



REPORT No.: SZ24070315W08

TEST REPORT

APPLICANT : OnePlus Technology (Shenzhen)
Co., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : CPH2647

BRAND NAME : Oneplus

FCC ID : 2ABZ2-OP23869

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
47 CFR Part 27, Subpart L&M&N

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Edited by:

Peng Mi

Peng Mi (Rapporteur)

Approved by:

Shen Junsheng

Shen Junsheng (Supervisor)

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MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, Guangdong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

Fax: 86-755-36698525

E-mail: service@morlab.cn





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Change History		
Version	Date	Reason for change
1.0	2024-10-08	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	OnePlus Technology (Shenzhen) Co., Ltd.
Applicant Address:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
Manufacturer:	OnePlus Technology (Shenzhen) Co., Ltd.
Manufacturer Address:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	4#	
Hardware Version:	11	
Software Version:	OxygenOS 15.0	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 38 / 41 / 66 / 71	
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 30	Tx: 2305MHz–2315MHz
		Rx: 2350MHz–2360MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
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 30	5 MHz, 10MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz



Carrier Aggregation(UL):	2A-4A, 2A-5A, 2A-7A, 2A-12A, 2A-13A, 2A-66A, 2A-71A, 4A-5A, 4A-12A, 4A-13A, 4A-17A, 4A-71A, 5A-7A, 5A-30A, 5A-66A, 7C, 7A-12A, 12B, 12A-30A, 12A-66A, 13A-66A, 38C, 41C, 48C, 66B, 66C, 66A-71A	
Antenna Type:	IFA Antenna	
Antenna Gain:	LTE Band 2	ANT 0: -2.2dBi; ANT 4: 0.9dBi; ANT 5: -0.2dBi; ANT 6: -2.3dBi
	LTE Band 4	ANT 0: 0.2dBi; ANT 4: 0.3dBi; ANT 5: -0.5dBi; ANT 6: -1.5dBi
	LTE Band 5	ANT 0: -3.8dBi; ANT 1: -6.0dBi
	LTE Band 7	ANT 0: -0.6dBi; ANT 4: 0.9dBi; ANT 5: 0.7dBi; ANT 6: -3.1dBi
	LTE Band 12	ANT 0: -5.5dBi; ANT 1: -7.7dBi
	LTE Band 13	ANT 0: -5.5dBi; ANT 1: -6.7dBi
	LTE Band 17	ANT 0: -5.5dBi; ANT 1: -7.6dBi
	LTE Band 18	ANT 0: -3.8dBi; ANT 1: -7.2dBi
	LTE Band 19	ANT 0: -3.8dBi; ANT 1: -6.2dBi
	LTE Band 25	ANT 0: -2.2dBi; ANT 4: 0.9dBi; ANT 5: -0.2dBi; ANT 6: -2.3dBi
	LTE Band 26	ANT 0: -3.8dBi; ANT 1: -6.0dBi
	LTE Band 30	ANT 4: -0.8dBi; ANT 6: -4.0dBi
	LTE Band 38	ANT 0: -0.6dBi; ANT 4: 0.9dBi; ANT 5: 0.7dBi; ANT 6: -3.1dBi
	LTE Band 41	ANT 0: -0.6dBi; ANT 4: 0.9dBi; ANT 5: 0.7dBi; ANT 6: -3.1dBi
	LTE Band 66	ANT 0: 0.2dBi; ANT 4: 0.3dBi; ANT 5: -0.5dBi; ANT 6: -1.5dBi
	LTE Band 71	ANT 0: -5.5dBi; ANT 1: -3.1dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BLPB25
	Serial No.:	N/A
	Capacity:	5860mAh
	Rated Voltage:	3.92V
	Charge Limit:	4.53V
	Manufacturer:	Sunwoda Electronic CO.,LTD.



Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	VCB8OAUH
	Serial No.:	N/A
	Rated Output:	5V $\Rightarrow$ 2A; 5-11V $\Rightarrow$ 5A; 5-11V $\Rightarrow$ 7.3A
	Rated Input:	100-240V $\sim$ 50/60Hz, 2.0A
	Manufacturer 1:	Dongguan Aohai Technology Co.,Ltd.
	Manufacturer 2:	Huizhou Golden Lake Industrial Co., Ltd.

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

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

Note 1: Consider and evaluate all antennas separately by fully testing each band; This test report only records the worst-case scenario.

ANT 5

LTE Band 2		Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	
20	0.255	0.220	0.174	0.070	
15	0.252	0.227	0.173	0.068	
10	0.254	0.228	0.171	0.069	
5	0.253	0.212	0.167	0.068	
3	0.254	0.213	0.165	0.069	
1.4	0.254	0.213	0.162	0.068	
LTE Band 4		Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	
20	0.239	0.193	0.157	0.063	
15	0.232	0.202	0.155	0.062	
10	0.235	0.203	0.153	0.062	
5	0.233	0.204	0.155	0.062	
3	0.234	0.205	0.153	0.062	
1.4	0.238	0.205	0.155	0.062	
LTE Band 7		Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	
20	0.304	0.254	0.201	0.081	
15	0.303	0.253	0.200	0.080	
10	0.301	0.250	0.200	0.081	
5	0.303	0.252	0.200	0.080	
LTE Band 25		Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	
20	0.259	0.203	0.160	0.065	
15	0.248	0.200	0.159	0.064	
10	0.247	0.200	0.159	0.064	
5	0.247	0.201	0.159	0.064	
3	0.248	0.202	0.160	0.064	
1.4	0.253	0.201	0.158	0.065	



LTE Band 38	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	0.315	0.255	0.201	0.081
15	0.312	0.254	0.197	0.080
10	0.311	0.252	0.201	0.080
5	0.311	0.255	0.200	0.079
LTE Band 41	Power Class2 Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	0.450	0.376	0.296	0.111
15	0.449	0.372	0.290	0.110
10	0.445	0.372	0.292	0.110
5	0.447	0.367	0.291	0.110
LTE Band 41	Power Class3 Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	0.314	0.262	0.207	0.086
15	0.313	0.260	0.202	0.085
10	0.310	0.260	0.204	0.085
5	0.312	0.256	0.203	0.085
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	0.240	0.200	0.157	0.061
15	0.229	0.199	0.155	0.061
10	0.229	0.199	0.155	0.063
5	0.231	0.197	0.155	0.063
3	0.227	0.197	0.157	0.063
1.4	0.235	0.196	0.156	0.063



ANT 1

LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	0.042	0.035	0.027	0.011
5	0.042	0.036	0.027	0.011
3	0.041	0.035	0.027	0.011
1.4	0.042	0.035	0.028	0.011
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	0.028	0.023	0.019	0.007
5	0.028	0.023	0.019	0.007
3	0.028	0.023	0.018	0.007
1.4	0.028	0.023	0.019	0.007
LTE Band 13	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	0.036	0.030	0.024	0.009
5	0.036	0.029	0.024	0.009
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	0.028	0.024	0.019	0.008
5	0.028	0.024	0.019	0.007
LTE Band 18	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
5	0.026	0.027	0.026	0.009
LTE Band 19	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
15	0.039	0.032	0.025	0.010
10	0.039	0.032	0.025	0.010
5	0.039	0.032	0.025	0.010
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
15	0.035	0.030	0.025	0.011
10	0.033	0.030	0.025	0.011
5	0.033	0.031	0.025	0.011
3	0.034	0.032	0.025	0.011
1.4	0.035	0.031	0.023	0.010



LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	0.080	0.068	0.055	0.021
15	0.079	0.068	0.054	0.021
10	0.079	0.067	0.054	0.021
5	0.079	0.068	0.054	0.021

ANT 6

LTE Band 30	Maximum E.R.P./E.I.R.P. (W)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	0.188	0.157	0.125	0.058
5	0.188	0.156	0.124	0.058

Emission Designator

LTE Band 2	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	8M96G7D	8M96W7D	8M97W7D	8M95W7D
5	4M48G7D	4M48W7D	4M48W7D	4M48W7D
3	2M72G7D	2M72W7D	2M71W7D	2M71W7D
1.4	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 4	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	8M96G7D	8M97W7D	8M96W7D	8M97W7D
5	4M48G7D	4M49W7D	4M48W7D	4M48W7D
3	2M71G7D	2M72W7D	2M71W7D	2M71W7D
1.4	1M11G7D	1M11W7D	1M11W7D	1M10W7D



LTE Band 5	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	8M97G7D	8M98W7D	8M95W7D	8M95W7D
5	4M48G7D	4M48W7D	4M48W7D	4M48W7D
3	2M72G7D	2M71W7D	2M71W7D	2M71W7D
1.4	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 7	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M5W7D	13M4W7D
10	8M96G7D	8M97W7D	8M96W7D	8M97W7D
5	4M48G7D	4M50W7D	4M48W7D	4M48W7D
LTE Band 12	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	8M96G7D	8M95W7D	8M96W7D	8M95W7D
5	4M49G7D	4M48W7D	4M48W7D	4M48W7D
3	2M71G7D	2M71W7D	2M72W7D	2M71W7D
1.4	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 13	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	8M91G7D	8M96W7D	8M93W7D	8M94W7D
5	4M48G7D	4M49W7D	4M49W7D	4M48W7D
LTE Band 17	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	8M95G7D	8M95W7D	8M94W7D	8M96W7D
5	4M49G7D	4M48W7D	4M49W7D	4M48W7D
LTE Band 18	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
5	4M48G7D	4M48W7D	4M48W7D	4M48W7D
LTE Band 19	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
15	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	8M95G7D	8M97W7D	8M96W7D	8M98W7D
5	4M49G7D	4M48W7D	4M48W7D	4M47W7D



LTE Band 25	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	8M97G7D	8M96W7D	8M98W7D	8M97W7D
5	4M48G7D	4M49W7D	4M49W7D	4M48W7D
3	2M72G7D	2M72W7D	2M72W7D	2M71W7D
1.4	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 26	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
15	13M4G7D	13M4W7D	13M5W7D	13M4W7D
10	8M96G7D	8M96W7D	8M97W7D	8M95W7D
5	4M49G7D	4M48W7D	4M48W7D	4M48W7D
3	2M71G7D	2M71W7D	2M71W7D	2M71W7D
1.4	1M10G7D	1M12W7D	1M11W7D	1M11W7D
LTE Band 30	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
10	8M96G7D	8M95W7D	8M95W7D	8M95W7D
5	4M49G7D	4M48W7D	4M49W7D	4M47W7D
LTE Band 38	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M5W7D	13M4W7D	13M5W7D
10	8M96G7D	8M97W7D	8M95W7D	8M97W7D
5	4M49G7D	4M48W7D	4M48W7D	4M49W7D
LTE Band 41	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	8M97G7D	8M96W7D	8M95W7D	8M95W7D
5	4M49G7D	4M48W7D	4M48W7D	4M49W7D



LTE Band 66	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M5W7D	13M5W7D
10	8M97G7D	8M96W7D	8M95W7D	8M96W7D
5	4M49G7D	4M49W7D	4M48W7D	4M49W7D
3	2M71G7D	2M72W7D	2M73W7D	2M71W7D
1.4	1M11G7D	1M12W7D	1M10W7D	1M10W7D
LTE Band 71	Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	8M96G7D	8M97W7D	8M95W7D	8M96W7D
5	4M48G7D	4M48W7D	4M48W7D	4M48W7D



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.	Sep. 18, 2024	Chen Hao Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Aug. 22, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Sep. 18, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Sep. 19, 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	Sep. 19, 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	Sep. 02, 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	Sep. 06 to 21, 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&N 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 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

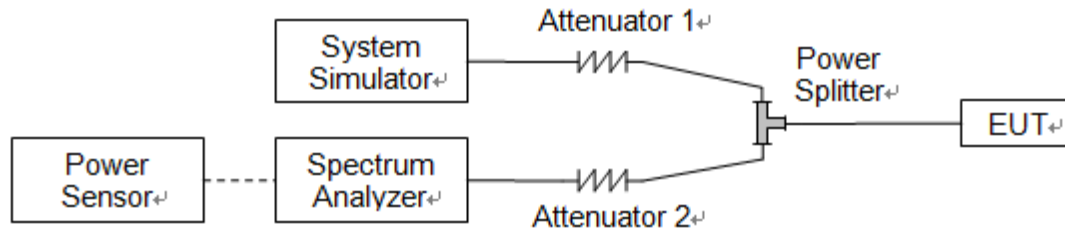
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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 12/17/71, 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 30, 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 milliwatts 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****ANT 0**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.25	22.27	22.20
20	QPSK	1	49	22.24	22.26	22.19
20	QPSK	1	99	22.16	22.23	22.20
20	QPSK	50	0	21.30	21.42	21.31
20	QPSK	50	24	21.34	21.28	21.26
20	QPSK	50	50	21.31	21.34	21.27
20	QPSK	100	0	21.34	21.35	21.24
20	16QAM	1	0	21.61	21.52	21.35
20	16QAM	1	49	21.49	21.58	21.53
20	16QAM	1	99	21.59	21.36	21.63
20	16QAM	50	0	20.30	20.25	20.29
20	16QAM	50	24	20.51	20.36	20.35
20	16QAM	50	50	20.38	20.41	20.43
20	16QAM	100	0	20.36	20.38	20.34
20	64QAM	1	0	20.46	20.60	20.55
20	64QAM	1	49	20.49	20.53	20.43
20	64QAM	1	99	20.59	20.47	20.29
20	64QAM	50	0	20.44	20.33	20.33
20	64QAM	50	24	20.27	20.28	20.35
20	64QAM	50	50	20.40	20.33	20.38
20	64QAM	100	0	20.32	20.35	20.34
20	256QAM	1	0	16.47	16.62	16.57
20	256QAM	1	49	16.50	16.55	16.45
20	256QAM	1	99	16.60	16.49	16.31
20	256QAM	50	0	16.45	16.35	16.35
20	256QAM	50	24	16.28	16.30	16.37
20	256QAM	50	50	16.41	16.35	16.40
20	256QAM	100	0	16.33	16.37	16.36



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.29	22.34	22.25
15	QPSK	1	37	22.33	22.34	22.28
15	QPSK	1	74	22.19	22.34	22.31
15	QPSK	36	0	21.38	21.44	21.33
15	QPSK	36	20	21.52	21.33	21.34
15	QPSK	36	39	21.42	21.39	21.30
15	QPSK	75	0	21.41	21.39	21.26
15	16QAM	1	0	21.57	21.46	21.29
15	16QAM	1	37	21.56	21.68	21.48
15	16QAM	1	74	21.61	21.76	21.62
15	16QAM	36	0	20.41	20.28	20.35
15	16QAM	36	20	20.47	20.27	20.27
15	16QAM	36	39	20.34	20.39	20.41
15	16QAM	75	0	20.26	20.34	20.33
15	64QAM	1	0	20.43	20.59	20.50
15	64QAM	1	37	20.43	20.43	20.38
15	64QAM	1	74	20.57	20.42	20.23
15	64QAM	36	0	20.41	20.23	20.26
15	64QAM	36	20	20.18	20.25	20.28
15	64QAM	36	39	20.36	20.31	20.30
15	64QAM	75	0	20.26	20.32	20.33
15	256QAM	1	0	16.46	16.54	16.49
15	256QAM	1	37	16.41	16.52	16.35
15	256QAM	1	74	16.54	16.39	16.26
15	256QAM	36	0	16.42	16.32	16.30
15	256QAM	36	20	16.21	16.25	16.35
15	256QAM	36	39	16.31	16.25	16.33
15	256QAM	75	0	16.35	16.43	16.41



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.36	22.37	22.30
10	QPSK	1	25	22.29	22.33	22.25
10	QPSK	1	49	22.20	22.34	22.24
10	QPSK	25	0	21.36	21.53	21.38
10	QPSK	25	12	21.32	21.19	21.25
10	QPSK	25	25	21.22	21.32	21.20
10	QPSK	50	0	21.25	21.31	21.18
10	16QAM	1	0	21.55	21.47	21.28
10	16QAM	1	25	21.55	21.72	21.52
10	16QAM	1	49	21.57	21.77	21.58
10	16QAM	25	0	20.34	20.33	20.36
10	16QAM	25	12	20.43	20.29	20.31
10	16QAM	25	25	20.37	20.32	20.39
10	16QAM	50	0	20.35	20.32	20.25
10	64QAM	1	0	20.36	20.51	20.53
10	64QAM	1	25	20.47	20.52	20.41
10	64QAM	1	49	20.54	20.40	20.19
10	64QAM	25	0	20.43	20.23	20.24
10	64QAM	25	12	20.19	20.25	20.29
10	64QAM	25	25	20.36	20.31	20.32
10	64QAM	50	0	20.25	20.26	20.32
10	256QAM	1	0	16.38	16.53	16.47
10	256QAM	1	25	16.48	16.51	16.38
10	256QAM	1	49	16.57	16.46	16.26
10	256QAM	25	0	16.41	16.33	16.29
10	256QAM	25	12	16.22	16.22	16.29
10	256QAM	25	25	16.35	16.33	16.35
10	256QAM	50	0	16.28	16.34	16.32



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.35	22.35	22.26
5	QPSK	1	12	22.26	22.28	22.30
5	QPSK	1	24	22.27	22.33	22.23
5	QPSK	12	0	21.33	21.49	21.37
5	QPSK	12	7	21.35	21.23	21.17
5	QPSK	12	13	21.28	21.28	21.17
5	QPSK	25	0	21.32	21.31	21.16
5	16QAM	1	0	21.27	21.26	21.07
5	16QAM	1	12	21.30	21.46	21.27
5	16QAM	1	24	21.35	21.46	21.31
5	16QAM	12	0	20.16	20.06	20.13
5	16QAM	12	7	20.17	20.07	20.03
5	16QAM	12	13	20.09	20.09	20.15
5	16QAM	25	0	20.03	20.05	20.01
5	64QAM	1	0	20.13	20.33	20.25
5	64QAM	1	12	20.16	20.24	20.14
5	64QAM	1	24	20.32	20.20	20.01
5	64QAM	12	0	20.42	20.32	20.30
5	64QAM	12	7	20.24	20.21	20.29
5	64QAM	12	13	20.36	20.24	20.37
5	64QAM	25	0	20.31	20.32	20.25
5	256QAM	1	0	16.46	16.54	16.54
5	256QAM	1	12	16.45	16.47	16.42
5	256QAM	1	24	16.50	16.40	16.27
5	256QAM	12	0	16.44	16.32	16.32
5	256QAM	12	7	16.20	16.20	16.32
5	256QAM	12	13	16.34	16.28	16.31
5	256QAM	25	0	16.23	16.34	16.29



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.26	22.36	22.22
3	QPSK	1	8	22.30	22.35	22.26
3	QPSK	1	14	22.10	22.13	22.11
3	QPSK	8	0	21.23	21.35	21.27
3	QPSK	8	4	21.31	21.25	21.24
3	QPSK	8	7	21.27	21.26	21.24
3	QPSK	15	0	21.24	21.26	21.18
3	16QAM	1	0	21.27	21.27	21.04
3	16QAM	1	8	21.31	21.45	21.27
3	16QAM	1	14	21.37	21.48	21.36
3	16QAM	8	0	20.11	20.04	20.10
3	16QAM	8	4	20.24	20.04	20.05
3	16QAM	8	7	20.04	20.10	20.16
3	16QAM	15	0	20.03	20.06	20.07
3	64QAM	1	0	20.21	20.29	20.29
3	64QAM	1	8	20.21	20.23	20.10
3	64QAM	1	14	20.33	20.18	19.95
3	64QAM	8	0	20.38	20.23	20.23
3	64QAM	8	4	20.22	20.21	20.25
3	64QAM	8	7	20.31	20.25	20.34
3	64QAM	15	0	20.25	20.27	20.31
3	256QAM	1	0	16.40	16.52	16.56
3	256QAM	1	8	16.47	16.51	16.42
3	256QAM	1	14	16.55	16.45	16.26
3	256QAM	8	0	16.39	16.30	16.26
3	256QAM	8	4	16.19	16.27	16.28
3	256QAM	8	7	16.39	16.34	16.31
3	256QAM	15	0	16.23	16.32	16.27



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.26	22.34	22.23
1.4	QPSK	1	3	22.26	22.29	22.22
1.4	QPSK	1	5	22.10	22.21	22.15
1.4	QPSK	3	0	22.24	22.19	22.24
1.4	QPSK	3	1	22.23	22.23	22.21
1.4	QPSK	3	3	22.21	22.25	22.25
1.4	QPSK	6	0	21.25	21.25	21.14
1.4	16QAM	1	0	21.28	21.25	21.02
1.4	16QAM	1	3	21.37	21.45	21.28
1.4	16QAM	1	5	21.32	21.48	21.38
1.4	16QAM	3	0	21.10	21.10	21.13
1.4	16QAM	3	1	21.25	21.04	21.01
1.4	16QAM	3	3	21.07	21.14	21.09
1.4	16QAM	6	0	20.05	20.04	20.01
1.4	64QAM	1	0	20.12	20.27	20.30
1.4	64QAM	1	3	20.22	20.24	20.16
1.4	64QAM	1	5	20.28	20.22	20.00
1.4	64QAM	3	0	20.12	20.05	20.08
1.4	64QAM	3	1	19.99	20.03	20.09
1.4	64QAM	3	3	20.09	20.02	20.09
1.4	64QAM	6	0	20.23	20.25	20.26
1.4	256QAM	1	0	16.44	16.54	16.52
1.4	256QAM	1	3	16.48	16.53	16.38
1.4	256QAM	1	5	16.53	16.47	16.23
1.4	256QAM	3	0	16.38	16.34	16.30
1.4	256QAM	3	1	16.20	16.21	16.30
1.4	256QAM	3	3	16.34	16.31	16.35
1.4	256QAM	6	0	16.27	16.36	16.34



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.77	22.81	22.80
20	QPSK	1	49	22.71	22.72	22.73
20	QPSK	1	99	22.63	22.65	22.68
20	QPSK	50	0	21.82	21.88	21.75
20	QPSK	50	24	21.80	21.83	21.84
20	QPSK	50	50	21.77	21.80	21.86
20	QPSK	100	0	21.74	21.83	21.78
20	16QAM	1	0	21.47	21.72	21.78
20	16QAM	1	49	21.72	21.78	21.63
20	16QAM	1	99	21.79	21.78	21.89
20	16QAM	50	0	20.85	20.81	20.86
20	16QAM	50	24	20.88	20.77	20.81
20	16QAM	50	50	20.93	20.79	20.80
20	16QAM	100	0	20.85	20.84	20.82
20	64QAM	1	0	20.97	20.91	20.95
20	64QAM	1	49	20.77	20.79	20.95
20	64QAM	1	99	20.87	20.88	20.99
20	64QAM	50	0	20.79	20.76	20.77
20	64QAM	50	24	20.78	20.80	20.93
20	64QAM	50	50	20.82	20.79	20.97
20	64QAM	100	0	20.80	20.77	20.88
20	256QAM	1	0	17.00	16.94	16.98
20	256QAM	1	49	16.80	16.82	16.98
20	256QAM	1	99	16.90	16.91	17.02
20	256QAM	50	0	16.82	16.79	16.80
20	256QAM	50	24	16.81	16.83	16.96
20	256QAM	50	50	16.85	16.82	17.00
20	256QAM	100	0	16.83	16.80	16.91



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.68	22.69	22.66
15	QPSK	1	37	22.61	22.57	22.66
15	QPSK	1	74	22.52	22.55	22.59
15	QPSK	36	0	21.68	21.77	21.68
15	QPSK	36	20	21.72	21.72	21.75
15	QPSK	36	39	21.66	21.66	21.74
15	QPSK	75	0	21.61	21.74	21.68
15	16QAM	1	0	21.81	22.00	21.63
15	16QAM	1	37	22.09	22.04	22.04
15	16QAM	1	74	21.71	21.72	21.78
15	16QAM	36	0	20.72	20.75	20.78
15	16QAM	36	20	20.76	20.71	20.75
15	16QAM	36	39	20.81	20.65	20.74
15	16QAM	75	0	20.77	20.78	20.75
15	64QAM	1	0	20.85	20.84	20.80
15	64QAM	1	37	20.82	20.85	20.84
15	64QAM	1	74	20.72	20.78	20.93
15	64QAM	36	0	20.73	20.68	20.70
15	64QAM	36	20	20.68	20.65	20.81
15	64QAM	36	39	20.67	20.70	20.86
15	64QAM	75	0	20.70	20.63	20.81
15	256QAM	1	0	16.93	16.79	16.85
15	256QAM	1	37	16.70	16.68	16.92
15	256QAM	1	74	16.84	16.80	16.88
15	256QAM	36	0	16.75	16.66	16.66
15	256QAM	36	20	16.68	16.74	16.90
15	256QAM	36	39	16.76	16.69	16.85
15	256QAM	75	0	16.69	16.74	16.84



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.65	22.74	22.69
10	QPSK	1	25	22.59	22.61	22.61
10	QPSK	1	49	22.54	22.51	22.54
10	QPSK	25	0	21.69	21.80	21.62
10	QPSK	25	12	21.67	21.75	21.76
10	QPSK	25	25	21.66	21.72	21.79
10	QPSK	50	0	21.61	21.69	21.71
10	16QAM	1	0	21.82	22.05	21.72
10	16QAM	1	25	22.03	22.11	21.99
10	16QAM	1	49	21.87	21.71	21.79
10	16QAM	25	0	20.76	20.69	20.77
10	16QAM	25	12	20.82	20.62	20.70
10	16QAM	25	25	20.83	20.72	20.69
10	16QAM	50	0	20.79	20.72	20.73
10	64QAM	1	0	20.82	20.78	20.86
10	64QAM	1	25	20.71	20.72	20.89
10	64QAM	1	49	20.77	20.74	20.89
10	64QAM	25	0	20.71	20.68	20.70
10	64QAM	25	12	20.70	20.68	20.85
10	64QAM	25	25	20.71	20.67	20.82
10	64QAM	50	0	20.65	20.64	20.79
10	256QAM	1	0	16.93	16.88	16.83
10	256QAM	1	25	16.72	16.72	16.87
10	256QAM	1	49	16.77	16.85	16.88
10	256QAM	25	0	16.72	16.70	16.67
10	256QAM	25	12	16.75	16.73	16.82
10	256QAM	25	25	16.74	16.73	16.87
10	256QAM	50	0	16.75	16.73	16.76



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.64	22.70	22.67
5	QPSK	1	12	22.62	22.58	22.59
5	QPSK	1	24	22.55	22.55	22.55
5	QPSK	12	0	21.73	21.82	21.60
5	QPSK	12	7	21.67	21.77	21.69
5	QPSK	12	13	21.63	21.65	21.72
5	QPSK	25	0	21.64	21.75	21.64
5	16QAM	1	0	21.79	22.12	21.70
5	16QAM	1	12	22.09	22.13	21.98
5	16QAM	1	24	21.71	21.64	21.79
5	16QAM	12	0	20.71	20.73	20.76
5	16QAM	12	7	20.73	20.64	20.70
5	16QAM	12	13	20.85	20.72	20.66
5	16QAM	25	0	20.73	20.73	20.67
5	64QAM	1	0	20.91	20.85	20.83
5	64QAM	1	12	20.82	20.86	20.86
5	64QAM	1	24	20.81	20.77	20.92
5	64QAM	12	0	20.64	20.65	20.69
5	64QAM	12	7	20.71	20.72	20.82
5	64QAM	12	13	20.70	20.68	20.91
5	64QAM	25	0	20.65	20.64	20.82
5	256QAM	1	0	16.93	16.87	16.86
5	256QAM	1	12	16.72	16.76	16.90
5	256QAM	1	24	16.76	16.79	16.91
5	256QAM	12	0	16.75	16.69	16.71
5	256QAM	12	7	16.69	16.70	16.86
5	256QAM	12	13	16.77	16.73	16.93
5	256QAM	25	0	16.69	16.66	16.80



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.64	22.73	22.67
3	QPSK	1	8	22.65	22.58	22.67
3	QPSK	1	14	22.51	22.56	22.59
3	QPSK	8	0	21.68	21.78	21.67
3	QPSK	8	4	21.68	21.76	21.76
3	QPSK	8	7	21.63	21.73	21.71
3	QPSK	15	0	21.61	21.73	21.69
3	16QAM	1	0	21.79	22.06	21.68
3	16QAM	1	8	22.05	22.14	21.99
3	16QAM	1	14	21.67	21.67	21.81
3	16QAM	8	0	20.75	20.68	20.76
3	16QAM	8	4	20.77	20.70	20.72
3	16QAM	8	7	20.85	20.67	20.69
3	16QAM	15	0	20.73	20.72	20.73
3	64QAM	1	0	20.86	20.82	20.80
3	64QAM	1	8	20.85	20.85	20.85
3	64QAM	1	14	20.78	20.74	20.86
3	64QAM	8	0	20.68	20.66	20.68
3	64QAM	8	4	20.63	20.66	20.83
3	64QAM	8	7	20.74	20.68	20.87
3	64QAM	15	0	20.74	20.69	20.73
3	256QAM	1	0	16.86	16.88	16.86
3	256QAM	1	8	16.67	16.74	16.91
3	256QAM	1	14	16.75	16.83	16.88
3	256QAM	8	0	16.69	16.64	16.66
3	256QAM	8	4	16.66	16.75	16.88
3	256QAM	8	7	16.71	16.73	16.92
3	256QAM	15	0	16.73	16.70	16.85



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.66	22.67	22.67
1.4	QPSK	1	3	22.60	22.57	22.65
1.4	QPSK	1	5	22.56	22.59	22.54
1.4	QPSK	3	0	22.73	22.80	22.65
1.4	QPSK	3	1	22.68	22.73	22.76
1.4	QPSK	3	3	22.71	22.71	22.71
1.4	QPSK	6	0	21.59	21.69	21.64
1.4	16QAM	1	0	21.85	22.05	21.71
1.4	16QAM	1	3	22.07	22.14	22.02
1.4	16QAM	1	5	21.65	21.68	21.78
1.4	16QAM	3	0	21.77	21.75	21.71
1.4	16QAM	3	1	21.81	21.65	21.70
1.4	16QAM	3	3	21.78	21.73	21.70
1.4	16QAM	6	0	20.79	20.74	20.76
1.4	64QAM	1	0	20.82	20.79	20.82
1.4	64QAM	1	3	20.71	20.66	20.87
1.4	64QAM	1	5	20.79	20.75	20.93
1.4	64QAM	3	0	20.65	20.65	20.71
1.4	64QAM	3	1	20.63	20.65	20.83
1.4	64QAM	3	3	20.69	20.72	20.83
1.4	64QAM	6	0	20.70	20.71	20.81
1.4	256QAM	1	0	16.93	16.81	16.87
1.4	256QAM	1	3	16.67	16.68	16.85
1.4	256QAM	1	5	16.80	16.80	16.89
1.4	256QAM	3	0	16.69	16.70	16.72
1.4	256QAM	3	1	16.67	16.77	16.90
1.4	256QAM	3	3	16.77	16.75	16.88
1.4	256QAM	6	0	16.76	16.68	16.76



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	23.75	23.76	23.68
10	QPSK	1	25	23.71	23.74	23.63
10	QPSK	1	49	23.63	23.70	23.45
10	QPSK	25	0	22.81	22.89	22.75
10	QPSK	25	12	22.88	22.85	22.80
10	QPSK	25	25	22.80	22.76	22.79
10	QPSK	50	0	22.69	22.71	22.68
10	16QAM	1	0	22.78	22.68	22.64
10	16QAM	1	25	22.77	22.95	22.81
10	16QAM	1	49	22.74	22.75	22.67
10	16QAM	25	0	21.73	21.64	21.61
10	16QAM	25	12	21.65	21.61	21.58
10	16QAM	25	25	21.73	21.69	21.64
10	16QAM	50	0	21.77	21.63	21.60
10	64QAM	1	0	21.79	21.86	21.75
10	64QAM	1	25	21.66	21.64	21.70
10	64QAM	1	49	21.81	21.61	21.77
10	64QAM	25	0	21.76	21.69	21.64
10	64QAM	25	12	21.84	21.64	21.69
10	64QAM	25	25	21.68	21.69	21.64
10	64QAM	50	0	21.69	21.66	21.68
10	256QAM	1	0	17.83	17.90	17.79
10	256QAM	1	25	17.70	17.68	17.74
10	256QAM	1	49	17.85	17.65	17.81
10	256QAM	25	0	17.80	17.73	17.68
10	256QAM	25	12	17.88	17.68	17.73
10	256QAM	25	25	17.72	17.73	17.68
10	256QAM	50	0	17.73	17.70	17.72



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	23.72	23.73	23.65
5	QPSK	1	12	23.68	23.68	23.61
5	QPSK	1	24	23.58	23.65	23.39
5	QPSK	12	0	22.80	22.86	22.62
5	QPSK	12	7	22.84	22.82	22.77
5	QPSK	12	13	22.70	22.72	22.69
5	QPSK	25	0	22.74	22.72	22.77
5	16QAM	1	0	22.88	22.79	22.74
5	16QAM	1	12	22.87	23.07	22.93
5	16QAM	1	24	22.86	22.83	22.79
5	16QAM	12	0	21.79	21.75	21.66
5	16QAM	12	7	21.73	21.72	21.64
5	16QAM	12	13	21.78	21.77	21.71
5	16QAM	25	0	21.87	21.68	21.65
5	64QAM	1	0	21.73	21.80	21.73
5	64QAM	1	12	21.56	21.63	21.65
5	64QAM	1	24	21.76	21.52	21.68
5	64QAM	12	0	21.69	21.65	21.58
5	64QAM	12	7	21.80	21.59	21.63
5	64QAM	12	13	21.60	21.60	21.54
5	64QAM	25	0	21.78	21.76	21.79
5	256QAM	1	0	17.79	17.82	17.78
5	256QAM	1	12	17.68	17.67	17.70
5	256QAM	1	24	17.77	17.63	17.77
5	256QAM	12	0	17.74	17.67	17.58
5	256QAM	12	7	17.79	17.62	17.64
5	256QAM	12	13	17.62	17.65	17.61
5	256QAM	25	0	17.69	17.69	17.65



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	23.63	23.71	23.67
3	QPSK	1	8	23.70	23.68	23.56
3	QPSK	1	14	23.54	23.63	23.37
3	QPSK	8	0	22.74	22.85	22.63
3	QPSK	8	4	22.84	22.82	22.75
3	QPSK	8	7	22.56	22.61	22.59
3	QPSK	15	0	22.61	22.60	22.64
3	16QAM	1	0	22.75	22.59	22.60
3	16QAM	1	8	22.75	22.93	22.74
3	16QAM	1	14	22.67	22.65	22.65
3	16QAM	8	0	21.70	21.58	21.54
3	16QAM	8	4	21.56	21.58	21.57
3	16QAM	8	7	21.67	21.59	21.56
3	16QAM	15	0	21.73	21.60	21.57
3	64QAM	1	0	21.71	21.77	21.72
3	64QAM	1	8	21.65	21.59	21.69
3	64QAM	1	14	21.77	21.58	21.74
3	64QAM	8	0	21.71	21.60	21.60
3	64QAM	8	4	21.80	21.63	21.65
3	64QAM	8	7	21.66	21.60	21.58
3	64QAM	15	0	21.59	21.65	21.59
3	256QAM	1	0	17.78	17.82	17.75
3	256QAM	1	8	17.66	17.61	17.71
3	256QAM	1	14	17.76	17.58	17.80
3	256QAM	8	0	17.93	17.79	17.72
3	256QAM	8	4	17.95	17.79	17.86
3	256QAM	8	7	17.80	17.81	17.77
3	256QAM	15	0	17.81	17.82	17.79



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	23.73	23.74	23.61
1.4	QPSK	1	3	23.66	23.66	23.55
1.4	QPSK	1	5	23.62	23.67	23.40
1.4	QPSK	3	0	23.62	23.73	23.47
1.4	QPSK	3	1	23.68	23.65	23.58
1.4	QPSK	3	3	23.57	23.61	23.64
1.4	QPSK	6	0	22.68	22.58	22.59
1.4	16QAM	1	0	22.75	22.63	22.56
1.4	16QAM	1	3	22.75	22.93	22.71
1.4	16QAM	1	5	22.73	22.70	22.62
1.4	16QAM	3	0	22.78	22.71	22.73
1.4	16QAM	3	1	22.77	22.72	22.66
1.4	16QAM	3	3	22.78	22.78	22.76
1.4	16QAM	6	0	21.89	21.75	21.72
1.4	64QAM	1	0	21.92	21.94	21.80
1.4	64QAM	1	3	21.73	21.70	21.75
1.4	64QAM	1	5	21.89	21.65	21.89
1.4	64QAM	3	0	21.83	21.82	21.75
1.4	64QAM	3	1	21.90	21.71	21.74
1.4	64QAM	3	3	21.73	21.73	21.70
1.4	64QAM	6	0	21.81	21.78	21.78
1.4	256QAM	1	0	17.89	18.03	17.91
1.4	256QAM	1	3	17.79	17.77	17.78
1.4	256QAM	1	5	17.93	17.69	17.90
1.4	256QAM	3	0	17.85	17.78	17.78
1.4	256QAM	3	1	18.01	17.81	17.82
1.4	256QAM	3	3	17.82	17.79	17.73
1.4	256QAM	6	0	17.77	17.74	17.76



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.25	22.31	22.27
20	QPSK	1	49	22.17	22.24	22.29
20	QPSK	1	99	22.28	22.29	22.30
20	QPSK	50	0	21.38	21.51	21.50
20	QPSK	50	24	21.45	21.50	21.49
20	QPSK	50	50	21.48	21.47	21.49
20	QPSK	100	0	21.53	21.54	21.46
20	16QAM	1	0	21.39	21.33	21.38
20	16QAM	1	49	21.46	21.45	21.37
20	16QAM	1	99	21.47	21.52	21.48
20	16QAM	50	0	20.37	20.52	20.58
20	16QAM	50	24	20.41	20.46	20.38
20	16QAM	50	50	20.40	20.51	20.36
20	16QAM	100	0	20.39	20.44	20.49
20	64QAM	1	0	20.42	20.46	20.50
20	64QAM	1	49	20.46	20.52	20.27
20	64QAM	1	99	20.41	20.28	20.18
20	64QAM	50	0	20.38	20.42	20.46
20	64QAM	50	24	20.38	20.51	20.30
20	64QAM	50	50	20.35	20.50	20.44
20	64QAM	100	0	20.43	20.42	20.32
20	256QAM	1	0	16.46	16.50	16.54
20	256QAM	1	49	16.50	16.56	16.31
20	256QAM	1	99	16.45	16.32	16.22
20	256QAM	50	0	16.42	16.46	16.50
20	256QAM	50	24	16.42	16.55	16.34
20	256QAM	50	50	16.39	16.54	16.48
20	256QAM	100	0	16.47	16.46	16.36



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.19	22.29	22.23
15	QPSK	1	37	22.09	22.16	22.21
15	QPSK	1	74	22.21	22.26	22.28
15	QPSK	36	0	21.35	21.50	21.42
15	QPSK	36	20	21.35	21.48	21.43
15	QPSK	36	39	21.42	21.46	21.47
15	QPSK	75	0	21.45	21.42	21.37
15	16QAM	1	0	21.35	21.32	21.30
15	16QAM	1	37	21.41	21.36	21.36
15	16QAM	1	74	21.44	21.51	21.38
15	16QAM	36	0	20.30	20.50	20.57
15	16QAM	36	20	20.38	20.37	20.33
15	16QAM	36	39	20.36	20.50	20.29
15	16QAM	75	0	20.37	20.43	20.48
15	64QAM	1	0	20.38	20.36	20.48
15	64QAM	1	37	20.37	20.47	20.23
15	64QAM	1	74	20.33	20.23	20.16
15	64QAM	36	0	20.28	20.34	20.37
15	64QAM	36	20	20.33	20.47	20.27
15	64QAM	36	39	20.25	20.46	20.43
15	64QAM	75	0	20.42	20.34	20.30
15	256QAM	1	0	16.43	16.45	16.48
15	256QAM	1	37	16.46	16.47	16.23
15	256QAM	1	74	16.40	16.25	16.18
15	256QAM	36	0	16.34	16.41	16.44
15	256QAM	36	20	16.40	16.51	16.31
15	256QAM	36	39	16.37	16.47	16.46
15	256QAM	75	0	16.46	16.44	16.35



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.13	22.26	22.24
10	QPSK	1	25	22.13	22.22	22.19
10	QPSK	1	49	22.20	22.20	22.23
10	QPSK	25	0	21.30	21.49	21.40
10	QPSK	25	12	21.40	21.46	21.44
10	QPSK	25	25	21.43	21.37	21.48
10	QPSK	50	0	21.52	21.49	21.44
10	16QAM	1	0	21.31	21.29	21.30
10	16QAM	1	25	21.42	21.43	21.27
10	16QAM	1	49	21.41	21.43	21.46
10	16QAM	25	0	20.35	20.43	20.56
10	16QAM	25	12	20.38	20.43	20.28
10	16QAM	25	25	20.37	20.43	20.30
10	16QAM	50	0	20.34	20.43	20.48
10	64QAM	1	0	20.41	20.44	20.49
10	64QAM	1	25	20.37	20.47	20.24
10	64QAM	1	49	20.37	20.18	20.10
10	64QAM	25	0	20.29	20.36	20.41
10	64QAM	25	12	20.34	20.50	20.28
10	64QAM	25	25	20.32	20.40	20.38
10	64QAM	50	0	20.36	20.41	20.24
10	256QAM	1	0	16.36	16.40	16.47
10	256QAM	1	25	16.43	16.55	16.26
10	256QAM	1	49	16.39	16.30	16.20
10	256QAM	25	0	16.41	16.44	16.44
10	256QAM	25	12	16.39	16.48	16.27
10	256QAM	25	25	16.33	16.46	16.42
10	256QAM	50	0	16.39	16.36	16.28



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.19	22.30	22.17
5	QPSK	1	12	22.14	22.20	22.26
5	QPSK	1	24	22.22	22.25	22.24
5	QPSK	12	0	21.35	21.47	21.43
5	QPSK	12	7	21.44	21.48	21.43
5	QPSK	12	13	21.40	21.43	21.46
5	QPSK	25	0	21.45	21.48	21.38
5	16QAM	1	0	21.38	21.24	21.31
5	16QAM	1	12	21.43	21.40	21.31
5	16QAM	1	24	21.39	21.50	21.44
5	16QAM	12	0	20.35	20.42	20.50
5	16QAM	12	7	20.33	20.42	20.32
5	16QAM	12	13	20.32	20.42	20.29
5	16QAM	25	0	20.30	20.34	20.43
5	64QAM	1	0	20.34	20.41	20.43
5	64QAM	1	12	20.41	20.50	20.18
5	64QAM	1	24	20.37	20.26	20.10
5	64QAM	12	0	20.34	20.34	20.40
5	64QAM	12	7	20.28	20.45	20.20
5	64QAM	12	13	20.34	20.45	20.34
5	64QAM	25	0	20.33	20.37	20.24
5	256QAM	1	0	16.43	16.49	16.44
5	256QAM	1	12	16.45	16.48	16.25
5	256QAM	1	24	16.41	16.31	16.14
5	256QAM	12	0	16.37	16.38	16.44
5	256QAM	12	7	16.33	16.45	16.27
5	256QAM	12	13	16.35	16.53	16.41
5	256QAM	25	0	16.46	16.42	16.34



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	23.48	23.53	23.41
10	QPSK	1	25	23.41	23.44	23.45
10	QPSK	1	49	23.31	23.46	23.48
10	QPSK	25	0	22.47	22.52	22.51
10	QPSK	25	12	22.49	22.40	22.47
10	QPSK	25	25	22.49	22.44	22.41
10	QPSK	50	0	22.43	22.42	22.48
10	16QAM	1	0	22.67	22.64	22.51
10	16QAM	1	25	22.42	22.49	22.49
10	16QAM	1	49	22.47	22.42	22.53
10	16QAM	25	0	21.45	21.47	21.58
10	16QAM	25	12	21.43	21.48	21.45
10	16QAM	25	25	21.55	21.52	21.54
10	16QAM	50	0	21.59	21.53	21.50
10	64QAM	1	0	21.59	21.54	21.44
10	64QAM	1	25	21.65	21.60	21.58
10	64QAM	1	49	21.71	21.73	21.67
10	64QAM	25	0	21.43	21.63	21.47
10	64QAM	25	12	21.50	21.56	21.58
10	64QAM	25	25	21.45	21.52	21.46
10	64QAM	50	0	21.49	21.47	21.50
10	256QAM	1	0	17.43	17.38	17.28
10	256QAM	1	25	17.49	17.44	17.42
10	256QAM	1	49	17.55	17.57	17.51
10	256QAM	25	0	17.27	17.47	17.31
10	256QAM	25	12	17.34	17.40	17.42
10	256QAM	25	25	17.29	17.36	17.30
10	256QAM	50	0	17.33	17.31	17.34



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	23.28	23.43	23.31
5	QPSK	1	12	23.36	23.43	23.36
5	QPSK	1	24	23.30	23.41	23.42
5	QPSK	12	0	22.44	22.45	22.47
5	QPSK	12	7	22.40	22.35	22.44
5	QPSK	12	13	22.41	22.36	22.40
5	QPSK	25	0	22.42	22.39	22.44
5	16QAM	1	0	22.63	22.59	22.41
5	16QAM	1	12	22.32	22.47	22.47
5	16QAM	1	24	22.42	22.41	22.46
5	16QAM	12	0	21.36	21.45	21.50
5	16QAM	12	7	21.42	21.40	21.37
5	16QAM	12	13	21.47	21.44	21.48
5	16QAM	25	0	21.57	21.43	21.48
5	64QAM	1	0	21.57	21.46	21.40
5	64QAM	1	12	21.57	21.53	21.56
5	64QAM	1	24	21.67	21.69	21.57
5	64QAM	12	0	21.39	21.58	21.44
5	64QAM	12	7	21.43	21.53	21.51
5	64QAM	12	13	21.41	21.47	21.37
5	64QAM	25	0	21.48	21.44	21.49
5	256QAM	1	0	17.38	17.29	17.24
5	256QAM	1	12	17.46	17.35	17.39
5	256QAM	1	24	17.49	17.50	17.48
5	256QAM	12	0	17.24	17.41	17.25
5	256QAM	12	7	17.29	17.38	17.32
5	256QAM	12	13	17.25	17.28	17.23
5	256QAM	25	0	17.27	17.24	17.27



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	23.33	23.51	23.39
3	QPSK	1	8	23.39	23.39	23.44
3	QPSK	1	14	23.29	23.45	23.38
3	QPSK	8	0	22.46	22.46	22.46
3	QPSK	8	4	22.44	22.30	22.43
3	QPSK	8	7	22.40	22.39	22.34
3	QPSK	15	0	22.37	22.39	22.43
3	16QAM	1	0	22.60	22.59	22.41
3	16QAM	1	8	22.37	22.42	22.47
3	16QAM	1	14	22.37	22.37	22.51
3	16QAM	8	0	21.43	21.41	21.56
3	16QAM	8	4	21.34	21.38	21.37
3	16QAM	8	7	21.52	21.48	21.49
3	16QAM	15	0	21.58	21.48	21.40
3	64QAM	1	0	21.55	21.49	21.40
3	64QAM	1	8	21.62	21.59	21.50
3	64QAM	1	14	21.64	21.66	21.60
3	64QAM	8	0	21.41	21.62	21.37
3	64QAM	8	4	21.41	21.48	21.54
3	64QAM	8	7	21.44	21.45	21.40
3	64QAM	15	0	21.43	21.41	21.42
3	256QAM	1	0	17.39	17.33	17.22
3	256QAM	1	8	17.42	17.36	17.41
3	256QAM	1	14	17.50	17.50	17.48
3	256QAM	8	0	17.19	17.43	17.25
3	256QAM	8	4	17.25	17.35	17.40
3	256QAM	8	7	17.26	17.30	17.25
3	256QAM	15	0	17.24	17.28	17.29



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	23.32	23.52	23.33
1.4	QPSK	1	3	23.39	23.38	23.42
1.4	QPSK	1	5	23.30	23.36	23.41
1.4	QPSK	3	0	23.43	23.47	23.47
1.4	QPSK	3	1	23.48	23.36	23.45
1.4	QPSK	3	3	23.40	23.36	23.34
1.4	QPSK	6	0	22.38	22.38	22.40
1.4	16QAM	1	0	22.62	22.57	22.49
1.4	16QAM	1	3	22.35	22.40	22.42
1.4	16QAM	1	5	22.46	22.32	22.50
1.4	16QAM	3	0	22.36	22.46	22.50
1.4	16QAM	3	1	22.37	22.39	22.36
1.4	16QAM	3	3	22.52	22.47	22.50
1.4	16QAM	6	0	21.53	21.44	21.46
1.4	64QAM	1	0	21.57	21.46	21.36
1.4	64QAM	1	3	21.57	21.52	21.54
1.4	64QAM	1	5	21.70	21.68	21.61
1.4	64QAM	3	0	21.41	21.56	21.46
1.4	64QAM	3	1	21.41	21.49	21.57
1.4	64QAM	3	3	21.40	21.48	21.36
1.4	64QAM	6	0	21.47	21.37	21.49
1.4	256QAM	1	0	17.35	17.32	17.23
1.4	256QAM	1	3	17.45	17.37	17.38
1.4	256QAM	1	5	17.51	17.49	17.43
1.4	256QAM	3	0	17.22	17.43	17.24
1.4	256QAM	3	1	17.30	17.36	17.39
1.4	256QAM	3	3	17.20	17.34	17.27
1.4	256QAM	6	0	17.28	17.24	17.33



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	/	23.53	/
10	QPSK	1	25	/	23.50	/
10	QPSK	1	49	/	23.40	/
10	QPSK	25	0	/	22.58	/
10	QPSK	25	12	/	22.50	/
10	QPSK	25	25	/	22.51	/
10	QPSK	50	0	/	22.52	/
10	16QAM	1	0	/	22.67	/
10	16QAM	1	25	/	22.64	/
10	16QAM	1	49	/	22.75	/
10	16QAM	25	0	/	21.61	/
10	16QAM	25	12	/	21.61	/
10	16QAM	25	25	/	21.53	/
10	16QAM	50	0	/	21.57	/
10	64QAM	1	0	/	21.69	/
10	64QAM	1	25	/	21.78	/
10	64QAM	1	49	/	21.72	/
10	64QAM	25	0	/	21.59	/
10	64QAM	25	12	/	21.56	/
10	64QAM	25	25	/	21.60	/
10	64QAM	50	0	/	21.51	/
10	256QAM	1	0	/	17.58	/
10	256QAM	1	25	/	17.67	/
10	256QAM	1	49	/	17.61	/
10	256QAM	25	0	/	17.48	/
10	256QAM	25	12	/	17.45	/
10	256QAM	25	25	/	17.49	/
10	256QAM	50	0	/	17.40	/



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	23.51	23.52	23.49
5	QPSK	1	12	23.46	23.42	23.48
5	QPSK	1	24	23.33	23.30	23.39
5	QPSK	12	0	22.56	22.52	22.53
5	QPSK	12	7	22.51	22.48	22.51
5	QPSK	12	13	22.50	22.48	22.42
5	QPSK	25	0	22.42	22.48	22.42
5	16QAM	1	0	22.65	22.66	22.65
5	16QAM	1	12	22.56	22.62	22.56
5	16QAM	1	24	22.69	22.66	22.67
5	16QAM	12	0	21.56	21.57	21.59
5	16QAM	12	7	21.52	21.53	21.55
5	16QAM	12	13	21.45	21.48	21.51
5	16QAM	25	0	21.54	21.47	21.54
5	64QAM	1	0	21.67	21.61	21.67
5	64QAM	1	12	21.69	21.74	21.76
5	64QAM	1	24	21.62	21.65	21.62
5	64QAM	12	0	21.58	21.58	21.49
5	64QAM	12	7	21.51	21.46	21.53
5	64QAM	12	13	21.58	21.56	21.53
5	64QAM	25	0	21.45	21.48	21.47
5	256QAM	1	0	17.48	17.50	17.56
5	256QAM	1	12	17.62	17.60	17.61
5	256QAM	1	24	17.54	17.51	17.51
5	256QAM	12	0	17.40	17.42	17.38
5	256QAM	12	7	17.39	17.43	17.41
5	256QAM	12	13	17.45	17.47	17.45
5	256QAM	25	0	17.36	17.39	17.36



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	23.58	23.60	23.45
10	QPSK	1	25	23.57	23.59	23.55
10	QPSK	1	49	23.48	23.56	23.58
10	QPSK	25	0	22.68	22.69	22.67
10	QPSK	25	12	22.65	22.64	22.64
10	QPSK	25	25	22.66	22.60	22.61
10	QPSK	50	0	22.67	22.65	22.65
10	16QAM	1	0	22.79	22.95	22.62
10	16QAM	1	25	22.61	22.67	22.72
10	16QAM	1	49	22.75	22.81	22.83
10	16QAM	25	0	21.68	21.72	21.60
10	16QAM	25	12	21.74	21.76	21.75
10	16QAM	25	25	21.76	21.70	21.69
10	16QAM	50	0	21.61	21.65	21.66
10	64QAM	1	0	21.66	21.85	21.74
10	64QAM	1	25	21.89	21.93	21.80
10	64QAM	1	49	21.74	21.73	21.71
10	64QAM	25	0	21.62	21.74	21.63
10	64QAM	25	12	21.61	21.68	21.65
10	64QAM	25	25	21.69	21.72	21.68
10	64QAM	50	0	21.65	21.61	21.66
10	256QAM	1	0	17.67	17.86	17.75
10	256QAM	1	25	17.90	17.94	17.81
10	256QAM	1	49	17.75	17.74	17.72
10	256QAM	25	0	17.63	17.75	17.64
10	256QAM	25	12	17.62	17.69	17.66
10	256QAM	25	25	17.70	17.73	17.69
10	256QAM	50	0	17.66	17.62	17.67



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	23.57	23.58	23.44
5	QPSK	1	12	23.50	23.53	23.54
5	QPSK	1	24	23.45	23.49	23.52
5	QPSK	12	0	22.61	22.64	22.64
5	QPSK	12	7	22.56	22.54	22.56
5	QPSK	12	13	22.56	22.53	22.59
5	QPSK	25	0	22.62	22.58	22.60
5	16QAM	1	0	22.76	22.85	22.55
5	16QAM	1	12	22.60	22.60	22.62
5	16QAM	1	24	22.66	22.74	22.73
5	16QAM	12	0	21.65	21.68	21.53
5	16QAM	12	7	21.66	21.67	21.71
5	16QAM	12	13	21.75	21.66	21.61
5	16QAM	25	0	21.57	21.64	21.57
5	64QAM	1	0	21.63	21.84	21.70
5	64QAM	1	12	21.88	21.88	21.72
5	64QAM	1	24	21.66	21.72	21.67
5	64QAM	12	0	21.52	21.67	21.53
5	64QAM	12	7	21.52	21.63	21.62
5	64QAM	12	13	21.66	21.68	21.59
5	64QAM	25	0	21.56	21.60	21.64
5	256QAM	1	0	17.59	17.84	17.68
5	256QAM	1	12	17.86	17.84	17.78
5	256QAM	1	24	17.70	17.64	17.62
5	256QAM	12	0	17.59	17.71	17.60
5	256QAM	12	7	17.58	17.59	17.61
5	256QAM	12	13	17.69	17.66	17.61
5	256QAM	25	0	17.59	17.54	17.57



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	22.95	23.03	23.02
5	QPSK	1	12	23.48	23.09	22.83
5	QPSK	1	24	23.25	22.96	23.09
5	QPSK	12	0	22.47	23.20	22.98
5	QPSK	12	7	22.58	23.01	23.10
5	QPSK	12	13	21.53	22.93	22.81
5	QPSK	25	0	22.53	23.06	22.89
5	16QAM	1	0	22.25	22.83	23.07
5	16QAM	1	12	21.91	23.02	22.97
5	16QAM	1	24	22.46	22.93	23.03
5	16QAM	12	0	22.11	21.96	22.14
5	16QAM	12	7	22.07	21.87	21.82
5	16QAM	12	13	21.83	21.84	22.15
5	16QAM	25	0	22.12	22.02	22.03
5	64QAM	1	0	20.88	20.82	20.85
5	64QAM	1	12	21.01	20.85	20.84
5	64QAM	1	24	21.01	21.10	20.92
5	64QAM	12	0	21.16	20.86	21.11
5	64QAM	12	7	21.20	20.97	21.04
5	64QAM	12	13	20.91	20.87	20.98
5	64QAM	25	0	21.08	21.19	20.94
5	256QAM	1	0	18.36	18.42	18.44
5	256QAM	1	12	18.43	18.66	18.53
5	256QAM	1	24	18.58	18.45	18.46
5	256QAM	12	0	18.66	18.65	18.53
5	256QAM	12	7	18.57	18.32	18.57
5	256QAM	12	13	18.69	18.54	18.48
5	256QAM	25	0	18.69	18.37	18.46



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	/	23.84	/
15	QPSK	1	37	/	23.81	/
15	QPSK	1	74	/	23.79	/
15	QPSK	36	0	/	22.88	/
15	QPSK	36	20	/	22.83	/
15	QPSK	36	39	/	22.79	/
15	QPSK	75	0	/	22.86	/
15	16QAM	1	0	/	22.61	/
15	16QAM	1	37	/	22.98	/
15	16QAM	1	74	/	22.93	/
15	16QAM	36	0	/	21.87	/
15	16QAM	36	20	/	21.94	/
15	16QAM	36	39	/	21.89	/
15	16QAM	75	0	/	21.85	/
15	64QAM	1	0	/	21.82	/
15	64QAM	1	37	/	21.80	/
15	64QAM	1	74	/	21.96	/
15	64QAM	36	0	/	21.84	/
15	64QAM	36	20	/	21.92	/
15	64QAM	36	39	/	21.91	/
15	64QAM	75	0	/	21.86	/
15	256QAM	1	0	/	17.92	/
15	256QAM	1	37	/	17.90	/
15	256QAM	1	74	/	18.06	/
15	256QAM	36	0	/	17.94	/
15	256QAM	36	20	/	18.02	/
15	256QAM	36	39	/	18.01	/
15	256QAM	75	0	/	17.96	/



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	23.69	23.81	23.62
10	QPSK	1	25	23.63	23.70	23.66
10	QPSK	1	49	23.76	23.72	23.77
10	QPSK	25	0	22.75	22.65	22.85
10	QPSK	25	12	22.78	22.79	22.76
10	QPSK	25	25	22.80	22.85	22.79
10	QPSK	50	0	22.64	22.77	22.77
10	16QAM	1	0	22.77	22.56	22.79
10	16QAM	1	25	22.84	22.97	22.76
10	16QAM	1	49	22.89	22.84	22.73
10	16QAM	25	0	21.87	21.83	21.90
10	16QAM	25	12	21.75	21.88	21.91
10	16QAM	25	25	21.83	21.88	21.86
10	16QAM	50	0	21.72	21.75	21.76
10	64QAM	1	0	21.79	21.73	21.92
10	64QAM	1	25	21.76	21.71	21.78
10	64QAM	1	49	21.85	21.88	21.64
10	64QAM	25	0	21.76	21.73	21.77
10	64QAM	25	12	21.87	21.85	21.87
10	64QAM	25	25	21.82	21.84	21.86
10	64QAM	50	0	21.72	21.77	21.83
10	256QAM	1	0	17.89	17.86	18.00
10	256QAM	1	25	17.82	17.84	17.90
10	256QAM	1	49	17.98	18.04	17.81
10	256QAM	25	0	17.93	17.85	17.90
10	256QAM	25	12	17.91	17.98	17.94
10	256QAM	25	25	17.92	17.92	18.01
10	256QAM	50	0	17.81	17.93	17.92



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	23.72	23.80	23.78
5	QPSK	1	12	23.67	23.76	23.74
5	QPSK	1	24	23.60	23.56	23.66
5	QPSK	12	0	23.76	23.76	23.73
5	QPSK	12	7	23.77	23.65	23.87
5	QPSK	12	13	23.68	23.76	23.71
5	QPSK	25	0	22.64	22.70	22.76
5	16QAM	1	0	22.91	22.91	22.86
5	16QAM	1	12	22.65	22.78	22.63
5	16QAM	1	24	22.70	22.81	22.70
5	16QAM	12	0	22.63	22.85	22.76
5	16QAM	12	7	22.72	22.72	22.75
5	16QAM	12	13	22.83	22.83	22.82
5	16QAM	25	0	21.72	21.73	21.71
5	64QAM	1	0	21.88	21.81	21.67
5	64QAM	1	12	21.86	21.73	21.73
5	64QAM	1	24	21.96	21.89	21.92
5	64QAM	12	0	21.77	21.78	21.79
5	64QAM	12	7	21.75	21.67	21.73
5	64QAM	12	13	21.74	21.73	21.80
5	64QAM	25	0	21.66	21.75	21.76
5	256QAM	1	0	17.98	17.87	17.73
5	256QAM	1	12	17.98	17.88	17.78
5	256QAM	1	24	18.04	17.96	17.97
5	256QAM	12	0	17.85	17.90	17.96
5	256QAM	12	7	17.82	17.80	17.83
5	256QAM	12	13	17.86	17.87	17.84
5	256QAM	25	0	17.74	17.86	17.83



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	22.42	22.48	22.40
20	QPSK	1	49	22.29	22.26	22.23
20	QPSK	1	99	22.27	22.18	22.16
20	QPSK	50	0	21.44	21.45	21.42
20	QPSK	50	24	21.41	21.37	21.39
20	QPSK	50	50	21.40	21.31	21.33
20	QPSK	100	0	21.39	21.45	21.39
20	16QAM	1	0	21.32	21.32	21.34
20	16QAM	1	49	21.41	21.38	21.37
20	16QAM	1	99	21.23	21.35	21.36
20	16QAM	50	0	20.44	20.29	20.30
20	16QAM	50	24	20.34	20.33	20.23
20	16QAM	50	50	20.29	20.27	20.28
20	16QAM	100	0	20.28	20.37	20.27
20	64QAM	1	0	20.35	20.36	20.29
20	64QAM	1	49	20.30	20.32	20.39
20	64QAM	1	99	20.37	20.34	20.32
20	64QAM	50	0	20.33	20.28	20.31
20	64QAM	50	24	20.33	20.39	20.30
20	64QAM	50	50	20.24	20.30	20.24
20	64QAM	100	0	20.39	20.38	20.18
20	256QAM	1	0	16.42	16.43	16.36
20	256QAM	1	49	16.37	16.39	16.46
20	256QAM	1	99	16.44	16.41	16.39
20	256QAM	50	0	16.40	16.35	16.38
20	256QAM	50	24	16.40	16.46	16.37
20	256QAM	50	50	16.31	16.37	16.31
20	256QAM	100	0	16.46	16.45	16.25



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	22.28	22.27	22.25
15	QPSK	1	37	22.21	22.22	22.19
15	QPSK	1	74	22.22	22.12	22.06
15	QPSK	36	0	21.45	21.21	21.32
15	QPSK	36	20	21.36	21.29	21.37
15	QPSK	36	39	21.30	21.25	21.32
15	QPSK	75	0	21.30	21.30	21.35
15	16QAM	1	0	21.27	21.21	21.22
15	16QAM	1	37	21.36	21.26	21.30
15	16QAM	1	74	21.18	21.32	21.25
15	16QAM	36	0	20.38	20.28	20.23
15	16QAM	36	20	20.24	20.22	20.22
15	16QAM	36	39	20.21	20.23	20.24
15	16QAM	75	0	20.22	20.35	20.25
15	64QAM	1	0	20.23	20.26	20.22
15	64QAM	1	37	20.24	20.20	20.36
15	64QAM	1	74	20.25	20.29	20.27
15	64QAM	36	0	20.29	20.24	20.23
15	64QAM	36	20	20.28	20.29	20.29
15	64QAM	36	39	20.17	20.26	20.20
15	64QAM	75	0	20.36	20.33	20.08
15	256QAM	1	0	16.35	16.39	16.32
15	256QAM	1	37	16.31	16.29	16.43
15	256QAM	1	74	16.42	16.34	16.29
15	256QAM	36	0	16.33	16.34	16.33
15	256QAM	36	20	16.32	16.40	16.29
15	256QAM	36	39	16.29	16.35	16.20
15	256QAM	75	0	16.39	16.37	16.24



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	22.27	22.25	22.25
10	QPSK	1	25	22.25	22.17	22.14
10	QPSK	1	49	22.25	22.08	22.13
10	QPSK	25	0	21.44	21.22	21.23
10	QPSK	25	12	21.38	21.27	21.31
10	QPSK	25	25	21.31	21.27	21.28
10	QPSK	50	0	21.31	21.35	21.37
10	16QAM	1	0	21.22	21.21	21.33
10	16QAM	1	25	21.29	21.35	21.26
10	16QAM	1	49	21.22	21.26	21.26
10	16QAM	25	0	20.38	20.27	20.24
10	16QAM	25	12	20.22	20.28	20.15
10	16QAM	25	25	20.25	20.24	20.16
10	16QAM	50	0	20.25	20.29	20.18
10	64QAM	1	0	20.25	20.29	20.20
10	64QAM	1	25	20.19	20.22	20.28
10	64QAM	1	49	20.31	20.23	20.27
10	64QAM	25	0	20.26	20.19	20.19
10	64QAM	25	12	20.21	20.36	20.24
10	64QAM	25	25	20.20	20.21	20.18
10	64QAM	50	0	20.35	20.27	20.16
10	256QAM	1	0	16.36	16.36	16.24
10	256QAM	1	25	16.33	16.29	16.41
10	256QAM	1	49	16.42	16.39	16.38
10	256QAM	25	0	16.36	16.34	16.26
10	256QAM	25	12	16.35	16.37	16.31
10	256QAM	25	25	16.28	16.36	16.19
10	256QAM	50	0	16.42	16.37	16.18



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				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.24	22.27	22.24
5	QPSK	1	12	22.18	22.14	22.15
5	QPSK	1	24	22.20	22.09	22.10
5	QPSK	12	0	21.44	21.20	21.30
5	QPSK	12	7	21.37	21.31	21.29
5	QPSK	12	13	21.36	21.21	21.25
5	QPSK	25	0	21.38	21.26	21.28
5	16QAM	1	0	21.21	21.24	21.25
5	16QAM	1	12	21.35	21.37	21.35
5	16QAM	1	24	21.17	21.24	21.29
5	16QAM	12	0	20.42	20.18	20.18
5	16QAM	12	7	20.24	20.28	20.11
5	16QAM	12	13	20.21	20.17	20.22
5	16QAM	25	0	20.24	20.27	20.16
5	64QAM	1	0	20.25	20.30	20.28
5	64QAM	1	12	20.26	20.23	20.36
5	64QAM	1	24	20.35	20.25	20.22
5	64QAM	12	0	20.29	20.21	20.23
5	64QAM	12	7	20.28	20.27	20.26
5	64QAM	12	13	20.22	20.24	20.18
5	64QAM	25	0	20.33	20.30	20.10
5	256QAM	1	0	16.35	16.35	16.33
5	256QAM	1	12	16.30	16.38	16.40
5	256QAM	1	24	16.33	16.38	16.36
5	256QAM	12	0	16.28	16.24	16.32
5	256QAM	12	7	16.36	16.39	16.25
5	256QAM	12	13	16.20	16.34	16.29
5	256QAM	25	0	16.43	16.37	16.17



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	22.27	22.28	22.16
3	QPSK	1	8	22.17	22.19	22.17
3	QPSK	1	14	22.21	22.16	22.14
3	QPSK	8	0	21.39	21.23	21.23
3	QPSK	8	4	21.30	21.32	21.33
3	QPSK	8	7	21.32	21.19	21.26
3	QPSK	15	0	21.32	21.26	21.38
3	16QAM	1	0	21.28	21.28	21.33
3	16QAM	1	8	21.39	21.32	21.32
3	16QAM	1	14	21.15	21.31	21.33
3	16QAM	8	0	20.33	20.27	20.25
3	16QAM	8	4	20.28	20.31	20.12
3	16QAM	8	7	20.17	20.15	20.27
3	16QAM	15	0	20.19	20.31	20.18
3	64QAM	1	0	20.24	20.29	20.26
3	64QAM	1	8	20.29	20.26	20.35
3	64QAM	1	14	20.35	20.28	20.22
3	64QAM	8	0	20.28	20.22	20.29
3	64QAM	8	4	20.30	20.36	20.27
3	64QAM	8	7	20.21	20.20	20.20
3	64QAM	15	0	20.38	20.32	20.14
3	256QAM	1	0	16.38	16.39	16.25
3	256QAM	1	8	16.28	16.29	16.34
3	256QAM	1	14	16.36	16.32	16.31
3	256QAM	8	0	16.29	16.34	16.27
3	256QAM	8	4	16.28	16.40	16.32
3	256QAM	8	7	16.28	16.35	16.19
3	256QAM	15	0	16.36	16.42	16.15



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	22.30	22.23	22.19
1.4	QPSK	1	3	22.19	22.22	22.18
1.4	QPSK	1	5	22.18	22.08	22.15
1.4	QPSK	3	0	22.37	22.22	22.32
1.4	QPSK	3	1	22.33	22.31	22.27
1.4	QPSK	3	3	22.30	22.21	22.28
1.4	QPSK	6	0	21.35	21.27	21.28
1.4	16QAM	1	0	21.20	21.29	21.23
1.4	16QAM	1	3	21.37	21.32	21.26
1.4	16QAM	1	5	21.11	21.28	21.35
1.4	16QAM	3	0	21.32	21.20	21.28
1.4	16QAM	3	1	21.31	21.32	21.16
1.4	16QAM	3	3	21.26	21.20	21.21
1.4	16QAM	6	0	20.16	20.27	20.17
1.4	64QAM	1	0	20.32	20.29	20.24
1.4	64QAM	1	3	20.23	20.26	20.34
1.4	64QAM	1	5	20.34	20.30	20.20
1.4	64QAM	3	0	20.27	20.25	20.21
1.4	64QAM	3	1	20.24	20.31	20.23
1.4	64QAM	3	3	20.17	20.22	20.15
1.4	64QAM	6	0	20.31	20.33	20.08
1.4	256QAM	1	0	16.31	16.38	16.25
1.4	256QAM	1	3	16.26	16.33	16.40
1.4	256QAM	1	5	16.39	16.37	16.37
1.4	256QAM	3	0	16.39	16.34	16.36
1.4	256QAM	3	1	16.34	16.44	16.27
1.4	256QAM	3	3	16.28	16.25	16.26
1.4	256QAM	6	0	16.38	16.36	16.21



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.82	23.06	23.11
15	QPSK	1	37	22.92	23.03	23.06
15	QPSK	1	74	23.07	22.81	22.98
15	QPSK	36	0	23.08	22.98	22.84
15	QPSK	36	20	23.06	22.83	23.17
15	QPSK	36	39	23.14	22.89	22.89
15	QPSK	75	0	22.83	23.17	23.07
15	16QAM	1	0	23.01	22.99	23.15
15	16QAM	1	37	23.16	22.86	22.95
15	16QAM	1	74	22.93	22.81	23.02
15	16QAM	36	0	22.20	22.19	21.94
15	16QAM	36	20	21.98	21.82	22.06
15	16QAM	36	39	21.92	21.85	22.01
15	16QAM	75	0	21.96	21.90	21.83
15	64QAM	1	0	21.17	20.88	20.91
15	64QAM	1	37	21.15	20.93	21.11
15	64QAM	1	74	21.06	20.99	20.92
15	64QAM	36	0	21.07	21.12	20.94
15	64QAM	36	20	21.02	21.06	20.99
15	64QAM	36	39	20.83	20.83	20.96
15	64QAM	75	0	20.89	20.98	20.81
15	256QAM	1	0	19.00	18.92	19.14
15	256QAM	1	37	19.16	18.83	19.15
15	256QAM	1	74	19.11	18.96	18.94
15	256QAM	36	0	19.19	19.14	18.84
15	256QAM	36	20	18.86	19.03	18.87
15	256QAM	36	39	19.13	18.80	19.04
15	256QAM	75	0	18.99	18.98	18.96



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	23.15	22.90	22.84
10	QPSK	1	25	22.96	22.93	23.12
10	QPSK	1	49	22.81	23.18	22.92
10	QPSK	25	0	23.07	22.80	23.05
10	QPSK	25	12	22.97	23.04	22.90
10	QPSK	25	25	23.02	22.85	22.90
10	QPSK	50	0	23.02	22.96	23.13
10	16QAM	1	0	23.10	22.95	23.05
10	16QAM	1	25	23.04	23.17	22.89
10	16QAM	1	49	22.98	22.98	22.81
10	16QAM	25	0	21.90	22.09	22.08
10	16QAM	25	12	22.15	22.16	22.18
10	16QAM	25	25	21.84	21.90	21.86
10	16QAM	50	0	21.96	21.90	21.98
10	64QAM	1	0	21.07	21.05	20.84
10	64QAM	1	25	20.85	21.04	21.01
10	64QAM	1	49	21.20	20.87	20.96
10	64QAM	25	0	21.02	21.09	21.12
10	64QAM	25	12	21.13	20.88	20.95
10	64QAM	25	25	20.82	21.14	20.94
10	64QAM	50	0	21.01	21.08	21.10
10	256QAM	1	0	18.96	18.99	19.15
10	256QAM	1	25	19.16	18.84	19.11
10	256QAM	1	49	19.15	19.13	19.02
10	256QAM	25	0	18.91	19.14	18.85
10	256QAM	25	12	19.10	18.88	18.84
10	256QAM	25	25	19.08	18.86	18.99
10	256QAM	50	0	18.91	18.86	18.80



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.87	22.84	22.86
5	QPSK	1	12	23.15	22.85	23.15
5	QPSK	1	24	23.01	22.98	22.84
5	QPSK	12	0	23.14	22.88	22.87
5	QPSK	12	7	22.95	22.89	22.84
5	QPSK	12	13	22.89	22.80	23.12
5	QPSK	25	0	23.07	23.19	22.80
5	16QAM	1	0	23.08	22.85	23.16
5	16QAM	1	12	23.16	22.83	22.91
5	16QAM	1	24	23.00	23.02	22.97
5	16QAM	12	0	21.89	22.04	21.96
5	16QAM	12	7	21.96	21.89	21.95
5	16QAM	12	13	21.97	22.15	21.82
5	16QAM	25	0	21.82	22.05	22.15
5	64QAM	1	0	20.82	20.88	21.03
5	64QAM	1	12	21.04	20.94	20.81
5	64QAM	1	24	21.05	21.04	21.00
5	64QAM	12	0	20.82	20.84	21.08
5	64QAM	12	7	21.13	20.92	20.95
5	64QAM	12	13	20.93	20.89	20.91
5	64QAM	25	0	21.20	21.07	20.85
5	256QAM	1	0	19.13	18.91	18.83
5	256QAM	1	12	18.85	19.12	19.06
5	256QAM	1	24	18.81	18.87	18.97
5	256QAM	12	0	19.14	19.10	19.18
5	256QAM	12	7	18.97	18.96	18.96
5	256QAM	12	13	18.97	18.88	19.02
5	256QAM	25	0	18.90	18.82	18.88



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.82	22.80	22.94
3	QPSK	1	8	23.19	23.10	23.15
3	QPSK	1	14	22.80	22.92	23.07
3	QPSK	8	0	23.11	23.18	22.82
3	QPSK	8	4	22.95	23.05	22.80
3	QPSK	8	7	22.90	22.99	22.96
3	QPSK	15	0	23.12	23.19	23.14
3	16QAM	1	0	22.83	23.04	23.19
3	16QAM	1	8	23.18	23.01	23.17
3	16QAM	1	14	22.98	23.08	22.91
3	16QAM	8	0	22.00	21.92	22.04
3	16QAM	8	4	21.88	22.11	22.11
3	16QAM	8	7	22.06	21.89	21.85
3	16QAM	15	0	21.95	22.14	21.82
3	64QAM	1	0	20.81	20.90	20.94
3	64QAM	1	8	21.20	20.89	21.17
3	64QAM	1	14	20.99	21.16	21.07
3	64QAM	8	0	20.89	21.19	20.97
3	64QAM	8	4	21.19	20.90	20.85
3	64QAM	8	7	21.01	20.80	20.89
3	64QAM	15	0	21.19	21.05	20.95
3	256QAM	1	0	18.98	19.18	18.81
3	256QAM	1	8	19.18	18.96	18.80
3	256QAM	1	14	19.02	19.14	19.06
3	256QAM	8	0	19.00	18.89	19.10
3	256QAM	8	4	18.97	19.16	19.11
3	256QAM	8	7	19.06	18.88	18.80
3	256QAM	15	0	19.02	18.83	19.13



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.04	22.99	23.09
1.4	QPSK	1	3	23.19	23.09	23.12
1.4	QPSK	1	5	22.90	23.16	23.09
1.4	QPSK	3	0	22.87	23.10	22.97
1.4	QPSK	3	1	23.08	22.84	22.84
1.4	QPSK	3	3	23.05	23.04	22.95
1.4	QPSK	6	0	23.04	22.81	23.02
1.4	16QAM	1	0	23.13	23.19	22.97
1.4	16QAM	1	3	23.08	23.12	22.80
1.4	16QAM	1	5	22.94	22.84	23.09
1.4	16QAM	3	0	21.87	21.98	22.03
1.4	16QAM	3	1	22.18	21.82	21.99
1.4	16QAM	3	3	22.01	22.09	22.09
1.4	16QAM	6	0	22.15	22.14	21.83
1.4	64QAM	1	0	21.17	20.80	21.07
1.4	64QAM	1	3	21.02	20.83	21.03
1.4	64QAM	1	5	21.05	21.08	21.14
1.4	64QAM	3	0	21.08	21.05	21.02
1.4	64QAM	3	1	20.88	21.06	21.19
1.4	64QAM	3	3	21.11	20.96	20.91
1.4	64QAM	6	0	21.20	21.13	21.01
1.4	256QAM	1	0	19.10	18.90	18.87
1.4	256QAM	1	3	19.07	18.89	19.20
1.4	256QAM	1	5	18.96	19.06	19.14
1.4	256QAM	3	0	19.19	19.15	19.13
1.4	256QAM	3	1	18.83	18.90	18.83
1.4	256QAM	3	3	19.18	19.10	19.12
1.4	256QAM	6	0	18.82	18.87	19.15



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.33	22.37	22.35
20	QPSK	1	49	22.20	22.33	22.17
20	QPSK	1	99	22.32	22.29	22.11
20	QPSK	50	0	21.32	21.39	21.34
20	QPSK	50	24	21.35	21.36	21.22
20	QPSK	50	50	21.32	21.25	21.18
20	QPSK	100	0	21.35	21.38	21.25
20	16QAM	1	0	21.45	21.46	21.34
20	16QAM	1	49	21.35	21.38	21.42
20	16QAM	1	99	21.27	21.31	21.28
20	16QAM	50	0	20.32	20.39	20.20
20	16QAM	50	24	20.40	20.35	20.37
20	16QAM	50	50	20.22	20.27	20.20
20	16QAM	100	0	20.31	20.32	20.26
20	64QAM	1	0	20.36	20.43	20.34
20	64QAM	1	49	20.18	20.26	20.29
20	64QAM	1	99	20.25	20.27	20.28
20	64QAM	50	0	20.24	20.29	20.24
20	64QAM	50	24	20.28	20.24	20.20
20	64QAM	50	50	20.15	20.22	20.09
20	64QAM	100	0	20.07	20.25	20.11
20	256QAM	1	0	16.39	16.46	16.37
20	256QAM	1	49	16.21	16.29	16.32
20	256QAM	1	99	16.28	16.30	16.31
20	256QAM	50	0	16.27	16.32	16.27
20	256QAM	50	24	16.31	16.27	16.23
20	256QAM	50	50	16.18	16.25	16.12
20	256QAM	100	0	16.10	16.28	16.14



