REPORT No.: SZ20120363W05

TEST REPORT

APPLICANT	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
PRODUCT NAME	:	Mobile Phone
MODEL NAME	:	RMX3203
BRAND NAME	:	realme
FCC ID	:	2AUYFRMX3203
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart H&L&M
RECEIPT DATE	:	2020-12-30
TEST DATE	:	2021-01-05 to 2021-01-26
ISSUE DATE	:	2021-02-22

Edited by: Zeng Xiaoying (Rapporteur)

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MORLAB

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2021-02-22	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Serial No.:	(N/A, marked #1 by test site)	
Hardware Version:	11	
Software Version:	realme UI V1.0	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 26 / 38 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz

Frequency Range:	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2535MHz–2655MHz
		Rx: 2535MHz–2655MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	1.1dBi
	LTE Band 4	1.1dBi
	LTE Band 5	0.5dBi
	LTE Band 7	1.1dBi
	LTE Band 12	0.5dBi
	LTE Band 17	0.5dBi
	LTE Band 26	0.5dBi
	LTE Band 38	1.1dBi
	LTE Band 41	1.1dBi
	LTE Band 66	1.1dBi

Accessory Information:	Battery 1	
	Brand Name:	realme
	Model No.:	BLP729
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	4880mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	Battery 2	
	Brand Name:	realme
	Model No.:	BLP729
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	4880mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Huizhou Desay Battery Co.,Ltd
	AC Adapter 1	
	Brand Name:	realme
	Model No.:	OP52CAEH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	Dongguan YOHOO Electronic Technology Co., Limited
	AC Adapter 2	
	Brand Name:	realme
	Model No.:	OP52KAEH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	ShenZhen KunXing Technology Co., Ltd

Accessory Information:	AC Adapter 3	
	Brand Name:	realme
	Model No.:	OP52JAEH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	Ten Pao Electronics (Huizhou) Co., Ltd.
	AC Adapter 4	
	Brand Name:	realme
	Model No.:	OP52JAYH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	Ten Pao Industrial Co., Ltd.
	AC Adapter 5	
	Brand Name:	realme
	Model No.:	OP52KAYH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	ShenZhen KunXing Technology Co., Ltd
	AC Adapter 6	
	Brand Name:	realme
	Model No.:	OP52KAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	ShenZhen KunXing Technology Co., Ltd
	AC Adapter 7	
	Brand Name:	realme
	Model No.:	OP52JAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	Ten Pao Industrial Co., Ltd.

Accessory Information:	AC Adapter 8	
	Brand Name:	realme
	Model No.:	OP52YAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.4A
	Manufacturer:	Jiangsu Chenyang Electron CO.,Ltd.

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

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

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.272	0.205	0.164	18M0G7D	18M0W7D	18M0W7D
15	0.272	0.224	0.163	13M5G7D	13M5W7D	13M5W7D
10	0.267	0.210	0.166	9M03G7D	8M99W7D	9M01W7D
5	0.271	0.209	0.164	4M52G7D	4M52W7D	4M52W7D
3	0.264	0.208	0.165	2M69G7D	2M69W7D	2M70W7D
1.4	0.265	0.211	0.166	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.279	0.241	0.189	18M0G7D	18M0W7D	18M0W7D
15	0.281	0.244	0.190	13M5G7D	13M5W7D	13M5W7D
10	0.285	0.241	0.187	9M03G7D	8M99W7D	8M99W7D
5	0.286	0.232	0.187	4M52G7D	4M51W7D	4M51W7D
3	0.283	0.244	0.184	2M69G7D	2M70W7D	2M70W7D
1.4	0.281	0.233	0.239	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.161	0.132	0.105	9M02G7D	8M98W7D	9M00W7D
5	0.151	0.132	0.107	4M52G7D	4M52W7D	4M51W7D
3	0.152	0.125	0.106	2M69G7D	2M69W7D	2M70W7D
1.4	0.152	0.129	0.100	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.238	0.189	0.189	18M0G7D	18M0W7D	18M0W7D
15	0.232	0.189	0.184	13M5G7D	13M5W7D	13M5W7D
10	0.232	0.190	0.187	9M04G7D	9M00W7D	9M03W7D
5	0.232	0.187	0.184	4M52G7D	4M52W7D	4M52W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.148	0.126	0.110	9M01G7D	8M98W7D	9M00W7D
5	0.146	0.144	0.105	4M52G7D	4M52W7D	4M51W7D
3	0.146	0.137	0.106	2M69G7D	2M70W7D	2M70W7D
1.4	0.146	0.137	0.106	1M10G7D	1M10W7D	1M10W7D

LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.147	0.132	0.104	9M01G7D	8M98W7D	9M00W7D
5	0.146	0.132	0.104	4M52G7D	4M52W7D	4M51W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.152	0.135	0.098	13M5G7D	13M5W7D	13M5W7D
10	0.149	0.134	0.105	9M00G7D	8M99W7D	8M97W7D
5	0.154	0.148	0.104	4M49G7D	4M50W7D	4M50W7D
3	0.146	0.137	0.098	2M70G7D	2M70W7D	2M70W7D
1.4	0.150	0.133	0.103	1M09G7D	1M09W7D	1M09W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.254	0.201	0.154	18M0G7D	18M0W7D	18M0W7D
15	0.264	0.216	0.172	13M5G7D	13M5W7D	13M5W7D
10	0.261	0.218	0.171	9M00G7D	8M98W7D	9M00W7D
5	0.259	0.217	0.167	4M50G7D	4M51W7D	4M50W7D
LTE Band 41	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.266	0.208	0.206	18M0G7D	18M0W7D	18M0W7D
15	0.255	0.215	0.210	13M5G7D	13M5W7D	13M5W7D
10	0.259	0.218	0.213	8M98G7D	8M97W7D	9M00W7D
5	0.253	0.212	0.208	4M50G7D	4M49W7D	4M50W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.270	0.214	0.175	18M0G7D	18M0W7D	18M0W7D
15	0.270	0.225	0.171	13M5G7D	13M5W7D	13M5W7D
10	0.262	0.222	0.183	9M00G7D	9M00W7D	9M01W7D
5	0.267	0.225	0.184	4M51G7D	4M51W7D	4M52W7D
3	0.264	0.221	0.168	2M70G7D	2M70W7D	2M70W7D
1.4	0.257	0.218	0.180	1M09G7D	1M09W7D	1M09W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jan 25, 2021	Chen Hao Peng Xuewei	PASS	No deviation
2.1049	Occupied Bandwidth	Jan 06&07&09, 2021	Ling Keye	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jan 26, 2021	Ling Keye	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan 06&09, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jan 06&09&13, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Jan 06&07&08, 2021	Ling Keye	PASS	No deviation

