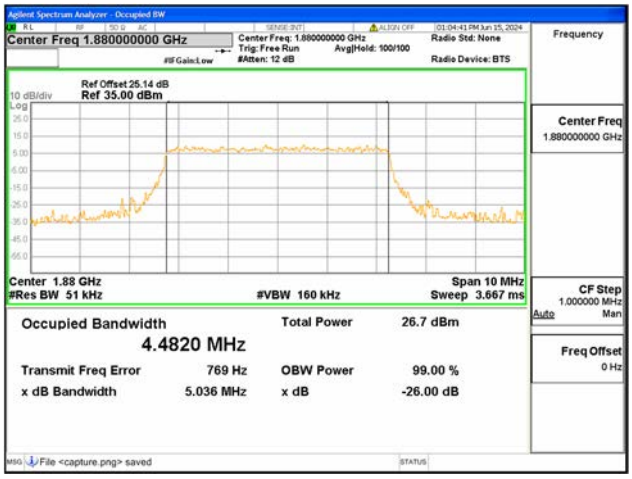
B2 / 5MHz / 64QAM/ Low CH



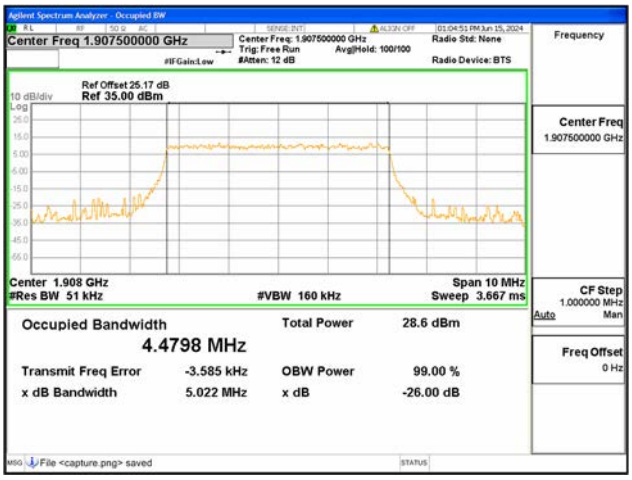
B2 / 5MHz / QPSK/ Mid CH



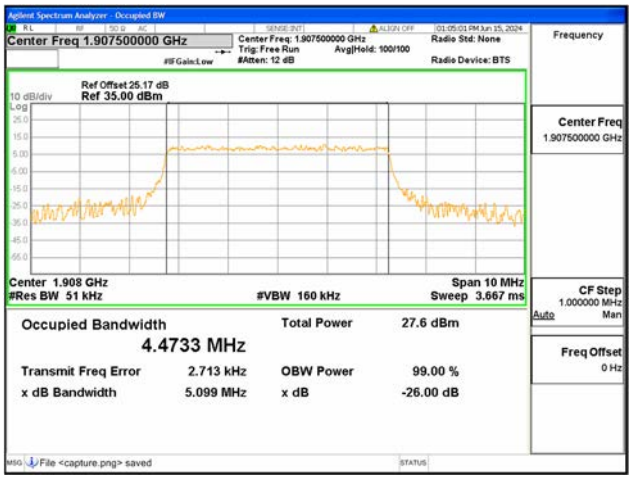
B2 / 5MHz / 16QAM/ Mid CH



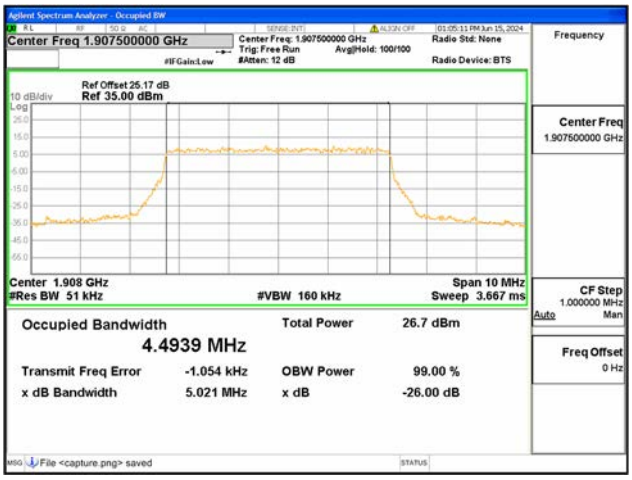
B2 / 5MHz / 64QAM/ Mid CH



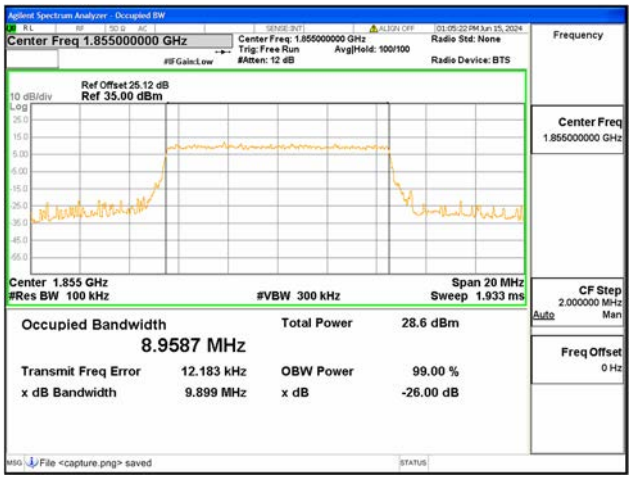
B2 / 5MHz / QPSK/ High CH



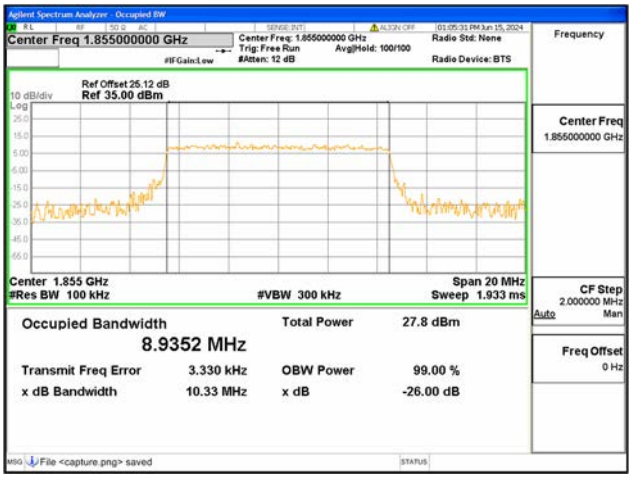
B2 / 5MHz / 16QAM/ High CH



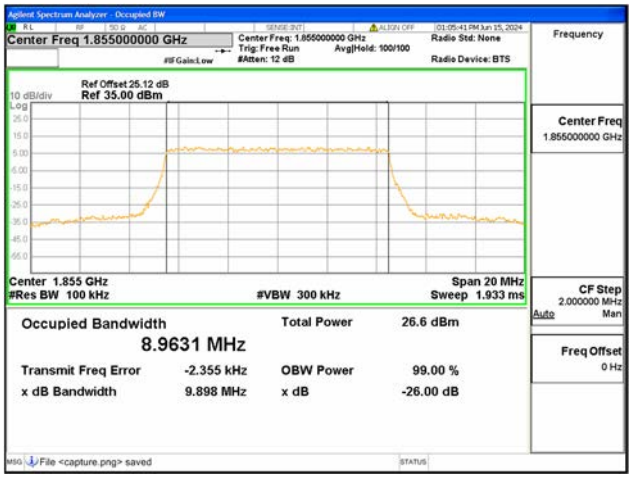
B2 / 5MHz / 64QAM/ High CH



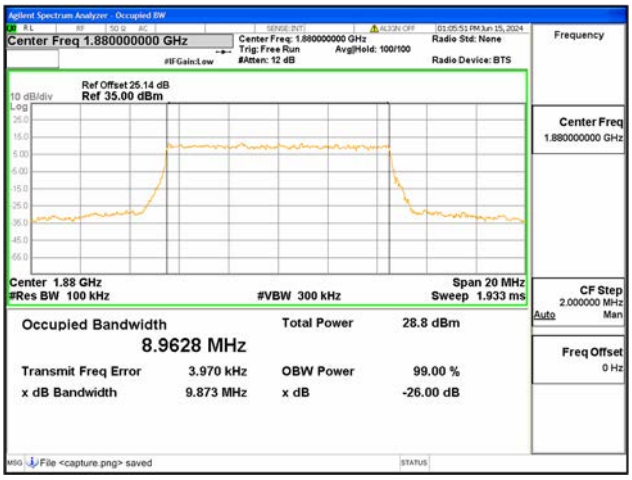
B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