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	22.08	22.33	22.24
15	QPSK	1	37	22.16	22.30	22.09
15	QPSK	1	74	22.23	22.19	22.08
15	QPSK	36	0	21.34	21.42	21.31
15	QPSK	36	20	21.43	21.39	21.27
15	QPSK	36	39	21.42	21.29	21.27
15	QPSK	75	0	21.29	21.21	21.23
15	16QAM	1	0	21.44	21.42	21.27
15	16QAM	1	37	21.28	21.31	21.34
15	16QAM	1	74	21.24	21.24	21.21
15	16QAM	36	0	20.31	20.37	20.13
15	16QAM	36	20	20.30	20.32	20.34
15	16QAM	36	39	20.18	20.25	20.18
15	16QAM	75	0	20.27	20.23	20.17
15	64QAM	1	0	20.30	20.33	20.25
15	64QAM	1	37	20.10	20.24	20.27
15	64QAM	1	74	20.24	20.20	20.24
15	64QAM	36	0	20.14	20.22	20.14
15	64QAM	36	20	20.24	20.14	20.12
15	64QAM	36	39	20.13	20.20	20.04
15	64QAM	75	0	20.01	20.24	20.10
15	256QAM	1	0	16.37	16.41	16.29
15	256QAM	1	37	16.14	16.19	16.26
15	256QAM	1	74	16.36	16.34	16.39
15	256QAM	36	0	16.33	16.44	16.36
15	256QAM	36	20	16.35	16.30	16.30
15	256QAM	36	39	16.21	16.32	16.19
15	256QAM	75	0	16.22	16.40	16.22



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	22.15	22.32	22.20
10	QPSK	1	25	22.17	22.31	22.12
10	QPSK	1	49	22.28	22.21	22.13
10	QPSK	25	0	21.37	21.48	21.34
10	QPSK	25	12	21.44	21.44	21.26
10	QPSK	25	25	21.41	21.29	21.23
10	QPSK	50	0	21.39	21.39	21.34
10	16QAM	1	0	21.39	21.41	21.33
10	16QAM	1	25	21.32	21.32	21.38
10	16QAM	1	49	21.24	21.28	21.27
10	16QAM	25	0	20.26	20.35	20.15
10	16QAM	25	12	20.33	20.32	20.34
10	16QAM	25	25	20.12	20.23	20.11
10	16QAM	50	0	20.25	20.26	20.20
10	64QAM	1	0	20.33	20.42	20.30
10	64QAM	1	25	20.17	20.18	20.28
10	64QAM	1	49	20.23	20.23	20.26
10	64QAM	25	0	20.18	20.26	20.22
10	64QAM	25	12	20.27	20.22	20.16
10	64QAM	25	25	20.05	20.14	20.01
10	64QAM	50	0	20.06	20.22	20.10
10	256QAM	1	0	16.33	16.38	16.31
10	256QAM	1	25	16.13	16.27	16.29
10	256QAM	1	49	16.19	16.28	16.21
10	256QAM	25	0	16.19	16.24	16.23
10	256QAM	25	12	16.37	16.33	16.32
10	256QAM	25	25	16.28	16.37	16.22
10	256QAM	50	0	16.21	16.40	16.21



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	22.07	22.32	22.25
5	QPSK	1	12	22.14	22.31	22.13
5	QPSK	1	24	22.23	22.24	22.08
5	QPSK	12	0	21.35	21.45	21.36
5	QPSK	12	7	21.33	21.28	21.20
5	QPSK	12	13	21.24	21.23	21.08
5	QPSK	25	0	21.34	21.28	21.21
5	16QAM	1	0	21.42	21.45	21.29
5	16QAM	1	12	21.34	21.36	21.37
5	16QAM	1	24	21.26	21.21	21.18
5	16QAM	12	0	20.27	20.31	20.16
5	16QAM	12	7	20.36	20.32	20.33
5	16QAM	12	13	20.19	20.22	20.17
5	16QAM	25	0	20.22	20.25	20.21
5	64QAM	1	0	20.33	20.41	20.30
5	64QAM	1	12	20.14	20.20	20.24
5	64QAM	1	24	20.21	20.23	20.27
5	64QAM	12	0	20.15	20.24	20.23
5	64QAM	12	7	20.27	20.20	20.19
5	64QAM	12	13	20.08	20.15	20.03
5	64QAM	25	0	19.99	20.15	20.03
5	256QAM	1	0	16.32	16.36	16.31
5	256QAM	1	12	16.18	16.24	16.31
5	256QAM	1	24	16.20	16.22	16.22
5	256QAM	12	0	16.19	16.22	16.19
5	256QAM	12	7	16.36	16.38	16.30
5	256QAM	12	13	16.30	16.33	16.17
5	256QAM	25	0	16.20	16.38	16.25



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.43	23.49	23.32
20	QPSK	1	49	23.34	23.24	23.22
20	QPSK	1	99	23.43	23.39	23.21
20	QPSK	50	0	22.66	22.67	22.40
20	QPSK	50	24	22.62	22.53	22.35
20	QPSK	50	50	22.64	22.49	22.22
20	QPSK	100	0	22.63	22.54	22.32
20	16QAM	1	0	22.71	22.67	22.62
20	16QAM	1	49	22.64	22.61	22.57
20	16QAM	1	99	22.57	22.66	22.54
20	16QAM	50	0	21.72	21.54	21.39
20	16QAM	50	24	21.66	21.57	21.42
20	16QAM	50	50	21.63	21.42	21.38
20	16QAM	100	0	21.54	21.57	21.52
20	64QAM	1	0	21.62	21.60	21.54
20	64QAM	1	49	21.61	21.51	21.44
20	64QAM	1	99	21.55	21.55	21.49
20	64QAM	50	0	21.67	21.48	21.25
20	64QAM	50	24	21.57	21.51	21.43
20	64QAM	50	50	21.44	21.46	21.37
20	64QAM	100	0	21.63	21.62	21.52
20	256QAM	1	0	17.38	17.36	17.30
20	256QAM	1	49	17.37	17.27	17.20
20	256QAM	1	99	17.31	17.31	17.25
20	256QAM	50	0	17.43	17.24	17.01
20	256QAM	50	24	17.33	17.27	17.19
20	256QAM	50	50	17.20	17.22	17.13
20	256QAM	100	0	17.39	17.38	17.28



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.38	23.48	23.23
15	QPSK	1	37	23.33	23.22	23.23
15	QPSK	1	74	23.34	23.29	23.20
15	QPSK	36	0	22.55	22.63	22.39
15	QPSK	36	20	22.51	22.49	22.29
15	QPSK	36	39	22.63	22.46	22.20
15	QPSK	75	0	22.54	22.46	22.25
15	16QAM	1	0	22.67	22.56	22.56
15	16QAM	1	37	22.55	22.59	22.47
15	16QAM	1	74	22.53	22.56	22.42
15	16QAM	36	0	21.65	21.46	21.34
15	16QAM	36	20	21.65	21.51	21.39
15	16QAM	36	39	21.52	21.33	21.37
15	16QAM	75	0	21.50	21.56	21.49
15	64QAM	1	0	21.51	21.54	21.44
15	64QAM	1	37	21.58	21.47	21.35
15	64QAM	1	74	21.52	21.44	21.45
15	64QAM	36	0	21.55	21.38	21.20
15	64QAM	36	20	21.46	21.41	21.39
15	64QAM	36	39	21.39	21.38	21.33
15	64QAM	75	0	21.56	21.50	21.50
15	256QAM	1	0	17.28	17.33	17.21
15	256QAM	1	37	17.27	17.19	17.17
15	256QAM	1	74	17.23	17.24	17.19
15	256QAM	36	0	17.38	17.14	16.95
15	256QAM	36	20	17.25	17.17	17.15
15	256QAM	36	39	17.14	17.19	17.02
15	256QAM	75	0	17.31	17.31	17.17



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.34	23.44	23.23
10	QPSK	1	25	23.26	23.20	23.22
10	QPSK	1	49	23.39	23.29	23.24
10	QPSK	25	0	22.62	22.59	22.33
10	QPSK	25	12	22.61	22.52	22.25
10	QPSK	25	25	22.63	22.47	22.20
10	QPSK	50	0	22.59	22.53	22.27
10	16QAM	1	0	22.67	22.58	22.55
10	16QAM	1	25	22.58	22.51	22.48
10	16QAM	1	49	22.54	22.65	22.48
10	16QAM	25	0	21.61	21.46	21.30
10	16QAM	25	12	21.63	21.52	21.31
10	16QAM	25	25	21.56	21.35	21.28
10	16QAM	50	0	21.44	21.53	21.50
10	64QAM	1	0	21.57	21.50	21.48
10	64QAM	1	25	21.58	21.43	21.35
10	64QAM	1	49	21.43	21.47	21.39
10	64QAM	25	0	21.56	21.38	21.24
10	64QAM	25	12	21.53	21.41	21.41
10	64QAM	25	25	21.43	21.43	21.30
10	64QAM	50	0	21.62	21.58	21.48
10	256QAM	1	0	17.31	17.34	17.23
10	256QAM	1	25	17.31	17.15	17.13
10	256QAM	1	49	17.27	17.21	17.14
10	256QAM	25	0	17.39	17.13	16.95
10	256QAM	25	12	17.27	17.24	17.08
10	256QAM	25	25	17.19	17.12	17.04
10	256QAM	50	0	17.32	17.31	17.24



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.32	23.46	23.31
5	QPSK	1	12	23.32	23.24	23.27
5	QPSK	1	24	23.38	23.27	23.26
5	QPSK	12	0	22.62	22.60	22.34
5	QPSK	12	7	22.54	22.45	22.31
5	QPSK	12	13	22.52	22.42	22.21
5	QPSK	25	0	22.52	22.47	22.21
5	16QAM	1	0	22.61	22.61	22.60
5	16QAM	1	12	22.54	22.50	22.50
5	16QAM	1	24	22.46	22.54	22.44
5	16QAM	12	0	21.61	21.50	21.28
5	16QAM	12	7	21.55	21.50	21.33
5	16QAM	12	13	21.55	21.35	21.30
5	16QAM	25	0	21.49	21.52	21.46
5	64QAM	1	0	21.56	21.52	21.45
5	64QAM	1	12	21.50	21.44	21.40
5	64QAM	1	24	21.45	21.53	21.47
5	64QAM	12	0	21.60	21.45	21.23
5	64QAM	12	7	21.45	21.39	21.33
5	64QAM	12	13	21.35	21.35	21.28
5	64QAM	25	0	21.55	21.57	21.49
5	256QAM	1	0	17.36	17.31	17.18
5	256QAM	1	12	17.27	17.19	17.08
5	256QAM	1	24	17.21	17.21	17.18
5	256QAM	12	0	17.36	17.23	16.97
5	256QAM	12	7	17.28	17.26	17.14
5	256QAM	12	13	17.13	17.11	17.12
5	256QAM	25	0	17.36	17.32	17.24



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.12	22.18	22.01
20	QPSK	1	49	22.03	21.93	21.91
20	QPSK	1	99	22.12	22.08	21.90
20	QPSK	50	0	21.35	21.36	21.33
20	QPSK	50	24	21.31	21.22	21.04
20	QPSK	50	50	21.33	21.18	20.91
20	QPSK	100	0	21.32	21.23	21.01
20	16QAM	1	0	21.40	21.36	21.31
20	16QAM	1	49	21.33	21.30	21.26
20	16QAM	1	99	21.26	21.35	21.23
20	16QAM	50	0	20.41	20.23	20.08
20	16QAM	50	24	20.35	20.26	20.11
20	16QAM	50	50	20.32	20.11	20.07
20	16QAM	100	0	20.23	20.26	20.21
20	64QAM	1	0	20.31	20.29	20.23
20	64QAM	1	49	20.30	20.20	20.13
20	64QAM	1	99	20.24	20.24	20.18
20	64QAM	50	0	20.36	20.17	19.94
20	64QAM	50	24	20.26	20.20	20.12
20	64QAM	50	50	20.13	20.15	20.06
20	64QAM	100	0	20.32	20.31	20.21
20	256QAM	1	0	16.51	16.49	16.43
20	256QAM	1	49	16.50	16.40	16.33
20	256QAM	1	99	16.44	16.44	16.38
20	256QAM	50	0	16.56	16.37	16.14
20	256QAM	50	24	16.46	16.40	16.32
20	256QAM	50	50	16.33	16.35	16.26
20	256QAM	100	0	16.52	16.51	16.41



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.07	22.17	21.92
15	QPSK	1	37	22.02	21.91	21.92
15	QPSK	1	74	22.03	21.98	21.89
15	QPSK	36	0	21.24	21.32	21.08
15	QPSK	36	20	21.20	21.18	20.98
15	QPSK	36	39	21.32	21.15	20.89
15	QPSK	75	0	21.23	21.15	20.94
15	16QAM	1	0	21.36	21.25	21.25
15	16QAM	1	37	21.24	21.28	21.16
15	16QAM	1	74	21.22	21.25	21.11
15	16QAM	36	0	20.34	20.15	20.03
15	16QAM	36	20	20.34	20.20	20.08
15	16QAM	36	39	20.21	20.02	20.06
15	16QAM	75	0	20.19	20.25	20.18
15	64QAM	1	0	20.20	20.23	20.13
15	64QAM	1	37	20.27	20.16	20.04
15	64QAM	1	74	20.21	20.13	20.14
15	64QAM	36	0	20.24	20.07	19.89
15	64QAM	36	20	20.15	20.10	20.08
15	64QAM	36	39	20.08	20.07	20.02
15	64QAM	75	0	20.25	20.19	20.19
15	256QAM	1	0	16.41	16.46	16.34
15	256QAM	1	37	16.40	16.32	16.30
15	256QAM	1	74	16.36	16.37	16.32
15	256QAM	36	0	16.51	16.27	16.08
15	256QAM	36	20	16.38	16.30	16.28
15	256QAM	36	39	16.27	16.32	16.15
15	256QAM	75	0	16.44	16.44	16.30



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.03	22.13	21.92
10	QPSK	1	25	21.95	21.89	21.91
10	QPSK	1	49	22.08	21.98	21.93
10	QPSK	25	0	21.31	21.28	21.02
10	QPSK	25	12	21.30	21.21	20.94
10	QPSK	25	25	21.32	21.16	20.89
10	QPSK	50	0	21.28	21.22	20.96
10	16QAM	1	0	21.36	21.27	21.24
10	16QAM	1	25	21.27	21.20	21.17
10	16QAM	1	49	21.23	21.34	21.17
10	16QAM	25	0	20.30	20.15	19.99
10	16QAM	25	12	20.32	20.21	20.00
10	16QAM	25	25	20.25	20.04	19.97
10	16QAM	50	0	20.13	20.22	20.19
10	64QAM	1	0	20.26	20.19	20.17
10	64QAM	1	25	20.27	20.12	20.04
10	64QAM	1	49	20.12	20.16	20.08
10	64QAM	25	0	20.25	20.07	19.93
10	64QAM	25	12	20.22	20.10	20.10
10	64QAM	25	25	20.12	20.12	19.99
10	64QAM	50	0	20.31	20.27	20.17
10	256QAM	1	0	16.44	16.47	16.36
10	256QAM	1	25	16.44	16.28	16.26
10	256QAM	1	49	16.40	16.34	16.27
10	256QAM	25	0	16.52	16.26	16.08
10	256QAM	25	12	16.40	16.37	16.21
10	256QAM	25	25	16.32	16.25	16.17
10	256QAM	50	0	16.45	16.44	16.37



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.01	22.15	22.00
5	QPSK	1	12	22.01	21.93	21.96
5	QPSK	1	24	22.07	21.96	21.95
5	QPSK	12	0	21.31	21.29	21.03
5	QPSK	12	7	21.23	21.14	21.00
5	QPSK	12	13	21.21	21.11	20.90
5	QPSK	25	0	21.21	21.16	20.90
5	16QAM	1	0	21.30	21.30	21.29
5	16QAM	1	12	21.23	21.19	21.19
5	16QAM	1	24	21.15	21.23	21.13
5	16QAM	12	0	20.30	20.19	19.97
5	16QAM	12	7	20.24	20.19	20.02
5	16QAM	12	13	20.24	20.04	19.99
5	16QAM	25	0	20.18	20.21	20.15
5	64QAM	1	0	20.25	20.21	20.14
5	64QAM	1	12	20.19	20.13	20.09
5	64QAM	1	24	20.14	20.22	20.16
5	64QAM	12	0	20.29	20.14	19.92
5	64QAM	12	7	20.14	20.08	20.02
5	64QAM	12	13	20.04	20.04	19.97
5	64QAM	25	0	20.24	20.26	20.18
5	256QAM	1	0	16.49	16.44	16.31
5	256QAM	1	12	16.40	16.32	16.21
5	256QAM	1	24	16.34	16.34	16.31
5	256QAM	12	0	16.49	16.36	16.10
5	256QAM	12	7	16.41	16.39	16.27
5	256QAM	12	13	16.26	16.24	16.25
5	256QAM	25	0	16.49	16.45	16.37



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.81	22.84	22.75
20	QPSK	1	49	22.53	22.65	22.50
20	QPSK	1	99	22.61	22.61	22.58
20	QPSK	50	0	21.73	21.78	21.76
20	QPSK	50	24	21.66	21.74	21.73
20	QPSK	50	50	21.77	21.72	21.74
20	QPSK	100	0	21.73	21.78	21.75
20	16QAM	1	0	22.03	21.98	22.00
20	16QAM	1	49	21.90	21.99	21.76
20	16QAM	1	99	21.84	21.91	21.99
20	16QAM	50	0	20.70	20.63	20.62
20	16QAM	50	24	20.82	20.77	20.65
20	16QAM	50	50	20.75	20.74	20.71
20	16QAM	100	0	20.76	20.73	20.63
20	64QAM	1	0	20.99	20.96	20.97
20	64QAM	1	49	20.87	20.97	20.71
20	64QAM	1	99	20.78	20.91	20.92
20	64QAM	50	0	20.67	20.62	20.62
20	64QAM	50	24	20.74	20.72	20.64
20	64QAM	50	50	20.67	20.68	20.68
20	64QAM	100	0	20.78	20.67	20.56
20	256QAM	1	0	16.88	16.83	16.90
20	256QAM	1	49	16.71	16.88	16.61
20	256QAM	1	99	16.73	16.80	16.88
20	256QAM	50	0	16.53	16.46	16.47
20	256QAM	50	24	16.63	16.67	16.48
20	256QAM	50	50	16.66	16.59	16.57
20	256QAM	100	0	16.62	16.65	16.48



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.43	22.63	22.59
15	QPSK	1	37	22.51	22.58	22.40
15	QPSK	1	74	22.55	22.60	22.54
15	QPSK	36	0	21.51	21.55	21.54
15	QPSK	36	20	21.57	21.70	21.72
15	QPSK	36	39	21.68	21.68	21.69
15	QPSK	75	0	21.53	21.57	21.69
15	16QAM	1	0	22.01	21.91	21.98
15	16QAM	1	37	21.85	21.95	21.72
15	16QAM	1	74	21.79	21.82	21.92
15	16QAM	36	0	20.68	20.58	20.60
15	16QAM	36	20	20.71	20.75	20.64
15	16QAM	36	39	20.69	20.65	20.63
15	16QAM	75	0	20.69	20.65	20.53
15	64QAM	1	0	20.94	20.92	20.90
15	64QAM	1	37	20.78	20.87	20.67
15	64QAM	1	74	20.67	20.86	20.90
15	64QAM	36	0	20.55	20.61	20.54
15	64QAM	36	20	20.64	20.62	20.63
15	64QAM	36	39	20.58	20.66	20.58
15	64QAM	75	0	20.76	20.65	20.49
15	256QAM	1	0	16.85	16.78	16.84
15	256QAM	1	37	16.65	16.80	16.55
15	256QAM	1	74	16.62	16.75	16.86
15	256QAM	36	0	16.57	16.56	16.56
15	256QAM	36	20	16.64	16.81	16.54
15	256QAM	36	39	16.66	16.67	16.68
15	256QAM	75	0	16.62	16.76	16.57



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.53	22.63	22.61
10	QPSK	1	25	22.41	22.62	22.42
10	QPSK	1	49	22.51	22.55	22.49
10	QPSK	25	0	21.51	21.59	21.60
10	QPSK	25	12	21.59	21.67	21.65
10	QPSK	25	25	21.68	21.67	21.68
10	QPSK	50	0	21.59	21.48	21.74
10	16QAM	1	0	22.02	21.92	21.96
10	16QAM	1	25	21.83	21.95	21.68
10	16QAM	1	49	21.80	21.86	21.91
10	16QAM	25	0	20.58	20.60	20.54
10	16QAM	25	12	20.79	20.71	20.60
10	16QAM	25	25	20.64	20.71	20.64
10	16QAM	50	0	20.71	20.64	20.59
10	64QAM	1	0	20.87	20.94	20.87
10	64QAM	1	25	20.85	20.91	20.65
10	64QAM	1	49	20.67	20.88	20.86
10	64QAM	25	0	20.65	20.61	20.53
10	64QAM	25	12	20.70	20.69	20.54
10	64QAM	25	25	20.56	20.66	20.59
10	64QAM	50	0	20.70	20.57	20.55
10	256QAM	1	0	17.00	16.91	16.99
10	256QAM	1	25	16.83	17.02	16.70
10	256QAM	1	49	16.80	16.94	16.94
10	256QAM	25	0	16.58	16.55	16.56
10	256QAM	25	12	16.78	16.82	16.57
10	256QAM	25	25	16.72	16.69	16.70
10	256QAM	50	0	16.75	16.73	16.58



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.49	22.66	22.60
5	QPSK	1	12	22.50	22.57	22.44
5	QPSK	1	24	22.56	22.53	22.53
5	QPSK	12	0	21.59	21.62	21.60
5	QPSK	12	7	21.60	21.70	21.64
5	QPSK	12	13	21.71	21.68	21.67
5	QPSK	25	0	21.55	21.54	21.74
5	16QAM	1	0	21.97	21.94	21.97
5	16QAM	1	12	21.78	21.95	21.70
5	16QAM	1	24	21.77	21.88	21.89
5	16QAM	12	0	20.65	20.53	20.56
5	16QAM	12	7	20.76	20.70	20.55
5	16QAM	12	13	20.63	20.72	20.67
5	16QAM	25	0	20.75	20.70	20.58
5	64QAM	1	0	20.89	20.88	20.94
5	64QAM	1	12	20.75	20.94	20.68
5	64QAM	1	24	20.69	20.83	20.90
5	64QAM	12	0	20.64	20.53	20.56
5	64QAM	12	7	20.72	20.69	20.56
5	64QAM	12	13	20.65	20.67	20.64
5	64QAM	25	0	20.66	20.66	20.51
5	256QAM	1	0	17.00	16.92	16.98
5	256QAM	1	12	16.77	16.94	16.70
5	256QAM	1	24	16.83	16.94	16.97
5	256QAM	12	0	16.62	16.59	16.53
5	256QAM	12	7	16.68	16.74	16.63
5	256QAM	12	13	16.79	16.71	16.69
5	256QAM	25	0	16.74	16.74	16.56



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.49	22.59	22.56
3	QPSK	1	8	22.41	22.59	22.46
3	QPSK	1	14	22.51	22.52	22.57
3	QPSK	8	0	21.58	21.56	21.59
3	QPSK	8	4	21.62	21.65	21.65
3	QPSK	8	7	21.68	21.68	21.65
3	QPSK	15	0	21.57	21.48	21.65
3	16QAM	1	0	21.98	21.95	21.90
3	16QAM	1	8	21.86	21.91	21.74
3	16QAM	1	14	21.72	21.88	21.98
3	16QAM	8	0	20.60	20.60	20.55
3	16QAM	8	4	20.73	20.70	20.63
3	16QAM	8	7	20.67	20.66	20.70
3	16QAM	15	0	20.66	20.64	20.58
3	64QAM	1	0	20.98	20.89	20.96
3	64QAM	1	8	20.85	20.92	20.69
3	64QAM	1	14	20.73	20.85	20.82
3	64QAM	8	0	20.58	20.60	20.52
3	64QAM	8	4	20.73	20.62	20.63
3	64QAM	8	7	20.63	20.58	20.62
3	64QAM	15	0	20.74	20.61	20.50
3	256QAM	1	0	16.93	16.91	17.03
3	256QAM	1	8	16.85	16.97	16.67
3	256QAM	1	14	16.82	16.88	16.99
3	256QAM	8	0	16.57	16.59	16.62
3	256QAM	8	4	16.76	16.76	16.57
3	256QAM	8	7	16.74	16.66	16.67
3	256QAM	15	0	16.76	16.72	16.55



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.48	22.64	22.60
1.4	QPSK	1	3	22.51	22.59	22.48
1.4	QPSK	1	5	22.52	22.60	22.48
1.4	QPSK	3	0	22.62	22.60	22.74
1.4	QPSK	3	1	22.65	22.67	22.63
1.4	QPSK	3	3	22.70	22.67	22.64
1.4	QPSK	6	0	21.61	21.48	21.72
1.4	16QAM	1	0	21.95	21.91	21.90
1.4	16QAM	1	3	21.82	21.94	21.67
1.4	16QAM	1	5	21.82	21.89	21.93
1.4	16QAM	3	0	21.59	21.81	21.60
1.4	16QAM	3	1	21.79	21.76	21.62
1.4	16QAM	3	3	21.66	21.69	21.68
1.4	16QAM	6	0	20.69	20.65	20.66
1.4	64QAM	1	0	20.95	20.88	20.87
1.4	64QAM	1	3	20.79	20.95	20.68
1.4	64QAM	1	5	20.76	20.83	20.86
1.4	64QAM	3	0	20.69	20.64	20.60
1.4	64QAM	3	1	20.63	20.68	20.62
1.4	64QAM	3	3	20.63	20.64	20.67
1.4	64QAM	6	0	20.75	20.62	20.54
1.4	256QAM	1	0	17.02	16.98	17.02
1.4	256QAM	1	3	16.77	16.97	16.76
1.4	256QAM	1	5	16.79	16.90	17.01
1.4	256QAM	3	0	16.66	16.54	16.57
1.4	256QAM	3	1	16.78	16.73	16.62
1.4	256QAM	3	3	16.71	16.73	16.72
1.4	256QAM	6	0	16.67	16.76	16.57



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.37	23.50	23.43
20	QPSK	1	49	23.34	23.40	23.33
20	QPSK	1	99	23.45	23.42	23.46
20	QPSK	50	0	22.48	22.56	22.52
20	QPSK	50	24	22.41	22.44	22.48
20	QPSK	50	50	22.52	22.55	22.53
20	QPSK	100	0	22.47	22.57	22.49
20	16QAM	1	0	22.68	22.72	22.72
20	16QAM	1	49	22.70	22.79	22.77
20	16QAM	1	99	22.73	22.80	22.78
20	16QAM	50	0	21.40	21.44	21.49
20	16QAM	50	24	21.55	21.57	21.54
20	16QAM	50	50	21.54	21.59	21.56
20	16QAM	100	0	21.53	21.45	21.59
20	64QAM	1	0	21.62	21.76	21.67
20	64QAM	1	49	21.64	21.79	21.71
20	64QAM	1	99	21.74	21.85	21.75
20	64QAM	50	0	21.34	21.38	21.48
20	64QAM	50	24	21.55	21.55	21.54
20	64QAM	50	50	21.58	21.58	21.58
20	64QAM	100	0	21.55	21.42	21.63
20	256QAM	1	0	17.52	17.66	17.57
20	256QAM	1	49	17.54	17.69	17.61
20	256QAM	1	99	17.64	17.75	17.65
20	256QAM	50	0	17.25	17.29	17.39
20	256QAM	50	24	17.46	17.46	17.45
20	256QAM	50	50	17.49	17.49	17.49
20	256QAM	100	0	17.46	17.33	17.54



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.31	23.46	23.35
15	QPSK	1	37	23.26	23.30	23.21
15	QPSK	1	74	23.33	23.37	23.40
15	QPSK	36	0	22.21	22.50	22.44
15	QPSK	36	20	22.31	22.32	22.45
15	QPSK	36	39	22.51	22.48	22.51
15	QPSK	75	0	22.35	22.43	22.37
15	16QAM	1	0	22.62	22.71	22.71
15	16QAM	1	37	22.65	22.75	22.69
15	16QAM	1	74	22.69	22.79	22.77
15	16QAM	36	0	21.30	21.41	21.42
15	16QAM	36	20	21.44	21.45	21.43
15	16QAM	36	39	21.52	21.58	21.54
15	16QAM	75	0	21.42	21.42	21.54
15	64QAM	1	0	21.58	21.66	21.57
15	64QAM	1	37	21.61	21.76	21.60
15	64QAM	1	74	21.65	21.73	21.72
15	64QAM	36	0	21.28	21.33	21.46
15	64QAM	36	20	21.43	21.50	21.43
15	64QAM	36	39	21.56	21.50	21.52
15	64QAM	75	0	21.45	21.41	21.52
15	256QAM	1	0	17.43	17.65	17.52
15	256QAM	1	37	17.53	17.64	17.54
15	256QAM	1	74	17.54	17.69	17.59
15	256QAM	36	0	17.22	17.23	17.33
15	256QAM	36	20	17.35	17.37	17.41
15	256QAM	36	39	17.43	17.37	17.42
15	256QAM	75	0	17.35	17.29	17.51



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.28	23.46	23.40
10	QPSK	1	25	23.32	23.34	23.23
10	QPSK	1	49	23.40	23.38	23.45
10	QPSK	25	0	22.27	22.53	22.43
10	QPSK	25	12	22.39	22.38	22.38
10	QPSK	25	25	22.48	22.52	22.44
10	QPSK	50	0	22.40	22.36	22.43
10	16QAM	1	0	22.63	22.66	22.65
10	16QAM	1	25	22.69	22.75	22.73
10	16QAM	1	49	22.65	22.74	22.67
10	16QAM	25	0	21.37	21.34	21.37
10	16QAM	25	12	21.46	21.45	21.45
10	16QAM	25	25	21.48	21.55	21.55
10	16QAM	50	0	21.50	21.43	21.56
10	64QAM	1	0	21.59	21.70	21.63
10	64QAM	1	25	21.59	21.78	21.61
10	64QAM	1	49	21.65	21.83	21.73
10	64QAM	25	0	21.22	21.34	21.46
10	64QAM	25	12	21.45	21.43	21.44
10	64QAM	25	25	21.48	21.48	21.56
10	64QAM	50	0	21.45	21.37	21.62
10	256QAM	1	0	17.51	17.65	17.54
10	256QAM	1	25	17.43	17.65	17.57
10	256QAM	1	49	17.53	17.66	17.55
10	256QAM	25	0	17.18	17.18	17.32
10	256QAM	25	12	17.42	17.34	17.33
10	256QAM	25	25	17.42	17.45	17.40
10	256QAM	50	0	17.44	17.27	17.42



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.27	23.45	23.32
5	QPSK	1	12	23.24	23.32	23.29
5	QPSK	1	24	23.39	23.39	23.44
5	QPSK	12	0	22.24	22.51	22.49
5	QPSK	12	7	22.29	22.33	22.47
5	QPSK	12	13	22.42	22.45	22.46
5	QPSK	25	0	22.44	22.44	22.46
5	16QAM	1	0	22.58	22.65	22.66
5	16QAM	1	12	22.63	22.78	22.67
5	16QAM	1	24	22.66	22.72	22.70
5	16QAM	12	0	21.35	21.38	21.40
5	16QAM	12	7	21.49	21.49	21.51
5	16QAM	12	13	21.53	21.53	21.54
5	16QAM	25	0	21.48	21.41	21.57
5	64QAM	1	0	21.55	21.67	21.60
5	64QAM	1	12	21.57	21.76	21.62
5	64QAM	1	24	21.62	21.77	21.74
5	64QAM	12	0	21.25	21.27	21.37
5	64QAM	12	7	21.51	21.47	21.47
5	64QAM	12	13	21.48	21.53	21.53
5	64QAM	25	0	21.45	21.37	21.58
5	256QAM	1	0	17.49	17.59	17.52
5	256QAM	1	12	17.46	17.57	17.49
5	256QAM	1	24	17.63	17.66	17.57
5	256QAM	12	0	17.18	17.28	17.28
5	256QAM	12	7	17.35	17.42	17.42
5	256QAM	12	13	17.39	17.47	17.39
5	256QAM	25	0	17.34	17.25	17.48



ANT 1

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	24.36	24.37	24.29
10	QPSK	1	25	24.32	24.35	24.24
10	QPSK	1	49	24.24	24.31	24.06
10	QPSK	25	0	23.42	23.50	23.36
10	QPSK	25	12	23.49	23.46	23.41
10	QPSK	25	25	23.41	23.37	23.40
10	QPSK	50	0	23.30	23.32	23.29
10	16QAM	1	0	23.39	23.29	23.25
10	16QAM	1	25	23.38	23.56	23.42
10	16QAM	1	49	23.35	23.36	23.28
10	16QAM	25	0	22.34	22.25	22.22
10	16QAM	25	12	22.26	22.22	22.19
10	16QAM	25	25	22.34	22.30	22.25
10	16QAM	50	0	22.38	22.24	22.21
10	64QAM	1	0	22.40	22.47	22.36
10	64QAM	1	25	22.27	22.25	22.31
10	64QAM	1	49	22.42	22.22	22.38
10	64QAM	25	0	22.37	22.30	22.25
10	64QAM	25	12	22.45	22.25	22.30
10	64QAM	25	25	22.29	22.30	22.25
10	64QAM	50	0	22.30	22.27	22.29
10	256QAM	1	0	18.44	18.51	18.40
10	256QAM	1	25	18.31	18.29	18.35
10	256QAM	1	49	18.46	18.26	18.42
10	256QAM	25	0	18.41	18.34	18.29
10	256QAM	25	12	18.49	18.29	18.34
10	256QAM	25	25	18.33	18.34	18.29
10	256QAM	50	0	18.34	18.31	18.33



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	24.33	24.34	24.26
5	QPSK	1	12	24.29	24.29	24.22
5	QPSK	1	24	24.19	24.26	24.00
5	QPSK	12	0	23.41	23.47	23.23
5	QPSK	12	7	23.45	23.43	23.38
5	QPSK	12	13	23.31	23.33	23.30
5	QPSK	25	0	23.35	23.33	23.38
5	16QAM	1	0	23.49	23.40	23.35
5	16QAM	1	12	23.48	23.68	23.54
5	16QAM	1	24	23.47	23.44	23.40
5	16QAM	12	0	22.40	22.36	22.27
5	16QAM	12	7	22.34	22.33	22.25
5	16QAM	12	13	22.39	22.38	22.32
5	16QAM	25	0	22.48	22.29	22.26
5	64QAM	1	0	22.34	22.41	22.34
5	64QAM	1	12	22.17	22.24	22.26
5	64QAM	1	24	22.37	22.13	22.29
5	64QAM	12	0	22.30	22.26	22.19
5	64QAM	12	7	22.41	22.20	22.24
5	64QAM	12	13	22.21	22.21	22.15
5	64QAM	25	0	22.39	22.37	22.40
5	256QAM	1	0	18.40	18.43	18.39
5	256QAM	1	12	18.29	18.28	18.31
5	256QAM	1	24	18.38	18.24	18.38
5	256QAM	12	0	18.35	18.28	18.19
5	256QAM	12	7	18.40	18.23	18.25
5	256QAM	12	13	18.23	18.26	18.22
5	256QAM	25	0	18.30	18.30	18.26



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	24.24	24.32	24.28
3	QPSK	1	8	24.31	24.29	24.17
3	QPSK	1	14	24.15	24.24	23.98
3	QPSK	8	0	23.35	23.46	23.24
3	QPSK	8	4	23.45	23.43	23.36
3	QPSK	8	7	23.17	23.22	23.20
3	QPSK	15	0	23.22	23.21	23.25
3	16QAM	1	0	23.36	23.20	23.21
3	16QAM	1	8	23.36	23.54	23.35
3	16QAM	1	14	23.28	23.26	23.26
3	16QAM	8	0	22.31	22.19	22.15
3	16QAM	8	4	22.17	22.19	22.18
3	16QAM	8	7	22.28	22.20	22.17
3	16QAM	15	0	22.34	22.21	22.18
3	64QAM	1	0	22.32	22.38	22.33
3	64QAM	1	8	22.26	22.20	22.30
3	64QAM	1	14	22.38	22.19	22.35
3	64QAM	8	0	22.32	22.21	22.21
3	64QAM	8	4	22.41	22.24	22.26
3	64QAM	8	7	22.27	22.21	22.19
3	64QAM	15	0	22.20	22.26	22.20
3	256QAM	1	0	18.39	18.43	18.36
3	256QAM	1	8	18.27	18.22	18.32
3	256QAM	1	14	18.37	18.19	18.41
3	256QAM	8	0	18.54	18.40	18.33
3	256QAM	8	4	18.56	18.40	18.47
3	256QAM	8	7	18.41	18.42	18.38
3	256QAM	15	0	18.42	18.43	18.40



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	24.34	24.35	24.22
1.4	QPSK	1	3	24.27	24.27	24.16
1.4	QPSK	1	5	24.23	24.28	24.01
1.4	QPSK	3	0	24.23	24.34	24.08
1.4	QPSK	3	1	24.29	24.26	24.19
1.4	QPSK	3	3	24.18	24.22	24.25
1.4	QPSK	6	0	23.29	23.19	23.20
1.4	16QAM	1	0	23.36	23.24	23.17
1.4	16QAM	1	3	23.36	23.54	23.32
1.4	16QAM	1	5	23.34	23.31	23.23
1.4	16QAM	3	0	23.39	23.32	23.34
1.4	16QAM	3	1	23.38	23.33	23.27
1.4	16QAM	3	3	23.39	23.39	23.37
1.4	16QAM	6	0	22.50	22.36	22.33
1.4	64QAM	1	0	22.53	22.55	22.41
1.4	64QAM	1	3	22.34	22.31	22.36
1.4	64QAM	1	5	22.50	22.26	22.50
1.4	64QAM	3	0	22.44	22.43	22.36
1.4	64QAM	3	1	22.51	22.32	22.35
1.4	64QAM	3	3	22.34	22.34	22.31
1.4	64QAM	6	0	22.42	22.39	22.39
1.4	256QAM	1	0	18.50	18.64	18.52
1.4	256QAM	1	3	18.40	18.38	18.39
1.4	256QAM	1	5	18.54	18.30	18.51
1.4	256QAM	3	0	18.46	18.39	18.39
1.4	256QAM	3	1	18.62	18.42	18.43
1.4	256QAM	3	3	18.43	18.40	18.34
1.4	256QAM	6	0	18.38	18.35	18.37



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	24.33	24.38	24.26
10	QPSK	1	25	24.26	24.29	24.30
10	QPSK	1	49	24.16	24.31	24.33
10	QPSK	25	0	23.32	23.37	23.36
10	QPSK	25	12	23.34	23.25	23.32
10	QPSK	25	25	23.34	23.29	23.26
10	QPSK	50	0	23.28	23.27	23.33
10	16QAM	1	0	23.52	23.49	23.36
10	16QAM	1	25	23.27	23.34	23.34
10	16QAM	1	49	23.32	23.27	23.38
10	16QAM	25	0	22.30	22.32	22.43
10	16QAM	25	12	22.28	22.33	22.30
10	16QAM	25	25	22.40	22.37	22.39
10	16QAM	50	0	22.44	22.38	22.35
10	64QAM	1	0	22.44	22.39	22.29
10	64QAM	1	25	22.50	22.45	22.43
10	64QAM	1	49	22.56	22.58	22.52
10	64QAM	25	0	22.28	22.48	22.32
10	64QAM	25	12	22.35	22.41	22.43
10	64QAM	25	25	22.30	22.37	22.31
10	64QAM	50	0	22.34	22.32	22.35
10	256QAM	1	0	18.28	18.23	18.13
10	256QAM	1	25	18.34	18.29	18.27
10	256QAM	1	49	18.40	18.42	18.36
10	256QAM	25	0	18.12	18.32	18.16
10	256QAM	25	12	18.19	18.25	18.27
10	256QAM	25	25	18.14	18.21	18.15
10	256QAM	50	0	18.18	18.16	18.19



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	24.13	24.28	24.16
5	QPSK	1	12	24.21	24.28	24.21
5	QPSK	1	24	24.15	24.26	24.27
5	QPSK	12	0	23.29	23.30	23.32
5	QPSK	12	7	23.25	23.20	23.29
5	QPSK	12	13	23.26	23.21	23.25
5	QPSK	25	0	23.27	23.24	23.29
5	16QAM	1	0	23.48	23.44	23.26
5	16QAM	1	12	23.17	23.32	23.32
5	16QAM	1	24	23.27	23.26	23.31
5	16QAM	12	0	22.21	22.30	22.35
5	16QAM	12	7	22.27	22.25	22.22
5	16QAM	12	13	22.32	22.29	22.33
5	16QAM	25	0	22.42	22.28	22.33
5	64QAM	1	0	22.42	22.31	22.25
5	64QAM	1	12	22.42	22.38	22.41
5	64QAM	1	24	22.52	22.54	22.42
5	64QAM	12	0	22.24	22.43	22.29
5	64QAM	12	7	22.28	22.38	22.36
5	64QAM	12	13	22.26	22.32	22.22
5	64QAM	25	0	22.33	22.29	22.34
5	256QAM	1	0	18.23	18.14	18.09
5	256QAM	1	12	18.31	18.20	18.24
5	256QAM	1	24	18.34	18.35	18.33
5	256QAM	12	0	18.09	18.26	18.10
5	256QAM	12	7	18.14	18.23	18.17
5	256QAM	12	13	18.10	18.13	18.08
5	256QAM	25	0	18.12	18.09	18.12



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	24.18	24.36	24.24
3	QPSK	1	8	24.24	24.24	24.29
3	QPSK	1	14	24.14	24.30	24.23
3	QPSK	8	0	23.31	23.31	23.31
3	QPSK	8	4	23.29	23.15	23.28
3	QPSK	8	7	23.25	23.24	23.19
3	QPSK	15	0	23.22	23.24	23.28
3	16QAM	1	0	23.45	23.44	23.26
3	16QAM	1	8	23.22	23.27	23.32
3	16QAM	1	14	23.22	23.22	23.36
3	16QAM	8	0	22.28	22.26	22.41
3	16QAM	8	4	22.19	22.23	22.22
3	16QAM	8	7	22.37	22.33	22.34
3	16QAM	15	0	22.43	22.33	22.25
3	64QAM	1	0	22.40	22.34	22.25
3	64QAM	1	8	22.47	22.44	22.35
3	64QAM	1	14	22.49	22.51	22.45
3	64QAM	8	0	22.26	22.47	22.22
3	64QAM	8	4	22.26	22.33	22.39
3	64QAM	8	7	22.29	22.30	22.25
3	64QAM	15	0	22.28	22.26	22.27
3	256QAM	1	0	18.24	18.18	18.07
3	256QAM	1	8	18.27	18.21	18.26
3	256QAM	1	14	18.35	18.35	18.33
3	256QAM	8	0	18.04	18.28	18.10
3	256QAM	8	4	18.10	18.20	18.25
3	256QAM	8	7	18.11	18.15	18.10
3	256QAM	15	0	18.09	18.13	18.14



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	24.17	24.37	24.18
1.4	QPSK	1	3	24.24	24.23	24.27
1.4	QPSK	1	5	24.15	24.21	24.26
1.4	QPSK	3	0	24.28	24.32	24.32
1.4	QPSK	3	1	24.33	24.21	24.30
1.4	QPSK	3	3	24.25	24.21	24.19
1.4	QPSK	6	0	23.23	23.23	23.25
1.4	16QAM	1	0	23.47	23.42	23.34
1.4	16QAM	1	3	23.20	23.25	23.27
1.4	16QAM	1	5	23.31	23.17	23.35
1.4	16QAM	3	0	23.21	23.31	23.35
1.4	16QAM	3	1	23.22	23.24	23.21
1.4	16QAM	3	3	23.37	23.32	23.35
1.4	16QAM	6	0	22.38	22.29	22.31
1.4	64QAM	1	0	22.42	22.31	22.21
1.4	64QAM	1	3	22.42	22.37	22.39
1.4	64QAM	1	5	22.55	22.53	22.46
1.4	64QAM	3	0	22.26	22.41	22.31
1.4	64QAM	3	1	22.26	22.34	22.42
1.4	64QAM	3	3	22.25	22.33	22.21
1.4	64QAM	6	0	22.32	22.22	22.34
1.4	256QAM	1	0	18.20	18.17	18.08
1.4	256QAM	1	3	18.30	18.22	18.23
1.4	256QAM	1	5	18.36	18.34	18.28
1.4	256QAM	3	0	18.07	18.28	18.09
1.4	256QAM	3	1	18.15	18.21	18.24
1.4	256QAM	3	3	18.05	18.19	18.12
1.4	256QAM	6	0	18.13	18.09	18.18



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	/	24.37	/
10	QPSK	1	25	/	24.34	/
10	QPSK	1	49	/	24.24	/
10	QPSK	25	0	/	23.42	/
10	QPSK	25	12	/	23.34	/
10	QPSK	25	25	/	23.35	/
10	QPSK	50	0	/	23.36	/
10	16QAM	1	0	/	23.51	/
10	16QAM	1	25	/	23.48	/
10	16QAM	1	49	/	23.59	/
10	16QAM	25	0	/	22.45	/
10	16QAM	25	12	/	22.45	/
10	16QAM	25	25	/	22.37	/
10	16QAM	50	0	/	22.41	/
10	64QAM	1	0	/	22.53	/
10	64QAM	1	25	/	22.62	/
10	64QAM	1	49	/	22.56	/
10	64QAM	25	0	/	22.43	/
10	64QAM	25	12	/	22.40	/
10	64QAM	25	25	/	22.44	/
10	64QAM	50	0	/	22.35	/
10	256QAM	1	0	/	18.42	/
10	256QAM	1	25	/	18.51	/
10	256QAM	1	49	/	18.45	/
10	256QAM	25	0	/	18.32	/
10	256QAM	25	12	/	18.29	/
10	256QAM	25	25	/	18.33	/
10	256QAM	50	0	/	18.24	/



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	24.35	24.36	24.33
5	QPSK	1	12	24.30	24.26	24.32
5	QPSK	1	24	24.17	24.14	24.23
5	QPSK	12	0	23.40	23.36	23.37
5	QPSK	12	7	23.35	23.32	23.35
5	QPSK	12	13	23.34	23.32	23.26
5	QPSK	25	0	23.26	23.32	23.26
5	16QAM	1	0	23.49	23.50	23.49
5	16QAM	1	12	23.40	23.46	23.40
5	16QAM	1	24	23.53	23.50	23.51
5	16QAM	12	0	22.40	22.41	22.43
5	16QAM	12	7	22.36	22.37	22.39
5	16QAM	12	13	22.29	22.32	22.35
5	16QAM	25	0	22.38	22.31	22.38
5	64QAM	1	0	22.51	22.45	22.51
5	64QAM	1	12	22.53	22.58	22.60
5	64QAM	1	24	22.46	22.49	22.46
5	64QAM	12	0	22.42	22.42	22.33
5	64QAM	12	7	22.35	22.30	22.37
5	64QAM	12	13	22.42	22.40	22.37
5	64QAM	25	0	22.29	22.32	22.31
5	256QAM	1	0	18.32	18.34	18.40
5	256QAM	1	12	18.46	18.44	18.45
5	256QAM	1	24	18.38	18.35	18.35
5	256QAM	12	0	18.24	18.26	18.22
5	256QAM	12	7	18.23	18.27	18.25
5	256QAM	12	13	18.29	18.31	18.29
5	256QAM	25	0	18.20	18.23	18.20



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	24.21	24.23	24.08
10	QPSK	1	25	24.20	24.22	24.18
10	QPSK	1	49	24.11	24.19	24.21
10	QPSK	25	0	23.31	23.32	23.30
10	QPSK	25	12	23.28	23.27	23.27
10	QPSK	25	25	23.29	23.23	23.24
10	QPSK	50	0	23.30	23.28	23.28
10	16QAM	1	0	23.42	23.58	23.25
10	16QAM	1	25	23.24	23.30	23.35
10	16QAM	1	49	23.38	23.44	23.46
10	16QAM	25	0	22.31	22.35	22.23
10	16QAM	25	12	22.37	22.39	22.38
10	16QAM	25	25	22.39	22.33	22.32
10	16QAM	50	0	22.24	22.28	22.29
10	64QAM	1	0	22.29	22.48	22.37
10	64QAM	1	25	22.52	22.56	22.43
10	64QAM	1	49	22.37	22.36	22.34
10	64QAM	25	0	22.25	22.37	22.26
10	64QAM	25	12	22.24	22.31	22.28
10	64QAM	25	25	22.32	22.35	22.31
10	64QAM	50	0	22.28	22.24	22.29
10	256QAM	1	0	18.30	18.49	18.38
10	256QAM	1	25	18.53	18.57	18.44
10	256QAM	1	49	18.38	18.37	18.35
10	256QAM	25	0	18.26	18.38	18.27
10	256QAM	25	12	18.25	18.32	18.29
10	256QAM	25	25	18.33	18.36	18.32
10	256QAM	50	0	18.29	18.25	18.30



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	24.20	24.21	24.07
5	QPSK	1	12	24.13	24.16	24.17
5	QPSK	1	24	24.08	24.12	24.15
5	QPSK	12	0	23.24	23.27	23.27
5	QPSK	12	7	23.19	23.17	23.19
5	QPSK	12	13	23.19	23.16	23.22
5	QPSK	25	0	23.25	23.21	23.23
5	16QAM	1	0	23.39	23.48	23.18
5	16QAM	1	12	23.23	23.23	23.25
5	16QAM	1	24	23.29	23.37	23.36
5	16QAM	12	0	22.28	22.31	22.16
5	16QAM	12	7	22.29	22.30	22.34
5	16QAM	12	13	22.38	22.29	22.24
5	16QAM	25	0	22.20	22.27	22.20
5	64QAM	1	0	22.26	22.47	22.33
5	64QAM	1	12	22.51	22.51	22.35
5	64QAM	1	24	22.29	22.35	22.30
5	64QAM	12	0	22.15	22.30	22.16
5	64QAM	12	7	22.15	22.26	22.25
5	64QAM	12	13	22.29	22.31	22.22
5	64QAM	25	0	22.19	22.23	22.27
5	256QAM	1	0	18.22	18.47	18.31
5	256QAM	1	12	18.49	18.47	18.41
5	256QAM	1	24	18.33	18.27	18.25
5	256QAM	12	0	18.22	18.34	18.23
5	256QAM	12	7	18.21	18.22	18.24
5	256QAM	12	13	18.32	18.29	18.24
5	256QAM	25	0	18.22	18.17	18.20



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	23.45	22.78	22.83
5	QPSK	1	12	23.14	23.01	23.38
5	QPSK	1	24	23.09	23.04	23.04
5	QPSK	12	0	22.78	22.81	22.77
5	QPSK	12	7	22.90	22.81	22.82
5	QPSK	12	13	22.81	22.83	22.80
5	QPSK	25	0	22.77	23.21	22.77
5	16QAM	1	0	23.24	23.63	23.30
5	16QAM	1	12	23.14	22.92	22.87
5	16QAM	1	24	22.91	22.96	23.00
5	16QAM	12	0	22.15	21.78	22.01
5	16QAM	12	7	21.99	21.94	22.02
5	16QAM	12	13	21.86	22.00	21.94
5	16QAM	25	0	21.81	21.86	21.88
5	64QAM	1	0	22.87	23.57	22.55
5	64QAM	1	12	22.97	22.73	22.70
5	64QAM	1	24	22.77	22.87	22.79
5	64QAM	12	0	21.87	21.76	21.86
5	64QAM	12	7	22.00	22.52	21.98
5	64QAM	12	13	22.07	22.29	22.17
5	64QAM	25	0	21.86	22.14	21.97
5	256QAM	1	0	18.55	18.51	18.48
5	256QAM	1	12	18.73	18.60	18.51
5	256QAM	1	24	18.56	18.48	18.47
5	256QAM	12	0	18.55	18.56	18.53
5	256QAM	12	7	18.62	18.56	18.52
5	256QAM	12	13	18.68	18.62	18.50
5	256QAM	25	0	18.62	18.54	18.53



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	/	24.28	/
15	QPSK	1	37	/	24.25	/
15	QPSK	1	74	/	24.23	/
15	QPSK	36	0	/	23.32	/
15	QPSK	36	20	/	23.27	/
15	QPSK	36	39	/	23.23	/
15	QPSK	75	0	/	23.30	/
15	16QAM	1	0	/	23.05	/
15	16QAM	1	37	/	23.42	/
15	16QAM	1	74	/	23.37	/
15	16QAM	36	0	/	22.31	/
15	16QAM	36	20	/	22.38	/
15	16QAM	36	39	/	22.33	/
15	16QAM	75	0	/	22.29	/
15	64QAM	1	0	/	22.26	/
15	64QAM	1	37	/	22.24	/
15	64QAM	1	74	/	22.40	/
15	64QAM	36	0	/	22.28	/
15	64QAM	36	20	/	22.36	/
15	64QAM	36	39	/	22.35	/
15	64QAM	75	0	/	22.30	/
15	256QAM	1	0	/	18.36	/
15	256QAM	1	37	/	18.34	/
15	256QAM	1	74	/	18.50	/
15	256QAM	36	0	/	18.38	/
15	256QAM	36	20	/	18.46	/
15	256QAM	36	39	/	18.45	/
15	256QAM	75	0	/	18.40	/



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	24.13	24.25	24.06
10	QPSK	1	25	24.07	24.14	24.10
10	QPSK	1	49	24.20	24.16	24.21
10	QPSK	25	0	23.19	23.09	23.29
10	QPSK	25	12	23.22	23.23	23.20
10	QPSK	25	25	23.24	23.29	23.23
10	QPSK	50	0	23.08	23.21	23.21
10	16QAM	1	0	23.21	23.00	23.23
10	16QAM	1	25	23.28	23.41	23.20
10	16QAM	1	49	23.33	23.28	23.17
10	16QAM	25	0	22.31	22.27	22.34
10	16QAM	25	12	22.19	22.32	22.35
10	16QAM	25	25	22.27	22.32	22.30
10	16QAM	50	0	22.16	22.19	22.20
10	64QAM	1	0	22.23	22.17	22.36
10	64QAM	1	25	22.20	22.15	22.22
10	64QAM	1	49	22.29	22.32	22.08
10	64QAM	25	0	22.20	22.17	22.21
10	64QAM	25	12	22.31	22.29	22.31
10	64QAM	25	25	22.26	22.28	22.30
10	64QAM	50	0	22.16	22.21	22.27
10	256QAM	1	0	18.33	18.30	18.44
10	256QAM	1	25	18.26	18.28	18.34
10	256QAM	1	49	18.42	18.48	18.25
10	256QAM	25	0	18.37	18.29	18.34
10	256QAM	25	12	18.35	18.42	18.38
10	256QAM	25	25	18.36	18.36	18.45
10	256QAM	50	0	18.25	18.37	18.36



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	24.16	24.24	24.22
5	QPSK	1	12	24.11	24.20	24.18
5	QPSK	1	24	24.04	24.00	24.10
5	QPSK	12	0	24.20	24.20	24.17
5	QPSK	12	7	24.21	24.09	24.31
5	QPSK	12	13	24.12	24.20	24.15
5	QPSK	25	0	23.08	23.14	23.20
5	16QAM	1	0	23.35	23.35	23.30
5	16QAM	1	12	23.09	23.22	23.07
5	16QAM	1	24	23.14	23.25	23.14
5	16QAM	12	0	23.07	23.29	23.20
5	16QAM	12	7	23.16	23.16	23.19
5	16QAM	12	13	23.27	23.27	23.26
5	16QAM	25	0	22.16	22.17	22.15
5	64QAM	1	0	22.32	22.25	22.11
5	64QAM	1	12	22.30	22.17	22.17
5	64QAM	1	24	22.40	22.33	22.36
5	64QAM	12	0	22.21	22.22	22.23
5	64QAM	12	7	22.19	22.11	22.17
5	64QAM	12	13	22.18	22.17	22.24
5	64QAM	25	0	22.10	22.19	22.20
5	256QAM	1	0	18.42	18.31	18.17
5	256QAM	1	12	18.42	18.32	18.22
5	256QAM	1	24	18.48	18.40	18.41
5	256QAM	12	0	18.29	18.34	18.40
5	256QAM	12	7	18.26	18.24	18.27
5	256QAM	12	13	18.30	18.31	18.28
5	256QAM	25	0	18.18	18.30	18.27



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	23.16	23.35	23.16
15	QPSK	1	37	23.57	23.20	23.02
15	QPSK	1	74	23.16	23.19	23.14
15	QPSK	36	0	22.40	22.08	22.54
15	QPSK	36	20	22.55	22.36	22.40
15	QPSK	36	39	22.51	22.39	22.51
15	QPSK	75	0	22.54	22.51	22.13
15	16QAM	1	0	22.51	22.53	22.31
15	16QAM	1	37	22.58	22.97	22.36
15	16QAM	1	74	22.54	22.31	22.43
15	16QAM	36	0	21.33	21.21	21.50
15	16QAM	36	20	21.34	21.49	21.25
15	16QAM	36	39	21.57	21.29	21.30
15	16QAM	75	0	21.69	21.39	21.36
15	64QAM	1	0	21.68	22.21	21.52
15	64QAM	1	37	21.35	21.49	21.63
15	64QAM	1	74	21.33	21.56	21.53
15	64QAM	36	0	20.50	20.34	20.11
15	64QAM	36	20	20.28	20.55	20.42
15	64QAM	36	39	20.41	20.55	20.50
15	64QAM	75	0	20.42	20.39	20.44
15	256QAM	1	0	18.46	18.33	18.21
15	256QAM	1	37	18.43	18.43	18.34
15	256QAM	1	74	18.40	18.31	18.34
15	256QAM	36	0	18.38	18.36	18.36
15	256QAM	36	20	18.35	18.33	18.35
15	256QAM	36	39	18.38	18.38	18.35
15	256QAM	75	0	18.41	18.38	18.45



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	23.29	23.20	23.20
10	QPSK	1	25	23.27	23.30	23.33
10	QPSK	1	49	23.33	23.24	23.12
10	QPSK	25	0	22.52	22.45	22.39
10	QPSK	25	12	22.62	22.20	22.39
10	QPSK	25	25	22.71	22.46	22.39
10	QPSK	50	0	22.51	22.56	22.65
10	16QAM	1	0	22.83	22.57	22.59
10	16QAM	1	25	22.60	22.68	22.39
10	16QAM	1	49	22.89	22.44	22.58
10	16QAM	25	0	21.54	21.36	21.50
10	16QAM	25	12	21.67	21.69	21.57
10	16QAM	25	25	21.44	21.49	21.29
10	16QAM	50	0	21.73	21.49	21.51
10	64QAM	1	0	22.07	21.70	21.34
10	64QAM	1	25	21.78	21.73	21.40
10	64QAM	1	49	21.57	21.80	21.46
10	64QAM	25	0	20.71	20.53	20.39
10	64QAM	25	12	20.76	20.54	20.58
10	64QAM	25	25	20.52	20.69	20.46
10	64QAM	50	0	20.35	20.57	20.54
10	256QAM	1	0	18.33	18.33	18.36
10	256QAM	1	25	18.50	18.53	18.46
10	256QAM	1	49	18.45	18.32	18.23
10	256QAM	25	0	18.43	18.38	18.35
10	256QAM	25	12	18.55	18.38	18.35
10	256QAM	25	25	18.43	18.42	18.40
10	256QAM	50	0	18.45	18.37	18.33



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	23.15	23.10	23.08
5	QPSK	1	12	23.20	23.27	23.08
5	QPSK	1	24	23.18	23.28	23.04
5	QPSK	12	0	22.56	22.34	22.35
5	QPSK	12	7	22.44	22.41	22.40
5	QPSK	12	13	22.46	22.45	22.41
5	QPSK	25	0	22.55	22.39	22.21
5	16QAM	1	0	22.83	22.85	22.46
5	16QAM	1	12	23.02	22.82	22.51
5	16QAM	1	24	22.65	22.66	22.65
5	16QAM	12	0	21.52	21.62	21.37
5	16QAM	12	7	21.32	21.55	21.45
5	16QAM	12	13	21.82	21.61	21.40
5	16QAM	25	0	21.64	21.26	21.27
5	64QAM	1	0	21.69	22.11	21.65
5	64QAM	1	12	21.36	21.75	21.57
5	64QAM	1	24	21.62	21.72	21.39
5	64QAM	12	0	20.50	20.36	20.31
5	64QAM	12	7	20.43	20.50	20.42
5	64QAM	12	13	20.64	20.68	20.45
5	64QAM	25	0	20.34	20.40	20.50
5	256QAM	1	0	18.28	18.24	18.21
5	256QAM	1	12	18.46	18.33	18.24
5	256QAM	1	24	18.29	18.21	18.20
5	256QAM	12	0	18.28	18.29	18.26
5	256QAM	12	7	18.35	18.29	18.25
5	256QAM	12	13	18.41	18.35	18.23
5	256QAM	25	0	18.35	18.27	18.26



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.17	23.32	23.08
3	QPSK	1	8	23.48	23.13	23.05
3	QPSK	1	14	23.03	23.17	22.87
3	QPSK	8	0	22.42	22.09	22.28
3	QPSK	8	4	22.66	22.49	22.27
3	QPSK	8	7	22.42	22.43	22.36
3	QPSK	15	0	22.54	22.26	22.21
3	16QAM	1	0	23.22	23.05	22.57
3	16QAM	1	8	22.50	22.67	22.53
3	16QAM	1	14	22.58	22.44	22.44
3	16QAM	8	0	21.36	21.30	21.37
3	16QAM	8	4	21.41	21.08	21.33
3	16QAM	8	7	21.63	21.36	21.42
3	16QAM	15	0	21.51	21.30	21.33
3	64QAM	1	0	22.08	21.26	21.41
3	64QAM	1	8	21.42	21.58	21.63
3	64QAM	1	14	21.61	21.29	21.75
3	64QAM	8	0	20.50	20.33	20.25
3	64QAM	8	4	20.84	20.52	20.35
3	64QAM	8	7	20.52	20.43	20.51
3	64QAM	15	0	20.31	20.24	20.21
3	256QAM	1	0	18.24	18.05	18.19
3	256QAM	1	8	18.29	18.29	18.29
3	256QAM	1	14	18.27	18.23	18.15
3	256QAM	8	0	18.46	18.20	18.13
3	256QAM	8	4	18.42	18.26	18.30
3	256QAM	8	7	18.40	18.36	18.21
3	256QAM	15	0	18.39	18.21	18.16



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.56	23.05	23.17
1.4	QPSK	1	3	23.46	23.40	23.37
1.4	QPSK	1	5	23.28	23.16	23.23
1.4	QPSK	3	0	23.24	23.36	23.20
1.4	QPSK	3	1	23.07	23.29	23.22
1.4	QPSK	3	3	23.20	23.23	23.22
1.4	QPSK	6	0	22.57	22.27	22.56
1.4	16QAM	1	0	22.82	22.54	22.87
1.4	16QAM	1	3	22.52	22.31	22.54
1.4	16QAM	1	5	22.61	23.01	22.73
1.4	16QAM	3	0	22.61	22.43	22.30
1.4	16QAM	3	1	22.76	22.42	22.58
1.4	16QAM	3	3	22.77	22.43	22.51
1.4	16QAM	6	0	21.36	21.43	21.43
1.4	64QAM	1	0	21.70	21.33	21.57
1.4	64QAM	1	3	21.69	21.49	21.51
1.4	64QAM	1	5	21.68	21.55	21.50
1.4	64QAM	3	0	21.80	21.54	21.53
1.4	64QAM	3	1	21.81	21.48	21.60
1.4	64QAM	3	3	21.60	21.51	21.35
1.4	64QAM	6	0	20.40	20.71	20.55
1.4	256QAM	1	0	18.24	18.16	18.08
1.4	256QAM	1	3	18.29	18.12	18.17
1.4	256QAM	1	5	18.18	18.15	18.12
1.4	256QAM	3	0	18.34	18.15	18.20
1.4	256QAM	3	1	18.35	18.20	18.13
1.4	256QAM	3	3	18.32	18.20	18.24
1.4	256QAM	6	0	18.18	18.15	18.20



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	24.15	24.28	24.21
20	QPSK	1	49	24.12	24.18	24.11
20	QPSK	1	99	24.23	24.20	24.24
20	QPSK	50	0	23.26	23.34	23.30
20	QPSK	50	24	23.19	23.22	23.26
20	QPSK	50	50	23.30	23.33	23.31
20	QPSK	100	0	23.25	23.35	23.27
20	16QAM	1	0	23.46	23.50	23.50
20	16QAM	1	49	23.48	23.57	23.55
20	16QAM	1	99	23.51	23.58	23.56
20	16QAM	50	0	22.18	22.22	22.27
20	16QAM	50	24	22.33	22.35	22.32
20	16QAM	50	50	22.32	22.37	22.34
20	16QAM	100	0	22.31	22.23	22.37
20	64QAM	1	0	22.40	22.54	22.45
20	64QAM	1	49	22.42	22.57	22.49
20	64QAM	1	99	22.52	22.63	22.53
20	64QAM	50	0	22.12	22.16	22.26
20	64QAM	50	24	22.33	22.33	22.32
20	64QAM	50	50	22.36	22.36	22.36
20	64QAM	100	0	22.33	22.20	22.41
20	256QAM	1	0	18.30	18.44	18.35
20	256QAM	1	49	18.32	18.47	18.39
20	256QAM	1	99	18.42	18.53	18.43
20	256QAM	50	0	18.03	18.07	18.17
20	256QAM	50	24	18.24	18.24	18.23
20	256QAM	50	50	18.27	18.27	18.27
20	256QAM	100	0	18.24	18.11	18.32



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	24.09	24.24	24.13
15	QPSK	1	37	24.04	24.08	23.99
15	QPSK	1	74	24.11	24.15	24.18
15	QPSK	36	0	22.99	23.28	23.22
15	QPSK	36	20	23.09	23.10	23.23
15	QPSK	36	39	23.29	23.26	23.29
15	QPSK	75	0	23.13	23.21	23.15
15	16QAM	1	0	23.40	23.49	23.49
15	16QAM	1	37	23.43	23.53	23.47
15	16QAM	1	74	23.47	23.57	23.55
15	16QAM	36	0	22.08	22.19	22.20
15	16QAM	36	20	22.22	22.23	22.21
15	16QAM	36	39	22.30	22.36	22.32
15	16QAM	75	0	22.20	22.20	22.32
15	64QAM	1	0	22.36	22.44	22.35
15	64QAM	1	37	22.39	22.54	22.38
15	64QAM	1	74	22.43	22.51	22.50
15	64QAM	36	0	22.06	22.11	22.24
15	64QAM	36	20	22.21	22.28	22.21
15	64QAM	36	39	22.34	22.28	22.30
15	64QAM	75	0	22.23	22.19	22.30
15	256QAM	1	0	18.21	18.43	18.30
15	256QAM	1	37	18.31	18.42	18.32
15	256QAM	1	74	18.32	18.47	18.37
15	256QAM	36	0	18.00	18.01	18.11
15	256QAM	36	20	18.13	18.15	18.19
15	256QAM	36	39	18.21	18.15	18.20
15	256QAM	75	0	18.13	18.07	18.29



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	24.06	24.24	24.18
10	QPSK	1	25	24.10	24.12	24.01
10	QPSK	1	49	24.18	24.16	24.23
10	QPSK	25	0	23.05	23.31	23.21
10	QPSK	25	12	23.17	23.16	23.16
10	QPSK	25	25	23.26	23.30	23.22
10	QPSK	50	0	23.18	23.14	23.21
10	16QAM	1	0	23.41	23.44	23.43
10	16QAM	1	25	23.47	23.53	23.51
10	16QAM	1	49	23.43	23.52	23.45
10	16QAM	25	0	22.15	22.12	22.15
10	16QAM	25	12	22.24	22.23	22.23
10	16QAM	25	25	22.26	22.33	22.33
10	16QAM	50	0	22.28	22.21	22.34
10	64QAM	1	0	22.37	22.48	22.41
10	64QAM	1	25	22.37	22.56	22.39
10	64QAM	1	49	22.43	22.61	22.51
10	64QAM	25	0	22.00	22.12	22.24
10	64QAM	25	12	22.23	22.21	22.22
10	64QAM	25	25	22.26	22.26	22.34
10	64QAM	50	0	22.23	22.15	22.40
10	256QAM	1	0	18.29	18.43	18.32
10	256QAM	1	25	18.21	18.43	18.35
10	256QAM	1	49	18.31	18.44	18.33
10	256QAM	25	0	17.96	17.96	18.10
10	256QAM	25	12	18.20	18.12	18.11
10	256QAM	25	25	18.20	18.23	18.18
10	256QAM	50	0	18.22	18.05	18.20



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	24.05	24.23	24.10
5	QPSK	1	12	24.02	24.10	24.07
5	QPSK	1	24	24.17	24.17	24.22
5	QPSK	12	0	23.02	23.29	23.27
5	QPSK	12	7	23.07	23.11	23.25
5	QPSK	12	13	23.20	23.23	23.24
5	QPSK	25	0	23.22	23.22	23.24
5	16QAM	1	0	23.36	23.43	23.44
5	16QAM	1	12	23.41	23.56	23.45
5	16QAM	1	24	23.44	23.50	23.48
5	16QAM	12	0	22.13	22.16	22.18
5	16QAM	12	7	22.27	22.27	22.29
5	16QAM	12	13	22.31	22.31	22.32
5	16QAM	25	0	22.26	22.19	22.35
5	64QAM	1	0	22.33	22.45	22.38
5	64QAM	1	12	22.35	22.54	22.40
5	64QAM	1	24	22.40	22.55	22.52
5	64QAM	12	0	22.03	22.05	22.15
5	64QAM	12	7	22.29	22.25	22.25
5	64QAM	12	13	22.26	22.31	22.31
5	64QAM	25	0	22.23	22.15	22.36
5	256QAM	1	0	18.27	18.37	18.30
5	256QAM	1	12	18.24	18.35	18.27
5	256QAM	1	24	18.41	18.44	18.35
5	256QAM	12	0	17.96	18.06	18.06
5	256QAM	12	7	18.13	18.20	18.20
5	256QAM	12	13	18.17	18.25	18.17
5	256QAM	25	0	18.12	18.03	18.26

**ANT 4**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.52	23.54	23.47
20	QPSK	1	49	23.51	23.53	23.46
20	QPSK	1	99	23.43	23.50	23.47
20	QPSK	50	0	22.57	22.69	22.58
20	QPSK	50	24	22.61	22.55	22.53
20	QPSK	50	50	22.58	22.61	22.54
20	QPSK	100	0	22.61	22.62	22.51
20	16QAM	1	0	22.88	22.79	22.62
20	16QAM	1	49	22.76	22.85	22.80
20	16QAM	1	99	22.86	22.63	22.90
20	16QAM	50	0	21.57	21.52	21.56
20	16QAM	50	24	21.78	21.63	21.62
20	16QAM	50	50	21.65	21.68	21.70
20	16QAM	100	0	21.63	21.65	21.61
20	64QAM	1	0	21.73	21.87	21.82
20	64QAM	1	49	21.76	21.80	21.70
20	64QAM	1	99	21.86	21.74	21.56
20	64QAM	50	0	21.71	21.60	21.60
20	64QAM	50	24	21.54	21.55	21.62
20	64QAM	50	50	21.67	21.60	21.65
20	64QAM	100	0	21.59	21.62	21.61
20	256QAM	1	0	17.74	17.89	17.84
20	256QAM	1	49	17.77	17.82	17.72
20	256QAM	1	99	17.87	17.76	17.58
20	256QAM	50	0	17.72	17.62	17.62
20	256QAM	50	24	17.55	17.57	17.64
20	256QAM	50	50	17.68	17.62	17.67
20	256QAM	100	0	17.60	17.64	17.63



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	23.26	23.31	23.22
15	QPSK	1	37	23.30	23.31	23.25
15	QPSK	1	74	23.16	23.31	23.28
15	QPSK	36	0	22.35	22.41	22.30
15	QPSK	36	20	22.49	22.30	22.31
15	QPSK	36	39	22.39	22.36	22.27
15	QPSK	75	0	22.38	22.36	22.23
15	16QAM	1	0	22.54	22.43	22.26
15	16QAM	1	37	22.53	22.65	22.45
15	16QAM	1	74	22.58	22.73	22.59
15	16QAM	36	0	21.38	21.25	21.32
15	16QAM	36	20	21.44	21.24	21.24
15	16QAM	36	39	21.31	21.36	21.38
15	16QAM	75	0	21.23	21.31	21.30
15	64QAM	1	0	21.40	21.56	21.47
15	64QAM	1	37	21.40	21.40	21.35
15	64QAM	1	74	21.54	21.39	21.20
15	64QAM	36	0	21.38	21.20	21.23
15	64QAM	36	20	21.15	21.22	21.25
15	64QAM	36	39	21.33	21.28	21.27
15	64QAM	75	0	21.23	21.29	21.30
15	256QAM	1	0	17.43	17.51	17.46
15	256QAM	1	37	17.38	17.49	17.32
15	256QAM	1	74	17.51	17.36	17.23
15	256QAM	36	0	17.39	17.29	17.27
15	256QAM	36	20	17.18	17.22	17.32
15	256QAM	36	39	17.28	17.22	17.30
15	256QAM	75	0	17.32	17.40	17.38



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	23.33	23.34	23.27
10	QPSK	1	25	23.26	23.30	23.22
10	QPSK	1	49	23.17	23.31	23.21
10	QPSK	25	0	22.33	22.50	22.35
10	QPSK	25	12	22.29	22.16	22.22
10	QPSK	25	25	22.19	22.29	22.17
10	QPSK	50	0	22.22	22.28	22.15
10	16QAM	1	0	22.52	22.44	22.25
10	16QAM	1	25	22.52	22.69	22.49
10	16QAM	1	49	22.54	22.74	22.55
10	16QAM	25	0	21.31	21.30	21.33
10	16QAM	25	12	21.40	21.26	21.28
10	16QAM	25	25	21.34	21.29	21.36
10	16QAM	50	0	21.32	21.29	21.22
10	64QAM	1	0	21.33	21.48	21.50
10	64QAM	1	25	21.44	21.49	21.38
10	64QAM	1	49	21.51	21.37	21.16
10	64QAM	25	0	21.40	21.20	21.21
10	64QAM	25	12	21.16	21.22	21.26
10	64QAM	25	25	21.33	21.28	21.29
10	64QAM	50	0	21.22	21.23	21.29
10	256QAM	1	0	17.35	17.50	17.44
10	256QAM	1	25	17.45	17.48	17.35
10	256QAM	1	49	17.54	17.43	17.23
10	256QAM	25	0	17.38	17.30	17.26
10	256QAM	25	12	17.19	17.19	17.26
10	256QAM	25	25	17.32	17.30	17.32
10	256QAM	50	0	17.25	17.31	17.29



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	23.32	23.32	23.23
5	QPSK	1	12	23.23	23.25	23.27
5	QPSK	1	24	23.24	23.30	23.20
5	QPSK	12	0	22.30	22.46	22.34
5	QPSK	12	7	22.32	22.20	22.14
5	QPSK	12	13	22.25	22.25	22.14
5	QPSK	25	0	22.29	22.28	22.13
5	16QAM	1	0	22.24	22.23	22.04
5	16QAM	1	12	22.27	22.43	22.24
5	16QAM	1	24	22.32	22.43	22.28
5	16QAM	12	0	21.13	21.03	21.10
5	16QAM	12	7	21.14	21.04	21.00
5	16QAM	12	13	21.06	21.06	21.12
5	16QAM	25	0	21.00	21.02	20.98
5	64QAM	1	0	21.10	21.30	21.22
5	64QAM	1	12	21.13	21.21	21.11
5	64QAM	1	24	21.29	21.17	20.98
5	64QAM	12	0	21.39	21.29	21.27
5	64QAM	12	7	21.21	21.18	21.26
5	64QAM	12	13	21.33	21.21	21.34
5	64QAM	25	0	21.28	21.29	21.22
5	256QAM	1	0	17.43	17.51	17.51
5	256QAM	1	12	17.42	17.44	17.39
5	256QAM	1	24	17.47	17.37	17.24
5	256QAM	12	0	17.41	17.29	17.29
5	256QAM	12	7	17.17	17.17	17.29
5	256QAM	12	13	17.31	17.25	17.28
5	256QAM	25	0	17.20	17.31	17.26



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	23.23	23.33	23.19
3	QPSK	1	8	23.27	23.32	23.23
3	QPSK	1	14	23.07	23.10	23.08
3	QPSK	8	0	22.20	22.32	22.24
3	QPSK	8	4	22.28	22.22	22.21
3	QPSK	8	7	22.24	22.23	22.21
3	QPSK	15	0	22.21	22.23	22.15
3	16QAM	1	0	22.24	22.24	22.01
3	16QAM	1	8	22.28	22.42	22.24
3	16QAM	1	14	22.34	22.45	22.33
3	16QAM	8	0	21.08	21.01	21.07
3	16QAM	8	4	21.21	21.01	21.02
3	16QAM	8	7	21.01	21.07	21.13
3	16QAM	15	0	21.00	21.03	21.04
3	64QAM	1	0	21.18	21.26	21.26
3	64QAM	1	8	21.18	21.20	21.07
3	64QAM	1	14	21.30	21.15	20.92
3	64QAM	8	0	21.35	21.20	21.20
3	64QAM	8	4	21.19	21.18	21.22
3	64QAM	8	7	21.28	21.22	21.31
3	64QAM	15	0	21.22	21.24	21.28
3	256QAM	1	0	17.37	17.49	17.53
3	256QAM	1	8	17.44	17.48	17.39
3	256QAM	1	14	17.52	17.42	17.23
3	256QAM	8	0	17.36	17.27	17.23
3	256QAM	8	4	17.16	17.24	17.25
3	256QAM	8	7	17.36	17.31	17.28
3	256QAM	15	0	17.20	17.29	17.24



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.23	23.31	23.20
1.4	QPSK	1	3	23.23	23.26	23.19
1.4	QPSK	1	5	23.07	23.18	23.12
1.4	QPSK	3	0	23.21	23.16	23.21
1.4	QPSK	3	1	23.20	23.20	23.18
1.4	QPSK	3	3	23.18	23.22	23.22
1.4	QPSK	6	0	22.22	22.22	22.11
1.4	16QAM	1	0	22.25	22.22	21.99
1.4	16QAM	1	3	22.34	22.42	22.25
1.4	16QAM	1	5	22.29	22.45	22.35
1.4	16QAM	3	0	22.07	22.07	22.10
1.4	16QAM	3	1	22.22	22.01	21.98
1.4	16QAM	3	3	22.04	22.11	22.06
1.4	16QAM	6	0	21.02	21.01	20.98
1.4	64QAM	1	0	21.09	21.24	21.27
1.4	64QAM	1	3	21.19	21.21	21.13
1.4	64QAM	1	5	21.25	21.19	20.97
1.4	64QAM	3	0	21.09	21.02	21.05
1.4	64QAM	3	1	20.96	21.00	21.06
1.4	64QAM	3	3	21.06	20.99	21.06
1.4	64QAM	6	0	21.20	21.22	21.23
1.4	256QAM	1	0	17.41	17.51	17.49
1.4	256QAM	1	3	17.45	17.50	17.35
1.4	256QAM	1	5	17.50	17.44	17.20
1.4	256QAM	3	0	17.35	17.31	17.27
1.4	256QAM	3	1	17.17	17.18	17.27
1.4	256QAM	3	3	17.31	17.28	17.32
1.4	256QAM	6	0	17.24	17.33	17.31



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.52	23.56	23.55
20	QPSK	1	49	23.46	23.47	23.48
20	QPSK	1	99	23.38	23.40	23.43
20	QPSK	50	0	22.57	22.63	22.50
20	QPSK	50	24	22.55	22.58	22.59
20	QPSK	50	50	22.52	22.55	22.61
20	QPSK	100	0	22.49	22.58	22.53
20	16QAM	1	0	22.22	22.47	22.53
20	16QAM	1	49	22.47	22.53	22.38
20	16QAM	1	99	22.54	22.53	22.64
20	16QAM	50	0	21.60	21.56	21.61
20	16QAM	50	24	21.63	21.52	21.56
20	16QAM	50	50	21.68	21.54	21.55
20	16QAM	100	0	21.60	21.59	21.57
20	64QAM	1	0	21.72	21.66	21.70
20	64QAM	1	49	21.52	21.54	21.70
20	64QAM	1	99	21.62	21.63	21.74
20	64QAM	50	0	21.54	21.51	21.52
20	64QAM	50	24	21.53	21.55	21.68
20	64QAM	50	50	21.57	21.54	21.72
20	64QAM	100	0	21.55	21.52	21.63
20	256QAM	1	0	17.75	17.69	17.73
20	256QAM	1	49	17.55	17.57	17.73
20	256QAM	1	99	17.65	17.66	17.77
20	256QAM	50	0	17.57	17.54	17.55
20	256QAM	50	24	17.56	17.58	17.71
20	256QAM	50	50	17.60	17.57	17.75
20	256QAM	100	0	17.58	17.55	17.66