27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jan 07&08, 2021	Peng Xuewei	PASS	No deviation

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

Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 23.5dB contains two parts that cable loss 13.5dB and Attenuator 10dB.

Note 3: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% risk level.

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 H&L&M Requirements

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

2.1.1. Requirement

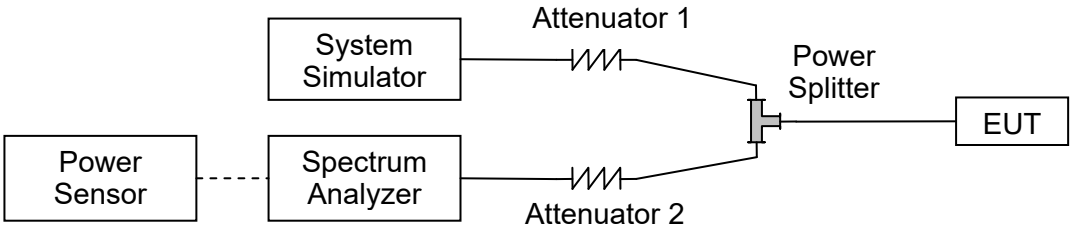
According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current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

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5/26, 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 (c)(10) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.12	23.16	23.14
20	QPSK	1	49	23.07	23.02	23.24
20	QPSK	1	99	23.03	23.06	23.01
20	QPSK	50	0	21.56	21.64	21.89
20	QPSK	50	24	21.68	21.62	21.76
20	QPSK	50	50	21.66	21.66	21.75
20	QPSK	100	0	21.79	21.66	21.67
20	16QAM	1	0	21.52	21.71	21.85
20	16QAM	1	49	21.73	22.02	21.86
20	16QAM	1	99	21.69	21.94	21.99
20	16QAM	50	0	20.76	21.00	20.99
20	16QAM	50	24	20.82	20.97	20.95
20	16QAM	50	50	20.65	20.91	20.96
20	16QAM	100	0	20.69	20.98	20.95
20	64QAM	1	0	20.66	20.99	20.67
20	64QAM	1	49	20.89	20.79	20.69
20	64QAM	1	99	20.63	20.66	20.66
20	64QAM	50	0	20.81	20.98	20.96
20	64QAM	50	24	20.73	20.81	20.98
20	64QAM	50	50	20.67	20.88	21.04
20	64QAM	100	0	20.74	20.97	20.98

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	23.16	23.03	23.18
15	QPSK	1	37	23.15	23.11	23.24
15	QPSK	1	74	23.07	23.13	23.12
15	QPSK	36	0	21.73	21.91	22.07
15	QPSK	36	20	21.85	21.94	22.02
15	QPSK	36	39	21.68	21.96	22.02
15	QPSK	75	0	21.71	21.88	22.01
15	16QAM	1	0	22.19	22.24	21.96
15	16QAM	1	37	22.36	21.92	22.29
15	16QAM	1	74	22.20	22.25	22.41
15	16QAM	36	0	20.77	20.80	21.01
15	16QAM	36	20	20.77	20.84	20.96
15	16QAM	36	39	20.68	20.93	20.96
15	16QAM	75	0	20.78	20.90	20.94
15	64QAM	1	0	20.58	20.59	20.59
15	64QAM	1	37	20.62	20.59	20.67
15	64QAM	1	74	20.67	20.67	20.59
15	64QAM	36	0	20.73	20.78	21.02
15	64QAM	36	20	20.86	20.94	20.88
15	64QAM	36	39	20.71	20.89	20.91
15	64QAM	75	0	20.68	20.87	21.03

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				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.16	23.13	23.18
10	QPSK	1	25	23.11	23.05	23.04
10	QPSK	1	49	23.14	23.12	23.04
10	QPSK	25	0	21.98	21.90	21.84
10	QPSK	25	12	21.81	21.96	21.84
10	QPSK	25	25	21.83	21.95	21.62
10	QPSK	50	0	21.99	21.95	22.06
10	16QAM	1	0	21.94	21.84	22.09
10	16QAM	1	25	21.88	21.66	22.12
10	16QAM	1	49	21.86	22.09	22.09
10	16QAM	25	0	20.99	20.78	21.18
10	16QAM	25	12	20.76	20.87	20.98
10	16QAM	25	25	20.86	20.82	20.88
10	16QAM	50	0	20.77	20.94	20.68
10	64QAM	1	0	20.66	20.89	20.76
10	64QAM	1	25	20.59	20.69	20.87
10	64QAM	1	49	20.66	20.71	20.94
10	64QAM	25	0	20.72	20.83	21.04
10	64QAM	25	12	20.73	20.94	21.05
10	64QAM	25	25	20.71	20.95	21.09
10	64QAM	50	0	20.74	20.84	20.97