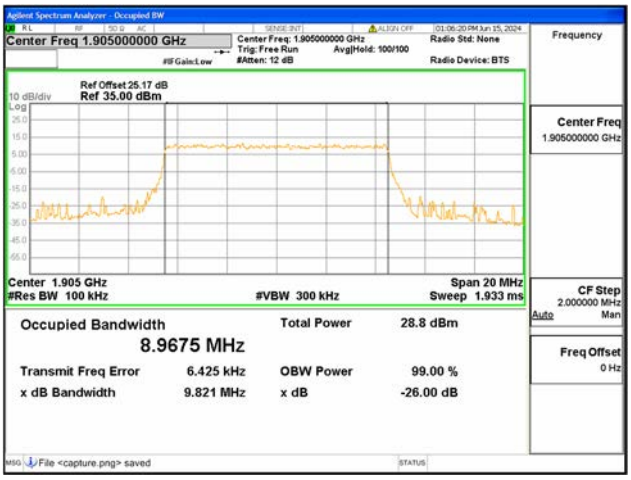
B2 / 10MHz / 64QAM/ Low CH



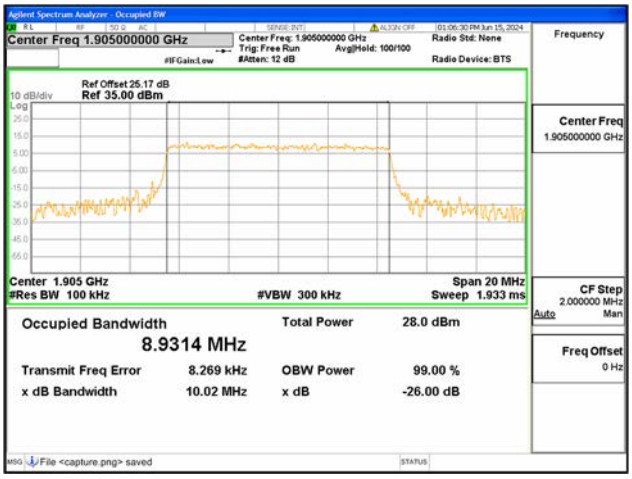
B2 / 10MHz / QPSK/ Mid CH

B2 / 10MHz / 16QAM/ Mid CH

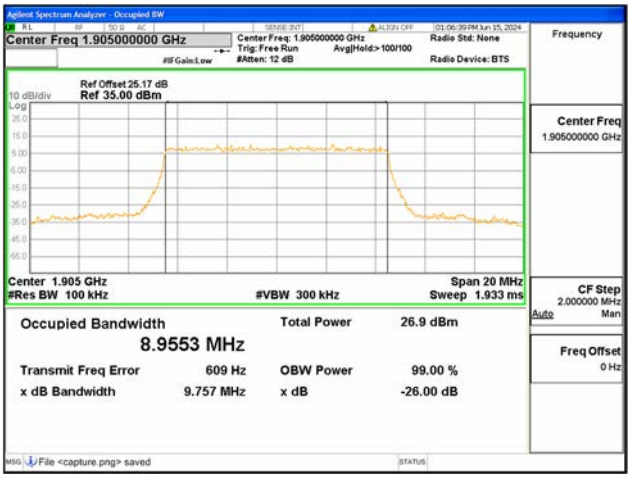
B2 / 10MHz / 64QAM/ Mid CH



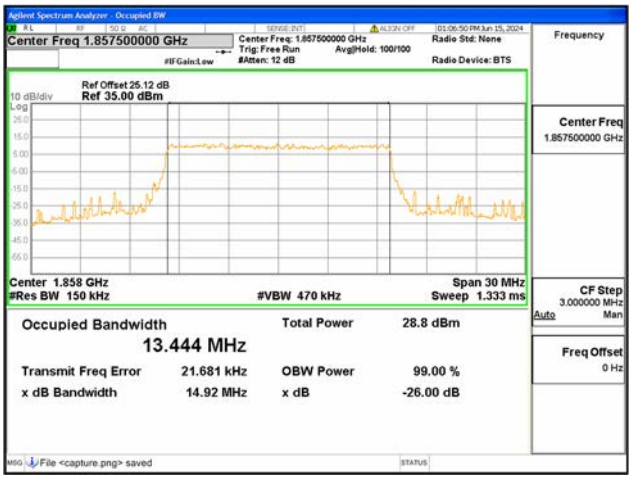
B2 / 10MHz / QPSK/ High CH



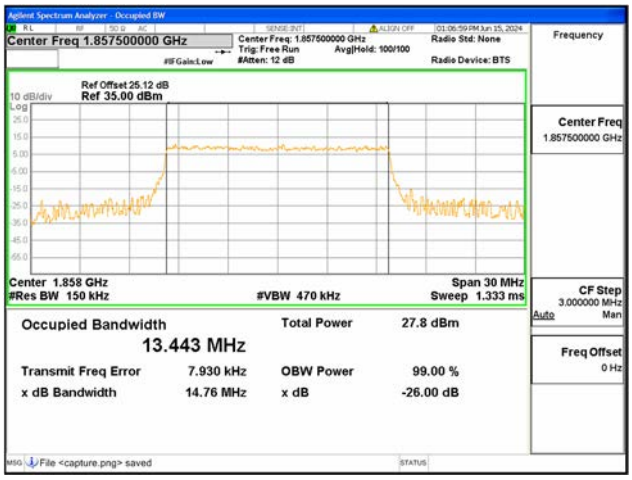
B2 / 10MHz / 16QAM/ High CH



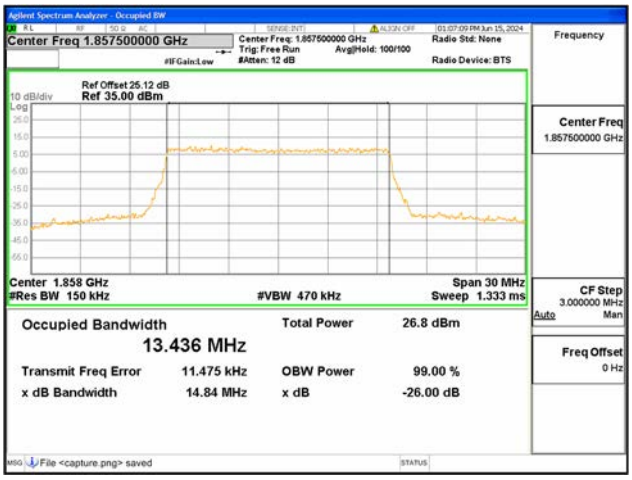
B2 / 10MHz / 64QAM/ High CH



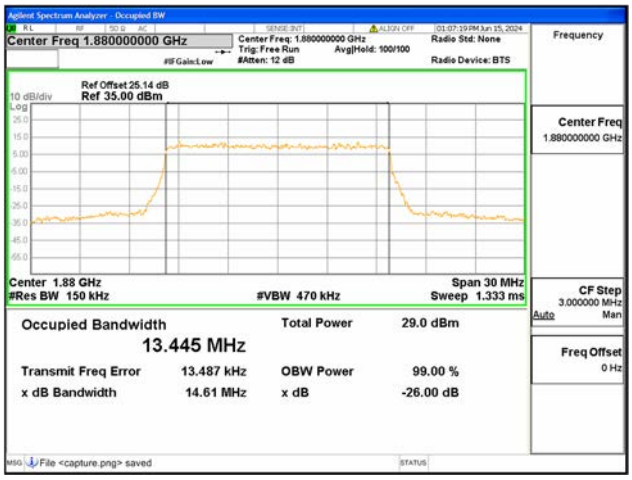
B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH