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	23.43	23.44	23.41
15	QPSK	1	37	23.36	23.32	23.41
15	QPSK	1	74	23.27	23.30	23.34
15	QPSK	36	0	22.43	22.52	22.43
15	QPSK	36	20	22.47	22.47	22.50
15	QPSK	36	39	22.41	22.41	22.49
15	QPSK	75	0	22.36	22.49	22.43
15	16QAM	1	0	22.56	22.75	22.38
15	16QAM	1	37	22.84	22.79	22.79
15	16QAM	1	74	22.46	22.47	22.53
15	16QAM	36	0	21.47	21.50	21.53
15	16QAM	36	20	21.51	21.46	21.50
15	16QAM	36	39	21.56	21.40	21.49
15	16QAM	75	0	21.52	21.53	21.50
15	64QAM	1	0	21.60	21.59	21.55
15	64QAM	1	37	21.57	21.60	21.59
15	64QAM	1	74	21.47	21.53	21.68
15	64QAM	36	0	21.48	21.43	21.45
15	64QAM	36	20	21.43	21.40	21.56
15	64QAM	36	39	21.42	21.45	21.61
15	64QAM	75	0	21.45	21.38	21.56
15	256QAM	1	0	17.68	17.54	17.60
15	256QAM	1	37	17.45	17.43	17.67
15	256QAM	1	74	17.59	17.55	17.63
15	256QAM	36	0	17.50	17.41	17.41
15	256QAM	36	20	17.43	17.49	17.65
15	256QAM	36	39	17.51	17.44	17.60
15	256QAM	75	0	17.44	17.49	17.59



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	23.40	23.49	23.44
10	QPSK	1	25	23.34	23.36	23.36
10	QPSK	1	49	23.29	23.26	23.29
10	QPSK	25	0	22.44	22.55	22.37
10	QPSK	25	12	22.42	22.50	22.51
10	QPSK	25	25	22.41	22.47	22.54
10	QPSK	50	0	22.36	22.44	22.46
10	16QAM	1	0	22.57	22.80	22.47
10	16QAM	1	25	22.78	22.86	22.74
10	16QAM	1	49	22.62	22.46	22.54
10	16QAM	25	0	21.51	21.44	21.52
10	16QAM	25	12	21.57	21.37	21.45
10	16QAM	25	25	21.58	21.47	21.44
10	16QAM	50	0	21.54	21.47	21.48
10	64QAM	1	0	21.57	21.53	21.61
10	64QAM	1	25	21.46	21.47	21.64
10	64QAM	1	49	21.52	21.49	21.64
10	64QAM	25	0	21.46	21.43	21.45
10	64QAM	25	12	21.45	21.43	21.60
10	64QAM	25	25	21.46	21.42	21.57
10	64QAM	50	0	21.40	21.39	21.54
10	256QAM	1	0	17.68	17.63	17.58
10	256QAM	1	25	17.47	17.47	17.62
10	256QAM	1	49	17.52	17.60	17.63
10	256QAM	25	0	17.47	17.45	17.42
10	256QAM	25	12	17.50	17.48	17.57
10	256QAM	25	25	17.49	17.48	17.62
10	256QAM	50	0	17.50	17.48	17.51



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	23.39	23.45	23.42
5	QPSK	1	12	23.37	23.33	23.34
5	QPSK	1	24	23.30	23.30	23.30
5	QPSK	12	0	22.48	22.57	22.35
5	QPSK	12	7	22.42	22.52	22.44
5	QPSK	12	13	22.38	22.40	22.47
5	QPSK	25	0	22.39	22.50	22.39
5	16QAM	1	0	22.54	22.87	22.45
5	16QAM	1	12	22.84	22.88	22.73
5	16QAM	1	24	22.46	22.39	22.54
5	16QAM	12	0	21.46	21.48	21.51
5	16QAM	12	7	21.48	21.39	21.45
5	16QAM	12	13	21.60	21.47	21.41
5	16QAM	25	0	21.48	21.48	21.42
5	64QAM	1	0	21.66	21.60	21.58
5	64QAM	1	12	21.57	21.61	21.61
5	64QAM	1	24	21.56	21.52	21.67
5	64QAM	12	0	21.39	21.40	21.44
5	64QAM	12	7	21.46	21.47	21.57
5	64QAM	12	13	21.45	21.43	21.66
5	64QAM	25	0	21.40	21.39	21.57
5	256QAM	1	0	17.68	17.62	17.61
5	256QAM	1	12	17.47	17.51	17.65
5	256QAM	1	24	17.51	17.54	17.66
5	256QAM	12	0	17.50	17.44	17.46
5	256QAM	12	7	17.44	17.45	17.61
5	256QAM	12	13	17.52	17.48	17.68
5	256QAM	25	0	17.44	17.41	17.55



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.39	23.48	23.42
3	QPSK	1	8	23.40	23.33	23.42
3	QPSK	1	14	23.26	23.31	23.34
3	QPSK	8	0	22.43	22.53	22.42
3	QPSK	8	4	22.43	22.51	22.51
3	QPSK	8	7	22.38	22.48	22.46
3	QPSK	15	0	22.36	22.48	22.44
3	16QAM	1	0	22.54	22.81	22.43
3	16QAM	1	8	22.80	22.89	22.74
3	16QAM	1	14	22.42	22.42	22.56
3	16QAM	8	0	21.50	21.43	21.51
3	16QAM	8	4	21.52	21.45	21.47
3	16QAM	8	7	21.60	21.42	21.44
3	16QAM	15	0	21.48	21.47	21.48
3	64QAM	1	0	21.61	21.57	21.55
3	64QAM	1	8	21.60	21.60	21.60
3	64QAM	1	14	21.53	21.49	21.61
3	64QAM	8	0	21.43	21.41	21.43
3	64QAM	8	4	21.38	21.41	21.58
3	64QAM	8	7	21.49	21.43	21.62
3	64QAM	15	0	21.49	21.44	21.48
3	256QAM	1	0	17.61	17.63	17.61
3	256QAM	1	8	17.42	17.49	17.66
3	256QAM	1	14	17.50	17.58	17.63
3	256QAM	8	0	17.44	17.39	17.41
3	256QAM	8	4	17.41	17.50	17.63
3	256QAM	8	7	17.46	17.48	17.67
3	256QAM	15	0	17.48	17.45	17.60



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	23.41	23.42	23.42
1.4	QPSK	1	3	23.35	23.32	23.40
1.4	QPSK	1	5	23.31	23.34	23.29
1.4	QPSK	3	0	23.48	23.55	23.40
1.4	QPSK	3	1	23.43	23.48	23.51
1.4	QPSK	3	3	23.46	23.46	23.46
1.4	QPSK	6	0	22.34	22.44	22.39
1.4	16QAM	1	0	22.60	22.80	22.46
1.4	16QAM	1	3	22.82	22.89	22.77
1.4	16QAM	1	5	22.40	22.43	22.53
1.4	16QAM	3	0	22.52	22.50	22.46
1.4	16QAM	3	1	22.56	22.40	22.45
1.4	16QAM	3	3	22.53	22.48	22.45
1.4	16QAM	6	0	21.54	21.49	21.51
1.4	64QAM	1	0	21.57	21.54	21.57
1.4	64QAM	1	3	21.46	21.41	21.62
1.4	64QAM	1	5	21.54	21.50	21.68
1.4	64QAM	3	0	21.40	21.40	21.46
1.4	64QAM	3	1	21.38	21.40	21.58
1.4	64QAM	3	3	21.44	21.47	21.58
1.4	64QAM	6	0	21.45	21.46	21.56
1.4	256QAM	1	0	17.68	17.56	17.62
1.4	256QAM	1	3	17.42	17.43	17.60
1.4	256QAM	1	5	17.55	17.55	17.64
1.4	256QAM	3	0	17.44	17.45	17.47
1.4	256QAM	3	1	17.42	17.52	17.65
1.4	256QAM	3	3	17.52	17.50	17.63
1.4	256QAM	6	0	17.51	17.43	17.51



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	23.61	23.67	23.63
20	QPSK	1	49	23.53	23.60	23.65
20	QPSK	1	99	23.64	23.65	23.66
20	QPSK	50	0	22.74	22.87	22.86
20	QPSK	50	24	22.81	22.86	22.85
20	QPSK	50	50	22.84	22.83	22.85
20	QPSK	100	0	22.89	22.90	22.82
20	16QAM	1	0	22.75	22.69	22.74
20	16QAM	1	49	22.82	22.81	22.73
20	16QAM	1	99	22.83	22.88	22.84
20	16QAM	50	0	21.73	21.88	21.94
20	16QAM	50	24	21.77	21.82	21.74
20	16QAM	50	50	21.76	21.87	21.72
20	16QAM	100	0	21.75	21.80	21.85
20	64QAM	1	0	21.78	21.82	21.86
20	64QAM	1	49	21.82	21.88	21.63
20	64QAM	1	99	21.77	21.64	21.54
20	64QAM	50	0	21.74	21.78	21.82
20	64QAM	50	24	21.74	21.87	21.66
20	64QAM	50	50	21.71	21.86	21.80
20	64QAM	100	0	21.79	21.78	21.68
20	256QAM	1	0	17.82	17.86	17.90
20	256QAM	1	49	17.86	17.92	17.67
20	256QAM	1	99	17.81	17.68	17.58
20	256QAM	50	0	17.78	17.82	17.86
20	256QAM	50	24	17.78	17.91	17.70
20	256QAM	50	50	17.75	17.90	17.84
20	256QAM	100	0	17.83	17.82	17.72



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	23.55	23.65	23.59
15	QPSK	1	37	23.45	23.52	23.57
15	QPSK	1	74	23.57	23.62	23.64
15	QPSK	36	0	22.71	22.86	22.78
15	QPSK	36	20	22.71	22.84	22.79
15	QPSK	36	39	22.78	22.82	22.83
15	QPSK	75	0	22.81	22.78	22.73
15	16QAM	1	0	22.71	22.68	22.66
15	16QAM	1	37	22.77	22.72	22.72
15	16QAM	1	74	22.80	22.87	22.74
15	16QAM	36	0	21.66	21.86	21.93
15	16QAM	36	20	21.74	21.73	21.69
15	16QAM	36	39	21.72	21.86	21.65
15	16QAM	75	0	21.73	21.79	21.84
15	64QAM	1	0	21.74	21.72	21.84
15	64QAM	1	37	21.73	21.83	21.59
15	64QAM	1	74	21.69	21.59	21.52
15	64QAM	36	0	21.64	21.70	21.73
15	64QAM	36	20	21.69	21.83	21.63
15	64QAM	36	39	21.61	21.82	21.79
15	64QAM	75	0	21.78	21.70	21.66
15	256QAM	1	0	17.79	17.81	17.84
15	256QAM	1	37	17.82	17.83	17.59
15	256QAM	1	74	17.76	17.61	17.54
15	256QAM	36	0	17.70	17.77	17.80
15	256QAM	36	20	17.76	17.87	17.67
15	256QAM	36	39	17.73	17.83	17.82
15	256QAM	75	0	17.82	17.80	17.71



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	23.49	23.62	23.60
10	QPSK	1	25	23.49	23.58	23.55
10	QPSK	1	49	23.56	23.56	23.59
10	QPSK	25	0	22.66	22.85	22.76
10	QPSK	25	12	22.76	22.82	22.80
10	QPSK	25	25	22.79	22.73	22.84
10	QPSK	50	0	22.88	22.85	22.80
10	16QAM	1	0	22.67	22.65	22.66
10	16QAM	1	25	22.78	22.79	22.63
10	16QAM	1	49	22.77	22.79	22.82
10	16QAM	25	0	21.71	21.79	21.92
10	16QAM	25	12	21.74	21.79	21.64
10	16QAM	25	25	21.73	21.79	21.66
10	16QAM	50	0	21.70	21.79	21.84
10	64QAM	1	0	21.77	21.80	21.85
10	64QAM	1	25	21.73	21.83	21.60
10	64QAM	1	49	21.73	21.54	21.46
10	64QAM	25	0	21.65	21.72	21.77
10	64QAM	25	12	21.70	21.86	21.64
10	64QAM	25	25	21.68	21.76	21.74
10	64QAM	50	0	21.72	21.77	21.60
10	256QAM	1	0	17.72	17.76	17.83
10	256QAM	1	25	17.79	17.91	17.62
10	256QAM	1	49	17.75	17.66	17.56
10	256QAM	25	0	17.77	17.80	17.80
10	256QAM	25	12	17.75	17.84	17.63
10	256QAM	25	25	17.69	17.82	17.78
10	256QAM	50	0	17.75	17.72	17.64



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	23.55	23.66	23.53
5	QPSK	1	12	23.50	23.56	23.62
5	QPSK	1	24	23.58	23.61	23.60
5	QPSK	12	0	22.71	22.83	22.79
5	QPSK	12	7	22.80	22.84	22.79
5	QPSK	12	13	22.76	22.79	22.82
5	QPSK	25	0	22.81	22.84	22.74
5	16QAM	1	0	22.74	22.60	22.67
5	16QAM	1	12	22.79	22.76	22.67
5	16QAM	1	24	22.75	22.86	22.80
5	16QAM	12	0	21.71	21.78	21.86
5	16QAM	12	7	21.69	21.78	21.68
5	16QAM	12	13	21.68	21.78	21.65
5	16QAM	25	0	21.66	21.70	21.79
5	64QAM	1	0	21.70	21.77	21.79
5	64QAM	1	12	21.77	21.86	21.54
5	64QAM	1	24	21.73	21.62	21.46
5	64QAM	12	0	21.70	21.70	21.76
5	64QAM	12	7	21.64	21.81	21.56
5	64QAM	12	13	21.70	21.81	21.70
5	64QAM	25	0	21.69	21.73	21.60
5	256QAM	1	0	17.79	17.85	17.80
5	256QAM	1	12	17.81	17.84	17.61
5	256QAM	1	24	17.77	17.67	17.50
5	256QAM	12	0	17.73	17.74	17.80
5	256QAM	12	7	17.69	17.81	17.63
5	256QAM	12	13	17.71	17.89	17.77
5	256QAM	25	0	17.82	17.78	17.70



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	23.56	23.62	23.54
20	QPSK	1	49	23.43	23.40	23.37
20	QPSK	1	99	23.41	23.32	23.30
20	QPSK	50	0	22.58	22.59	22.56
20	QPSK	50	24	22.55	22.51	22.53
20	QPSK	50	50	22.54	22.45	22.47
20	QPSK	100	0	22.53	22.59	22.53
20	16QAM	1	0	22.46	22.46	22.48
20	16QAM	1	49	22.55	22.52	22.51
20	16QAM	1	99	22.37	22.49	22.50
20	16QAM	50	0	21.58	21.43	21.44
20	16QAM	50	24	21.48	21.47	21.37
20	16QAM	50	50	21.43	21.41	21.42
20	16QAM	100	0	21.42	21.51	21.41
20	64QAM	1	0	21.49	21.50	21.43
20	64QAM	1	49	21.44	21.46	21.53
20	64QAM	1	99	21.51	21.48	21.46
20	64QAM	50	0	21.47	21.42	21.45
20	64QAM	50	24	21.47	21.53	21.44
20	64QAM	50	50	21.38	21.44	21.38
20	64QAM	100	0	21.53	21.52	21.32
20	256QAM	1	0	17.56	17.57	17.50
20	256QAM	1	49	17.51	17.53	17.60
20	256QAM	1	99	17.58	17.55	17.53
20	256QAM	50	0	17.54	17.49	17.52
20	256QAM	50	24	17.54	17.60	17.51
20	256QAM	50	50	17.45	17.51	17.45
20	256QAM	100	0	17.60	17.59	17.39



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	23.42	23.41	23.39
15	QPSK	1	37	23.35	23.36	23.33
15	QPSK	1	74	23.36	23.26	23.20
15	QPSK	36	0	22.59	22.35	22.46
15	QPSK	36	20	22.50	22.43	22.51
15	QPSK	36	39	22.44	22.39	22.46
15	QPSK	75	0	22.44	22.44	22.49
15	16QAM	1	0	22.41	22.35	22.36
15	16QAM	1	37	22.50	22.40	22.44
15	16QAM	1	74	22.32	22.46	22.39
15	16QAM	36	0	21.52	21.42	21.37
15	16QAM	36	20	21.38	21.36	21.36
15	16QAM	36	39	21.35	21.37	21.38
15	16QAM	75	0	21.36	21.49	21.39
15	64QAM	1	0	21.37	21.40	21.36
15	64QAM	1	37	21.38	21.34	21.50
15	64QAM	1	74	21.39	21.43	21.41
15	64QAM	36	0	21.43	21.38	21.37
15	64QAM	36	20	21.42	21.43	21.43
15	64QAM	36	39	21.31	21.40	21.34
15	64QAM	75	0	21.50	21.47	21.22
15	256QAM	1	0	17.49	17.53	17.46
15	256QAM	1	37	17.45	17.43	17.57
15	256QAM	1	74	17.56	17.48	17.43
15	256QAM	36	0	17.47	17.48	17.47
15	256QAM	36	20	17.46	17.54	17.43
15	256QAM	36	39	17.43	17.49	17.34
15	256QAM	75	0	17.53	17.51	17.38



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	23.41	23.39	23.39
10	QPSK	1	25	23.39	23.31	23.28
10	QPSK	1	49	23.39	23.22	23.27
10	QPSK	25	0	22.58	22.36	22.37
10	QPSK	25	12	22.52	22.41	22.45
10	QPSK	25	25	22.45	22.41	22.42
10	QPSK	50	0	22.45	22.49	22.51
10	16QAM	1	0	22.36	22.35	22.47
10	16QAM	1	25	22.43	22.49	22.40
10	16QAM	1	49	22.36	22.40	22.40
10	16QAM	25	0	21.52	21.41	21.38
10	16QAM	25	12	21.36	21.42	21.29
10	16QAM	25	25	21.39	21.38	21.30
10	16QAM	50	0	21.39	21.43	21.32
10	64QAM	1	0	21.39	21.43	21.34
10	64QAM	1	25	21.33	21.36	21.42
10	64QAM	1	49	21.45	21.37	21.41
10	64QAM	25	0	21.40	21.33	21.33
10	64QAM	25	12	21.35	21.50	21.38
10	64QAM	25	25	21.34	21.35	21.32
10	64QAM	50	0	21.49	21.41	21.30
10	256QAM	1	0	17.50	17.50	17.38
10	256QAM	1	25	17.47	17.43	17.55
10	256QAM	1	49	17.56	17.53	17.52
10	256QAM	25	0	17.50	17.48	17.40
10	256QAM	25	12	17.49	17.51	17.45
10	256QAM	25	25	17.42	17.50	17.33
10	256QAM	50	0	17.56	17.51	17.32



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	23.38	23.41	23.38
5	QPSK	1	12	23.32	23.28	23.29
5	QPSK	1	24	23.34	23.23	23.24
5	QPSK	12	0	22.58	22.34	22.44
5	QPSK	12	7	22.51	22.45	22.43
5	QPSK	12	13	22.50	22.35	22.39
5	QPSK	25	0	22.52	22.40	22.42
5	16QAM	1	0	22.35	22.38	22.39
5	16QAM	1	12	22.49	22.51	22.49
5	16QAM	1	24	22.31	22.38	22.43
5	16QAM	12	0	21.56	21.32	21.32
5	16QAM	12	7	21.38	21.42	21.25
5	16QAM	12	13	21.35	21.31	21.36
5	16QAM	25	0	21.38	21.41	21.30
5	64QAM	1	0	21.39	21.44	21.42
5	64QAM	1	12	21.40	21.37	21.50
5	64QAM	1	24	21.49	21.39	21.36
5	64QAM	12	0	21.43	21.35	21.37
5	64QAM	12	7	21.42	21.41	21.40
5	64QAM	12	13	21.36	21.38	21.32
5	64QAM	25	0	21.47	21.44	21.24
5	256QAM	1	0	17.49	17.49	17.47
5	256QAM	1	12	17.44	17.52	17.54
5	256QAM	1	24	17.47	17.52	17.50
5	256QAM	12	0	17.42	17.38	17.46
5	256QAM	12	7	17.50	17.53	17.39
5	256QAM	12	13	17.34	17.48	17.43
5	256QAM	25	0	17.57	17.51	17.31



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	23.41	23.42	23.30
3	QPSK	1	8	23.31	23.33	23.31
3	QPSK	1	14	23.35	23.30	23.28
3	QPSK	8	0	22.53	22.37	22.37
3	QPSK	8	4	22.44	22.46	22.47
3	QPSK	8	7	22.46	22.33	22.40
3	QPSK	15	0	22.46	22.40	22.52
3	16QAM	1	0	22.42	22.42	22.47
3	16QAM	1	8	22.53	22.46	22.46
3	16QAM	1	14	22.29	22.45	22.47
3	16QAM	8	0	21.47	21.41	21.39
3	16QAM	8	4	21.42	21.45	21.26
3	16QAM	8	7	21.31	21.29	21.41
3	16QAM	15	0	21.33	21.45	21.32
3	64QAM	1	0	21.38	21.43	21.40
3	64QAM	1	8	21.43	21.40	21.49
3	64QAM	1	14	21.49	21.42	21.36
3	64QAM	8	0	21.42	21.36	21.43
3	64QAM	8	4	21.44	21.50	21.41
3	64QAM	8	7	21.35	21.34	21.34
3	64QAM	15	0	21.52	21.46	21.28
3	256QAM	1	0	17.52	17.53	17.39
3	256QAM	1	8	17.42	17.43	17.48
3	256QAM	1	14	17.50	17.46	17.45
3	256QAM	8	0	17.43	17.48	17.41
3	256QAM	8	4	17.42	17.54	17.46
3	256QAM	8	7	17.42	17.49	17.33
3	256QAM	15	0	17.50	17.56	17.29



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	23.44	23.37	23.33
1.4	QPSK	1	3	23.33	23.36	23.32
1.4	QPSK	1	5	23.32	23.22	23.29
1.4	QPSK	3	0	23.51	23.36	23.46
1.4	QPSK	3	1	23.47	23.45	23.41
1.4	QPSK	3	3	23.44	23.35	23.42
1.4	QPSK	6	0	22.49	22.41	22.42
1.4	16QAM	1	0	22.34	22.43	22.37
1.4	16QAM	1	3	22.51	22.46	22.40
1.4	16QAM	1	5	22.25	22.42	22.49
1.4	16QAM	3	0	22.46	22.34	22.42
1.4	16QAM	3	1	22.45	22.46	22.30
1.4	16QAM	3	3	22.40	22.34	22.35
1.4	16QAM	6	0	21.30	21.41	21.31
1.4	64QAM	1	0	21.46	21.43	21.38
1.4	64QAM	1	3	21.37	21.40	21.48
1.4	64QAM	1	5	21.48	21.44	21.34
1.4	64QAM	3	0	21.41	21.39	21.35
1.4	64QAM	3	1	21.38	21.45	21.37
1.4	64QAM	3	3	21.31	21.36	21.29
1.4	64QAM	6	0	21.45	21.47	21.22
1.4	256QAM	1	0	17.45	17.52	17.39
1.4	256QAM	1	3	17.40	17.47	17.54
1.4	256QAM	1	5	17.53	17.51	17.51
1.4	256QAM	3	0	17.53	17.48	17.50
1.4	256QAM	3	1	17.48	17.58	17.41
1.4	256QAM	3	3	17.42	17.39	17.40
1.4	256QAM	6	0	17.52	17.50	17.35



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.58	/
10	QPSK	1	25	/	23.46	/
10	QPSK	1	49	/	23.46	/
10	QPSK	25	0	/	22.59	/
10	QPSK	25	12	/	22.55	/
10	QPSK	25	25	/	22.54	/
10	QPSK	50	0	/	22.56	/
10	16QAM	1	0	/	22.75	/
10	16QAM	1	25	/	22.72	/
10	16QAM	1	49	/	22.79	/
10	16QAM	25	0	/	21.61	/
10	16QAM	25	12	/	21.56	/
10	16QAM	25	25	/	21.57	/
10	16QAM	50	0	/	21.54	/
10	64QAM	1	0	/	21.81	/
10	64QAM	1	25	/	21.55	/
10	64QAM	1	49	/	21.71	/
10	64QAM	25	0	/	21.65	/
10	64QAM	25	12	/	21.60	/
10	64QAM	25	25	/	21.55	/
10	64QAM	50	0	/	21.57	/
10	256QAM	1	0	/	18.50	/
10	256QAM	1	25	/	18.24	/
10	256QAM	1	49	/	18.40	/
10	256QAM	25	0	/	18.33	/
10	256QAM	25	12	/	18.28	/
10	256QAM	25	25	/	18.23	/
10	256QAM	50	0	/	18.25	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.47	23.57	23.46
5	QPSK	1	12	23.38	23.38	23.41
5	QPSK	1	24	23.42	23.36	23.43
5	QPSK	12	0	22.48	22.57	22.49
5	QPSK	12	7	22.54	22.47	22.49
5	QPSK	12	13	22.52	22.48	22.51
5	QPSK	25	0	22.40	22.47	22.50
5	16QAM	1	0	22.73	22.67	22.73
5	16QAM	1	12	22.68	22.64	22.68
5	16QAM	1	24	22.71	22.72	22.77
5	16QAM	12	0	21.53	21.52	21.60
5	16QAM	12	7	21.49	21.49	21.53
5	16QAM	12	13	21.48	21.56	21.46
5	16QAM	25	0	21.46	21.48	21.47
5	64QAM	1	0	21.75	21.77	21.71
5	64QAM	1	12	21.49	21.44	21.53
5	64QAM	1	24	21.70	21.65	21.66
5	64QAM	12	0	21.63	21.56	21.55
5	64QAM	12	7	21.59	21.57	21.59
5	64QAM	12	13	21.52	21.50	21.43
5	64QAM	25	0	21.53	21.45	21.47
5	256QAM	1	0	18.41	18.47	18.39
5	256QAM	1	12	18.22	18.21	18.20
5	256QAM	1	24	18.37	18.35	18.33
5	256QAM	12	0	18.21	18.27	18.23
5	256QAM	12	7	18.21	18.22	18.24
5	256QAM	12	13	18.11	18.12	18.16
5	256QAM	25	0	18.15	18.17	18.23



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	23.65	23.69	23.67
20	QPSK	1	49	23.52	23.65	23.49
20	QPSK	1	99	23.64	23.61	23.43
20	QPSK	50	0	22.64	22.71	22.66
20	QPSK	50	24	22.67	22.68	22.54
20	QPSK	50	50	22.64	22.57	22.50
20	QPSK	100	0	22.67	22.70	22.57
20	16QAM	1	0	22.77	22.78	22.66
20	16QAM	1	49	22.67	22.70	22.74
20	16QAM	1	99	22.59	22.63	22.60
20	16QAM	50	0	21.64	21.71	21.52
20	16QAM	50	24	21.72	21.67	21.69
20	16QAM	50	50	21.54	21.59	21.52
20	16QAM	100	0	21.63	21.64	21.58
20	64QAM	1	0	21.68	21.75	21.66
20	64QAM	1	49	21.50	21.58	21.61
20	64QAM	1	99	21.57	21.59	21.60
20	64QAM	50	0	21.56	21.61	21.56
20	64QAM	50	24	21.60	21.56	21.52
20	64QAM	50	50	21.47	21.54	21.41
20	64QAM	100	0	21.39	21.57	21.43
20	256QAM	1	0	17.71	17.78	17.69
20	256QAM	1	49	17.53	17.61	17.64
20	256QAM	1	99	17.60	17.62	17.63
20	256QAM	50	0	17.59	17.64	17.59
20	256QAM	50	24	17.63	17.59	17.55
20	256QAM	50	50	17.50	17.57	17.44
20	256QAM	100	0	17.42	17.60	17.46



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	23.40	23.65	23.56
15	QPSK	1	37	23.48	23.62	23.41
15	QPSK	1	74	23.55	23.51	23.40
15	QPSK	36	0	22.66	22.74	22.63
15	QPSK	36	20	22.75	22.71	22.59
15	QPSK	36	39	22.74	22.61	22.59
15	QPSK	75	0	22.61	22.53	22.55
15	16QAM	1	0	22.76	22.74	22.59
15	16QAM	1	37	22.60	22.63	22.66
15	16QAM	1	74	22.56	22.56	22.53
15	16QAM	36	0	21.63	21.69	21.45
15	16QAM	36	20	21.62	21.64	21.66
15	16QAM	36	39	21.50	21.57	21.50
15	16QAM	75	0	21.59	21.55	21.49
15	64QAM	1	0	21.62	21.65	21.57
15	64QAM	1	37	21.42	21.56	21.59
15	64QAM	1	74	21.56	21.52	21.56
15	64QAM	36	0	21.46	21.54	21.46
15	64QAM	36	20	21.56	21.46	21.44
15	64QAM	36	39	21.45	21.52	21.36
15	64QAM	75	0	21.33	21.56	21.42
15	256QAM	1	0	17.69	17.73	17.61
15	256QAM	1	37	17.46	17.51	17.58
15	256QAM	1	74	17.68	17.66	17.71
15	256QAM	36	0	17.65	17.76	17.68
15	256QAM	36	20	17.67	17.62	17.62
15	256QAM	36	39	17.53	17.64	17.51
15	256QAM	75	0	17.54	17.72	17.54



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	23.47	23.64	23.52
10	QPSK	1	25	23.49	23.63	23.44
10	QPSK	1	49	23.60	23.53	23.45
10	QPSK	25	0	22.69	22.80	22.66
10	QPSK	25	12	22.76	22.76	22.58
10	QPSK	25	25	22.73	22.61	22.55
10	QPSK	50	0	22.71	22.71	22.66
10	16QAM	1	0	22.71	22.73	22.65
10	16QAM	1	25	22.64	22.64	22.70
10	16QAM	1	49	22.56	22.60	22.59
10	16QAM	25	0	21.58	21.67	21.47
10	16QAM	25	12	21.65	21.64	21.66
10	16QAM	25	25	21.44	21.55	21.43
10	16QAM	50	0	21.57	21.58	21.52
10	64QAM	1	0	21.65	21.74	21.62
10	64QAM	1	25	21.49	21.50	21.60
10	64QAM	1	49	21.55	21.55	21.58
10	64QAM	25	0	21.50	21.58	21.54
10	64QAM	25	12	21.59	21.54	21.48
10	64QAM	25	25	21.37	21.46	21.33
10	64QAM	50	0	21.38	21.54	21.42
10	256QAM	1	0	17.65	17.70	17.63
10	256QAM	1	25	17.45	17.59	17.61
10	256QAM	1	49	17.51	17.60	17.53
10	256QAM	25	0	17.51	17.56	17.55
10	256QAM	25	12	17.69	17.65	17.64
10	256QAM	25	25	17.60	17.69	17.54
10	256QAM	50	0	17.53	17.72	17.53



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	23.39	23.64	23.57
5	QPSK	1	12	23.46	23.63	23.45
5	QPSK	1	24	23.55	23.56	23.40
5	QPSK	12	0	22.67	22.77	22.68
5	QPSK	12	7	22.65	22.60	22.52
5	QPSK	12	13	22.56	22.55	22.40
5	QPSK	25	0	22.66	22.60	22.53
5	16QAM	1	0	22.74	22.77	22.61
5	16QAM	1	12	22.66	22.68	22.69
5	16QAM	1	24	22.58	22.53	22.50
5	16QAM	12	0	21.59	21.63	21.48
5	16QAM	12	7	21.68	21.64	21.65
5	16QAM	12	13	21.51	21.54	21.49
5	16QAM	25	0	21.54	21.57	21.53
5	64QAM	1	0	21.65	21.73	21.62
5	64QAM	1	12	21.46	21.52	21.56
5	64QAM	1	24	21.53	21.55	21.59
5	64QAM	12	0	21.47	21.56	21.55
5	64QAM	12	7	21.59	21.52	21.51
5	64QAM	12	13	21.40	21.47	21.35
5	64QAM	25	0	21.31	21.47	21.35
5	256QAM	1	0	17.64	17.68	17.63
5	256QAM	1	12	17.50	17.56	17.63
5	256QAM	1	24	17.52	17.54	17.54
5	256QAM	12	0	17.51	17.54	17.51
5	256QAM	12	7	17.68	17.70	17.62
5	256QAM	12	13	17.62	17.65	17.49
5	256QAM	25	0	17.52	17.70	17.57



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.48	25.54	25.37
20	QPSK	1	49	25.39	25.29	25.27
20	QPSK	1	99	25.48	25.44	25.26
20	QPSK	50	0	24.71	24.72	24.45
20	QPSK	50	24	24.67	24.58	24.40
20	QPSK	50	50	24.69	24.54	24.27
20	QPSK	100	0	24.68	24.59	24.37
20	16QAM	1	0	24.76	24.72	24.67
20	16QAM	1	49	24.69	24.66	24.62
20	16QAM	1	99	24.62	24.71	24.59
20	16QAM	50	0	23.77	23.59	23.44
20	16QAM	50	24	23.71	23.62	23.47
20	16QAM	50	50	23.68	23.47	23.43
20	16QAM	100	0	23.59	23.62	23.57
20	64QAM	1	0	23.67	23.65	23.59
20	64QAM	1	49	23.66	23.56	23.49
20	64QAM	1	99	23.60	23.60	23.54
20	64QAM	50	0	23.72	23.53	23.30
20	64QAM	50	24	23.62	23.56	23.48
20	64QAM	50	50	23.49	23.51	23.42
20	64QAM	100	0	23.68	23.67	23.57
20	256QAM	1	0	19.43	19.41	19.35
20	256QAM	1	49	19.42	19.32	19.25
20	256QAM	1	99	19.36	19.36	19.30
20	256QAM	50	0	19.48	19.29	19.06
20	256QAM	50	24	19.38	19.32	19.24
20	256QAM	50	50	19.25	19.27	19.18
20	256QAM	100	0	19.44	19.43	19.33



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.43	25.53	25.28
15	QPSK	1	37	25.38	25.27	25.28
15	QPSK	1	74	25.39	25.34	25.25
15	QPSK	36	0	24.60	24.68	24.44
15	QPSK	36	20	24.56	24.54	24.34
15	QPSK	36	39	24.68	24.51	24.25
15	QPSK	75	0	24.59	24.51	24.30
15	16QAM	1	0	24.72	24.61	24.61
15	16QAM	1	37	24.60	24.64	24.52
15	16QAM	1	74	24.58	24.61	24.47
15	16QAM	36	0	23.70	23.51	23.39
15	16QAM	36	20	23.70	23.56	23.44
15	16QAM	36	39	23.57	23.38	23.42
15	16QAM	75	0	23.55	23.61	23.54
15	64QAM	1	0	23.56	23.59	23.49
15	64QAM	1	37	23.63	23.52	23.40
15	64QAM	1	74	23.57	23.49	23.50
15	64QAM	36	0	23.60	23.43	23.25
15	64QAM	36	20	23.51	23.46	23.44
15	64QAM	36	39	23.44	23.43	23.38
15	64QAM	75	0	23.61	23.55	23.55
15	256QAM	1	0	19.33	19.38	19.26
15	256QAM	1	37	19.32	19.24	19.22
15	256QAM	1	74	19.28	19.29	19.24
15	256QAM	36	0	19.43	19.19	19.00
15	256QAM	36	20	19.30	19.22	19.20
15	256QAM	36	39	19.19	19.24	19.07
15	256QAM	75	0	19.36	19.36	19.22



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.39	25.49	25.28
10	QPSK	1	25	25.31	25.25	25.27
10	QPSK	1	49	25.44	25.34	25.29
10	QPSK	25	0	24.67	24.64	24.38
10	QPSK	25	12	24.66	24.57	24.30
10	QPSK	25	25	24.68	24.52	24.25
10	QPSK	50	0	24.64	24.58	24.32
10	16QAM	1	0	24.72	24.63	24.60
10	16QAM	1	25	24.63	24.56	24.53
10	16QAM	1	49	24.59	24.70	24.53
10	16QAM	25	0	23.66	23.51	23.35
10	16QAM	25	12	23.68	23.57	23.36
10	16QAM	25	25	23.61	23.40	23.33
10	16QAM	50	0	23.49	23.58	23.55
10	64QAM	1	0	23.62	23.55	23.53
10	64QAM	1	25	23.63	23.48	23.40
10	64QAM	1	49	23.48	23.52	23.44
10	64QAM	25	0	23.61	23.43	23.29
10	64QAM	25	12	23.58	23.46	23.46
10	64QAM	25	25	23.48	23.48	23.35
10	64QAM	50	0	23.67	23.63	23.53
10	256QAM	1	0	19.36	19.39	19.28
10	256QAM	1	25	19.36	19.20	19.18
10	256QAM	1	49	19.32	19.26	19.19
10	256QAM	25	0	19.44	19.18	19.00
10	256QAM	25	12	19.32	19.29	19.13
10	256QAM	25	25	19.24	19.17	19.09
10	256QAM	50	0	19.37	19.36	19.29



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.37	25.51	25.36
5	QPSK	1	12	25.37	25.29	25.32
5	QPSK	1	24	25.43	25.32	25.31
5	QPSK	12	0	24.67	24.65	24.39
5	QPSK	12	7	24.59	24.50	24.36
5	QPSK	12	13	24.57	24.47	24.26
5	QPSK	25	0	24.57	24.52	24.26
5	16QAM	1	0	24.66	24.66	24.65
5	16QAM	1	12	24.59	24.55	24.55
5	16QAM	1	24	24.51	24.59	24.49
5	16QAM	12	0	23.66	23.55	23.33
5	16QAM	12	7	23.60	23.55	23.38
5	16QAM	12	13	23.60	23.40	23.35
5	16QAM	25	0	23.54	23.57	23.51
5	64QAM	1	0	23.61	23.57	23.50
5	64QAM	1	12	23.55	23.49	23.45
5	64QAM	1	24	23.50	23.58	23.52
5	64QAM	12	0	23.65	23.50	23.28
5	64QAM	12	7	23.50	23.44	23.38
5	64QAM	12	13	23.40	23.40	23.33
5	64QAM	25	0	23.60	23.62	23.54
5	256QAM	1	0	19.41	19.36	19.23
5	256QAM	1	12	19.32	19.24	19.13
5	256QAM	1	24	19.26	19.26	19.23
5	256QAM	12	0	19.41	19.28	19.02
5	256QAM	12	7	19.33	19.31	19.19
5	256QAM	12	13	19.18	19.16	19.17
5	256QAM	25	0	19.41	19.37	19.29



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	24.12	24.18	24.01
20	QPSK	1	49	24.03	23.93	23.91
20	QPSK	1	99	24.12	24.08	23.90
20	QPSK	50	0	23.35	23.36	23.33
20	QPSK	50	24	23.31	23.22	23.04
20	QPSK	50	50	23.33	23.18	22.91
20	QPSK	100	0	23.32	23.23	23.01
20	16QAM	1	0	23.40	23.36	23.31
20	16QAM	1	49	23.33	23.30	23.26
20	16QAM	1	99	23.26	23.35	23.23
20	16QAM	50	0	22.41	22.23	22.08
20	16QAM	50	24	22.35	22.26	22.11
20	16QAM	50	50	22.32	22.11	22.07
20	16QAM	100	0	22.23	22.26	22.21
20	64QAM	1	0	22.31	22.29	22.23
20	64QAM	1	49	22.30	22.20	22.13
20	64QAM	1	99	22.24	22.24	22.18
20	64QAM	50	0	22.36	22.17	21.94
20	64QAM	50	24	22.26	22.20	22.12
20	64QAM	50	50	22.13	22.15	22.06
20	64QAM	100	0	22.32	22.31	22.21
20	256QAM	1	0	18.51	18.49	18.43
20	256QAM	1	49	18.50	18.40	18.33
20	256QAM	1	99	18.44	18.44	18.38
20	256QAM	50	0	18.56	18.37	18.14
20	256QAM	50	24	18.46	18.40	18.32
20	256QAM	50	50	18.33	18.35	18.26
20	256QAM	100	0	18.52	18.51	18.41



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	24.07	24.17	23.92
15	QPSK	1	37	24.02	23.91	23.92
15	QPSK	1	74	24.03	23.98	23.89
15	QPSK	36	0	23.24	23.32	23.08
15	QPSK	36	20	23.20	23.18	22.98
15	QPSK	36	39	23.32	23.15	22.89
15	QPSK	75	0	23.23	23.15	22.94
15	16QAM	1	0	23.36	23.25	23.25
15	16QAM	1	37	23.24	23.28	23.16
15	16QAM	1	74	23.22	23.25	23.11
15	16QAM	36	0	22.34	22.15	22.03
15	16QAM	36	20	22.34	22.20	22.08
15	16QAM	36	39	22.21	22.02	22.06
15	16QAM	75	0	22.19	22.25	22.18
15	64QAM	1	0	22.20	22.23	22.13
15	64QAM	1	37	22.27	22.16	22.04
15	64QAM	1	74	22.21	22.13	22.14
15	64QAM	36	0	22.24	22.07	21.89
15	64QAM	36	20	22.15	22.10	22.08
15	64QAM	36	39	22.08	22.07	22.02
15	64QAM	75	0	22.25	22.19	22.19
15	256QAM	1	0	18.41	18.46	18.34
15	256QAM	1	37	18.40	18.32	18.30
15	256QAM	1	74	18.36	18.37	18.32
15	256QAM	36	0	18.51	18.27	18.08
15	256QAM	36	20	18.38	18.30	18.28
15	256QAM	36	39	18.27	18.32	18.15
15	256QAM	75	0	18.44	18.44	18.30



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	24.03	24.13	23.92
10	QPSK	1	25	23.95	23.89	23.91
10	QPSK	1	49	24.08	23.98	23.93
10	QPSK	25	0	23.31	23.28	23.02
10	QPSK	25	12	23.30	23.21	22.94
10	QPSK	25	25	23.32	23.16	22.89
10	QPSK	50	0	23.28	23.22	22.96
10	16QAM	1	0	23.36	23.27	23.24
10	16QAM	1	25	23.27	23.20	23.17
10	16QAM	1	49	23.23	23.34	23.17
10	16QAM	25	0	22.30	22.15	21.99
10	16QAM	25	12	22.32	22.21	22.00
10	16QAM	25	25	22.25	22.04	21.97
10	16QAM	50	0	22.13	22.22	22.19
10	64QAM	1	0	22.26	22.19	22.17
10	64QAM	1	25	22.27	22.12	22.04
10	64QAM	1	49	22.12	22.16	22.08
10	64QAM	25	0	22.25	22.07	21.93
10	64QAM	25	12	22.22	22.10	22.10
10	64QAM	25	25	22.12	22.12	21.99
10	64QAM	50	0	22.31	22.27	22.17
10	256QAM	1	0	18.44	18.47	18.36
10	256QAM	1	25	18.44	18.28	18.26
10	256QAM	1	49	18.40	18.34	18.27
10	256QAM	25	0	18.52	18.26	18.08
10	256QAM	25	12	18.40	18.37	18.21
10	256QAM	25	25	18.32	18.25	18.17
10	256QAM	50	0	18.45	18.44	18.37



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	24.01	24.15	24.00
5	QPSK	1	12	24.01	23.93	23.96
5	QPSK	1	24	24.07	23.96	23.95
5	QPSK	12	0	23.31	23.29	23.03
5	QPSK	12	7	23.23	23.14	23.00
5	QPSK	12	13	23.21	23.11	22.90
5	QPSK	25	0	23.21	23.16	22.90
5	16QAM	1	0	23.30	23.30	23.29
5	16QAM	1	12	23.23	23.19	23.19
5	16QAM	1	24	23.15	23.23	23.13
5	16QAM	12	0	22.30	22.19	21.97
5	16QAM	12	7	22.24	22.19	22.02
5	16QAM	12	13	22.24	22.04	21.99
5	16QAM	25	0	22.18	22.21	22.15
5	64QAM	1	0	22.25	22.21	22.14
5	64QAM	1	12	22.19	22.13	22.09
5	64QAM	1	24	22.14	22.22	22.16
5	64QAM	12	0	22.29	22.14	21.92
5	64QAM	12	7	22.14	22.08	22.02
5	64QAM	12	13	22.04	22.04	21.97
5	64QAM	25	0	22.24	22.26	22.18
5	256QAM	1	0	18.49	18.44	18.31
5	256QAM	1	12	18.40	18.32	18.21
5	256QAM	1	24	18.34	18.34	18.31
5	256QAM	12	0	18.49	18.36	18.10
5	256QAM	12	7	18.41	18.39	18.27
5	256QAM	12	13	18.26	18.24	18.25
5	256QAM	25	0	18.49	18.45	18.37



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.62	23.65	23.56
20	QPSK	1	49	23.34	23.46	23.31
20	QPSK	1	99	23.42	23.42	23.39
20	QPSK	50	0	22.54	22.59	22.57
20	QPSK	50	24	22.47	22.55	22.54
20	QPSK	50	50	22.58	22.53	22.55
20	QPSK	100	0	22.54	22.59	22.56
20	16QAM	1	0	22.84	22.79	22.81
20	16QAM	1	49	22.71	22.80	22.57
20	16QAM	1	99	22.65	22.72	22.80
20	16QAM	50	0	21.51	21.44	21.43
20	16QAM	50	24	21.63	21.58	21.46
20	16QAM	50	50	21.56	21.55	21.52
20	16QAM	100	0	21.57	21.54	21.44
20	64QAM	1	0	21.80	21.77	21.78
20	64QAM	1	49	21.68	21.78	21.52
20	64QAM	1	99	21.59	21.72	21.73
20	64QAM	50	0	21.48	21.43	21.43
20	64QAM	50	24	21.55	21.53	21.45
20	64QAM	50	50	21.48	21.49	21.49
20	64QAM	100	0	21.59	21.48	21.37
20	256QAM	1	0	17.69	17.64	17.71
20	256QAM	1	49	17.52	17.69	17.42
20	256QAM	1	99	17.54	17.61	17.69
20	256QAM	50	0	17.34	17.27	17.28
20	256QAM	50	24	17.44	17.48	17.29
20	256QAM	50	50	17.47	17.40	17.38
20	256QAM	100	0	17.43	17.46	17.29



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.24	23.44	23.40
15	QPSK	1	37	23.32	23.39	23.21
15	QPSK	1	74	23.36	23.41	23.35
15	QPSK	36	0	22.32	22.36	22.35
15	QPSK	36	20	22.38	22.51	22.53
15	QPSK	36	39	22.49	22.49	22.50
15	QPSK	75	0	22.34	22.38	22.50
15	16QAM	1	0	22.82	22.72	22.79
15	16QAM	1	37	22.66	22.76	22.53
15	16QAM	1	74	22.60	22.63	22.73
15	16QAM	36	0	21.49	21.39	21.41
15	16QAM	36	20	21.52	21.56	21.45
15	16QAM	36	39	21.50	21.46	21.44
15	16QAM	75	0	21.50	21.46	21.34
15	64QAM	1	0	21.75	21.73	21.71
15	64QAM	1	37	21.59	21.68	21.48
15	64QAM	1	74	21.48	21.67	21.71
15	64QAM	36	0	21.36	21.42	21.35
15	64QAM	36	20	21.45	21.43	21.44
15	64QAM	36	39	21.39	21.47	21.39
15	64QAM	75	0	21.57	21.46	21.30
15	256QAM	1	0	17.66	17.59	17.65
15	256QAM	1	37	17.46	17.61	17.36
15	256QAM	1	74	17.43	17.56	17.67
15	256QAM	36	0	17.38	17.37	17.37
15	256QAM	36	20	17.45	17.62	17.35
15	256QAM	36	39	17.47	17.48	17.49
15	256QAM	75	0	17.43	17.57	17.38



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.34	23.44	23.42
10	QPSK	1	25	23.22	23.43	23.23
10	QPSK	1	49	23.32	23.36	23.30
10	QPSK	25	0	22.32	22.40	22.41
10	QPSK	25	12	22.40	22.48	22.46
10	QPSK	25	25	22.49	22.48	22.49
10	QPSK	50	0	22.40	22.29	22.55
10	16QAM	1	0	22.83	22.73	22.77
10	16QAM	1	25	22.64	22.76	22.49
10	16QAM	1	49	22.61	22.67	22.72
10	16QAM	25	0	21.39	21.41	21.35
10	16QAM	25	12	21.60	21.52	21.41
10	16QAM	25	25	21.45	21.52	21.45
10	16QAM	50	0	21.52	21.45	21.40
10	64QAM	1	0	21.68	21.75	21.68
10	64QAM	1	25	21.66	21.72	21.46
10	64QAM	1	49	21.48	21.69	21.67
10	64QAM	25	0	21.46	21.42	21.34
10	64QAM	25	12	21.51	21.50	21.35
10	64QAM	25	25	21.37	21.47	21.40
10	64QAM	50	0	21.51	21.38	21.36
10	256QAM	1	0	17.81	17.72	17.80
10	256QAM	1	25	17.64	17.83	17.51
10	256QAM	1	49	17.61	17.75	17.75
10	256QAM	25	0	17.39	17.36	17.37
10	256QAM	25	12	17.59	17.63	17.38
10	256QAM	25	25	17.53	17.50	17.51
10	256QAM	50	0	17.56	17.54	17.39



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.30	23.47	23.41
5	QPSK	1	12	23.31	23.38	23.25
5	QPSK	1	24	23.37	23.34	23.34
5	QPSK	12	0	22.40	22.43	22.41
5	QPSK	12	7	22.41	22.51	22.45
5	QPSK	12	13	22.52	22.49	22.48
5	QPSK	25	0	22.36	22.35	22.55
5	16QAM	1	0	22.78	22.75	22.78
5	16QAM	1	12	22.59	22.76	22.51
5	16QAM	1	24	22.58	22.69	22.70
5	16QAM	12	0	21.46	21.34	21.37
5	16QAM	12	7	21.57	21.51	21.36
5	16QAM	12	13	21.44	21.53	21.48
5	16QAM	25	0	21.56	21.51	21.39
5	64QAM	1	0	21.70	21.69	21.75
5	64QAM	1	12	21.56	21.75	21.49
5	64QAM	1	24	21.50	21.64	21.71
5	64QAM	12	0	21.45	21.34	21.37
5	64QAM	12	7	21.53	21.50	21.37
5	64QAM	12	13	21.46	21.48	21.45
5	64QAM	25	0	21.47	21.47	21.32
5	256QAM	1	0	17.81	17.73	17.79
5	256QAM	1	12	17.58	17.75	17.51
5	256QAM	1	24	17.64	17.75	17.78
5	256QAM	12	0	17.43	17.40	17.34
5	256QAM	12	7	17.49	17.55	17.44
5	256QAM	12	13	17.60	17.52	17.50
5	256QAM	25	0	17.55	17.55	17.37



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.30	23.40	23.37
3	QPSK	1	8	23.22	23.40	23.27
3	QPSK	1	14	23.32	23.33	23.38
3	QPSK	8	0	22.39	22.37	22.40
3	QPSK	8	4	22.43	22.46	22.46
3	QPSK	8	7	22.49	22.49	22.46
3	QPSK	15	0	22.38	22.29	22.46
3	16QAM	1	0	22.79	22.76	22.71
3	16QAM	1	8	22.67	22.72	22.55
3	16QAM	1	14	22.53	22.69	22.79
3	16QAM	8	0	21.41	21.41	21.36
3	16QAM	8	4	21.54	21.51	21.44
3	16QAM	8	7	21.48	21.47	21.51
3	16QAM	15	0	21.47	21.45	21.39
3	64QAM	1	0	21.79	21.70	21.77
3	64QAM	1	8	21.66	21.73	21.50
3	64QAM	1	14	21.54	21.66	21.63
3	64QAM	8	0	21.39	21.41	21.33
3	64QAM	8	4	21.54	21.43	21.44
3	64QAM	8	7	21.44	21.39	21.43
3	64QAM	15	0	21.55	21.42	21.31
3	256QAM	1	0	17.74	17.72	17.84
3	256QAM	1	8	17.66	17.78	17.48
3	256QAM	1	14	17.63	17.69	17.80
3	256QAM	8	0	17.38	17.40	17.43
3	256QAM	8	4	17.57	17.57	17.38
3	256QAM	8	7	17.55	17.47	17.48
3	256QAM	15	0	17.57	17.53	17.36



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.29	23.45	23.41
1.4	QPSK	1	3	23.32	23.40	23.29
1.4	QPSK	1	5	23.33	23.41	23.29
1.4	QPSK	3	0	23.43	23.41	23.55
1.4	QPSK	3	1	23.46	23.48	23.44
1.4	QPSK	3	3	23.51	23.48	23.45
1.4	QPSK	6	0	22.42	22.29	22.53
1.4	16QAM	1	0	22.76	22.72	22.71
1.4	16QAM	1	3	22.63	22.75	22.48
1.4	16QAM	1	5	22.63	22.70	22.74
1.4	16QAM	3	0	22.40	22.62	22.41
1.4	16QAM	3	1	22.60	22.57	22.43
1.4	16QAM	3	3	22.47	22.50	22.49
1.4	16QAM	6	0	21.50	21.46	21.47
1.4	64QAM	1	0	21.76	21.69	21.68
1.4	64QAM	1	3	21.60	21.76	21.49
1.4	64QAM	1	5	21.57	21.64	21.67
1.4	64QAM	3	0	21.50	21.45	21.41
1.4	64QAM	3	1	21.44	21.49	21.43
1.4	64QAM	3	3	21.44	21.45	21.48
1.4	64QAM	6	0	21.56	21.43	21.35
1.4	256QAM	1	0	17.83	17.79	17.83
1.4	256QAM	1	3	17.58	17.78	17.57
1.4	256QAM	1	5	17.60	17.71	17.82
1.4	256QAM	3	0	17.47	17.35	17.38
1.4	256QAM	3	1	17.59	17.54	17.43
1.4	256QAM	3	3	17.52	17.54	17.53
1.4	256QAM	6	0	17.48	17.57	17.38



ANT 5

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	24.25	24.27	24.20
20	QPSK	1	49	24.24	24.26	24.19
20	QPSK	1	99	24.16	24.23	24.20
20	QPSK	50	0	23.30	23.42	23.31
20	QPSK	50	24	23.34	23.28	23.26
20	QPSK	50	50	23.31	23.34	23.27
20	QPSK	100	0	23.34	23.35	23.24
20	16QAM	1	0	23.61	23.52	23.35
20	16QAM	1	49	23.49	23.58	23.53
20	16QAM	1	99	23.59	23.36	23.63
20	16QAM	50	0	22.42	22.37	22.41
20	16QAM	50	24	22.51	22.36	22.35
20	16QAM	50	50	22.38	22.41	22.43
20	16QAM	100	0	22.36	22.38	22.34
20	64QAM	1	0	22.46	22.60	22.55
20	64QAM	1	49	22.49	22.53	22.43
20	64QAM	1	99	22.59	22.47	22.29
20	64QAM	50	0	22.44	22.33	22.33
20	64QAM	50	24	22.27	22.28	22.35
20	64QAM	50	50	22.40	22.33	22.38
20	64QAM	100	0	22.32	22.35	22.34
20	256QAM	1	0	18.47	18.62	18.57
20	256QAM	1	49	18.50	18.55	18.45
20	256QAM	1	99	18.60	18.49	18.31
20	256QAM	50	0	18.45	18.35	18.35
20	256QAM	50	24	18.28	18.30	18.37
20	256QAM	50	50	18.41	18.35	18.40
20	256QAM	100	0	18.33	18.37	18.36



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	24.17	24.22	24.13
15	QPSK	1	37	24.21	24.22	24.16
15	QPSK	1	74	24.07	24.22	24.19
15	QPSK	36	0	23.26	23.32	23.21
15	QPSK	36	20	23.40	23.21	23.22
15	QPSK	36	39	23.30	23.27	23.18
15	QPSK	75	0	23.29	23.27	23.14
15	16QAM	1	0	23.57	23.46	23.29
15	16QAM	1	37	23.56	23.68	23.48
15	16QAM	1	74	23.61	23.76	23.62
15	16QAM	36	0	22.41	22.28	22.35
15	16QAM	36	20	22.47	22.27	22.27
15	16QAM	36	39	22.34	22.39	22.41
15	16QAM	75	0	22.26	22.34	22.33
15	64QAM	1	0	22.43	22.59	22.50
15	64QAM	1	37	22.43	22.43	22.38
15	64QAM	1	74	22.57	22.42	22.23
15	64QAM	36	0	22.41	22.23	22.26
15	64QAM	36	20	22.18	22.25	22.28
15	64QAM	36	39	22.36	22.31	22.30
15	64QAM	75	0	22.26	22.32	22.33
15	256QAM	1	0	18.46	18.54	18.49
15	256QAM	1	37	18.41	18.52	18.35
15	256QAM	1	74	18.54	18.39	18.26
15	256QAM	36	0	18.42	18.32	18.30
15	256QAM	36	20	18.21	18.25	18.35
15	256QAM	36	39	18.31	18.25	18.33
15	256QAM	75	0	18.23	18.31	18.29



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	24.24	24.25	24.18
10	QPSK	1	25	24.17	24.21	24.13
10	QPSK	1	49	24.08	24.22	24.12
10	QPSK	25	0	23.24	23.41	23.26
10	QPSK	25	12	23.32	23.19	23.25
10	QPSK	25	25	23.22	23.32	23.20
10	QPSK	50	0	23.25	23.31	23.18
10	16QAM	1	0	23.55	23.47	23.28
10	16QAM	1	25	23.55	23.72	23.52
10	16QAM	1	49	23.57	23.77	23.58
10	16QAM	25	0	22.34	22.33	22.36
10	16QAM	25	12	22.43	22.29	22.31
10	16QAM	25	25	22.37	22.32	22.39
10	16QAM	50	0	22.35	22.32	22.25
10	64QAM	1	0	22.36	22.51	22.53
10	64QAM	1	25	22.47	22.52	22.41
10	64QAM	1	49	22.54	22.40	22.19
10	64QAM	25	0	22.43	22.23	22.24
10	64QAM	25	12	22.19	22.25	22.29
10	64QAM	25	25	22.36	22.31	22.32
10	64QAM	50	0	22.25	22.26	22.32
10	256QAM	1	0	18.38	18.53	18.47
10	256QAM	1	25	18.48	18.51	18.38
10	256QAM	1	49	18.57	18.46	18.26
10	256QAM	25	0	18.41	18.33	18.29
10	256QAM	25	12	18.22	18.22	18.29
10	256QAM	25	25	18.35	18.33	18.35
10	256QAM	50	0	18.28	18.34	18.32



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	24.23	24.23	24.14
5	QPSK	1	12	24.14	24.16	24.18
5	QPSK	1	24	24.15	24.21	24.11
5	QPSK	12	0	23.21	23.37	23.25
5	QPSK	12	7	23.35	23.23	23.17
5	QPSK	12	13	23.28	23.28	23.17
5	QPSK	25	0	23.32	23.31	23.16
5	16QAM	1	0	23.27	23.26	23.07
5	16QAM	1	12	23.30	23.46	23.27
5	16QAM	1	24	23.35	23.46	23.31
5	16QAM	12	0	22.16	22.06	22.13
5	16QAM	12	7	22.17	22.07	22.03
5	16QAM	12	13	22.09	22.09	22.15
5	16QAM	25	0	22.03	22.05	22.01
5	64QAM	1	0	22.13	22.33	22.25
5	64QAM	1	12	22.16	22.24	22.14
5	64QAM	1	24	22.32	22.20	22.01
5	64QAM	12	0	22.42	22.32	22.30
5	64QAM	12	7	22.24	22.21	22.29
5	64QAM	12	13	22.36	22.24	22.37
5	64QAM	25	0	22.31	22.32	22.25
5	256QAM	1	0	18.46	18.54	18.54
5	256QAM	1	12	18.45	18.47	18.42
5	256QAM	1	24	18.50	18.40	18.27
5	256QAM	12	0	18.44	18.32	18.32
5	256QAM	12	7	18.20	18.20	18.32
5	256QAM	12	13	18.34	18.28	18.31
5	256QAM	25	0	18.23	18.34	18.29



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	24.14	24.24	24.10
3	QPSK	1	8	24.18	24.23	24.14
3	QPSK	1	14	24.10	24.13	24.11
3	QPSK	8	0	23.23	23.35	23.27
3	QPSK	8	4	23.31	23.25	23.24
3	QPSK	8	7	23.27	23.26	23.24
3	QPSK	15	0	23.24	23.26	23.18
3	16QAM	1	0	23.27	23.27	23.04
3	16QAM	1	8	23.31	23.45	23.27
3	16QAM	1	14	23.37	23.48	23.36
3	16QAM	8	0	22.11	22.04	22.10
3	16QAM	8	4	22.24	22.04	22.05
3	16QAM	8	7	22.04	22.10	22.16
3	16QAM	15	0	22.03	22.06	22.07
3	64QAM	1	0	22.21	22.29	22.29
3	64QAM	1	8	22.21	22.23	22.10
3	64QAM	1	14	22.33	22.18	21.95
3	64QAM	8	0	22.38	22.23	22.23
3	64QAM	8	4	22.22	22.21	22.25
3	64QAM	8	7	22.31	22.25	22.34
3	64QAM	15	0	22.25	22.27	22.31
3	256QAM	1	0	18.40	18.52	18.56
3	256QAM	1	8	18.47	18.51	18.42
3	256QAM	1	14	18.55	18.45	18.26
3	256QAM	8	0	18.39	18.30	18.26
3	256QAM	8	4	18.19	18.27	18.28
3	256QAM	8	7	18.39	18.34	18.31
3	256QAM	15	0	18.23	18.32	18.27



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	24.14	24.22	24.11
1.4	QPSK	1	3	24.14	24.17	24.10
1.4	QPSK	1	5	24.10	24.21	24.15
1.4	QPSK	3	0	24.24	24.19	24.24
1.4	QPSK	3	1	24.23	24.23	24.21
1.4	QPSK	3	3	24.21	24.25	24.25
1.4	QPSK	6	0	23.25	23.25	23.14
1.4	16QAM	1	0	23.28	23.25	23.02
1.4	16QAM	1	3	23.37	23.45	23.28
1.4	16QAM	1	5	23.32	23.48	23.38
1.4	16QAM	3	0	23.10	23.10	23.13
1.4	16QAM	3	1	23.25	23.04	23.01
1.4	16QAM	3	3	23.07	23.14	23.09
1.4	16QAM	6	0	22.05	22.04	22.01
1.4	64QAM	1	0	22.12	22.27	22.30
1.4	64QAM	1	3	22.22	22.24	22.16
1.4	64QAM	1	5	22.28	22.22	22.00
1.4	64QAM	3	0	22.12	22.05	22.08
1.4	64QAM	3	1	21.99	22.03	22.09
1.4	64QAM	3	3	22.09	22.02	22.09
1.4	64QAM	6	0	22.23	22.25	22.26
1.4	256QAM	1	0	18.44	18.54	18.52
1.4	256QAM	1	3	18.48	18.53	18.38
1.4	256QAM	1	5	18.53	18.47	18.23
1.4	256QAM	3	0	18.38	18.34	18.30
1.4	256QAM	3	1	18.20	18.21	18.30
1.4	256QAM	3	3	18.34	18.31	18.35
1.4	256QAM	6	0	18.27	18.36	18.34



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	24.24	24.28	24.27
20	QPSK	1	49	24.18	24.19	24.20
20	QPSK	1	99	24.10	24.12	24.15
20	QPSK	50	0	23.29	23.35	23.22
20	QPSK	50	24	23.27	23.30	23.31
20	QPSK	50	50	23.24	23.27	23.33
20	QPSK	100	0	23.21	23.30	23.25
20	16QAM	1	0	22.94	23.19	23.25
20	16QAM	1	49	23.19	23.25	23.10
20	16QAM	1	99	23.26	23.25	23.36
20	16QAM	50	0	22.32	22.28	22.33
20	16QAM	50	24	22.35	22.24	22.28
20	16QAM	50	50	22.40	22.26	22.27
20	16QAM	100	0	22.32	22.31	22.29
20	64QAM	1	0	22.44	22.38	22.42
20	64QAM	1	49	22.24	22.26	22.42
20	64QAM	1	99	22.34	22.35	22.46
20	64QAM	50	0	22.26	22.23	22.24
20	64QAM	50	24	22.25	22.27	22.40
20	64QAM	50	50	22.29	22.26	22.44
20	64QAM	100	0	22.27	22.24	22.35
20	256QAM	1	0	18.47	18.41	18.45
20	256QAM	1	49	18.27	18.29	18.45
20	256QAM	1	99	18.37	18.38	18.49
20	256QAM	50	0	18.29	18.26	18.27
20	256QAM	50	24	18.28	18.30	18.43
20	256QAM	50	50	18.32	18.29	18.47
20	256QAM	100	0	18.30	18.27	18.38



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	24.15	24.16	24.13
15	QPSK	1	37	24.08	24.04	24.13
15	QPSK	1	74	23.99	24.02	24.06
15	QPSK	36	0	23.15	23.24	23.15
15	QPSK	36	20	23.19	23.19	23.22
15	QPSK	36	39	23.13	23.13	23.21
15	QPSK	75	0	23.08	23.21	23.15
15	16QAM	1	0	23.28	23.47	23.10
15	16QAM	1	37	23.56	23.51	23.51
15	16QAM	1	74	23.18	23.19	23.25
15	16QAM	36	0	22.19	22.22	22.25
15	16QAM	36	20	22.23	22.18	22.22
15	16QAM	36	39	22.28	22.12	22.21
15	16QAM	75	0	22.24	22.25	22.22
15	64QAM	1	0	22.32	22.31	22.27
15	64QAM	1	37	22.29	22.32	22.31
15	64QAM	1	74	22.19	22.25	22.40
15	64QAM	36	0	22.20	22.15	22.17
15	64QAM	36	20	22.15	22.12	22.28
15	64QAM	36	39	22.14	22.17	22.33
15	64QAM	75	0	22.17	22.10	22.28
15	256QAM	1	0	18.40	18.26	18.32
15	256QAM	1	37	18.17	18.15	18.39
15	256QAM	1	74	18.31	18.27	18.35
15	256QAM	36	0	18.22	18.13	18.13
15	256QAM	36	20	18.15	18.21	18.37
15	256QAM	36	39	18.23	18.16	18.32
15	256QAM	75	0	18.16	18.21	18.31



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	24.12	24.21	24.16
10	QPSK	1	25	24.06	24.08	24.08
10	QPSK	1	49	24.01	23.98	24.01
10	QPSK	25	0	23.16	23.27	23.09
10	QPSK	25	12	23.14	23.22	23.23
10	QPSK	25	25	23.13	23.19	23.26
10	QPSK	50	0	23.08	23.16	23.18
10	16QAM	1	0	23.29	23.52	23.19
10	16QAM	1	25	23.50	23.58	23.46
10	16QAM	1	49	23.34	23.18	23.26
10	16QAM	25	0	22.23	22.16	22.24
10	16QAM	25	12	22.29	22.09	22.17
10	16QAM	25	25	22.30	22.19	22.16
10	16QAM	50	0	22.26	22.19	22.20
10	64QAM	1	0	22.29	22.25	22.33
10	64QAM	1	25	22.18	22.19	22.36
10	64QAM	1	49	22.24	22.21	22.36
10	64QAM	25	0	22.18	22.15	22.17
10	64QAM	25	12	22.17	22.15	22.32
10	64QAM	25	25	22.18	22.14	22.29
10	64QAM	50	0	22.12	22.11	22.26
10	256QAM	1	0	18.40	18.35	18.30
10	256QAM	1	25	18.19	18.19	18.34
10	256QAM	1	49	18.24	18.32	18.35
10	256QAM	25	0	18.19	18.17	18.14
10	256QAM	25	12	18.22	18.20	18.29
10	256QAM	25	25	18.21	18.20	18.34
10	256QAM	50	0	18.22	18.20	18.23



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	24.11	24.17	24.14
5	QPSK	1	12	24.09	24.05	24.06
5	QPSK	1	24	24.02	24.02	24.02
5	QPSK	12	0	23.20	23.29	23.07
5	QPSK	12	7	23.14	23.24	23.16
5	QPSK	12	13	23.10	23.12	23.19
5	QPSK	25	0	23.11	23.22	23.11
5	16QAM	1	0	23.26	23.59	23.17
5	16QAM	1	12	23.56	23.60	23.45
5	16QAM	1	24	23.18	23.11	23.26
5	16QAM	12	0	22.18	22.20	22.23
5	16QAM	12	7	22.20	22.11	22.17
5	16QAM	12	13	22.32	22.19	22.13
5	16QAM	25	0	22.20	22.20	22.14
5	64QAM	1	0	22.38	22.32	22.30
5	64QAM	1	12	22.29	22.33	22.33
5	64QAM	1	24	22.28	22.24	22.39
5	64QAM	12	0	22.11	22.12	22.16
5	64QAM	12	7	22.18	22.19	22.29
5	64QAM	12	13	22.17	22.15	22.38
5	64QAM	25	0	22.12	22.11	22.29
5	256QAM	1	0	18.40	18.34	18.33
5	256QAM	1	12	18.19	18.23	18.37
5	256QAM	1	24	18.23	18.26	18.38
5	256QAM	12	0	18.22	18.16	18.18
5	256QAM	12	7	18.16	18.17	18.33
5	256QAM	12	13	18.24	18.20	18.40
5	256QAM	25	0	18.16	18.13	18.27



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	24.11	24.20	24.14
3	QPSK	1	8	24.12	24.05	24.14
3	QPSK	1	14	23.98	24.03	24.06
3	QPSK	8	0	23.15	23.25	23.14
3	QPSK	8	4	23.15	23.23	23.23
3	QPSK	8	7	23.10	23.20	23.18
3	QPSK	15	0	23.08	23.20	23.16
3	16QAM	1	0	23.26	23.53	23.15
3	16QAM	1	8	23.52	23.61	23.46
3	16QAM	1	14	23.14	23.14	23.28
3	16QAM	8	0	22.22	22.15	22.23
3	16QAM	8	4	22.24	22.17	22.19
3	16QAM	8	7	22.32	22.14	22.16
3	16QAM	15	0	22.20	22.19	22.20
3	64QAM	1	0	22.33	22.29	22.27
3	64QAM	1	8	22.32	22.32	22.32
3	64QAM	1	14	22.25	22.21	22.33
3	64QAM	8	0	22.15	22.13	22.15
3	64QAM	8	4	22.10	22.13	22.30
3	64QAM	8	7	22.21	22.15	22.34
3	64QAM	15	0	22.21	22.16	22.20
3	256QAM	1	0	18.33	18.35	18.33
3	256QAM	1	8	18.14	18.21	18.38
3	256QAM	1	14	18.22	18.30	18.35
3	256QAM	8	0	18.16	18.11	18.13
3	256QAM	8	4	18.13	18.22	18.35
3	256QAM	8	7	18.18	18.20	18.39
3	256QAM	15	0	18.20	18.17	18.32



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	24.13	24.14	24.14
1.4	QPSK	1	3	24.07	24.04	24.12
1.4	QPSK	1	5	24.03	24.06	24.01
1.4	QPSK	3	0	24.20	24.27	24.12
1.4	QPSK	3	1	24.15	24.20	24.23
1.4	QPSK	3	3	24.18	24.18	24.18
1.4	QPSK	6	0	23.06	23.16	23.11
1.4	16QAM	1	0	23.32	23.52	23.18
1.4	16QAM	1	3	23.54	23.61	23.49
1.4	16QAM	1	5	23.12	23.15	23.25
1.4	16QAM	3	0	23.24	23.22	23.18
1.4	16QAM	3	1	23.28	23.12	23.17
1.4	16QAM	3	3	23.25	23.20	23.17
1.4	16QAM	6	0	22.26	22.21	22.23
1.4	64QAM	1	0	22.29	22.26	22.29
1.4	64QAM	1	3	22.18	22.13	22.34
1.4	64QAM	1	5	22.26	22.22	22.40
1.4	64QAM	3	0	22.12	22.12	22.18
1.4	64QAM	3	1	22.10	22.12	22.30
1.4	64QAM	3	3	22.16	22.19	22.30
1.4	64QAM	6	0	22.17	22.18	22.28
1.4	256QAM	1	0	18.40	18.28	18.34
1.4	256QAM	1	3	18.14	18.15	18.32
1.4	256QAM	1	5	18.27	18.27	18.36
1.4	256QAM	3	0	18.16	18.17	18.19
1.4	256QAM	3	1	18.14	18.24	18.37
1.4	256QAM	3	3	18.24	18.22	18.35
1.4	256QAM	6	0	18.23	18.15	18.23



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	24.07	24.13	24.09
20	QPSK	1	49	23.99	24.06	24.11
20	QPSK	1	99	24.10	24.11	24.12
20	QPSK	50	0	23.20	23.33	23.32
20	QPSK	50	24	23.27	23.32	23.31
20	QPSK	50	50	23.30	23.29	23.31
20	QPSK	100	0	23.35	23.36	23.28
20	16QAM	1	0	23.21	23.15	23.20
20	16QAM	1	49	23.28	23.27	23.19
20	16QAM	1	99	23.29	23.34	23.30
20	16QAM	50	0	22.19	22.34	22.40
20	16QAM	50	24	22.23	22.28	22.20
20	16QAM	50	50	22.22	22.33	22.18
20	16QAM	100	0	22.21	22.26	22.31
20	64QAM	1	0	22.24	22.28	22.32
20	64QAM	1	49	22.28	22.34	22.09
20	64QAM	1	99	22.23	22.10	22.00
20	64QAM	50	0	22.20	22.24	22.28
20	64QAM	50	24	22.20	22.33	22.12
20	64QAM	50	50	22.17	22.32	22.26
20	64QAM	100	0	22.25	22.24	22.14
20	256QAM	1	0	18.28	18.32	18.36
20	256QAM	1	49	18.32	18.38	18.13
20	256QAM	1	99	18.27	18.14	18.04
20	256QAM	50	0	18.24	18.28	18.32
20	256QAM	50	24	18.24	18.37	18.16
20	256QAM	50	50	18.21	18.36	18.30
20	256QAM	100	0	18.29	18.28	18.18



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	24.01	24.11	24.05
15	QPSK	1	37	23.91	23.98	24.03
15	QPSK	1	74	24.03	24.08	24.10
15	QPSK	36	0	23.17	23.32	23.24
15	QPSK	36	20	23.17	23.30	23.25
15	QPSK	36	39	23.24	23.28	23.29
15	QPSK	75	0	23.27	23.24	23.19
15	16QAM	1	0	23.17	23.14	23.12
15	16QAM	1	37	23.23	23.18	23.18
15	16QAM	1	74	23.26	23.33	23.20
15	16QAM	36	0	22.12	22.32	22.39
15	16QAM	36	20	22.20	22.19	22.15
15	16QAM	36	39	22.18	22.32	22.11
15	16QAM	75	0	22.19	22.25	22.30
15	64QAM	1	0	22.20	22.18	22.30
15	64QAM	1	37	22.19	22.29	22.05
15	64QAM	1	74	22.15	22.05	21.98
15	64QAM	36	0	22.10	22.16	22.19
15	64QAM	36	20	22.15	22.29	22.09
15	64QAM	36	39	22.07	22.28	22.25
15	64QAM	75	0	22.24	22.16	22.12
15	256QAM	1	0	18.25	18.27	18.30
15	256QAM	1	37	18.28	18.29	18.05
15	256QAM	1	74	18.22	18.07	18.00
15	256QAM	36	0	18.16	18.23	18.26
15	256QAM	36	20	18.22	18.33	18.13
15	256QAM	36	39	18.19	18.29	18.28
15	256QAM	75	0	18.28	18.26	18.17



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				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.95	24.08	24.06
10	QPSK	1	25	23.95	24.04	24.01
10	QPSK	1	49	24.02	24.02	24.05
10	QPSK	25	0	23.12	23.31	23.22
10	QPSK	25	12	23.22	23.28	23.26
10	QPSK	25	25	23.25	23.19	23.30
10	QPSK	50	0	23.34	23.31	23.26
10	16QAM	1	0	23.13	23.11	23.12
10	16QAM	1	25	23.24	23.25	23.09
10	16QAM	1	49	23.23	23.25	23.28
10	16QAM	25	0	22.17	22.25	22.38
10	16QAM	25	12	22.20	22.25	22.10
10	16QAM	25	25	22.19	22.25	22.12
10	16QAM	50	0	22.16	22.25	22.30
10	64QAM	1	0	22.23	22.26	22.31
10	64QAM	1	25	22.19	22.29	22.06
10	64QAM	1	49	22.19	22.00	21.92
10	64QAM	25	0	22.11	22.18	22.23
10	64QAM	25	12	22.16	22.32	22.10
10	64QAM	25	25	22.14	22.22	22.20
10	64QAM	50	0	22.18	22.23	22.06
10	256QAM	1	0	18.18	18.22	18.29
10	256QAM	1	25	18.25	18.37	18.08
10	256QAM	1	49	18.21	18.12	18.02
10	256QAM	25	0	18.23	18.26	18.26
10	256QAM	25	12	18.21	18.30	18.09
10	256QAM	25	25	18.15	18.28	18.24
10	256QAM	50	0	18.21	18.18	18.10



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	24.01	24.12	23.99
5	QPSK	1	12	23.96	24.02	24.08
5	QPSK	1	24	24.04	24.07	24.06
5	QPSK	12	0	23.17	23.29	23.25
5	QPSK	12	7	23.26	23.30	23.25
5	QPSK	12	13	23.22	23.25	23.28
5	QPSK	25	0	23.27	23.30	23.20
5	16QAM	1	0	23.20	23.06	23.13
5	16QAM	1	12	23.25	23.22	23.13
5	16QAM	1	24	23.21	23.32	23.26
5	16QAM	12	0	22.17	22.24	22.32
5	16QAM	12	7	22.15	22.24	22.14
5	16QAM	12	13	22.14	22.24	22.11
5	16QAM	25	0	22.12	22.16	22.25
5	64QAM	1	0	22.16	22.23	22.25
5	64QAM	1	12	22.23	22.32	22.00
5	64QAM	1	24	22.19	22.08	21.92
5	64QAM	12	0	22.16	22.16	22.22
5	64QAM	12	7	22.10	22.27	22.02
5	64QAM	12	13	22.16	22.27	22.16
5	64QAM	25	0	22.15	22.19	22.06
5	256QAM	1	0	18.25	18.31	18.26
5	256QAM	1	12	18.27	18.30	18.07
5	256QAM	1	24	18.23	18.13	17.96
5	256QAM	12	0	18.19	18.20	18.26
5	256QAM	12	7	18.15	18.27	18.09
5	256QAM	12	13	18.17	18.35	18.23
5	256QAM	25	0	18.28	18.24	18.16



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	24.28	24.34	24.26
20	QPSK	1	49	24.15	24.12	24.09
20	QPSK	1	99	24.13	24.04	24.02
20	QPSK	50	0	23.30	23.31	23.28
20	QPSK	50	24	23.27	23.23	23.25
20	QPSK	50	50	23.26	23.17	23.19
20	QPSK	100	0	23.25	23.31	23.25
20	16QAM	1	0	23.18	23.18	23.20
20	16QAM	1	49	23.27	23.24	23.23
20	16QAM	1	99	23.09	23.21	23.22
20	16QAM	50	0	22.30	22.15	22.16
20	16QAM	50	24	22.20	22.19	22.09
20	16QAM	50	50	22.15	22.13	22.14
20	16QAM	100	0	22.14	22.23	22.13
20	64QAM	1	0	22.21	22.22	22.15
20	64QAM	1	49	22.16	22.18	22.25
20	64QAM	1	99	22.23	22.20	22.18
20	64QAM	50	0	22.19	22.14	22.17
20	64QAM	50	24	22.19	22.25	22.16
20	64QAM	50	50	22.10	22.16	22.10
20	64QAM	100	0	22.25	22.24	22.04
20	256QAM	1	0	18.28	18.29	18.22
20	256QAM	1	49	18.23	18.25	18.32
20	256QAM	1	99	18.30	18.27	18.25
20	256QAM	50	0	18.26	18.21	18.24
20	256QAM	50	24	18.26	18.32	18.23
20	256QAM	50	50	18.17	18.23	18.17
20	256QAM	100	0	18.32	18.31	18.11