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.16	23.15	23.22
5	QPSK	1	12	23.23	23.18	23.17
5	QPSK	1	24	23.14	23.12	23.15
5	QPSK	12	0	22.03	21.77	22.03
5	QPSK	12	7	22.16	22.02	22.13
5	QPSK	12	13	21.73	22.12	22.05
5	QPSK	25	0	22.10	21.89	22.06
5	16QAM	1	0	22.10	21.80	21.99
5	16QAM	1	12	21.82	21.66	22.10
5	16QAM	1	24	21.73	21.75	22.09
5	16QAM	12	0	20.73	20.71	21.07
5	16QAM	12	7	20.76	20.88	20.84
5	16QAM	12	13	20.73	20.84	20.99
5	16QAM	25	0	20.64	20.81	20.91
5	64QAM	1	0	20.61	20.85	20.88
5	64QAM	1	12	20.66	20.69	20.68
5	64QAM	1	24	20.69	20.59	20.67
5	64QAM	12	0	20.68	20.80	20.95
5	64QAM	12	7	20.69	20.97	21.04
5	64QAM	12	13	20.62	20.87	20.96
5	64QAM	25	0	20.68	20.85	21.00

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.09	22.81	23.03
3	QPSK	1	8	23.12	22.90	23.11
3	QPSK	1	14	22.63	22.72	22.91
3	QPSK	8	0	21.68	21.81	21.87
3	QPSK	8	4	21.83	21.80	21.98
3	QPSK	8	7	21.67	21.81	21.90
3	QPSK	15	0	21.74	21.80	21.94
3	16QAM	1	0	21.80	21.88	22.04
3	16QAM	1	8	22.08	22.04	21.88
3	16QAM	1	14	22.14	22.04	21.99
3	16QAM	8	0	20.72	20.75	21.08
3	16QAM	8	4	20.71	20.87	21.06
3	16QAM	8	7	20.82	21.01	21.07
3	16QAM	15	0	20.86	20.76	20.97
3	64QAM	1	0	20.91	20.73	20.88
3	64QAM	1	8	20.95	20.66	20.67
3	64QAM	1	14	20.86	20.67	20.69
3	64QAM	8	0	20.74	20.84	21.00
3	64QAM	8	4	20.69	20.89	20.96
3	64QAM	8	7	20.67	20.73	21.07
3	64QAM	15	0	20.66	20.74	20.95

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	22.73	22.71	22.87
1.4	QPSK	1	3	22.81	22.85	23.02
1.4	QPSK	1	5	22.78	22.82	22.99
1.4	QPSK	3	0	22.77	22.98	23.14
1.4	QPSK	3	1	22.80	23.14	23.08
1.4	QPSK	3	3	22.85	23.00	23.05
1.4	QPSK	6	0	21.79	21.96	21.78
1.4	16QAM	1	0	22.10	21.92	21.62
1.4	16QAM	1	3	21.88	21.62	21.87
1.4	16QAM	1	5	21.62	21.88	21.99
1.4	16QAM	3	0	21.85	21.87	21.89
1.4	16QAM	3	1	21.89	22.04	22.10
1.4	16QAM	3	3	21.66	21.90	22.14
1.4	16QAM	6	0	20.89	21.02	20.69
1.4	64QAM	1	0	20.69	20.99	20.86
1.4	64QAM	1	3	20.67	21.02	20.69
1.4	64QAM	1	5	20.68	21.09	20.88
1.4	64QAM	3	0	20.75	20.87	20.69
1.4	64QAM	3	1	20.66	20.69	20.67
1.4	64QAM	3	3	20.91	20.67	20.99
1.4	64QAM	6	0	20.72	20.90	20.95

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.99	22.99	23.00
20	QPSK	1	49	23.32	23.21	23.35
20	QPSK	1	99	22.98	22.85	22.85
20	QPSK	50	0	22.30	22.35	22.37
20	QPSK	50	24	22.29	22.34	22.36
20	QPSK	50	50	22.24	22.21	22.26
20	QPSK	100	0	22.32	22.32	22.34
20	16QAM	1	0	22.44	22.26	22.47
20	16QAM	1	49	22.56	22.22	22.72
20	16QAM	1	99	22.55	22.62	22.59
20	16QAM	50	0	21.29	21.37	21.29
20	16QAM	50	24	21.39	21.30	21.34
20	16QAM	50	50	21.29	21.32	21.27
20	16QAM	100	0	21.33	21.21	21.26
20	64QAM	1	0	21.66	21.39	21.38
20	64QAM	1	49	21.62	21.38	21.29
20	64QAM	1	99	21.52	21.62	21.55
20	64QAM	50	0	21.24	21.22	21.26
20	64QAM	50	24	21.22	21.28	21.31
20	64QAM	50	50	21.22	21.24	21.20
20	64QAM	100	0	21.29	21.33	21.30

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	23.19	23.19	23.24
15	QPSK	1	37	23.36	23.32	23.39
15	QPSK	1	74	23.12	23.06	23.01
15	QPSK	36	0	22.40	22.32	22.32
15	QPSK	36	20	22.30	22.35	22.32
15	QPSK	36	39	22.35	22.29	22.33
15	QPSK	75	0	22.32	22.35	22.25
15	16QAM	1	0	22.64	22.59	22.70
15	16QAM	1	37	22.41	22.54	22.77
15	16QAM	1	74	22.62	22.57	22.62
15	16QAM	36	0	21.38	21.34	21.26
15	16QAM	36	20	21.22	21.27	21.30
15	16QAM	36	39	21.27	21.23	21.34
15	16QAM	75	0	21.27	21.31	21.27
15	64QAM	1	0	21.39	21.59	21.29
15	64QAM	1	37	21.41	21.38	21.36
15	64QAM	1	74	21.69	21.35	21.44
15	64QAM	36	0	21.24	21.33	21.25
15	64QAM	36	20	21.20	21.24	21.28
15	64QAM	36	39	21.23	21.27	21.23
15	64QAM	75	0	21.25	21.22	21.21