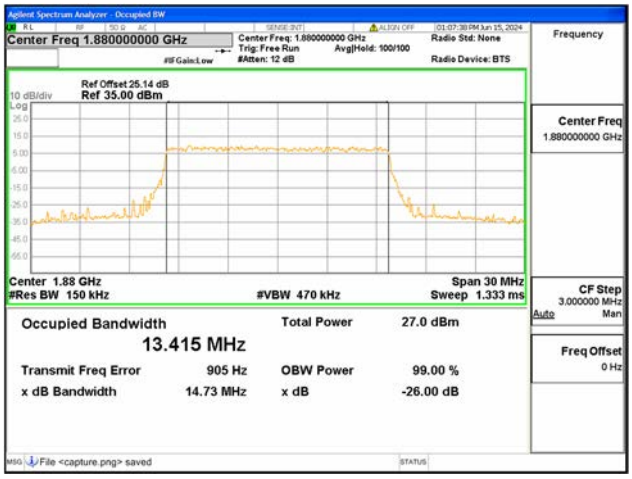


B2 / 15MHz / 64QAM/ Low CH

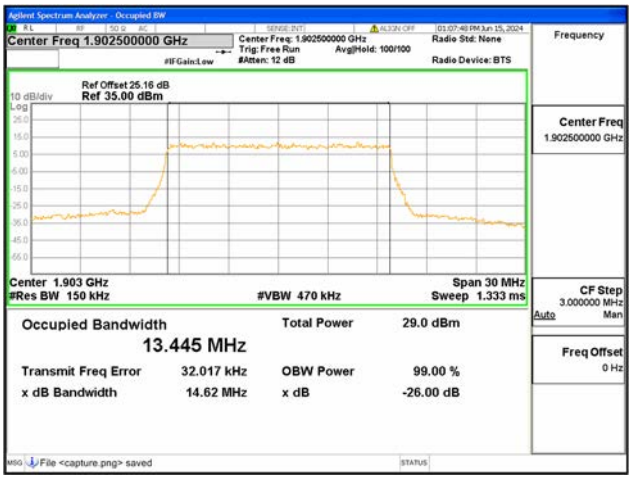


B2 / 15MHz / QPSK/ Mid CH

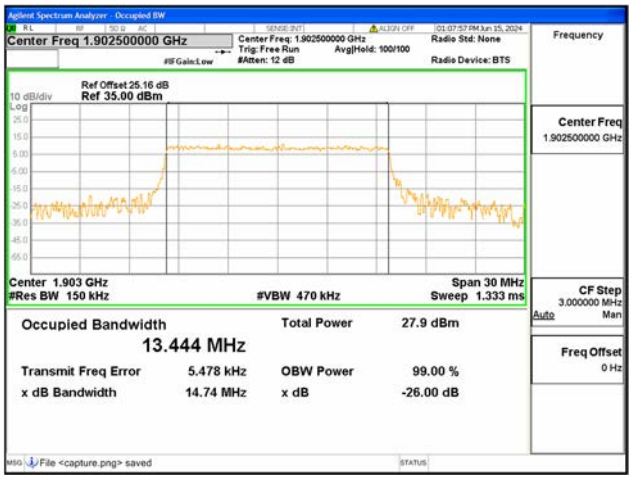
B2 / 15MHz / 16QAM/ Mid CH



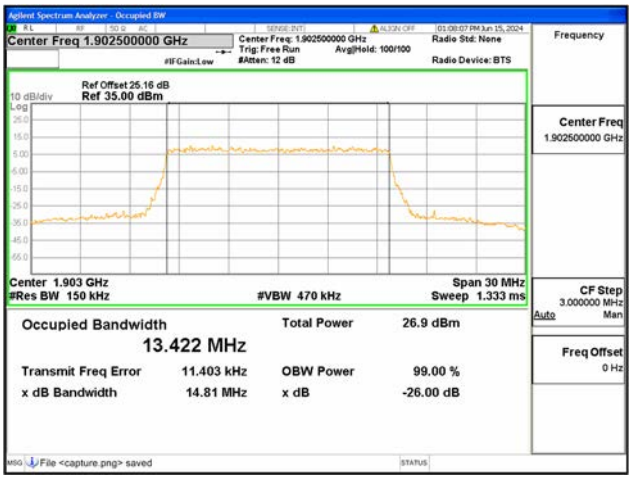
B2 / 15MHz / 64QAM/ Mid CH



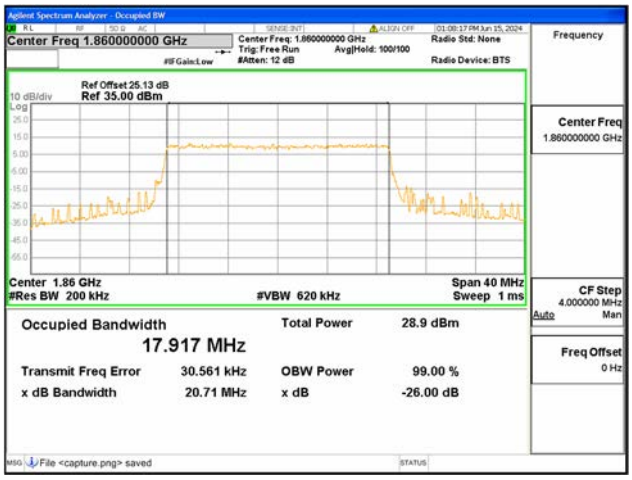
B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



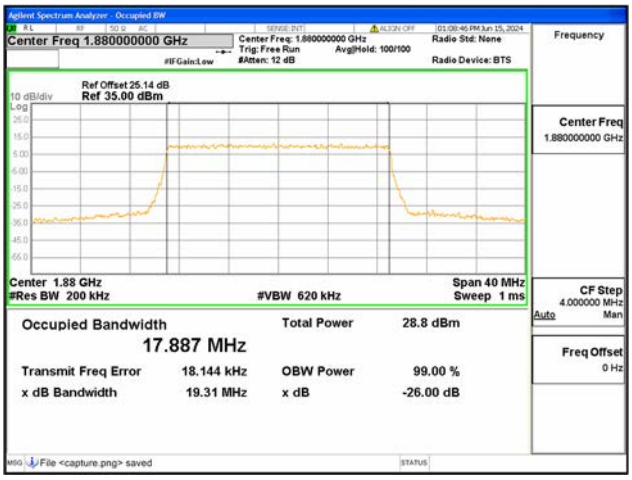
B2 / 15MHz / 64QAM/ High CH



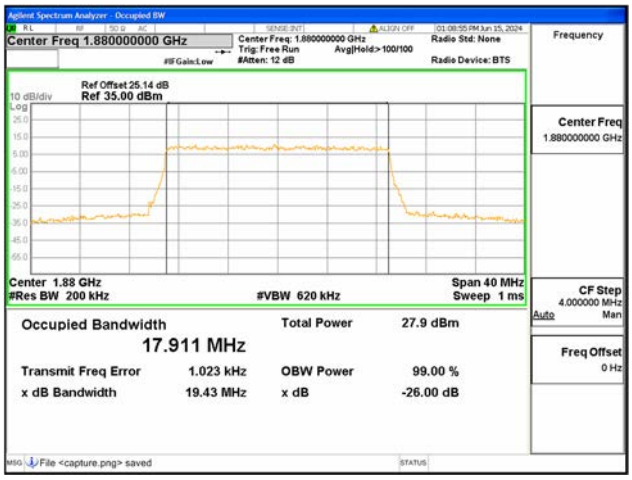
B2 / 20MHz / QPSK/ Low CH

B2 / 20MHz / 16QAM/ Low CH

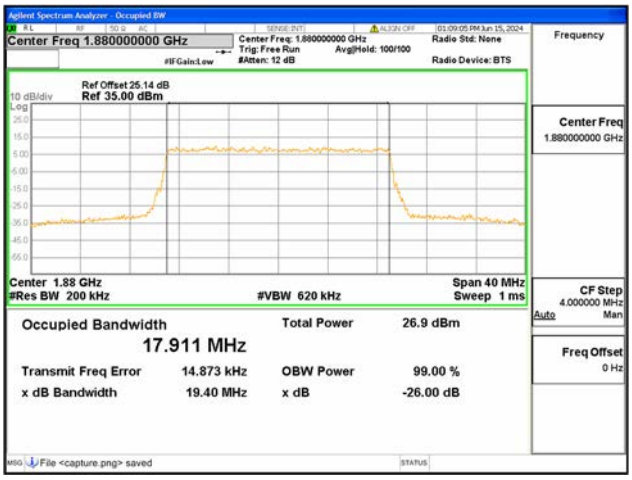
B2 / 20MHz / 64QAM/ Low CH



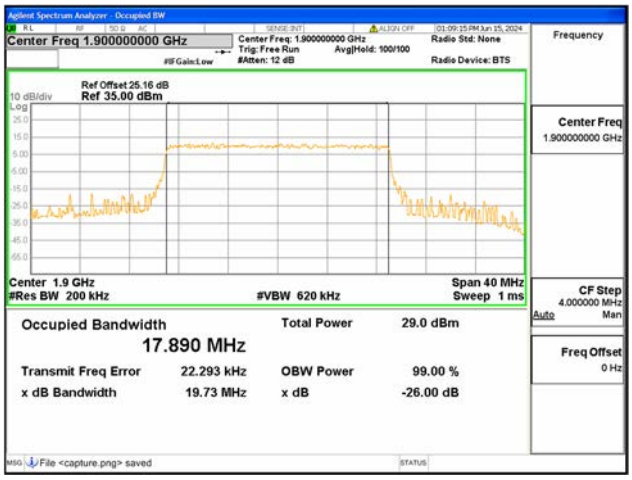
B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH

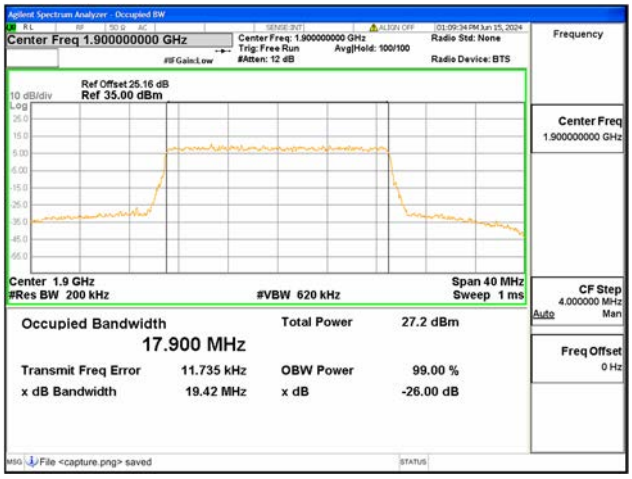


B2 / 20MHz / 64QAM/ Mid CH

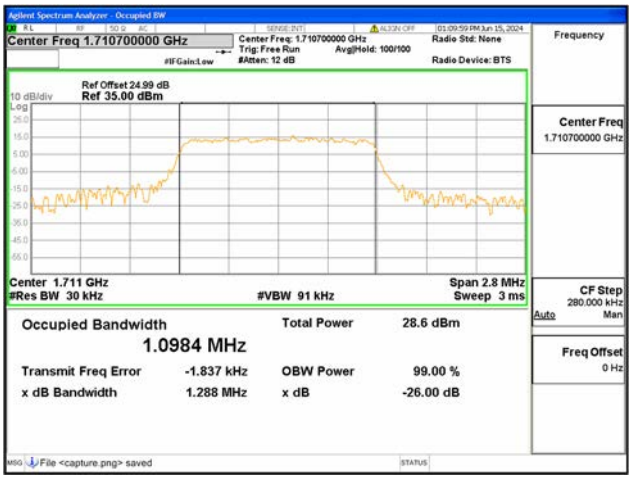


B2 / 20MHz / QPSK/ High CH

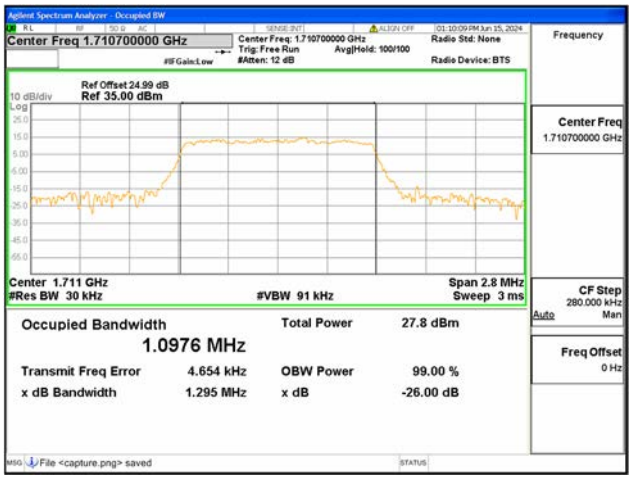
B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