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	24.14	24.13	24.11
15	QPSK	1	37	24.07	24.08	24.05
15	QPSK	1	74	24.08	23.98	23.92
15	QPSK	36	0	23.31	23.07	23.18
15	QPSK	36	20	23.22	23.15	23.23
15	QPSK	36	39	23.16	23.11	23.18
15	QPSK	75	0	23.16	23.16	23.21
15	16QAM	1	0	23.13	23.07	23.08
15	16QAM	1	37	23.22	23.12	23.16
15	16QAM	1	74	23.04	23.18	23.11
15	16QAM	36	0	22.24	22.14	22.09
15	16QAM	36	20	22.10	22.08	22.08
15	16QAM	36	39	22.07	22.09	22.10
15	16QAM	75	0	22.08	22.21	22.11
15	64QAM	1	0	22.09	22.12	22.08
15	64QAM	1	37	22.10	22.06	22.22
15	64QAM	1	74	22.11	22.15	22.13
15	64QAM	36	0	22.15	22.10	22.09
15	64QAM	36	20	22.14	22.15	22.15
15	64QAM	36	39	22.03	22.12	22.06
15	64QAM	75	0	22.22	22.19	21.94
15	256QAM	1	0	18.21	18.25	18.18
15	256QAM	1	37	18.17	18.15	18.29
15	256QAM	1	74	18.28	18.20	18.15
15	256QAM	36	0	18.19	18.20	18.19
15	256QAM	36	20	18.18	18.26	18.15
15	256QAM	36	39	18.15	18.21	18.06
15	256QAM	75	0	18.25	18.23	18.10



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	24.13	24.11	24.11
10	QPSK	1	25	24.11	24.03	24.00
10	QPSK	1	49	24.11	23.94	23.99
10	QPSK	25	0	23.30	23.08	23.09
10	QPSK	25	12	23.24	23.13	23.17
10	QPSK	25	25	23.17	23.13	23.14
10	QPSK	50	0	23.17	23.21	23.23
10	16QAM	1	0	23.08	23.07	23.19
10	16QAM	1	25	23.15	23.21	23.12
10	16QAM	1	49	23.08	23.12	23.12
10	16QAM	25	0	22.24	22.13	22.10
10	16QAM	25	12	22.08	22.14	22.01
10	16QAM	25	25	22.11	22.10	22.02
10	16QAM	50	0	22.11	22.15	22.04
10	64QAM	1	0	22.11	22.15	22.06
10	64QAM	1	25	22.05	22.08	22.14
10	64QAM	1	49	22.17	22.09	22.13
10	64QAM	25	0	22.12	22.05	22.05
10	64QAM	25	12	22.07	22.22	22.10
10	64QAM	25	25	22.06	22.07	22.04
10	64QAM	50	0	22.21	22.13	22.02
10	256QAM	1	0	18.22	18.22	18.10
10	256QAM	1	25	18.19	18.15	18.27
10	256QAM	1	49	18.28	18.25	18.24
10	256QAM	25	0	18.22	18.20	18.12
10	256QAM	25	12	18.21	18.23	18.17
10	256QAM	25	25	18.14	18.22	18.05
10	256QAM	50	0	18.28	18.23	18.04



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	24.10	24.13	24.10
5	QPSK	1	12	24.04	24.00	24.01
5	QPSK	1	24	24.06	23.95	23.96
5	QPSK	12	0	23.30	23.06	23.16
5	QPSK	12	7	23.23	23.17	23.15
5	QPSK	12	13	23.22	23.07	23.11
5	QPSK	25	0	23.24	23.12	23.14
5	16QAM	1	0	23.07	23.10	23.11
5	16QAM	1	12	23.21	23.23	23.21
5	16QAM	1	24	23.03	23.10	23.15
5	16QAM	12	0	22.28	22.04	22.04
5	16QAM	12	7	22.10	22.14	21.97
5	16QAM	12	13	22.07	22.03	22.08
5	16QAM	25	0	22.10	22.13	22.02
5	64QAM	1	0	22.11	22.16	22.14
5	64QAM	1	12	22.12	22.09	22.22
5	64QAM	1	24	22.21	22.11	22.08
5	64QAM	12	0	22.15	22.07	22.09
5	64QAM	12	7	22.14	22.13	22.12
5	64QAM	12	13	22.08	22.10	22.04
5	64QAM	25	0	22.19	22.16	21.96
5	256QAM	1	0	18.21	18.21	18.19
5	256QAM	1	12	18.16	18.24	18.26
5	256QAM	1	24	18.19	18.24	18.22
5	256QAM	12	0	18.14	18.10	18.18
5	256QAM	12	7	18.22	18.25	18.11
5	256QAM	12	13	18.06	18.20	18.15
5	256QAM	25	0	18.29	18.23	18.03



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	24.13	24.14	24.02
3	QPSK	1	8	24.03	24.05	24.03
3	QPSK	1	14	24.07	24.02	24.00
3	QPSK	8	0	23.25	23.09	23.09
3	QPSK	8	4	23.16	23.18	23.19
3	QPSK	8	7	23.18	23.05	23.12
3	QPSK	15	0	23.18	23.12	23.24
3	16QAM	1	0	23.14	23.14	23.19
3	16QAM	1	8	23.25	23.18	23.18
3	16QAM	1	14	23.01	23.17	23.19
3	16QAM	8	0	22.19	22.13	22.11
3	16QAM	8	4	22.14	22.17	21.98
3	16QAM	8	7	22.03	22.01	22.13
3	16QAM	15	0	22.05	22.17	22.04
3	64QAM	1	0	22.10	22.15	22.12
3	64QAM	1	8	22.15	22.12	22.21
3	64QAM	1	14	22.21	22.14	22.08
3	64QAM	8	0	22.14	22.08	22.15
3	64QAM	8	4	22.16	22.22	22.13
3	64QAM	8	7	22.07	22.06	22.06
3	64QAM	15	0	22.24	22.18	22.00
3	256QAM	1	0	18.24	18.25	18.11
3	256QAM	1	8	18.14	18.15	18.20
3	256QAM	1	14	18.22	18.18	18.17
3	256QAM	8	0	18.15	18.20	18.13
3	256QAM	8	4	18.14	18.26	18.18
3	256QAM	8	7	18.14	18.21	18.05
3	256QAM	15	0	18.22	18.28	18.01



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	24.16	24.09	24.05
1.4	QPSK	1	3	24.05	24.08	24.04
1.4	QPSK	1	5	24.04	23.94	24.01
1.4	QPSK	3	0	24.23	24.08	24.18
1.4	QPSK	3	1	24.19	24.17	24.13
1.4	QPSK	3	3	24.16	24.07	24.14
1.4	QPSK	6	0	23.21	23.13	23.14
1.4	16QAM	1	0	23.06	23.15	23.09
1.4	16QAM	1	3	23.23	23.18	23.12
1.4	16QAM	1	5	22.97	23.14	23.21
1.4	16QAM	3	0	23.18	23.06	23.14
1.4	16QAM	3	1	23.17	23.18	23.02
1.4	16QAM	3	3	23.12	23.06	23.07
1.4	16QAM	6	0	22.02	22.13	22.03
1.4	64QAM	1	0	22.18	22.15	22.10
1.4	64QAM	1	3	22.09	22.12	22.20
1.4	64QAM	1	5	22.20	22.16	22.06
1.4	64QAM	3	0	22.13	22.11	22.07
1.4	64QAM	3	1	22.10	22.17	22.09
1.4	64QAM	3	3	22.03	22.08	22.01
1.4	64QAM	6	0	22.17	22.19	21.94
1.4	256QAM	1	0	18.17	18.24	18.11
1.4	256QAM	1	3	18.12	18.19	18.26
1.4	256QAM	1	5	18.25	18.23	18.23
1.4	256QAM	3	0	18.25	18.20	18.22
1.4	256QAM	3	1	18.20	18.30	18.13
1.4	256QAM	3	3	18.14	18.11	18.12
1.4	256QAM	6	0	18.24	18.22	18.07



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	24.24	24.28	24.26
20	QPSK	1	49	24.11	24.24	24.08
20	QPSK	1	99	24.23	24.20	24.02
20	QPSK	50	0	23.23	23.30	23.25
20	QPSK	50	24	23.26	23.27	23.13
20	QPSK	50	50	23.23	23.16	23.09
20	QPSK	100	0	23.26	23.29	23.16
20	16QAM	1	0	23.36	23.37	23.25
20	16QAM	1	49	23.26	23.29	23.33
20	16QAM	1	99	23.18	23.22	23.19
20	16QAM	50	0	22.23	22.30	22.11
20	16QAM	50	24	22.31	22.26	22.28
20	16QAM	50	50	22.13	22.18	22.11
20	16QAM	100	0	22.22	22.23	22.17
20	64QAM	1	0	22.27	22.34	22.25
20	64QAM	1	49	22.09	22.17	22.20
20	64QAM	1	99	22.16	22.18	22.19
20	64QAM	50	0	22.15	22.20	22.15
20	64QAM	50	24	22.19	22.15	22.11
20	64QAM	50	50	22.06	22.13	22.00
20	64QAM	100	0	21.98	22.16	22.02
20	256QAM	1	0	18.30	18.37	18.28
20	256QAM	1	49	18.12	18.20	18.23
20	256QAM	1	99	18.19	18.21	18.22
20	256QAM	50	0	18.18	18.23	18.18
20	256QAM	50	24	18.22	18.18	18.14
20	256QAM	50	50	18.09	18.16	18.03
20	256QAM	100	0	18.01	18.19	18.05



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	23.99	24.24	24.15
15	QPSK	1	37	24.07	24.21	24.00
15	QPSK	1	74	24.14	24.10	23.99
15	QPSK	36	0	23.25	23.33	23.22
15	QPSK	36	20	23.34	23.30	23.18
15	QPSK	36	39	23.33	23.20	23.18
15	QPSK	75	0	23.20	23.12	23.14
15	16QAM	1	0	23.35	23.33	23.18
15	16QAM	1	37	23.19	23.22	23.25
15	16QAM	1	74	23.15	23.15	23.12
15	16QAM	36	0	22.22	22.28	22.04
15	16QAM	36	20	22.21	22.23	22.25
15	16QAM	36	39	22.09	22.16	22.09
15	16QAM	75	0	22.18	22.14	22.08
15	64QAM	1	0	22.21	22.24	22.16
15	64QAM	1	37	22.01	22.15	22.18
15	64QAM	1	74	22.15	22.11	22.15
15	64QAM	36	0	22.05	22.13	22.05
15	64QAM	36	20	22.15	22.05	22.03
15	64QAM	36	39	22.04	22.11	21.95
15	64QAM	75	0	21.92	22.15	22.01
15	256QAM	1	0	18.28	18.32	18.20
15	256QAM	1	37	18.05	18.10	18.17
15	256QAM	1	74	18.27	18.25	18.30
15	256QAM	36	0	18.24	18.35	18.27
15	256QAM	36	20	18.26	18.21	18.21
15	256QAM	36	39	18.12	18.23	18.10
15	256QAM	75	0	18.13	18.31	18.13



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	24.06	24.23	24.11
10	QPSK	1	25	24.08	24.22	24.03
10	QPSK	1	49	24.19	24.12	24.04
10	QPSK	25	0	23.28	23.39	23.25
10	QPSK	25	12	23.35	23.35	23.17
10	QPSK	25	25	23.32	23.20	23.14
10	QPSK	50	0	23.30	23.30	23.25
10	16QAM	1	0	23.30	23.32	23.24
10	16QAM	1	25	23.23	23.23	23.29
10	16QAM	1	49	23.15	23.19	23.18
10	16QAM	25	0	22.17	22.26	22.06
10	16QAM	25	12	22.24	22.23	22.25
10	16QAM	25	25	22.03	22.14	22.02
10	16QAM	50	0	22.16	22.17	22.11
10	64QAM	1	0	22.24	22.33	22.21
10	64QAM	1	25	22.08	22.09	22.19
10	64QAM	1	49	22.14	22.14	22.17
10	64QAM	25	0	22.09	22.17	22.13
10	64QAM	25	12	22.18	22.13	22.07
10	64QAM	25	25	21.96	22.05	21.92
10	64QAM	50	0	21.97	22.13	22.01
10	256QAM	1	0	18.24	18.29	18.22
10	256QAM	1	25	18.04	18.18	18.20
10	256QAM	1	49	18.10	18.19	18.12
10	256QAM	25	0	18.10	18.15	18.14
10	256QAM	25	12	18.28	18.24	18.23
10	256QAM	25	25	18.19	18.28	18.13
10	256QAM	50	0	18.12	18.31	18.12



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	23.98	24.23	24.16
5	QPSK	1	12	24.05	24.22	24.04
5	QPSK	1	24	24.14	24.15	23.99
5	QPSK	12	0	23.26	23.36	23.27
5	QPSK	12	7	23.24	23.19	23.11
5	QPSK	12	13	23.15	23.14	22.99
5	QPSK	25	0	23.25	23.19	23.12
5	16QAM	1	0	23.33	23.36	23.20
5	16QAM	1	12	23.25	23.27	23.28
5	16QAM	1	24	23.17	23.12	23.09
5	16QAM	12	0	22.18	22.22	22.07
5	16QAM	12	7	22.27	22.23	22.24
5	16QAM	12	13	22.10	22.13	22.08
5	16QAM	25	0	22.13	22.16	22.12
5	64QAM	1	0	22.24	22.32	22.21
5	64QAM	1	12	22.05	22.11	22.15
5	64QAM	1	24	22.12	22.14	22.18
5	64QAM	12	0	22.06	22.15	22.14
5	64QAM	12	7	22.18	22.11	22.10
5	64QAM	12	13	21.99	22.06	21.94
5	64QAM	25	0	21.90	22.06	21.94
5	256QAM	1	0	18.23	18.27	18.22
5	256QAM	1	12	18.09	18.15	18.22
5	256QAM	1	24	18.11	18.13	18.13
5	256QAM	12	0	18.10	18.13	18.10
5	256QAM	12	7	18.27	18.29	18.21
5	256QAM	12	13	18.21	18.24	18.08
5	256QAM	25	0	18.11	18.29	18.16



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.57	25.63	25.46
20	QPSK	1	49	25.48	25.38	25.36
20	QPSK	1	99	25.57	25.53	25.35
20	QPSK	50	0	24.80	24.81	24.54
20	QPSK	50	24	24.76	24.67	24.49
20	QPSK	50	50	24.78	24.63	24.36
20	QPSK	100	0	24.77	24.68	24.46
20	16QAM	1	0	24.85	24.81	24.76
20	16QAM	1	49	24.78	24.75	24.71
20	16QAM	1	99	24.71	24.80	24.68
20	16QAM	50	0	23.86	23.68	23.53
20	16QAM	50	24	23.80	23.71	23.56
20	16QAM	50	50	23.77	23.56	23.52
20	16QAM	100	0	23.68	23.71	23.66
20	64QAM	1	0	23.76	23.74	23.68
20	64QAM	1	49	23.75	23.65	23.58
20	64QAM	1	99	23.69	23.69	23.63
20	64QAM	50	0	23.81	23.62	23.39
20	64QAM	50	24	23.71	23.65	23.57
20	64QAM	50	50	23.58	23.60	23.51
20	64QAM	100	0	23.77	23.76	23.66
20	256QAM	1	0	19.52	19.50	19.44
20	256QAM	1	49	19.51	19.41	19.34
20	256QAM	1	99	19.45	19.45	19.39
20	256QAM	50	0	19.57	19.38	19.15
20	256QAM	50	24	19.47	19.41	19.33
20	256QAM	50	50	19.34	19.36	19.27
20	256QAM	100	0	19.53	19.52	19.42



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.52	25.62	25.37
15	QPSK	1	37	25.47	25.36	25.37
15	QPSK	1	74	25.48	25.43	25.34
15	QPSK	36	0	24.69	24.77	24.53
15	QPSK	36	20	24.65	24.63	24.43
15	QPSK	36	39	24.77	24.60	24.34
15	QPSK	75	0	24.68	24.60	24.39
15	16QAM	1	0	24.81	24.70	24.70
15	16QAM	1	37	24.69	24.73	24.61
15	16QAM	1	74	24.67	24.70	24.56
15	16QAM	36	0	23.79	23.60	23.48
15	16QAM	36	20	23.79	23.65	23.53
15	16QAM	36	39	23.66	23.47	23.51
15	16QAM	75	0	23.64	23.70	23.63
15	64QAM	1	0	23.65	23.68	23.58
15	64QAM	1	37	23.72	23.61	23.49
15	64QAM	1	74	23.66	23.58	23.59
15	64QAM	36	0	23.69	23.52	23.34
15	64QAM	36	20	23.60	23.55	23.53
15	64QAM	36	39	23.53	23.52	23.47
15	64QAM	75	0	23.70	23.64	23.64
15	256QAM	1	0	19.42	19.47	19.35
15	256QAM	1	37	19.41	19.33	19.31
15	256QAM	1	74	19.37	19.38	19.33
15	256QAM	36	0	19.52	19.28	19.09
15	256QAM	36	20	19.39	19.31	19.29
15	256QAM	36	39	19.28	19.33	19.16
15	256QAM	75	0	19.45	19.45	19.31



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.48	25.58	25.37
10	QPSK	1	25	25.40	25.34	25.36
10	QPSK	1	49	25.53	25.43	25.38
10	QPSK	25	0	24.76	24.73	24.47
10	QPSK	25	12	24.75	24.66	24.39
10	QPSK	25	25	24.77	24.61	24.34
10	QPSK	50	0	24.73	24.67	24.41
10	16QAM	1	0	24.81	24.72	24.69
10	16QAM	1	25	24.72	24.65	24.62
10	16QAM	1	49	24.68	24.79	24.62
10	16QAM	25	0	23.75	23.60	23.44
10	16QAM	25	12	23.77	23.66	23.45
10	16QAM	25	25	23.70	23.49	23.42
10	16QAM	50	0	23.58	23.67	23.64
10	64QAM	1	0	23.71	23.64	23.62
10	64QAM	1	25	23.72	23.57	23.49
10	64QAM	1	49	23.57	23.61	23.53
10	64QAM	25	0	23.70	23.52	23.38
10	64QAM	25	12	23.67	23.55	23.55
10	64QAM	25	25	23.57	23.57	23.44
10	64QAM	50	0	23.76	23.72	23.62
10	256QAM	1	0	19.45	19.48	19.37
10	256QAM	1	25	19.45	19.29	19.27
10	256QAM	1	49	19.41	19.35	19.28
10	256QAM	25	0	19.53	19.27	19.09
10	256QAM	25	12	19.41	19.38	19.22
10	256QAM	25	25	19.33	19.26	19.18
10	256QAM	50	0	19.46	19.45	19.38



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.46	25.60	25.45
5	QPSK	1	12	25.46	25.38	25.41
5	QPSK	1	24	25.52	25.41	25.40
5	QPSK	12	0	24.76	24.74	24.48
5	QPSK	12	7	24.68	24.59	24.45
5	QPSK	12	13	24.66	24.56	24.35
5	QPSK	25	0	24.66	24.61	24.35
5	16QAM	1	0	24.75	24.75	24.74
5	16QAM	1	12	24.68	24.64	24.64
5	16QAM	1	24	24.60	24.68	24.58
5	16QAM	12	0	23.75	23.64	23.42
5	16QAM	12	7	23.69	23.64	23.47
5	16QAM	12	13	23.69	23.49	23.44
5	16QAM	25	0	23.63	23.66	23.60
5	64QAM	1	0	23.70	23.66	23.59
5	64QAM	1	12	23.64	23.58	23.54
5	64QAM	1	24	23.59	23.67	23.61
5	64QAM	12	0	23.74	23.59	23.37
5	64QAM	12	7	23.59	23.53	23.47
5	64QAM	12	13	23.49	23.49	23.42
5	64QAM	25	0	23.69	23.71	23.63
5	256QAM	1	0	19.50	19.45	19.32
5	256QAM	1	12	19.41	19.33	19.22
5	256QAM	1	24	19.35	19.35	19.32
5	256QAM	12	0	19.50	19.37	19.11
5	256QAM	12	7	19.42	19.40	19.28
5	256QAM	12	13	19.27	19.25	19.26
5	256QAM	25	0	19.50	19.46	19.38



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	24.01	24.07	23.90
20	QPSK	1	49	23.92	23.82	23.80
20	QPSK	1	99	24.01	23.97	23.79
20	QPSK	50	0	23.24	23.25	23.22
20	QPSK	50	24	23.20	23.11	22.93
20	QPSK	50	50	23.22	23.07	22.80
20	QPSK	100	0	23.21	23.12	22.90
20	16QAM	1	0	23.29	23.25	23.20
20	16QAM	1	49	23.22	23.19	23.15
20	16QAM	1	99	23.15	23.24	23.12
20	16QAM	50	0	22.30	22.12	21.97
20	16QAM	50	24	22.24	22.15	22.00
20	16QAM	50	50	22.21	22.00	21.96
20	16QAM	100	0	22.12	22.15	22.10
20	64QAM	1	0	22.20	22.18	22.12
20	64QAM	1	49	22.19	22.09	22.02
20	64QAM	1	99	22.13	22.13	22.07
20	64QAM	50	0	22.25	22.06	21.83
20	64QAM	50	24	22.15	22.09	22.01
20	64QAM	50	50	22.02	22.04	21.95
20	64QAM	100	0	22.21	22.20	22.10
20	256QAM	1	0	18.40	18.38	18.32
20	256QAM	1	49	18.39	18.29	18.22
20	256QAM	1	99	18.33	18.33	18.27
20	256QAM	50	0	18.45	18.26	18.03
20	256QAM	50	24	18.35	18.29	18.21
20	256QAM	50	50	18.22	18.24	18.15
20	256QAM	100	0	18.41	18.40	18.30



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.96	24.06	23.81
15	QPSK	1	37	23.91	23.80	23.81
15	QPSK	1	74	23.92	23.87	23.78
15	QPSK	36	0	23.13	23.21	22.97
15	QPSK	36	20	23.09	23.07	22.87
15	QPSK	36	39	23.21	23.04	22.78
15	QPSK	75	0	23.12	23.04	22.83
15	16QAM	1	0	23.25	23.14	23.14
15	16QAM	1	37	23.13	23.17	23.05
15	16QAM	1	74	23.11	23.14	23.00
15	16QAM	36	0	22.23	22.04	21.92
15	16QAM	36	20	22.23	22.09	21.97
15	16QAM	36	39	22.10	21.91	21.95
15	16QAM	75	0	22.08	22.14	22.07
15	64QAM	1	0	22.09	22.12	22.02
15	64QAM	1	37	22.16	22.05	21.93
15	64QAM	1	74	22.10	22.02	22.03
15	64QAM	36	0	22.13	21.96	21.78
15	64QAM	36	20	22.04	21.99	21.97
15	64QAM	36	39	21.97	21.96	21.91
15	64QAM	75	0	22.14	22.08	22.08
15	256QAM	1	0	18.30	18.35	18.23
15	256QAM	1	37	18.29	18.21	18.19
15	256QAM	1	74	18.25	18.26	18.21
15	256QAM	36	0	18.40	18.16	17.97
15	256QAM	36	20	18.27	18.19	18.17
15	256QAM	36	39	18.16	18.21	18.04
15	256QAM	75	0	18.33	18.33	18.19



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.92	24.02	23.81
10	QPSK	1	25	23.84	23.78	23.80
10	QPSK	1	49	23.97	23.87	23.82
10	QPSK	25	0	23.20	23.17	22.91
10	QPSK	25	12	23.19	23.10	22.83
10	QPSK	25	25	23.21	23.05	22.78
10	QPSK	50	0	23.17	23.11	22.85
10	16QAM	1	0	23.25	23.16	23.13
10	16QAM	1	25	23.16	23.09	23.06
10	16QAM	1	49	23.12	23.23	23.06
10	16QAM	25	0	22.19	22.04	21.88
10	16QAM	25	12	22.21	22.10	21.89
10	16QAM	25	25	22.14	21.93	21.86
10	16QAM	50	0	22.02	22.11	22.08
10	64QAM	1	0	22.15	22.08	22.06
10	64QAM	1	25	22.16	22.01	21.93
10	64QAM	1	49	22.01	22.05	21.97
10	64QAM	25	0	22.14	21.96	21.82
10	64QAM	25	12	22.11	21.99	21.99
10	64QAM	25	25	22.01	22.01	21.88
10	64QAM	50	0	22.20	22.16	22.06
10	256QAM	1	0	18.33	18.36	18.25
10	256QAM	1	25	18.33	18.17	18.15
10	256QAM	1	49	18.29	18.23	18.16
10	256QAM	25	0	18.41	18.15	17.97
10	256QAM	25	12	18.29	18.26	18.10
10	256QAM	25	25	18.21	18.14	18.06
10	256QAM	50	0	18.34	18.33	18.26



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.90	24.04	23.89
5	QPSK	1	12	23.90	23.82	23.85
5	QPSK	1	24	23.96	23.85	23.84
5	QPSK	12	0	23.20	23.18	22.92
5	QPSK	12	7	23.12	23.03	22.89
5	QPSK	12	13	23.10	23.00	22.79
5	QPSK	25	0	23.10	23.05	22.79
5	16QAM	1	0	23.19	23.19	23.18
5	16QAM	1	12	23.12	23.08	23.08
5	16QAM	1	24	23.04	23.12	23.02
5	16QAM	12	0	22.19	22.08	21.86
5	16QAM	12	7	22.13	22.08	21.91
5	16QAM	12	13	22.13	21.93	21.88
5	16QAM	25	0	22.07	22.10	22.04
5	64QAM	1	0	22.14	22.10	22.03
5	64QAM	1	12	22.08	22.02	21.98
5	64QAM	1	24	22.03	22.11	22.05
5	64QAM	12	0	22.18	22.03	21.81
5	64QAM	12	7	22.03	21.97	21.91
5	64QAM	12	13	21.93	21.93	21.86
5	64QAM	25	0	22.13	22.15	22.07
5	256QAM	1	0	18.38	18.33	18.20
5	256QAM	1	12	18.29	18.21	18.10
5	256QAM	1	24	18.23	18.23	18.20
5	256QAM	12	0	18.38	18.25	17.99
5	256QAM	12	7	18.30	18.28	18.16
5	256QAM	12	13	18.15	18.13	18.14
5	256QAM	25	0	18.38	18.34	18.26



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	24.28	24.31	24.22
20	QPSK	1	49	24.00	24.12	23.97
20	QPSK	1	99	24.08	24.08	24.05
20	QPSK	50	0	23.20	23.25	23.23
20	QPSK	50	24	23.13	23.21	23.20
20	QPSK	50	50	23.24	23.19	23.21
20	QPSK	100	0	23.20	23.25	23.22
20	16QAM	1	0	23.50	23.45	23.47
20	16QAM	1	49	23.37	23.46	23.23
20	16QAM	1	99	23.31	23.38	23.46
20	16QAM	50	0	22.17	22.10	22.09
20	16QAM	50	24	22.29	22.24	22.12
20	16QAM	50	50	22.22	22.21	22.18
20	16QAM	100	0	22.23	22.20	22.10
20	64QAM	1	0	22.46	22.43	22.44
20	64QAM	1	49	22.34	22.44	22.18
20	64QAM	1	99	22.25	22.38	22.39
20	64QAM	50	0	22.14	22.09	22.09
20	64QAM	50	24	22.21	22.19	22.11
20	64QAM	50	50	22.14	22.15	22.15
20	64QAM	100	0	22.25	22.14	22.03
20	256QAM	1	0	18.35	18.30	18.37
20	256QAM	1	49	18.18	18.35	18.08
20	256QAM	1	99	18.20	18.27	18.35
20	256QAM	50	0	18.00	17.93	17.94
20	256QAM	50	24	18.10	18.14	17.95
20	256QAM	50	50	18.13	18.06	18.04
20	256QAM	100	0	18.09	18.12	17.95



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.90	24.10	24.06
15	QPSK	1	37	23.98	24.05	23.87
15	QPSK	1	74	24.02	24.07	24.01
15	QPSK	36	0	22.98	23.02	23.01
15	QPSK	36	20	23.04	23.17	23.19
15	QPSK	36	39	23.15	23.15	23.16
15	QPSK	75	0	23.00	23.04	23.16
15	16QAM	1	0	23.48	23.38	23.45
15	16QAM	1	37	23.32	23.42	23.19
15	16QAM	1	74	23.26	23.29	23.39
15	16QAM	36	0	22.15	22.05	22.07
15	16QAM	36	20	22.18	22.22	22.11
15	16QAM	36	39	22.16	22.12	22.10
15	16QAM	75	0	22.16	22.12	22.00
15	64QAM	1	0	22.41	22.39	22.37
15	64QAM	1	37	22.25	22.34	22.14
15	64QAM	1	74	22.14	22.33	22.37
15	64QAM	36	0	22.02	22.08	22.01
15	64QAM	36	20	22.11	22.09	22.10
15	64QAM	36	39	22.05	22.13	22.05
15	64QAM	75	0	22.23	22.12	21.96
15	256QAM	1	0	18.32	18.25	18.31
15	256QAM	1	37	18.12	18.27	18.02
15	256QAM	1	74	18.09	18.22	18.33
15	256QAM	36	0	18.04	18.03	18.03
15	256QAM	36	20	18.11	18.28	18.01
15	256QAM	36	39	18.13	18.14	18.15
15	256QAM	75	0	18.09	18.23	18.04



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	24.00	24.10	24.08
10	QPSK	1	25	23.88	24.09	23.89
10	QPSK	1	49	23.98	24.02	23.96
10	QPSK	25	0	22.98	23.06	23.07
10	QPSK	25	12	23.06	23.14	23.12
10	QPSK	25	25	23.15	23.14	23.15
10	QPSK	50	0	23.06	22.95	23.21
10	16QAM	1	0	23.49	23.39	23.43
10	16QAM	1	25	23.30	23.42	23.15
10	16QAM	1	49	23.27	23.33	23.38
10	16QAM	25	0	22.05	22.07	22.01
10	16QAM	25	12	22.26	22.18	22.07
10	16QAM	25	25	22.11	22.18	22.11
10	16QAM	50	0	22.18	22.11	22.06
10	64QAM	1	0	22.34	22.41	22.34
10	64QAM	1	25	22.32	22.38	22.12
10	64QAM	1	49	22.14	22.35	22.33
10	64QAM	25	0	22.12	22.08	22.00
10	64QAM	25	12	22.17	22.16	22.01
10	64QAM	25	25	22.03	22.13	22.06
10	64QAM	50	0	22.17	22.04	22.02
10	256QAM	1	0	18.47	18.38	18.46
10	256QAM	1	25	18.30	18.49	18.17
10	256QAM	1	49	18.27	18.41	18.41
10	256QAM	25	0	18.05	18.02	18.03
10	256QAM	25	12	18.25	18.29	18.04
10	256QAM	25	25	18.19	18.16	18.17
10	256QAM	50	0	18.22	18.20	18.05



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.96	24.13	24.07
5	QPSK	1	12	23.97	24.04	23.91
5	QPSK	1	24	24.03	24.00	24.00
5	QPSK	12	0	23.06	23.09	23.07
5	QPSK	12	7	23.07	23.17	23.11
5	QPSK	12	13	23.18	23.15	23.14
5	QPSK	25	0	23.02	23.01	23.21
5	16QAM	1	0	23.44	23.41	23.44
5	16QAM	1	12	23.25	23.42	23.17
5	16QAM	1	24	23.24	23.35	23.36
5	16QAM	12	0	22.12	22.00	22.03
5	16QAM	12	7	22.23	22.17	22.02
5	16QAM	12	13	22.10	22.19	22.14
5	16QAM	25	0	22.22	22.17	22.05
5	64QAM	1	0	22.36	22.35	22.41
5	64QAM	1	12	22.22	22.41	22.15
5	64QAM	1	24	22.16	22.30	22.37
5	64QAM	12	0	22.11	22.00	22.03
5	64QAM	12	7	22.19	22.16	22.03
5	64QAM	12	13	22.12	22.14	22.11
5	64QAM	25	0	22.13	22.13	21.98
5	256QAM	1	0	18.47	18.39	18.45
5	256QAM	1	12	18.24	18.41	18.17
5	256QAM	1	24	18.30	18.41	18.44
5	256QAM	12	0	18.09	18.06	18.00
5	256QAM	12	7	18.15	18.21	18.10
5	256QAM	12	13	18.26	18.18	18.16
5	256QAM	25	0	18.21	18.21	18.03



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.96	24.06	24.03
3	QPSK	1	8	23.88	24.06	23.93
3	QPSK	1	14	23.98	23.99	24.04
3	QPSK	8	0	23.05	23.03	23.06
3	QPSK	8	4	23.09	23.12	23.12
3	QPSK	8	7	23.15	23.15	23.12
3	QPSK	15	0	23.04	22.95	23.12
3	16QAM	1	0	23.45	23.42	23.37
3	16QAM	1	8	23.33	23.38	23.21
3	16QAM	1	14	23.19	23.35	23.45
3	16QAM	8	0	22.07	22.07	22.02
3	16QAM	8	4	22.20	22.17	22.10
3	16QAM	8	7	22.14	22.13	22.17
3	16QAM	15	0	22.13	22.11	22.05
3	64QAM	1	0	22.45	22.36	22.43
3	64QAM	1	8	22.32	22.39	22.16
3	64QAM	1	14	22.20	22.32	22.29
3	64QAM	8	0	22.05	22.07	21.99
3	64QAM	8	4	22.20	22.09	22.10
3	64QAM	8	7	22.10	22.05	22.09
3	64QAM	15	0	22.21	22.08	21.97
3	256QAM	1	0	18.40	18.38	18.50
3	256QAM	1	8	18.32	18.44	18.14
3	256QAM	1	14	18.29	18.35	18.46
3	256QAM	8	0	18.04	18.06	18.09
3	256QAM	8	4	18.23	18.23	18.04
3	256QAM	8	7	18.21	18.13	18.14
3	256QAM	15	0	18.23	18.19	18.02



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.95	24.11	24.07
1.4	QPSK	1	3	23.98	24.06	23.95
1.4	QPSK	1	5	23.99	24.07	23.95
1.4	QPSK	3	0	24.09	24.07	24.21
1.4	QPSK	3	1	24.12	24.14	24.10
1.4	QPSK	3	3	24.17	24.14	24.11
1.4	QPSK	6	0	23.08	22.95	23.19
1.4	16QAM	1	0	23.42	23.38	23.37
1.4	16QAM	1	3	23.29	23.41	23.14
1.4	16QAM	1	5	23.29	23.36	23.40
1.4	16QAM	3	0	23.06	23.28	23.07
1.4	16QAM	3	1	23.26	23.23	23.09
1.4	16QAM	3	3	23.13	23.16	23.15
1.4	16QAM	6	0	22.16	22.12	22.13
1.4	64QAM	1	0	22.42	22.35	22.34
1.4	64QAM	1	3	22.26	22.42	22.15
1.4	64QAM	1	5	22.23	22.30	22.33
1.4	64QAM	3	0	22.16	22.11	22.07
1.4	64QAM	3	1	22.10	22.15	22.09
1.4	64QAM	3	3	22.10	22.11	22.14
1.4	64QAM	6	0	22.22	22.09	22.01
1.4	256QAM	1	0	18.49	18.45	18.49
1.4	256QAM	1	3	18.24	18.44	18.23
1.4	256QAM	1	5	18.26	18.37	18.48
1.4	256QAM	3	0	18.13	18.01	18.04
1.4	256QAM	3	1	18.25	18.20	18.09
1.4	256QAM	3	3	18.18	18.20	18.19
1.4	256QAM	6	0	18.14	18.23	18.04



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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	23.29	23.31	23.24
20	QPSK	1	49	23.28	23.30	23.23
20	QPSK	1	99	23.20	23.27	23.24
20	QPSK	50	0	22.34	22.46	22.35
20	QPSK	50	24	22.38	22.32	22.30
20	QPSK	50	50	22.35	22.38	22.31
20	QPSK	100	0	22.38	22.39	22.28
20	16QAM	1	0	22.65	22.56	22.39
20	16QAM	1	49	22.53	22.62	22.57
20	16QAM	1	99	22.63	22.40	22.67
20	16QAM	50	0	21.34	21.29	21.33
20	16QAM	50	24	21.55	21.40	21.39
20	16QAM	50	50	21.42	21.45	21.47
20	16QAM	100	0	21.40	21.42	21.38
20	64QAM	1	0	21.50	21.64	21.59
20	64QAM	1	49	21.53	21.57	21.47
20	64QAM	1	99	21.63	21.51	21.33
20	64QAM	50	0	21.48	21.37	21.37
20	64QAM	50	24	21.31	21.32	21.39
20	64QAM	50	50	21.44	21.37	21.42
20	64QAM	100	0	21.36	21.39	21.38
20	256QAM	1	0	17.51	17.66	17.61
20	256QAM	1	49	17.54	17.59	17.49
20	256QAM	1	99	17.64	17.53	17.35
20	256QAM	50	0	17.49	17.39	17.39
20	256QAM	50	24	17.32	17.34	17.41
20	256QAM	50	50	17.45	17.39	17.44
20	256QAM	100	0	17.37	17.41	17.40



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	23.03	23.08	22.99
15	QPSK	1	37	23.07	23.08	23.02
15	QPSK	1	74	22.93	23.08	23.05
15	QPSK	36	0	22.12	22.18	22.07
15	QPSK	36	20	22.26	22.07	22.08
15	QPSK	36	39	22.16	22.13	22.04
15	QPSK	75	0	22.15	22.13	22.00
15	16QAM	1	0	22.31	22.20	22.03
15	16QAM	1	37	22.30	22.42	22.22
15	16QAM	1	74	22.35	22.50	22.36
15	16QAM	36	0	21.15	21.02	21.09
15	16QAM	36	20	21.21	21.01	21.01
15	16QAM	36	39	21.08	21.13	21.15
15	16QAM	75	0	21.00	21.08	21.07
15	64QAM	1	0	21.17	21.33	21.24
15	64QAM	1	37	21.17	21.17	21.12
15	64QAM	1	74	21.31	21.16	20.97
15	64QAM	36	0	21.15	20.97	21.00
15	64QAM	36	20	20.92	20.99	21.02
15	64QAM	36	39	21.10	21.05	21.04
15	64QAM	75	0	21.00	21.06	21.07
15	256QAM	1	0	17.20	17.28	17.23
15	256QAM	1	37	17.15	17.26	17.09
15	256QAM	1	74	17.28	17.13	17.00
15	256QAM	36	0	17.16	17.06	17.04
15	256QAM	36	20	16.95	16.99	17.09
15	256QAM	36	39	17.05	16.99	17.07
15	256QAM	75	0	17.09	17.17	17.15



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				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.10	23.11	23.04
10	QPSK	1	25	23.03	23.07	22.99
10	QPSK	1	49	22.94	23.08	22.98
10	QPSK	25	0	22.10	22.27	22.12
10	QPSK	25	12	22.06	21.93	21.99
10	QPSK	25	25	21.96	22.06	21.94
10	QPSK	50	0	21.99	22.05	21.92
10	16QAM	1	0	22.29	22.21	22.02
10	16QAM	1	25	22.29	22.46	22.26
10	16QAM	1	49	22.31	22.51	22.32
10	16QAM	25	0	21.08	21.07	21.10
10	16QAM	25	12	21.17	21.03	21.05
10	16QAM	25	25	21.11	21.06	21.13
10	16QAM	50	0	21.09	21.06	20.99
10	64QAM	1	0	21.10	21.25	21.27
10	64QAM	1	25	21.21	21.26	21.15
10	64QAM	1	49	21.28	21.14	20.93
10	64QAM	25	0	21.17	20.97	20.98
10	64QAM	25	12	20.93	20.99	21.03
10	64QAM	25	25	21.10	21.05	21.06
10	64QAM	50	0	20.99	21.00	21.06
10	256QAM	1	0	17.12	17.27	17.21
10	256QAM	1	25	17.22	17.25	17.12
10	256QAM	1	49	17.31	17.20	17.00
10	256QAM	25	0	17.15	17.07	17.03
10	256QAM	25	12	16.96	16.96	17.03
10	256QAM	25	25	17.09	17.07	17.09
10	256QAM	50	0	17.02	17.08	17.06



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	23.09	23.09	23.00
5	QPSK	1	12	23.00	23.02	23.04
5	QPSK	1	24	23.01	23.07	22.97
5	QPSK	12	0	22.07	22.23	22.11
5	QPSK	12	7	22.09	21.97	21.91
5	QPSK	12	13	22.02	22.02	21.91
5	QPSK	25	0	22.06	22.05	21.90
5	16QAM	1	0	22.01	22.00	21.81
5	16QAM	1	12	22.04	22.20	22.01
5	16QAM	1	24	22.09	22.20	22.05
5	16QAM	12	0	20.90	20.80	20.87
5	16QAM	12	7	20.91	20.81	20.77
5	16QAM	12	13	20.83	20.83	20.89
5	16QAM	25	0	20.77	20.79	20.75
5	64QAM	1	0	20.87	21.07	20.99
5	64QAM	1	12	20.90	20.98	20.88
5	64QAM	1	24	21.06	20.94	20.75
5	64QAM	12	0	21.16	21.06	21.04
5	64QAM	12	7	20.98	20.95	21.03
5	64QAM	12	13	21.10	20.98	21.11
5	64QAM	25	0	21.05	21.06	20.99
5	256QAM	1	0	17.20	17.28	17.28
5	256QAM	1	12	17.19	17.21	17.16
5	256QAM	1	24	17.24	17.14	17.01
5	256QAM	12	0	17.18	17.06	17.06
5	256QAM	12	7	16.94	16.94	17.06
5	256QAM	12	13	17.08	17.02	17.05
5	256QAM	25	0	16.97	17.08	17.03



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	23.00	23.10	22.96
3	QPSK	1	8	23.04	23.09	23.00
3	QPSK	1	14	22.84	22.87	22.85
3	QPSK	8	0	21.97	22.09	22.01
3	QPSK	8	4	22.05	21.99	21.98
3	QPSK	8	7	22.01	22.00	21.98
3	QPSK	15	0	21.98	22.00	21.92
3	16QAM	1	0	22.01	22.01	21.78
3	16QAM	1	8	22.05	22.19	22.01
3	16QAM	1	14	22.11	22.22	22.10
3	16QAM	8	0	20.85	20.78	20.84
3	16QAM	8	4	20.98	20.78	20.79
3	16QAM	8	7	20.78	20.84	20.90
3	16QAM	15	0	20.77	20.80	20.81
3	64QAM	1	0	20.95	21.03	21.03
3	64QAM	1	8	20.95	20.97	20.84
3	64QAM	1	14	21.07	20.92	20.69
3	64QAM	8	0	21.12	20.97	20.97
3	64QAM	8	4	20.96	20.95	20.99
3	64QAM	8	7	21.05	20.99	21.08
3	64QAM	15	0	20.99	21.01	21.05
3	256QAM	1	0	17.14	17.26	17.30
3	256QAM	1	8	17.21	17.25	17.16
3	256QAM	1	14	17.29	17.19	17.00
3	256QAM	8	0	17.13	17.04	17.00
3	256QAM	8	4	16.93	17.01	17.02
3	256QAM	8	7	17.13	17.08	17.05
3	256QAM	15	0	16.97	17.06	17.01



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				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.00	23.08	22.97
1.4	QPSK	1	3	23.00	23.03	22.96
1.4	QPSK	1	5	22.84	22.95	22.89
1.4	QPSK	3	0	22.98	22.93	22.98
1.4	QPSK	3	1	22.97	22.97	22.95
1.4	QPSK	3	3	22.95	22.99	22.99
1.4	QPSK	6	0	21.99	21.99	21.88
1.4	16QAM	1	0	22.02	21.99	21.76
1.4	16QAM	1	3	22.11	22.19	22.02
1.4	16QAM	1	5	22.06	22.22	22.12
1.4	16QAM	3	0	21.84	21.84	21.87
1.4	16QAM	3	1	21.99	21.78	21.75
1.4	16QAM	3	3	21.81	21.88	21.83
1.4	16QAM	6	0	20.79	20.78	20.75
1.4	64QAM	1	0	20.86	21.01	21.04
1.4	64QAM	1	3	20.96	20.98	20.90
1.4	64QAM	1	5	21.02	20.96	20.74
1.4	64QAM	3	0	20.86	20.79	20.82
1.4	64QAM	3	1	20.73	20.77	20.83
1.4	64QAM	3	3	20.83	20.76	20.83
1.4	64QAM	6	0	20.97	20.99	21.00
1.4	256QAM	1	0	17.18	17.28	17.26
1.4	256QAM	1	3	17.22	17.27	17.12
1.4	256QAM	1	5	17.27	17.21	16.97
1.4	256QAM	3	0	17.12	17.08	17.04
1.4	256QAM	3	1	16.94	16.95	17.04
1.4	256QAM	3	3	17.08	17.05	17.09
1.4	256QAM	6	0	17.01	17.10	17.08



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.10	23.14	23.13
20	QPSK	1	49	23.04	23.05	23.06
20	QPSK	1	99	22.96	22.98	23.01
20	QPSK	50	0	22.15	22.21	22.08
20	QPSK	50	24	22.13	22.16	22.17
20	QPSK	50	50	22.10	22.13	22.19
20	QPSK	100	0	22.07	22.16	22.11
20	16QAM	1	0	21.80	22.05	22.11
20	16QAM	1	49	22.05	22.11	21.96
20	16QAM	1	99	22.12	22.11	22.22
20	16QAM	50	0	21.18	21.14	21.19
20	16QAM	50	24	21.21	21.10	21.14
20	16QAM	50	50	21.26	21.12	21.13
20	16QAM	100	0	21.18	21.17	21.15
20	64QAM	1	0	21.30	21.24	21.28
20	64QAM	1	49	21.10	21.12	21.28
20	64QAM	1	99	21.20	21.21	21.32
20	64QAM	50	0	21.12	21.09	21.10
20	64QAM	50	24	21.11	21.13	21.26
20	64QAM	50	50	21.15	21.12	21.30
20	64QAM	100	0	21.13	21.10	21.21
20	256QAM	1	0	17.33	17.27	17.31
20	256QAM	1	49	17.13	17.15	17.31
20	256QAM	1	99	17.23	17.24	17.35
20	256QAM	50	0	17.15	17.12	17.13
20	256QAM	50	24	17.14	17.16	17.29
20	256QAM	50	50	17.18	17.15	17.33
20	256QAM	100	0	17.16	17.13	17.24



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	23.01	23.02	22.99
15	QPSK	1	37	22.94	22.90	22.99
15	QPSK	1	74	22.85	22.88	22.92
15	QPSK	36	0	22.01	22.10	22.01
15	QPSK	36	20	22.05	22.05	22.08
15	QPSK	36	39	21.99	21.99	22.07
15	QPSK	75	0	21.94	22.07	22.01
15	16QAM	1	0	22.14	22.33	21.96
15	16QAM	1	37	22.42	22.37	22.37
15	16QAM	1	74	22.04	22.05	22.11
15	16QAM	36	0	21.05	21.08	21.11
15	16QAM	36	20	21.09	21.04	21.08
15	16QAM	36	39	21.14	20.98	21.07
15	16QAM	75	0	21.10	21.11	21.08
15	64QAM	1	0	21.18	21.17	21.13
15	64QAM	1	37	21.15	21.18	21.17
15	64QAM	1	74	21.05	21.11	21.26
15	64QAM	36	0	21.06	21.01	21.03
15	64QAM	36	20	21.01	20.98	21.14
15	64QAM	36	39	21.00	21.03	21.19
15	64QAM	75	0	21.03	20.96	21.14
15	256QAM	1	0	17.26	17.12	17.18
15	256QAM	1	37	17.03	17.01	17.25
15	256QAM	1	74	17.17	17.13	17.21
15	256QAM	36	0	17.08	16.99	16.99
15	256QAM	36	20	17.01	17.07	17.23
15	256QAM	36	39	17.09	17.02	17.18
15	256QAM	75	0	17.02	17.07	17.17



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.98	23.07	23.02
10	QPSK	1	25	22.92	22.94	22.94
10	QPSK	1	49	22.87	22.84	22.87
10	QPSK	25	0	22.02	22.13	21.95
10	QPSK	25	12	22.00	22.08	22.09
10	QPSK	25	25	21.99	22.05	22.12
10	QPSK	50	0	21.94	22.02	22.04
10	16QAM	1	0	22.15	22.38	22.05
10	16QAM	1	25	22.36	22.44	22.32
10	16QAM	1	49	22.20	22.04	22.12
10	16QAM	25	0	21.09	21.02	21.10
10	16QAM	25	12	21.15	20.95	21.03
10	16QAM	25	25	21.16	21.05	21.02
10	16QAM	50	0	21.12	21.05	21.06
10	64QAM	1	0	21.15	21.11	21.19
10	64QAM	1	25	21.04	21.05	21.22
10	64QAM	1	49	21.10	21.07	21.22
10	64QAM	25	0	21.04	21.01	21.03
10	64QAM	25	12	21.03	21.01	21.18
10	64QAM	25	25	21.04	21.00	21.15
10	64QAM	50	0	20.98	20.97	21.12
10	256QAM	1	0	17.26	17.21	17.16
10	256QAM	1	25	17.05	17.05	17.20
10	256QAM	1	49	17.10	17.18	17.21
10	256QAM	25	0	17.05	17.03	17.00
10	256QAM	25	12	17.08	17.06	17.15
10	256QAM	25	25	17.07	17.06	17.20
10	256QAM	50	0	17.08	17.06	17.09



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.97	23.03	23.00
5	QPSK	1	12	22.95	22.91	22.92
5	QPSK	1	24	22.88	22.88	22.88
5	QPSK	12	0	22.06	22.15	21.93
5	QPSK	12	7	22.00	22.10	22.02
5	QPSK	12	13	21.96	21.98	22.05
5	QPSK	25	0	21.97	22.08	21.97
5	16QAM	1	0	22.12	22.45	22.03
5	16QAM	1	12	22.42	22.46	22.31
5	16QAM	1	24	22.04	21.97	22.12
5	16QAM	12	0	21.04	21.06	21.09
5	16QAM	12	7	21.06	20.97	21.03
5	16QAM	12	13	21.18	21.05	20.99
5	16QAM	25	0	21.06	21.06	21.00
5	64QAM	1	0	21.24	21.18	21.16
5	64QAM	1	12	21.15	21.19	21.19
5	64QAM	1	24	21.14	21.10	21.25
5	64QAM	12	0	20.97	20.98	21.02
5	64QAM	12	7	21.04	21.05	21.15
5	64QAM	12	13	21.03	21.01	21.24
5	64QAM	25	0	20.98	20.97	21.15
5	256QAM	1	0	17.26	17.20	17.19
5	256QAM	1	12	17.05	17.09	17.23
5	256QAM	1	24	17.09	17.12	17.24
5	256QAM	12	0	17.08	17.02	17.04
5	256QAM	12	7	17.02	17.03	17.19
5	256QAM	12	13	17.10	17.06	17.26
5	256QAM	25	0	17.02	16.99	17.13



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.97	23.06	23.00
3	QPSK	1	8	22.98	22.91	23.00
3	QPSK	1	14	22.84	22.89	22.92
3	QPSK	8	0	22.01	22.11	22.00
3	QPSK	8	4	22.01	22.09	22.09
3	QPSK	8	7	21.96	22.06	22.04
3	QPSK	15	0	21.94	22.06	22.02
3	16QAM	1	0	22.12	22.39	22.01
3	16QAM	1	8	22.38	22.47	22.32
3	16QAM	1	14	22.00	22.00	22.14
3	16QAM	8	0	21.08	21.01	21.09
3	16QAM	8	4	21.10	21.03	21.05
3	16QAM	8	7	21.18	21.00	21.02
3	16QAM	15	0	21.06	21.05	21.06
3	64QAM	1	0	21.19	21.15	21.13
3	64QAM	1	8	21.18	21.18	21.18
3	64QAM	1	14	21.11	21.07	21.19
3	64QAM	8	0	21.01	20.99	21.01
3	64QAM	8	4	20.96	20.99	21.16
3	64QAM	8	7	21.07	21.01	21.20
3	64QAM	15	0	21.07	21.02	21.06
3	256QAM	1	0	17.19	17.21	17.19
3	256QAM	1	8	17.00	17.07	17.24
3	256QAM	1	14	17.08	17.16	17.21
3	256QAM	8	0	17.02	16.97	16.99
3	256QAM	8	4	16.99	17.08	17.21
3	256QAM	8	7	17.04	17.06	17.25
3	256QAM	15	0	17.06	17.03	17.18



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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.99	23.00	23.00
1.4	QPSK	1	3	22.93	22.90	22.98
1.4	QPSK	1	5	22.89	22.92	22.87
1.4	QPSK	3	0	23.06	23.13	22.98
1.4	QPSK	3	1	23.01	23.06	23.09
1.4	QPSK	3	3	23.04	23.04	23.04
1.4	QPSK	6	0	21.92	22.02	21.97
1.4	16QAM	1	0	22.18	22.38	22.04
1.4	16QAM	1	3	22.40	22.47	22.35
1.4	16QAM	1	5	21.98	22.01	22.11
1.4	16QAM	3	0	22.10	22.08	22.04
1.4	16QAM	3	1	22.14	21.98	22.03
1.4	16QAM	3	3	22.11	22.06	22.03
1.4	16QAM	6	0	21.12	21.07	21.09
1.4	64QAM	1	0	21.15	21.12	21.15
1.4	64QAM	1	3	21.04	20.99	21.20
1.4	64QAM	1	5	21.12	21.08	21.26
1.4	64QAM	3	0	20.98	20.98	21.04
1.4	64QAM	3	1	20.96	20.98	21.16
1.4	64QAM	3	3	21.02	21.05	21.16
1.4	64QAM	6	0	21.03	21.04	21.14
1.4	256QAM	1	0	17.26	17.14	17.20
1.4	256QAM	1	3	17.00	17.01	17.18
1.4	256QAM	1	5	17.13	17.13	17.22
1.4	256QAM	3	0	17.02	17.03	17.05
1.4	256QAM	3	1	17.00	17.10	17.23
1.4	256QAM	3	3	17.10	17.08	17.21
1.4	256QAM	6	0	17.09	17.01	17.09



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	24.07	24.13	24.09
20	QPSK	1	49	23.99	24.06	24.11
20	QPSK	1	99	24.10	24.11	24.12
20	QPSK	50	0	23.20	23.33	23.32
20	QPSK	50	24	23.27	23.32	23.31
20	QPSK	50	50	23.30	23.29	23.31
20	QPSK	100	0	23.35	23.36	23.28
20	16QAM	1	0	23.21	23.15	23.20
20	16QAM	1	49	23.28	23.27	23.19
20	16QAM	1	99	23.29	23.34	23.30
20	16QAM	50	0	22.19	22.34	22.40
20	16QAM	50	24	22.23	22.28	22.20
20	16QAM	50	50	22.22	22.33	22.18
20	16QAM	100	0	22.21	22.26	22.31
20	64QAM	1	0	22.24	22.28	22.32
20	64QAM	1	49	22.28	22.34	22.09
20	64QAM	1	99	22.23	22.10	22.00
20	64QAM	50	0	22.20	22.24	22.28
20	64QAM	50	24	22.20	22.33	22.12
20	64QAM	50	50	22.17	22.32	22.26
20	64QAM	100	0	22.25	22.24	22.14
20	256QAM	1	0	18.28	18.32	18.36
20	256QAM	1	49	18.32	18.38	18.13
20	256QAM	1	99	18.27	18.14	18.04
20	256QAM	50	0	18.24	18.28	18.32
20	256QAM	50	24	18.24	18.37	18.16
20	256QAM	50	50	18.21	18.36	18.30
20	256QAM	100	0	18.29	18.28	18.18



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	24.01	24.11	24.05
15	QPSK	1	37	23.91	23.98	24.03
15	QPSK	1	74	24.03	24.08	24.10
15	QPSK	36	0	23.17	23.32	23.24
15	QPSK	36	20	23.17	23.30	23.25
15	QPSK	36	39	23.24	23.28	23.29
15	QPSK	75	0	23.27	23.24	23.19
15	16QAM	1	0	23.17	23.14	23.12
15	16QAM	1	37	23.23	23.18	23.18
15	16QAM	1	74	23.26	23.33	23.20
15	16QAM	36	0	22.12	22.32	22.39
15	16QAM	36	20	22.20	22.19	22.15
15	16QAM	36	39	22.18	22.32	22.11
15	16QAM	75	0	22.19	22.25	22.30
15	64QAM	1	0	22.20	22.18	22.30
15	64QAM	1	37	22.19	22.29	22.05
15	64QAM	1	74	22.15	22.05	21.98
15	64QAM	36	0	22.10	22.16	22.19
15	64QAM	36	20	22.15	22.29	22.09
15	64QAM	36	39	22.07	22.28	22.25
15	64QAM	75	0	22.24	22.16	22.12
15	256QAM	1	0	18.25	18.27	18.30
15	256QAM	1	37	18.28	18.29	18.05
15	256QAM	1	74	18.22	18.07	18.00
15	256QAM	36	0	18.16	18.23	18.26
15	256QAM	36	20	18.22	18.33	18.13
15	256QAM	36	39	18.19	18.29	18.28
15	256QAM	75	0	18.28	18.26	18.17



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				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.95	24.08	24.06
10	QPSK	1	25	23.95	24.04	24.01
10	QPSK	1	49	24.02	24.02	24.05
10	QPSK	25	0	23.12	23.31	23.22
10	QPSK	25	12	23.22	23.28	23.26
10	QPSK	25	25	23.25	23.19	23.30
10	QPSK	50	0	23.34	23.31	23.26
10	16QAM	1	0	23.13	23.11	23.12
10	16QAM	1	25	23.24	23.25	23.09
10	16QAM	1	49	23.23	23.25	23.28
10	16QAM	25	0	22.17	22.25	22.38
10	16QAM	25	12	22.20	22.25	22.10
10	16QAM	25	25	22.19	22.25	22.12
10	16QAM	50	0	22.16	22.25	22.30
10	64QAM	1	0	22.23	22.26	22.31
10	64QAM	1	25	22.19	22.29	22.06
10	64QAM	1	49	22.19	22.00	21.92
10	64QAM	25	0	22.11	22.18	22.23
10	64QAM	25	12	22.16	22.32	22.10
10	64QAM	25	25	22.14	22.22	22.20
10	64QAM	50	0	22.18	22.23	22.06
10	256QAM	1	0	18.18	18.22	18.29
10	256QAM	1	25	18.25	18.37	18.08
10	256QAM	1	49	18.21	18.12	18.02
10	256QAM	25	0	18.23	18.26	18.26
10	256QAM	25	12	18.21	18.30	18.09
10	256QAM	25	25	18.15	18.28	18.24
10	256QAM	50	0	18.21	18.18	18.10



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	24.01	24.12	23.99
5	QPSK	1	12	23.96	24.02	24.08
5	QPSK	1	24	24.04	24.07	24.06
5	QPSK	12	0	23.17	23.29	23.25
5	QPSK	12	7	23.26	23.30	23.25
5	QPSK	12	13	23.22	23.25	23.28
5	QPSK	25	0	23.27	23.30	23.20
5	16QAM	1	0	23.20	23.06	23.13
5	16QAM	1	12	23.25	23.22	23.13
5	16QAM	1	24	23.21	23.32	23.26
5	16QAM	12	0	22.17	22.24	22.32
5	16QAM	12	7	22.15	22.24	22.14
5	16QAM	12	13	22.14	22.24	22.11
5	16QAM	25	0	22.12	22.16	22.25
5	64QAM	1	0	22.16	22.23	22.25
5	64QAM	1	12	22.23	22.32	22.00
5	64QAM	1	24	22.19	22.08	21.92
5	64QAM	12	0	22.16	22.16	22.22
5	64QAM	12	7	22.10	22.27	22.02
5	64QAM	12	13	22.16	22.27	22.16
5	64QAM	25	0	22.15	22.19	22.06
5	256QAM	1	0	18.25	18.31	18.26
5	256QAM	1	12	18.27	18.30	18.07
5	256QAM	1	24	18.23	18.13	17.96
5	256QAM	12	0	18.19	18.20	18.26
5	256QAM	12	7	18.15	18.27	18.09
5	256QAM	12	13	18.17	18.35	18.23
5	256QAM	25	0	18.28	18.24	18.16



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	23.15	23.21	23.13
20	QPSK	1	49	23.02	22.99	22.96
20	QPSK	1	99	23.00	22.91	22.89
20	QPSK	50	0	22.17	22.18	22.15
20	QPSK	50	24	22.14	22.10	22.12
20	QPSK	50	50	22.13	22.04	22.06
20	QPSK	100	0	22.12	22.18	22.12
20	16QAM	1	0	22.05	22.05	22.07
20	16QAM	1	49	22.14	22.11	22.10
20	16QAM	1	99	21.96	22.08	22.09
20	16QAM	50	0	21.17	21.02	21.03
20	16QAM	50	24	21.07	21.06	20.96
20	16QAM	50	50	21.02	21.00	21.01
20	16QAM	100	0	21.01	21.10	21.00
20	64QAM	1	0	21.08	21.09	21.02
20	64QAM	1	49	21.03	21.05	21.12
20	64QAM	1	99	21.10	21.07	21.05
20	64QAM	50	0	21.06	21.01	21.04
20	64QAM	50	24	21.06	21.12	21.03
20	64QAM	50	50	20.97	21.03	20.97
20	64QAM	100	0	21.12	21.11	20.91
20	256QAM	1	0	17.15	17.16	17.09
20	256QAM	1	49	17.10	17.12	17.19
20	256QAM	1	99	17.17	17.14	17.12
20	256QAM	50	0	17.13	17.08	17.11
20	256QAM	50	24	17.13	17.19	17.10
20	256QAM	50	50	17.04	17.10	17.04
20	256QAM	100	0	17.19	17.18	16.98



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	23.01	23.00	22.98
15	QPSK	1	37	22.94	22.95	22.92
15	QPSK	1	74	22.95	22.85	22.79
15	QPSK	36	0	22.18	21.94	22.05
15	QPSK	36	20	22.09	22.02	22.10
15	QPSK	36	39	22.03	21.98	22.05
15	QPSK	75	0	22.03	22.03	22.08
15	16QAM	1	0	22.00	21.94	21.95
15	16QAM	1	37	22.09	21.99	22.03
15	16QAM	1	74	21.91	22.05	21.98
15	16QAM	36	0	21.11	21.01	20.96
15	16QAM	36	20	20.97	20.95	20.95
15	16QAM	36	39	20.94	20.96	20.97
15	16QAM	75	0	20.95	21.08	20.98
15	64QAM	1	0	20.96	20.99	20.95
15	64QAM	1	37	20.97	20.93	21.09
15	64QAM	1	74	20.98	21.02	21.00
15	64QAM	36	0	21.02	20.97	20.96
15	64QAM	36	20	21.01	21.02	21.02
15	64QAM	36	39	20.90	20.99	20.93
15	64QAM	75	0	21.09	21.06	20.81
15	256QAM	1	0	17.08	17.12	17.05
15	256QAM	1	37	17.04	17.02	17.16
15	256QAM	1	74	17.15	17.07	17.02
15	256QAM	36	0	17.06	17.07	17.06
15	256QAM	36	20	17.05	17.13	17.02
15	256QAM	36	39	17.02	17.08	16.93
15	256QAM	75	0	17.12	17.10	16.97



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	23.00	22.98	22.98
10	QPSK	1	25	22.98	22.90	22.87
10	QPSK	1	49	22.98	22.81	22.86
10	QPSK	25	0	22.17	21.95	21.96
10	QPSK	25	12	22.11	22.00	22.04
10	QPSK	25	25	22.04	22.00	22.01
10	QPSK	50	0	22.04	22.08	22.10
10	16QAM	1	0	21.95	21.94	22.06
10	16QAM	1	25	22.02	22.08	21.99
10	16QAM	1	49	21.95	21.99	21.99
10	16QAM	25	0	21.11	21.00	20.97
10	16QAM	25	12	20.95	21.01	20.88
10	16QAM	25	25	20.98	20.97	20.89
10	16QAM	50	0	20.98	21.02	20.91
10	64QAM	1	0	20.98	21.02	20.93
10	64QAM	1	25	20.92	20.95	21.01
10	64QAM	1	49	21.04	20.96	21.00
10	64QAM	25	0	20.99	20.92	20.92
10	64QAM	25	12	20.94	21.09	20.97
10	64QAM	25	25	20.93	20.94	20.91
10	64QAM	50	0	21.08	21.00	20.89
10	256QAM	1	0	17.09	17.09	16.97
10	256QAM	1	25	17.06	17.02	17.14
10	256QAM	1	49	17.15	17.12	17.11
10	256QAM	25	0	17.09	17.07	16.99
10	256QAM	25	12	17.08	17.10	17.04
10	256QAM	25	25	17.01	17.09	16.92
10	256QAM	50	0	17.15	17.10	16.91



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	22.97	23.00	22.97
5	QPSK	1	12	22.91	22.87	22.88
5	QPSK	1	24	22.93	22.82	22.83
5	QPSK	12	0	22.17	21.93	22.03
5	QPSK	12	7	22.10	22.04	22.02
5	QPSK	12	13	22.09	21.94	21.98
5	QPSK	25	0	22.11	21.99	22.01
5	16QAM	1	0	21.94	21.97	21.98
5	16QAM	1	12	22.08	22.10	22.08
5	16QAM	1	24	21.90	21.97	22.02
5	16QAM	12	0	21.15	20.91	20.91
5	16QAM	12	7	20.97	21.01	20.84
5	16QAM	12	13	20.94	20.90	20.95
5	16QAM	25	0	20.97	21.00	20.89
5	64QAM	1	0	20.98	21.03	21.01
5	64QAM	1	12	20.99	20.96	21.09
5	64QAM	1	24	21.08	20.98	20.95
5	64QAM	12	0	21.02	20.94	20.96
5	64QAM	12	7	21.01	21.00	20.99
5	64QAM	12	13	20.95	20.97	20.91
5	64QAM	25	0	21.06	21.03	20.83
5	256QAM	1	0	17.08	17.08	17.06
5	256QAM	1	12	17.03	17.11	17.13
5	256QAM	1	24	17.06	17.11	17.09
5	256QAM	12	0	17.01	16.97	17.05
5	256QAM	12	7	17.09	17.12	16.98
5	256QAM	12	13	16.93	17.07	17.02
5	256QAM	25	0	17.16	17.10	16.90



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	23.00	23.01	22.89
3	QPSK	1	8	22.90	22.92	22.90
3	QPSK	1	14	22.94	22.89	22.87
3	QPSK	8	0	22.12	21.96	21.96
3	QPSK	8	4	22.03	22.05	22.06
3	QPSK	8	7	22.05	21.92	21.99
3	QPSK	15	0	22.05	21.99	22.11
3	16QAM	1	0	22.01	22.01	22.06
3	16QAM	1	8	22.12	22.05	22.05
3	16QAM	1	14	21.88	22.04	22.06
3	16QAM	8	0	21.06	21.00	20.98
3	16QAM	8	4	21.01	21.04	20.85
3	16QAM	8	7	20.90	20.88	21.00
3	16QAM	15	0	20.92	21.04	20.91
3	64QAM	1	0	20.97	21.02	20.99
3	64QAM	1	8	21.02	20.99	21.08
3	64QAM	1	14	21.08	21.01	20.95
3	64QAM	8	0	21.01	20.95	21.02
3	64QAM	8	4	21.03	21.09	21.00
3	64QAM	8	7	20.94	20.93	20.93
3	64QAM	15	0	21.11	21.05	20.87
3	256QAM	1	0	17.11	17.12	16.98
3	256QAM	1	8	17.01	17.02	17.07
3	256QAM	1	14	17.09	17.05	17.04
3	256QAM	8	0	17.02	17.07	17.00
3	256QAM	8	4	17.01	17.13	17.05
3	256QAM	8	7	17.01	17.08	16.92
3	256QAM	15	0	17.09	17.15	16.88



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	23.03	22.96	22.92
1.4	QPSK	1	3	22.92	22.95	22.91
1.4	QPSK	1	5	22.91	22.81	22.88
1.4	QPSK	3	0	23.10	22.95	23.05
1.4	QPSK	3	1	23.06	23.04	23.00
1.4	QPSK	3	3	23.03	22.94	23.01
1.4	QPSK	6	0	22.08	22.00	22.01
1.4	16QAM	1	0	21.93	22.02	21.96
1.4	16QAM	1	3	22.10	22.05	21.99
1.4	16QAM	1	5	21.84	22.01	22.08
1.4	16QAM	3	0	22.05	21.93	22.01
1.4	16QAM	3	1	22.04	22.05	21.89
1.4	16QAM	3	3	21.99	21.93	21.94
1.4	16QAM	6	0	20.89	21.00	20.90
1.4	64QAM	1	0	21.05	21.02	20.97
1.4	64QAM	1	3	20.96	20.99	21.07
1.4	64QAM	1	5	21.07	21.03	20.93
1.4	64QAM	3	0	21.00	20.98	20.94
1.4	64QAM	3	1	20.97	21.04	20.96
1.4	64QAM	3	3	20.90	20.95	20.88
1.4	64QAM	6	0	21.04	21.06	20.81
1.4	256QAM	1	0	17.04	17.11	16.98
1.4	256QAM	1	3	16.99	17.06	17.13
1.4	256QAM	1	5	17.12	17.10	17.10
1.4	256QAM	3	0	17.12	17.07	17.09
1.4	256QAM	3	1	17.07	17.17	17.00
1.4	256QAM	3	3	17.01	16.98	16.99
1.4	256QAM	6	0	17.11	17.09	16.94



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.55	/
10	QPSK	1	25	/	23.53	/
10	QPSK	1	49	/	23.49	/
10	QPSK	25	0	/	22.61	/
10	QPSK	25	12	/	22.50	/
10	QPSK	25	25	/	22.51	/
10	QPSK	50	0	/	22.53	/
10	16QAM	1	0	/	22.72	/
10	16QAM	1	25	/	22.69	/
10	16QAM	1	49	/	22.76	/
10	16QAM	25	0	/	21.58	/
10	16QAM	25	12	/	21.53	/
10	16QAM	25	25	/	21.54	/
10	16QAM	50	0	/	21.51	/
10	64QAM	1	0	/	21.78	/
10	64QAM	1	25	/	21.52	/
10	64QAM	1	49	/	21.68	/
10	64QAM	25	0	/	21.62	/
10	64QAM	25	12	/	21.57	/
10	64QAM	25	25	/	21.52	/
10	64QAM	50	0	/	21.54	/
10	256QAM	1	0	/	18.47	/
10	256QAM	1	25	/	18.21	/
10	256QAM	1	49	/	18.37	/
10	256QAM	25	0	/	18.30	/
10	256QAM	25	12	/	18.25	/
10	256QAM	25	25	/	18.20	/
10	256QAM	50	0	/	18.22	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.44	23.54	23.43
5	QPSK	1	12	23.35	23.35	23.38
5	QPSK	1	24	23.39	23.33	23.40
5	QPSK	12	0	22.45	22.54	22.46
5	QPSK	12	7	22.51	22.44	22.46
5	QPSK	12	13	22.49	22.45	22.48
5	QPSK	25	0	22.37	22.44	22.47
5	16QAM	1	0	22.70	22.64	22.70
5	16QAM	1	12	22.65	22.61	22.65
5	16QAM	1	24	22.68	22.69	22.74
5	16QAM	12	0	21.50	21.49	21.57
5	16QAM	12	7	21.46	21.46	21.50
5	16QAM	12	13	21.45	21.53	21.43
5	16QAM	25	0	21.43	21.45	21.44
5	64QAM	1	0	21.72	21.74	21.68
5	64QAM	1	12	21.46	21.41	21.50
5	64QAM	1	24	21.67	21.62	21.63
5	64QAM	12	0	21.60	21.53	21.52
5	64QAM	12	7	21.56	21.54	21.56
5	64QAM	12	13	21.49	21.47	21.40
5	64QAM	25	0	21.50	21.42	21.44
5	256QAM	1	0	18.38	18.44	18.36
5	256QAM	1	12	18.19	18.18	18.17
5	256QAM	1	24	18.34	18.32	18.30
5	256QAM	12	0	18.18	18.24	18.20
5	256QAM	12	7	18.18	18.19	18.21
5	256QAM	12	13	18.08	18.09	18.13
5	256QAM	25	0	18.12	18.14	18.20



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	23.44	23.48	23.46
20	QPSK	1	49	23.31	23.44	23.28
20	QPSK	1	99	23.43	23.40	23.22
20	QPSK	50	0	22.43	22.50	22.45
20	QPSK	50	24	22.46	22.47	22.33
20	QPSK	50	50	22.43	22.36	22.29
20	QPSK	100	0	22.46	22.49	22.36
20	16QAM	1	0	22.56	22.57	22.45
20	16QAM	1	49	22.46	22.49	22.53
20	16QAM	1	99	22.38	22.42	22.39
20	16QAM	50	0	21.43	21.50	21.31
20	16QAM	50	24	21.51	21.46	21.48
20	16QAM	50	50	21.33	21.38	21.31
20	16QAM	100	0	21.42	21.43	21.37
20	64QAM	1	0	21.47	21.54	21.45
20	64QAM	1	49	21.29	21.37	21.40
20	64QAM	1	99	21.36	21.38	21.39
20	64QAM	50	0	21.35	21.40	21.35
20	64QAM	50	24	21.39	21.35	21.31
20	64QAM	50	50	21.26	21.33	21.20
20	64QAM	100	0	21.18	21.36	21.22
20	256QAM	1	0	17.50	17.57	17.48
20	256QAM	1	49	17.32	17.40	17.43
20	256QAM	1	99	17.39	17.41	17.42
20	256QAM	50	0	17.38	17.43	17.38
20	256QAM	50	24	17.42	17.38	17.34
20	256QAM	50	50	17.29	17.36	17.23
20	256QAM	100	0	17.21	17.39	17.25



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	23.19	23.44	23.35
15	QPSK	1	37	23.27	23.41	23.20
15	QPSK	1	74	23.34	23.30	23.19
15	QPSK	36	0	22.45	22.53	22.42
15	QPSK	36	20	22.54	22.50	22.38
15	QPSK	36	39	22.53	22.40	22.38
15	QPSK	75	0	22.40	22.32	22.34
15	16QAM	1	0	22.55	22.53	22.38
15	16QAM	1	37	22.39	22.42	22.45
15	16QAM	1	74	22.35	22.35	22.32
15	16QAM	36	0	21.42	21.48	21.24
15	16QAM	36	20	21.41	21.43	21.45
15	16QAM	36	39	21.29	21.36	21.29
15	16QAM	75	0	21.38	21.34	21.28
15	64QAM	1	0	21.41	21.44	21.36
15	64QAM	1	37	21.21	21.35	21.38
15	64QAM	1	74	21.35	21.31	21.35
15	64QAM	36	0	21.25	21.33	21.25
15	64QAM	36	20	21.35	21.25	21.23
15	64QAM	36	39	21.24	21.31	21.15
15	64QAM	75	0	21.12	21.35	21.21
15	256QAM	1	0	17.48	17.52	17.40
15	256QAM	1	37	17.25	17.30	17.37
15	256QAM	1	74	17.47	17.45	17.50
15	256QAM	36	0	17.44	17.55	17.47
15	256QAM	36	20	17.46	17.41	17.41
15	256QAM	36	39	17.32	17.43	17.30
15	256QAM	75	0	17.33	17.51	17.33



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	23.26	23.43	23.31
10	QPSK	1	25	23.28	23.42	23.23
10	QPSK	1	49	23.39	23.32	23.24
10	QPSK	25	0	22.48	22.59	22.45
10	QPSK	25	12	22.55	22.55	22.37
10	QPSK	25	25	22.52	22.40	22.34
10	QPSK	50	0	22.50	22.50	22.45
10	16QAM	1	0	22.50	22.52	22.44
10	16QAM	1	25	22.43	22.43	22.49
10	16QAM	1	49	22.35	22.39	22.38
10	16QAM	25	0	21.37	21.46	21.26
10	16QAM	25	12	21.44	21.43	21.45
10	16QAM	25	25	21.23	21.34	21.22
10	16QAM	50	0	21.36	21.37	21.31
10	64QAM	1	0	21.44	21.53	21.41
10	64QAM	1	25	21.28	21.29	21.39
10	64QAM	1	49	21.34	21.34	21.37
10	64QAM	25	0	21.29	21.37	21.33
10	64QAM	25	12	21.38	21.33	21.27
10	64QAM	25	25	21.16	21.25	21.12
10	64QAM	50	0	21.17	21.33	21.21
10	256QAM	1	0	17.44	17.49	17.42
10	256QAM	1	25	17.24	17.38	17.40
10	256QAM	1	49	17.30	17.39	17.32
10	256QAM	25	0	17.30	17.35	17.34
10	256QAM	25	12	17.48	17.44	17.43
10	256QAM	25	25	17.39	17.48	17.33
10	256QAM	50	0	17.32	17.51	17.32



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	23.18	23.43	23.36
5	QPSK	1	12	23.25	23.42	23.24
5	QPSK	1	24	23.34	23.35	23.19
5	QPSK	12	0	22.46	22.56	22.47
5	QPSK	12	7	22.44	22.39	22.31
5	QPSK	12	13	22.35	22.34	22.19
5	QPSK	25	0	22.45	22.39	22.32
5	16QAM	1	0	22.53	22.56	22.40
5	16QAM	1	12	22.45	22.47	22.48
5	16QAM	1	24	22.37	22.32	22.29
5	16QAM	12	0	21.38	21.42	21.27
5	16QAM	12	7	21.47	21.43	21.44
5	16QAM	12	13	21.30	21.33	21.28
5	16QAM	25	0	21.33	21.36	21.32
5	64QAM	1	0	21.44	21.52	21.41
5	64QAM	1	12	21.25	21.31	21.35
5	64QAM	1	24	21.32	21.34	21.38
5	64QAM	12	0	21.26	21.35	21.34
5	64QAM	12	7	21.38	21.31	21.30
5	64QAM	12	13	21.19	21.26	21.14
5	64QAM	25	0	21.10	21.26	21.14
5	256QAM	1	0	17.43	17.47	17.42
5	256QAM	1	12	17.29	17.35	17.42
5	256QAM	1	24	17.31	17.33	17.33
5	256QAM	12	0	17.30	17.33	17.30
5	256QAM	12	7	17.47	17.49	17.41
5	256QAM	12	13	17.41	17.44	17.28
5	256QAM	25	0	17.31	17.49	17.36



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.06	25.12	24.95
20	QPSK	1	49	24.97	24.87	24.85
20	QPSK	1	99	25.06	25.02	24.84
20	QPSK	50	0	24.29	24.30	24.03
20	QPSK	50	24	24.25	24.16	23.98
20	QPSK	50	50	24.27	24.12	23.85
20	QPSK	100	0	24.26	24.17	23.95
20	16QAM	1	0	24.34	24.30	24.25
20	16QAM	1	49	24.27	24.24	24.20
20	16QAM	1	99	24.20	24.29	24.17
20	16QAM	50	0	23.35	23.17	23.02
20	16QAM	50	24	23.29	23.20	23.05
20	16QAM	50	50	23.26	23.05	23.01
20	16QAM	100	0	23.17	23.20	23.15
20	64QAM	1	0	23.25	23.23	23.17
20	64QAM	1	49	23.24	23.14	23.07
20	64QAM	1	99	23.18	23.18	23.12
20	64QAM	50	0	23.30	23.11	22.88
20	64QAM	50	24	23.20	23.14	23.06
20	64QAM	50	50	23.07	23.09	23.00
20	64QAM	100	0	23.26	23.25	23.15
20	256QAM	1	0	19.01	18.99	18.93
20	256QAM	1	49	19.00	18.90	18.83
20	256QAM	1	99	18.94	18.94	18.88
20	256QAM	50	0	19.06	18.87	18.64
20	256QAM	50	24	18.96	18.90	18.82
20	256QAM	50	50	18.83	18.85	18.76
20	256QAM	100	0	19.02	19.01	18.91