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	23.25	23.29	23.28
10	QPSK	1	25	23.45	23.44	23.22
10	QPSK	1	49	23.21	23.15	23.10
10	QPSK	25	0	22.43	22.25	22.38
10	QPSK	25	12	22.32	22.28	22.37
10	QPSK	25	25	22.32	22.29	22.24
10	QPSK	50	0	22.42	22.36	22.33
10	16QAM	1	0	22.72	22.72	22.64
10	16QAM	1	25	22.22	22.46	22.71
10	16QAM	1	49	22.52	22.38	22.51
10	16QAM	25	0	21.33	21.29	21.43
10	16QAM	25	12	21.33	21.22	21.32
10	16QAM	25	25	21.37	21.31	21.20
10	16QAM	50	0	21.35	21.25	21.33
10	64QAM	1	0	21.33	21.39	21.62
10	64QAM	1	25	21.42	21.36	21.59
10	64QAM	1	49	21.32	21.33	21.38
10	64QAM	25	0	21.33	21.28	21.24
10	64QAM	25	12	21.30	21.29	21.19
10	64QAM	25	25	21.27	21.27	21.21
10	64QAM	50	0	21.38	21.30	21.28

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.13	23.11	23.13
5	QPSK	1	12	23.46	23.37	23.40
5	QPSK	1	24	23.08	23.04	23.10
5	QPSK	12	0	22.33	22.32	22.25
5	QPSK	12	7	22.41	22.39	22.27
5	QPSK	12	13	22.38	22.27	22.22
5	QPSK	25	0	22.37	22.36	22.30
5	16QAM	1	0	22.35	22.43	22.36
5	16QAM	1	12	22.51	22.28	22.36
5	16QAM	1	24	22.56	22.18	22.35
5	16QAM	12	0	21.35	21.28	21.18
5	16QAM	12	7	21.30	21.24	21.21
5	16QAM	12	13	21.33	21.21	21.18
5	16QAM	25	0	21.31	21.17	21.18
5	64QAM	1	0	21.62	21.26	21.55
5	64QAM	1	12	21.41	21.62	21.62
5	64QAM	1	24	21.29	21.39	21.54
5	64QAM	12	0	21.23	21.09	21.27
5	64QAM	12	7	21.32	21.37	21.34
5	64QAM	12	13	21.20	21.30	21.14
5	64QAM	25	0	21.32	21.30	21.23

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				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.36	23.36	23.23
3	QPSK	1	8	23.42	23.27	23.18
3	QPSK	1	14	23.32	23.18	23.12
3	QPSK	8	0	22.34	22.23	22.32
3	QPSK	8	4	22.39	22.28	22.30
3	QPSK	8	7	22.33	22.36	22.37
3	QPSK	15	0	22.37	22.20	22.29
3	16QAM	1	0	22.62	22.53	22.42
3	16QAM	1	8	22.78	22.77	22.64
3	16QAM	1	14	22.49	22.50	22.54
3	16QAM	8	0	21.34	21.23	21.42
3	16QAM	8	4	21.38	21.43	21.31
3	16QAM	8	7	21.40	21.26	21.30
3	16QAM	15	0	21.36	21.22	21.25
3	64QAM	1	0	21.21	21.38	21.33
3	64QAM	1	8	21.35	21.36	21.37
3	64QAM	1	14	21.55	21.35	21.36
3	64QAM	8	0	21.29	21.29	21.26
3	64QAM	8	4	21.40	21.37	21.34
3	64QAM	8	7	21.29	21.28	21.22
3	64QAM	15	0	21.18	21.22	21.42

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	23.20	23.14	23.12
1.4	QPSK	1	3	23.34	23.34	23.23
1.4	QPSK	1	5	23.15	23.15	23.14
1.4	QPSK	3	0	23.28	23.21	23.26
1.4	QPSK	3	1	23.39	23.33	23.22
1.4	QPSK	3	3	23.20	23.15	23.19
1.4	QPSK	6	0	22.34	22.19	22.28
1.4	16QAM	1	0	22.58	22.02	22.64
1.4	16QAM	1	3	22.36	22.30	22.66
1.4	16QAM	1	5	22.28	22.12	22.11
1.4	16QAM	3	0	22.27	22.24	22.19
1.4	16QAM	3	1	22.30	22.20	22.23
1.4	16QAM	3	3	22.28	22.30	22.21
1.4	16QAM	6	0	21.32	21.20	21.20
1.4	64QAM	1	0	22.23	22.07	22.54
1.4	64QAM	1	3	22.69	22.20	22.48
1.4	64QAM	1	5	22.13	22.03	22.14
1.4	64QAM	3	0	22.26	22.42	22.29
1.4	64QAM	3	1	22.31	22.57	22.51
1.4	64QAM	3	3	22.46	22.46	22.22
1.4	64QAM	6	0	21.27	21.22	21.19

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	23.57	23.55	23.37
10	QPSK	1	25	23.71	23.37	23.37
10	QPSK	1	49	23.43	23.22	23.26
10	QPSK	25	0	22.88	22.77	22.70
10	QPSK	25	12	22.83	22.68	22.59
10	QPSK	25	25	22.83	22.65	22.46
10	QPSK	50	0	22.76	22.76	22.57
10	16QAM	1	0	22.66	22.87	22.68
10	16QAM	1	25	22.62	22.62	22.58
10	16QAM	1	49	22.65	22.50	22.52
10	16QAM	25	0	21.88	21.88	21.69
10	16QAM	25	12	21.86	21.72	21.79
10	16QAM	25	25	21.76	21.75	21.57
10	16QAM	50	0	21.90	21.85	21.59
10	64QAM	1	0	21.74	21.77	21.56
10	64QAM	1	25	21.77	21.75	21.69
10	64QAM	1	49	21.78	21.62	21.58
10	64QAM	25	0	21.80	21.83	21.71
10	64QAM	25	12	21.86	21.66	21.63
10	64QAM	25	25	21.84	21.71	21.52
10	64QAM	50	0	21.83	21.74	21.53