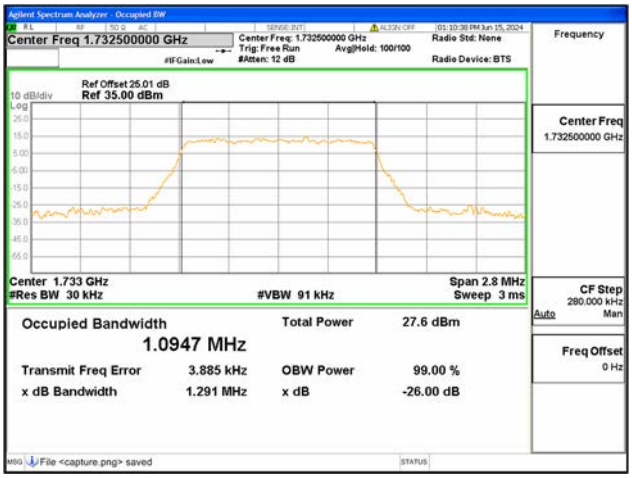
B4 / 1.4MHz / QPSK/ Low CH



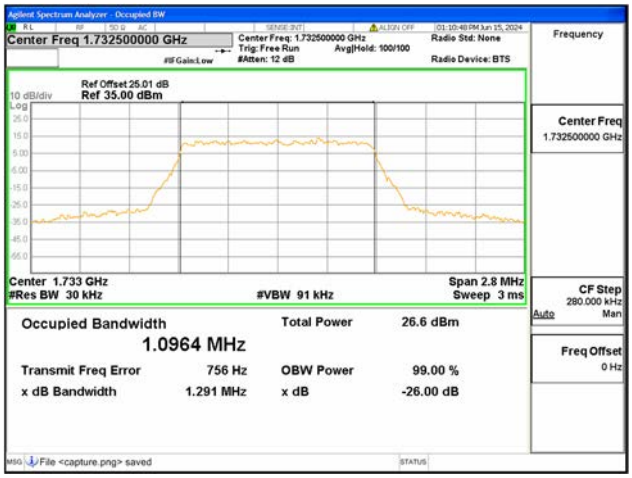
B4 / 1.4MHz / 16QAM/ Low CH

B4 / 1.4MHz / 64QAM/ Low CH

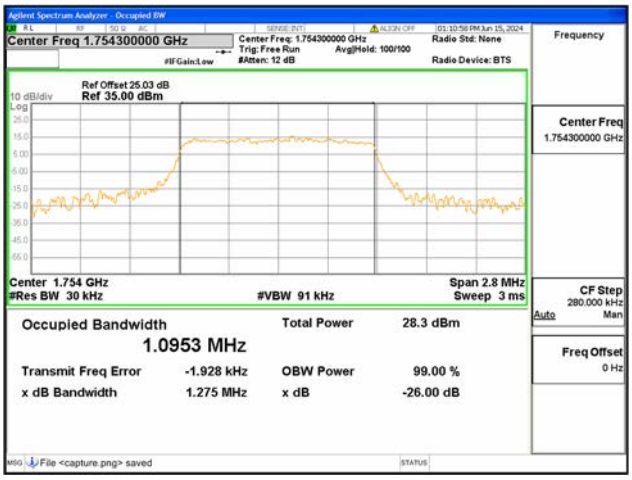
B4 / 1.4MHz / QPSK/ Mid CH



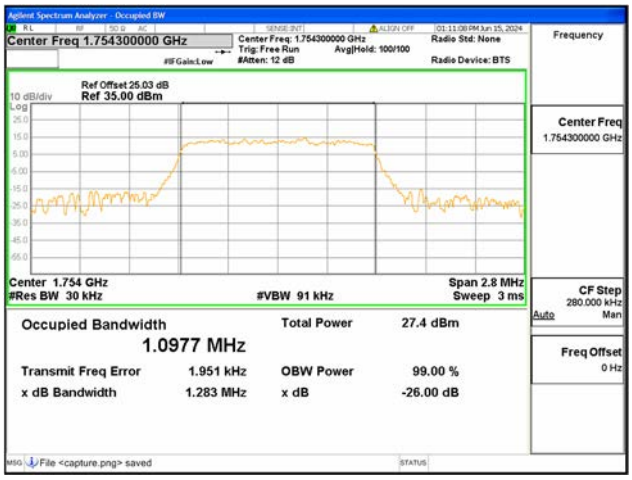
B4 / 1.4MHz / 16QAM/ Mid CH



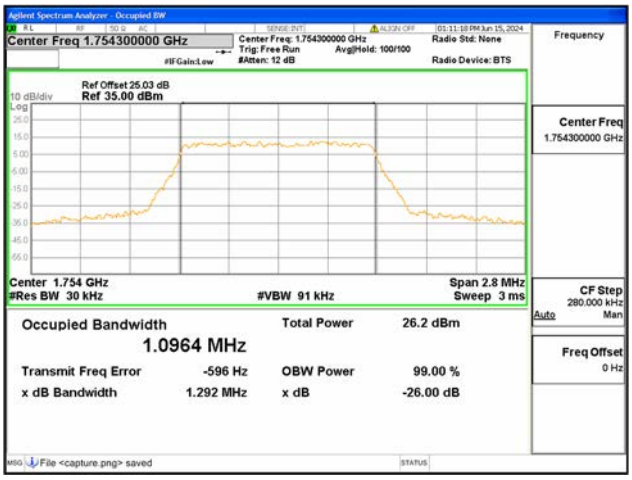
B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH