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.01	25.11	24.86
15	QPSK	1	37	24.96	24.85	24.86
15	QPSK	1	74	24.97	24.92	24.83
15	QPSK	36	0	24.18	24.26	24.02
15	QPSK	36	20	24.14	24.12	23.92
15	QPSK	36	39	24.26	24.09	23.83
15	QPSK	75	0	24.17	24.09	23.88
15	16QAM	1	0	24.30	24.19	24.19
15	16QAM	1	37	24.18	24.22	24.10
15	16QAM	1	74	24.16	24.19	24.05
15	16QAM	36	0	23.28	23.09	22.97
15	16QAM	36	20	23.28	23.14	23.02
15	16QAM	36	39	23.15	22.96	23.00
15	16QAM	75	0	23.13	23.19	23.12
15	64QAM	1	0	23.14	23.17	23.07
15	64QAM	1	37	23.21	23.10	22.98
15	64QAM	1	74	23.15	23.07	23.08
15	64QAM	36	0	23.18	23.01	22.83
15	64QAM	36	20	23.09	23.04	23.02
15	64QAM	36	39	23.02	23.01	22.96
15	64QAM	75	0	23.19	23.13	23.13
15	256QAM	1	0	18.91	18.96	18.84
15	256QAM	1	37	18.90	18.82	18.80
15	256QAM	1	74	18.86	18.87	18.82
15	256QAM	36	0	19.01	18.77	18.58
15	256QAM	36	20	18.88	18.80	18.78
15	256QAM	36	39	18.77	18.82	18.65
15	256QAM	75	0	18.94	18.94	18.80



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	24.97	25.07	24.86
10	QPSK	1	25	24.89	24.83	24.85
10	QPSK	1	49	25.02	24.92	24.87
10	QPSK	25	0	24.25	24.22	23.96
10	QPSK	25	12	24.24	24.15	23.88
10	QPSK	25	25	24.26	24.10	23.83
10	QPSK	50	0	24.22	24.16	23.90
10	16QAM	1	0	24.30	24.21	24.18
10	16QAM	1	25	24.21	24.14	24.11
10	16QAM	1	49	24.17	24.28	24.11
10	16QAM	25	0	23.24	23.09	22.93
10	16QAM	25	12	23.26	23.15	22.94
10	16QAM	25	25	23.19	22.98	22.91
10	16QAM	50	0	23.07	23.16	23.13
10	64QAM	1	0	23.20	23.13	23.11
10	64QAM	1	25	23.21	23.06	22.98
10	64QAM	1	49	23.06	23.10	23.02
10	64QAM	25	0	23.19	23.01	22.87
10	64QAM	25	12	23.16	23.04	23.04
10	64QAM	25	25	23.06	23.06	22.93
10	64QAM	50	0	23.25	23.21	23.11
10	256QAM	1	0	18.94	18.97	18.86
10	256QAM	1	25	18.94	18.78	18.76
10	256QAM	1	49	18.90	18.84	18.77
10	256QAM	25	0	19.02	18.76	18.58
10	256QAM	25	12	18.90	18.87	18.71
10	256QAM	25	25	18.82	18.75	18.67
10	256QAM	50	0	18.95	18.94	18.87



LTE Band 41 (Power Class2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	24.95	25.09	24.94
5	QPSK	1	12	24.95	24.87	24.90
5	QPSK	1	24	25.01	24.90	24.89
5	QPSK	12	0	24.25	24.23	23.97
5	QPSK	12	7	24.17	24.08	23.94
5	QPSK	12	13	24.15	24.05	23.84
5	QPSK	25	0	24.15	24.10	23.84
5	16QAM	1	0	24.24	24.24	24.23
5	16QAM	1	12	24.17	24.13	24.13
5	16QAM	1	24	24.09	24.17	24.07
5	16QAM	12	0	23.24	23.13	22.91
5	16QAM	12	7	23.18	23.13	22.96
5	16QAM	12	13	23.18	22.98	22.93
5	16QAM	25	0	23.12	23.15	23.09
5	64QAM	1	0	23.19	23.15	23.08
5	64QAM	1	12	23.13	23.07	23.03
5	64QAM	1	24	23.08	23.16	23.10
5	64QAM	12	0	23.23	23.08	22.86
5	64QAM	12	7	23.08	23.02	22.96
5	64QAM	12	13	22.98	22.98	22.91
5	64QAM	25	0	23.18	23.20	23.12
5	256QAM	1	0	18.99	18.94	18.81
5	256QAM	1	12	18.90	18.82	18.71
5	256QAM	1	24	18.84	18.84	18.81
5	256QAM	12	0	18.99	18.86	18.60
5	256QAM	12	7	18.91	18.89	18.77
5	256QAM	12	13	18.76	18.74	18.75
5	256QAM	25	0	18.99	18.95	18.87



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.56	23.62	23.45
20	QPSK	1	49	23.47	23.37	23.35
20	QPSK	1	99	23.56	23.52	23.34
20	QPSK	50	0	22.79	22.80	22.77
20	QPSK	50	24	22.75	22.66	22.48
20	QPSK	50	50	22.77	22.62	22.35
20	QPSK	100	0	22.76	22.67	22.45
20	16QAM	1	0	22.84	22.80	22.75
20	16QAM	1	49	22.77	22.74	22.70
20	16QAM	1	99	22.70	22.79	22.67
20	16QAM	50	0	21.85	21.67	21.52
20	16QAM	50	24	21.79	21.70	21.55
20	16QAM	50	50	21.76	21.55	21.51
20	16QAM	100	0	21.67	21.70	21.65
20	64QAM	1	0	21.75	21.73	21.67
20	64QAM	1	49	21.74	21.64	21.57
20	64QAM	1	99	21.68	21.68	21.62
20	64QAM	50	0	21.80	21.61	21.38
20	64QAM	50	24	21.70	21.64	21.56
20	64QAM	50	50	21.57	21.59	21.50
20	64QAM	100	0	21.76	21.75	21.65
20	256QAM	1	0	17.95	17.93	17.87
20	256QAM	1	49	17.94	17.84	17.77
20	256QAM	1	99	17.88	17.88	17.82
20	256QAM	50	0	18.00	17.81	17.58
20	256QAM	50	24	17.90	17.84	17.76
20	256QAM	50	50	17.77	17.79	17.70
20	256QAM	100	0	17.96	17.95	17.85



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.51	23.61	23.36
15	QPSK	1	37	23.46	23.35	23.36
15	QPSK	1	74	23.47	23.42	23.33
15	QPSK	36	0	22.68	22.76	22.52
15	QPSK	36	20	22.64	22.62	22.42
15	QPSK	36	39	22.76	22.59	22.33
15	QPSK	75	0	22.67	22.59	22.38
15	16QAM	1	0	22.80	22.69	22.69
15	16QAM	1	37	22.68	22.72	22.60
15	16QAM	1	74	22.66	22.69	22.55
15	16QAM	36	0	21.78	21.59	21.47
15	16QAM	36	20	21.78	21.64	21.52
15	16QAM	36	39	21.65	21.46	21.50
15	16QAM	75	0	21.63	21.69	21.62
15	64QAM	1	0	21.64	21.67	21.57
15	64QAM	1	37	21.71	21.60	21.48
15	64QAM	1	74	21.65	21.57	21.58
15	64QAM	36	0	21.68	21.51	21.33
15	64QAM	36	20	21.59	21.54	21.52
15	64QAM	36	39	21.52	21.51	21.46
15	64QAM	75	0	21.69	21.63	21.63
15	256QAM	1	0	17.85	17.90	17.78
15	256QAM	1	37	17.84	17.76	17.74
15	256QAM	1	74	17.80	17.81	17.76
15	256QAM	36	0	17.95	17.71	17.52
15	256QAM	36	20	17.82	17.74	17.72
15	256QAM	36	39	17.71	17.76	17.59
15	256QAM	75	0	17.88	17.88	17.74



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.47	23.57	23.36
10	QPSK	1	25	23.39	23.33	23.35
10	QPSK	1	49	23.52	23.42	23.37
10	QPSK	25	0	22.75	22.72	22.46
10	QPSK	25	12	22.74	22.65	22.38
10	QPSK	25	25	22.76	22.60	22.33
10	QPSK	50	0	22.72	22.66	22.40
10	16QAM	1	0	22.80	22.71	22.68
10	16QAM	1	25	22.71	22.64	22.61
10	16QAM	1	49	22.67	22.78	22.61
10	16QAM	25	0	21.74	21.59	21.43
10	16QAM	25	12	21.76	21.65	21.44
10	16QAM	25	25	21.69	21.48	21.41
10	16QAM	50	0	21.57	21.66	21.63
10	64QAM	1	0	21.70	21.63	21.61
10	64QAM	1	25	21.71	21.56	21.48
10	64QAM	1	49	21.56	21.60	21.52
10	64QAM	25	0	21.69	21.51	21.37
10	64QAM	25	12	21.66	21.54	21.54
10	64QAM	25	25	21.56	21.56	21.43
10	64QAM	50	0	21.75	21.71	21.61
10	256QAM	1	0	17.88	17.91	17.80
10	256QAM	1	25	17.88	17.72	17.70
10	256QAM	1	49	17.84	17.78	17.71
10	256QAM	25	0	17.96	17.70	17.52
10	256QAM	25	12	17.84	17.81	17.65
10	256QAM	25	25	17.76	17.69	17.61
10	256QAM	50	0	17.89	17.88	17.81



LTE Band 41 (Power Class3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.45	23.59	23.44
5	QPSK	1	12	23.45	23.37	23.40
5	QPSK	1	24	23.51	23.40	23.39
5	QPSK	12	0	22.75	22.73	22.47
5	QPSK	12	7	22.67	22.58	22.44
5	QPSK	12	13	22.65	22.55	22.34
5	QPSK	25	0	22.65	22.60	22.34
5	16QAM	1	0	22.74	22.74	22.73
5	16QAM	1	12	22.67	22.63	22.63
5	16QAM	1	24	22.59	22.67	22.57
5	16QAM	12	0	21.74	21.63	21.41
5	16QAM	12	7	21.68	21.63	21.46
5	16QAM	12	13	21.68	21.48	21.43
5	16QAM	25	0	21.62	21.65	21.59
5	64QAM	1	0	21.69	21.65	21.58
5	64QAM	1	12	21.63	21.57	21.53
5	64QAM	1	24	21.58	21.66	21.60
5	64QAM	12	0	21.73	21.58	21.36
5	64QAM	12	7	21.58	21.52	21.46
5	64QAM	12	13	21.48	21.48	21.41
5	64QAM	25	0	21.68	21.70	21.62
5	256QAM	1	0	17.93	17.88	17.75
5	256QAM	1	12	17.84	17.76	17.65
5	256QAM	1	24	17.78	17.78	17.75
5	256QAM	12	0	17.93	17.80	17.54
5	256QAM	12	7	17.85	17.83	17.71
5	256QAM	12	13	17.70	17.68	17.69
5	256QAM	25	0	17.93	17.89	17.81



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.15	23.18	23.09
20	QPSK	1	49	22.87	22.99	22.84
20	QPSK	1	99	22.95	22.95	22.92
20	QPSK	50	0	22.07	22.12	22.10
20	QPSK	50	24	22.00	22.08	22.07
20	QPSK	50	50	22.11	22.06	22.08
20	QPSK	100	0	22.07	22.12	22.09
20	16QAM	1	0	22.37	22.32	22.34
20	16QAM	1	49	22.24	22.33	22.10
20	16QAM	1	99	22.18	22.25	22.33
20	16QAM	50	0	21.04	20.97	20.96
20	16QAM	50	24	21.16	21.11	20.99
20	16QAM	50	50	21.09	21.08	21.05
20	16QAM	100	0	21.10	21.07	20.97
20	64QAM	1	0	21.33	21.30	21.31
20	64QAM	1	49	21.21	21.31	21.05
20	64QAM	1	99	21.12	21.25	21.26
20	64QAM	50	0	21.01	20.96	20.96
20	64QAM	50	24	21.08	21.06	20.98
20	64QAM	50	50	21.01	21.02	21.02
20	64QAM	100	0	21.12	21.01	20.90
20	256QAM	1	0	17.22	17.17	17.24
20	256QAM	1	49	17.05	17.22	16.95
20	256QAM	1	99	17.07	17.14	17.22
20	256QAM	50	0	16.87	16.80	16.81
20	256QAM	50	24	16.97	17.01	16.82
20	256QAM	50	50	17.00	16.93	16.91
20	256QAM	100	0	16.96	16.99	16.82



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.77	22.97	22.93
15	QPSK	1	37	22.85	22.92	22.74
15	QPSK	1	74	22.89	22.94	22.88
15	QPSK	36	0	21.85	21.89	21.88
15	QPSK	36	20	21.91	22.04	22.06
15	QPSK	36	39	22.02	22.02	22.03
15	QPSK	75	0	21.87	21.91	22.03
15	16QAM	1	0	22.35	22.25	22.32
15	16QAM	1	37	22.19	22.29	22.06
15	16QAM	1	74	22.13	22.16	22.26
15	16QAM	36	0	21.02	20.92	20.94
15	16QAM	36	20	21.05	21.09	20.98
15	16QAM	36	39	21.03	20.99	20.97
15	16QAM	75	0	21.03	20.99	20.87
15	64QAM	1	0	21.28	21.26	21.24
15	64QAM	1	37	21.12	21.21	21.01
15	64QAM	1	74	21.01	21.20	21.24
15	64QAM	36	0	20.89	20.95	20.88
15	64QAM	36	20	20.98	20.96	20.97
15	64QAM	36	39	20.92	21.00	20.92
15	64QAM	75	0	21.10	20.99	20.83
15	256QAM	1	0	17.19	17.12	17.18
15	256QAM	1	37	16.99	17.14	16.89
15	256QAM	1	74	16.96	17.09	17.20
15	256QAM	36	0	16.91	16.90	16.90
15	256QAM	36	20	16.98	17.15	16.88
15	256QAM	36	39	17.00	17.01	17.02
15	256QAM	75	0	16.96	17.10	16.91



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.87	22.97	22.95
10	QPSK	1	25	22.75	22.96	22.76
10	QPSK	1	49	22.85	22.89	22.83
10	QPSK	25	0	21.85	21.93	21.94
10	QPSK	25	12	21.93	22.01	21.99
10	QPSK	25	25	22.02	22.01	22.02
10	QPSK	50	0	21.93	21.82	22.08
10	16QAM	1	0	22.36	22.26	22.30
10	16QAM	1	25	22.17	22.29	22.02
10	16QAM	1	49	22.14	22.20	22.25
10	16QAM	25	0	20.92	20.94	20.88
10	16QAM	25	12	21.13	21.05	20.94
10	16QAM	25	25	20.98	21.05	20.98
10	16QAM	50	0	21.05	20.98	20.93
10	64QAM	1	0	21.21	21.28	21.21
10	64QAM	1	25	21.19	21.25	20.99
10	64QAM	1	49	21.01	21.22	21.20
10	64QAM	25	0	20.99	20.95	20.87
10	64QAM	25	12	21.04	21.03	20.88
10	64QAM	25	25	20.90	21.00	20.93
10	64QAM	50	0	21.04	20.91	20.89
10	256QAM	1	0	17.34	17.25	17.33
10	256QAM	1	25	17.17	17.36	17.04
10	256QAM	1	49	17.14	17.28	17.28
10	256QAM	25	0	16.92	16.89	16.90
10	256QAM	25	12	17.12	17.16	16.91
10	256QAM	25	25	17.06	17.03	17.04
10	256QAM	50	0	17.09	17.07	16.92



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.83	23.00	22.94
5	QPSK	1	12	22.84	22.91	22.78
5	QPSK	1	24	22.90	22.87	22.87
5	QPSK	12	0	21.93	21.96	21.94
5	QPSK	12	7	21.94	22.04	21.98
5	QPSK	12	13	22.05	22.02	22.01
5	QPSK	25	0	21.89	21.88	22.08
5	16QAM	1	0	22.31	22.28	22.31
5	16QAM	1	12	22.12	22.29	22.04
5	16QAM	1	24	22.11	22.22	22.23
5	16QAM	12	0	20.99	20.87	20.90
5	16QAM	12	7	21.10	21.04	20.89
5	16QAM	12	13	20.97	21.06	21.01
5	16QAM	25	0	21.09	21.04	20.92
5	64QAM	1	0	21.23	21.22	21.28
5	64QAM	1	12	21.09	21.28	21.02
5	64QAM	1	24	21.03	21.17	21.24
5	64QAM	12	0	20.98	20.87	20.90
5	64QAM	12	7	21.06	21.03	20.90
5	64QAM	12	13	20.99	21.01	20.98
5	64QAM	25	0	21.00	21.00	20.85
5	256QAM	1	0	17.34	17.26	17.32
5	256QAM	1	12	17.11	17.28	17.04
5	256QAM	1	24	17.17	17.28	17.31
5	256QAM	12	0	16.96	16.93	16.87
5	256QAM	12	7	17.02	17.08	16.97
5	256QAM	12	13	17.13	17.05	17.03
5	256QAM	25	0	17.08	17.08	16.90



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.83	22.93	22.90
3	QPSK	1	8	22.75	22.93	22.80
3	QPSK	1	14	22.85	22.86	22.91
3	QPSK	8	0	21.92	21.90	21.93
3	QPSK	8	4	21.96	21.99	21.99
3	QPSK	8	7	22.02	22.02	21.99
3	QPSK	15	0	21.91	21.82	21.99
3	16QAM	1	0	22.32	22.29	22.24
3	16QAM	1	8	22.20	22.25	22.08
3	16QAM	1	14	22.06	22.22	22.32
3	16QAM	8	0	20.94	20.94	20.89
3	16QAM	8	4	21.07	21.04	20.97
3	16QAM	8	7	21.01	21.00	21.04
3	16QAM	15	0	21.00	20.98	20.92
3	64QAM	1	0	21.32	21.23	21.30
3	64QAM	1	8	21.19	21.26	21.03
3	64QAM	1	14	21.07	21.19	21.16
3	64QAM	8	0	20.92	20.94	20.86
3	64QAM	8	4	21.07	20.96	20.97
3	64QAM	8	7	20.97	20.92	20.96
3	64QAM	15	0	21.08	20.95	20.84
3	256QAM	1	0	17.27	17.25	17.37
3	256QAM	1	8	17.19	17.31	17.01
3	256QAM	1	14	17.16	17.22	17.33
3	256QAM	8	0	16.91	16.93	16.96
3	256QAM	8	4	17.10	17.10	16.91
3	256QAM	8	7	17.08	17.00	17.01
3	256QAM	15	0	17.10	17.06	16.89



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.82	22.98	22.94
1.4	QPSK	1	3	22.85	22.93	22.82
1.4	QPSK	1	5	22.86	22.94	22.82
1.4	QPSK	3	0	22.96	22.94	23.08
1.4	QPSK	3	1	22.99	23.01	22.97
1.4	QPSK	3	3	23.04	23.01	22.98
1.4	QPSK	6	0	21.95	21.82	22.06
1.4	16QAM	1	0	22.29	22.25	22.24
1.4	16QAM	1	3	22.16	22.28	22.01
1.4	16QAM	1	5	22.16	22.23	22.27
1.4	16QAM	3	0	21.93	22.15	21.94
1.4	16QAM	3	1	22.13	22.10	21.96
1.4	16QAM	3	3	22.00	22.03	22.02
1.4	16QAM	6	0	21.03	20.99	21.00
1.4	64QAM	1	0	21.29	21.22	21.21
1.4	64QAM	1	3	21.13	21.29	21.02
1.4	64QAM	1	5	21.10	21.17	21.20
1.4	64QAM	3	0	21.03	20.98	20.94
1.4	64QAM	3	1	20.97	21.02	20.96
1.4	64QAM	3	3	20.97	20.98	21.01
1.4	64QAM	6	0	21.09	20.96	20.88
1.4	256QAM	1	0	17.36	17.32	17.36
1.4	256QAM	1	3	17.11	17.31	17.10
1.4	256QAM	1	5	17.13	17.24	17.35
1.4	256QAM	3	0	17.00	16.88	16.91
1.4	256QAM	3	1	17.12	17.07	16.96
1.4	256QAM	3	3	17.05	17.07	17.06
1.4	256QAM	6	0	17.01	17.10	16.91

**Effective Radiated Power and Effective Isotropic Radiated Power****ANT 5**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.05	0.254	24.07	0.255	24.00	0.251
20	QPSK	1	49	24.04	0.254	24.06	0.255	23.99	0.251
20	QPSK	1	99	23.96	0.249	24.03	0.253	24.00	0.251
20	QPSK	50	0	23.10	0.204	23.22	0.210	23.11	0.205
20	QPSK	50	24	23.14	0.206	23.08	0.203	23.06	0.202
20	QPSK	50	50	23.11	0.205	23.14	0.206	23.07	0.203
20	QPSK	100	0	23.14	0.206	23.15	0.207	23.04	0.201
20	16QAM	1	0	23.41	0.219	23.32	0.215	23.15	0.207
20	16QAM	1	49	23.29	0.213	23.38	0.218	23.33	0.215
20	16QAM	1	99	23.39	0.218	23.16	0.207	23.43	0.220
20	16QAM	50	0	22.22	0.167	22.17	0.165	22.21	0.166
20	16QAM	50	24	22.31	0.170	22.16	0.164	22.15	0.164
20	16QAM	50	50	22.18	0.165	22.21	0.166	22.23	0.167
20	16QAM	100	0	22.16	0.164	22.18	0.165	22.14	0.164
20	64QAM	1	0	22.26	0.168	22.40	0.174	22.35	0.172
20	64QAM	1	49	22.29	0.169	22.33	0.171	22.23	0.167
20	64QAM	1	99	22.39	0.173	22.27	0.169	22.09	0.162
20	64QAM	50	0	22.24	0.167	22.13	0.163	22.13	0.163
20	64QAM	50	24	22.07	0.161	22.08	0.161	22.15	0.164
20	64QAM	50	50	22.20	0.166	22.13	0.163	22.18	0.165
20	64QAM	100	0	22.12	0.163	22.15	0.164	22.14	0.164
20	256QAM	1	0	18.27	0.067	18.42	0.070	18.37	0.069
20	256QAM	1	49	18.30	0.068	18.35	0.068	18.25	0.067
20	256QAM	1	99	18.40	0.069	18.29	0.067	18.11	0.065
20	256QAM	50	0	18.25	0.067	18.15	0.065	18.15	0.065
20	256QAM	50	24	18.08	0.064	18.10	0.065	18.17	0.066
20	256QAM	50	50	18.21	0.066	18.15	0.065	18.20	0.066
20	256QAM	100	0	18.13	0.065	18.17	0.066	18.16	0.065



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	23.97	0.249	24.02	0.252	23.93	0.247
15	QPSK	1	37	24.01	0.252	24.02	0.252	23.96	0.249
15	QPSK	1	74	23.87	0.244	24.02	0.252	23.99	0.251
15	QPSK	36	0	23.06	0.202	23.12	0.205	23.01	0.200
15	QPSK	36	20	23.20	0.209	23.01	0.200	23.02	0.200
15	QPSK	36	39	23.10	0.204	23.07	0.203	22.98	0.199
15	QPSK	75	0	23.09	0.204	23.07	0.203	22.94	0.197
15	16QAM	1	0	23.37	0.217	23.26	0.212	23.09	0.204
15	16QAM	1	37	23.36	0.217	23.48	0.223	23.28	0.213
15	16QAM	1	74	23.41	0.219	23.56	0.227	23.42	0.220
15	16QAM	36	0	22.21	0.166	22.08	0.161	22.15	0.164
15	16QAM	36	20	22.27	0.169	22.07	0.161	22.07	0.161
15	16QAM	36	39	22.14	0.164	22.19	0.166	22.21	0.166
15	16QAM	75	0	22.06	0.161	22.14	0.164	22.13	0.163
15	64QAM	1	0	22.23	0.167	22.39	0.173	22.30	0.170
15	64QAM	1	37	22.23	0.167	22.23	0.167	22.18	0.165
15	64QAM	1	74	22.37	0.173	22.22	0.167	22.03	0.160
15	64QAM	36	0	22.21	0.166	22.03	0.160	22.06	0.161
15	64QAM	36	20	21.98	0.158	22.05	0.160	22.08	0.161
15	64QAM	36	39	22.16	0.164	22.11	0.163	22.10	0.162
15	64QAM	75	0	22.06	0.161	22.12	0.163	22.13	0.163
15	256QAM	1	0	18.26	0.067	18.34	0.068	18.29	0.067
15	256QAM	1	37	18.21	0.066	18.32	0.068	18.15	0.065
15	256QAM	1	74	18.34	0.068	18.19	0.066	18.06	0.064
15	256QAM	36	0	18.22	0.066	18.12	0.065	18.10	0.065
15	256QAM	36	20	18.01	0.063	18.05	0.064	18.15	0.065
15	256QAM	36	39	18.11	0.065	18.05	0.064	18.13	0.065
15	256QAM	75	0	18.03	0.064	18.11	0.065	18.09	0.064



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.04	0.254	24.05	0.254	23.98	0.250
10	QPSK	1	25	23.97	0.249	24.01	0.252	23.93	0.247
10	QPSK	1	49	23.88	0.244	24.02	0.252	23.92	0.247
10	QPSK	25	0	23.04	0.201	23.21	0.209	23.06	0.202
10	QPSK	25	12	23.12	0.205	22.99	0.199	23.05	0.202
10	QPSK	25	25	23.02	0.200	23.12	0.205	23.00	0.200
10	QPSK	50	0	23.05	0.202	23.11	0.205	22.98	0.199
10	16QAM	1	0	23.35	0.216	23.27	0.212	23.08	0.203
10	16QAM	1	25	23.35	0.216	23.52	0.225	23.32	0.215
10	16QAM	1	49	23.37	0.217	23.57	0.228	23.38	0.218
10	16QAM	25	0	22.14	0.164	22.13	0.163	22.16	0.164
10	16QAM	25	12	22.23	0.167	22.09	0.162	22.11	0.163
10	16QAM	25	25	22.17	0.165	22.12	0.163	22.19	0.166
10	16QAM	50	0	22.15	0.164	22.12	0.163	22.05	0.160
10	64QAM	1	0	22.16	0.164	22.31	0.170	22.33	0.171
10	64QAM	1	25	22.27	0.169	22.32	0.171	22.21	0.166
10	64QAM	1	49	22.34	0.171	22.20	0.166	21.99	0.158
10	64QAM	25	0	22.23	0.167	22.03	0.160	22.04	0.160
10	64QAM	25	12	21.99	0.158	22.05	0.160	22.09	0.162
10	64QAM	25	25	22.16	0.164	22.11	0.163	22.12	0.163
10	64QAM	50	0	22.05	0.160	22.06	0.161	22.12	0.163
10	256QAM	1	0	18.18	0.066	18.33	0.068	18.27	0.067
10	256QAM	1	25	18.28	0.067	18.31	0.068	18.18	0.066
10	256QAM	1	49	18.37	0.069	18.26	0.067	18.06	0.064
10	256QAM	25	0	18.21	0.066	18.13	0.065	18.09	0.064
10	256QAM	25	12	18.02	0.063	18.02	0.063	18.09	0.064
10	256QAM	25	25	18.15	0.065	18.13	0.065	18.15	0.065
10	256QAM	50	0	18.08	0.064	18.14	0.065	18.12	0.065



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.03	0.253	24.03	0.253	23.94	0.248
5	QPSK	1	12	23.94	0.248	23.96	0.249	23.98	0.250
5	QPSK	1	24	23.95	0.248	24.01	0.252	23.91	0.246
5	QPSK	12	0	23.01	0.200	23.17	0.207	23.05	0.202
5	QPSK	12	7	23.15	0.207	23.03	0.201	22.97	0.198
5	QPSK	12	13	23.08	0.203	23.08	0.203	22.97	0.198
5	QPSK	25	0	23.12	0.205	23.11	0.205	22.96	0.198
5	16QAM	1	0	23.07	0.203	23.06	0.202	22.87	0.194
5	16QAM	1	12	23.10	0.204	23.26	0.212	23.07	0.203
5	16QAM	1	24	23.15	0.207	23.26	0.212	23.11	0.205
5	16QAM	12	0	21.96	0.157	21.86	0.153	21.93	0.156
5	16QAM	12	7	21.97	0.157	21.87	0.154	21.83	0.152
5	16QAM	12	13	21.89	0.155	21.89	0.155	21.95	0.157
5	16QAM	25	0	21.83	0.152	21.85	0.153	21.81	0.152
5	64QAM	1	0	21.93	0.156	22.13	0.163	22.05	0.160
5	64QAM	1	12	21.96	0.157	22.04	0.160	21.94	0.156
5	64QAM	1	24	22.12	0.163	22.00	0.158	21.81	0.152
5	64QAM	12	0	22.22	0.167	22.12	0.163	22.10	0.162
5	64QAM	12	7	22.04	0.160	22.01	0.159	22.09	0.162
5	64QAM	12	13	22.16	0.164	22.04	0.160	22.17	0.165
5	64QAM	25	0	22.11	0.163	22.12	0.163	22.05	0.160
5	256QAM	1	0	18.26	0.067	18.34	0.068	18.34	0.068
5	256QAM	1	12	18.25	0.067	18.27	0.067	18.22	0.066
5	256QAM	1	24	18.30	0.068	18.20	0.066	18.07	0.064
5	256QAM	12	0	18.24	0.067	18.12	0.065	18.12	0.065
5	256QAM	12	7	18.00	0.063	18.00	0.063	18.12	0.065
5	256QAM	12	13	18.14	0.065	18.08	0.064	18.11	0.065
5	256QAM	25	0	18.03	0.064	18.14	0.065	18.09	0.064



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	23.94	0.248	24.04	0.254	23.90	0.245
3	QPSK	1	8	23.98	0.250	24.03	0.253	23.94	0.248
3	QPSK	1	14	23.90	0.245	23.93	0.247	23.91	0.246
3	QPSK	8	0	23.03	0.201	23.15	0.207	23.07	0.203
3	QPSK	8	4	23.11	0.205	23.05	0.202	23.04	0.201
3	QPSK	8	7	23.07	0.203	23.06	0.202	23.04	0.201
3	QPSK	15	0	23.04	0.201	23.06	0.202	22.98	0.199
3	16QAM	1	0	23.07	0.203	23.07	0.203	22.84	0.192
3	16QAM	1	8	23.11	0.205	23.25	0.211	23.07	0.203
3	16QAM	1	14	23.17	0.207	23.28	0.213	23.16	0.207
3	16QAM	8	0	21.91	0.155	21.84	0.153	21.90	0.155
3	16QAM	8	4	22.04	0.160	21.84	0.153	21.85	0.153
3	16QAM	8	7	21.84	0.153	21.90	0.155	21.96	0.157
3	16QAM	15	0	21.83	0.152	21.86	0.153	21.87	0.154
3	64QAM	1	0	22.01	0.159	22.09	0.162	22.09	0.162
3	64QAM	1	8	22.01	0.159	22.03	0.160	21.90	0.155
3	64QAM	1	14	22.13	0.163	21.98	0.158	21.75	0.150
3	64QAM	8	0	22.18	0.165	22.03	0.160	22.03	0.160
3	64QAM	8	4	22.02	0.159	22.01	0.159	22.05	0.160
3	64QAM	8	7	22.11	0.163	22.05	0.160	22.14	0.164
3	64QAM	15	0	22.05	0.160	22.07	0.161	22.11	0.163
3	256QAM	1	0	18.20	0.066	18.32	0.068	18.36	0.069
3	256QAM	1	8	18.27	0.067	18.31	0.068	18.22	0.066
3	256QAM	1	14	18.35	0.068	18.25	0.067	18.06	0.064
3	256QAM	8	0	18.19	0.066	18.10	0.065	18.06	0.064
3	256QAM	8	4	17.99	0.063	18.07	0.064	18.08	0.064
3	256QAM	8	7	18.19	0.066	18.14	0.065	18.11	0.065
3	256QAM	15	0	18.03	0.064	18.12	0.065	18.07	0.064



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	23.94	0.248	24.02	0.252	23.91	0.246
1.4	QPSK	1	3	23.94	0.248	23.97	0.249	23.90	0.245
1.4	QPSK	1	5	23.90	0.245	24.01	0.252	23.95	0.248
1.4	QPSK	3	0	24.04	0.254	23.99	0.251	24.04	0.254
1.4	QPSK	3	1	24.03	0.253	24.03	0.253	24.01	0.252
1.4	QPSK	3	3	24.01	0.252	24.05	0.254	24.05	0.254
1.4	QPSK	6	0	23.05	0.202	23.05	0.202	22.94	0.197
1.4	16QAM	1	0	23.08	0.203	23.05	0.202	22.82	0.191
1.4	16QAM	1	3	23.17	0.207	23.25	0.211	23.08	0.203
1.4	16QAM	1	5	23.12	0.205	23.28	0.213	23.18	0.208
1.4	16QAM	3	0	22.90	0.195	22.90	0.195	22.93	0.196
1.4	16QAM	3	1	23.05	0.202	22.84	0.192	22.81	0.191
1.4	16QAM	3	3	22.87	0.194	22.94	0.197	22.89	0.195
1.4	16QAM	6	0	21.85	0.153	21.84	0.153	21.81	0.152
1.4	64QAM	1	0	21.92	0.156	22.07	0.161	22.10	0.162
1.4	64QAM	1	3	22.02	0.159	22.04	0.160	21.96	0.157
1.4	64QAM	1	5	22.08	0.161	22.02	0.159	21.80	0.151
1.4	64QAM	3	0	21.92	0.156	21.85	0.153	21.88	0.154
1.4	64QAM	3	1	21.79	0.151	21.83	0.152	21.89	0.155
1.4	64QAM	3	3	21.89	0.155	21.82	0.152	21.89	0.155
1.4	64QAM	6	0	22.03	0.160	22.05	0.160	22.06	0.161
1.4	256QAM	1	0	18.24	0.067	18.34	0.068	18.32	0.068
1.4	256QAM	1	3	18.28	0.067	18.33	0.068	18.18	0.066
1.4	256QAM	1	5	18.33	0.068	18.27	0.067	18.03	0.064
1.4	256QAM	3	0	18.18	0.066	18.14	0.065	18.10	0.065
1.4	256QAM	3	1	18.00	0.063	18.01	0.063	18.10	0.065
1.4	256QAM	3	3	18.14	0.065	18.11	0.065	18.15	0.065
1.4	256QAM	6	0	18.07	0.064	18.16	0.065	18.14	0.065



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	23.74	0.236	23.78	0.239	23.77	0.238
20	QPSK	1	49	23.68	0.233	23.69	0.234	23.70	0.234
20	QPSK	1	99	23.60	0.229	23.62	0.230	23.65	0.232
20	QPSK	50	0	22.79	0.190	22.85	0.193	22.72	0.187
20	QPSK	50	24	22.77	0.189	22.80	0.190	22.81	0.191
20	QPSK	50	50	22.74	0.188	22.77	0.189	22.83	0.192
20	QPSK	100	0	22.71	0.186	22.80	0.190	22.75	0.188
20	16QAM	1	0	22.44	0.175	22.69	0.186	22.75	0.188
20	16QAM	1	49	22.69	0.186	22.75	0.188	22.60	0.182
20	16QAM	1	99	22.76	0.189	22.75	0.188	22.86	0.193
20	16QAM	50	0	21.82	0.152	21.78	0.151	21.83	0.152
20	16QAM	50	24	21.85	0.153	21.74	0.149	21.78	0.151
20	16QAM	50	50	21.90	0.155	21.76	0.150	21.77	0.150
20	16QAM	100	0	21.82	0.152	21.81	0.152	21.79	0.151
20	64QAM	1	0	21.94	0.156	21.88	0.154	21.92	0.155
20	64QAM	1	49	21.74	0.149	21.76	0.150	21.92	0.155
20	64QAM	1	99	21.84	0.153	21.85	0.153	21.96	0.157
20	64QAM	50	0	21.76	0.150	21.73	0.149	21.74	0.149
20	64QAM	50	24	21.75	0.149	21.77	0.150	21.90	0.155
20	64QAM	50	50	21.79	0.151	21.76	0.150	21.94	0.156
20	64QAM	100	0	21.77	0.150	21.74	0.149	21.85	0.153
20	256QAM	1	0	17.97	0.063	17.91	0.062	17.95	0.062
20	256QAM	1	49	17.77	0.060	17.79	0.060	17.95	0.062
20	256QAM	1	99	17.87	0.061	17.88	0.061	17.99	0.063
20	256QAM	50	0	17.79	0.060	17.76	0.060	17.77	0.060
20	256QAM	50	24	17.78	0.060	17.80	0.060	17.93	0.062
20	256QAM	50	50	17.82	0.060	17.79	0.060	17.97	0.063
20	256QAM	100	0	17.80	0.060	17.77	0.060	17.88	0.061



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.65	0.232	23.66	0.232	23.63	0.231
15	QPSK	1	37	23.58	0.228	23.54	0.226	23.63	0.231
15	QPSK	1	74	23.49	0.223	23.52	0.225	23.56	0.227
15	QPSK	36	0	22.65	0.184	22.74	0.188	22.65	0.184
15	QPSK	36	20	22.69	0.186	22.69	0.186	22.72	0.187
15	QPSK	36	39	22.63	0.183	22.63	0.183	22.71	0.187
15	QPSK	75	0	22.58	0.181	22.71	0.187	22.65	0.184
15	16QAM	1	0	22.78	0.190	22.97	0.198	22.60	0.182
15	16QAM	1	37	23.06	0.202	23.01	0.200	23.01	0.200
15	16QAM	1	74	22.68	0.185	22.69	0.186	22.75	0.188
15	16QAM	36	0	21.69	0.148	21.72	0.149	21.75	0.150
15	16QAM	36	20	21.73	0.149	21.68	0.147	21.72	0.149
15	16QAM	36	39	21.78	0.151	21.62	0.145	21.71	0.148
15	16QAM	75	0	21.74	0.149	21.75	0.150	21.72	0.149
15	64QAM	1	0	21.82	0.152	21.81	0.152	21.77	0.150
15	64QAM	1	37	21.79	0.151	21.82	0.152	21.81	0.152
15	64QAM	1	74	21.69	0.148	21.75	0.150	21.90	0.155
15	64QAM	36	0	21.70	0.148	21.65	0.146	21.67	0.147
15	64QAM	36	20	21.65	0.146	21.62	0.145	21.78	0.151
15	64QAM	36	39	21.64	0.146	21.67	0.147	21.83	0.152
15	64QAM	75	0	21.67	0.147	21.60	0.145	21.78	0.151
15	256QAM	1	0	17.90	0.062	17.76	0.060	17.82	0.061
15	256QAM	1	37	17.67	0.058	17.65	0.058	17.89	0.062
15	256QAM	1	74	17.81	0.060	17.77	0.060	17.85	0.061
15	256QAM	36	0	17.72	0.059	17.63	0.058	17.63	0.058
15	256QAM	36	20	17.65	0.058	17.71	0.059	17.87	0.061
15	256QAM	36	39	17.73	0.059	17.66	0.058	17.82	0.061
15	256QAM	75	0	17.66	0.058	17.71	0.059	17.81	0.060



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.62	0.230	23.71	0.235	23.66	0.232
10	QPSK	1	25	23.56	0.227	23.58	0.228	23.58	0.228
10	QPSK	1	49	23.51	0.224	23.48	0.223	23.51	0.224
10	QPSK	25	0	22.66	0.185	22.77	0.189	22.59	0.182
10	QPSK	25	12	22.64	0.184	22.72	0.187	22.73	0.187
10	QPSK	25	25	22.63	0.183	22.69	0.186	22.76	0.189
10	QPSK	50	0	22.58	0.181	22.66	0.185	22.68	0.185
10	16QAM	1	0	22.79	0.190	23.02	0.200	22.69	0.186
10	16QAM	1	25	23.00	0.200	23.08	0.203	22.96	0.198
10	16QAM	1	49	22.84	0.192	22.68	0.185	22.76	0.189
10	16QAM	25	0	21.73	0.149	21.66	0.147	21.74	0.149
10	16QAM	25	12	21.79	0.151	21.59	0.144	21.67	0.147
10	16QAM	25	25	21.80	0.151	21.69	0.148	21.66	0.147
10	16QAM	50	0	21.76	0.150	21.69	0.148	21.70	0.148
10	64QAM	1	0	21.79	0.151	21.75	0.150	21.83	0.152
10	64QAM	1	25	21.68	0.147	21.69	0.148	21.86	0.153
10	64QAM	1	49	21.74	0.149	21.71	0.148	21.86	0.153
10	64QAM	25	0	21.68	0.147	21.65	0.146	21.67	0.147
10	64QAM	25	12	21.67	0.147	21.65	0.146	21.82	0.152
10	64QAM	25	25	21.68	0.147	21.64	0.146	21.79	0.151
10	64QAM	50	0	21.62	0.145	21.61	0.145	21.76	0.150
10	256QAM	1	0	17.90	0.062	17.85	0.061	17.80	0.060
10	256QAM	1	25	17.69	0.059	17.69	0.059	17.84	0.061
10	256QAM	1	49	17.74	0.059	17.82	0.061	17.85	0.061
10	256QAM	25	0	17.69	0.059	17.67	0.058	17.64	0.058
10	256QAM	25	12	17.72	0.059	17.70	0.059	17.79	0.060
10	256QAM	25	25	17.71	0.059	17.70	0.059	17.84	0.061
10	256QAM	50	0	17.72	0.059	17.70	0.059	17.73	0.059



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.61	0.230	23.67	0.233	23.64	0.231
5	QPSK	1	12	23.59	0.229	23.55	0.226	23.56	0.227
5	QPSK	1	24	23.52	0.225	23.52	0.225	23.52	0.225
5	QPSK	12	0	22.70	0.186	22.79	0.190	22.57	0.181
5	QPSK	12	7	22.64	0.184	22.74	0.188	22.66	0.185
5	QPSK	12	13	22.60	0.182	22.62	0.183	22.69	0.186
5	QPSK	25	0	22.61	0.182	22.72	0.187	22.61	0.182
5	16QAM	1	0	22.76	0.189	23.09	0.204	22.67	0.185
5	16QAM	1	12	23.06	0.202	23.10	0.204	22.95	0.197
5	16QAM	1	24	22.68	0.185	22.61	0.182	22.76	0.189
5	16QAM	12	0	21.68	0.147	21.70	0.148	21.73	0.149
5	16QAM	12	7	21.70	0.148	21.61	0.145	21.67	0.147
5	16QAM	12	13	21.82	0.152	21.69	0.148	21.63	0.146
5	16QAM	25	0	21.70	0.148	21.70	0.148	21.64	0.146
5	64QAM	1	0	21.88	0.154	21.82	0.152	21.80	0.151
5	64QAM	1	12	21.79	0.151	21.83	0.152	21.83	0.152
5	64QAM	1	24	21.78	0.151	21.74	0.149	21.89	0.155
5	64QAM	12	0	21.61	0.145	21.62	0.145	21.66	0.147
5	64QAM	12	7	21.68	0.147	21.69	0.148	21.79	0.151
5	64QAM	12	13	21.67	0.147	21.65	0.146	21.88	0.154
5	64QAM	25	0	21.62	0.145	21.61	0.145	21.79	0.151
5	256QAM	1	0	17.90	0.062	17.84	0.061	17.83	0.061
5	256QAM	1	12	17.69	0.059	17.73	0.059	17.87	0.061
5	256QAM	1	24	17.73	0.059	17.76	0.060	17.88	0.061
5	256QAM	12	0	17.72	0.059	17.66	0.058	17.68	0.059
5	256QAM	12	7	17.66	0.058	17.67	0.058	17.83	0.061
5	256QAM	12	13	17.74	0.059	17.70	0.059	17.90	0.062
5	256QAM	25	0	17.66	0.058	17.63	0.058	17.77	0.060



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.61	0.230	23.70	0.234	23.64	0.231
3	QPSK	1	8	23.62	0.230	23.55	0.226	23.64	0.231
3	QPSK	1	14	23.48	0.223	23.53	0.225	23.56	0.227
3	QPSK	8	0	22.65	0.184	22.75	0.188	22.64	0.184
3	QPSK	8	4	22.65	0.184	22.73	0.187	22.73	0.187
3	QPSK	8	7	22.60	0.182	22.70	0.186	22.68	0.185
3	QPSK	15	0	22.58	0.181	22.70	0.186	22.66	0.185
3	16QAM	1	0	22.76	0.189	23.03	0.201	22.65	0.184
3	16QAM	1	8	23.02	0.200	23.11	0.205	22.96	0.198
3	16QAM	1	14	22.64	0.184	22.64	0.184	22.78	0.190
3	16QAM	8	0	21.72	0.149	21.65	0.146	21.73	0.149
3	16QAM	8	4	21.74	0.149	21.67	0.147	21.69	0.148
3	16QAM	8	7	21.82	0.152	21.64	0.146	21.66	0.147
3	16QAM	15	0	21.70	0.148	21.69	0.148	21.70	0.148
3	64QAM	1	0	21.83	0.152	21.79	0.151	21.77	0.150
3	64QAM	1	8	21.82	0.152	21.82	0.152	21.82	0.152
3	64QAM	1	14	21.75	0.150	21.71	0.148	21.83	0.152
3	64QAM	8	0	21.65	0.146	21.63	0.146	21.65	0.146
3	64QAM	8	4	21.60	0.145	21.63	0.146	21.80	0.151
3	64QAM	8	7	21.71	0.148	21.65	0.146	21.84	0.153
3	64QAM	15	0	21.71	0.148	21.66	0.147	21.70	0.148
3	256QAM	1	0	17.83	0.061	17.85	0.061	17.83	0.061
3	256QAM	1	8	17.64	0.058	17.71	0.059	17.88	0.061
3	256QAM	1	14	17.72	0.059	17.80	0.060	17.85	0.061
3	256QAM	8	0	17.66	0.058	17.61	0.058	17.63	0.058
3	256QAM	8	4	17.63	0.058	17.72	0.059	17.85	0.061
3	256QAM	8	7	17.68	0.059	17.70	0.059	17.89	0.062
3	256QAM	15	0	17.70	0.059	17.67	0.058	17.82	0.061



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.63	0.231	23.64	0.231	23.64	0.231
1.4	QPSK	1	3	23.57	0.228	23.54	0.226	23.62	0.230
1.4	QPSK	1	5	23.53	0.225	23.56	0.227	23.51	0.224
1.4	QPSK	3	0	23.70	0.234	23.77	0.238	23.62	0.230
1.4	QPSK	3	1	23.65	0.232	23.70	0.234	23.73	0.236
1.4	QPSK	3	3	23.68	0.233	23.68	0.233	23.68	0.233
1.4	QPSK	6	0	22.56	0.180	22.66	0.185	22.61	0.182
1.4	16QAM	1	0	22.82	0.191	23.02	0.200	22.68	0.185
1.4	16QAM	1	3	23.04	0.201	23.11	0.205	22.99	0.199
1.4	16QAM	1	5	22.62	0.183	22.65	0.184	22.75	0.188
1.4	16QAM	3	0	22.74	0.188	22.72	0.187	22.68	0.185
1.4	16QAM	3	1	22.78	0.190	22.62	0.183	22.67	0.185
1.4	16QAM	3	3	22.75	0.188	22.70	0.186	22.67	0.185
1.4	16QAM	6	0	21.76	0.150	21.71	0.148	21.73	0.149
1.4	64QAM	1	0	21.79	0.151	21.76	0.150	21.79	0.151
1.4	64QAM	1	3	21.68	0.147	21.63	0.146	21.84	0.153
1.4	64QAM	1	5	21.76	0.150	21.72	0.149	21.90	0.155
1.4	64QAM	3	0	21.62	0.145	21.62	0.145	21.68	0.147
1.4	64QAM	3	1	21.60	0.145	21.62	0.145	21.80	0.151
1.4	64QAM	3	3	21.66	0.147	21.69	0.148	21.80	0.151
1.4	64QAM	6	0	21.67	0.147	21.68	0.147	21.78	0.151
1.4	256QAM	1	0	17.90	0.062	17.78	0.060	17.84	0.061
1.4	256QAM	1	3	17.64	0.058	17.65	0.058	17.82	0.061
1.4	256QAM	1	5	17.77	0.060	17.77	0.060	17.86	0.061
1.4	256QAM	3	0	17.66	0.058	17.67	0.058	17.69	0.059
1.4	256QAM	3	1	17.64	0.058	17.74	0.059	17.87	0.061
1.4	256QAM	3	3	17.74	0.059	17.72	0.059	17.85	0.061
1.4	256QAM	6	0	17.73	0.059	17.65	0.058	17.73	0.059



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	24.77	0.300	24.83	0.304	24.79	0.301
20	QPSK	1	49	24.69	0.294	24.76	0.299	24.81	0.303
20	QPSK	1	99	24.80	0.302	24.81	0.303	24.82	0.303
20	QPSK	50	0	23.90	0.245	24.03	0.253	24.02	0.252
20	QPSK	50	24	23.97	0.249	24.02	0.252	24.01	0.252
20	QPSK	50	50	24.00	0.251	23.99	0.251	24.01	0.252
20	QPSK	100	0	24.05	0.254	24.06	0.255	23.98	0.250
20	16QAM	1	0	23.91	0.246	23.85	0.243	23.90	0.245
20	16QAM	1	49	23.98	0.250	23.97	0.249	23.89	0.245
20	16QAM	1	99	23.99	0.251	24.04	0.254	24.00	0.251
20	16QAM	50	0	22.89	0.195	23.04	0.201	23.10	0.204
20	16QAM	50	24	22.93	0.196	22.98	0.199	22.90	0.195
20	16QAM	50	50	22.92	0.196	23.03	0.201	22.88	0.194
20	16QAM	100	0	22.91	0.195	22.96	0.198	23.01	0.200
20	64QAM	1	0	22.94	0.197	22.98	0.199	23.02	0.200
20	64QAM	1	49	22.98	0.199	23.04	0.201	22.79	0.190
20	64QAM	1	99	22.93	0.196	22.80	0.191	22.70	0.186
20	64QAM	50	0	22.90	0.195	22.94	0.197	22.98	0.199
20	64QAM	50	24	22.90	0.195	23.03	0.201	22.82	0.191
20	64QAM	50	50	22.87	0.194	23.02	0.200	22.96	0.198
20	64QAM	100	0	22.95	0.197	22.94	0.197	22.84	0.192
20	256QAM	1	0	18.98	0.079	19.02	0.080	19.06	0.081
20	256QAM	1	49	19.02	0.080	19.08	0.081	18.83	0.076
20	256QAM	1	99	18.97	0.079	18.84	0.077	18.74	0.075
20	256QAM	50	0	18.94	0.078	18.98	0.079	19.02	0.080
20	256QAM	50	24	18.94	0.078	19.07	0.081	18.86	0.077
20	256QAM	50	50	18.91	0.078	19.06	0.081	19.00	0.079
20	256QAM	100	0	18.99	0.079	18.98	0.079	18.88	0.077



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.71	0.296	24.81	0.303	24.75	0.299
15	QPSK	1	37	24.61	0.289	24.68	0.294	24.73	0.297
15	QPSK	1	74	24.73	0.297	24.78	0.301	24.80	0.302
15	QPSK	36	0	23.87	0.244	24.02	0.252	23.94	0.248
15	QPSK	36	20	23.87	0.244	24.00	0.251	23.95	0.248
15	QPSK	36	39	23.94	0.248	23.98	0.250	23.99	0.251
15	QPSK	75	0	23.97	0.249	23.94	0.248	23.89	0.245
15	16QAM	1	0	23.87	0.244	23.84	0.242	23.82	0.241
15	16QAM	1	37	23.93	0.247	23.88	0.244	23.88	0.244
15	16QAM	1	74	23.96	0.249	24.03	0.253	23.90	0.245
15	16QAM	36	0	22.82	0.191	23.02	0.200	23.09	0.204
15	16QAM	36	20	22.90	0.195	22.89	0.195	22.85	0.193
15	16QAM	36	39	22.88	0.194	23.02	0.200	22.81	0.191
15	16QAM	75	0	22.89	0.195	22.95	0.197	23.00	0.200
15	64QAM	1	0	22.90	0.195	22.88	0.194	23.00	0.200
15	64QAM	1	37	22.89	0.195	22.99	0.199	22.75	0.188
15	64QAM	1	74	22.85	0.193	22.75	0.188	22.68	0.185
15	64QAM	36	0	22.80	0.191	22.86	0.193	22.89	0.195
15	64QAM	36	20	22.85	0.193	22.99	0.199	22.79	0.190
15	64QAM	36	39	22.77	0.189	22.98	0.199	22.95	0.197
15	64QAM	75	0	22.94	0.197	22.86	0.193	22.82	0.191
15	256QAM	1	0	18.95	0.079	18.97	0.079	19.00	0.079
15	256QAM	1	37	18.98	0.079	18.99	0.079	18.75	0.075
15	256QAM	1	74	18.92	0.078	18.77	0.075	18.70	0.074
15	256QAM	36	0	18.86	0.077	18.93	0.078	18.96	0.079
15	256QAM	36	20	18.92	0.078	19.03	0.080	18.83	0.076
15	256QAM	36	39	18.89	0.077	18.99	0.079	18.98	0.079
15	256QAM	75	0	18.98	0.079	18.96	0.079	18.87	0.077



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.65	0.292	24.78	0.301	24.76	0.299
10	QPSK	1	25	24.65	0.292	24.74	0.298	24.71	0.296
10	QPSK	1	49	24.72	0.296	24.72	0.296	24.75	0.299
10	QPSK	25	0	23.82	0.241	24.01	0.252	23.92	0.247
10	QPSK	25	12	23.92	0.247	23.98	0.250	23.96	0.249
10	QPSK	25	25	23.95	0.248	23.89	0.245	24.00	0.251
10	QPSK	50	0	24.04	0.254	24.01	0.252	23.96	0.249
10	16QAM	1	0	23.83	0.242	23.81	0.240	23.82	0.241
10	16QAM	1	25	23.94	0.248	23.95	0.248	23.79	0.239
10	16QAM	1	49	23.93	0.247	23.95	0.248	23.98	0.250
10	16QAM	25	0	22.87	0.194	22.95	0.197	23.08	0.203
10	16QAM	25	12	22.90	0.195	22.95	0.197	22.80	0.191
10	16QAM	25	25	22.89	0.195	22.95	0.197	22.82	0.191
10	16QAM	50	0	22.86	0.193	22.95	0.197	23.00	0.200
10	64QAM	1	0	22.93	0.196	22.96	0.198	23.01	0.200
10	64QAM	1	25	22.89	0.195	22.99	0.199	22.76	0.189
10	64QAM	1	49	22.89	0.195	22.70	0.186	22.62	0.183
10	64QAM	25	0	22.81	0.191	22.88	0.194	22.93	0.196
10	64QAM	25	12	22.86	0.193	23.02	0.200	22.80	0.191
10	64QAM	25	25	22.84	0.192	22.92	0.196	22.90	0.195
10	64QAM	50	0	22.88	0.194	22.93	0.196	22.76	0.189
10	256QAM	1	0	18.88	0.077	18.92	0.078	18.99	0.079
10	256QAM	1	25	18.95	0.079	19.07	0.081	18.78	0.076
10	256QAM	1	49	18.91	0.078	18.82	0.076	18.72	0.074
10	256QAM	25	0	18.93	0.078	18.96	0.079	18.96	0.079
10	256QAM	25	12	18.91	0.078	19.00	0.079	18.79	0.076
10	256QAM	25	25	18.85	0.077	18.98	0.079	18.94	0.078
10	256QAM	50	0	18.91	0.078	18.88	0.077	18.80	0.076



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.71	0.296	24.82	0.303	24.69	0.294
5	QPSK	1	12	24.66	0.292	24.72	0.296	24.78	0.301
5	QPSK	1	24	24.74	0.298	24.77	0.300	24.76	0.299
5	QPSK	12	0	23.87	0.244	23.99	0.251	23.95	0.248
5	QPSK	12	7	23.96	0.249	24.00	0.251	23.95	0.248
5	QPSK	12	13	23.92	0.247	23.95	0.248	23.98	0.250
5	QPSK	25	0	23.97	0.249	24.00	0.251	23.90	0.245
5	16QAM	1	0	23.90	0.245	23.76	0.238	23.83	0.242
5	16QAM	1	12	23.95	0.248	23.92	0.247	23.83	0.242
5	16QAM	1	24	23.91	0.246	24.02	0.252	23.96	0.249
5	16QAM	12	0	22.87	0.194	22.94	0.197	23.02	0.200
5	16QAM	12	7	22.85	0.193	22.94	0.197	22.84	0.192
5	16QAM	12	13	22.84	0.192	22.94	0.197	22.81	0.191
5	16QAM	25	0	22.82	0.191	22.86	0.193	22.95	0.197
5	64QAM	1	0	22.86	0.193	22.93	0.196	22.95	0.197
5	64QAM	1	12	22.93	0.196	23.02	0.200	22.70	0.186
5	64QAM	1	24	22.89	0.195	22.78	0.190	22.62	0.183
5	64QAM	12	0	22.86	0.193	22.86	0.193	22.92	0.196
5	64QAM	12	7	22.80	0.191	22.97	0.198	22.72	0.187
5	64QAM	12	13	22.86	0.193	22.97	0.198	22.86	0.193
5	64QAM	25	0	22.85	0.193	22.89	0.195	22.76	0.189
5	256QAM	1	0	18.95	0.079	19.01	0.080	18.96	0.079
5	256QAM	1	12	18.97	0.079	19.00	0.079	18.77	0.075
5	256QAM	1	24	18.93	0.078	18.83	0.076	18.66	0.073
5	256QAM	12	0	18.89	0.077	18.90	0.078	18.96	0.079
5	256QAM	12	7	18.85	0.077	18.97	0.079	18.79	0.076
5	256QAM	12	13	18.87	0.077	19.05	0.080	18.93	0.078
5	256QAM	25	0	18.98	0.079	18.94	0.078	18.86	0.077



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	24.08	0.256	24.14	0.259	24.06	0.255
20	QPSK	1	49	23.95	0.248	23.92	0.247	23.89	0.245
20	QPSK	1	99	23.93	0.247	23.84	0.242	23.82	0.241
20	QPSK	50	0	23.10	0.204	23.11	0.205	23.08	0.203
20	QPSK	50	24	23.07	0.203	23.03	0.201	23.05	0.202
20	QPSK	50	50	23.06	0.202	22.97	0.198	22.99	0.199
20	QPSK	100	0	23.05	0.202	23.11	0.205	23.05	0.202
20	16QAM	1	0	22.98	0.199	22.98	0.199	23.00	0.200
20	16QAM	1	49	23.07	0.203	23.04	0.201	23.03	0.201
20	16QAM	1	99	22.89	0.195	23.01	0.200	23.02	0.200
20	16QAM	50	0	22.10	0.162	21.95	0.157	21.96	0.157
20	16QAM	50	24	22.00	0.158	21.99	0.158	21.89	0.155
20	16QAM	50	50	21.95	0.157	21.93	0.156	21.94	0.156
20	16QAM	100	0	21.94	0.156	22.03	0.160	21.93	0.156
20	64QAM	1	0	22.01	0.159	22.02	0.159	21.95	0.157
20	64QAM	1	49	21.96	0.157	21.98	0.158	22.05	0.160
20	64QAM	1	99	22.03	0.160	22.00	0.158	21.98	0.158
20	64QAM	50	0	21.99	0.158	21.94	0.156	21.97	0.157
20	64QAM	50	24	21.99	0.158	22.05	0.160	21.96	0.157
20	64QAM	50	50	21.90	0.155	21.96	0.157	21.90	0.155
20	64QAM	100	0	22.05	0.160	22.04	0.160	21.84	0.153
20	256QAM	1	0	18.08	0.064	18.09	0.064	18.02	0.063
20	256QAM	1	49	18.03	0.064	18.05	0.064	18.12	0.065
20	256QAM	1	99	18.10	0.065	18.07	0.064	18.05	0.064
20	256QAM	50	0	18.06	0.064	18.01	0.063	18.04	0.064
20	256QAM	50	24	18.06	0.064	18.12	0.065	18.03	0.064
20	256QAM	50	50	17.97	0.063	18.03	0.064	17.97	0.063
20	256QAM	100	0	18.12	0.065	18.11	0.065	17.91	0.062



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	23.94	0.248	23.93	0.247	23.91	0.246
15	QPSK	1	37	23.87	0.244	23.88	0.244	23.85	0.243
15	QPSK	1	74	23.88	0.244	23.78	0.239	23.72	0.236
15	QPSK	36	0	23.11	0.205	22.87	0.194	22.98	0.199
15	QPSK	36	20	23.02	0.200	22.95	0.197	23.03	0.201
15	QPSK	36	39	22.96	0.198	22.91	0.195	22.98	0.199
15	QPSK	75	0	22.96	0.198	22.96	0.198	23.01	0.200
15	16QAM	1	0	22.93	0.196	22.87	0.194	22.88	0.194
15	16QAM	1	37	23.02	0.200	22.92	0.196	22.96	0.198
15	16QAM	1	74	22.84	0.192	22.98	0.199	22.91	0.195
15	16QAM	36	0	22.04	0.160	21.94	0.156	21.89	0.155
15	16QAM	36	20	21.90	0.155	21.88	0.154	21.88	0.154
15	16QAM	36	39	21.87	0.154	21.89	0.155	21.90	0.155
15	16QAM	75	0	21.88	0.154	22.01	0.159	21.91	0.155
15	64QAM	1	0	21.89	0.155	21.92	0.156	21.88	0.154
15	64QAM	1	37	21.90	0.155	21.86	0.153	22.02	0.159
15	64QAM	1	74	21.91	0.155	21.95	0.157	21.93	0.156
15	64QAM	36	0	21.95	0.157	21.90	0.155	21.89	0.155
15	64QAM	36	20	21.94	0.156	21.95	0.157	21.95	0.157
15	64QAM	36	39	21.83	0.152	21.92	0.156	21.86	0.153
15	64QAM	75	0	22.02	0.159	21.99	0.158	21.74	0.149
15	256QAM	1	0	18.01	0.063	18.05	0.064	17.98	0.063
15	256QAM	1	37	17.97	0.063	17.95	0.062	18.09	0.064
15	256QAM	1	74	18.08	0.064	18.00	0.063	17.95	0.062
15	256QAM	36	0	17.99	0.063	18.00	0.063	17.99	0.063
15	256QAM	36	20	17.98	0.063	18.06	0.064	17.95	0.062
15	256QAM	36	39	17.95	0.062	18.01	0.063	17.86	0.061
15	256QAM	75	0	18.05	0.064	18.03	0.064	17.90	0.062



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	23.93	0.247	23.91	0.246	23.91	0.246
10	QPSK	1	25	23.91	0.246	23.83	0.242	23.80	0.240
10	QPSK	1	49	23.91	0.246	23.74	0.237	23.79	0.239
10	QPSK	25	0	23.10	0.204	22.88	0.194	22.89	0.195
10	QPSK	25	12	23.04	0.201	22.93	0.196	22.97	0.198
10	QPSK	25	25	22.97	0.198	22.93	0.196	22.94	0.197
10	QPSK	50	0	22.97	0.198	23.01	0.200	23.03	0.201
10	16QAM	1	0	22.88	0.194	22.87	0.194	22.99	0.199
10	16QAM	1	25	22.95	0.197	23.01	0.200	22.92	0.196
10	16QAM	1	49	22.88	0.194	22.92	0.196	22.92	0.196
10	16QAM	25	0	22.04	0.160	21.93	0.156	21.90	0.155
10	16QAM	25	12	21.88	0.154	21.94	0.156	21.81	0.152
10	16QAM	25	25	21.91	0.155	21.90	0.155	21.82	0.152
10	16QAM	50	0	21.91	0.155	21.95	0.157	21.84	0.153
10	64QAM	1	0	21.91	0.155	21.95	0.157	21.86	0.153
10	64QAM	1	25	21.85	0.153	21.88	0.154	21.94	0.156
10	64QAM	1	49	21.97	0.157	21.89	0.155	21.93	0.156
10	64QAM	25	0	21.92	0.156	21.85	0.153	21.85	0.153
10	64QAM	25	12	21.87	0.154	22.02	0.159	21.90	0.155
10	64QAM	25	25	21.86	0.153	21.87	0.154	21.84	0.153
10	64QAM	50	0	22.01	0.159	21.93	0.156	21.82	0.152
10	256QAM	1	0	18.02	0.063	18.02	0.063	17.90	0.062
10	256QAM	1	25	17.99	0.063	17.95	0.062	18.07	0.064
10	256QAM	1	49	18.08	0.064	18.05	0.064	18.04	0.064
10	256QAM	25	0	18.02	0.063	18.00	0.063	17.92	0.062
10	256QAM	25	12	18.01	0.063	18.03	0.064	17.97	0.063
10	256QAM	25	25	17.94	0.062	18.02	0.063	17.85	0.061
10	256QAM	50	0	18.08	0.064	18.03	0.064	17.84	0.061



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	23.90	0.245	23.93	0.247	23.90	0.245
5	QPSK	1	12	23.84	0.242	23.80	0.240	23.81	0.240
5	QPSK	1	24	23.86	0.243	23.75	0.237	23.76	0.238
5	QPSK	12	0	23.10	0.204	22.86	0.193	22.96	0.198
5	QPSK	12	7	23.03	0.201	22.97	0.198	22.95	0.197
5	QPSK	12	13	23.02	0.200	22.87	0.194	22.91	0.195
5	QPSK	25	0	23.04	0.201	22.92	0.196	22.94	0.197
5	16QAM	1	0	22.87	0.194	22.90	0.195	22.91	0.195
5	16QAM	1	12	23.01	0.200	23.03	0.201	23.01	0.200
5	16QAM	1	24	22.83	0.192	22.90	0.195	22.95	0.197
5	16QAM	12	0	22.08	0.161	21.84	0.153	21.84	0.153
5	16QAM	12	7	21.90	0.155	21.94	0.156	21.77	0.150
5	16QAM	12	13	21.87	0.154	21.83	0.152	21.88	0.154
5	16QAM	25	0	21.90	0.155	21.93	0.156	21.82	0.152
5	64QAM	1	0	21.91	0.155	21.96	0.157	21.94	0.156
5	64QAM	1	12	21.92	0.156	21.89	0.155	22.02	0.159
5	64QAM	1	24	22.01	0.159	21.91	0.155	21.88	0.154
5	64QAM	12	0	21.95	0.157	21.87	0.154	21.89	0.155
5	64QAM	12	7	21.94	0.156	21.93	0.156	21.92	0.156
5	64QAM	12	13	21.88	0.154	21.90	0.155	21.84	0.153
5	64QAM	25	0	21.99	0.158	21.96	0.157	21.76	0.150
5	256QAM	1	0	18.01	0.063	18.01	0.063	17.99	0.063
5	256QAM	1	12	17.96	0.063	18.04	0.064	18.06	0.064
5	256QAM	1	24	17.99	0.063	18.04	0.064	18.02	0.063
5	256QAM	12	0	17.94	0.062	17.90	0.062	17.98	0.063
5	256QAM	12	7	18.02	0.063	18.05	0.064	17.91	0.062
5	256QAM	12	13	17.86	0.061	18.00	0.063	17.95	0.062
5	256QAM	25	0	18.09	0.064	18.03	0.064	17.83	0.061



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	23.93	0.247	23.94	0.248	23.82	0.241
3	QPSK	1	8	23.83	0.242	23.85	0.243	23.83	0.242
3	QPSK	1	14	23.87	0.244	23.82	0.241	23.80	0.240
3	QPSK	8	0	23.05	0.202	22.89	0.195	22.89	0.195
3	QPSK	8	4	22.96	0.198	22.98	0.199	22.99	0.199
3	QPSK	8	7	22.98	0.199	22.85	0.193	22.92	0.196
3	QPSK	15	0	22.98	0.199	22.92	0.196	23.04	0.201
3	16QAM	1	0	22.94	0.197	22.94	0.197	22.99	0.199
3	16QAM	1	8	23.05	0.202	22.98	0.199	22.98	0.199
3	16QAM	1	14	22.81	0.191	22.97	0.198	22.99	0.199
3	16QAM	8	0	21.99	0.158	21.93	0.156	21.91	0.155
3	16QAM	8	4	21.94	0.156	21.97	0.157	21.78	0.151
3	16QAM	8	7	21.83	0.152	21.81	0.152	21.93	0.156
3	16QAM	15	0	21.85	0.153	21.97	0.157	21.84	0.153
3	64QAM	1	0	21.90	0.155	21.95	0.157	21.92	0.156
3	64QAM	1	8	21.95	0.157	21.92	0.156	22.01	0.159
3	64QAM	1	14	22.01	0.159	21.94	0.156	21.88	0.154
3	64QAM	8	0	21.94	0.156	21.88	0.154	21.95	0.157
3	64QAM	8	4	21.96	0.157	22.02	0.159	21.93	0.156
3	64QAM	8	7	21.87	0.154	21.86	0.153	21.86	0.153
3	64QAM	15	0	22.04	0.160	21.98	0.158	21.80	0.151
3	256QAM	1	0	18.04	0.064	18.05	0.064	17.91	0.062
3	256QAM	1	8	17.94	0.062	17.95	0.062	18.00	0.063
3	256QAM	1	14	18.02	0.063	17.98	0.063	17.97	0.063
3	256QAM	8	0	17.95	0.062	18.00	0.063	17.93	0.062
3	256QAM	8	4	17.94	0.062	18.06	0.064	17.98	0.063
3	256QAM	8	7	17.94	0.062	18.01	0.063	17.85	0.061
3	256QAM	15	0	18.02	0.063	18.08	0.064	17.81	0.060



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	23.96	0.249	23.89	0.245	23.85	0.243
1.4	QPSK	1	3	23.85	0.243	23.88	0.244	23.84	0.242
1.4	QPSK	1	5	23.84	0.242	23.74	0.237	23.81	0.240
1.4	QPSK	3	0	24.03	0.253	23.88	0.244	23.98	0.250
1.4	QPSK	3	1	23.99	0.251	23.97	0.249	23.93	0.247
1.4	QPSK	3	3	23.96	0.249	23.87	0.244	23.94	0.248
1.4	QPSK	6	0	23.01	0.200	22.93	0.196	22.94	0.197
1.4	16QAM	1	0	22.86	0.193	22.95	0.197	22.89	0.195
1.4	16QAM	1	3	23.03	0.201	22.98	0.199	22.92	0.196
1.4	16QAM	1	5	22.77	0.189	22.94	0.197	23.01	0.200
1.4	16QAM	3	0	22.98	0.199	22.86	0.193	22.94	0.197
1.4	16QAM	3	1	22.97	0.198	22.98	0.199	22.82	0.191
1.4	16QAM	3	3	22.92	0.196	22.86	0.193	22.87	0.194
1.4	16QAM	6	0	21.82	0.152	21.93	0.156	21.83	0.152
1.4	64QAM	1	0	21.98	0.158	21.95	0.157	21.90	0.155
1.4	64QAM	1	3	21.89	0.155	21.92	0.156	22.00	0.158
1.4	64QAM	1	5	22.00	0.158	21.96	0.157	21.86	0.153
1.4	64QAM	3	0	21.93	0.156	21.91	0.155	21.87	0.154
1.4	64QAM	3	1	21.90	0.155	21.97	0.157	21.89	0.155
1.4	64QAM	3	3	21.83	0.152	21.88	0.154	21.81	0.152
1.4	64QAM	6	0	21.97	0.157	21.99	0.158	21.74	0.149
1.4	256QAM	1	0	17.97	0.063	18.04	0.064	17.91	0.062
1.4	256QAM	1	3	17.92	0.062	17.99	0.063	18.06	0.064
1.4	256QAM	1	5	18.05	0.064	18.03	0.064	18.03	0.064
1.4	256QAM	3	0	18.05	0.064	18.00	0.063	18.02	0.063
1.4	256QAM	3	1	18.00	0.063	18.10	0.065	17.93	0.062
1.4	256QAM	3	3	17.94	0.062	17.91	0.062	17.92	0.062
1.4	256QAM	6	0	18.04	0.064	18.02	0.063	17.87	0.061



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	24.94	0.312	24.98	0.315	24.96	0.313
20	QPSK	1	49	24.81	0.303	24.94	0.312	24.78	0.301
20	QPSK	1	99	24.93	0.311	24.90	0.309	24.72	0.296
20	QPSK	50	0	23.93	0.247	24.00	0.251	23.95	0.248
20	QPSK	50	24	23.96	0.249	23.97	0.249	23.83	0.242
20	QPSK	50	50	23.93	0.247	23.86	0.243	23.79	0.239
20	QPSK	100	0	23.96	0.249	23.99	0.251	23.86	0.243
20	16QAM	1	0	24.06	0.255	24.07	0.255	23.95	0.248
20	16QAM	1	49	23.96	0.249	23.99	0.251	24.03	0.253
20	16QAM	1	99	23.88	0.244	23.92	0.247	23.89	0.245
20	16QAM	50	0	22.93	0.196	23.00	0.200	22.81	0.191
20	16QAM	50	24	23.01	0.200	22.96	0.198	22.98	0.199
20	16QAM	50	50	22.83	0.192	22.88	0.194	22.81	0.191
20	16QAM	100	0	22.92	0.196	22.93	0.196	22.87	0.194
20	64QAM	1	0	22.97	0.198	23.04	0.201	22.95	0.197
20	64QAM	1	49	22.79	0.190	22.87	0.194	22.90	0.195
20	64QAM	1	99	22.86	0.193	22.88	0.194	22.89	0.195
20	64QAM	50	0	22.85	0.193	22.90	0.195	22.85	0.193
20	64QAM	50	24	22.89	0.195	22.85	0.193	22.81	0.191
20	64QAM	50	50	22.76	0.189	22.83	0.192	22.70	0.186
20	64QAM	100	0	22.68	0.185	22.86	0.193	22.72	0.187
20	256QAM	1	0	19.00	0.079	19.07	0.081	18.98	0.079
20	256QAM	1	49	18.82	0.076	18.90	0.078	18.93	0.078
20	256QAM	1	99	18.89	0.077	18.91	0.078	18.92	0.078
20	256QAM	50	0	18.88	0.077	18.93	0.078	18.88	0.077
20	256QAM	50	24	18.92	0.078	18.88	0.077	18.84	0.077
20	256QAM	50	50	18.79	0.076	18.86	0.077	18.73	0.075
20	256QAM	100	0	18.71	0.074	18.89	0.077	18.75	0.075



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	24.69	0.294	24.94	0.312	24.85	0.305
15	QPSK	1	37	24.77	0.300	24.91	0.310	24.70	0.295
15	QPSK	1	74	24.84	0.305	24.80	0.302	24.69	0.294
15	QPSK	36	0	23.95	0.248	24.03	0.253	23.92	0.247
15	QPSK	36	20	24.04	0.254	24.00	0.251	23.88	0.244
15	QPSK	36	39	24.03	0.253	23.90	0.245	23.88	0.244
15	QPSK	75	0	23.90	0.245	23.82	0.241	23.84	0.242
15	16QAM	1	0	24.05	0.254	24.03	0.253	23.88	0.244
15	16QAM	1	37	23.89	0.245	23.92	0.247	23.95	0.248
15	16QAM	1	74	23.85	0.243	23.85	0.243	23.82	0.241
15	16QAM	36	0	22.92	0.196	22.98	0.199	22.74	0.188
15	16QAM	36	20	22.91	0.195	22.93	0.196	22.95	0.197
15	16QAM	36	39	22.79	0.190	22.86	0.193	22.79	0.190
15	16QAM	75	0	22.88	0.194	22.84	0.192	22.78	0.190
15	64QAM	1	0	22.91	0.195	22.94	0.197	22.86	0.193
15	64QAM	1	37	22.71	0.187	22.85	0.193	22.88	0.194
15	64QAM	1	74	22.85	0.193	22.81	0.191	22.85	0.193
15	64QAM	36	0	22.75	0.188	22.83	0.192	22.75	0.188
15	64QAM	36	20	22.85	0.193	22.75	0.188	22.73	0.187
15	64QAM	36	39	22.74	0.188	22.81	0.191	22.65	0.184
15	64QAM	75	0	22.62	0.183	22.85	0.193	22.71	0.187
15	256QAM	1	0	18.98	0.079	19.02	0.080	18.90	0.078
15	256QAM	1	37	18.75	0.075	18.80	0.076	18.87	0.077
15	256QAM	1	74	18.97	0.079	18.95	0.079	19.00	0.079
15	256QAM	36	0	18.94	0.078	19.05	0.080	18.97	0.079
15	256QAM	36	20	18.96	0.079	18.91	0.078	18.91	0.078
15	256QAM	36	39	18.82	0.076	18.93	0.078	18.80	0.076
15	256QAM	75	0	18.83	0.076	19.01	0.080	18.83	0.076



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	24.76	0.299	24.93	0.311	24.81	0.303
10	QPSK	1	25	24.78	0.301	24.92	0.310	24.73	0.297
10	QPSK	1	49	24.89	0.308	24.82	0.303	24.74	0.298
10	QPSK	25	0	23.98	0.250	24.09	0.256	23.95	0.248
10	QPSK	25	12	24.05	0.254	24.05	0.254	23.87	0.244
10	QPSK	25	25	24.02	0.252	23.90	0.245	23.84	0.242
10	QPSK	50	0	24.00	0.251	24.00	0.251	23.95	0.248
10	16QAM	1	0	24.00	0.251	24.02	0.252	23.94	0.248
10	16QAM	1	25	23.93	0.247	23.93	0.247	23.99	0.251
10	16QAM	1	49	23.85	0.243	23.89	0.245	23.88	0.244
10	16QAM	25	0	22.87	0.194	22.96	0.198	22.76	0.189
10	16QAM	25	12	22.94	0.197	22.93	0.196	22.95	0.197
10	16QAM	25	25	22.73	0.187	22.84	0.192	22.72	0.187
10	16QAM	50	0	22.86	0.193	22.87	0.194	22.81	0.191
10	64QAM	1	0	22.94	0.197	23.03	0.201	22.91	0.195
10	64QAM	1	25	22.78	0.190	22.79	0.190	22.89	0.195
10	64QAM	1	49	22.84	0.192	22.84	0.192	22.87	0.194
10	64QAM	25	0	22.79	0.190	22.87	0.194	22.83	0.192
10	64QAM	25	12	22.88	0.194	22.83	0.192	22.77	0.189
10	64QAM	25	25	22.66	0.185	22.75	0.188	22.62	0.183
10	64QAM	50	0	22.67	0.185	22.83	0.192	22.71	0.187
10	256QAM	1	0	18.94	0.078	18.99	0.079	18.92	0.078
10	256QAM	1	25	18.74	0.075	18.88	0.077	18.90	0.078
10	256QAM	1	49	18.80	0.076	18.89	0.077	18.82	0.076
10	256QAM	25	0	18.80	0.076	18.85	0.077	18.84	0.077
10	256QAM	25	12	18.98	0.079	18.94	0.078	18.93	0.078
10	256QAM	25	25	18.89	0.077	18.98	0.079	18.83	0.076
10	256QAM	50	0	18.82	0.076	19.01	0.080	18.82	0.076



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	24.68	0.294	24.93	0.311	24.86	0.306
5	QPSK	1	12	24.75	0.299	24.92	0.310	24.74	0.298
5	QPSK	1	24	24.84	0.305	24.85	0.305	24.69	0.294
5	QPSK	12	0	23.96	0.249	24.06	0.255	23.97	0.249
5	QPSK	12	7	23.94	0.248	23.89	0.245	23.81	0.240
5	QPSK	12	13	23.85	0.243	23.84	0.242	23.69	0.234
5	QPSK	25	0	23.95	0.248	23.89	0.245	23.82	0.241
5	16QAM	1	0	24.03	0.253	24.06	0.255	23.90	0.245
5	16QAM	1	12	23.95	0.248	23.97	0.249	23.98	0.250
5	16QAM	1	24	23.87	0.244	23.82	0.241	23.79	0.239
5	16QAM	12	0	22.88	0.194	22.92	0.196	22.77	0.189
5	16QAM	12	7	22.97	0.198	22.93	0.196	22.94	0.197
5	16QAM	12	13	22.80	0.191	22.83	0.192	22.78	0.190
5	16QAM	25	0	22.83	0.192	22.86	0.193	22.82	0.191
5	64QAM	1	0	22.94	0.197	23.02	0.200	22.91	0.195
5	64QAM	1	12	22.75	0.188	22.81	0.191	22.85	0.193
5	64QAM	1	24	22.82	0.191	22.84	0.192	22.88	0.194
5	64QAM	12	0	22.76	0.189	22.85	0.193	22.84	0.192
5	64QAM	12	7	22.88	0.194	22.81	0.191	22.80	0.191
5	64QAM	12	13	22.69	0.186	22.76	0.189	22.64	0.184
5	64QAM	25	0	22.60	0.182	22.76	0.189	22.64	0.184
5	256QAM	1	0	18.93	0.078	18.97	0.079	18.92	0.078
5	256QAM	1	12	18.79	0.076	18.85	0.077	18.92	0.078
5	256QAM	1	24	18.81	0.076	18.83	0.076	18.83	0.076
5	256QAM	12	0	18.80	0.076	18.83	0.076	18.80	0.076
5	256QAM	12	7	18.97	0.079	18.99	0.079	18.91	0.078
5	256QAM	12	13	18.91	0.078	18.94	0.078	18.78	0.076
5	256QAM	25	0	18.81	0.076	18.99	0.079	18.86	0.077