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	23.41	23.16	23.44
5	QPSK	1	12	23.22	23.43	23.22
5	QPSK	1	24	23.32	23.28	23.42
5	QPSK	12	0	22.51	22.32	22.23
5	QPSK	12	7	22.55	22.51	22.23
5	QPSK	12	13	22.55	22.36	22.19
5	QPSK	25	0	22.53	22.66	22.52
5	16QAM	1	0	22.70	22.56	22.56
5	16QAM	1	12	22.75	22.86	22.53
5	16QAM	1	24	22.91	22.44	22.47
5	16QAM	12	0	21.84	21.75	21.64
5	16QAM	12	7	21.52	21.85	21.55
5	16QAM	12	13	21.83	21.63	21.39
5	16QAM	25	0	21.86	21.78	21.60
5	64QAM	1	0	21.88	21.52	21.49
5	64QAM	1	12	21.52	21.62	21.62
5	64QAM	1	24	21.62	21.55	21.55
5	64QAM	12	0	21.83	21.70	21.63
5	64QAM	12	7	21.95	21.57	21.59
5	64QAM	12	13	21.83	21.63	21.61
5	64QAM	25	0	21.90	21.77	21.54

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	23.34	23.29	23.07
3	QPSK	1	8	23.46	23.42	23.06
3	QPSK	1	14	23.40	23.35	23.09
3	QPSK	8	0	22.45	22.26	22.22
3	QPSK	8	4	22.61	22.34	22.30
3	QPSK	8	7	22.55	22.24	22.14
3	QPSK	15	0	22.55	22.40	22.40
3	16QAM	1	0	22.62	22.42	22.34
3	16QAM	1	8	22.35	22.35	22.43
3	16QAM	1	14	22.52	22.33	22.33
3	16QAM	8	0	21.62	21.74	21.64
3	16QAM	8	4	21.52	21.83	21.70
3	16QAM	8	7	21.56	21.79	21.55
3	16QAM	15	0	21.68	21.68	21.41
3	64QAM	1	0	21.22	21.66	21.52
3	64QAM	1	8	21.52	21.52	21.62
3	64QAM	1	14	21.62	21.49	21.42
3	64QAM	8	0	21.65	21.66	21.42
3	64QAM	8	4	21.60	21.78	21.63
3	64QAM	8	7	21.86	21.66	21.55
3	64QAM	15	0	21.91	21.60	21.57

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.47	23.29	23.06
1.4	QPSK	1	3	23.28	23.32	23.08
1.4	QPSK	1	5	23.43	23.27	23.03
1.4	QPSK	3	0	23.24	23.40	23.22
1.4	QPSK	3	1	23.42	23.19	23.38
1.4	QPSK	3	3	23.22	23.27	23.15
1.4	QPSK	6	0	22.67	22.33	22.21
1.4	16QAM	1	0	22.75	22.47	22.63
1.4	16QAM	1	3	22.52	22.46	22.75
1.4	16QAM	1	5	22.62	22.27	22.62
1.4	16QAM	3	0	22.58	22.48	22.43
1.4	16QAM	3	1	22.66	22.65	22.37
1.4	16QAM	3	3	22.57	22.72	22.35
1.4	16QAM	6	0	21.52	21.24	21.42
1.4	64QAM	1	0	21.65	21.43	21.42
1.4	64QAM	1	3	21.65	21.52	21.22
1.4	64QAM	1	5	21.52	21.44	21.24
1.4	64QAM	3	0	21.49	21.42	21.23
1.4	64QAM	3	1	21.54	21.44	21.40
1.4	64QAM	3	3	21.49	21.39	21.21
1.4	64QAM	6	0	21.42	21.42	21.52

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.37	22.50	22.67
20	QPSK	1	49	22.60	22.62	22.62
20	QPSK	1	99	22.52	22.58	22.55
20	QPSK	50	0	21.55	21.68	21.88
20	QPSK	50	24	21.59	21.66	21.62
20	QPSK	50	50	21.63	21.68	21.62
20	QPSK	100	0	21.51	21.62	21.65
20	16QAM	1	0	21.63	21.63	21.56
20	16QAM	1	49	21.62	21.22	21.62
20	16QAM	1	99	21.56	21.55	21.66
20	16QAM	50	0	21.41	21.55	21.16
20	16QAM	50	24	21.52	21.34	21.25
20	16QAM	50	50	21.51	21.15	21.19
20	16QAM	100	0	21.52	21.55	21.21
20	64QAM	1	0	21.33	21.61	21.64
20	64QAM	1	49	21.33	21.52	21.62
20	64QAM	1	99	21.35	21.62	21.66
20	64QAM	50	0	21.34	21.33	21.22
20	64QAM	50	24	21.36	21.32	21.31
20	64QAM	50	50	21.34	21.11	21.33
20	64QAM	100	0	21.34	21.30	21.21

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.34	22.52	22.53
15	QPSK	1	37	22.32	22.45	22.56
15	QPSK	1	74	22.34	22.56	22.53
15	QPSK	36	0	21.37	21.62	21.66
15	QPSK	36	20	21.57	21.66	21.62
15	QPSK	36	39	21.64	21.62	21.55
15	QPSK	75	0	21.52	21.52	21.53
15	16QAM	1	0	21.60	21.62	21.52
15	16QAM	1	37	21.62	21.66	21.34
15	16QAM	1	74	21.63	21.53	21.33
15	16QAM	36	0	21.22	21.22	21.25
15	16QAM	36	20	21.12	21.52	21.29
15	16QAM	36	39	21.10	21.42	21.27
15	16QAM	75	0	21.00	21.31	21.25
15	64QAM	1	0	21.47	21.20	21.52
15	64QAM	1	37	21.35	21.22	21.34
15	64QAM	1	74	21.30	21.11	21.55
15	64QAM	36	0	21.22	21.20	21.30
15	64QAM	36	20	21.50	21.01	21.24
15	64QAM	36	39	21.34	21.11	21.35
15	64QAM	75	0	21.52	21.20	21.23