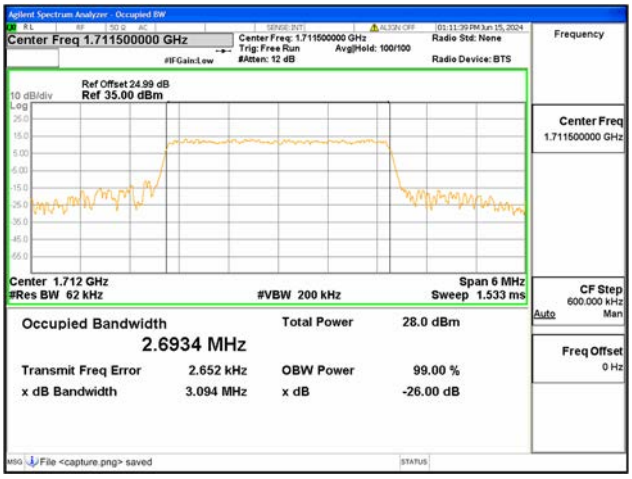


B4 / 1.4MHz / 16QAM/ High CH



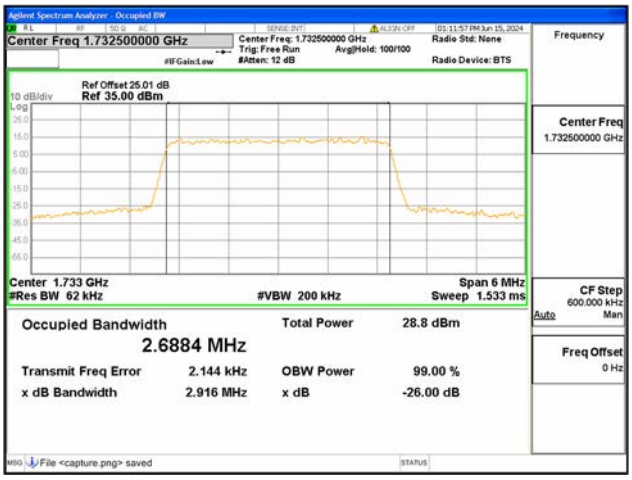
B4 / 1.4MHz / 64QAM/ High CH

B4 / 3MHz / QPSK/ Low CH



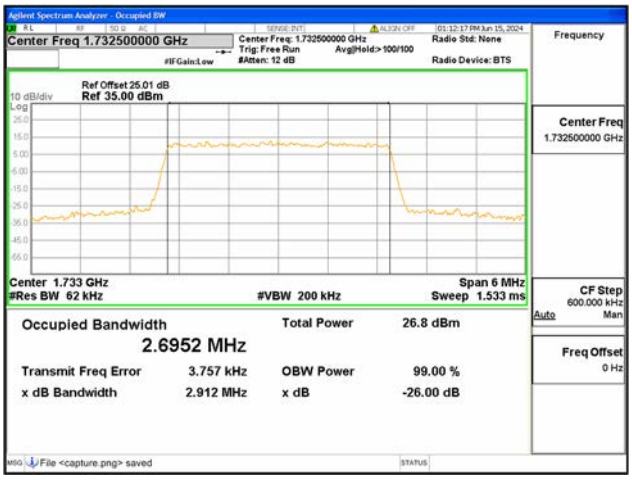
B4 / 3MHz / 16QAM/ Low CH

B4 / 3MHz / 64QAM/ Low CH



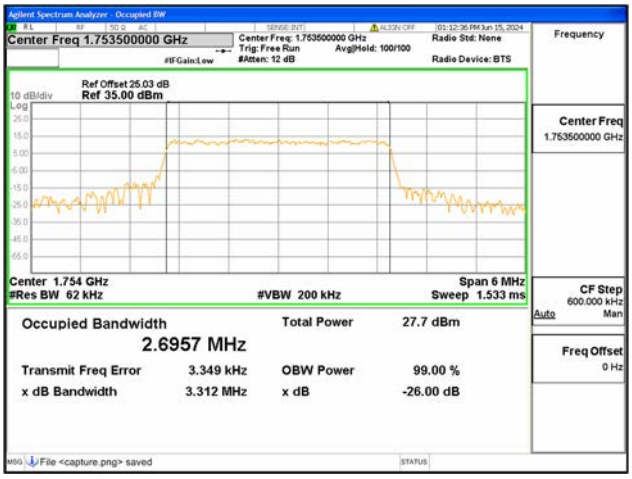
B4 / 3MHz / QPSK/ Mid CH

B4 / 3MHz / 16QAM/ Mid CH

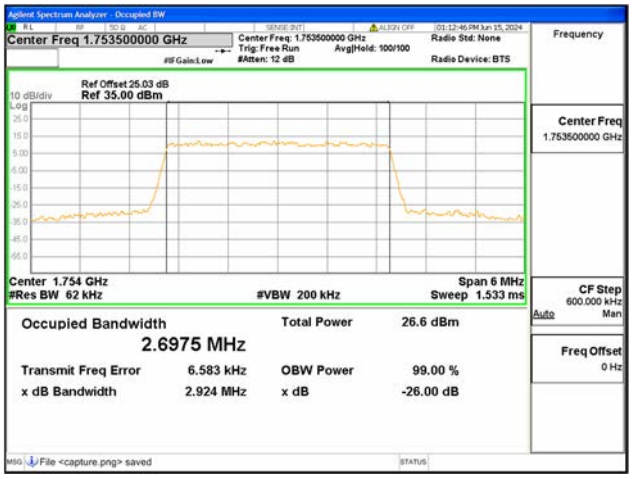


B4 / 3MHz / 64QAM/ Mid CH

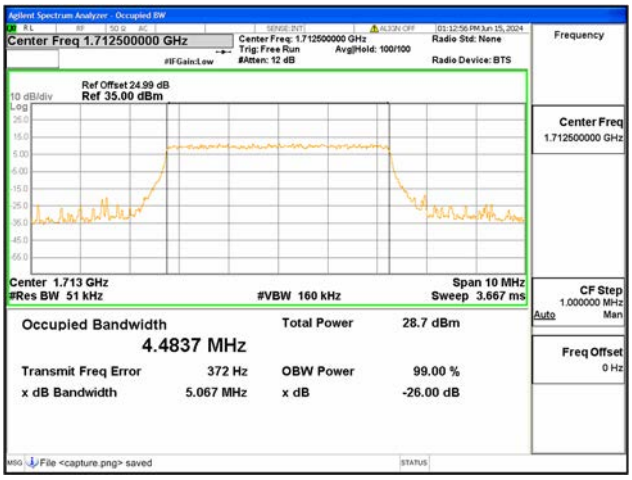
B4 / 3MHz / QPSK/ High CH



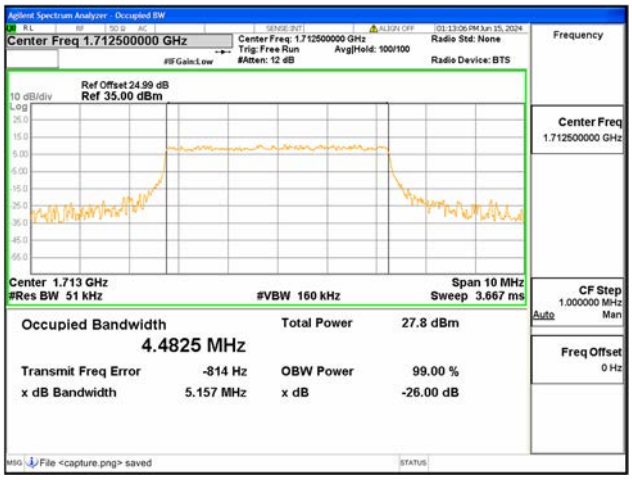