LTE Band 41 (Power Class2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.47	0.444	26.53	0.450	26.36	0.433
20	QPSK	1	49	26.38	0.435	26.28	0.425	26.26	0.423
20	QPSK	1	99	26.47	0.444	26.43	0.440	26.25	0.422
20	QPSK	50	0	25.70	0.372	25.71	0.372	25.44	0.350
20	QPSK	50	24	25.66	0.368	25.57	0.361	25.39	0.346
20	QPSK	50	50	25.68	0.370	25.53	0.357	25.26	0.336
20	QPSK	100	0	25.67	0.369	25.58	0.361	25.36	0.344
20	16QAM	1	0	25.75	0.376	25.71	0.372	25.66	0.368
20	16QAM	1	49	25.68	0.370	25.65	0.367	25.61	0.364
20	16QAM	1	99	25.61	0.364	25.70	0.372	25.58	0.361
20	16QAM	50	0	24.76	0.299	24.58	0.287	24.43	0.277
20	16QAM	50	24	24.70	0.295	24.61	0.289	24.46	0.279
20	16QAM	50	50	24.67	0.293	24.46	0.279	24.42	0.277
20	16QAM	100	0	24.58	0.287	24.61	0.289	24.56	0.286
20	64QAM	1	0	24.66	0.292	24.64	0.291	24.58	0.287
20	64QAM	1	49	24.65	0.292	24.55	0.285	24.48	0.281
20	64QAM	1	99	24.59	0.288	24.59	0.288	24.53	0.284
20	64QAM	50	0	24.71	0.296	24.52	0.283	24.29	0.269
20	64QAM	50	24	24.61	0.289	24.55	0.285	24.47	0.280
20	64QAM	50	50	24.48	0.281	24.50	0.282	24.41	0.276
20	64QAM	100	0	24.67	0.293	24.66	0.292	24.56	0.286
20	256QAM	1	0	20.42	0.110	20.40	0.110	20.34	0.108
20	256QAM	1	49	20.41	0.110	20.31	0.107	20.24	0.106
20	256QAM	1	99	20.35	0.108	20.35	0.108	20.29	0.107
20	256QAM	50	0	20.47	0.111	20.28	0.107	20.05	0.101
20	256QAM	50	24	20.37	0.109	20.31	0.107	20.23	0.105
20	256QAM	50	50	20.24	0.106	20.26	0.106	20.17	0.104
20	256QAM	100	0	20.43	0.110	20.42	0.110	20.32	0.108



LTE Band 41 (Power Class2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.42	0.439	26.52	0.449	26.27	0.424
15	QPSK	1	37	26.37	0.434	26.26	0.423	26.27	0.424
15	QPSK	1	74	26.38	0.435	26.33	0.430	26.24	0.421
15	QPSK	36	0	25.59	0.362	25.67	0.369	25.43	0.349
15	QPSK	36	20	25.55	0.359	25.53	0.357	25.33	0.341
15	QPSK	36	39	25.67	0.369	25.50	0.355	25.24	0.334
15	QPSK	75	0	25.58	0.361	25.50	0.355	25.29	0.338
15	16QAM	1	0	25.71	0.372	25.60	0.363	25.60	0.363
15	16QAM	1	37	25.59	0.362	25.63	0.366	25.51	0.356
15	16QAM	1	74	25.57	0.361	25.60	0.363	25.46	0.352
15	16QAM	36	0	24.69	0.294	24.50	0.282	24.38	0.274
15	16QAM	36	20	24.69	0.294	24.55	0.285	24.43	0.277
15	16QAM	36	39	24.56	0.286	24.37	0.274	24.41	0.276
15	16QAM	75	0	24.54	0.284	24.60	0.288	24.53	0.284
15	64QAM	1	0	24.55	0.285	24.58	0.287	24.48	0.281
15	64QAM	1	37	24.62	0.290	24.51	0.282	24.39	0.275
15	64QAM	1	74	24.56	0.286	24.48	0.281	24.49	0.281
15	64QAM	36	0	24.59	0.288	24.42	0.277	24.24	0.265
15	64QAM	36	20	24.50	0.282	24.45	0.279	24.43	0.277
15	64QAM	36	39	24.43	0.277	24.42	0.277	24.37	0.274
15	64QAM	75	0	24.60	0.288	24.54	0.284	24.54	0.284
15	256QAM	1	0	20.32	0.108	20.37	0.109	20.25	0.106
15	256QAM	1	37	20.31	0.107	20.23	0.105	20.21	0.105
15	256QAM	1	74	20.27	0.106	20.28	0.107	20.23	0.105
15	256QAM	36	0	20.42	0.110	20.18	0.104	19.99	0.100
15	256QAM	36	20	20.29	0.107	20.21	0.105	20.19	0.104
15	256QAM	36	39	20.18	0.104	20.23	0.105	20.06	0.101
15	256QAM	75	0	20.35	0.108	20.35	0.108	20.21	0.105



LTE Band 41 (Power Class2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.38	0.435	26.48	0.445	26.27	0.424
10	QPSK	1	25	26.30	0.427	26.24	0.421	26.26	0.423
10	QPSK	1	49	26.43	0.440	26.33	0.430	26.28	0.425
10	QPSK	25	0	25.66	0.368	25.63	0.366	25.37	0.344
10	QPSK	25	12	25.65	0.367	25.56	0.360	25.29	0.338
10	QPSK	25	25	25.67	0.369	25.51	0.356	25.24	0.334
10	QPSK	50	0	25.63	0.366	25.57	0.361	25.31	0.340
10	16QAM	1	0	25.71	0.372	25.62	0.365	25.59	0.362
10	16QAM	1	25	25.62	0.365	25.55	0.359	25.52	0.356
10	16QAM	1	49	25.58	0.361	25.69	0.371	25.52	0.356
10	16QAM	25	0	24.65	0.292	24.50	0.282	24.34	0.272
10	16QAM	25	12	24.67	0.293	24.56	0.286	24.35	0.272
10	16QAM	25	25	24.60	0.288	24.39	0.275	24.32	0.270
10	16QAM	50	0	24.48	0.281	24.57	0.286	24.54	0.284
10	64QAM	1	0	24.61	0.289	24.54	0.284	24.52	0.283
10	64QAM	1	25	24.62	0.290	24.47	0.280	24.39	0.275
10	64QAM	1	49	24.47	0.280	24.51	0.282	24.43	0.277
10	64QAM	25	0	24.60	0.288	24.42	0.277	24.28	0.268
10	64QAM	25	12	24.57	0.286	24.45	0.279	24.45	0.279
10	64QAM	25	25	24.47	0.280	24.47	0.280	24.34	0.272
10	64QAM	50	0	24.66	0.292	24.62	0.290	24.52	0.283
10	256QAM	1	0	20.35	0.108	20.38	0.109	20.27	0.106
10	256QAM	1	25	20.35	0.108	20.19	0.104	20.17	0.104
10	256QAM	1	49	20.31	0.107	20.25	0.106	20.18	0.104
10	256QAM	25	0	20.43	0.110	20.17	0.104	19.99	0.100
10	256QAM	25	12	20.31	0.107	20.28	0.107	20.12	0.103
10	256QAM	25	25	20.23	0.105	20.16	0.104	20.08	0.102
10	256QAM	50	0	20.36	0.109	20.35	0.108	20.28	0.107



LTE Band 41 (Power Class2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.36	0.433	26.50	0.447	26.35	0.432
5	QPSK	1	12	26.36	0.433	26.28	0.425	26.31	0.428
5	QPSK	1	24	26.42	0.439	26.31	0.428	26.30	0.427
5	QPSK	12	0	25.66	0.368	25.64	0.366	25.38	0.345
5	QPSK	12	7	25.58	0.361	25.49	0.354	25.35	0.343
5	QPSK	12	13	25.56	0.360	25.46	0.352	25.25	0.335
5	QPSK	25	0	25.56	0.360	25.51	0.356	25.25	0.335
5	16QAM	1	0	25.65	0.367	25.65	0.367	25.64	0.366
5	16QAM	1	12	25.58	0.361	25.54	0.358	25.54	0.358
5	16QAM	1	24	25.50	0.355	25.58	0.361	25.48	0.353
5	16QAM	12	0	24.65	0.292	24.54	0.284	24.32	0.270
5	16QAM	12	7	24.59	0.288	24.54	0.284	24.37	0.274
5	16QAM	12	13	24.59	0.288	24.39	0.275	24.34	0.272
5	16QAM	25	0	24.53	0.284	24.56	0.286	24.50	0.282
5	64QAM	1	0	24.60	0.288	24.56	0.286	24.49	0.281
5	64QAM	1	12	24.54	0.284	24.48	0.281	24.44	0.278
5	64QAM	1	24	24.49	0.281	24.57	0.286	24.51	0.282
5	64QAM	12	0	24.64	0.291	24.49	0.281	24.27	0.267
5	64QAM	12	7	24.49	0.281	24.43	0.277	24.37	0.274
5	64QAM	12	13	24.39	0.275	24.39	0.275	24.32	0.270
5	64QAM	25	0	24.59	0.288	24.61	0.289	24.53	0.284
5	256QAM	1	0	20.40	0.110	20.35	0.108	20.22	0.105
5	256QAM	1	12	20.31	0.107	20.23	0.105	20.12	0.103
5	256QAM	1	24	20.25	0.106	20.25	0.106	20.22	0.105
5	256QAM	12	0	20.40	0.110	20.27	0.106	20.01	0.100
5	256QAM	12	7	20.32	0.108	20.30	0.107	20.18	0.104
5	256QAM	12	13	20.17	0.104	20.15	0.104	20.16	0.104
5	256QAM	25	0	20.40	0.110	20.36	0.109	20.28	0.107



LTE Band 41 (Power Class3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.91	0.310	24.97	0.314	24.80	0.302
20	QPSK	1	49	24.82	0.303	24.72	0.296	24.70	0.295
20	QPSK	1	99	24.91	0.310	24.87	0.307	24.69	0.294
20	QPSK	50	0	24.14	0.259	24.15	0.260	24.12	0.258
20	QPSK	50	24	24.10	0.257	24.01	0.252	23.83	0.242
20	QPSK	50	50	24.12	0.258	23.97	0.249	23.70	0.234
20	QPSK	100	0	24.11	0.258	24.02	0.252	23.80	0.240
20	16QAM	1	0	24.19	0.262	24.15	0.260	24.10	0.257
20	16QAM	1	49	24.12	0.258	24.09	0.256	24.05	0.254
20	16QAM	1	99	24.05	0.254	24.14	0.259	24.02	0.252
20	16QAM	50	0	23.20	0.209	23.02	0.200	22.87	0.194
20	16QAM	50	24	23.14	0.206	23.05	0.202	22.90	0.195
20	16QAM	50	50	23.11	0.205	22.90	0.195	22.86	0.193
20	16QAM	100	0	23.02	0.200	23.05	0.202	23.00	0.200
20	64QAM	1	0	23.10	0.204	23.08	0.203	23.02	0.200
20	64QAM	1	49	23.09	0.204	22.99	0.199	22.92	0.196
20	64QAM	1	99	23.03	0.201	23.03	0.201	22.97	0.198
20	64QAM	50	0	23.15	0.207	22.96	0.198	22.73	0.187
20	64QAM	50	24	23.05	0.202	22.99	0.199	22.91	0.195
20	64QAM	50	50	22.92	0.196	22.94	0.197	22.85	0.193
20	64QAM	100	0	23.11	0.205	23.10	0.204	23.00	0.200
20	256QAM	1	0	19.30	0.085	19.28	0.085	19.22	0.084
20	256QAM	1	49	19.29	0.085	19.19	0.083	19.12	0.082
20	256QAM	1	99	19.23	0.084	19.23	0.084	19.17	0.083
20	256QAM	50	0	19.35	0.086	19.16	0.082	18.93	0.078
20	256QAM	50	24	19.25	0.084	19.19	0.083	19.11	0.081
20	256QAM	50	50	19.12	0.082	19.14	0.082	19.05	0.080
20	256QAM	100	0	19.31	0.085	19.30	0.085	19.20	0.083



LTE Band 41 (Power Class3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.86	0.306	24.96	0.313	24.71	0.296
15	QPSK	1	37	24.81	0.303	24.70	0.295	24.71	0.296
15	QPSK	1	74	24.82	0.303	24.77	0.300	24.68	0.294
15	QPSK	36	0	24.03	0.253	24.11	0.258	23.87	0.244
15	QPSK	36	20	23.99	0.251	23.97	0.249	23.77	0.238
15	QPSK	36	39	24.11	0.258	23.94	0.248	23.68	0.233
15	QPSK	75	0	24.02	0.252	23.94	0.248	23.73	0.236
15	16QAM	1	0	24.15	0.260	24.04	0.254	24.04	0.254
15	16QAM	1	37	24.03	0.253	24.07	0.255	23.95	0.248
15	16QAM	1	74	24.01	0.252	24.04	0.254	23.90	0.245
15	16QAM	36	0	23.13	0.206	22.94	0.197	22.82	0.191
15	16QAM	36	20	23.13	0.206	22.99	0.199	22.87	0.194
15	16QAM	36	39	23.00	0.200	22.81	0.191	22.85	0.193
15	16QAM	75	0	22.98	0.199	23.04	0.201	22.97	0.198
15	64QAM	1	0	22.99	0.199	23.02	0.200	22.92	0.196
15	64QAM	1	37	23.06	0.202	22.95	0.197	22.83	0.192
15	64QAM	1	74	23.00	0.200	22.92	0.196	22.93	0.196
15	64QAM	36	0	23.03	0.201	22.86	0.193	22.68	0.185
15	64QAM	36	20	22.94	0.197	22.89	0.195	22.87	0.194
15	64QAM	36	39	22.87	0.194	22.86	0.193	22.81	0.191
15	64QAM	75	0	23.04	0.201	22.98	0.199	22.98	0.199
15	256QAM	1	0	19.20	0.083	19.25	0.084	19.13	0.082
15	256QAM	1	37	19.19	0.083	19.11	0.081	19.09	0.081
15	256QAM	1	74	19.15	0.082	19.16	0.082	19.11	0.081
15	256QAM	36	0	19.30	0.085	19.06	0.081	18.87	0.077
15	256QAM	36	20	19.17	0.083	19.09	0.081	19.07	0.081
15	256QAM	36	39	19.06	0.081	19.11	0.081	18.94	0.078
15	256QAM	75	0	19.23	0.084	19.23	0.084	19.09	0.081



LTE Band 41 (Power Class3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.82	0.303	24.92	0.310	24.71	0.296
10	QPSK	1	25	24.74	0.298	24.68	0.294	24.70	0.295
10	QPSK	1	49	24.87	0.307	24.77	0.300	24.72	0.296
10	QPSK	25	0	24.10	0.257	24.07	0.255	23.81	0.240
10	QPSK	25	12	24.09	0.256	24.00	0.251	23.73	0.236
10	QPSK	25	25	24.11	0.258	23.95	0.248	23.68	0.233
10	QPSK	50	0	24.07	0.255	24.01	0.252	23.75	0.237
10	16QAM	1	0	24.15	0.260	24.06	0.255	24.03	0.253
10	16QAM	1	25	24.06	0.255	23.99	0.251	23.96	0.249
10	16QAM	1	49	24.02	0.252	24.13	0.259	23.96	0.249
10	16QAM	25	0	23.09	0.204	22.94	0.197	22.78	0.190
10	16QAM	25	12	23.11	0.205	23.00	0.200	22.79	0.190
10	16QAM	25	25	23.04	0.201	22.83	0.192	22.76	0.189
10	16QAM	50	0	22.92	0.196	23.01	0.200	22.98	0.199
10	64QAM	1	0	23.05	0.202	22.98	0.199	22.96	0.198
10	64QAM	1	25	23.06	0.202	22.91	0.195	22.83	0.192
10	64QAM	1	49	22.91	0.195	22.95	0.197	22.87	0.194
10	64QAM	25	0	23.04	0.201	22.86	0.193	22.72	0.187
10	64QAM	25	12	23.01	0.200	22.89	0.195	22.89	0.195
10	64QAM	25	25	22.91	0.195	22.91	0.195	22.78	0.190
10	64QAM	50	0	23.10	0.204	23.06	0.202	22.96	0.198
10	256QAM	1	0	19.23	0.084	19.26	0.084	19.15	0.082
10	256QAM	1	25	19.23	0.084	19.07	0.081	19.05	0.080
10	256QAM	1	49	19.19	0.083	19.13	0.082	19.06	0.081
10	256QAM	25	0	19.31	0.085	19.05	0.080	18.87	0.077
10	256QAM	25	12	19.19	0.083	19.16	0.082	19.00	0.079
10	256QAM	25	25	19.11	0.081	19.04	0.080	18.96	0.079
10	256QAM	50	0	19.24	0.084	19.23	0.084	19.16	0.082



LTE Band 41 (Power Class3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.80	0.302	24.94	0.312	24.79	0.301
5	QPSK	1	12	24.80	0.302	24.72	0.296	24.75	0.299
5	QPSK	1	24	24.86	0.306	24.75	0.299	24.74	0.298
5	QPSK	12	0	24.10	0.257	24.08	0.256	23.82	0.241
5	QPSK	12	7	24.02	0.252	23.93	0.247	23.79	0.239
5	QPSK	12	13	24.00	0.251	23.90	0.245	23.69	0.234
5	QPSK	25	0	24.00	0.251	23.95	0.248	23.69	0.234
5	16QAM	1	0	24.09	0.256	24.09	0.256	24.08	0.256
5	16QAM	1	12	24.02	0.252	23.98	0.250	23.98	0.250
5	16QAM	1	24	23.94	0.248	24.02	0.252	23.92	0.247
5	16QAM	12	0	23.09	0.204	22.98	0.199	22.76	0.189
5	16QAM	12	7	23.03	0.201	22.98	0.199	22.81	0.191
5	16QAM	12	13	23.03	0.201	22.83	0.192	22.78	0.190
5	16QAM	25	0	22.97	0.198	23.00	0.200	22.94	0.197
5	64QAM	1	0	23.04	0.201	23.00	0.200	22.93	0.196
5	64QAM	1	12	22.98	0.199	22.92	0.196	22.88	0.194
5	64QAM	1	24	22.93	0.196	23.01	0.200	22.95	0.197
5	64QAM	12	0	23.08	0.203	22.93	0.196	22.71	0.187
5	64QAM	12	7	22.93	0.196	22.87	0.194	22.81	0.191
5	64QAM	12	13	22.83	0.192	22.83	0.192	22.76	0.189
5	64QAM	25	0	23.03	0.201	23.05	0.202	22.97	0.198
5	256QAM	1	0	19.28	0.085	19.23	0.084	19.10	0.081
5	256QAM	1	12	19.19	0.083	19.11	0.081	19.00	0.079
5	256QAM	1	24	19.13	0.082	19.13	0.082	19.10	0.081
5	256QAM	12	0	19.28	0.085	19.15	0.082	18.89	0.077
5	256QAM	12	7	19.20	0.083	19.18	0.083	19.06	0.081
5	256QAM	12	13	19.05	0.080	19.03	0.080	19.04	0.080
5	256QAM	25	0	19.28	0.085	19.24	0.084	19.16	0.082



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.78	0.239	23.81	0.240	23.72	0.236
20	QPSK	1	49	23.50	0.224	23.62	0.230	23.47	0.222
20	QPSK	1	99	23.58	0.228	23.58	0.228	23.55	0.226
20	QPSK	50	0	22.70	0.186	22.75	0.188	22.73	0.187
20	QPSK	50	24	22.63	0.183	22.71	0.187	22.70	0.186
20	QPSK	50	50	22.74	0.188	22.69	0.186	22.71	0.187
20	QPSK	100	0	22.70	0.186	22.75	0.188	22.72	0.187
20	16QAM	1	0	23.00	0.200	22.95	0.197	22.97	0.198
20	16QAM	1	49	22.87	0.194	22.96	0.198	22.73	0.187
20	16QAM	1	99	22.81	0.191	22.88	0.194	22.96	0.198
20	16QAM	50	0	21.67	0.147	21.60	0.145	21.59	0.144
20	16QAM	50	24	21.79	0.151	21.74	0.149	21.62	0.145
20	16QAM	50	50	21.72	0.149	21.71	0.148	21.68	0.147
20	16QAM	100	0	21.73	0.149	21.70	0.148	21.60	0.145
20	64QAM	1	0	21.96	0.157	21.93	0.156	21.94	0.156
20	64QAM	1	49	21.84	0.153	21.94	0.156	21.68	0.147
20	64QAM	1	99	21.75	0.150	21.88	0.154	21.89	0.155
20	64QAM	50	0	21.64	0.146	21.59	0.144	21.59	0.144
20	64QAM	50	24	21.71	0.148	21.69	0.148	21.61	0.145
20	64QAM	50	50	21.64	0.146	21.65	0.146	21.65	0.146
20	64QAM	100	0	21.75	0.150	21.64	0.146	21.53	0.142
20	256QAM	1	0	17.85	0.061	17.80	0.060	17.87	0.061
20	256QAM	1	49	17.68	0.059	17.85	0.061	17.58	0.057
20	256QAM	1	99	17.70	0.059	17.77	0.060	17.85	0.061
20	256QAM	50	0	17.50	0.056	17.43	0.055	17.44	0.055
20	256QAM	50	24	17.60	0.058	17.64	0.058	17.45	0.056
20	256QAM	50	50	17.63	0.058	17.56	0.057	17.54	0.057
20	256QAM	100	0	17.59	0.057	17.62	0.058	17.45	0.056



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.40	0.219	23.60	0.229	23.56	0.227
15	QPSK	1	37	23.48	0.223	23.55	0.226	23.37	0.217
15	QPSK	1	74	23.52	0.225	23.57	0.228	23.51	0.224
15	QPSK	36	0	22.48	0.177	22.52	0.179	22.51	0.178
15	QPSK	36	20	22.54	0.179	22.67	0.185	22.69	0.186
15	QPSK	36	39	22.65	0.184	22.65	0.184	22.66	0.185
15	QPSK	75	0	22.50	0.178	22.54	0.179	22.66	0.185
15	16QAM	1	0	22.98	0.199	22.88	0.194	22.95	0.197
15	16QAM	1	37	22.82	0.191	22.92	0.196	22.69	0.186
15	16QAM	1	74	22.76	0.189	22.79	0.190	22.89	0.195
15	16QAM	36	0	21.65	0.146	21.55	0.143	21.57	0.144
15	16QAM	36	20	21.68	0.147	21.72	0.149	21.61	0.145
15	16QAM	36	39	21.66	0.147	21.62	0.145	21.60	0.145
15	16QAM	75	0	21.66	0.147	21.62	0.145	21.50	0.141
15	64QAM	1	0	21.91	0.155	21.89	0.155	21.87	0.154
15	64QAM	1	37	21.75	0.150	21.84	0.153	21.64	0.146
15	64QAM	1	74	21.64	0.146	21.83	0.152	21.87	0.154
15	64QAM	36	0	21.52	0.142	21.58	0.144	21.51	0.142
15	64QAM	36	20	21.61	0.145	21.59	0.144	21.60	0.145
15	64QAM	36	39	21.55	0.143	21.63	0.146	21.55	0.143
15	64QAM	75	0	21.73	0.149	21.62	0.145	21.46	0.140
15	256QAM	1	0	17.82	0.061	17.75	0.060	17.81	0.060
15	256QAM	1	37	17.62	0.058	17.77	0.060	17.52	0.056
15	256QAM	1	74	17.59	0.057	17.72	0.059	17.83	0.061
15	256QAM	36	0	17.54	0.057	17.53	0.057	17.53	0.057
15	256QAM	36	20	17.61	0.058	17.78	0.060	17.51	0.056
15	256QAM	36	39	17.63	0.058	17.64	0.058	17.65	0.058
15	256QAM	75	0	17.59	0.057	17.73	0.059	17.54	0.057



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.50	0.224	23.60	0.229	23.58	0.228
10	QPSK	1	25	23.38	0.218	23.59	0.229	23.39	0.218
10	QPSK	1	49	23.48	0.223	23.52	0.225	23.46	0.222
10	QPSK	25	0	22.48	0.177	22.56	0.180	22.57	0.181
10	QPSK	25	12	22.56	0.180	22.64	0.184	22.62	0.183
10	QPSK	25	25	22.65	0.184	22.64	0.184	22.65	0.184
10	QPSK	50	0	22.56	0.180	22.45	0.176	22.71	0.187
10	16QAM	1	0	22.99	0.199	22.89	0.195	22.93	0.196
10	16QAM	1	25	22.80	0.191	22.92	0.196	22.65	0.184
10	16QAM	1	49	22.77	0.189	22.83	0.192	22.88	0.194
10	16QAM	25	0	21.55	0.143	21.57	0.144	21.51	0.142
10	16QAM	25	12	21.76	0.150	21.68	0.147	21.57	0.144
10	16QAM	25	25	21.61	0.145	21.68	0.147	21.61	0.145
10	16QAM	50	0	21.68	0.147	21.61	0.145	21.56	0.143
10	64QAM	1	0	21.84	0.153	21.91	0.155	21.84	0.153
10	64QAM	1	25	21.82	0.152	21.88	0.154	21.62	0.145
10	64QAM	1	49	21.64	0.146	21.85	0.153	21.83	0.152
10	64QAM	25	0	21.62	0.145	21.58	0.144	21.50	0.141
10	64QAM	25	12	21.67	0.147	21.66	0.147	21.51	0.142
10	64QAM	25	25	21.53	0.142	21.63	0.146	21.56	0.143
10	64QAM	50	0	21.67	0.147	21.54	0.143	21.52	0.142
10	256QAM	1	0	17.97	0.063	17.88	0.061	17.96	0.063
10	256QAM	1	25	17.80	0.060	17.99	0.063	17.67	0.058
10	256QAM	1	49	17.77	0.060	17.91	0.062	17.91	0.062
10	256QAM	25	0	17.55	0.057	17.52	0.056	17.53	0.057
10	256QAM	25	12	17.75	0.060	17.79	0.060	17.54	0.057
10	256QAM	25	25	17.69	0.059	17.66	0.058	17.67	0.058
10	256QAM	50	0	17.72	0.059	17.70	0.059	17.55	0.057



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.46	0.222	23.63	0.231	23.57	0.228
5	QPSK	1	12	23.47	0.222	23.54	0.226	23.41	0.219
5	QPSK	1	24	23.53	0.225	23.50	0.224	23.50	0.224
5	QPSK	12	0	22.56	0.180	22.59	0.182	22.57	0.181
5	QPSK	12	7	22.57	0.181	22.67	0.185	22.61	0.182
5	QPSK	12	13	22.68	0.185	22.65	0.184	22.64	0.184
5	QPSK	25	0	22.52	0.179	22.51	0.178	22.71	0.187
5	16QAM	1	0	22.94	0.197	22.91	0.195	22.94	0.197
5	16QAM	1	12	22.75	0.188	22.92	0.196	22.67	0.185
5	16QAM	1	24	22.74	0.188	22.85	0.193	22.86	0.193
5	16QAM	12	0	21.62	0.145	21.50	0.141	21.53	0.142
5	16QAM	12	7	21.73	0.149	21.67	0.147	21.52	0.142
5	16QAM	12	13	21.60	0.145	21.69	0.148	21.64	0.146
5	16QAM	25	0	21.72	0.149	21.67	0.147	21.55	0.143
5	64QAM	1	0	21.86	0.153	21.85	0.153	21.91	0.155
5	64QAM	1	12	21.72	0.149	21.91	0.155	21.65	0.146
5	64QAM	1	24	21.66	0.147	21.80	0.151	21.87	0.154
5	64QAM	12	0	21.61	0.145	21.50	0.141	21.53	0.142
5	64QAM	12	7	21.69	0.148	21.66	0.147	21.53	0.142
5	64QAM	12	13	21.62	0.145	21.64	0.146	21.61	0.145
5	64QAM	25	0	21.63	0.146	21.63	0.146	21.48	0.141
5	256QAM	1	0	17.97	0.063	17.89	0.062	17.95	0.062
5	256QAM	1	12	17.74	0.059	17.91	0.062	17.67	0.058
5	256QAM	1	24	17.80	0.060	17.91	0.062	17.94	0.062
5	256QAM	12	0	17.59	0.057	17.56	0.057	17.50	0.056
5	256QAM	12	7	17.65	0.058	17.71	0.059	17.60	0.058
5	256QAM	12	13	17.76	0.060	17.68	0.059	17.66	0.058
5	256QAM	25	0	17.71	0.059	17.71	0.059	17.53	0.057



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.46	0.222	23.56	0.227	23.53	0.225
3	QPSK	1	8	23.38	0.218	23.56	0.227	23.43	0.220
3	QPSK	1	14	23.48	0.223	23.49	0.223	23.54	0.226
3	QPSK	8	0	22.55	0.180	22.53	0.179	22.56	0.180
3	QPSK	8	4	22.59	0.182	22.62	0.183	22.62	0.183
3	QPSK	8	7	22.65	0.184	22.65	0.184	22.62	0.183
3	QPSK	15	0	22.54	0.179	22.45	0.176	22.62	0.183
3	16QAM	1	0	22.95	0.197	22.92	0.196	22.87	0.194
3	16QAM	1	8	22.83	0.192	22.88	0.194	22.71	0.187
3	16QAM	1	14	22.69	0.186	22.85	0.193	22.95	0.197
3	16QAM	8	0	21.57	0.144	21.57	0.144	21.52	0.142
3	16QAM	8	4	21.70	0.148	21.67	0.147	21.60	0.145
3	16QAM	8	7	21.64	0.146	21.63	0.146	21.67	0.147
3	16QAM	15	0	21.63	0.146	21.61	0.145	21.55	0.143
3	64QAM	1	0	21.95	0.157	21.86	0.153	21.93	0.156
3	64QAM	1	8	21.82	0.152	21.89	0.155	21.66	0.147
3	64QAM	1	14	21.70	0.148	21.82	0.152	21.79	0.151
3	64QAM	8	0	21.55	0.143	21.57	0.144	21.49	0.141
3	64QAM	8	4	21.70	0.148	21.59	0.144	21.60	0.145
3	64QAM	8	7	21.60	0.145	21.55	0.143	21.59	0.144
3	64QAM	15	0	21.71	0.148	21.58	0.144	21.47	0.140
3	256QAM	1	0	17.90	0.062	17.88	0.061	18.00	0.063
3	256QAM	1	8	17.82	0.061	17.94	0.062	17.64	0.058
3	256QAM	1	14	17.79	0.060	17.85	0.061	17.96	0.063
3	256QAM	8	0	17.54	0.057	17.56	0.057	17.59	0.057
3	256QAM	8	4	17.73	0.059	17.73	0.059	17.54	0.057
3	256QAM	8	7	17.71	0.059	17.63	0.058	17.64	0.058
3	256QAM	15	0	17.73	0.059	17.69	0.059	17.52	0.056



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.45	0.221	23.61	0.230	23.57	0.228
1.4	QPSK	1	3	23.48	0.223	23.56	0.227	23.45	0.221
1.4	QPSK	1	5	23.49	0.223	23.57	0.228	23.45	0.221
1.4	QPSK	3	0	23.59	0.229	23.57	0.228	23.71	0.235
1.4	QPSK	3	1	23.62	0.230	23.64	0.231	23.60	0.229
1.4	QPSK	3	3	23.67	0.233	23.64	0.231	23.61	0.230
1.4	QPSK	6	0	22.58	0.181	22.45	0.176	22.69	0.186
1.4	16QAM	1	0	22.92	0.196	22.88	0.194	22.87	0.194
1.4	16QAM	1	3	22.79	0.190	22.91	0.195	22.64	0.184
1.4	16QAM	1	5	22.79	0.190	22.86	0.193	22.90	0.195
1.4	16QAM	3	0	22.56	0.180	22.78	0.190	22.57	0.181
1.4	16QAM	3	1	22.76	0.189	22.73	0.187	22.59	0.182
1.4	16QAM	3	3	22.63	0.183	22.66	0.185	22.65	0.184
1.4	16QAM	6	0	21.66	0.147	21.62	0.145	21.63	0.146
1.4	64QAM	1	0	21.92	0.156	21.85	0.153	21.84	0.153
1.4	64QAM	1	3	21.76	0.150	21.92	0.156	21.65	0.146
1.4	64QAM	1	5	21.73	0.149	21.80	0.151	21.83	0.152
1.4	64QAM	3	0	21.66	0.147	21.61	0.145	21.57	0.144
1.4	64QAM	3	1	21.60	0.145	21.65	0.146	21.59	0.144
1.4	64QAM	3	3	21.60	0.145	21.61	0.145	21.64	0.146
1.4	64QAM	6	0	21.72	0.149	21.59	0.144	21.51	0.142
1.4	256QAM	1	0	17.99	0.063	17.95	0.062	17.99	0.063
1.4	256QAM	1	3	17.74	0.059	17.94	0.062	17.73	0.059
1.4	256QAM	1	5	17.76	0.060	17.87	0.061	17.98	0.063
1.4	256QAM	3	0	17.63	0.058	17.51	0.056	17.54	0.057
1.4	256QAM	3	1	17.75	0.060	17.70	0.059	17.59	0.057
1.4	256QAM	3	3	17.68	0.059	17.70	0.059	17.69	0.059
1.4	256QAM	6	0	17.64	0.058	17.73	0.059	17.54	0.057



ANT 1

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	16.21	0.042	16.22	0.042	16.14	0.041
10	QPSK	1	25	16.17	0.041	16.20	0.042	16.09	0.041
10	QPSK	1	49	16.09	0.041	16.16	0.041	15.91	0.039
10	QPSK	25	0	15.27	0.034	15.35	0.034	15.21	0.033
10	QPSK	25	12	15.34	0.034	15.31	0.034	15.26	0.034
10	QPSK	25	25	15.26	0.034	15.22	0.033	15.25	0.033
10	QPSK	50	0	15.15	0.033	15.17	0.033	15.14	0.033
10	16QAM	1	0	15.24	0.033	15.14	0.033	15.10	0.032
10	16QAM	1	25	15.23	0.033	15.41	0.035	15.27	0.034
10	16QAM	1	49	15.20	0.033	15.21	0.033	15.13	0.033
10	16QAM	25	0	14.19	0.026	14.10	0.026	14.07	0.026
10	16QAM	25	12	14.11	0.026	14.07	0.026	14.04	0.025
10	16QAM	25	25	14.19	0.026	14.15	0.026	14.10	0.026
10	16QAM	50	0	14.23	0.026	14.09	0.026	14.06	0.025
10	64QAM	1	0	14.25	0.027	14.32	0.027	14.21	0.026
10	64QAM	1	25	14.12	0.026	14.10	0.026	14.16	0.026
10	64QAM	1	49	14.27	0.027	14.07	0.026	14.23	0.026
10	64QAM	25	0	14.22	0.026	14.15	0.026	14.10	0.026
10	64QAM	25	12	14.30	0.027	14.10	0.026	14.15	0.026
10	64QAM	25	25	14.14	0.026	14.15	0.026	14.10	0.026
10	64QAM	50	0	14.15	0.026	14.12	0.026	14.14	0.026
10	256QAM	1	0	10.29	0.011	10.36	0.011	10.25	0.011
10	256QAM	1	25	10.16	0.010	10.14	0.010	10.20	0.010
10	256QAM	1	49	10.31	0.011	10.11	0.010	10.27	0.011
10	256QAM	25	0	10.26	0.011	10.19	0.010	10.14	0.010
10	256QAM	25	12	10.34	0.011	10.14	0.010	10.19	0.010
10	256QAM	25	25	10.18	0.010	10.19	0.010	10.14	0.010
10	256QAM	50	0	10.19	0.010	10.16	0.010	10.18	0.010



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.18	0.041	16.19	0.042	16.11	0.041
5	QPSK	1	12	16.14	0.041	16.14	0.041	16.07	0.040
5	QPSK	1	24	16.04	0.040	16.11	0.041	15.85	0.038
5	QPSK	12	0	15.26	0.034	15.32	0.034	15.08	0.032
5	QPSK	12	7	15.30	0.034	15.28	0.034	15.23	0.033
5	QPSK	12	13	15.16	0.033	15.18	0.033	15.15	0.033
5	QPSK	25	0	15.20	0.033	15.18	0.033	15.23	0.033
5	16QAM	1	0	15.34	0.034	15.25	0.033	15.20	0.033
5	16QAM	1	12	15.33	0.034	15.53	0.036	15.39	0.035
5	16QAM	1	24	15.32	0.034	15.29	0.034	15.25	0.033
5	16QAM	12	0	14.25	0.027	14.21	0.026	14.12	0.026
5	16QAM	12	7	14.19	0.026	14.18	0.026	14.10	0.026
5	16QAM	12	13	14.24	0.027	14.23	0.026	14.17	0.026
5	16QAM	25	0	14.33	0.027	14.14	0.026	14.11	0.026
5	64QAM	1	0	14.19	0.026	14.26	0.027	14.19	0.026
5	64QAM	1	12	14.02	0.025	14.09	0.026	14.11	0.026
5	64QAM	1	24	14.22	0.026	13.98	0.025	14.14	0.026
5	64QAM	12	0	14.15	0.026	14.11	0.026	14.04	0.025
5	64QAM	12	7	14.26	0.027	14.05	0.025	14.09	0.026
5	64QAM	12	13	14.06	0.025	14.06	0.025	14.00	0.025
5	64QAM	25	0	14.24	0.027	14.22	0.026	14.25	0.027
5	256QAM	1	0	10.25	0.011	10.28	0.011	10.24	0.011
5	256QAM	1	12	10.14	0.010	10.13	0.010	10.16	0.010
5	256QAM	1	24	10.23	0.011	10.09	0.010	10.23	0.011
5	256QAM	12	0	10.20	0.010	10.13	0.010	10.04	0.010
5	256QAM	12	7	10.25	0.011	10.08	0.010	10.10	0.010
5	256QAM	12	13	10.08	0.010	10.11	0.010	10.07	0.010
5	256QAM	25	0	10.15	0.010	10.15	0.010	10.11	0.010



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	16.09	0.041	16.17	0.041	16.13	0.041
3	QPSK	1	8	16.16	0.041	16.14	0.041	16.02	0.040
3	QPSK	1	14	16.00	0.040	16.09	0.041	15.83	0.038
3	QPSK	8	0	15.20	0.033	15.31	0.034	15.09	0.032
3	QPSK	8	4	15.30	0.034	15.28	0.034	15.21	0.033
3	QPSK	8	7	15.02	0.032	15.07	0.032	15.05	0.032
3	QPSK	15	0	15.07	0.032	15.06	0.032	15.10	0.032
3	16QAM	1	0	15.21	0.033	15.05	0.032	15.06	0.032
3	16QAM	1	8	15.21	0.033	15.39	0.035	15.20	0.033
3	16QAM	1	14	15.13	0.033	15.11	0.032	15.11	0.032
3	16QAM	8	0	14.16	0.026	14.04	0.025	14.00	0.025
3	16QAM	8	4	14.02	0.025	14.04	0.025	14.03	0.025
3	16QAM	8	7	14.13	0.026	14.05	0.025	14.02	0.025
3	16QAM	15	0	14.19	0.026	14.06	0.025	14.03	0.025
3	64QAM	1	0	14.17	0.026	14.23	0.026	14.18	0.026
3	64QAM	1	8	14.11	0.026	14.05	0.025	14.15	0.026
3	64QAM	1	14	14.23	0.026	14.04	0.025	14.20	0.026
3	64QAM	8	0	14.17	0.026	14.06	0.025	14.06	0.025
3	64QAM	8	4	14.26	0.027	14.09	0.026	14.11	0.026
3	64QAM	8	7	14.12	0.026	14.06	0.025	14.04	0.025
3	64QAM	15	0	14.05	0.025	14.11	0.026	14.05	0.025
3	256QAM	1	0	10.24	0.011	10.28	0.011	10.21	0.010
3	256QAM	1	8	10.12	0.010	10.07	0.010	10.17	0.010
3	256QAM	1	14	10.22	0.011	10.04	0.010	10.26	0.011
3	256QAM	8	0	10.39	0.011	10.25	0.011	10.18	0.010
3	256QAM	8	4	10.41	0.011	10.25	0.011	10.32	0.011
3	256QAM	8	7	10.26	0.011	10.27	0.011	10.23	0.011
3	256QAM	15	0	10.27	0.011	10.28	0.011	10.25	0.011



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	16.19	0.042	16.20	0.042	16.07	0.040
1.4	QPSK	1	3	16.12	0.041	16.12	0.041	16.01	0.040
1.4	QPSK	1	5	16.08	0.041	16.13	0.041	15.86	0.039
1.4	QPSK	3	0	16.08	0.041	16.19	0.042	15.93	0.039
1.4	QPSK	3	1	16.14	0.041	16.11	0.041	16.04	0.040
1.4	QPSK	3	3	16.03	0.040	16.07	0.040	16.10	0.041
1.4	QPSK	6	0	15.14	0.033	15.04	0.032	15.05	0.032
1.4	16QAM	1	0	15.21	0.033	15.09	0.032	15.02	0.032
1.4	16QAM	1	3	15.21	0.033	15.39	0.035	15.17	0.033
1.4	16QAM	1	5	15.19	0.033	15.16	0.033	15.08	0.032
1.4	16QAM	3	0	15.24	0.033	15.17	0.033	15.19	0.033
1.4	16QAM	3	1	15.23	0.033	15.18	0.033	15.12	0.033
1.4	16QAM	3	3	15.24	0.033	15.24	0.033	15.22	0.033
1.4	16QAM	6	0	14.35	0.027	14.21	0.026	14.18	0.026
1.4	64QAM	1	0	14.38	0.027	14.40	0.028	14.26	0.027
1.4	64QAM	1	3	14.19	0.026	14.16	0.026	14.21	0.026
1.4	64QAM	1	5	14.35	0.027	14.11	0.026	14.35	0.027
1.4	64QAM	3	0	14.29	0.027	14.28	0.027	14.21	0.026
1.4	64QAM	3	1	14.36	0.027	14.17	0.026	14.20	0.026
1.4	64QAM	3	3	14.19	0.026	14.19	0.026	14.16	0.026
1.4	64QAM	6	0	14.27	0.027	14.24	0.027	14.24	0.027
1.4	256QAM	1	0	10.35	0.011	10.49	0.011	10.37	0.011
1.4	256QAM	1	3	10.25	0.011	10.23	0.011	10.24	0.011
1.4	256QAM	1	5	10.39	0.011	10.15	0.010	10.36	0.011
1.4	256QAM	3	0	10.31	0.011	10.24	0.011	10.24	0.011
1.4	256QAM	3	1	10.47	0.011	10.27	0.011	10.28	0.011
1.4	256QAM	3	3	10.28	0.011	10.25	0.011	10.19	0.010
1.4	256QAM	6	0	10.23	0.011	10.20	0.010	10.22	0.011



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	14.48	0.028	14.53	0.028	14.41	0.028
10	QPSK	1	25	14.41	0.028	14.44	0.028	14.45	0.028
10	QPSK	1	49	14.31	0.027	14.46	0.028	14.48	0.028
10	QPSK	25	0	13.47	0.022	13.52	0.022	13.51	0.022
10	QPSK	25	12	13.49	0.022	13.40	0.022	13.47	0.022
10	QPSK	25	25	13.49	0.022	13.44	0.022	13.41	0.022
10	QPSK	50	0	13.43	0.022	13.42	0.022	13.48	0.022
10	16QAM	1	0	13.67	0.023	13.64	0.023	13.51	0.022
10	16QAM	1	25	13.42	0.022	13.49	0.022	13.49	0.022
10	16QAM	1	49	13.47	0.022	13.42	0.022	13.53	0.023
10	16QAM	25	0	12.45	0.018	12.47	0.018	12.58	0.018
10	16QAM	25	12	12.43	0.017	12.48	0.018	12.45	0.018
10	16QAM	25	25	12.55	0.018	12.52	0.018	12.54	0.018
10	16QAM	50	0	12.59	0.018	12.53	0.018	12.50	0.018
10	64QAM	1	0	12.59	0.018	12.54	0.018	12.44	0.018
10	64QAM	1	25	12.65	0.018	12.60	0.018	12.58	0.018
10	64QAM	1	49	12.71	0.019	12.73	0.019	12.67	0.018
10	64QAM	25	0	12.43	0.017	12.63	0.018	12.47	0.018
10	64QAM	25	12	12.50	0.018	12.56	0.018	12.58	0.018
10	64QAM	25	25	12.45	0.018	12.52	0.018	12.46	0.018
10	64QAM	50	0	12.49	0.018	12.47	0.018	12.50	0.018
10	256QAM	1	0	8.43	0.007	8.38	0.007	8.28	0.007
10	256QAM	1	25	8.49	0.007	8.44	0.007	8.42	0.007
10	256QAM	1	49	8.55	0.007	8.57	0.007	8.51	0.007
10	256QAM	25	0	8.27	0.007	8.47	0.007	8.31	0.007
10	256QAM	25	12	8.34	0.007	8.40	0.007	8.42	0.007
10	256QAM	25	25	8.29	0.007	8.36	0.007	8.30	0.007
10	256QAM	50	0	8.33	0.007	8.31	0.007	8.34	0.007



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	14.28	0.027	14.43	0.028	14.31	0.027
5	QPSK	1	12	14.36	0.027	14.43	0.028	14.36	0.027
5	QPSK	1	24	14.30	0.027	14.41	0.028	14.42	0.028
5	QPSK	12	0	13.44	0.022	13.45	0.022	13.47	0.022
5	QPSK	12	7	13.40	0.022	13.35	0.022	13.44	0.022
5	QPSK	12	13	13.41	0.022	13.36	0.022	13.40	0.022
5	QPSK	25	0	13.42	0.022	13.39	0.022	13.44	0.022
5	16QAM	1	0	13.63	0.023	13.59	0.023	13.41	0.022
5	16QAM	1	12	13.32	0.021	13.47	0.022	13.47	0.022
5	16QAM	1	24	13.42	0.022	13.41	0.022	13.46	0.022
5	16QAM	12	0	12.36	0.017	12.45	0.018	12.50	0.018
5	16QAM	12	7	12.42	0.017	12.40	0.017	12.37	0.017
5	16QAM	12	13	12.47	0.018	12.44	0.018	12.48	0.018
5	16QAM	25	0	12.57	0.018	12.43	0.017	12.48	0.018
5	64QAM	1	0	12.57	0.018	12.46	0.018	12.40	0.017
5	64QAM	1	12	12.57	0.018	12.53	0.018	12.56	0.018
5	64QAM	1	24	12.67	0.018	12.69	0.019	12.57	0.018
5	64QAM	12	0	12.39	0.017	12.58	0.018	12.44	0.018
5	64QAM	12	7	12.43	0.017	12.53	0.018	12.51	0.018
5	64QAM	12	13	12.41	0.017	12.47	0.018	12.37	0.017
5	64QAM	25	0	12.48	0.018	12.44	0.018	12.49	0.018
5	256QAM	1	0	8.38	0.007	8.29	0.007	8.24	0.007
5	256QAM	1	12	8.46	0.007	8.35	0.007	8.39	0.007
5	256QAM	1	24	8.49	0.007	8.50	0.007	8.48	0.007
5	256QAM	12	0	8.24	0.007	8.41	0.007	8.25	0.007
5	256QAM	12	7	8.29	0.007	8.38	0.007	8.32	0.007
5	256QAM	12	13	8.25	0.007	8.28	0.007	8.23	0.007
5	256QAM	25	0	8.27	0.007	8.24	0.007	8.27	0.007



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	14.33	0.027	14.51	0.028	14.39	0.027
3	QPSK	1	8	14.39	0.027	14.39	0.027	14.44	0.028
3	QPSK	1	14	14.29	0.027	14.45	0.028	14.38	0.027
3	QPSK	8	0	13.46	0.022	13.46	0.022	13.46	0.022
3	QPSK	8	4	13.44	0.022	13.30	0.021	13.43	0.022
3	QPSK	8	7	13.40	0.022	13.39	0.022	13.34	0.022
3	QPSK	15	0	13.37	0.022	13.39	0.022	13.43	0.022
3	16QAM	1	0	13.60	0.023	13.59	0.023	13.41	0.022
3	16QAM	1	8	13.37	0.022	13.42	0.022	13.47	0.022
3	16QAM	1	14	13.37	0.022	13.37	0.022	13.51	0.022
3	16QAM	8	0	12.43	0.017	12.41	0.017	12.56	0.018
3	16QAM	8	4	12.34	0.017	12.38	0.017	12.37	0.017
3	16QAM	8	7	12.52	0.018	12.48	0.018	12.49	0.018
3	16QAM	15	0	12.58	0.018	12.48	0.018	12.40	0.017
3	64QAM	1	0	12.55	0.018	12.49	0.018	12.40	0.017
3	64QAM	1	8	12.62	0.018	12.59	0.018	12.50	0.018
3	64QAM	1	14	12.64	0.018	12.66	0.018	12.60	0.018
3	64QAM	8	0	12.41	0.017	12.62	0.018	12.37	0.017
3	64QAM	8	4	12.41	0.017	12.48	0.018	12.54	0.018
3	64QAM	8	7	12.44	0.018	12.45	0.018	12.40	0.017
3	64QAM	15	0	12.43	0.017	12.41	0.017	12.42	0.017
3	256QAM	1	0	8.39	0.007	8.33	0.007	8.22	0.007
3	256QAM	1	8	8.42	0.007	8.36	0.007	8.41	0.007
3	256QAM	1	14	8.50	0.007	8.50	0.007	8.48	0.007
3	256QAM	8	0	8.19	0.007	8.43	0.007	8.25	0.007
3	256QAM	8	4	8.25	0.007	8.35	0.007	8.40	0.007
3	256QAM	8	7	8.26	0.007	8.30	0.007	8.25	0.007
3	256QAM	15	0	8.24	0.007	8.28	0.007	8.29	0.007



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	14.32	0.027	14.52	0.028	14.33	0.027
1.4	QPSK	1	3	14.39	0.027	14.38	0.027	14.42	0.028
1.4	QPSK	1	5	14.30	0.027	14.36	0.027	14.41	0.028
1.4	QPSK	3	0	14.43	0.028	14.47	0.028	14.47	0.028
1.4	QPSK	3	1	14.48	0.028	14.36	0.027	14.45	0.028
1.4	QPSK	3	3	14.40	0.028	14.36	0.027	14.34	0.027
1.4	QPSK	6	0	13.38	0.022	13.38	0.022	13.40	0.022
1.4	16QAM	1	0	13.62	0.023	13.57	0.023	13.49	0.022
1.4	16QAM	1	3	13.35	0.022	13.40	0.022	13.42	0.022
1.4	16QAM	1	5	13.46	0.022	13.32	0.021	13.50	0.022
1.4	16QAM	3	0	13.36	0.022	13.46	0.022	13.50	0.022
1.4	16QAM	3	1	13.37	0.022	13.39	0.022	13.36	0.022
1.4	16QAM	3	3	13.52	0.022	13.47	0.022	13.50	0.022
1.4	16QAM	6	0	12.53	0.018	12.44	0.018	12.46	0.018
1.4	64QAM	1	0	12.57	0.018	12.46	0.018	12.36	0.017
1.4	64QAM	1	3	12.57	0.018	12.52	0.018	12.54	0.018
1.4	64QAM	1	5	12.70	0.019	12.68	0.019	12.61	0.018
1.4	64QAM	3	0	12.41	0.017	12.56	0.018	12.46	0.018
1.4	64QAM	3	1	12.41	0.017	12.49	0.018	12.57	0.018
1.4	64QAM	3	3	12.40	0.017	12.48	0.018	12.36	0.017
1.4	64QAM	6	0	12.47	0.018	12.37	0.017	12.49	0.018
1.4	256QAM	1	0	8.35	0.007	8.32	0.007	8.23	0.007
1.4	256QAM	1	3	8.45	0.007	8.37	0.007	8.38	0.007
1.4	256QAM	1	5	8.51	0.007	8.49	0.007	8.43	0.007
1.4	256QAM	3	0	8.22	0.007	8.43	0.007	8.24	0.007
1.4	256QAM	3	1	8.30	0.007	8.36	0.007	8.39	0.007
1.4	256QAM	3	3	8.20	0.007	8.34	0.007	8.27	0.007
1.4	256QAM	6	0	8.28	0.007	8.24	0.007	8.33	0.007



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	/	/	15.52	0.036	/	/
10	QPSK	1	25	/	/	15.49	0.035	/	/
10	QPSK	1	49	/	/	15.39	0.035	/	/
10	QPSK	25	0	/	/	14.57	0.029	/	/
10	QPSK	25	12	/	/	14.49	0.028	/	/
10	QPSK	25	25	/	/	14.50	0.028	/	/
10	QPSK	50	0	/	/	14.51	0.028	/	/
10	16QAM	1	0	/	/	14.66	0.029	/	/
10	16QAM	1	25	/	/	14.63	0.029	/	/
10	16QAM	1	49	/	/	14.74	0.030	/	/
10	16QAM	25	0	/	/	13.60	0.023	/	/
10	16QAM	25	12	/	/	13.60	0.023	/	/
10	16QAM	25	25	/	/	13.52	0.022	/	/
10	16QAM	50	0	/	/	13.56	0.023	/	/
10	64QAM	1	0	/	/	13.68	0.023	/	/
10	64QAM	1	25	/	/	13.77	0.024	/	/
10	64QAM	1	49	/	/	13.71	0.023	/	/
10	64QAM	25	0	/	/	13.58	0.023	/	/
10	64QAM	25	12	/	/	13.55	0.023	/	/
10	64QAM	25	25	/	/	13.59	0.023	/	/
10	64QAM	50	0	/	/	13.50	0.022	/	/
10	256QAM	1	0	/	/	9.57	0.009	/	/
10	256QAM	1	25	/	/	9.66	0.009	/	/
10	256QAM	1	49	/	/	9.60	0.009	/	/
10	256QAM	25	0	/	/	9.47	0.009	/	/
10	256QAM	25	12	/	/	9.44	0.009	/	/
10	256QAM	25	25	/	/	9.48	0.009	/	/
10	256QAM	50	0	/	/	9.39	0.009	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.50	0.035	15.51	0.036	15.48	0.035
5	QPSK	1	12	15.45	0.035	15.41	0.035	15.47	0.035
5	QPSK	1	24	15.32	0.034	15.29	0.034	15.38	0.035
5	QPSK	12	0	14.55	0.029	14.51	0.028	14.52	0.028
5	QPSK	12	7	14.50	0.028	14.47	0.028	14.50	0.028
5	QPSK	12	13	14.49	0.028	14.47	0.028	14.41	0.028
5	QPSK	25	0	14.41	0.028	14.47	0.028	14.41	0.028
5	16QAM	1	0	14.64	0.029	14.65	0.029	14.64	0.029
5	16QAM	1	12	14.55	0.029	14.61	0.029	14.55	0.029
5	16QAM	1	24	14.68	0.029	14.65	0.029	14.66	0.029
5	16QAM	12	0	13.55	0.023	13.56	0.023	13.58	0.023
5	16QAM	12	7	13.51	0.022	13.52	0.022	13.54	0.023
5	16QAM	12	13	13.44	0.022	13.47	0.022	13.50	0.022
5	16QAM	25	0	13.53	0.023	13.46	0.022	13.53	0.023
5	64QAM	1	0	13.66	0.023	13.60	0.023	13.66	0.023
5	64QAM	1	12	13.68	0.023	13.73	0.024	13.75	0.024
5	64QAM	1	24	13.61	0.023	13.64	0.023	13.61	0.023
5	64QAM	12	0	13.57	0.023	13.57	0.023	13.48	0.022
5	64QAM	12	7	13.50	0.022	13.45	0.022	13.52	0.022
5	64QAM	12	13	13.57	0.023	13.55	0.023	13.52	0.022
5	64QAM	25	0	13.44	0.022	13.47	0.022	13.46	0.022
5	256QAM	1	0	9.47	0.009	9.49	0.009	9.55	0.009
5	256QAM	1	12	9.61	0.009	9.59	0.009	9.60	0.009
5	256QAM	1	24	9.53	0.009	9.50	0.009	9.50	0.009
5	256QAM	12	0	9.39	0.009	9.41	0.009	9.37	0.009
5	256QAM	12	7	9.38	0.009	9.42	0.009	9.40	0.009
5	256QAM	12	13	9.44	0.009	9.46	0.009	9.44	0.009
5	256QAM	25	0	9.35	0.009	9.38	0.009	9.35	0.009



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	14.46	0.028	14.48	0.028	14.33	0.027
10	QPSK	1	25	14.45	0.028	14.47	0.028	14.43	0.028
10	QPSK	1	49	14.36	0.027	14.44	0.028	14.46	0.028
10	QPSK	25	0	13.56	0.023	13.57	0.023	13.55	0.023
10	QPSK	25	12	13.53	0.023	13.52	0.022	13.52	0.022
10	QPSK	25	25	13.54	0.023	13.48	0.022	13.49	0.022
10	QPSK	50	0	13.55	0.023	13.53	0.023	13.53	0.023
10	16QAM	1	0	13.67	0.023	13.83	0.024	13.50	0.022
10	16QAM	1	25	13.49	0.022	13.55	0.023	13.60	0.023
10	16QAM	1	49	13.63	0.023	13.69	0.023	13.71	0.023
10	16QAM	25	0	12.56	0.018	12.60	0.018	12.48	0.018
10	16QAM	25	12	12.62	0.018	12.64	0.018	12.63	0.018
10	16QAM	25	25	12.64	0.018	12.58	0.018	12.57	0.018
10	16QAM	50	0	12.49	0.018	12.53	0.018	12.54	0.018
10	64QAM	1	0	12.54	0.018	12.73	0.019	12.62	0.018
10	64QAM	1	25	12.77	0.019	12.81	0.019	12.68	0.019
10	64QAM	1	49	12.62	0.018	12.61	0.018	12.59	0.018
10	64QAM	25	0	12.50	0.018	12.62	0.018	12.51	0.018
10	64QAM	25	12	12.49	0.018	12.56	0.018	12.53	0.018
10	64QAM	25	25	12.57	0.018	12.60	0.018	12.56	0.018
10	64QAM	50	0	12.53	0.018	12.49	0.018	12.54	0.018
10	256QAM	1	0	8.55	0.007	8.74	0.007	8.63	0.007
10	256QAM	1	25	8.78	0.008	8.82	0.008	8.69	0.007
10	256QAM	1	49	8.63	0.007	8.62	0.007	8.60	0.007
10	256QAM	25	0	8.51	0.007	8.63	0.007	8.52	0.007
10	256QAM	25	12	8.50	0.007	8.57	0.007	8.54	0.007
10	256QAM	25	25	8.58	0.007	8.61	0.007	8.57	0.007
10	256QAM	50	0	8.54	0.007	8.50	0.007	8.55	0.007



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	14.45	0.028	14.46	0.028	14.32	0.027
5	QPSK	1	12	14.38	0.027	14.41	0.028	14.42	0.028
5	QPSK	1	24	14.33	0.027	14.37	0.027	14.40	0.028
5	QPSK	12	0	13.49	0.022	13.52	0.022	13.52	0.022
5	QPSK	12	7	13.44	0.022	13.42	0.022	13.44	0.022
5	QPSK	12	13	13.44	0.022	13.41	0.022	13.47	0.022
5	QPSK	25	0	13.50	0.022	13.46	0.022	13.48	0.022
5	16QAM	1	0	13.64	0.023	13.73	0.024	13.43	0.022
5	16QAM	1	12	13.48	0.022	13.48	0.022	13.50	0.022
5	16QAM	1	24	13.54	0.023	13.62	0.023	13.61	0.023
5	16QAM	12	0	12.53	0.018	12.56	0.018	12.41	0.017
5	16QAM	12	7	12.54	0.018	12.55	0.018	12.59	0.018
5	16QAM	12	13	12.63	0.018	12.54	0.018	12.49	0.018
5	16QAM	25	0	12.45	0.018	12.52	0.018	12.45	0.018
5	64QAM	1	0	12.51	0.018	12.72	0.019	12.58	0.018
5	64QAM	1	12	12.76	0.019	12.76	0.019	12.60	0.018
5	64QAM	1	24	12.54	0.018	12.60	0.018	12.55	0.018
5	64QAM	12	0	12.40	0.017	12.55	0.018	12.41	0.017
5	64QAM	12	7	12.40	0.017	12.51	0.018	12.50	0.018
5	64QAM	12	13	12.54	0.018	12.56	0.018	12.47	0.018
5	64QAM	25	0	12.44	0.018	12.48	0.018	12.52	0.018
5	256QAM	1	0	8.47	0.007	8.72	0.007	8.56	0.007
5	256QAM	1	12	8.74	0.007	8.72	0.007	8.66	0.007
5	256QAM	1	24	8.58	0.007	8.52	0.007	8.50	0.007
5	256QAM	12	0	8.47	0.007	8.59	0.007	8.48	0.007
5	256QAM	12	7	8.46	0.007	8.47	0.007	8.49	0.007
5	256QAM	12	13	8.57	0.007	8.54	0.007	8.49	0.007
5	256QAM	25	0	8.47	0.007	8.42	0.007	8.45	0.007



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	14.10	0.026	13.43	0.022	13.48	0.022
5	QPSK	1	12	13.79	0.024	13.66	0.023	14.03	0.025
5	QPSK	1	24	13.74	0.024	13.69	0.023	13.69	0.023
5	QPSK	12	0	13.43	0.022	13.46	0.022	13.42	0.022
5	QPSK	12	7	13.55	0.023	13.46	0.022	13.47	0.022
5	QPSK	12	13	13.46	0.022	13.48	0.022	13.45	0.022
5	QPSK	25	0	13.42	0.022	13.86	0.024	13.42	0.022
5	16QAM	1	0	13.89	0.024	14.28	0.027	13.95	0.025
5	16QAM	1	12	13.79	0.024	13.57	0.023	13.52	0.022
5	16QAM	1	24	13.56	0.023	13.61	0.023	13.65	0.023
5	16QAM	12	0	12.80	0.019	12.43	0.017	12.66	0.018
5	16QAM	12	7	12.64	0.018	12.59	0.018	12.67	0.018
5	16QAM	12	13	12.51	0.018	12.65	0.018	12.59	0.018
5	16QAM	25	0	12.46	0.018	12.51	0.018	12.53	0.018
5	64QAM	1	0	13.52	0.022	14.22	0.026	13.20	0.021
5	64QAM	1	12	13.62	0.023	13.38	0.022	13.35	0.022
5	64QAM	1	24	13.42	0.022	13.52	0.022	13.44	0.022
5	64QAM	12	0	12.52	0.018	12.41	0.017	12.51	0.018
5	64QAM	12	7	12.65	0.018	13.17	0.021	12.63	0.018
5	64QAM	12	13	12.72	0.019	12.94	0.020	12.82	0.019
5	64QAM	25	0	12.51	0.018	12.79	0.019	12.62	0.018
5	256QAM	1	0	9.20	0.008	9.16	0.008	9.13	0.008
5	256QAM	1	12	9.38	0.009	9.25	0.008	9.16	0.008
5	256QAM	1	24	9.21	0.008	9.13	0.008	9.12	0.008
5	256QAM	12	0	9.20	0.008	9.21	0.008	9.18	0.008
5	256QAM	12	7	9.27	0.008	9.21	0.008	9.17	0.008
5	256QAM	12	13	9.33	0.009	9.27	0.008	9.15	0.008
5	256QAM	25	0	9.27	0.008	9.19	0.008	9.18	0.008



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	/	/	15.93	0.039	/	/
15	QPSK	1	37	/	/	15.90	0.039	/	/
15	QPSK	1	74	/	/	15.88	0.039	/	/
15	QPSK	36	0	/	/	14.97	0.031	/	/
15	QPSK	36	20	/	/	14.92	0.031	/	/
15	QPSK	36	39	/	/	14.88	0.031	/	/
15	QPSK	75	0	/	/	14.95	0.031	/	/
15	16QAM	1	0	/	/	14.70	0.030	/	/
15	16QAM	1	37	/	/	15.07	0.032	/	/
15	16QAM	1	74	/	/	15.02	0.032	/	/
15	16QAM	36	0	/	/	13.96	0.025	/	/
15	16QAM	36	20	/	/	14.03	0.025	/	/
15	16QAM	36	39	/	/	13.98	0.025	/	/
15	16QAM	75	0	/	/	13.94	0.025	/	/
15	64QAM	1	0	/	/	13.91	0.025	/	/
15	64QAM	1	37	/	/	13.89	0.024	/	/
15	64QAM	1	74	/	/	14.05	0.025	/	/
15	64QAM	36	0	/	/	13.93	0.025	/	/
15	64QAM	36	20	/	/	14.01	0.025	/	/
15	64QAM	36	39	/	/	14.00	0.025	/	/
15	64QAM	75	0	/	/	13.95	0.025	/	/
15	256QAM	1	0	/	/	10.01	0.010	/	/
15	256QAM	1	37	/	/	9.99	0.010	/	/
15	256QAM	1	74	/	/	10.15	0.010	/	/
15	256QAM	36	0	/	/	10.03	0.010	/	/
15	256QAM	36	20	/	/	10.11	0.010	/	/
15	256QAM	36	39	/	/	10.10	0.010	/	/
15	256QAM	75	0	/	/	10.05	0.010	/	/



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	15.78	0.038	15.90	0.039	15.71	0.037
10	QPSK	1	25	15.72	0.037	15.79	0.038	15.75	0.038
10	QPSK	1	49	15.85	0.038	15.81	0.038	15.86	0.039
10	QPSK	25	0	14.84	0.030	14.74	0.030	14.94	0.031
10	QPSK	25	12	14.87	0.031	14.88	0.031	14.85	0.031
10	QPSK	25	25	14.89	0.031	14.94	0.031	14.88	0.031
10	QPSK	50	0	14.73	0.030	14.86	0.031	14.86	0.031
10	16QAM	1	0	14.86	0.031	14.65	0.029	14.88	0.031
10	16QAM	1	25	14.93	0.031	15.06	0.032	14.85	0.031
10	16QAM	1	49	14.98	0.031	14.93	0.031	14.82	0.030
10	16QAM	25	0	13.96	0.025	13.92	0.025	13.99	0.025
10	16QAM	25	12	13.84	0.024	13.97	0.025	14.00	0.025
10	16QAM	25	25	13.92	0.025	13.97	0.025	13.95	0.025
10	16QAM	50	0	13.81	0.024	13.84	0.024	13.85	0.024
10	64QAM	1	0	13.88	0.024	13.82	0.024	14.01	0.025
10	64QAM	1	12	13.85	0.024	13.80	0.024	13.87	0.024
10	64QAM	1	24	13.94	0.025	13.97	0.025	13.73	0.024
10	64QAM	12	0	13.85	0.024	13.82	0.024	13.86	0.024
10	64QAM	12	7	13.96	0.025	13.94	0.025	13.96	0.025
10	64QAM	12	13	13.91	0.025	13.93	0.025	13.95	0.025
10	64QAM	25	0	13.81	0.024	13.86	0.024	13.92	0.025
10	256QAM	1	0	9.98	0.010	9.95	0.010	10.09	0.010
10	256QAM	1	12	9.91	0.010	9.93	0.010	9.99	0.010
10	256QAM	1	24	10.07	0.010	10.13	0.010	9.90	0.010
10	256QAM	12	0	10.02	0.010	9.94	0.010	9.99	0.010
10	256QAM	12	7	10.00	0.010	10.07	0.010	10.03	0.010
10	256QAM	12	13	10.01	0.010	10.01	0.010	10.10	0.010
10	256QAM	25	0	9.90	0.010	10.02	0.010	10.01	0.010



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	15.81	0.038	15.89	0.039	15.87	0.039
5	QPSK	1	12	15.76	0.038	15.85	0.038	15.83	0.038
5	QPSK	1	24	15.69	0.037	15.65	0.037	15.75	0.038
5	QPSK	12	0	15.85	0.038	15.85	0.038	15.82	0.038
5	QPSK	12	7	15.86	0.039	15.74	0.037	15.96	0.039
5	QPSK	12	13	15.77	0.038	15.85	0.038	15.80	0.038
5	QPSK	25	0	14.73	0.030	14.79	0.030	14.85	0.031
5	16QAM	1	0	15.00	0.032	15.00	0.032	14.95	0.031
5	16QAM	1	12	14.74	0.030	14.87	0.031	14.72	0.030
5	16QAM	1	24	14.79	0.030	14.90	0.031	14.79	0.030
5	16QAM	12	0	14.72	0.030	14.94	0.031	14.85	0.031
5	16QAM	12	7	14.81	0.030	14.81	0.030	14.84	0.030
5	16QAM	12	13	14.92	0.031	14.92	0.031	14.91	0.031
5	16QAM	25	0	13.81	0.024	13.82	0.024	13.80	0.024
5	64QAM	1	0	13.97	0.025	13.90	0.025	13.76	0.024
5	64QAM	1	12	13.95	0.025	13.82	0.024	13.82	0.024
5	64QAM	1	24	14.05	0.025	13.98	0.025	14.01	0.025
5	64QAM	12	0	13.86	0.024	13.87	0.024	13.88	0.024
5	64QAM	12	7	13.84	0.024	13.76	0.024	13.82	0.024
5	64QAM	12	13	13.83	0.024	13.82	0.024	13.89	0.024
5	64QAM	25	0	13.75	0.024	13.84	0.024	13.85	0.024
5	256QAM	1	0	10.07	0.010	9.96	0.010	9.82	0.010
5	256QAM	1	12	10.07	0.010	9.97	0.010	9.87	0.010
5	256QAM	1	24	10.13	0.010	10.05	0.010	10.06	0.010
5	256QAM	12	0	9.94	0.010	9.99	0.010	10.05	0.010
5	256QAM	12	7	9.91	0.010	9.89	0.010	9.92	0.010
5	256QAM	12	13	9.95	0.010	9.96	0.010	9.93	0.010
5	256QAM	25	0	9.83	0.010	9.95	0.010	9.92	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	15.01	0.032	15.20	0.033	15.01	0.032
15	QPSK	1	37	15.42	0.035	15.05	0.032	14.87	0.031
15	QPSK	1	74	15.01	0.032	15.04	0.032	14.99	0.032
15	QPSK	36	0	14.25	0.027	13.93	0.025	14.39	0.027
15	QPSK	36	20	14.40	0.028	14.21	0.026	14.25	0.027
15	QPSK	36	39	14.36	0.027	14.24	0.027	14.36	0.027
15	QPSK	75	0	14.39	0.027	14.36	0.027	13.98	0.025
15	16QAM	1	0	14.36	0.027	14.38	0.027	14.16	0.026
15	16QAM	1	37	14.43	0.028	14.82	0.030	14.21	0.026
15	16QAM	1	74	14.39	0.027	14.16	0.026	14.28	0.027
15	16QAM	36	0	13.18	0.021	13.06	0.020	13.35	0.022
15	16QAM	36	20	13.19	0.021	13.34	0.022	13.10	0.020
15	16QAM	36	39	13.42	0.022	13.14	0.021	13.15	0.021
15	16QAM	75	0	13.54	0.023	13.24	0.021	13.21	0.021
15	64QAM	1	0	13.53	0.023	14.06	0.025	13.37	0.022
15	64QAM	1	37	13.20	0.021	13.34	0.022	13.48	0.022
15	64QAM	1	74	13.18	0.021	13.41	0.022	13.38	0.022
15	64QAM	36	0	12.35	0.017	12.19	0.017	11.96	0.016
15	64QAM	36	20	12.13	0.016	12.40	0.017	12.27	0.017
15	64QAM	36	39	12.26	0.017	12.40	0.017	12.35	0.017
15	64QAM	75	0	12.27	0.017	12.24	0.017	12.29	0.017
15	256QAM	1	0	10.31	0.011	10.18	0.010	10.06	0.010
15	256QAM	1	37	10.28	0.011	10.28	0.011	10.19	0.010
15	256QAM	1	74	10.25	0.011	10.16	0.010	10.19	0.010
15	256QAM	36	0	10.23	0.011	10.21	0.010	10.21	0.010
15	256QAM	36	20	10.20	0.010	10.18	0.010	10.20	0.010
15	256QAM	36	39	10.23	0.011	10.23	0.011	10.20	0.010
15	256QAM	75	0	10.26	0.011	10.23	0.011	10.30	0.011



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	15.14	0.033	15.05	0.032	15.05	0.032
10	QPSK	1	25	15.12	0.033	15.15	0.033	15.18	0.033
10	QPSK	1	49	15.18	0.033	15.09	0.032	14.97	0.031
10	QPSK	25	0	14.37	0.027	14.30	0.027	14.24	0.027
10	QPSK	25	12	14.47	0.028	14.05	0.025	14.24	0.027
10	QPSK	25	25	14.56	0.029	14.31	0.027	14.24	0.027
10	QPSK	50	0	14.36	0.027	14.41	0.028	14.50	0.028
10	16QAM	1	0	14.68	0.029	14.42	0.028	14.44	0.028
10	16QAM	1	25	14.45	0.028	14.53	0.028	14.24	0.027
10	16QAM	1	49	14.74	0.030	14.29	0.027	14.43	0.028
10	16QAM	25	0	13.39	0.022	13.21	0.021	13.35	0.022
10	16QAM	25	12	13.52	0.022	13.54	0.023	13.42	0.022
10	16QAM	25	25	13.29	0.021	13.34	0.022	13.14	0.021
10	16QAM	50	0	13.58	0.023	13.34	0.022	13.36	0.022
10	64QAM	1	0	13.92	0.025	13.55	0.023	13.19	0.021
10	64QAM	1	25	13.63	0.023	13.58	0.023	13.25	0.021
10	64QAM	1	49	13.42	0.022	13.65	0.023	13.31	0.021
10	64QAM	25	0	12.56	0.018	12.38	0.017	12.24	0.017
10	64QAM	25	12	12.61	0.018	12.39	0.017	12.43	0.017
10	64QAM	25	25	12.37	0.017	12.54	0.018	12.31	0.017
10	64QAM	50	0	12.20	0.017	12.42	0.017	12.39	0.017
10	256QAM	1	0	10.18	0.010	10.18	0.010	10.21	0.010
10	256QAM	1	25	10.35	0.011	10.38	0.011	10.31	0.011
10	256QAM	1	49	10.30	0.011	10.17	0.010	10.08	0.010
10	256QAM	25	0	10.28	0.011	10.23	0.011	10.20	0.010
10	256QAM	25	12	10.40	0.011	10.23	0.011	10.20	0.010
10	256QAM	25	25	10.28	0.011	10.27	0.011	10.25	0.011
10	256QAM	50	0	10.30	0.011	10.22	0.011	10.18	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.00	0.032	14.95	0.031	14.93	0.031
5	QPSK	1	12	15.05	0.032	15.12	0.033	14.93	0.031
5	QPSK	1	24	15.03	0.032	15.13	0.033	14.89	0.031
5	QPSK	12	0	14.41	0.028	14.19	0.026	14.20	0.026
5	QPSK	12	7	14.29	0.027	14.26	0.027	14.25	0.027
5	QPSK	12	13	14.31	0.027	14.30	0.027	14.26	0.027
5	QPSK	25	0	14.40	0.028	14.24	0.027	14.06	0.025
5	16QAM	1	0	14.68	0.029	14.70	0.030	14.31	0.027
5	16QAM	1	12	14.87	0.031	14.67	0.029	14.36	0.027
5	16QAM	1	24	14.50	0.028	14.51	0.028	14.50	0.028
5	16QAM	12	0	13.37	0.022	13.47	0.022	13.22	0.021
5	16QAM	12	7	13.17	0.021	13.40	0.022	13.30	0.021
5	16QAM	12	13	13.67	0.023	13.46	0.022	13.25	0.021
5	16QAM	25	0	13.49	0.022	13.11	0.020	13.12	0.021
5	64QAM	1	0	13.54	0.023	13.96	0.025	13.50	0.022
5	64QAM	1	12	13.21	0.021	13.60	0.023	13.42	0.022
5	64QAM	1	24	13.47	0.022	13.57	0.023	13.24	0.021
5	64QAM	12	0	12.35	0.017	12.21	0.017	12.16	0.016
5	64QAM	12	7	12.28	0.017	12.35	0.017	12.27	0.017
5	64QAM	12	13	12.49	0.018	12.53	0.018	12.30	0.017
5	64QAM	25	0	12.19	0.017	12.25	0.017	12.35	0.017
5	256QAM	1	0	10.13	0.010	10.09	0.010	10.06	0.010
5	256QAM	1	12	10.31	0.011	10.18	0.010	10.09	0.010
5	256QAM	1	24	10.14	0.010	10.06	0.010	10.05	0.010
5	256QAM	12	0	10.13	0.010	10.14	0.010	10.11	0.010
5	256QAM	12	7	10.20	0.010	10.14	0.010	10.10	0.010
5	256QAM	12	13	10.26	0.011	10.20	0.010	10.08	0.010
5	256QAM	25	0	10.20	0.010	10.12	0.010	10.11	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	15.02	0.032	15.17	0.033	14.93	0.031
3	QPSK	1	8	15.33	0.034	14.98	0.031	14.90	0.031
3	QPSK	1	14	14.88	0.031	15.02	0.032	14.72	0.030
3	QPSK	8	0	14.27	0.027	13.94	0.025	14.13	0.026
3	QPSK	8	4	14.51	0.028	14.34	0.027	14.12	0.026
3	QPSK	8	7	14.27	0.027	14.28	0.027	14.21	0.026
3	QPSK	15	0	14.39	0.027	14.11	0.026	14.06	0.025
3	16QAM	1	0	15.07	0.032	14.90	0.031	14.42	0.028
3	16QAM	1	8	14.35	0.027	14.52	0.028	14.38	0.027
3	16QAM	1	14	14.43	0.028	14.29	0.027	14.29	0.027
3	16QAM	8	0	13.21	0.021	13.15	0.021	13.22	0.021
3	16QAM	8	4	13.26	0.021	12.93	0.020	13.18	0.021
3	16QAM	8	7	13.48	0.022	13.21	0.021	13.27	0.021
3	16QAM	15	0	13.36	0.022	13.15	0.021	13.18	0.021
3	64QAM	1	0	13.93	0.025	13.11	0.020	13.26	0.021
3	64QAM	1	8	13.27	0.021	13.43	0.022	13.48	0.022
3	64QAM	1	14	13.46	0.022	13.14	0.021	13.60	0.023
3	64QAM	8	0	12.35	0.017	12.18	0.017	12.10	0.016
3	64QAM	8	4	12.69	0.019	12.37	0.017	12.20	0.017
3	64QAM	8	7	12.37	0.017	12.28	0.017	12.36	0.017
3	64QAM	15	0	12.16	0.016	12.09	0.016	12.06	0.016
3	256QAM	1	0	10.09	0.010	9.90	0.010	10.04	0.010
3	256QAM	1	8	10.14	0.010	10.14	0.010	10.14	0.010
3	256QAM	1	14	10.12	0.010	10.08	0.010	10.00	0.010
3	256QAM	8	0	10.31	0.011	10.05	0.010	9.98	0.010
3	256QAM	8	4	10.27	0.011	10.11	0.010	10.15	0.010
3	256QAM	8	7	10.25	0.011	10.21	0.010	10.06	0.010
3	256QAM	15	0	10.24	0.011	10.06	0.010	10.01	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	15.41	0.035	14.90	0.031	15.02	0.032
1.4	QPSK	1	3	15.31	0.034	15.25	0.033	15.22	0.033
1.4	QPSK	1	5	15.13	0.033	15.01	0.032	15.08	0.032
1.4	QPSK	3	0	15.09	0.032	15.21	0.033	15.05	0.032
1.4	QPSK	3	1	14.92	0.031	15.14	0.033	15.07	0.032
1.4	QPSK	3	3	15.05	0.032	15.08	0.032	15.07	0.032
1.4	QPSK	6	0	14.42	0.028	14.12	0.026	14.41	0.028
1.4	16QAM	1	0	14.67	0.029	14.39	0.027	14.72	0.030
1.4	16QAM	1	3	14.37	0.027	14.16	0.026	14.39	0.027
1.4	16QAM	1	5	14.46	0.028	14.86	0.031	14.58	0.029
1.4	16QAM	3	0	14.46	0.028	14.28	0.027	14.15	0.026
1.4	16QAM	3	1	14.61	0.029	14.27	0.027	14.43	0.028
1.4	16QAM	3	3	14.62	0.029	14.28	0.027	14.36	0.027
1.4	16QAM	6	0	13.21	0.021	13.28	0.021	13.28	0.021
1.4	64QAM	1	0	13.55	0.023	13.18	0.021	13.42	0.022
1.4	64QAM	1	3	13.54	0.023	13.34	0.022	13.36	0.022
1.4	64QAM	1	5	13.53	0.023	13.40	0.022	13.35	0.022
1.4	64QAM	3	0	13.65	0.023	13.39	0.022	13.38	0.022
1.4	64QAM	3	1	13.66	0.023	13.33	0.022	13.45	0.022
1.4	64QAM	3	3	13.45	0.022	13.36	0.022	13.20	0.021
1.4	64QAM	6	0	12.25	0.017	12.56	0.018	12.40	0.017
1.4	256QAM	1	0	10.09	0.010	10.01	0.010	9.93	0.010
1.4	256QAM	1	3	10.14	0.010	9.97	0.010	10.02	0.010
1.4	256QAM	1	5	10.03	0.010	10.00	0.010	9.97	0.010
1.4	256QAM	3	0	10.19	0.010	10.00	0.010	10.05	0.010
1.4	256QAM	3	1	10.20	0.010	10.05	0.010	9.98	0.010
1.4	256QAM	3	3	10.17	0.010	10.05	0.010	10.09	0.010
1.4	256QAM	6	0	10.03	0.010	10.00	0.010	10.05	0.010