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				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.37	22.56	22.35
10	QPSK	1	25	22.48	22.35	22.55
10	QPSK	1	49	22.49	22.51	22.24
10	QPSK	25	0	21.36	21.22	21.22
10	QPSK	25	12	21.59	21.55	21.26
10	QPSK	25	25	21.60	21.62	21.22
10	QPSK	50	0	21.58	21.50	21.22
10	16QAM	1	0	21.44	21.21	21.52
10	16QAM	1	25	21.32	21.22	21.62
10	16QAM	1	49	21.69	21.25	21.34
10	16QAM	25	0	21.22	21.33	21.29
10	16QAM	25	12	21.52	21.22	21.35
10	16QAM	25	25	21.22	21.11	21.41
10	16QAM	50	0	21.34	21.01	21.30
10	64QAM	1	0	21.34	21.52	21.30
10	64QAM	1	25	21.25	21.50	21.22
10	64QAM	1	49	21.61	21.35	21.40
10	64QAM	25	0	21.20	21.20	21.30
10	64QAM	25	12	21.20	20.97	21.41
10	64QAM	25	25	21.16	21.01	21.32
10	64QAM	50	0	21.22	21.04	21.28

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	22.41	22.51	22.35
5	QPSK	1	12	22.35	22.56	22.54
5	QPSK	1	24	22.35	22.34	22.33
5	QPSK	12	0	21.49	21.97	21.56
5	QPSK	12	7	21.63	21.62	21.62
5	QPSK	12	13	21.51	21.53	21.55
5	QPSK	25	0	21.55	21.56	21.22
5	16QAM	1	0	21.51	21.62	21.52
5	16QAM	1	12	21.34	21.52	21.22
5	16QAM	1	24	21.22	21.35	21.34
5	16QAM	12	0	21.35	21.02	21.22
5	16QAM	12	7	21.23	21.22	21.34
5	16QAM	12	13	21.25	21.22	21.23
5	16QAM	25	0	21.52	21.24	21.42
5	64QAM	1	0	21.28	21.61	21.22
5	64QAM	1	12	21.55	21.55	21.62
5	64QAM	1	24	21.55	21.55	21.52
5	64QAM	12	0	21.26	21.22	21.14
5	64QAM	12	7	21.35	21.08	21.27
5	64QAM	12	13	21.22	21.01	21.22
5	64QAM	25	0	21.20	21.20	21.31

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.36	23.29	23.20
10	QPSK	1	25	23.30	23.28	23.34
10	QPSK	1	49	23.34	23.33	23.20
10	QPSK	25	0	22.63	22.27	22.45
10	QPSK	25	12	22.55	22.45	22.38
10	QPSK	25	25	22.61	22.35	22.37
10	QPSK	50	0	22.54	22.45	22.42
10	16QAM	1	0	22.51	22.64	22.56
10	16QAM	1	25	22.36	22.61	22.57
10	16QAM	1	49	22.33	22.37	22.34
10	16QAM	25	0	21.80	21.92	21.88
10	16QAM	25	12	22.02	21.91	21.80
10	16QAM	25	25	22.04	21.72	21.69
10	16QAM	50	0	21.94	21.91	21.80
10	64QAM	1	0	21.62	21.56	21.66
10	64QAM	1	25	21.55	21.62	21.59
10	64QAM	1	49	21.52	21.55	21.69
10	64QAM	25	0	21.85	21.80	21.92
10	64QAM	25	12	21.99	21.97	21.81
10	64QAM	25	25	21.91	21.83	21.74
10	64QAM	50	0	22.07	21.79	21.85

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	23.23	23.18	22.97
5	QPSK	1	12	23.12	23.30	23.22
5	QPSK	1	24	23.24	23.15	23.02
5	QPSK	12	0	22.57	22.31	22.39
5	QPSK	12	7	22.52	22.39	22.36
5	QPSK	12	13	22.47	22.42	22.25
5	QPSK	25	0	22.55	22.38	22.33
5	16QAM	1	0	22.62	22.52	22.75
5	16QAM	1	12	22.74	23.23	22.83
5	16QAM	1	24	22.50	22.61	22.62
5	16QAM	12	0	21.84	21.70	21.74
5	16QAM	12	7	21.90	21.90	21.86
5	16QAM	12	13	21.85	21.77	21.68
5	16QAM	25	0	21.84	21.73	21.68
5	64QAM	1	0	21.55	21.62	21.58
5	64QAM	1	12	21.62	21.55	21.66
5	64QAM	1	24	21.55	21.62	21.54
5	64QAM	12	0	21.56	21.52	21.85
5	64QAM	12	7	21.68	21.55	21.82
5	64QAM	12	13	21.52	21.53	21.59
5	64QAM	25	0	21.62	21.55	21.69

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	23.32	23.30	23.18
3	QPSK	1	8	23.24	23.17	23.20
3	QPSK	1	14	23.12	23.18	23.16
3	QPSK	8	0	22.50	22.29	22.17
3	QPSK	8	4	22.49	22.43	22.25
3	QPSK	8	7	22.53	22.33	22.28
3	QPSK	15	0	22.54	22.28	22.22
3	16QAM	1	0	23.03	22.57	22.76
3	16QAM	1	8	22.98	22.60	22.84
3	16QAM	1	14	23.03	22.62	22.40
3	16QAM	8	0	21.78	21.83	21.88
3	16QAM	8	4	21.59	21.96	21.63
3	16QAM	8	7	21.59	21.66	21.88
3	16QAM	15	0	21.92	21.80	21.77
3	64QAM	1	0	21.85	21.56	21.62
3	64QAM	1	8	21.56	21.68	21.66
3	64QAM	1	14	21.55	21.66	21.58
3	64QAM	8	0	21.89	21.75	21.62
3	64QAM	8	4	21.87	21.88	21.73
3	64QAM	8	7	21.92	21.83	21.63
3	64QAM	15	0	21.89	21.77	21.60