B4 / 3MHz / 16QAM/ High CH



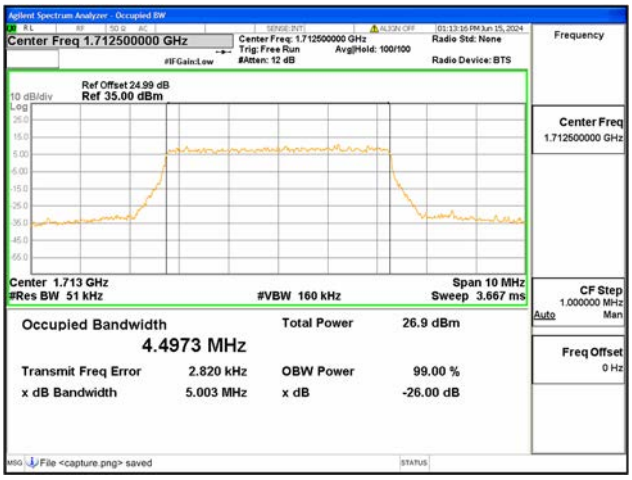
B4 / 3MHz / 64QAM/ High CH



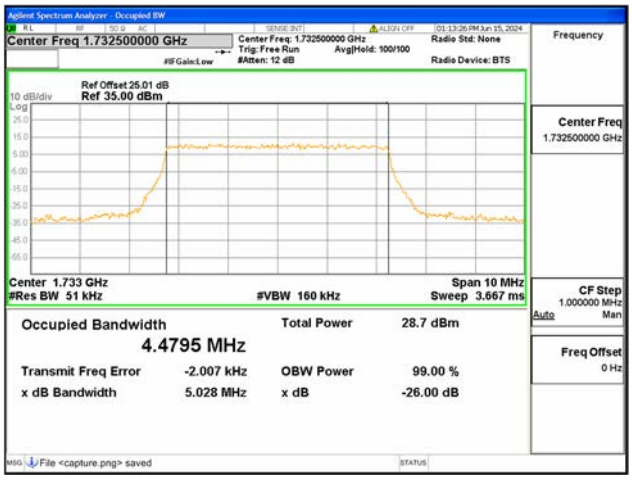
B4 / 5MHz / QPSK/ Low CH



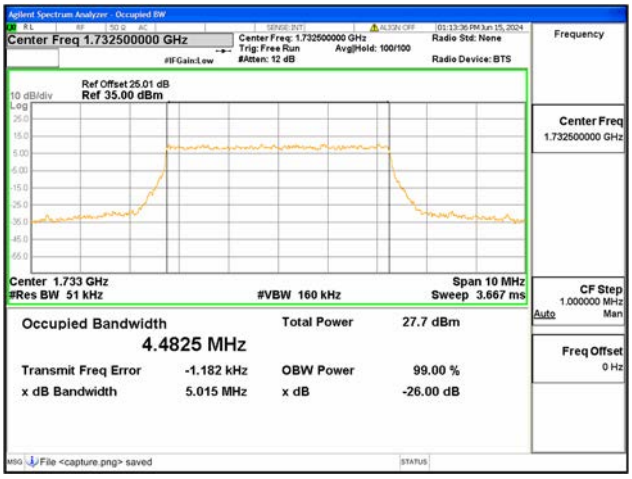
B4 / 5MHz / 16QAM/ Low CH



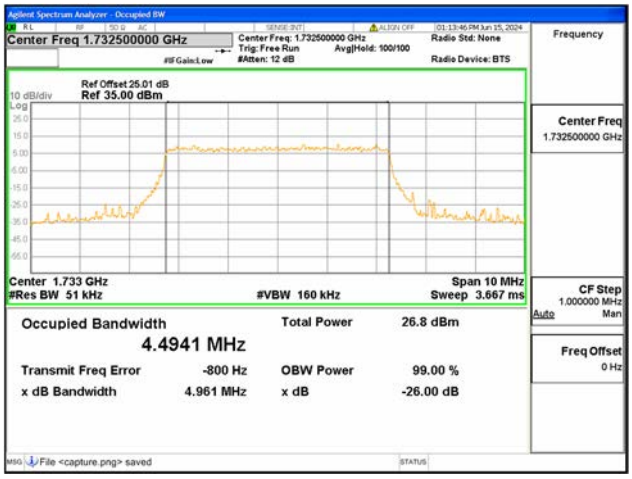
B4 / 5MHz / 64QAM/ Low CH



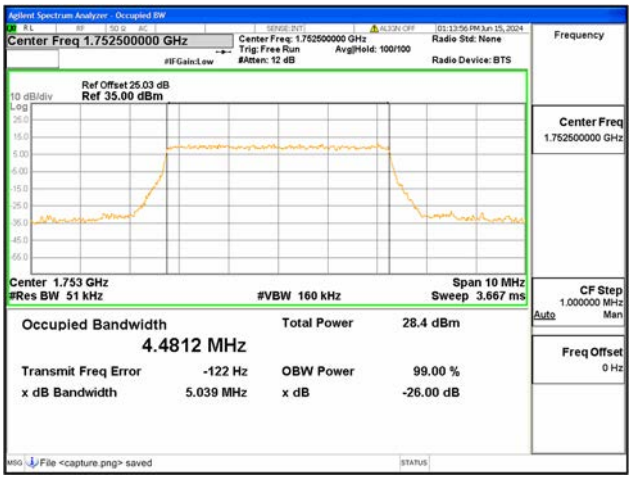
B4 / 5MHz / QPSK/ Mid CH



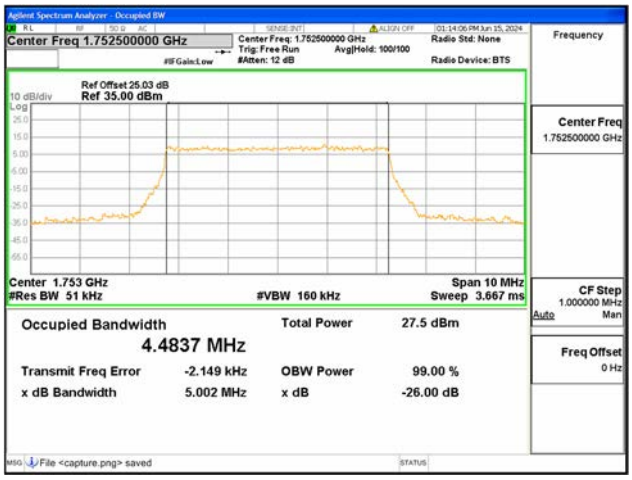
B4 / 5MHz / 16QAM/ Mid CH



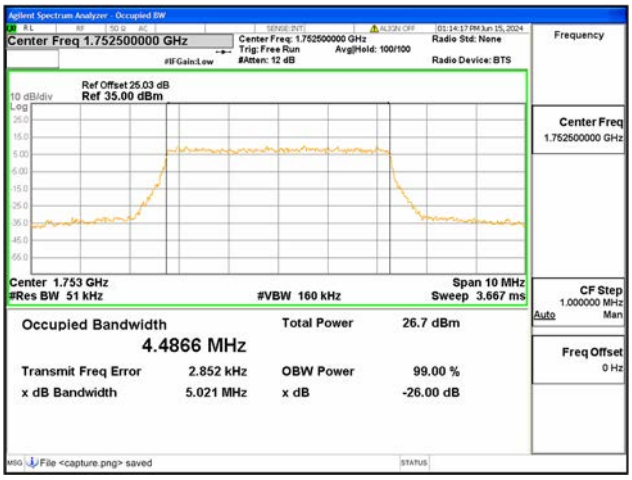
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