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	18.90	0.078	19.03	0.080	18.96	0.079
20	QPSK	1	49	18.87	0.077	18.93	0.078	18.86	0.077
20	QPSK	1	99	18.98	0.079	18.95	0.079	18.99	0.079
20	QPSK	50	0	18.01	0.063	18.09	0.064	18.05	0.064
20	QPSK	50	24	17.94	0.062	17.97	0.063	18.01	0.063
20	QPSK	50	50	18.05	0.064	18.08	0.064	18.06	0.064
20	QPSK	100	0	18.00	0.063	18.10	0.065	18.02	0.063
20	16QAM	1	0	18.21	0.066	18.25	0.067	18.25	0.067
20	16QAM	1	49	18.23	0.067	18.32	0.068	18.30	0.068
20	16QAM	1	99	18.26	0.067	18.33	0.068	18.31	0.068
20	16QAM	50	0	16.93	0.049	16.97	0.050	17.02	0.050
20	16QAM	50	24	17.08	0.051	17.10	0.051	17.07	0.051
20	16QAM	50	50	17.07	0.051	17.12	0.052	17.09	0.051
20	16QAM	100	0	17.06	0.051	16.98	0.050	17.12	0.052
20	64QAM	1	0	17.15	0.052	17.29	0.054	17.20	0.052
20	64QAM	1	49	17.17	0.052	17.32	0.054	17.24	0.053
20	64QAM	1	99	17.27	0.053	17.38	0.055	17.28	0.053
20	64QAM	50	0	16.87	0.049	16.91	0.049	17.01	0.050
20	64QAM	50	24	17.08	0.051	17.08	0.051	17.07	0.051
20	64QAM	50	50	17.11	0.051	17.11	0.051	17.11	0.051
20	64QAM	100	0	17.08	0.051	16.95	0.050	17.16	0.052
20	256QAM	1	0	13.05	0.020	13.19	0.021	13.10	0.020
20	256QAM	1	49	13.07	0.020	13.22	0.021	13.14	0.021
20	256QAM	1	99	13.17	0.021	13.28	0.021	13.18	0.021
20	256QAM	50	0	12.78	0.019	12.82	0.019	12.92	0.020
20	256QAM	50	24	12.99	0.020	12.99	0.020	12.98	0.020
20	256QAM	50	50	13.02	0.020	13.02	0.020	13.02	0.020
20	256QAM	100	0	12.99	0.020	12.86	0.019	13.07	0.020



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.84	0.077	18.99	0.079	18.88	0.077
15	QPSK	1	37	18.79	0.076	18.83	0.076	18.74	0.075
15	QPSK	1	74	18.86	0.077	18.90	0.078	18.93	0.078
15	QPSK	36	0	17.74	0.059	18.03	0.064	17.97	0.063
15	QPSK	36	20	17.84	0.061	17.85	0.061	17.98	0.063
15	QPSK	36	39	18.04	0.064	18.01	0.063	18.04	0.064
15	QPSK	75	0	17.88	0.061	17.96	0.063	17.90	0.062
15	16QAM	1	0	18.15	0.065	18.24	0.067	18.24	0.067
15	16QAM	1	37	18.18	0.066	18.28	0.067	18.22	0.066
15	16QAM	1	74	18.22	0.066	18.32	0.068	18.30	0.068
15	16QAM	36	0	16.83	0.048	16.94	0.049	16.95	0.050
15	16QAM	36	20	16.97	0.050	16.98	0.050	16.96	0.050
15	16QAM	36	39	17.05	0.051	17.11	0.051	17.07	0.051
15	16QAM	75	0	16.95	0.050	16.95	0.050	17.07	0.051
15	64QAM	1	0	17.11	0.051	17.19	0.052	17.10	0.051
15	64QAM	1	37	17.14	0.052	17.29	0.054	17.13	0.052
15	64QAM	1	74	17.18	0.052	17.26	0.053	17.25	0.053
15	64QAM	36	0	16.81	0.048	16.86	0.049	16.99	0.050
15	64QAM	36	20	16.96	0.050	17.03	0.050	16.96	0.050
15	64QAM	36	39	17.09	0.051	17.03	0.050	17.05	0.051
15	64QAM	75	0	16.98	0.050	16.94	0.049	17.05	0.051
15	256QAM	1	0	12.96	0.020	13.18	0.021	13.05	0.020
15	256QAM	1	37	13.06	0.020	13.17	0.021	13.07	0.020
15	256QAM	1	74	13.07	0.020	13.22	0.021	13.12	0.021
15	256QAM	36	0	12.75	0.019	12.76	0.019	12.86	0.019
15	256QAM	36	20	12.88	0.019	12.90	0.019	12.94	0.020
15	256QAM	36	39	12.96	0.020	12.90	0.019	12.95	0.020
15	256QAM	75	0	12.88	0.019	12.82	0.019	13.04	0.020



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.81	0.076	18.99	0.079	18.93	0.078
10	QPSK	1	25	18.85	0.077	18.87	0.077	18.76	0.075
10	QPSK	1	49	18.93	0.078	18.91	0.078	18.98	0.079
10	QPSK	25	0	17.80	0.060	18.06	0.064	17.96	0.063
10	QPSK	25	12	17.92	0.062	17.91	0.062	17.91	0.062
10	QPSK	25	25	18.01	0.063	18.05	0.064	17.97	0.063
10	QPSK	50	0	17.93	0.062	17.89	0.062	17.96	0.063
10	16QAM	1	0	18.16	0.065	18.19	0.066	18.18	0.066
10	16QAM	1	25	18.22	0.066	18.28	0.067	18.26	0.067
10	16QAM	1	49	18.18	0.066	18.27	0.067	18.20	0.066
10	16QAM	25	0	16.90	0.049	16.87	0.049	16.90	0.049
10	16QAM	25	12	16.99	0.050	16.98	0.050	16.98	0.050
10	16QAM	25	25	17.01	0.050	17.08	0.051	17.08	0.051
10	16QAM	50	0	17.03	0.050	16.96	0.050	17.09	0.051
10	64QAM	1	0	17.12	0.052	17.23	0.053	17.16	0.052
10	64QAM	1	25	17.12	0.052	17.31	0.054	17.14	0.052
10	64QAM	1	49	17.18	0.052	17.36	0.054	17.26	0.053
10	64QAM	25	0	16.75	0.047	16.87	0.049	16.99	0.050
10	64QAM	25	12	16.98	0.050	16.96	0.050	16.97	0.050
10	64QAM	25	25	17.01	0.050	17.01	0.050	17.09	0.051
10	64QAM	50	0	16.98	0.050	16.90	0.049	17.15	0.052
10	256QAM	1	0	13.04	0.020	13.18	0.021	13.07	0.020
10	256QAM	1	25	12.96	0.020	13.18	0.021	13.10	0.020
10	256QAM	1	49	13.06	0.020	13.19	0.021	13.08	0.020
10	256QAM	25	0	12.71	0.019	12.71	0.019	12.85	0.019
10	256QAM	25	12	12.95	0.020	12.87	0.019	12.86	0.019
10	256QAM	25	25	12.95	0.020	12.98	0.020	12.93	0.020
10	256QAM	50	0	12.97	0.020	12.80	0.019	12.95	0.020



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.80	0.076	18.98	0.079	18.85	0.077
5	QPSK	1	12	18.77	0.075	18.85	0.077	18.82	0.076
5	QPSK	1	24	18.92	0.078	18.92	0.078	18.97	0.079
5	QPSK	12	0	17.77	0.060	18.04	0.064	18.02	0.063
5	QPSK	12	7	17.82	0.061	17.86	0.061	18.00	0.063
5	QPSK	12	13	17.95	0.062	17.98	0.063	17.99	0.063
5	QPSK	25	0	17.97	0.063	17.97	0.063	17.99	0.063
5	16QAM	1	0	18.11	0.065	18.18	0.066	18.19	0.066
5	16QAM	1	12	18.16	0.065	18.31	0.068	18.20	0.066
5	16QAM	1	24	18.19	0.066	18.25	0.067	18.23	0.067
5	16QAM	12	0	16.88	0.049	16.91	0.049	16.93	0.049
5	16QAM	12	7	17.02	0.050	17.02	0.050	17.04	0.051
5	16QAM	12	13	17.06	0.051	17.06	0.051	17.07	0.051
5	16QAM	25	0	17.01	0.050	16.94	0.049	17.10	0.051
5	64QAM	1	0	17.08	0.051	17.20	0.052	17.13	0.052
5	64QAM	1	12	17.10	0.051	17.29	0.054	17.15	0.052
5	64QAM	1	24	17.15	0.052	17.30	0.054	17.27	0.053
5	64QAM	12	0	16.78	0.048	16.80	0.048	16.90	0.049
5	64QAM	12	7	17.04	0.051	17.00	0.050	17.00	0.050
5	64QAM	12	13	17.01	0.050	17.06	0.051	17.06	0.051
5	64QAM	25	0	16.98	0.050	16.90	0.049	17.11	0.051
5	256QAM	1	0	13.02	0.020	13.12	0.021	13.05	0.020
5	256QAM	1	12	12.99	0.020	13.10	0.020	13.02	0.020
5	256QAM	1	24	13.16	0.021	13.19	0.021	13.10	0.020
5	256QAM	12	0	12.71	0.019	12.81	0.019	12.81	0.019
5	256QAM	12	7	12.88	0.019	12.95	0.020	12.95	0.020
5	256QAM	12	13	12.92	0.020	13.00	0.020	12.92	0.020
5	256QAM	25	0	12.87	0.019	12.78	0.019	13.01	0.020

**ANT 6**

LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.75	0.188	/	/
10	QPSK	1	25	/	/	22.73	0.187	/	/
10	QPSK	1	49	/	/	22.69	0.186	/	/
10	QPSK	25	0	/	/	21.81	0.152	/	/
10	QPSK	25	12	/	/	21.70	0.148	/	/
10	QPSK	25	25	/	/	21.71	0.148	/	/
10	QPSK	50	0	/	/	21.73	0.149	/	/
10	16QAM	1	0	/	/	21.92	0.156	/	/
10	16QAM	1	25	/	/	21.89	0.155	/	/
10	16QAM	1	49	/	/	21.96	0.157	/	/
10	16QAM	25	0	/	/	20.78	0.120	/	/
10	16QAM	25	12	/	/	20.73	0.118	/	/
10	16QAM	25	25	/	/	20.74	0.119	/	/
10	16QAM	50	0	/	/	20.71	0.118	/	/
10	64QAM	1	0	/	/	20.98	0.125	/	/
10	64QAM	1	25	/	/	20.72	0.118	/	/
10	64QAM	1	49	/	/	20.88	0.122	/	/
10	64QAM	25	0	/	/	20.82	0.121	/	/
10	64QAM	25	12	/	/	20.77	0.119	/	/
10	64QAM	25	25	/	/	20.72	0.118	/	/
10	64QAM	50	0	/	/	20.74	0.119	/	/
10	256QAM	1	0	/	/	17.67	0.058	/	/
10	256QAM	1	25	/	/	17.41	0.055	/	/
10	256QAM	1	49	/	/	17.57	0.057	/	/
10	256QAM	25	0	/	/	17.50	0.056	/	/
10	256QAM	25	12	/	/	17.45	0.056	/	/
10	256QAM	25	25	/	/	17.40	0.055	/	/
10	256QAM	50	0	/	/	17.42	0.055	/	/



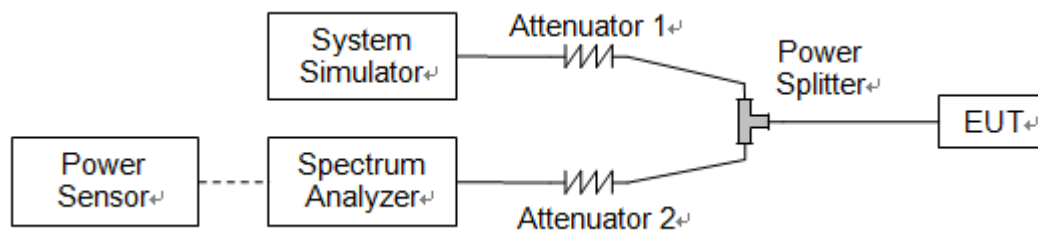
LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.64	0.184	22.74	0.188	22.63	0.183
5	QPSK	1	12	22.55	0.180	22.55	0.180	22.58	0.181
5	QPSK	1	24	22.59	0.182	22.53	0.179	22.60	0.182
5	QPSK	12	0	21.65	0.146	21.74	0.149	21.66	0.147
5	QPSK	12	7	21.71	0.148	21.64	0.146	21.66	0.147
5	QPSK	12	13	21.69	0.148	21.65	0.146	21.68	0.147
5	QPSK	25	0	21.57	0.144	21.64	0.146	21.67	0.147
5	16QAM	1	0	21.90	0.155	21.84	0.153	21.90	0.155
5	16QAM	1	12	21.85	0.153	21.81	0.152	21.85	0.153
5	16QAM	1	24	21.88	0.154	21.89	0.155	21.94	0.156
5	16QAM	12	0	20.70	0.117	20.69	0.117	20.77	0.119
5	16QAM	12	7	20.66	0.116	20.66	0.116	20.70	0.117
5	16QAM	12	13	20.65	0.116	20.73	0.118	20.63	0.116
5	16QAM	25	0	20.63	0.116	20.65	0.116	20.64	0.116
5	64QAM	1	0	20.92	0.124	20.94	0.124	20.88	0.122
5	64QAM	1	12	20.66	0.116	20.61	0.115	20.70	0.117
5	64QAM	1	24	20.87	0.122	20.82	0.121	20.83	0.121
5	64QAM	12	0	20.80	0.120	20.73	0.118	20.72	0.118
5	64QAM	12	7	20.76	0.119	20.74	0.119	20.76	0.119
5	64QAM	12	13	20.69	0.117	20.67	0.117	20.60	0.115
5	64QAM	25	0	20.70	0.117	20.62	0.115	20.64	0.116
5	256QAM	1	0	17.58	0.057	17.64	0.058	17.56	0.057
5	256QAM	1	12	17.39	0.055	17.38	0.055	17.37	0.055
5	256QAM	1	24	17.54	0.057	17.52	0.056	17.50	0.056
5	256QAM	12	0	17.38	0.055	17.44	0.055	17.40	0.055
5	256QAM	12	7	17.38	0.055	17.39	0.055	17.41	0.055
5	256QAM	12	13	17.28	0.053	17.29	0.054	17.33	0.054
5	256QAM	25	0	17.32	0.054	17.34	0.054	17.40	0.055

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	1.1053	1.3468	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1102	1.5129	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1028	1.3577	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.0985	1.3582	PASS
B2	1.4	Mid	18900	1880	QPSK	1.1049	1.3912	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1108	1.4538	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1007	1.3602	PASS
B2	1.4	Mid	18900	1880	256QAM	1.1114	1.3603	PASS
B2	1.4	High	19193	1909.3	QPSK	1.1041	1.3864	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1093	1.4572	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1058	1.3736	PASS
B2	1.4	High	19193	1909.3	256QAM	1.1074	1.3439	PASS
B2	3	Low	18615	1851.5	QPSK	2.7110	3.0971	PASS
B2	3	Low	18615	1851.5	16QAM	2.7153	3.0705	PASS
B2	3	Low	18615	1851.5	64QAM	2.7081	3.0596	PASS
B2	3	Low	18615	1851.5	256QAM	2.7062	3.0757	PASS
B2	3	Mid	18900	1880	QPSK	2.7070	3.0667	PASS
B2	3	Mid	18900	1880	16QAM	2.7114	3.0779	PASS
B2	3	Mid	18900	1880	64QAM	2.7142	3.0679	PASS
B2	3	Mid	18900	1880	256QAM	2.7055	3.0531	PASS
B2	3	High	19185	1908.5	QPSK	2.7179	3.0670	PASS
B2	3	High	19185	1908.5	16QAM	2.7081	3.0466	PASS
B2	3	High	19185	1908.5	64QAM	2.7145	3.0713	PASS
B2	3	High	19185	1908.5	256QAM	2.7134	3.0319	PASS
B2	5	Low	18625	1852.5	QPSK	4.4772	4.9725	PASS
B2	5	Low	18625	1852.5	16QAM	4.4741	4.9781	PASS
B2	5	Low	18625	1852.5	64QAM	4.4814	5.0286	PASS
B2	5	Low	18625	1852.5	256QAM	4.4724	4.9997	PASS
B2	5	Mid	18900	1880	QPSK	4.4706	5.0089	PASS
B2	5	Mid	18900	1880	16QAM	4.4732	5.0055	PASS
B2	5	Mid	18900	1880	64QAM	4.4755	5.0201	PASS
B2	5	Mid	18900	1880	256QAM	4.4766	4.9992	PASS
B2	5	High	19175	1907.5	QPSK	4.4729	4.9278	PASS
B2	5	High	19175	1907.5	16QAM	4.4788	4.9908	PASS
B2	5	High	19175	1907.5	64QAM	4.4722	4.9663	PASS



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B2	5	High	19175	1907.5	256QAM	4.4651	4.9985	PASS
B2	10	Low	18650	1855	QPSK	8.9493	9.7616	PASS
B2	10	Low	18650	1855	16QAM	8.9463	9.9084	PASS
B2	10	Low	18650	1855	64QAM	8.9265	9.7854	PASS
B2	10	Low	18650	1855	256QAM	8.9517	9.8126	PASS
B2	10	Mid	18900	1880	QPSK	8.9580	9.9259	PASS
B2	10	Mid	18900	1880	16QAM	8.9633	9.8404	PASS
B2	10	Mid	18900	1880	64QAM	8.9658	9.7156	PASS
B2	10	Mid	18900	1880	256QAM	8.9533	9.7789	PASS
B2	10	High	19150	1905	QPSK	8.9495	9.9367	PASS
B2	10	High	19150	1905	16QAM	8.9500	9.8484	PASS
B2	10	High	19150	1905	64QAM	8.9413	9.8638	PASS
B2	10	High	19150	1905	256QAM	8.9498	9.7260	PASS
B2	15	Low	18675	1857.5	QPSK	13.430	14.715	PASS
B2	15	Low	18675	1857.5	16QAM	13.443	14.554	PASS
B2	15	Low	18675	1857.5	64QAM	13.410	14.600	PASS
B2	15	Low	18675	1857.5	256QAM	13.417	14.768	PASS
B2	15	Mid	18900	1880	QPSK	13.453	14.845	PASS
B2	15	Mid	18900	1880	16QAM	13.441	14.637	PASS
B2	15	Mid	18900	1880	64QAM	13.429	14.621	PASS
B2	15	Mid	18900	1880	256QAM	13.417	14.595	PASS
B2	15	High	19125	1902.5	QPSK	13.405	14.673	PASS
B2	15	High	19125	1902.5	16QAM	13.431	14.538	PASS
B2	15	High	19125	1902.5	64QAM	13.418	14.508	PASS
B2	15	High	19125	1902.5	256QAM	13.434	14.571	PASS
B2	20	Low	18700	1860	QPSK	17.892	19.396	PASS
B2	20	Low	18700	1860	16QAM	17.892	19.338	PASS
B2	20	Low	18700	1860	64QAM	17.880	19.368	PASS
B2	20	Low	18700	1860	256QAM	17.888	19.366	PASS
B2	20	Mid	18900	1880	QPSK	17.895	19.132	PASS
B2	20	Mid	18900	1880	16QAM	17.883	19.444	PASS
B2	20	Mid	18900	1880	64QAM	17.904	19.359	PASS
B2	20	Mid	18900	1880	256QAM	17.884	19.260	PASS
B2	20	High	19100	1900	QPSK	17.931	19.453	PASS
B2	20	High	19100	1900	16QAM	17.907	19.617	PASS
B2	20	High	19100	1900	64QAM	17.891	19.420	PASS
B2	20	High	19100	1900	256QAM	17.905	19.416	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.1032	1.3441	PASS



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B4	1.4	Low	19957	1710.7	16QAM	1.1081	1.4889	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1086	1.3959	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.1023	1.3485	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1035	1.4306	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1053	1.4639	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1029	1.3913	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.1005	1.3454	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1083	1.3847	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1077	1.4805	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1044	1.3376	PASS
B4	1.4	High	20393	1754.3	256QAM	1.0999	1.3486	PASS
B4	3	Low	19965	1711.5	QPSK	2.7107	3.0872	PASS
B4	3	Low	19965	1711.5	16QAM	2.7060	3.0679	PASS
B4	3	Low	19965	1711.5	64QAM	2.7111	3.0442	PASS
B4	3	Low	19965	1711.5	256QAM	2.7043	3.0393	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7070	3.0571	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7167	3.0558	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7105	3.0351	PASS
B4	3	Mid	20175	1732.5	256QAM	2.7084	3.0605	PASS
B4	3	High	20385	1753.5	QPSK	2.7118	3.0742	PASS
B4	3	High	20385	1753.5	16QAM	2.7075	3.0616	PASS
B4	3	High	20385	1753.5	64QAM	2.7068	3.0524	PASS
B4	3	High	20385	1753.5	256QAM	2.7137	3.0658	PASS
B4	5	Low	19975	1712.5	QPSK	4.4780	4.9676	PASS
B4	5	Low	19975	1712.5	16QAM	4.4782	5.0142	PASS
B4	5	Low	19975	1712.5	64QAM	4.4809	5.0286	PASS
B4	5	Low	19975	1712.5	256QAM	4.4709	5.0025	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4772	5.0254	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4818	5.0480	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4847	5.0004	PASS
B4	5	Mid	20175	1732.5	256QAM	4.4683	5.0196	PASS
B4	5	High	20375	1752.5	QPSK	4.4740	4.9486	PASS
B4	5	High	20375	1752.5	16QAM	4.4850	4.9549	PASS
B4	5	High	20375	1752.5	64QAM	4.4806	4.9497	PASS
B4	5	High	20375	1752.5	256QAM	4.4813	4.9999	PASS
B4	10	Low	20000	1715	QPSK	8.9506	9.7841	PASS
B4	10	Low	20000	1715	16QAM	8.9437	9.6999	PASS
B4	10	Low	20000	1715	64QAM	8.9515	9.7423	PASS



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B4	10	Low	20000	1715	256QAM	8.9416	9.7630	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9443	9.7744	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9635	9.7229	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9446	9.8777	PASS
B4	10	Mid	20175	1732.5	256QAM	8.9651	9.7423	PASS
B4	10	High	20350	1750	QPSK	8.9622	9.8757	PASS
B4	10	High	20350	1750	16QAM	8.9677	9.8608	PASS
B4	10	High	20350	1750	64QAM	8.9641	9.7819	PASS
B4	10	High	20350	1750	256QAM	8.9287	9.7556	PASS
B4	15	Low	20025	1717.5	QPSK	13.424	14.615	PASS
B4	15	Low	20025	1717.5	16QAM	13.426	14.528	PASS
B4	15	Low	20025	1717.5	64QAM	13.399	14.467	PASS
B4	15	Low	20025	1717.5	256QAM	13.374	14.474	PASS
B4	15	Mid	20175	1732.5	QPSK	13.423	14.732	PASS
B4	15	Mid	20175	1732.5	16QAM	13.404	14.754	PASS
B4	15	Mid	20175	1732.5	64QAM	13.437	14.611	PASS
B4	15	Mid	20175	1732.5	256QAM	13.396	14.437	PASS
B4	15	High	20325	1747.5	QPSK	13.438	14.471	PASS
B4	15	High	20325	1747.5	16QAM	13.420	14.639	PASS
B4	15	High	20325	1747.5	64QAM	13.416	14.618	PASS
B4	15	High	20325	1747.5	256QAM	13.395	14.451	PASS
B4	20	Low	20050	1720	QPSK	17.886	19.342	PASS
B4	20	Low	20050	1720	16QAM	17.881	19.383	PASS
B4	20	Low	20050	1720	64QAM	17.894	19.377	PASS
B4	20	Low	20050	1720	256QAM	17.858	19.418	PASS
B4	20	Mid	20175	1732.5	QPSK	17.918	19.429	PASS
B4	20	Mid	20175	1732.5	16QAM	17.930	19.244	PASS
B4	20	Mid	20175	1732.5	64QAM	17.902	19.575	PASS
B4	20	Mid	20175	1732.5	256QAM	17.930	19.282	PASS
B4	20	High	20300	1745	QPSK	17.871	19.246	PASS
B4	20	High	20300	1745	16QAM	17.905	19.471	PASS
B4	20	High	20300	1745	64QAM	17.888	19.425	PASS
B4	20	High	20300	1745	256QAM	17.932	19.342	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.1024	1.3426	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1102	1.4708	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0963	1.3731	PASS
B5	1.4	Low	20407	824.7	256QAM	1.1040	1.3596	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1122	1.4495	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1129	1.3920	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1081	1.3672	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.1082	1.3344	PASS
B5	1.4	High	20643	848.3	QPSK	1.1066	1.4396	PASS
B5	1.4	High	20643	848.3	16QAM	1.1070	1.4127	PASS
B5	1.4	High	20643	848.3	64QAM	1.1042	1.4305	PASS
B5	1.4	High	20643	848.3	256QAM	1.1065	1.3832	PASS
B5	3	Low	20415	825.5	QPSK	2.7082	3.0826	PASS
B5	3	Low	20415	825.5	16QAM	2.7095	3.1141	PASS
B5	3	Low	20415	825.5	64QAM	2.7097	3.0495	PASS
B5	3	Low	20415	825.5	256QAM	2.7140	3.0722	PASS
B5	3	Mid	20525	836.5	QPSK	2.7081	3.1006	PASS
B5	3	Mid	20525	836.5	16QAM	2.7041	3.0672	PASS
B5	3	Mid	20525	836.5	64QAM	2.7148	3.0247	PASS
B5	3	Mid	20525	836.5	256QAM	2.7126	3.0579	PASS
B5	3	High	20635	847.5	QPSK	2.7156	3.0926	PASS
B5	3	High	20635	847.5	16QAM	2.7047	3.1186	PASS
B5	3	High	20635	847.5	64QAM	2.7118	3.0559	PASS
B5	3	High	20635	847.5	256QAM	2.7057	3.0764	PASS
B5	5	Low	20425	826.5	QPSK	4.4741	4.9596	PASS
B5	5	Low	20425	826.5	16QAM	4.4826	5.0081	PASS
B5	5	Low	20425	826.5	64QAM	4.4753	4.9398	PASS
B5	5	Low	20425	826.5	256QAM	4.4687	4.9811	PASS
B5	5	Mid	20525	836.5	QPSK	4.4845	5.0175	PASS
B5	5	Mid	20525	836.5	16QAM	4.4795	4.9750	PASS
B5	5	Mid	20525	836.5	64QAM	4.4753	5.0324	PASS
B5	5	Mid	20525	836.5	256QAM	4.4738	4.9314	PASS
B5	5	High	20625	846.5	QPSK	4.4768	5.0336	PASS
B5	5	High	20625	846.5	16QAM	4.4798	4.9989	PASS
B5	5	High	20625	846.5	64QAM	4.4806	5.0313	PASS



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B5	5	High	20625	846.5	256QAM	4.4768	5.0056	PASS
B5	10	Low	20450	829	QPSK	8.9607	9.7803	PASS
B5	10	Low	20450	829	16QAM	8.9683	9.7728	PASS
B5	10	Low	20450	829	64QAM	8.9533	9.7247	PASS
B5	10	Low	20450	829	256QAM	8.9486	9.8570	PASS
B5	10	Mid	20525	836.5	QPSK	8.9742	9.8278	PASS
B5	10	Mid	20525	836.5	16QAM	8.9798	9.8128	PASS
B5	10	Mid	20525	836.5	64QAM	8.9449	9.7555	PASS
B5	10	Mid	20525	836.5	256QAM	8.9449	9.7625	PASS
B5	10	High	20600	844	QPSK	8.9513	9.7772	PASS
B5	10	High	20600	844	16QAM	8.9618	9.8422	PASS
B5	10	High	20600	844	64QAM	8.9384	9.8397	PASS
B5	10	High	20600	844	256QAM	8.9467	9.7108	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4788	5.1171	PASS
B7	5	Low	20775	2502.5	16QAM	4.4952	5.0497	PASS
B7	5	Low	20775	2502.5	64QAM	4.4820	4.9844	PASS
B7	5	Low	20775	2502.5	256QAM	4.4775	5.0229	PASS
B7	5	Mid	21100	2535	QPSK	4.4829	5.0302	PASS
B7	5	Mid	21100	2535	16QAM	4.4840	5.0495	PASS
B7	5	Mid	21100	2535	64QAM	4.4789	5.0233	PASS
B7	5	Mid	21100	2535	256QAM	4.4795	4.9870	PASS
B7	5	High	21425	2567.5	QPSK	4.4668	5.0518	PASS
B7	5	High	21425	2567.5	16QAM	4.4748	5.0305	PASS
B7	5	High	21425	2567.5	64QAM	4.4760	5.0039	PASS
B7	5	High	21425	2567.5	256QAM	4.4835	4.9550	PASS
B7	10	Low	20800	2505	QPSK	8.9463	9.8392	PASS
B7	10	Low	20800	2505	16QAM	8.9580	9.8290	PASS
B7	10	Low	20800	2505	64QAM	8.9407	9.7634	PASS
B7	10	Low	20800	2505	256QAM	8.9321	9.7194	PASS
B7	10	Mid	21100	2535	QPSK	8.9576	9.8666	PASS
B7	10	Mid	21100	2535	16QAM	8.9734	9.8447	PASS
B7	10	Mid	21100	2535	64QAM	8.9564	9.8357	PASS
B7	10	Mid	21100	2535	256QAM	8.9409	9.7803	PASS
B7	10	High	21400	2565	QPSK	8.9592	9.7707	PASS
B7	10	High	21400	2565	16QAM	8.9559	9.8172	PASS
B7	10	High	21400	2565	64QAM	8.9555	9.8585	PASS
B7	10	High	21400	2565	256QAM	8.9744	9.8717	PASS
B7	15	Low	20825	2507.5	QPSK	13.429	14.668	PASS
B7	15	Low	20825	2507.5	16QAM	13.443	14.580	PASS
B7	15	Low	20825	2507.5	64QAM	13.392	14.631	PASS
B7	15	Low	20825	2507.5	256QAM	13.412	14.439	PASS
B7	15	Mid	21100	2535	QPSK	13.439	14.825	PASS
B7	15	Mid	21100	2535	16QAM	13.425	14.729	PASS
B7	15	Mid	21100	2535	64QAM	13.439	14.794	PASS
B7	15	Mid	21100	2535	256QAM	13.431	14.593	PASS
B7	15	High	21375	2562.5	QPSK	13.431	14.720	PASS
B7	15	High	21375	2562.5	16QAM	13.424	14.571	PASS
B7	15	High	21375	2562.5	64QAM	13.459	14.631	PASS



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B7	15	High	21375	2562.5	256QAM	13.413	14.609	PASS
B7	20	Low	20850	2510	QPSK	17.883	19.421	PASS
B7	20	Low	20850	2510	16QAM	17.872	19.331	PASS
B7	20	Low	20850	2510	64QAM	17.888	19.276	PASS
B7	20	Low	20850	2510	256QAM	17.910	19.540	PASS
B7	20	Mid	21100	2535	QPSK	17.910	19.330	PASS
B7	20	Mid	21100	2535	16QAM	17.898	19.334	PASS
B7	20	Mid	21100	2535	64QAM	17.923	19.495	PASS
B7	20	Mid	21100	2535	256QAM	17.915	19.385	PASS
B7	20	High	21350	2560	QPSK	17.903	19.572	PASS
B7	20	High	21350	2560	16QAM	17.896	19.548	PASS
B7	20	High	21350	2560	64QAM	17.894	19.292	PASS
B7	20	High	21350	2560	256QAM	17.942	19.401	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	1.1041	1.3395	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1107	1.4484	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1033	1.3852	PASS
B12	1.4	Low	23017	699.7	256QAM	1.1033	1.3366	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1061	1.4438	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1128	1.5388	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1016	1.3997	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.1074	1.3457	PASS
B12	1.4	High	23173	715.3	QPSK	1.1051	1.3740	PASS
B12	1.4	High	23173	715.3	16QAM	1.1145	1.4923	PASS
B12	1.4	High	23173	715.3	64QAM	1.1078	1.3776	PASS
B12	1.4	High	23173	715.3	256QAM	1.1052	1.3441	PASS
B12	3	Low	23025	700.5	QPSK	2.7118	3.0686	PASS
B12	3	Low	23025	700.5	16QAM	2.7057	3.0622	PASS
B12	3	Low	23025	700.5	64QAM	2.7213	3.0277	PASS
B12	3	Low	23025	700.5	256QAM	2.7095	3.0746	PASS
B12	3	Mid	23095	707.5	QPSK	2.7014	3.0783	PASS
B12	3	Mid	23095	707.5	16QAM	2.7038	3.0621	PASS
B12	3	Mid	23095	707.5	64QAM	2.7018	3.0641	PASS
B12	3	Mid	23095	707.5	256QAM	2.7057	3.0964	PASS
B12	3	High	23165	714.5	QPSK	2.7108	3.0647	PASS
B12	3	High	23165	714.5	16QAM	2.7044	3.0421	PASS
B12	3	High	23165	714.5	64QAM	2.7131	3.0328	PASS
B12	3	High	23165	714.5	256QAM	2.7051	3.0602	PASS
B12	5	Low	23035	701.5	QPSK	4.4762	5.0183	PASS
B12	5	Low	23035	701.5	16QAM	4.4765	4.9536	PASS
B12	5	Low	23035	701.5	64QAM	4.4839	5.0663	PASS
B12	5	Low	23035	701.5	256QAM	4.4827	5.0177	PASS
B12	5	Mid	23095	707.5	QPSK	4.4852	5.0304	PASS
B12	5	Mid	23095	707.5	16QAM	4.4778	5.0133	PASS
B12	5	Mid	23095	707.5	64QAM	4.4714	5.0270	PASS
B12	5	Mid	23095	707.5	256QAM	4.4737	4.9753	PASS
B12	5	High	23155	713.5	QPSK	4.4798	4.9832	PASS
B12	5	High	23155	713.5	16QAM	4.4846	4.9690	PASS
B12	5	High	23155	713.5	64QAM	4.4788	4.9849	PASS



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B12	5	High	23155	713.5	256QAM	4.4835	4.9876	PASS
B12	10	Low	23060	704	QPSK	8.9566	9.8253	PASS
B12	10	Low	23060	704	16QAM	8.9535	9.7264	PASS
B12	10	Low	23060	704	64QAM	8.9305	9.7586	PASS
B12	10	Low	23060	704	256QAM	8.9419	9.8159	PASS
B12	10	Mid	23095	707.5	QPSK	8.9454	9.8286	PASS
B12	10	Mid	23095	707.5	16QAM	8.9457	9.9759	PASS
B12	10	Mid	23095	707.5	64QAM	8.9433	9.8134	PASS
B12	10	Mid	23095	707.5	256QAM	8.9537	9.6836	PASS
B12	10	High	23130	711	QPSK	8.9464	9.8521	PASS
B12	10	High	23130	711	16QAM	8.9455	9.8210	PASS
B12	10	High	23130	711	64QAM	8.9550	9.8251	PASS
B12	10	High	23130	711	256QAM	8.9451	9.8087	PASS
B13	5	Low	23205	779.5	QPSK	4.4728	4.9856	PASS
B13	5	Low	23205	779.5	16QAM	4.4727	5.0079	PASS
B13	5	Low	23205	779.5	64QAM	4.4815	4.9309	PASS
B13	5	Low	23205	779.5	256QAM	4.4755	4.9677	PASS
B13	5	Mid	23230	782	QPSK	4.4786	4.9950	PASS
B13	5	Mid	23230	782	16QAM	4.4856	5.0025	PASS
B13	5	Mid	23230	782	64QAM	4.4773	4.9736	PASS
B13	5	Mid	23230	782	256QAM	4.4815	4.9718	PASS
B13	5	High	23255	784.5	QPSK	4.4772	4.9858	PASS
B13	5	High	23255	784.5	16QAM	4.4693	4.9455	PASS
B13	5	High	23255	784.5	64QAM	4.4891	4.9954	PASS
B13	5	High	23255	784.5	256QAM	4.4754	5.0203	PASS
B13	10	Mid	23230	782	QPSK	8.9053	9.6686	PASS
B13	10	Mid	23230	782	16QAM	8.9624	9.7131	PASS
B13	10	Mid	23230	782	64QAM	8.9292	9.7269	PASS
B13	10	Mid	23230	782	256QAM	8.9419	9.6495	PASS
B17	5	Low	23755	706.5	QPSK	4.4864	4.9000	PASS
B17	5	Low	23755	706.5	16QAM	4.4725	4.9788	PASS
B17	5	Low	23755	706.5	64QAM	4.4803	5.0459	PASS
B17	5	Low	23755	706.5	256QAM	4.4776	5.0461	PASS
B17	5	Mid	23790	710	QPSK	4.4810	4.9367	PASS
B17	5	Mid	23790	710	16QAM	4.4734	5.0104	PASS
B17	5	Mid	23790	710	64QAM	4.4756	4.9569	PASS
B17	5	Mid	23790	710	256QAM	4.4777	4.9811	PASS
B17	5	High	23825	713.5	QPSK	4.4772	5.0404	PASS



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B17	5	High	23825	713.5	16QAM	4.4829	4.9427	PASS
B17	5	High	23825	713.5	64QAM	4.4851	4.9890	PASS
B17	5	High	23825	713.5	256QAM	4.4761	5.0313	PASS
B17	10	Low	23780	709	QPSK	8.9457	9.7618	PASS
B17	10	Low	23780	709	16QAM	8.9318	9.7981	PASS
B17	10	Low	23780	709	64QAM	8.9388	9.7889	PASS
B17	10	Low	23780	709	256QAM	8.9403	9.7608	PASS
B17	10	Mid	23790	710	QPSK	8.9379	9.8046	PASS
B17	10	Mid	23790	710	16QAM	8.9398	9.7580	PASS
B17	10	Mid	23790	710	64QAM	8.9351	9.7955	PASS
B17	10	Mid	23790	710	256QAM	8.9576	9.6656	PASS
B17	10	High	23800	711	QPSK	8.9532	9.7685	PASS
B17	10	High	23800	711	16QAM	8.9453	9.7867	PASS
B17	10	High	23800	711	64QAM	8.9420	9.6801	PASS
B17	10	High	23800	711	256QAM	8.9373	9.7931	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	4.4743	4.9468	PASS
B18 part22	5	Low	23965	826.5	16QAM	4.4680	4.9794	PASS
B18 part22	5	Low	23965	826.5	64QAM	4.4687	4.9808	PASS
B18 part22	5	Low	23965	826.5	256QAM	4.4760	4.9523	PASS
B18 part22	5	Mid	23970	827	QPSK	4.4809	4.9748	PASS
B18 part22	5	Mid	23970	827	16QAM	4.4775	4.9851	PASS
B18 part22	5	Mid	23970	827	64QAM	4.4835	4.9508	PASS
B18 part22	5	Mid	23970	827	256QAM	4.4724	4.9374	PASS
B18 part22	5	High	23975	827.5	QPSK	4.4764	4.9854	PASS
B18 part22	5	High	23975	827.5	16QAM	4.4758	5.0258	PASS
B18 part22	5	High	23975	827.5	64QAM	4.4752	4.9893	PASS
B18 part22	5	High	23975	827.5	256QAM	4.4815	4.9734	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	4.4899	5.0096	PASS
B19	5	Low	24025	832.5	16QAM	4.4822	4.9410	PASS
B19	5	Low	24025	832.5	64QAM	4.4769	5.1285	PASS
B19	5	Low	24025	832.5	256QAM	4.4708	5.0117	PASS
B19	5	Mid	24075	837.5	QPSK	4.4824	4.9769	PASS
B19	5	Mid	24075	837.5	16QAM	4.4794	5.0385	PASS
B19	5	Mid	24075	837.5	64QAM	4.4793	4.9846	PASS
B19	5	Mid	24075	837.5	256QAM	4.4673	4.9817	PASS
B19	5	High	24125	842.5	QPSK	4.4826	4.9528	PASS
B19	5	High	24125	842.5	16QAM	4.4702	5.0524	PASS
B19	5	High	24125	842.5	64QAM	4.4792	5.0319	PASS
B19	5	High	24125	842.5	256QAM	4.4664	4.9658	PASS
B19	10	Low	24050	835	QPSK	8.9515	9.9376	PASS
B19	10	Low	24050	835	16QAM	8.9712	9.8088	PASS
B19	10	Low	24050	835	64QAM	8.9586	9.9425	PASS
B19	10	Low	24050	835	256QAM	8.9784	9.8235	PASS
B19	10	Mid	24075	837.5	QPSK	8.9489	9.8269	PASS
B19	10	Mid	24075	837.5	16QAM	8.9714	9.8210	PASS
B19	10	Mid	24075	837.5	64QAM	8.9486	9.8120	PASS
B19	10	Mid	24075	837.5	256QAM	8.9492	9.7418	PASS
B19	10	High	24100	840	QPSK	8.9480	9.8303	PASS
B19	10	High	24100	840	16QAM	8.9411	9.7877	PASS
B19	10	High	24100	840	64QAM	8.9565	9.8662	PASS
B19	10	High	24100	840	256QAM	8.9355	9.7323	PASS
B19	15	Low	24075	837.5	QPSK	13.417	14.594	PASS
B19	15	Low	24075	837.5	16QAM	13.432	14.706	PASS
B19	15	Low	24075	837.5	64QAM	13.429	14.553	PASS
B19	15	Low	24075	837.5	256QAM	13.408	14.649	PASS
B19	15	Mid	24075	837.5	QPSK	13.425	14.896	PASS
B19	15	Mid	24075	837.5	16QAM	13.407	14.627	PASS
B19	15	Mid	24075	837.5	64QAM	13.425	14.471	PASS
B19	15	Mid	24075	837.5	256QAM	13.425	14.670	PASS
B19	15	High	24075	837.5	QPSK	13.419	14.749	PASS
B19	15	High	24075	837.5	16QAM	13.444	14.560	PASS
B19	15	High	24075	837.5	64QAM	13.412	14.552	PASS



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B19	15	High	24075	837.5	256QAM	13.423	14.603	PASS
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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	1.1030	1.3941	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1053	1.4162	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1077	1.3620	PASS
B25	1.4	Low	26047	1850.7	256QAM	1.1007	1.3354	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.1014	1.4253	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1079	1.3640	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1099	1.3945	PASS
B25	1.4	Mid	26365	1882.5	256QAM	1.1060	1.3551	PASS
B25	1.4	High	26683	1914.3	QPSK	1.1070	1.4105	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1084	1.4331	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1083	1.3677	PASS
B25	1.4	High	26683	1914.3	256QAM	1.0998	1.3573	PASS
B25	3	Low	26055	1851.5	QPSK	2.7139	3.0767	PASS
B25	3	Low	26055	1851.5	16QAM	2.7126	3.0656	PASS
B25	3	Low	26055	1851.5	64QAM	2.7176	3.0785	PASS
B25	3	Low	26055	1851.5	256QAM	2.7114	3.0814	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7054	3.0967	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7152	3.0447	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7153	3.0805	PASS
B25	3	Mid	26365	1882.5	256QAM	2.7121	3.0987	PASS
B25	3	High	26675	1913.5	QPSK	2.7160	3.1002	PASS
B25	3	High	26675	1913.5	16QAM	2.7149	3.0640	PASS
B25	3	High	26675	1913.5	64QAM	2.7105	3.0446	PASS
B25	3	High	26675	1913.5	256QAM	2.7096	3.0644	PASS
B25	5	Low	26065	1852.5	QPSK	4.4844	5.0092	PASS
B25	5	Low	26065	1852.5	16QAM	4.4726	4.9760	PASS
B25	5	Low	26065	1852.5	64QAM	4.4834	5.0198	PASS
B25	5	Low	26065	1852.5	256QAM	4.4694	5.0036	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4836	4.9965	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4847	5.0107	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4847	4.9799	PASS
B25	5	Mid	26365	1882.5	256QAM	4.4819	4.9536	PASS
B25	5	High	26665	1912.5	QPSK	4.4840	4.9941	PASS
B25	5	High	26665	1912.5	16QAM	4.4851	4.9686	PASS
B25	5	High	26665	1912.5	64QAM	4.4856	5.0629	PASS



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B25	5	High	26665	1912.5	256QAM	4.4764	4.9411	PASS
B25	10	Low	26090	1855	QPSK	8.9686	9.7897	PASS
B25	10	Low	26090	1855	16QAM	8.9427	9.8496	PASS
B25	10	Low	26090	1855	64QAM	8.9775	9.8026	PASS
B25	10	Low	26090	1855	256QAM	8.9658	9.7114	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9530	9.8507	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9587	9.8991	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9430	9.8259	PASS
B25	10	Mid	26365	1882.5	256QAM	8.9453	9.7481	PASS
B25	10	High	26640	1910	QPSK	8.9530	9.7856	PASS
B25	10	High	26640	1910	16QAM	8.9605	9.7716	PASS
B25	10	High	26640	1910	64QAM	8.9485	9.7750	PASS
B25	10	High	26640	1910	256QAM	8.9579	9.7724	PASS
B25	15	Low	26115	1857.5	QPSK	13.448	14.365	PASS
B25	15	Low	26115	1857.5	16QAM	13.435	14.546	PASS
B25	15	Low	26115	1857.5	64QAM	13.419	14.813	PASS
B25	15	Low	26115	1857.5	256QAM	13.413	14.655	PASS
B25	15	Mid	26365	1882.5	QPSK	13.444	14.526	PASS
B25	15	Mid	26365	1882.5	16QAM	13.429	14.658	PASS
B25	15	Mid	26365	1882.5	64QAM	13.416	14.461	PASS
B25	15	Mid	26365	1882.5	256QAM	13.430	14.616	PASS
B25	15	High	26615	1907.5	QPSK	13.439	14.645	PASS
B25	15	High	26615	1907.5	16QAM	13.415	14.502	PASS
B25	15	High	26615	1907.5	64QAM	13.409	14.522	PASS
B25	15	High	26615	1907.5	256QAM	13.416	14.500	PASS
B25	20	Low	26140	1860	QPSK	17.877	19.654	PASS
B25	20	Low	26140	1860	16QAM	17.891	19.431	PASS
B25	20	Low	26140	1860	64QAM	17.875	19.395	PASS
B25	20	Low	26140	1860	256QAM	17.942	19.114	PASS
B25	20	Mid	26365	1882.5	QPSK	17.928	19.420	PASS
B25	20	Mid	26365	1882.5	16QAM	17.922	19.401	PASS
B25	20	Mid	26365	1882.5	64QAM	17.886	19.172	PASS
B25	20	Mid	26365	1882.5	256QAM	17.947	19.425	PASS
B25	20	High	26590	1905	QPSK	17.875	19.418	PASS
B25	20	High	26590	1905	16QAM	17.873	19.279	PASS
B25	20	High	26590	1905	64QAM	17.877	19.353	PASS
B25	20	High	26590	1905	256QAM	17.900	19.326	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	1.1014	1.3501	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.1104	1.3615	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.1050	1.3564	PASS
B26 Part22	1.4	Low	26797	824.7	256QAM	1.1060	1.3203	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.1049	1.3700	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.1123	1.3884	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.1037	1.3516	PASS
B26 Part22	1.4	Mid	26915	836.5	256QAM	1.1053	1.3538	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.1039	1.3512	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.1154	1.3857	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.1007	1.3629	PASS
B26 Part22	1.4	High	27033	848.3	256QAM	1.1019	1.3572	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.7071	3.0906	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7051	3.0752	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7081	3.0779	PASS
B26 Part22	3	Low	26805	825.5	256QAM	2.7062	3.0650	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.7095	3.1108	PASS
B26	3	Mid	26915	836.5	16QAM	2.7017	3.0631	PASS



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Part22								
B26 Part22	3	Mid	26915	836.5	64QAM	2.7045	3.0584	PASS
B26 Part22	3	Mid	26915	836.5	256QAM	2.7042	3.0489	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.7040	3.0786	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.7092	3.0791	PASS
B26 Part22	3	High	27025	847.5	64QAM	2.7101	3.0587	PASS
B26 Part22	3	High	27025	847.5	256QAM	2.7116	3.0360	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.4857	4.9898	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4765	4.9297	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4827	5.0121	PASS
B26 Part22	5	Low	26815	826.5	256QAM	4.4848	4.9400	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4790	5.1185	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4734	5.0215	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4802	5.0005	PASS
B26 Part22	5	Mid	26915	836.5	256QAM	4.4673	5.0476	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4804	5.0589	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4725	4.9921	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4803	4.9843	PASS
B26 Part22	5	High	27015	846.5	256QAM	4.4702	4.9471	PASS
B26	10	Low	26840	829	QPSK	8.9547	9.9499	PASS



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Part22								
B26 Part22	10	Low	26840	829	16QAM	8.9603	9.9558	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9488	9.8339	PASS
B26 Part22	10	Low	26840	829	256QAM	8.9503	9.7726	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9330	9.7678	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9545	9.8308	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9566	9.8843	PASS
B26 Part22	10	Mid	26915	836.5	256QAM	8.9523	9.6775	PASS
B26 Part22	10	High	26990	844	QPSK	8.9645	9.8121	PASS
B26 Part22	10	High	26990	844	16QAM	8.9373	9.8118	PASS
B26 Part22	10	High	26990	844	64QAM	8.9692	9.7608	PASS
B26 Part22	10	High	26990	844	256QAM	8.9450	9.8288	PASS
B26 Part22	15	Low	26865	831.5	QPSK	13.436	14.598	PASS
B26 Part22	15	Low	26865	831.5	16QAM	13.416	14.749	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.456	14.500	PASS
B26 Part22	15	Low	26865	831.5	256QAM	13.443	14.576	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.422	14.591	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.435	14.633	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.419	14.661	PASS
B26	15	Mid	26915	836.5	256QAM	13.449	14.650	PASS



Part22								
B26 Part22	15	High	26965	841.5	QPSK	13.409	14.731	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.395	14.569	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.430	14.661	PASS
B26 Part22	15	High	26965	841.5	256QAM	13.444	14.537	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B30	5	Low	27685	2307.5	QPSK	4.4679	4.9897	PASS
B30	5	Low	27685	2307.5	16QAM	4.4760	5.0290	PASS
B30	5	Low	27685	2307.5	64QAM	4.4811	5.0113	PASS
B30	5	Low	27685	2307.5	256QAM	4.4635	4.9934	PASS
B30	5	Mid	27710	2310	QPSK	4.4751	5.0341	PASS
B30	5	Mid	27710	2310	16QAM	4.4743	5.0203	PASS
B30	5	Mid	27710	2310	64QAM	4.4876	4.9587	PASS
B30	5	Mid	27710	2310	256QAM	4.4707	4.9869	PASS
B30	5	High	27735	2312.5	QPSK	4.4886	4.9273	PASS
B30	5	High	27735	2312.5	16QAM	4.4805	5.0009	PASS
B30	5	High	27735	2312.5	64QAM	4.4816	4.9588	PASS
B30	5	High	27735	2312.5	256QAM	4.4706	4.9956	PASS
B30	10	Mid	27710	2310	QPSK	8.9564	9.9253	PASS
B30	10	Mid	27710	2310	16QAM	8.9523	9.8861	PASS
B30	10	Mid	27710	2310	64QAM	8.9509	9.8430	PASS
B30	10	Mid	27710	2310	256QAM	8.9458	9.7335	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	4.4688	4.9251	PASS
B38	5	Low	37775	2572.5	16QAM	4.4820	4.9510	PASS
B38	5	Low	37775	2572.5	64QAM	4.4783	4.9715	PASS
B38	5	Low	37775	2572.5	256QAM	4.4831	4.9752	PASS
B38	5	Mid	38000	2595	QPSK	4.4851	5.1732	PASS
B38	5	Mid	38000	2595	16QAM	4.4828	4.9801	PASS
B38	5	Mid	38000	2595	64QAM	4.4830	5.0507	PASS
B38	5	Mid	38000	2595	256QAM	4.4834	4.9962	PASS
B38	5	High	38225	2617.5	QPSK	4.4840	4.9831	PASS
B38	5	High	38225	2617.5	16QAM	4.4707	5.0355	PASS
B38	5	High	38225	2617.5	64QAM	4.4845	4.9668	PASS
B38	5	High	38225	2617.5	256QAM	4.4939	5.0301	PASS
B38	10	Low	37800	2575	QPSK	8.9454	9.7356	PASS
B38	10	Low	37800	2575	16QAM	8.9384	9.9451	PASS
B38	10	Low	37800	2575	64QAM	8.9421	9.7423	PASS
B38	10	Low	37800	2575	256QAM	8.9696	9.7036	PASS
B38	10	Mid	38000	2595	QPSK	8.9307	9.8155	PASS
B38	10	Mid	38000	2595	16QAM	8.9715	9.7011	PASS
B38	10	Mid	38000	2595	64QAM	8.9521	9.9251	PASS
B38	10	Mid	38000	2595	256QAM	8.9619	9.7303	PASS
B38	10	High	38200	2615	QPSK	8.9557	9.8817	PASS
B38	10	High	38200	2615	16QAM	8.9394	9.9531	PASS
B38	10	High	38200	2615	64QAM	8.9388	9.6927	PASS
B38	10	High	38200	2615	256QAM	8.9699	9.8977	PASS
B38	15	Low	37825	2577.5	QPSK	13.394	14.359	PASS
B38	15	Low	37825	2577.5	16QAM	13.416	14.750	PASS
B38	15	Low	37825	2577.5	64QAM	13.423	14.475	PASS
B38	15	Low	37825	2577.5	256QAM	13.418	14.610	PASS
B38	15	Mid	38000	2595	QPSK	13.417	14.523	PASS
B38	15	Mid	38000	2595	16QAM	13.429	14.664	PASS
B38	15	Mid	38000	2595	64QAM	13.410	14.515	PASS
B38	15	Mid	38000	2595	256QAM	13.470	14.506	PASS
B38	15	High	38175	2612.5	QPSK	13.406	14.575	PASS
B38	15	High	38175	2612.5	16QAM	13.453	14.571	PASS
B38	15	High	38175	2612.5	64QAM	13.416	14.733	PASS



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B38	15	High	38175	2612.5	256QAM	13.463	14.616	PASS
B38	20	Low	37850	2580	QPSK	17.901	19.292	PASS
B38	20	Low	37850	2580	16QAM	17.855	19.670	PASS
B38	20	Low	37850	2580	64QAM	17.878	19.338	PASS
B38	20	Low	37850	2580	256QAM	17.906	19.330	PASS
B38	20	Mid	38000	2595	QPSK	17.861	19.302	PASS
B38	20	Mid	38000	2595	16QAM	17.862	19.333	PASS
B38	20	Mid	38000	2595	64QAM	17.907	19.280	PASS
B38	20	Mid	38000	2595	256QAM	17.889	19.211	PASS
B38	20	High	38150	2610	QPSK	17.918	19.243	PASS
B38	20	High	38150	2610	16QAM	17.915	19.384	PASS
B38	20	High	38150	2610	64QAM	17.867	19.328	PASS
B38	20	High	38150	2610	256QAM	17.883	19.269	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	4.4767	4.9852	PASS
B41	5	Low	39675	2498.5	16QAM	4.4764	5.0410	PASS
B41	5	Low	39675	2498.5	64QAM	4.4715	4.9132	PASS
B41	5	Low	39675	2498.5	256QAM	4.4762	4.9664	PASS
B41	5	Mid	40620	2593	QPSK	4.4685	4.9926	PASS
B41	5	Mid	40620	2593	16QAM	4.4744	5.0647	PASS
B41	5	Mid	40620	2593	64QAM	4.4734	4.9718	PASS
B41	5	Mid	40620	2593	256QAM	4.4871	4.9151	PASS
B41	5	High	41565	2687.5	QPSK	4.4881	5.1225	PASS
B41	5	High	41565	2687.5	16QAM	4.4778	4.9601	PASS
B41	5	High	41565	2687.5	64QAM	4.4794	5.0268	PASS
B41	5	High	41565	2687.5	256QAM	4.4755	5.0167	PASS
B41	10	Low	39700	2501	QPSK	8.9403	9.9462	PASS
B41	10	Low	39700	2501	16QAM	8.9462	9.7183	PASS
B41	10	Low	39700	2501	64QAM	8.9545	9.8422	PASS
B41	10	Low	39700	2501	256QAM	8.9455	9.7672	PASS
B41	10	Mid	40620	2593	QPSK	8.9656	9.8167	PASS
B41	10	Mid	40620	2593	16QAM	8.9474	9.7502	PASS
B41	10	Mid	40620	2593	64QAM	8.9414	10.1969	PASS
B41	10	Mid	40620	2593	256QAM	8.9507	9.7846	PASS
B41	10	High	41540	2685	QPSK	8.9477	9.8424	PASS
B41	10	High	41540	2685	16QAM	8.9559	9.8091	PASS
B41	10	High	41540	2685	64QAM	8.9488	9.7930	PASS
B41	10	High	41540	2685	256QAM	8.9520	9.8510	PASS
B41	15	Low	39725	2503.5	QPSK	13.404	14.528	PASS
B41	15	Low	39725	2503.5	16QAM	13.424	14.578	PASS
B41	15	Low	39725	2503.5	64QAM	13.406	14.449	PASS
B41	15	Low	39725	2503.5	256QAM	13.428	14.944	PASS
B41	15	Mid	40620	2593	QPSK	13.410	14.540	PASS
B41	15	Mid	40620	2593	16QAM	13.397	14.826	PASS
B41	15	Mid	40620	2593	64QAM	13.415	14.831	PASS
B41	15	Mid	40620	2593	256QAM	13.427	14.582	PASS
B41	15	High	41515	2682.5	QPSK	13.402	14.353	PASS
B41	15	High	41515	2682.5	16QAM	13.414	14.905	PASS
B41	15	High	41515	2682.5	64QAM	13.431	14.624	PASS



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B41	15	High	41515	2682.5	256QAM	13.418	14.569	PASS
B41	20	Low	39750	2506	QPSK	17.900	19.153	PASS
B41	20	Low	39750	2506	16QAM	17.849	19.371	PASS
B41	20	Low	39750	2506	64QAM	17.885	19.363	PASS
B41	20	Low	39750	2506	256QAM	17.891	19.401	PASS
B41	20	Mid	40620	2593	QPSK	17.835	19.182	PASS
B41	20	Mid	40620	2593	16QAM	17.884	19.268	PASS
B41	20	Mid	40620	2593	64QAM	17.910	19.203	PASS
B41	20	Mid	40620	2593	256QAM	17.883	19.392	PASS
B41	20	High	41490	2680	QPSK	17.889	19.530	PASS
B41	20	High	41490	2680	16QAM	17.860	19.173	PASS
B41	20	High	41490	2680	64QAM	17.898	19.672	PASS
B41	20	High	41490	2680	256QAM	17.893	19.358	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.1077	1.3805	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1142	1.4387	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1031	1.5203	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.1007	1.3703	PASS
B66	1.4	Mid	132322	1745	QPSK	1.1011	1.3281	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1152	1.4517	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1046	1.3639	PASS
B66	1.4	Mid	132322	1745	256QAM	1.1020	1.3304	PASS
B66	1.4	High	132665	1779.3	QPSK	1.1044	1.3879	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1079	1.4876	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1028	1.3658	PASS
B66	1.4	High	132665	1779.3	256QAM	1.1009	1.3520	PASS
B66	3	Low	131987	1711.5	QPSK	2.7093	3.1148	PASS
B66	3	Low	131987	1711.5	16QAM	2.7107	3.0455	PASS
B66	3	Low	131987	1711.5	64QAM	2.7305	3.0723	PASS
B66	3	Low	131987	1711.5	256QAM	2.7064	3.0356	PASS
B66	3	Mid	132322	1745	QPSK	2.7136	3.0616	PASS
B66	3	Mid	132322	1745	16QAM	2.7203	3.0881	PASS
B66	3	Mid	132322	1745	64QAM	2.7136	3.0662	PASS
B66	3	Mid	132322	1745	256QAM	2.7048	3.0479	PASS
B66	3	High	132657	1778.5	QPSK	2.7080	3.0812	PASS
B66	3	High	132657	1778.5	16QAM	2.7007	3.0777	PASS
B66	3	High	132657	1778.5	64QAM	2.7228	3.0621	PASS
B66	3	High	132657	1778.5	256QAM	2.7102	3.0650	PASS
B66	5	Low	131997	1712.5	QPSK	4.4875	4.9527	PASS
B66	5	Low	131997	1712.5	16QAM	4.4679	4.9477	PASS
B66	5	Low	131997	1712.5	64QAM	4.4839	4.9783	PASS
B66	5	Low	131997	1712.5	256QAM	4.4822	5.0695	PASS
B66	5	Mid	132322	1745	QPSK	4.4779	5.0070	PASS
B66	5	Mid	132322	1745	16QAM	4.4775	5.0261	PASS
B66	5	Mid	132322	1745	64QAM	4.4771	4.9586	PASS
B66	5	Mid	132322	1745	256QAM	4.4859	5.0570	PASS
B66	5	High	132647	1777.5	QPSK	4.4767	4.9975	PASS
B66	5	High	132647	1777.5	16QAM	4.4873	4.9930	PASS
B66	5	High	132647	1777.5	64QAM	4.4802	4.9582	PASS



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B66	5	High	132647	1777.5	256QAM	4.4846	4.9685	PASS
B66	10	Low	132022	1715	QPSK	8.9541	9.8325	PASS
B66	10	Low	132022	1715	16QAM	8.9322	9.7990	PASS
B66	10	Low	132022	1715	64QAM	8.9326	9.7288	PASS
B66	10	Low	132022	1715	256QAM	8.9500	9.7698	PASS
B66	10	Mid	132322	1745	QPSK	8.9496	9.8231	PASS
B66	10	Mid	132322	1745	16QAM	8.9366	9.8160	PASS
B66	10	Mid	132322	1745	64QAM	8.9471	9.7110	PASS
B66	10	Mid	132322	1745	256QAM	8.9482	9.7866	PASS
B66	10	High	132622	1775	QPSK	8.9689	9.8411	PASS
B66	10	High	132622	1775	16QAM	8.9552	9.8222	PASS
B66	10	High	132622	1775	64QAM	8.9468	9.7706	PASS
B66	10	High	132622	1775	256QAM	8.9616	9.7777	PASS
B66	15	Low	132047	1717.5	QPSK	13.404	14.733	PASS
B66	15	Low	132047	1717.5	16QAM	13.426	14.503	PASS
B66	15	Low	132047	1717.5	64QAM	13.393	14.581	PASS
B66	15	Low	132047	1717.5	256QAM	13.384	14.342	PASS
B66	15	Mid	132322	1745	QPSK	13.414	14.662	PASS
B66	15	Mid	132322	1745	16QAM	13.449	14.624	PASS
B66	15	Mid	132322	1745	64QAM	13.420	14.484	PASS
B66	15	Mid	132322	1745	256QAM	13.452	14.576	PASS
B66	15	High	132597	1772.5	QPSK	13.425	14.574	PASS
B66	15	High	132597	1772.5	16QAM	13.408	14.607	PASS
B66	15	High	132597	1772.5	64QAM	13.451	14.675	PASS
B66	15	High	132597	1772.5	256QAM	13.409	14.573	PASS
B66	20	Low	132072	1720	QPSK	17.899	19.235	PASS
B66	20	Low	132072	1720	16QAM	17.882	19.329	PASS
B66	20	Low	132072	1720	64QAM	17.891	19.310	PASS
B66	20	Low	132072	1720	256QAM	17.845	19.275	PASS
B66	20	Mid	132322	1745	QPSK	17.890	19.398	PASS
B66	20	Mid	132322	1745	16QAM	17.911	19.258	PASS
B66	20	Mid	132322	1745	64QAM	17.912	19.446	PASS
B66	20	Mid	132322	1745	256QAM	17.896	19.302	PASS
B66	20	High	132572	1770	QPSK	17.919	19.341	PASS
B66	20	High	132572	1770	16QAM	17.880	19.200	PASS
B66	20	High	132572	1770	64QAM	17.882	19.361	PASS
B66	20	High	132572	1770	256QAM	17.915	19.411	PASS

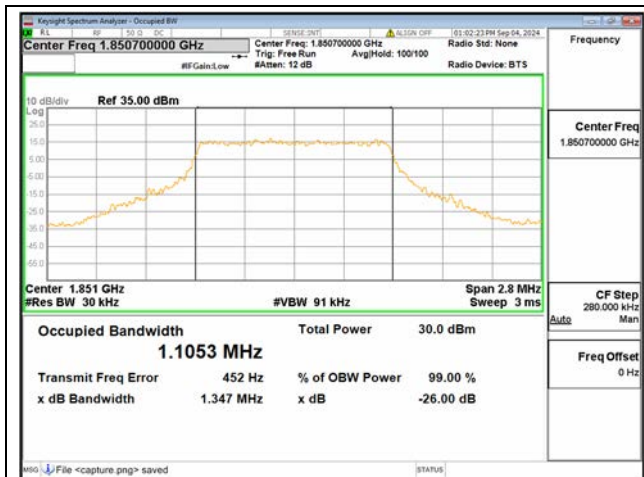


LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.4736	4.9326	PASS
B71	5	Low	133147	665.5	16QAM	4.4768	4.9706	PASS
B71	5	Low	133147	665.5	64QAM	4.4794	5.0646	PASS
B71	5	Low	133147	665.5	256QAM	4.4757	4.9168	PASS
B71	5	Mid	133297	680.5	QPSK	4.4772	4.9697	PASS
B71	5	Mid	133297	680.5	16QAM	4.4774	4.9840	PASS
B71	5	Mid	133297	680.5	64QAM	4.4695	4.9489	PASS
B71	5	Mid	133297	680.5	256QAM	4.4734	5.0136	PASS
B71	5	High	133447	695.5	QPSK	4.4820	5.0060	PASS
B71	5	High	133447	695.5	16QAM	4.4775	4.9701	PASS
B71	5	High	133447	695.5	64QAM	4.4806	5.0413	PASS
B71	5	High	133447	695.5	256QAM	4.4809	4.9832	PASS
B71	10	Low	133172	668	QPSK	8.9325	9.9023	PASS
B71	10	Low	133172	668	16QAM	8.9248	9.7156	PASS
B71	10	Low	133172	668	64QAM	8.9283	9.8299	PASS
B71	10	Low	133172	668	256QAM	8.9181	9.7863	PASS
B71	10	Mid	133297	680.5	QPSK	8.9647	9.8127	PASS
B71	10	Mid	133297	680.5	16QAM	8.9508	9.8057	PASS
B71	10	Mid	133297	680.5	64QAM	8.9539	9.6820	PASS
B71	10	Mid	133297	680.5	256QAM	8.9554	9.7702	PASS
B71	10	High	133422	693	QPSK	8.9507	9.7189	PASS
B71	10	High	133422	693	16QAM	8.9676	9.8141	PASS
B71	10	High	133422	693	64QAM	8.9405	9.7606	PASS
B71	10	High	133422	693	256QAM	8.9346	9.8443	PASS
B71	15	Low	133197	670.5	QPSK	13.398	14.552	PASS
B71	15	Low	133197	670.5	16QAM	13.370	14.403	PASS
B71	15	Low	133197	670.5	64QAM	13.382	14.550	PASS
B71	15	Low	133197	670.5	256QAM	13.399	14.470	PASS
B71	15	Mid	133297	680.5	QPSK	13.417	14.742	PASS
B71	15	Mid	133297	680.5	16QAM	13.403	14.553	PASS
B71	15	Mid	133297	680.5	64QAM	13.406	14.531	PASS
B71	15	Mid	133297	680.5	256QAM	13.403	14.455	PASS
B71	15	High	133397	690.5	QPSK	13.424	14.827	PASS
B71	15	High	133397	690.5	16QAM	13.438	14.513	PASS
B71	15	High	133397	690.5	64QAM	13.413	14.568	PASS

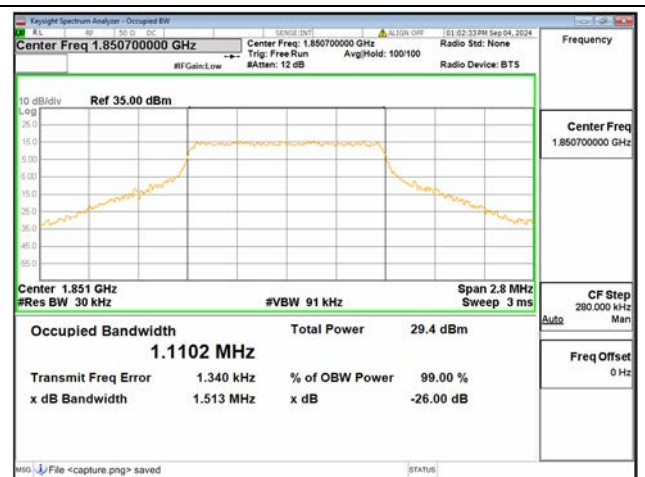


REPORT No.: SZ24070315W08

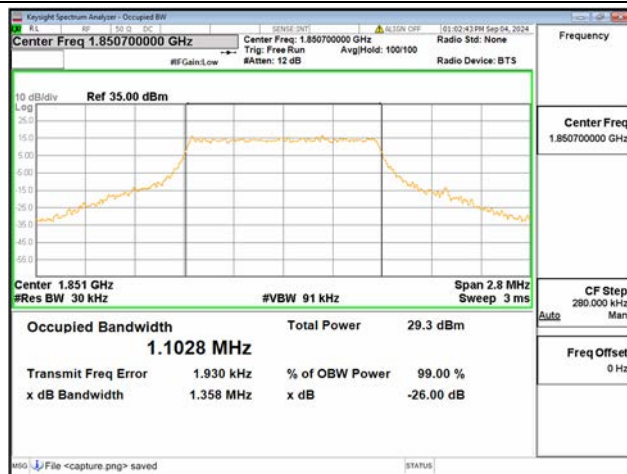
B71	15	High	133397	690.5	256QAM	13.409	14.529	PASS
B71	20	Low	133222	673	QPSK	17.851	19.240	PASS
B71	20	Low	133222	673	16QAM	17.891	19.322	PASS
B71	20	Low	133222	673	64QAM	17.833	19.157	PASS
B71	20	Low	133222	673	256QAM	17.849	19.270	PASS
B71	20	Mid	133322	683	QPSK	17.913	19.391	PASS
B71	20	Mid	133322	683	16QAM	17.863	19.460	PASS
B71	20	Mid	133322	683	64QAM	17.873	19.482	PASS
B71	20	Mid	133322	683	256QAM	17.868	19.501	PASS
B71	20	High	133372	688	QPSK	17.883	19.306	PASS
B71	20	High	133372	688	16QAM	17.919	19.512	PASS
B71	20	High	133372	688	64QAM	17.901	19.486	PASS
B71	20	High	133372	688	256QAM	17.866	19.281	PASS