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	23.24	23.24	23.27
1.4	QPSK	1	3	23.22	23.22	23.30
1.4	QPSK	1	5	23.12	23.18	23.18
1.4	QPSK	3	0	23.22	23.22	23.18
1.4	QPSK	3	1	23.12	23.24	23.22
1.4	QPSK	3	3	23.22	23.22	23.18
1.4	QPSK	6	0	22.83	22.87	22.60
1.4	16QAM	1	0	23.03	23.22	22.81
1.4	16QAM	1	3	23.24	23.24	22.82
1.4	16QAM	1	5	23.24	23.21	22.71
1.4	16QAM	3	0	22.96	22.75	22.78
1.4	16QAM	3	1	22.96	22.90	22.73
1.4	16QAM	3	3	23.00	22.85	22.74
1.4	16QAM	6	0	21.87	21.85	21.68
1.4	64QAM	1	0	21.69	21.88	21.75
1.4	64QAM	1	3	21.69	21.55	21.67
1.4	64QAM	1	5	21.79	21.80	21.72
1.4	64QAM	3	0	21.63	21.67	21.57
1.4	64QAM	3	1	21.66	21.88	21.60
1.4	64QAM	3	3	21.83	21.63	21.70
1.4	64QAM	6	0	21.89	21.79	21.76

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	23.31	23.24	23.30
10	QPSK	1	25	23.15	23.19	23.22
10	QPSK	1	49	23.23	23.23	23.22
10	QPSK	25	0	22.26	22.40	22.49
10	QPSK	25	12	22.50	22.41	22.38
10	QPSK	25	25	22.34	22.29	22.31
10	QPSK	50	0	22.40	22.39	22.48
10	16QAM	1	0	22.74	22.73	22.84
10	16QAM	1	25	22.66	22.58	22.87
10	16QAM	1	49	22.56	22.84	22.56
10	16QAM	25	0	21.79	21.85	21.86
10	16QAM	25	12	21.89	21.84	21.77
10	16QAM	25	25	21.75	21.82	21.77
10	16QAM	50	0	21.81	21.78	21.89
10	64QAM	1	0	21.52	21.55	21.49
10	64QAM	1	25	21.55	21.63	21.68
10	64QAM	1	49	21.66	21.62	21.57
10	64QAM	25	0	21.62	21.52	21.66
10	64QAM	25	12	21.86	21.77	21.84
10	64QAM	25	25	21.71	21.80	21.72
10	64QAM	50	0	21.70	21.78	21.84

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	23.30	23.18	23.05
5	QPSK	1	12	23.13	23.12	23.22
5	QPSK	1	24	23.25	23.02	23.19
5	QPSK	12	0	22.40	22.47	22.41
5	QPSK	12	7	22.58	22.45	22.37
5	QPSK	12	13	22.43	22.36	22.39
5	QPSK	25	0	22.48	22.32	22.38
5	16QAM	1	0	22.77	22.84	22.70
5	16QAM	1	12	22.65	22.80	22.48
5	16QAM	1	24	22.76	22.41	22.51
5	16QAM	12	0	21.59	21.66	21.83
5	16QAM	12	7	21.62	21.66	21.67
5	16QAM	12	13	21.59	21.78	21.76
5	16QAM	25	0	21.67	21.77	21.89
5	64QAM	1	0	21.66	21.62	21.56
5	64QAM	1	12	21.53	21.62	21.53
5	64QAM	1	24	21.66	21.62	21.62
5	64QAM	12	0	21.62	21.66	21.55
5	64QAM	12	7	21.62	21.79	21.59
5	64QAM	12	13	21.80	21.78	21.81
5	64QAM	25	0	21.83	21.82	21.77

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	23.30	23.23	23.14
15	QPSK	1	37	23.39	23.47	23.17
15	QPSK	1	74	23.08	23.15	23.12
15	QPSK	36	0	22.38	22.37	22.25
15	QPSK	36	20	22.42	22.41	22.14
15	QPSK	36	39	22.31	22.29	22.22
15	QPSK	75	0	22.44	22.35	22.24
15	16QAM	1	0	22.59	22.95	22.68
15	16QAM	1	37	22.39	22.78	22.37
15	16QAM	1	74	22.80	22.86	22.24
15	16QAM	36	0	21.41	21.47	21.43
15	16QAM	36	20	21.43	21.35	21.43
15	16QAM	36	39	21.31	21.23	21.33
15	16QAM	75	0	21.37	21.32	21.38
15	64QAM	1	0	21.53	21.54	21.26
15	64QAM	1	37	21.52	21.55	21.36
15	64QAM	1	74	21.34	21.37	21.54
15	64QAM	36	0	21.30	21.33	21.42
15	64QAM	36	20	21.38	21.39	21.34
15	64QAM	36	39	21.29	21.32	21.25
15	64QAM	75	0	21.38	21.36	21.39

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.18	23.23	23.09
10	QPSK	1	25	23.30	23.38	23.13
10	QPSK	1	49	23.22	23.32	23.22
10	QPSK	25	0	22.38	22.42	22.15
10	QPSK	25	12	22.37	22.44	22.05
10	QPSK	25	25	22.41	22.30	22.12
10	QPSK	50	0	22.46	22.44	22.14
10	16QAM	1	0	22.66	22.49	22.35
10	16QAM	1	25	22.57	22.69	22.49
10	16QAM	1	49	22.55	22.93	22.19
10	16QAM	25	0	21.40	21.53	21.45
10	16QAM	25	12	21.38	21.40	21.27
10	16QAM	25	25	21.45	21.32	21.14
10	16QAM	50	0	21.41	21.48	21.26
10	64QAM	1	0	21.25	21.56	21.34
10	64QAM	1	25	21.41	21.88	21.36
10	64QAM	1	49	21.75	21.58	21.33
10	64QAM	25	0	21.39	21.56	21.41
10	64QAM	25	12	21.37	21.38	21.40
10	64QAM	25	25	21.53	21.33	21.23
10	64QAM	50	0	21.36	21.44	21.37

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	23.11	23.10	23.12
5	QPSK	1	12	23.49	23.53	23.18
5	QPSK	1	24	23.17	23.20	22.81
5	QPSK	12	0	22.24	22.30	22.13
5	QPSK	12	7	22.41	22.39	22.23
5	QPSK	12	13	22.28	22.23	22.12
5	QPSK	25	0	22.31	22.35	22.31
5	16QAM	1	0	22.76	22.73	22.16
5	16QAM	1	12	23.34	22.32	22.49
5	16QAM	1	24	22.49	22.37	22.40
5	16QAM	12	0	21.28	21.31	21.47
5	16QAM	12	7	21.35	21.36	21.23
5	16QAM	12	13	21.45	21.30	21.28
5	16QAM	25	0	21.36	21.38	21.26
5	64QAM	1	0	21.38	21.38	21.33
5	64QAM	1	12	21.80	21.42	21.34
5	64QAM	1	24	21.33	21.37	21.33
5	64QAM	12	0	21.42	21.25	21.24
5	64QAM	12	7	21.46	21.29	21.25
5	64QAM	12	13	21.36	21.17	21.17
5	64QAM	25	0	21.46	21.45	21.23

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	23.28	23.22	23.06
3	QPSK	1	8	23.24	23.08	23.02
3	QPSK	1	14	23.28	23.22	22.99
3	QPSK	8	0	22.29	22.28	22.35
3	QPSK	8	4	22.44	22.40	22.12
3	QPSK	8	7	22.39	22.32	22.33
3	QPSK	15	0	22.29	22.36	22.24
3	16QAM	1	0	23.02	22.94	22.58
3	16QAM	1	8	22.99	22.67	22.54
3	16QAM	1	14	22.94	22.82	22.45
3	16QAM	8	0	21.43	21.50	21.35
3	16QAM	8	4	21.54	21.43	21.30
3	16QAM	8	7	21.49	21.42	21.26
3	16QAM	15	0	21.26	21.38	21.39
3	64QAM	1	0	21.49	21.56	21.45
3	64QAM	1	8	21.53	21.12	21.36
3	64QAM	1	14	21.53	21.49	21.52
3	64QAM	8	0	21.24	21.22	21.30
3	64QAM	8	4	21.50	21.38	21.30
3	64QAM	8	7	21.50	21.36	21.29
3	64QAM	15	0	21.36	21.49	21.27

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				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.16	23.15	23.18
1.4	QPSK	1	3	23.40	23.29	23.12
1.4	QPSK	1	5	23.27	23.14	23.09
1.4	QPSK	3	0	23.31	23.24	23.11
1.4	QPSK	3	1	23.35	23.24	23.07
1.4	QPSK	3	3	23.39	23.32	23.10
1.4	QPSK	6	0	22.43	22.30	22.65
1.4	16QAM	1	0	22.54	22.16	22.52
1.4	16QAM	1	3	22.66	22.90	22.25
1.4	16QAM	1	5	22.78	22.37	22.56
1.4	16QAM	3	0	22.44	22.30	22.63
1.4	16QAM	3	1	22.31	22.31	22.54
1.4	16QAM	3	3	22.35	22.18	22.35
1.4	16QAM	6	0	21.58	21.46	21.57
1.4	64QAM	1	0	21.54	21.30	21.58
1.4	64QAM	1	3	21.54	21.30	21.62
1.4	64QAM	1	5	21.74	21.51	21.66
1.4	64QAM	3	0	21.54	21.46	21.62
1.4	64QAM	3	1	21.78	21.21	21.58
1.4	64QAM	3	3	21.48	21.38	21.53
1.4	64QAM	6	0	21.35	21.40	21.29

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	22.49	22.62	22.72
20	QPSK	1	49	22.82	22.94	23.17
20	QPSK	1	99	22.54	22.66	22.75
20	QPSK	50	0	21.92	21.99	22.43
20	QPSK	50	24	21.91	22.02	22.12
20	QPSK	50	50	21.80	21.91	22.07
20	QPSK	100	0	21.93	22.04	22.15
20	16QAM	1	0	21.81	21.86	21.93
20	16QAM	1	49	21.62	21.72	21.82
20	16QAM	1	99	21.86	21.81	21.88
20	16QAM	50	0	20.84	21.04	21.18
20	16QAM	50	24	20.87	21.00	21.14
20	16QAM	50	50	20.96	20.93	21.05
20	16QAM	100	0	20.56	20.62	20.05
20	64QAM	1	0	20.66	20.73	20.62
20	64QAM	1	49	20.62	20.52	20.42
20	64QAM	1	99	20.70	20.78	20.55
20	64QAM	50	0	20.66	20.35	20.36
20	64QAM	50	24	20.62	20.03	20.11
20	64QAM	50	50	20.55	20.32	20.05
20	64QAM	100	0	20.52	20.06	20.10

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	22.74	22.88	22.97
15	QPSK	1	37	22.83	23.01	23.11
15	QPSK	1	74	22.78	22.84	22.94
15	QPSK	36	0	21.91	22.04	22.16
15	QPSK	36	20	21.96	22.02	22.12
15	QPSK	36	39	21.84	22.00	22.03
15	QPSK	75	0	21.87	21.93	22.14
15	16QAM	1	0	21.91	22.08	22.16
15	16QAM	1	37	22.07	22.18	22.25
15	16QAM	1	74	21.99	22.08	22.07
15	16QAM	36	0	20.83	20.93	21.09
15	16QAM	36	20	20.85	20.99	21.02
15	16QAM	36	39	20.92	20.90	21.09
15	16QAM	75	0	20.89	21.01	21.04
15	64QAM	1	0	21.21	21.24	20.99
15	64QAM	1	37	21.22	20.62	20.58
15	64QAM	1	74	21.25	20.86	20.62
15	64QAM	36	0	20.80	21.06	21.16
15	64QAM	36	20	20.85	21.09	21.12
15	64QAM	36	39	20.89	21.04	21.06
15	64QAM	75	0	20.90	21.06	21.09