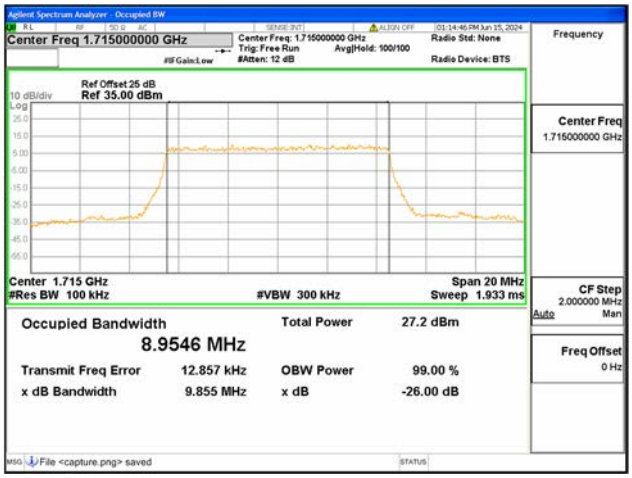
B4 / 5MHz / 16QAM/ High CH



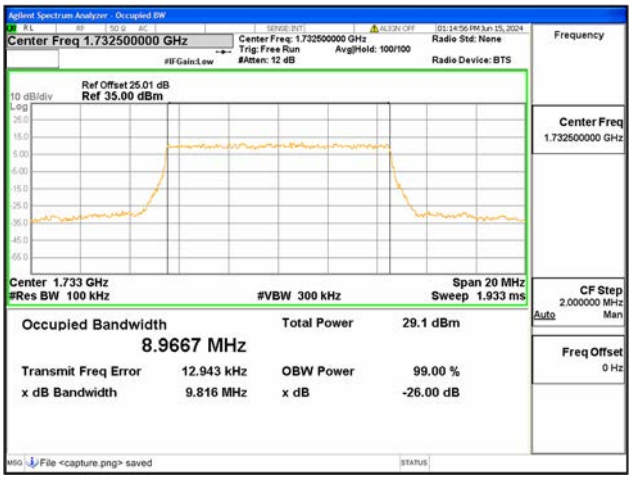
B4 / 5MHz / 64QAM/ High CH

B4 / 10MHz / QPSK/ Low CH

B4 / 10MHz / 16QAM/ Low CH

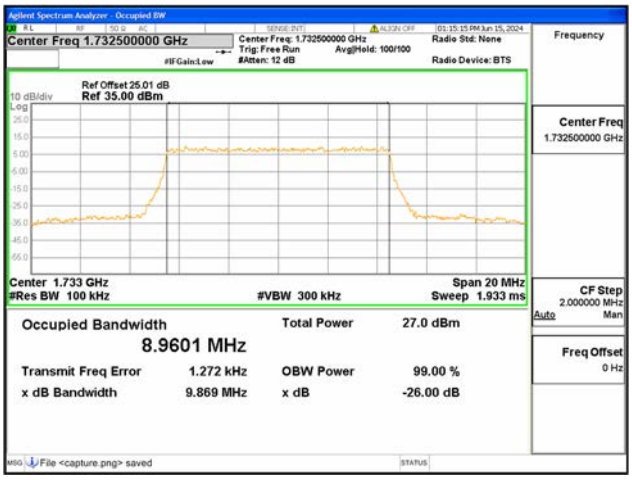


B4 / 10MHz / 64QAM/ Low CH



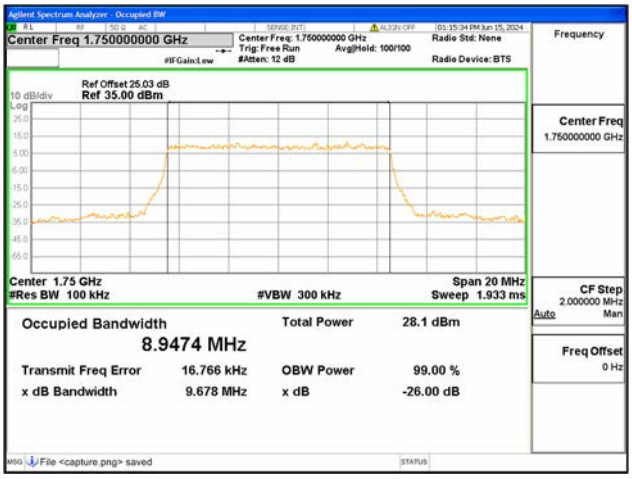
B4 / 10MHz / QPSK/ Mid CH

B4 / 10MHz / 16QAM/ Mid CH

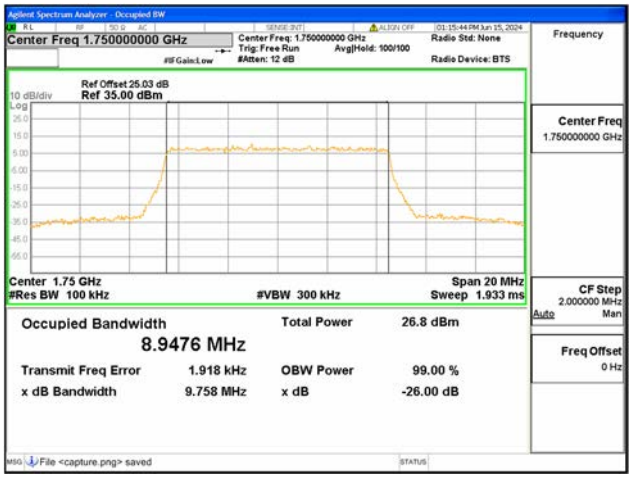


B4 / 10MHz / 64QAM/ Mid CH

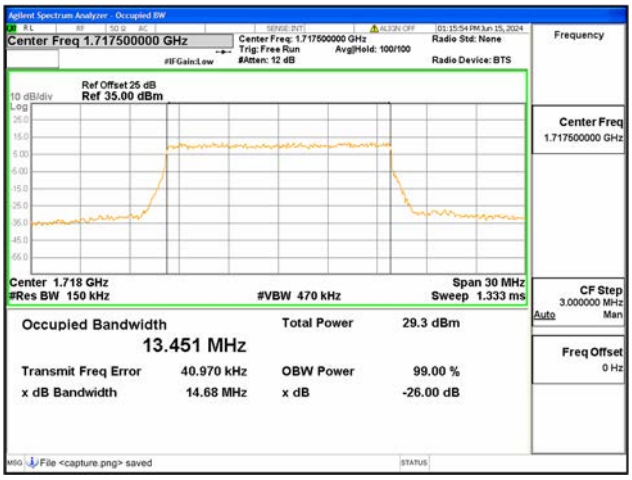
B4 / 10MHz / QPSK/ High CH



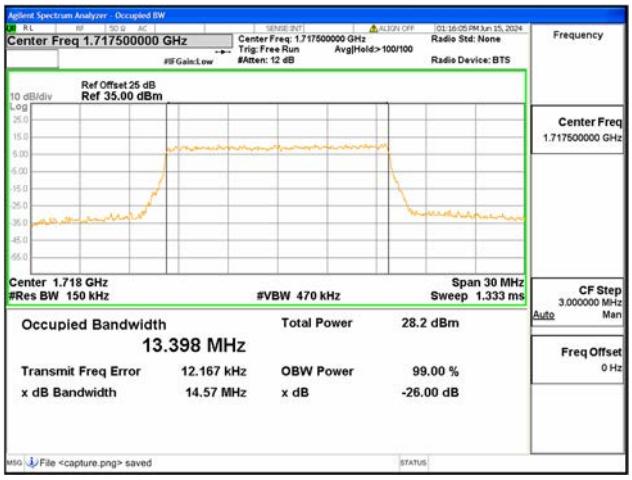
B4 / 10MHz / 16QAM/ High CH



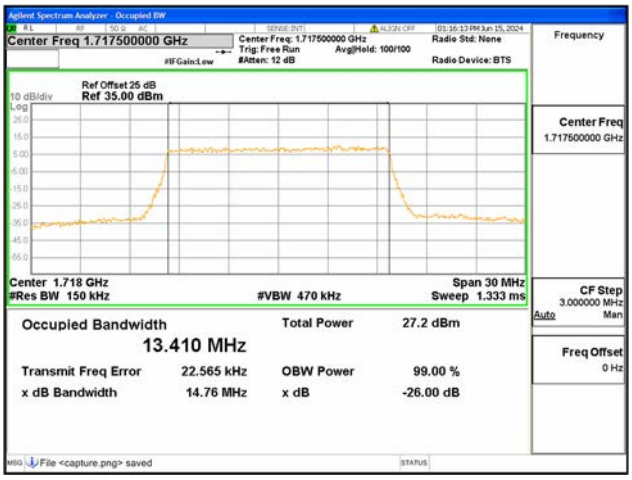
B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH

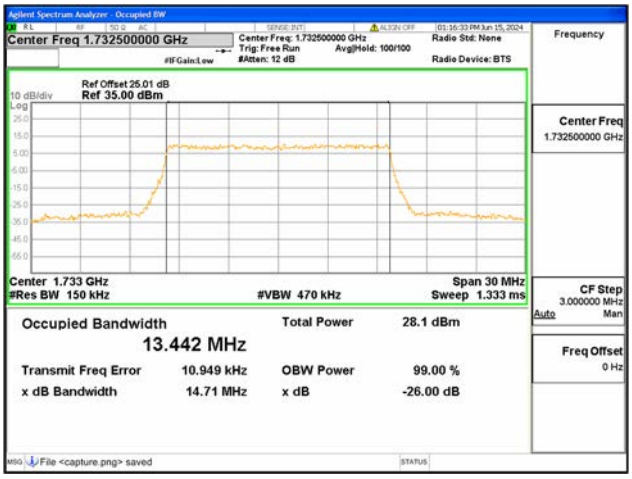


B4 / 15MHz / 16QAM/ Low CH

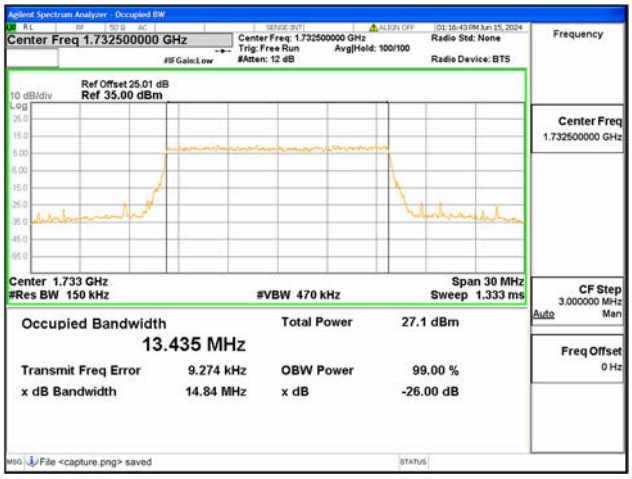


B4 / 15MHz / 64QAM/ Low CH

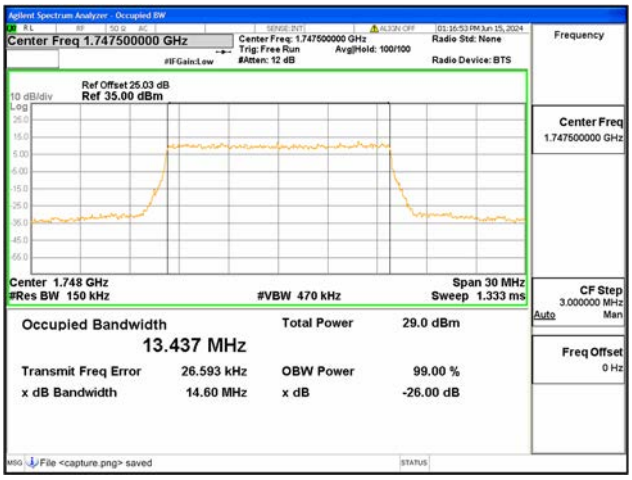
B4 / 15MHz / QPSK/ Mid CH



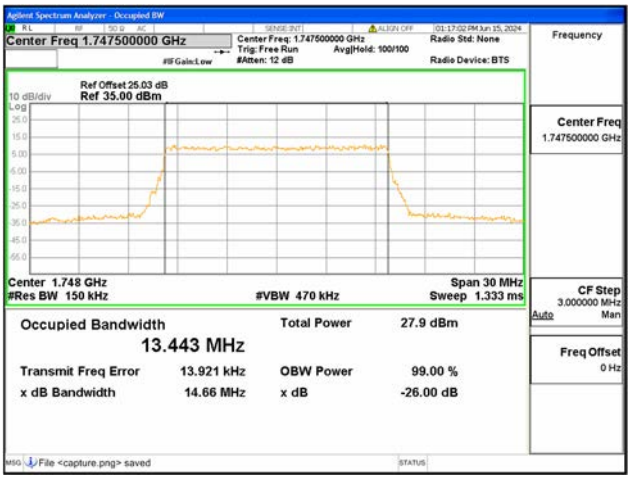
B4 / 15MHz / 16QAM/ Mid CH



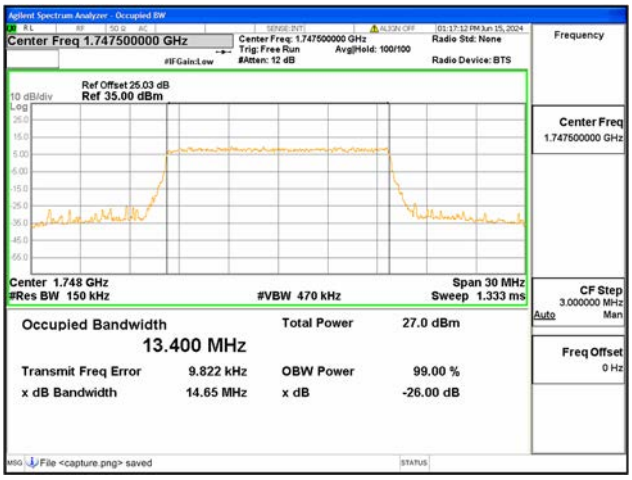
B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



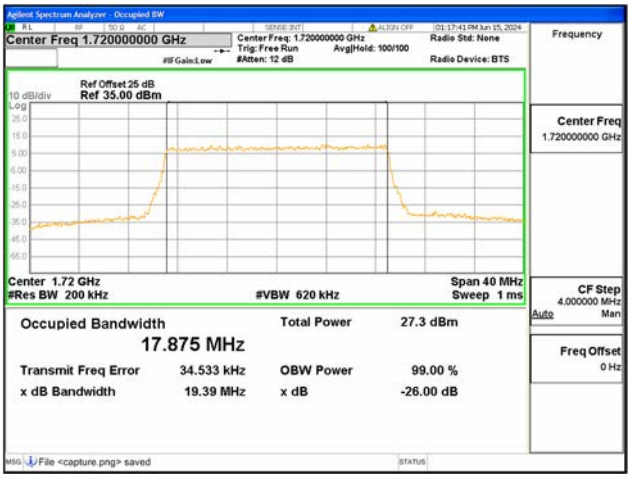
B4 / 15MHz / 16QAM/ High CH



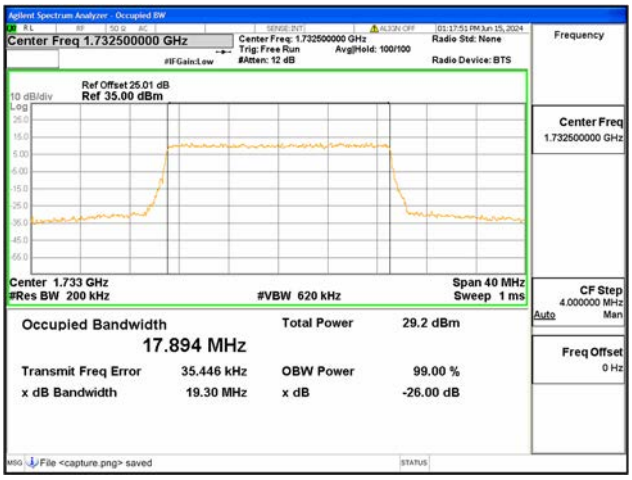
B4 / 15MHz / 64QAM/ High CH

B4 / 20MHz / QPSK/ Low CH

B4 / 20MHz / 16QAM/ Low CH

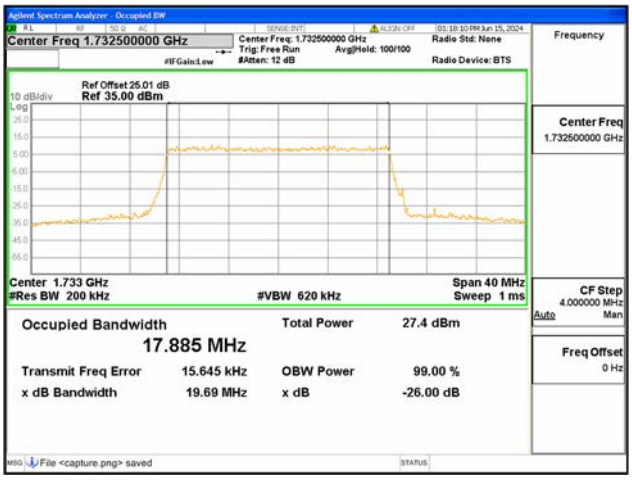


B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH

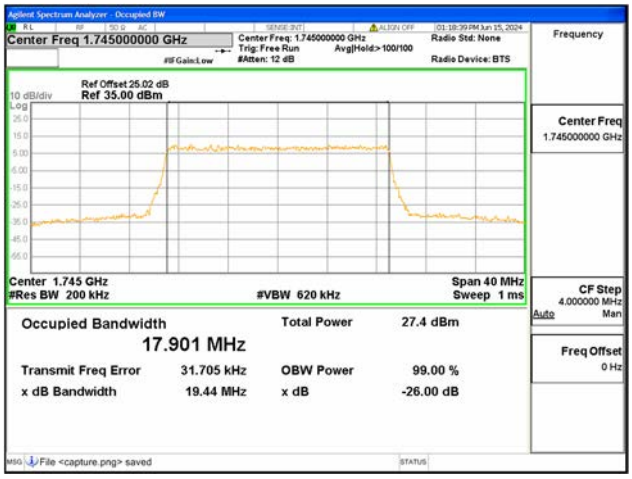
B4 / 20MHz / 16QAM/ Mid CH



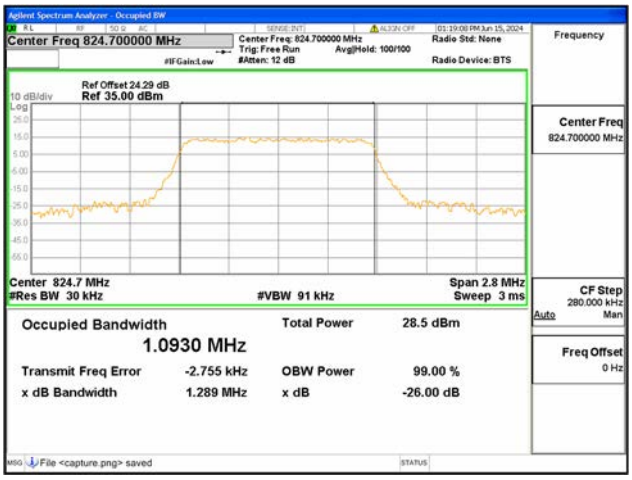
B4 / 20MHz / 64QAM/ Mid CH

B4 / 20MHz / QPSK/ High CH

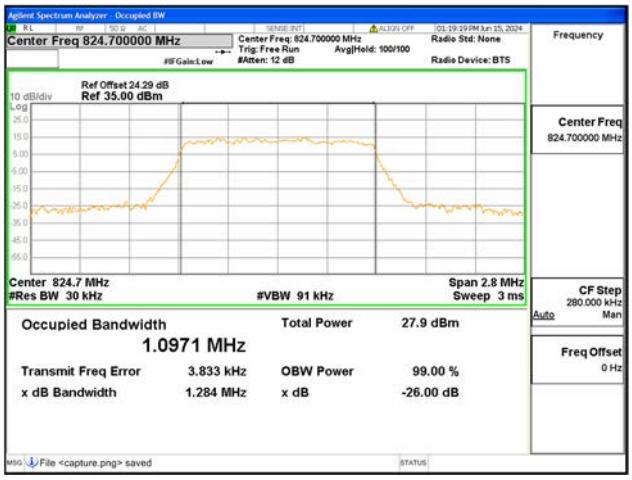
B4 / 20MHz / 16QAM/ High CH



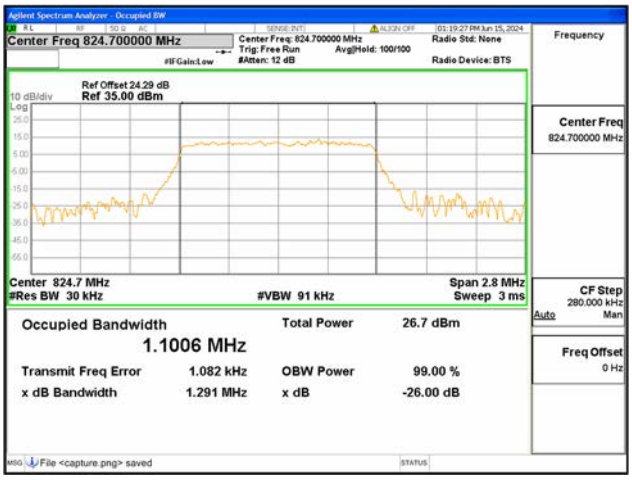
B4 / 20MHz / 64QAM/ High CH



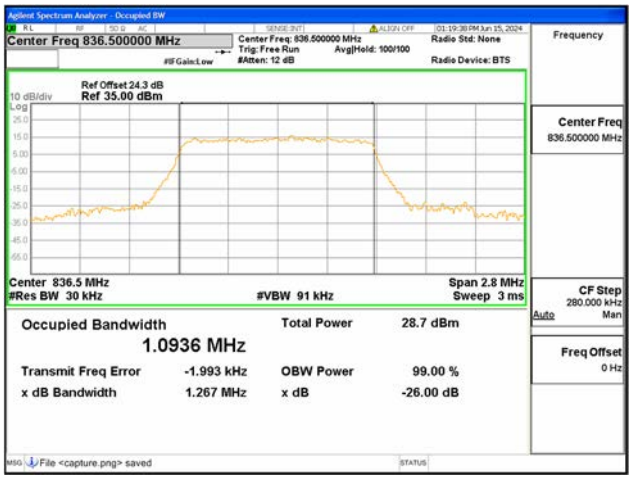
B5 / 1.4MHz / QPSK/ Low CH



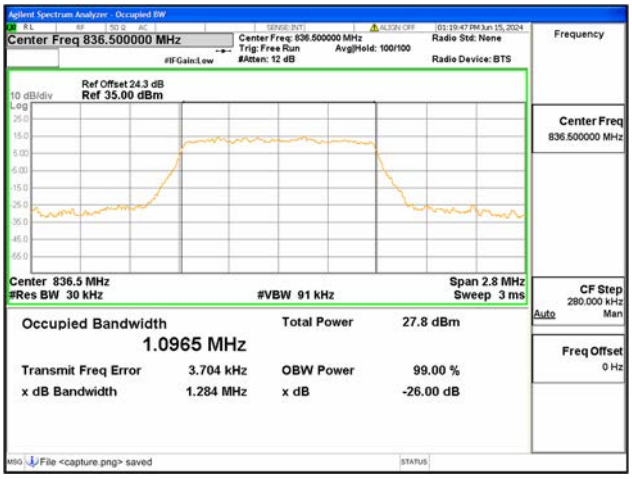
B5 / 1.4MHz / 16QAM/ Low CH



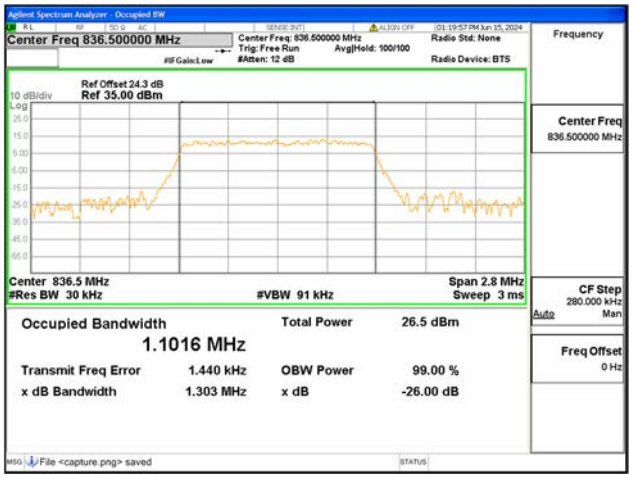
B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



B5 / 1.4MHz / 64QAM/ Mid CH