B2 / 1.4MHz / QPSK/ Low CH



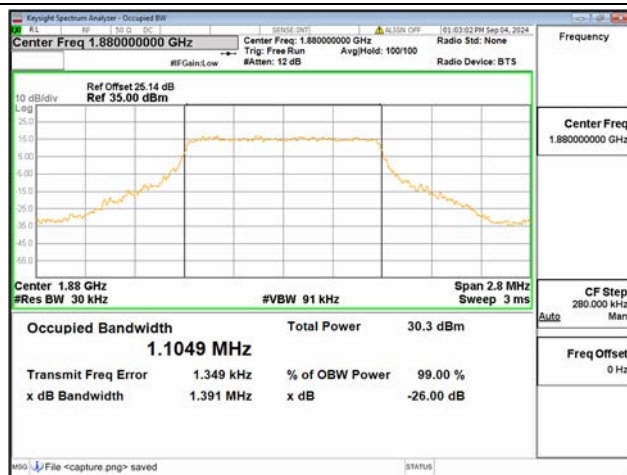
B2 / 1.4MHz / 16QAM/ Low CH



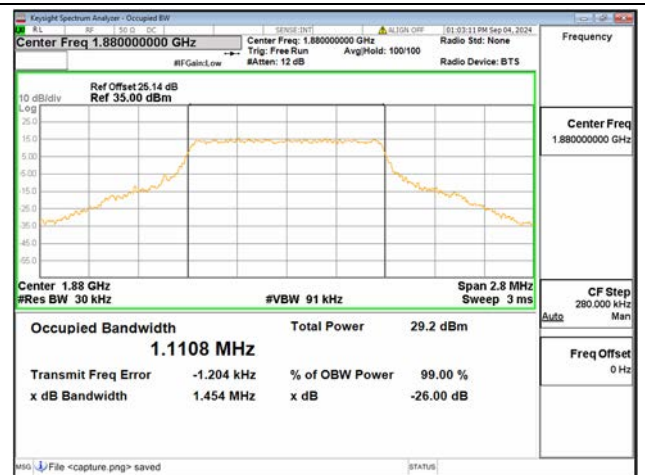
B2 / 1.4MHz / 64QAM/ Low CH



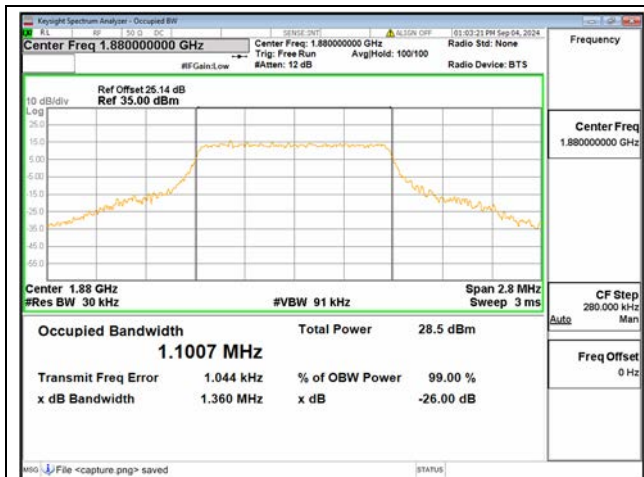
B2 / 1.4MHz / 256QAM/ Low CH



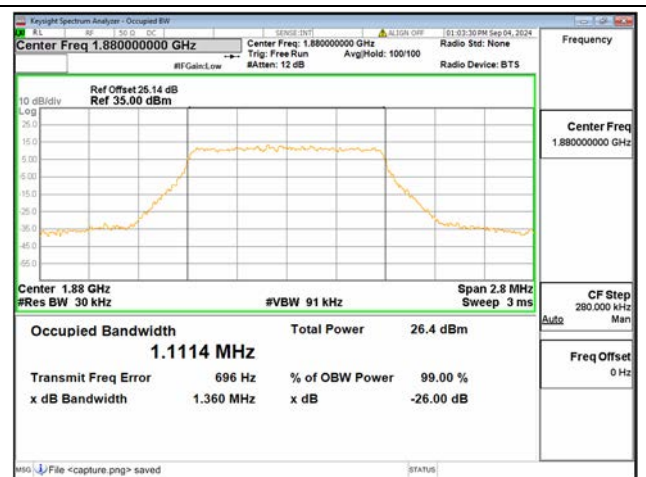
B2 / 1.4MHz / QPSK/ Mid CH



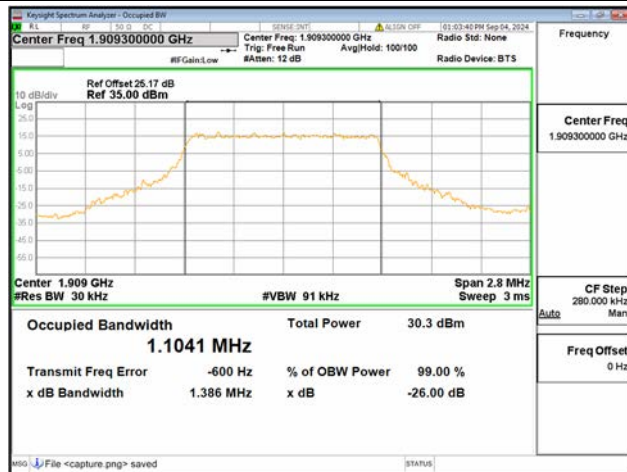
B2 / 1.4MHz / 16QAM/ Mid CH



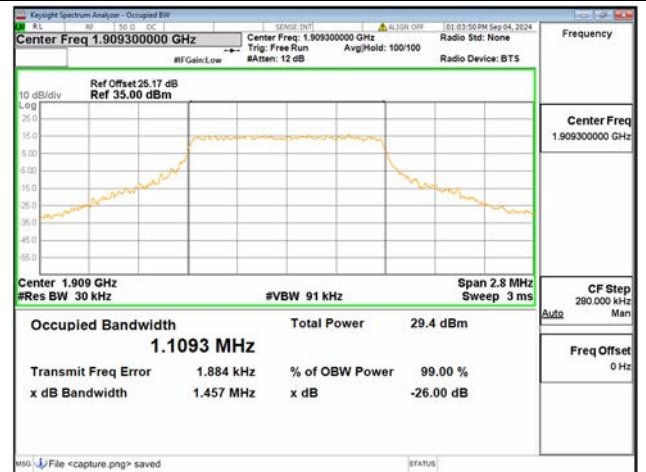
B2 / 1.4MHz / 64QAM/ Mid CH



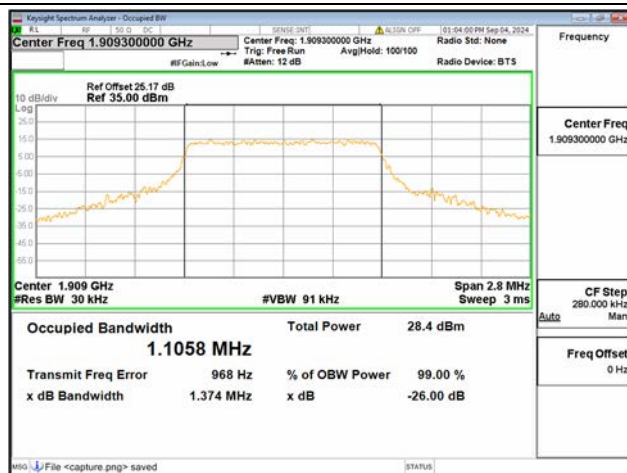
B2 / 1.4MHz / 256QAM/ Mid CH



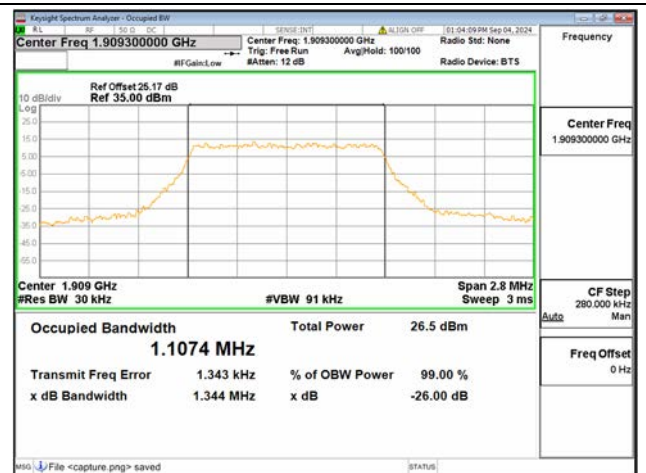
B2 / 1.4MHz / QPSK/ High CH



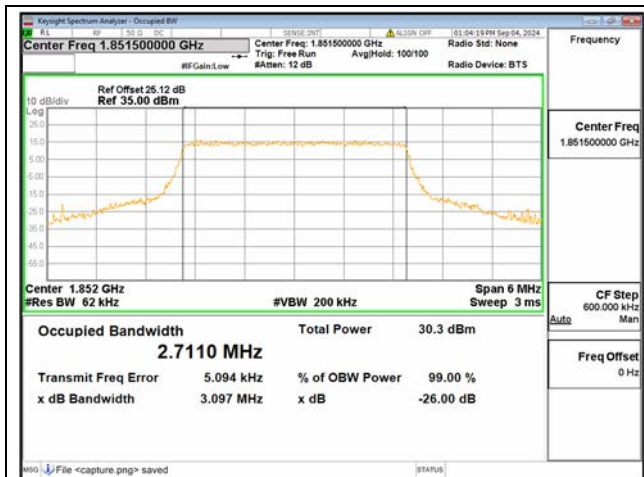
B2 / 1.4MHz / 16QAM/ High CH



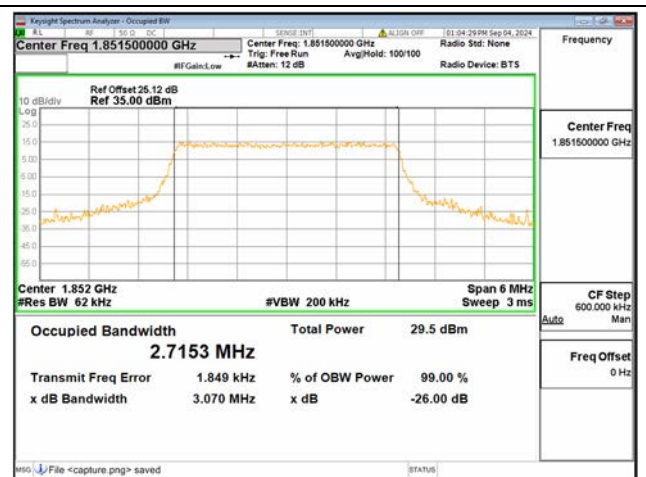
B2 / 1.4MHz / 64QAM/ High CH



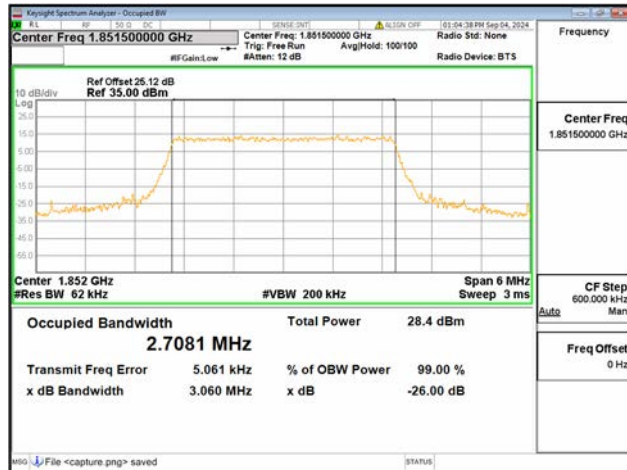
B2 / 1.4MHz / 256QAM/ High CH



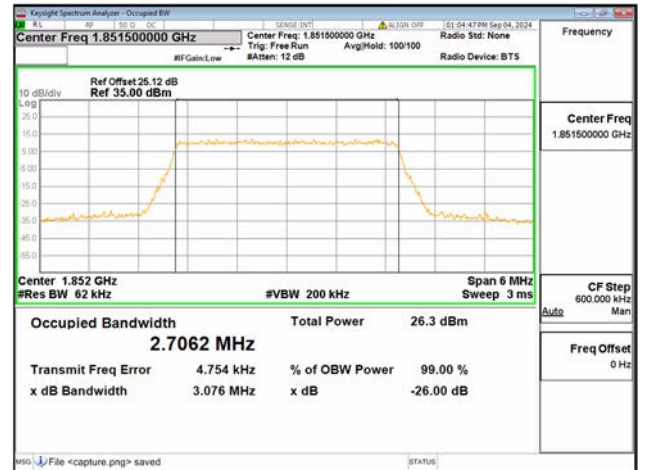
B2 / 3MHz / QPSK/ Low CH



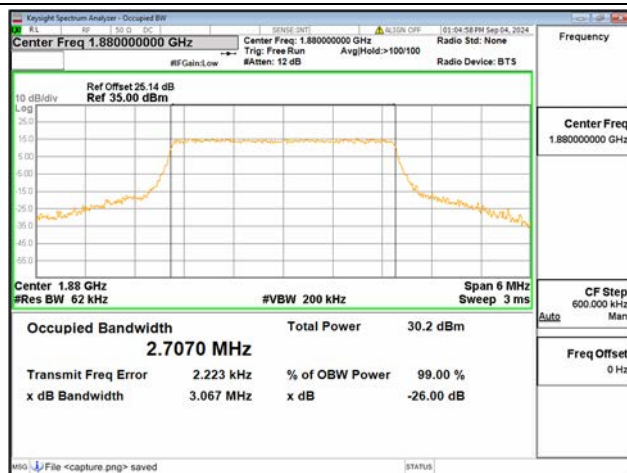
B2 / 3MHz / 16QAM/ Low CH



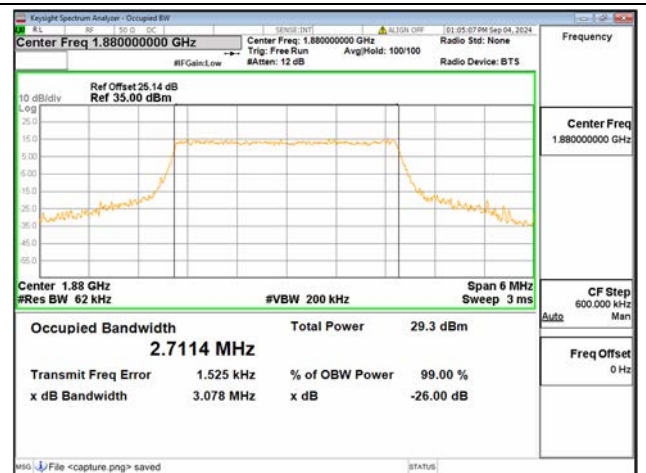
B2 / 3MHz / 64QAM/ Low CH



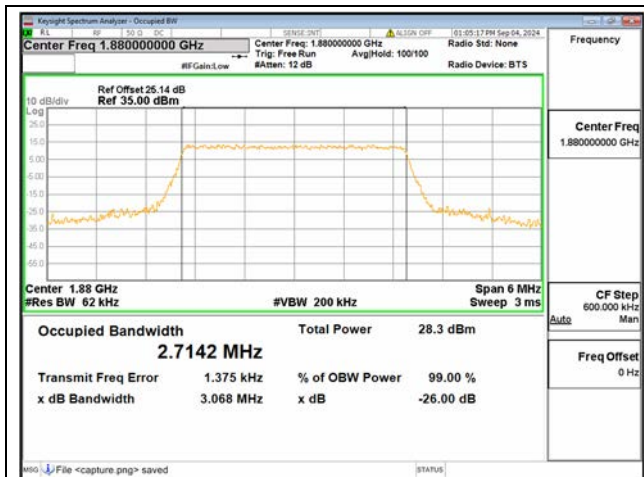
B2 / 3MHz / 256QAM/ Low CH



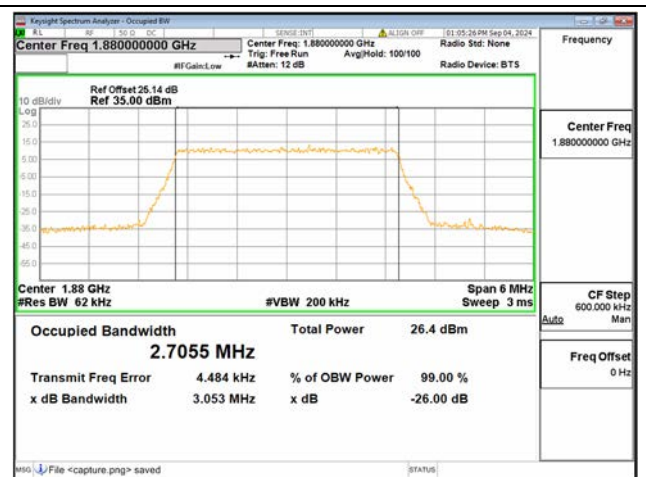
B2 / 3MHz / QPSK/ Mid CH



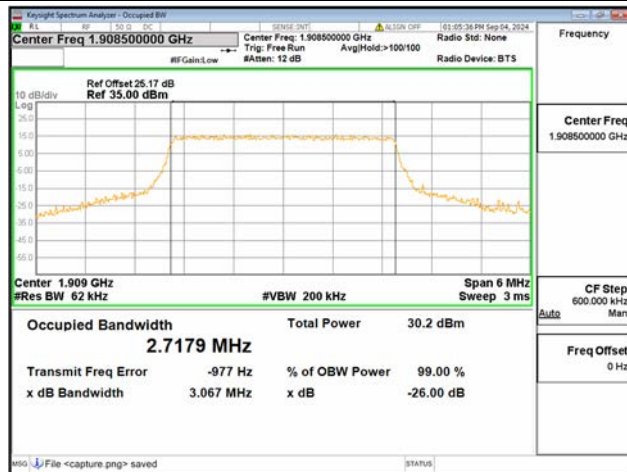
B2 / 3MHz / 16QAM/ Mid CH



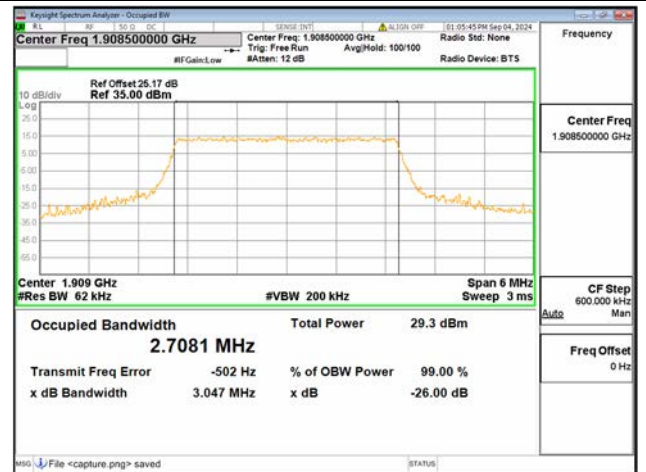
B2 / 3MHz / 64QAM/ Mid CH



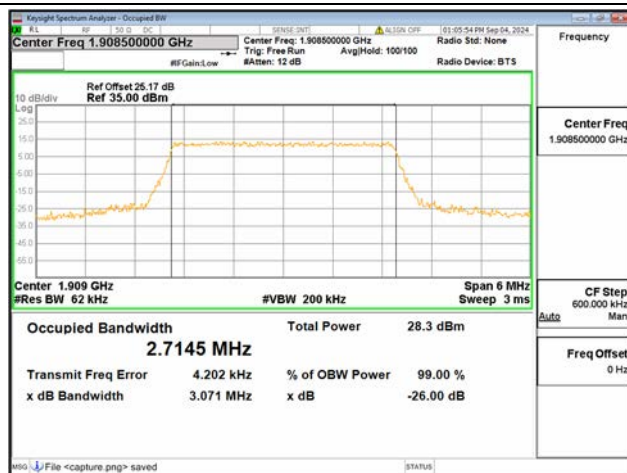
B2 / 3MHz / 256QAM/ Mid CH



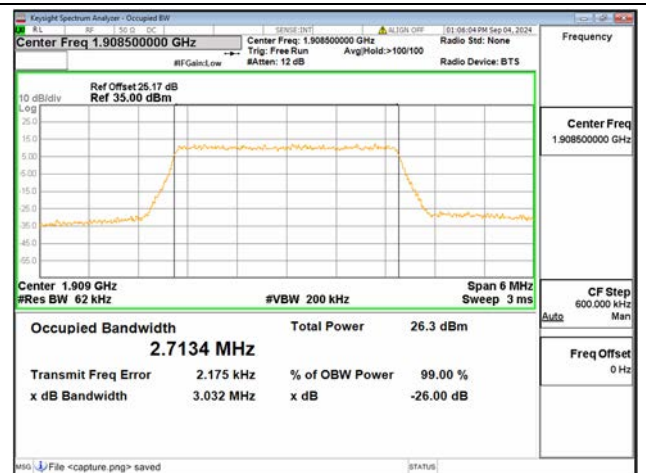
B2 / 3MHz / QPSK/ High CH



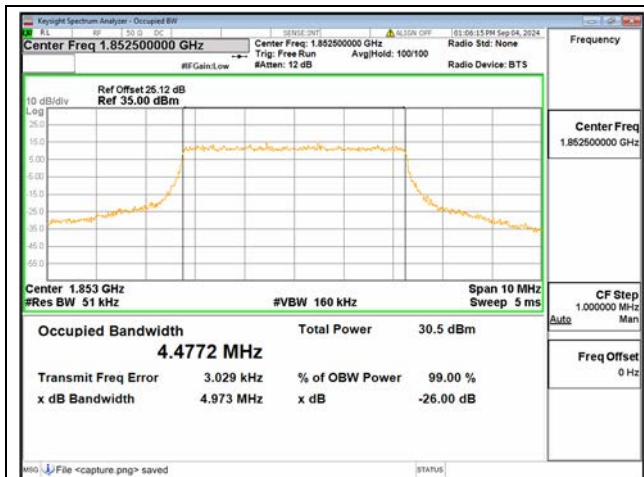
B2 / 3MHz / 16QAM/ High CH



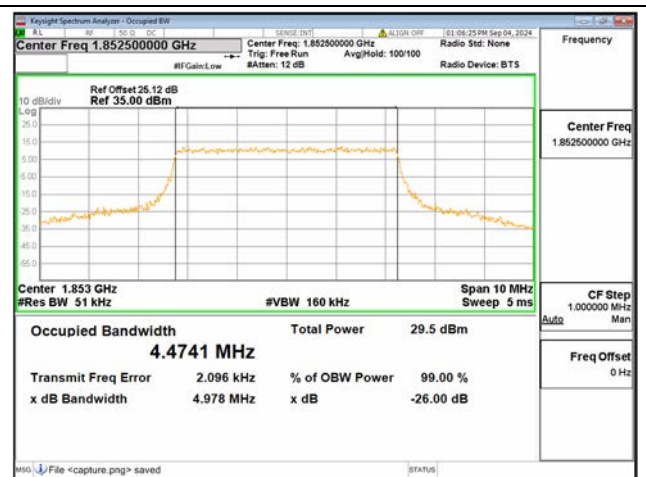
B2 / 3MHz / 64QAM/ High CH



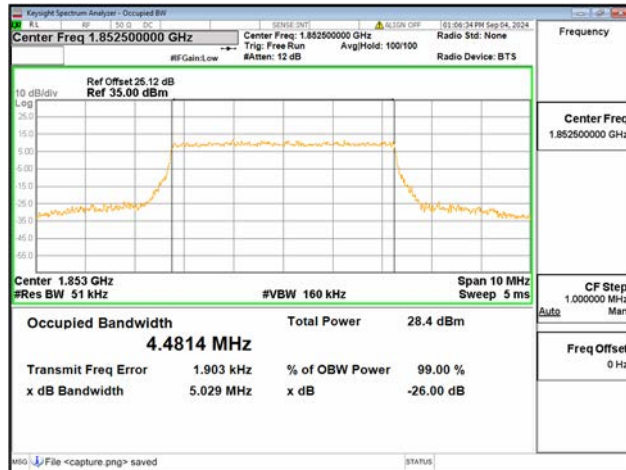
B2 / 3MHz / 256QAM/ High CH



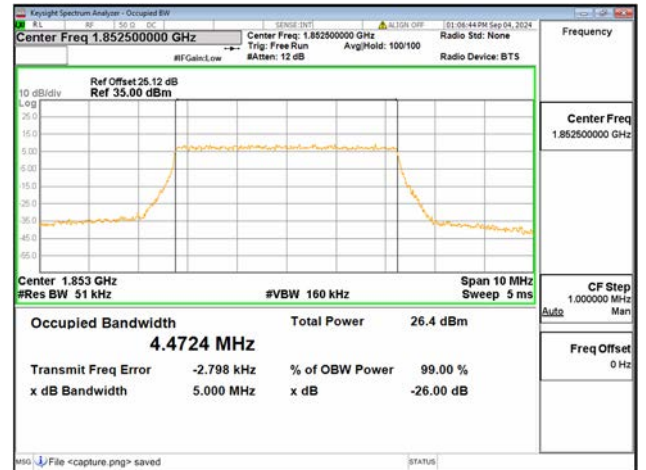
B2 / 5MHz / QPSK/ Low CH



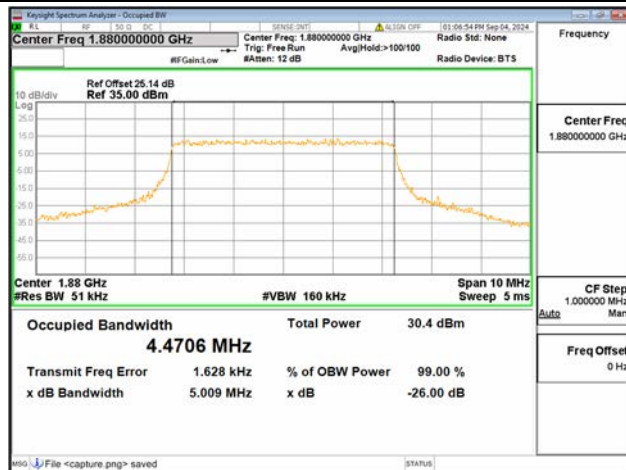
B2 / 5MHz / 16QAM/ Low CH



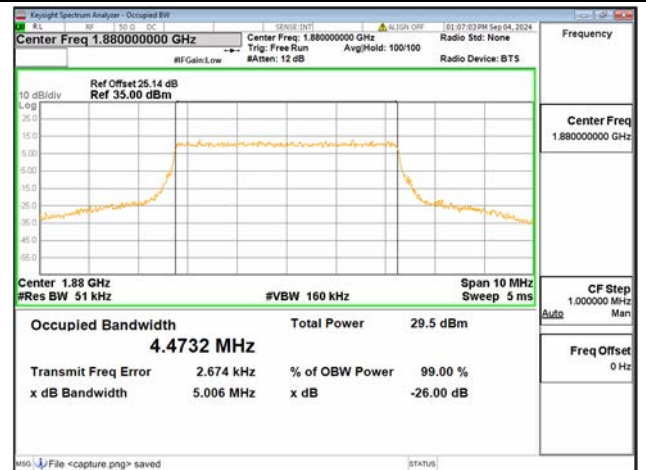
B2 / 5MHz / 64QAM/ Low CH



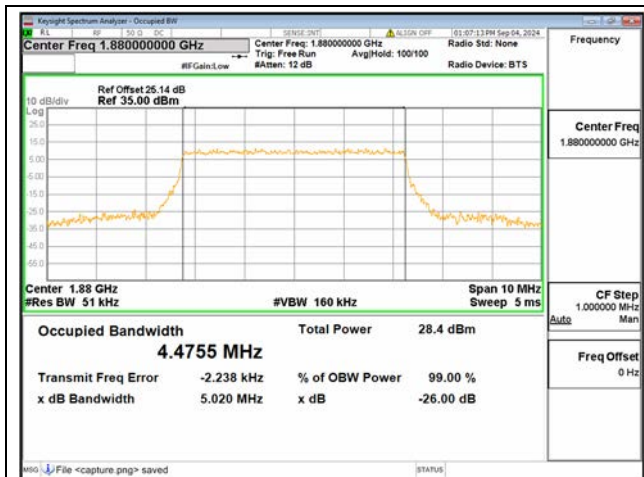
B2 / 5MHz / 256QAM/ Low CH



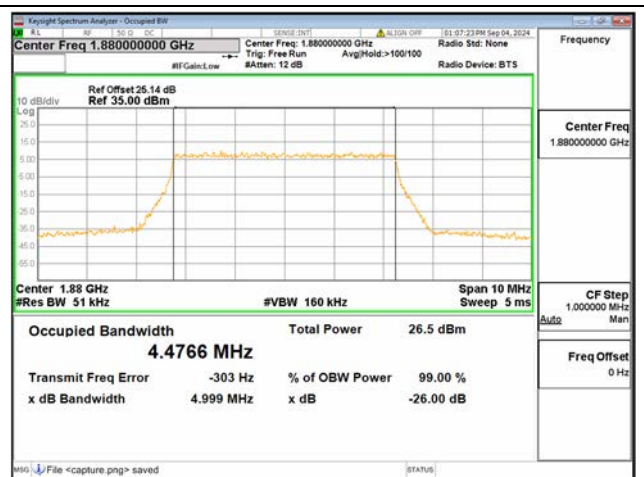
B2 / 5MHz / QPSK/ Mid CH



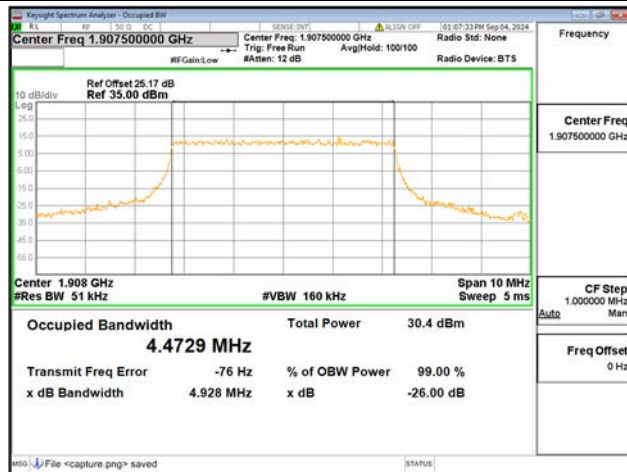
B2 / 5MHz / 16QAM/ Mid CH



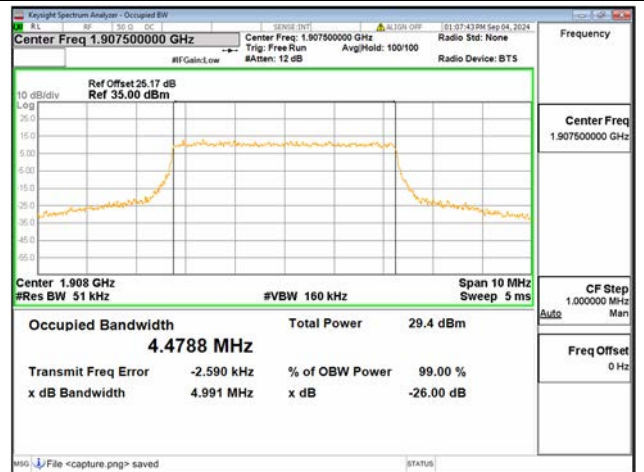
B2 / 5MHz / 64QAM/ Mid CH



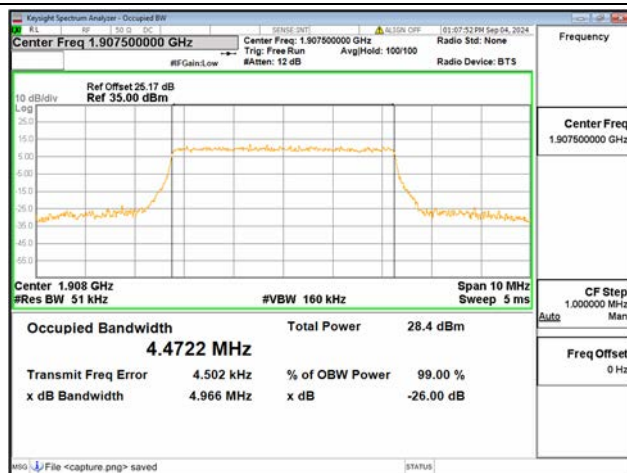
B2 / 5MHz / 256QAM/ Mid CH



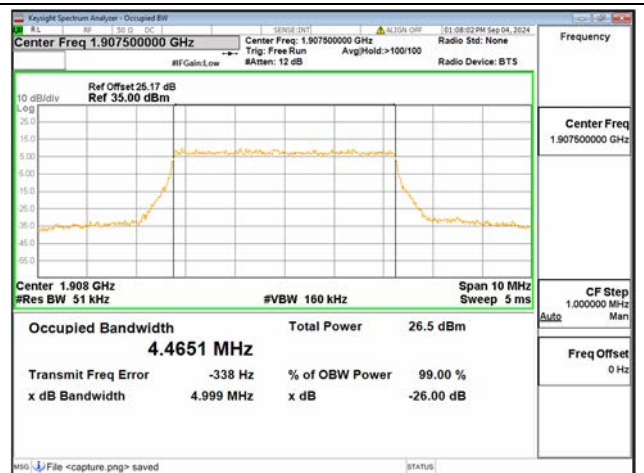
B2 / 5MHz / QPSK/ High CH



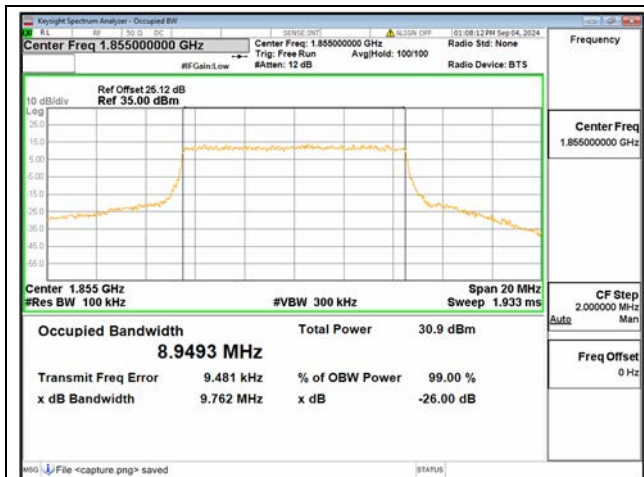
B2 / 5MHz / 16QAM/ High CH



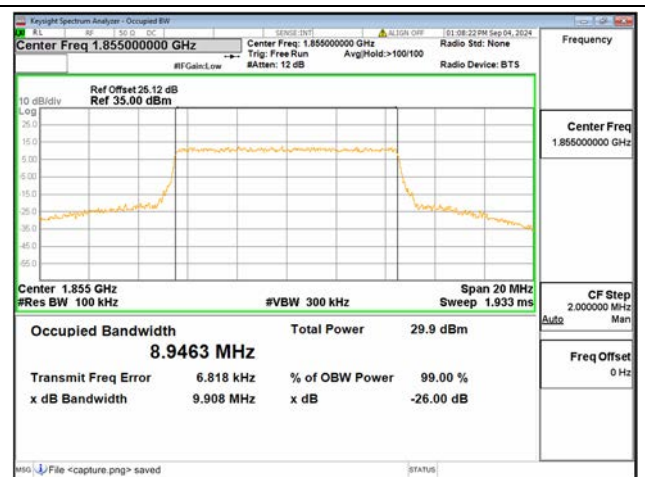
B2 / 5MHz / 64QAM/ High CH



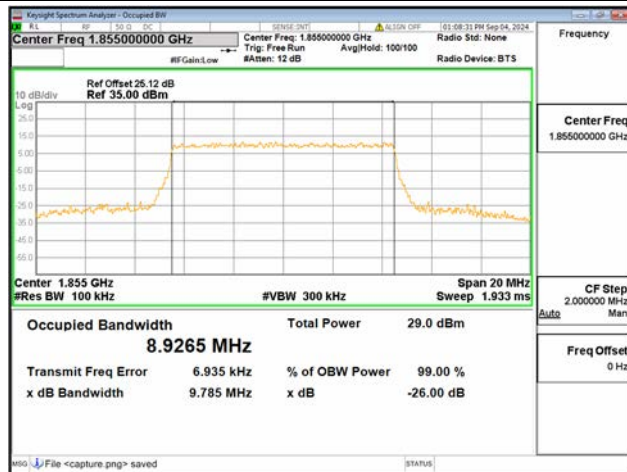
B2 / 5MHz / 256QAM/ High CH



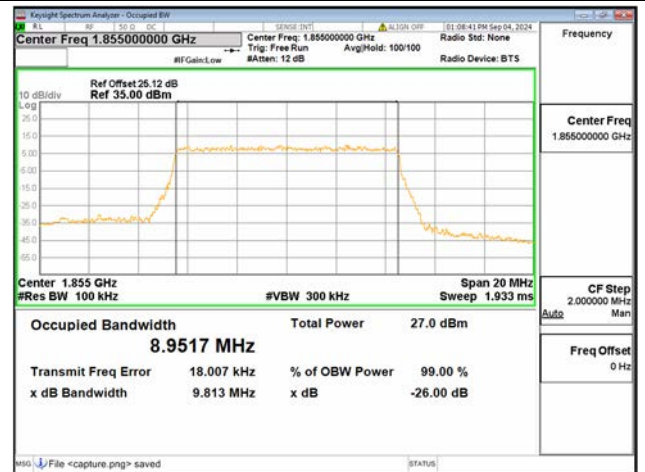
B2 / 10MHz / QPSK/ Low CH



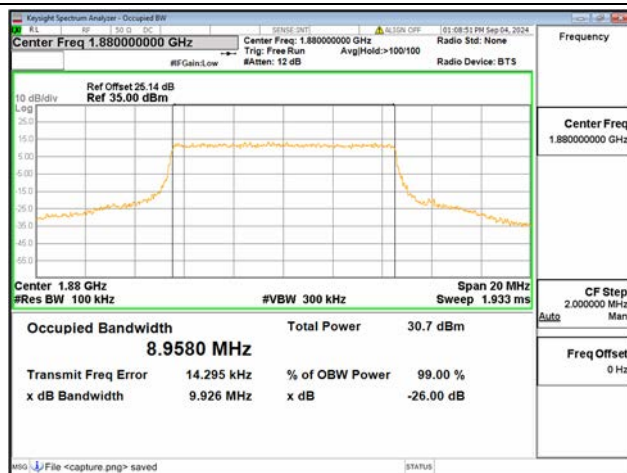
B2 / 10MHz / 16QAM/ Low CH



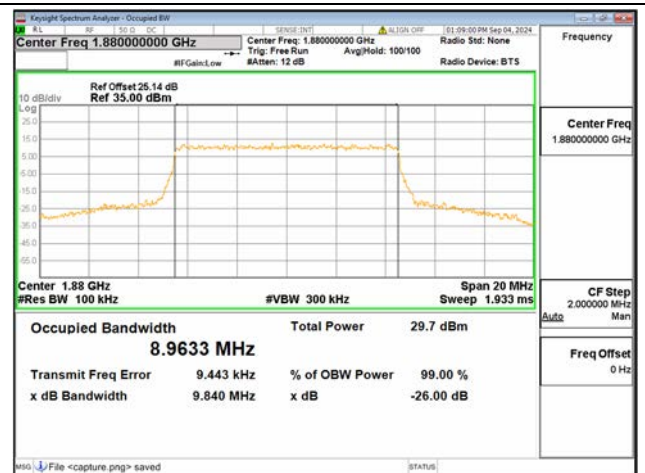
B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / 256QAM/ Low CH



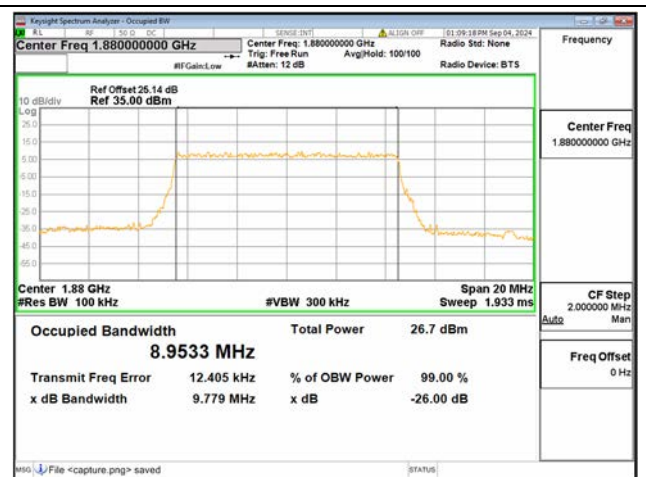
B2 / 10MHz / QPSK/ Mid CH



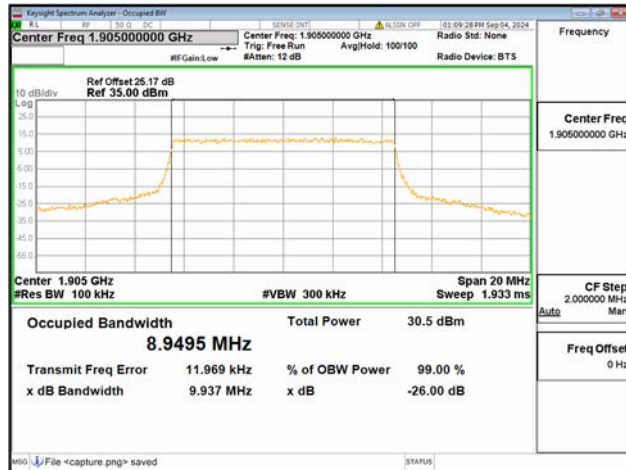
B2 / 10MHz / 16QAM/ Mid CH



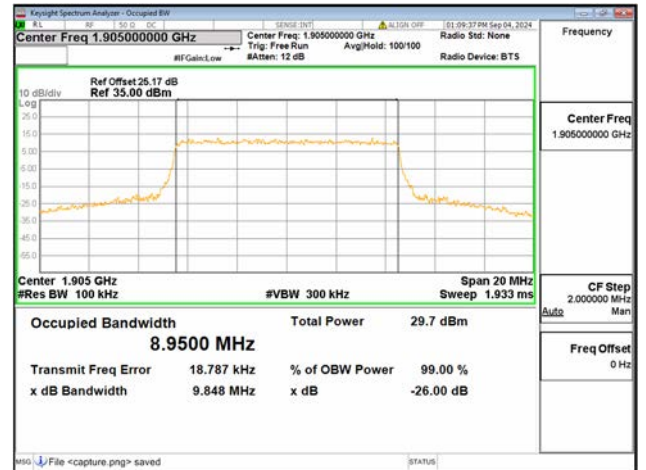
B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / 256QAM/ Mid CH



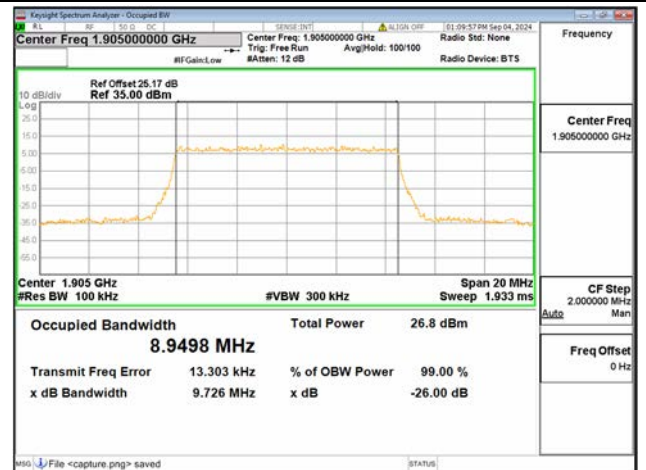
B2 / 10MHz / QPSK/ High CH



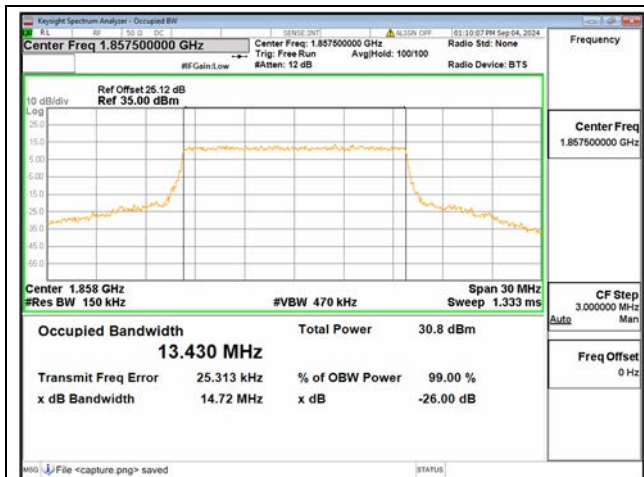
B2 / 10MHz / 16QAM/ High CH



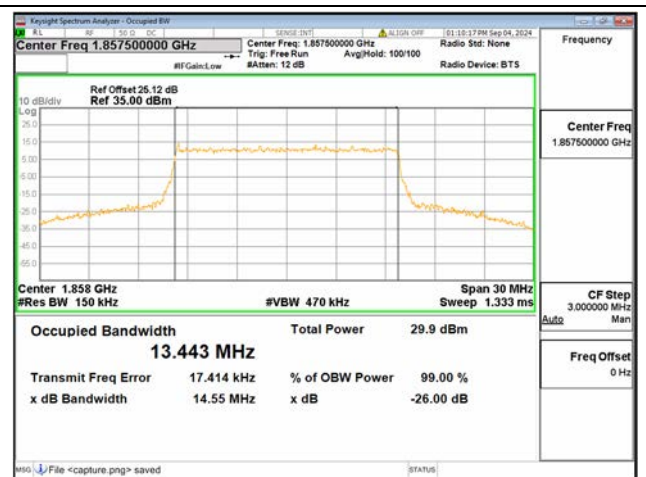
B2 / 10MHz / 64QAM/ High CH



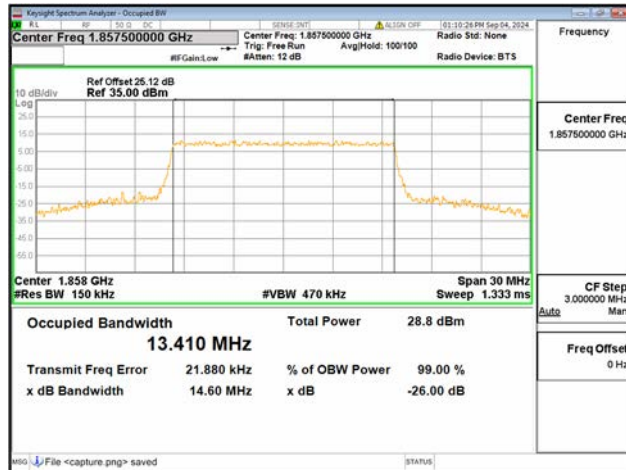
B2 / 10MHz / 256QAM/ High CH



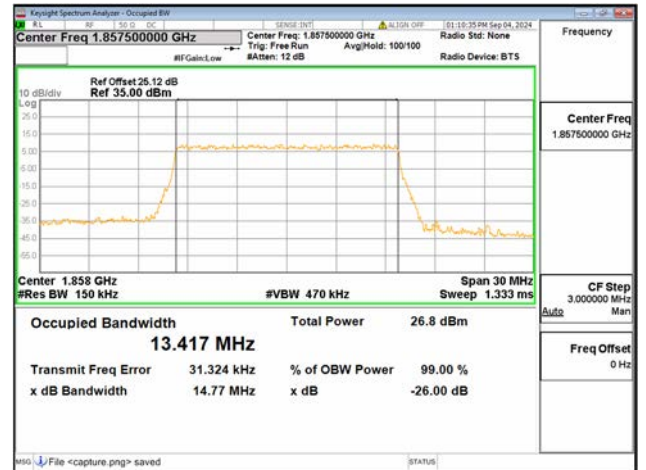
B2 / 15MHz / QPSK/ Low CH



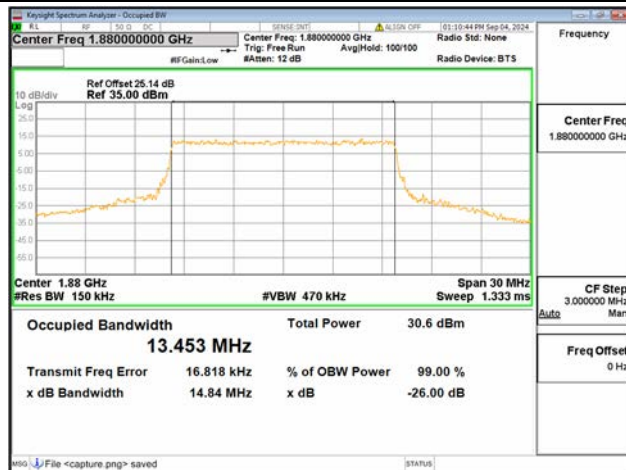
B2 / 15MHz / 16QAM/ Low CH



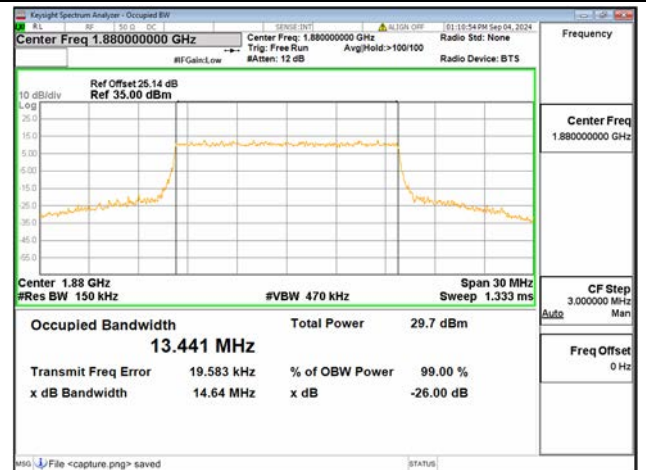
B2 / 15MHz / 64QAM/ Low CH



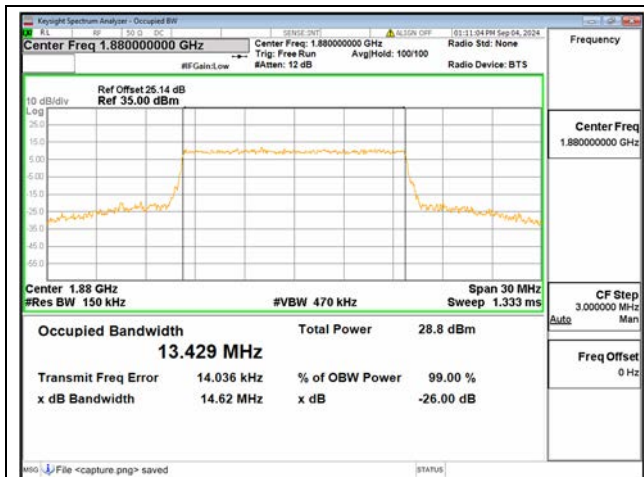
B2 / 15MHz / 256QAM/ Low CH



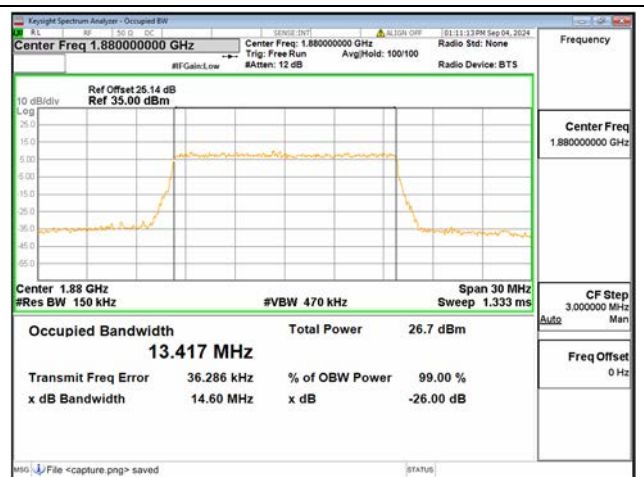
B2 / 15MHz / QPSK/ Mid CH



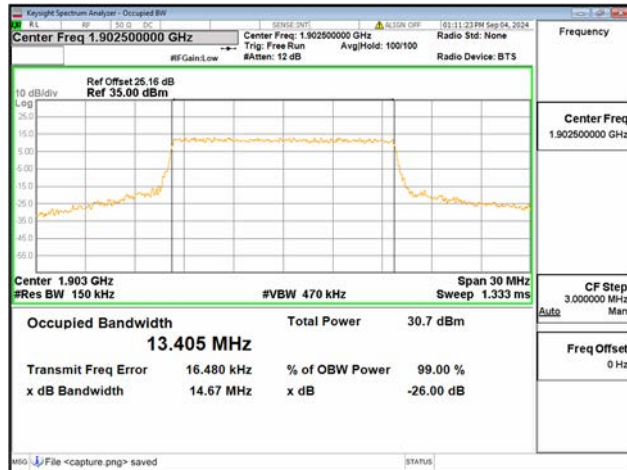
B2 / 15MHz / 16QAM/ Mid CH



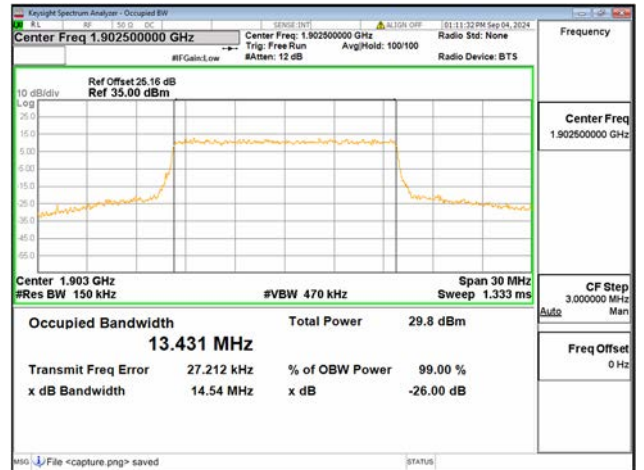
B2 / 15MHz / 64QAM/ Mid CH



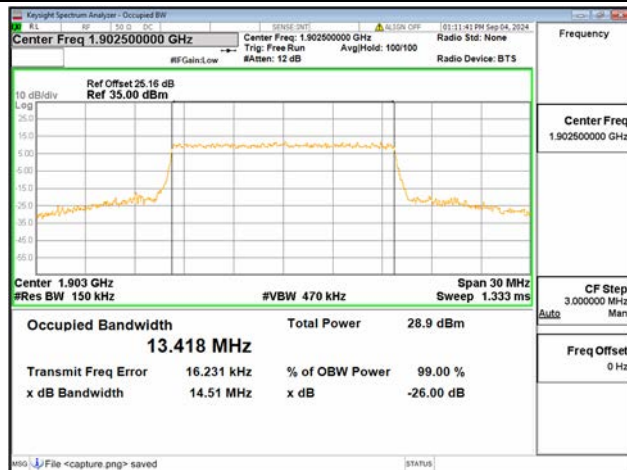
B2 / 15MHz / 256QAM/ Mid CH



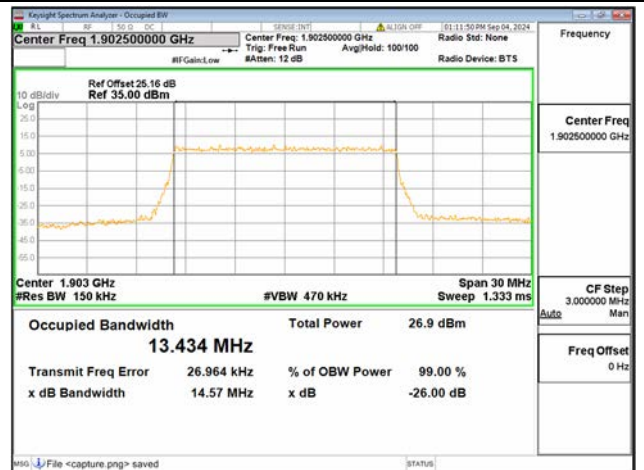
B2 / 15MHz / QPSK/ High CH



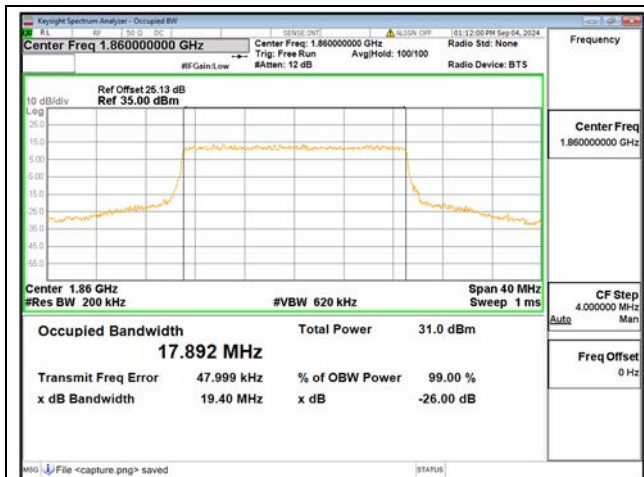
B2 / 15MHz / 16QAM/ High CH



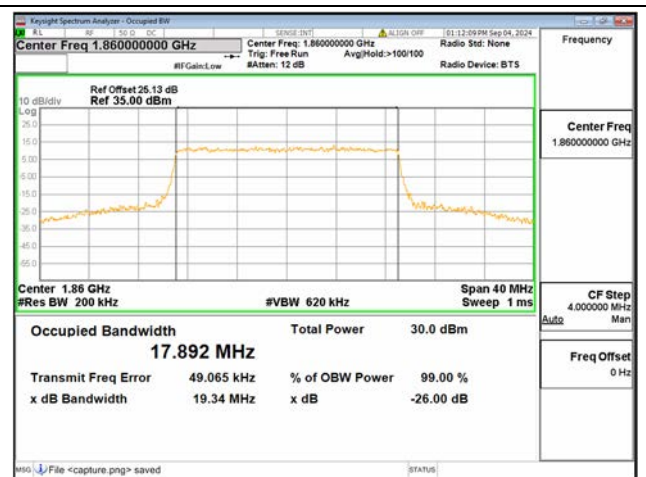
B2 / 15MHz / 64QAM/ High CH



B2 / 15MHz / 256QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



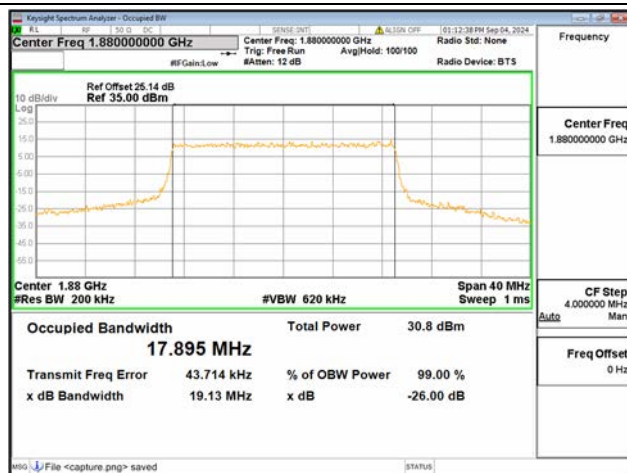
B2 / 20MHz / 16QAM/ Low CH



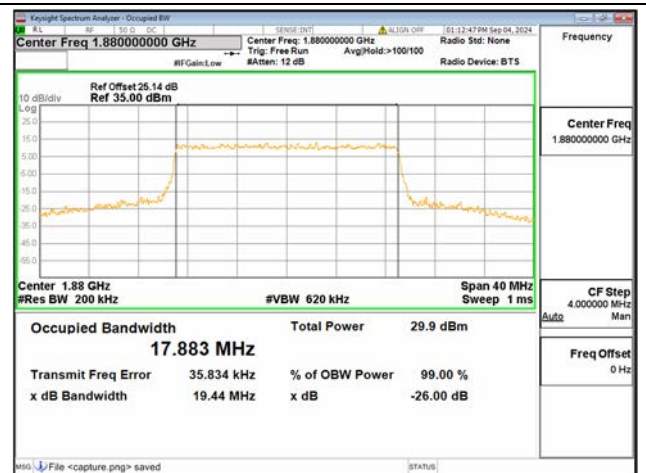
B2 / 20MHz / 64QAM/ Low CH



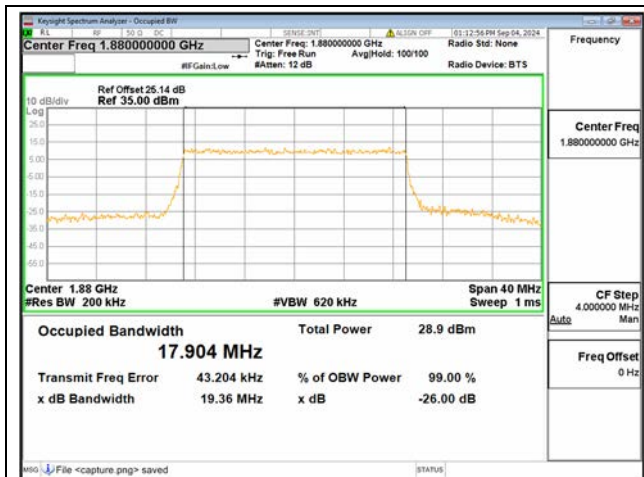
B2 / 20MHz / 256QAM/ Low CH



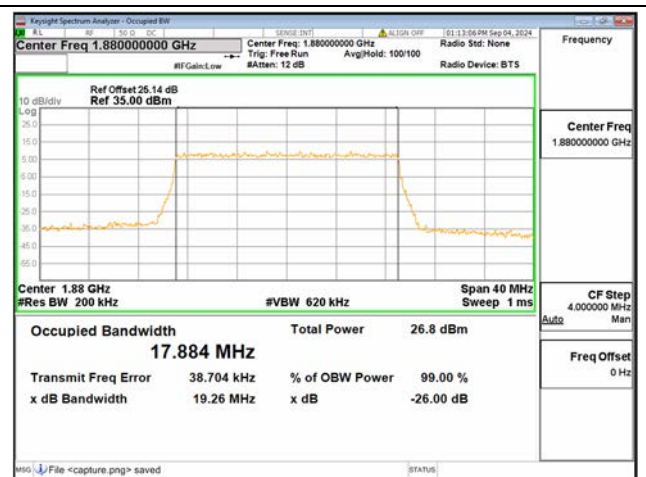
B2 / 20MHz / QPSK/ Mid CH



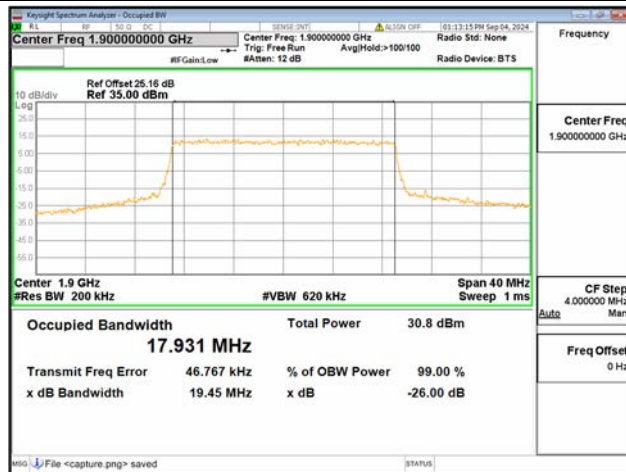
B2 / 20MHz / 16QAM/ Mid CH



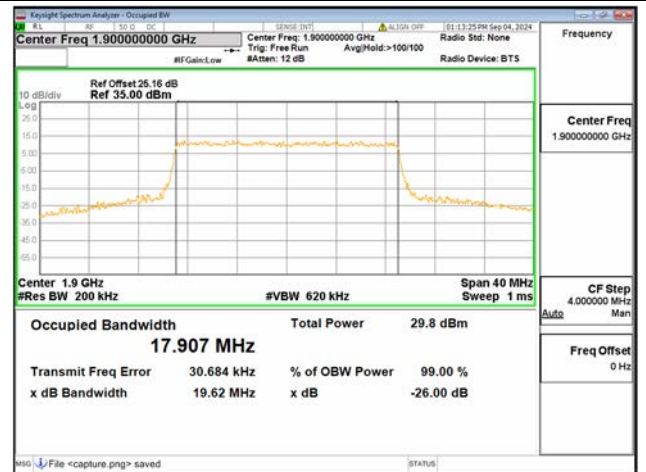
B2 / 20MHz / 64QAM/ Mid CH



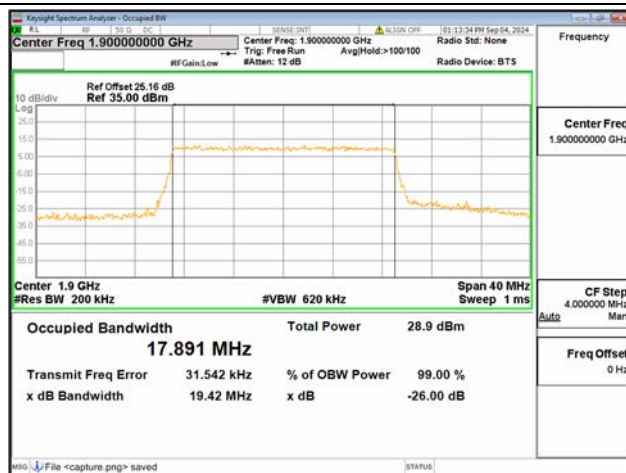
B2 / 20MHz / 256QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



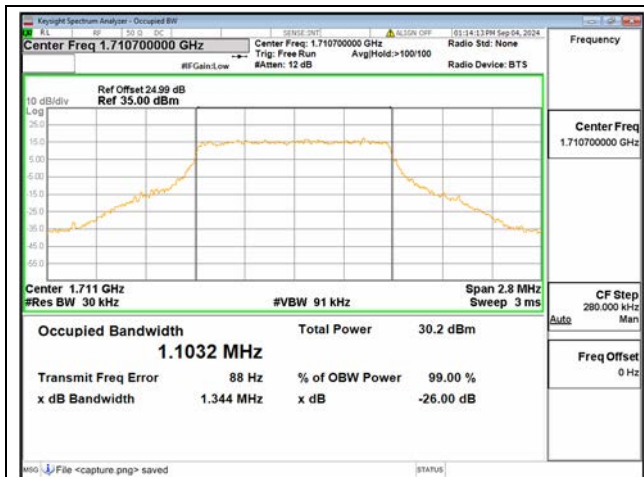
B2 / 20MHz / 16QAM/ High CH



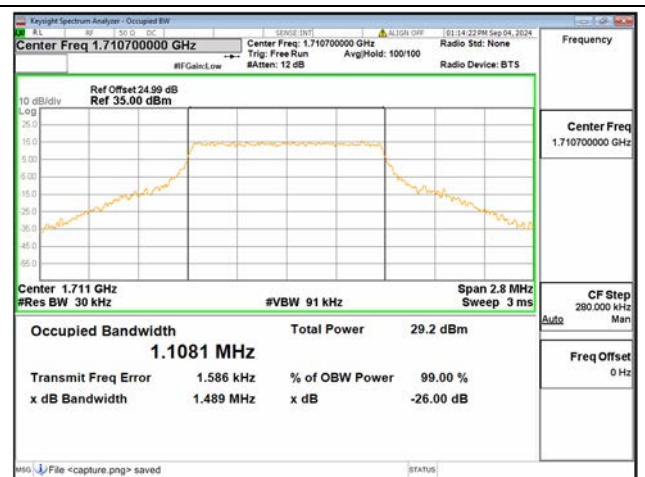
B2 / 20MHz / 64QAM/ High CH



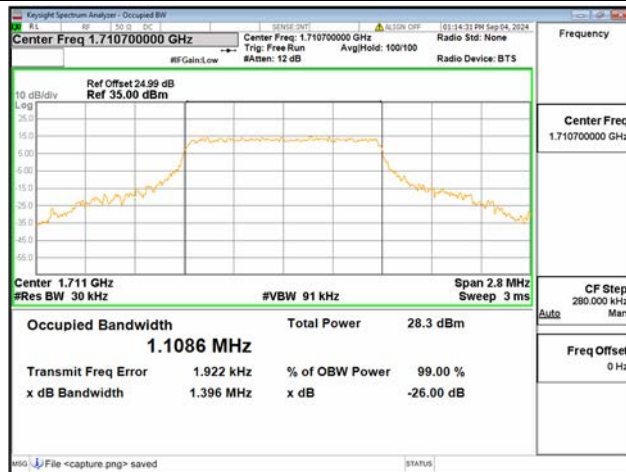
B2 / 20MHz / 256QAM/ High CH



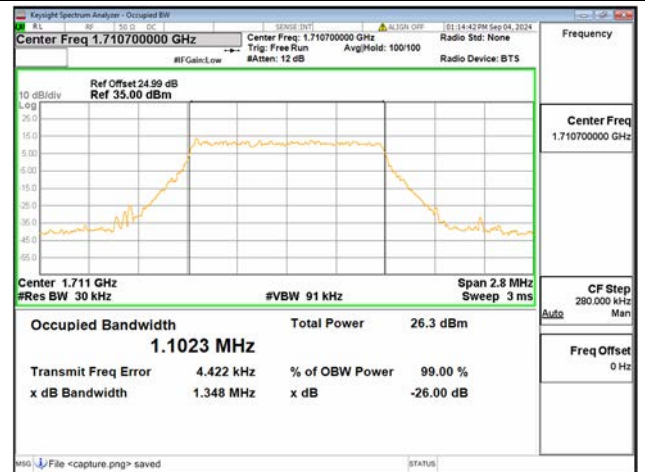
B4 / 1.4MHz / QPSK/ Low CH



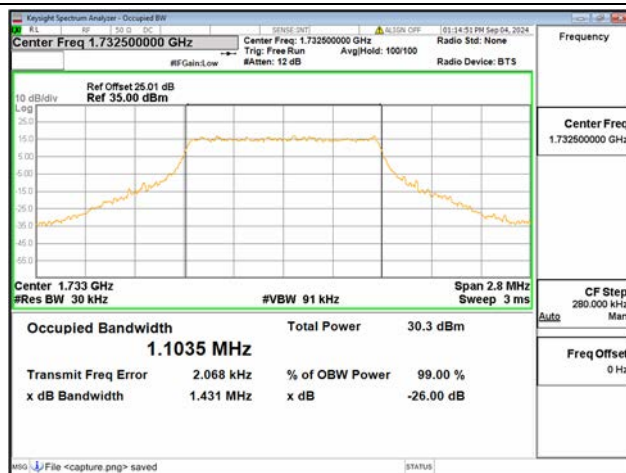
B4 / 1.4MHz / 16QAM/ Low CH



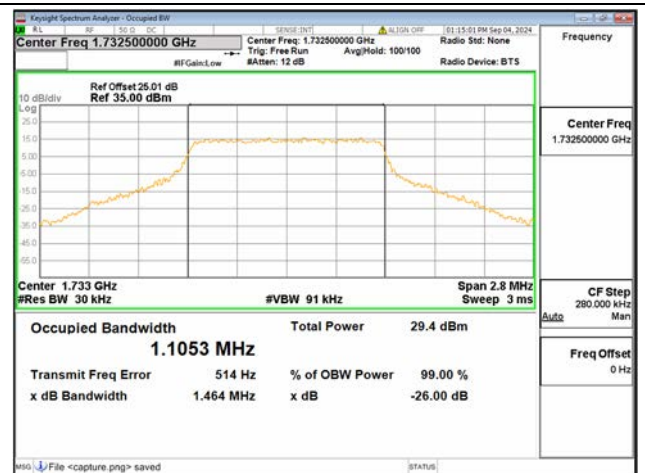
B4 / 1.4MHz / 64QAM/ Low CH



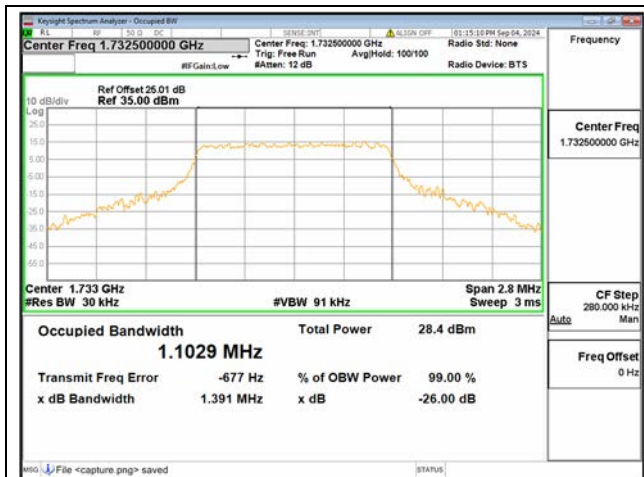
B4 / 1.4MHz / 256QAM/ Low CH



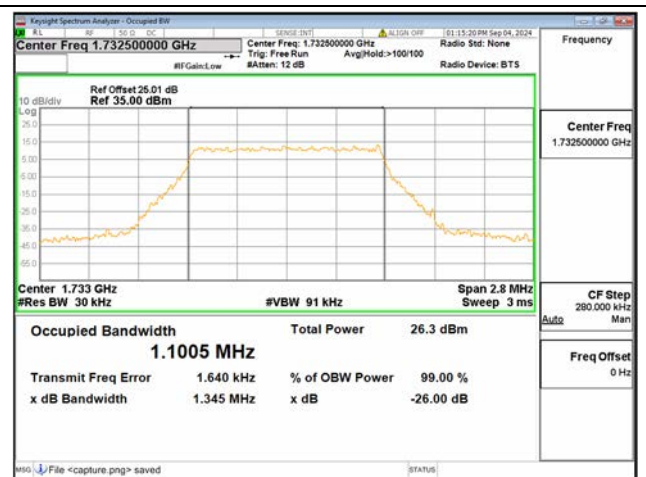
B4 / 1.4MHz / QPSK/ Mid CH



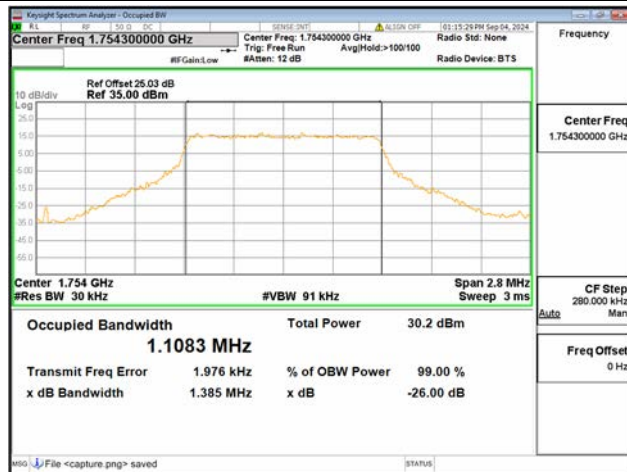
B4 / 1.4MHz / 16QAM/ Mid CH



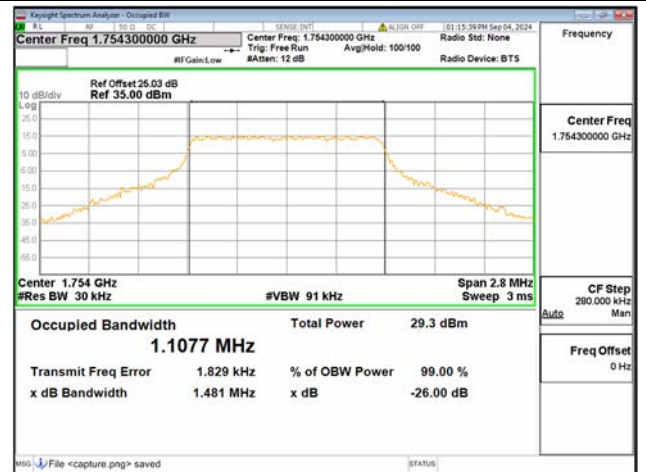
B4 / 1.4MHz / 64QAM/ Mid CH



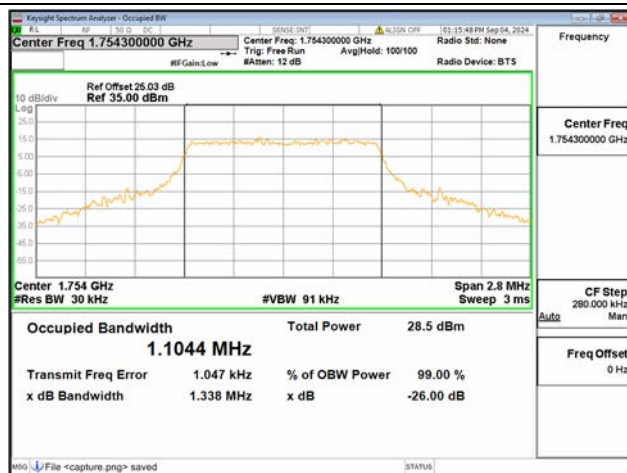
B4 / 1.4MHz / 256QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



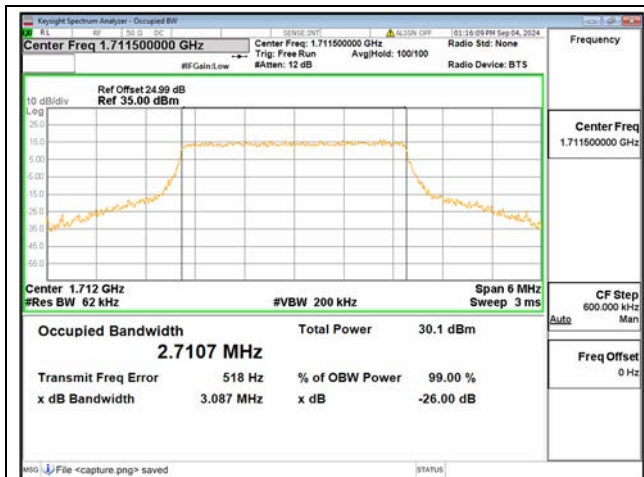
B4 / 1.4MHz / 16QAM/ High CH



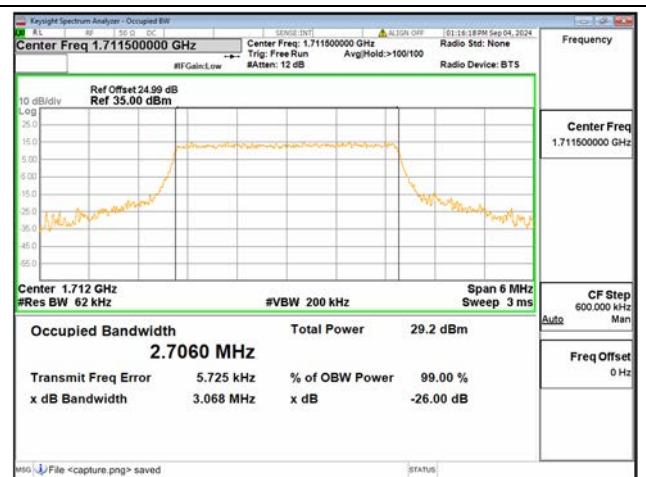
B4 / 1.4MHz / 64QAM/ High CH



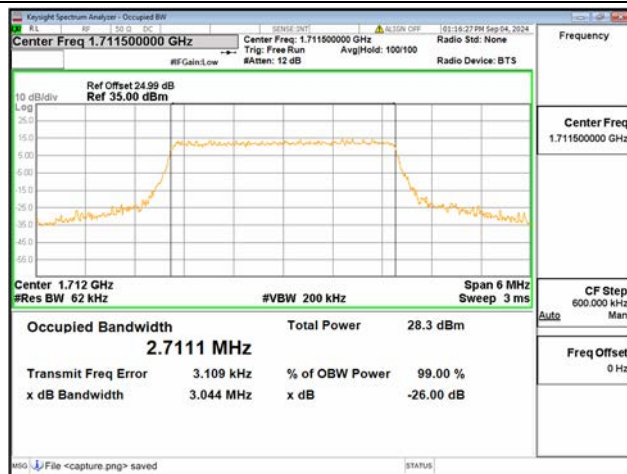
B4 / 1.4MHz / 256QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



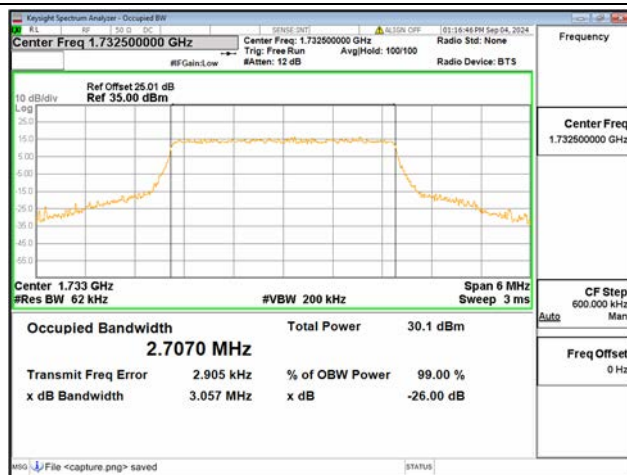
B4 / 3MHz / 16QAM/ Low CH



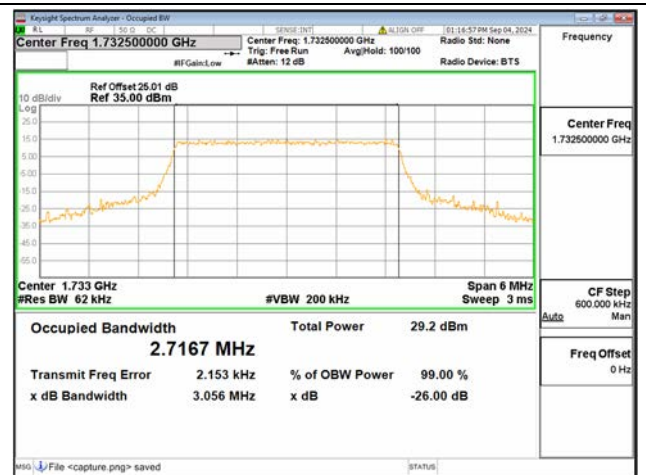
B4 / 3MHz / 64QAM/ Low CH



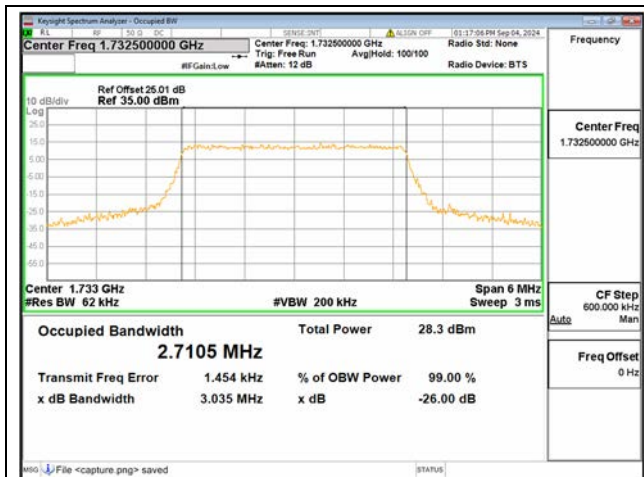
B4 / 3MHz / 256QAM/ Low CH



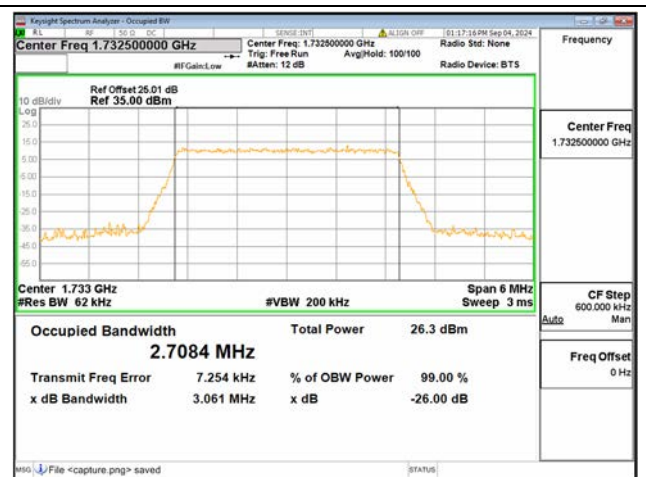
B4 / 3MHz / QPSK/ Mid CH



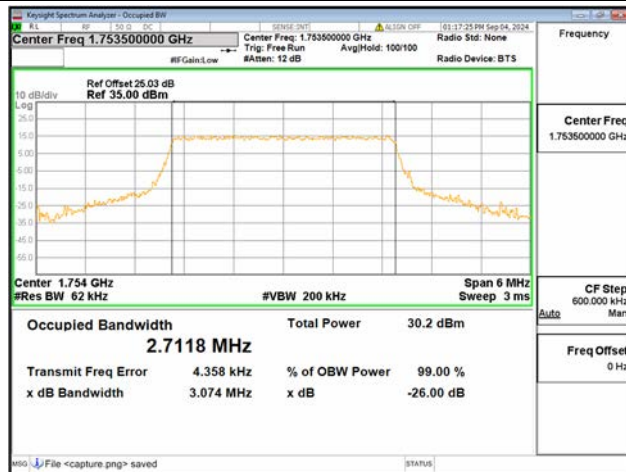
B4 / 3MHz / 16QAM/ Mid CH



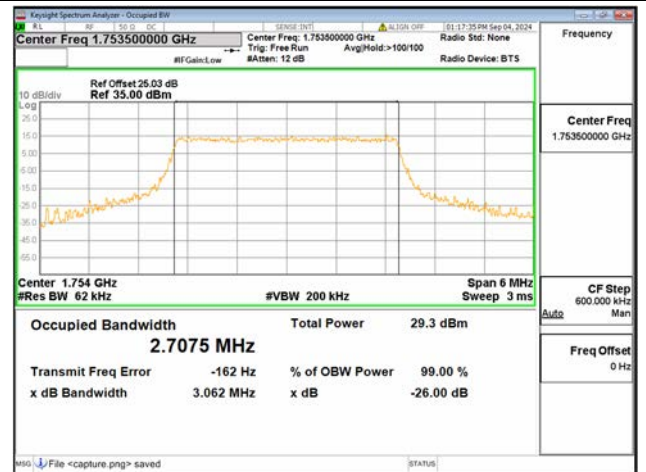
B4 / 3MHz / 64QAM/ Mid CH



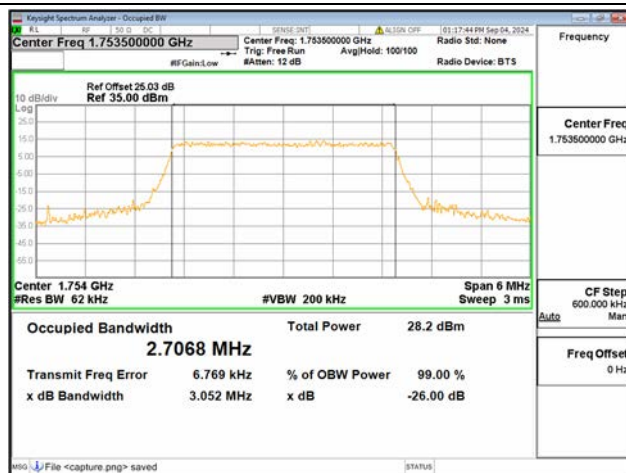
B4 / 3MHz / 256QAM/ Mid CH



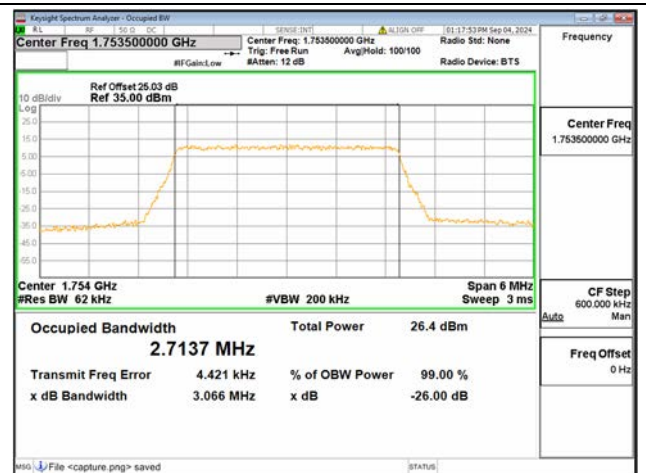
B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH