



REPORT No.: SZ20080215W08

TEST REPORT

APPLICANT : Power Idea Technology (Shenzhen) Co., Ltd.

PRODUCT NAME : LTE SMARTPHONE

MODEL NAME : PSL05S RG360

BRAND NAME : RugGear

FCC ID : ZLE-RG360

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

RECEIPT DATE : 2020-08-19

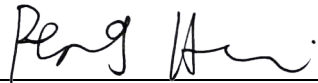
TEST DATE : 2020-08-29 to 2020-10-21

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Change History		
Version	Date	Reason for change
1.0	2020-11-03	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Power Idea Technology (Shenzhen) Co., Ltd.
Applicant Address:	4th Floor, A Section, Languang Science&technology Building, No.7 Xinxu RD, Hi-Tech Industrial Park North, Nanshan District, ShenZhen, P.R.C.
Manufacturer:	Power Idea Technology (Shenzhen) Co., Ltd.
Manufacturer Address:	4th Floor, A Section, Languang Science&technology Building, No.7 Xinxu RD, Hi-Tech Industrial Park North, Nanshan District, ShenZhen, P.R.C.

1.2. Equipment Under Test (EUT) Description

Product Name:	LTE SMARTPHONE	
Serial No.:	(N/A, marked #1 by test site)	
Hardware Version:	V1.0	
Software Version:	RG360_Overseas_1.0.0.0.0_3_20200810	
Modulation Type:	QPSK, 16QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 38 / 40 / 41	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
LTE Band 40 Block B	Tx: 2350MHz–2360MHz	
	Rx: 2350MHz–2360MHz	



	LTE Band 41	Tx: 2496MHz–2690MHz Rx: 2496MHz–2690MHz
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 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-1.2dBi
	LTE Band 4	-1.5dBi
	LTE Band 5	-3.3dBi
	LTE Band 7	0.1dBi
	LTE Band 38	0.1dBi
	LTE Band 40	-0.8dBi
	LTE Band 41	0.1dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BL300OP
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	3000mAh
	Rated Voltage:	3.80V
	Charge Limit:	4.35V
	Manufacturer:	ZHUHAI SUNDA TECHNOLOGY CO.,LTD
	AC Adapter	
	Brand Name:	N/A
	Model No.:	SAW06C-050-1000UB
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.00V=1.00A
	Rated Input:	100-240V~50/60Hz, 0.30A
	Manufacturer:	Shenzhen Shi Ying Yuan Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	900-01060A-B032
	Manufacturer:	Winpower Technology CO., LTD



Accessory Information:	USB Cable 2	
	Model No.:	2.0 USB
	Manufacturer:	FPR Connectivity Technology Inc.

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 Band2		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.119	0.100	18M0G7D	18M0W7D
15		0.119	0.102	13M5G7D	13M5W7D
10		0.118	0.106	9M03G7D	8M99W7D
5		0.119	0.101	4M52G7D	4M52W7D
3		0.118	0.102	2M69G7D	2M69W7D
1.4		0.119	0.102	1M10G7D	1M10W7D
LTE Band4		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.125	0.107	18M0G7D	18M0W7D
15		0.124	0.109	13M5G7D	13M5W7D
10		0.124	0.108	9M04G7D	9M00W7D
5		0.124	0.107	4M52G7D	4M53W7D
3		0.124	0.109	2M69G7D	2M69W7D
1.4		0.124	0.108	1M10G7D	1M10W7D
LTE Band5		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.053	0.043	9M03G7D	8M99W7D
5		0.053	0.042	4M52G7D	4M53W7D
3		0.052	0.043	2M69G7D	2M70W7D
1.4		0.052	0.044	1M10G7D	1M11W7D
LTE Band7		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.138	0.111	18M0G7D	18M1W7D
15		0.137	0.116	13M6G7D	13M5W7D
10		0.138	0.112	9M03G7D	9M00W7D
5		0.138	0.112	4M53G7D	4M52W7D
LTE Band38		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.193	0.160	18M0G7D	18M0W7D
15		0.192	0.161	13M5G7D	13M5W7D
10		0.192	0.170	9M02G7D	8M99W7D
5		0.192	0.165	4M53G7D	4M53W7D



LTE Band40 Block A		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.161	0.138	8M92G7D	8M92W7D
5		0.158	0.133	4M51G7D	4M52W7D
LTE Band40 Block B		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.156	0.134	8M93G7D	8M93W7D
5		0.156	0.133	4M52G7D	4M53W7D
LTE Band41		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.196	0.158	18M0G7D	18M0W7D
15		0.196	0.150	13M5G7D	13M5W7D
10		0.192	0.155	9M02G7D	8M99W7D
5		0.199	0.164	4M52G7D	4M52W7D



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(d)(4) 27.50(h)(2) 27.50(a)(3)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Oct 12&19, 2020	Li Zhiwei Peng Xuewei	PASS	No deviation
2.1049	Occupied Bandwidth	Sep 09&28, 2020 Oct 16&21, 2020	Zhou Xiaolong	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Oct 21, 2020	Zhou Xiaolong	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Sep 04&28, 2020 Oct 16, 2020	Zhou Xiaolong	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(m)(4) 27.53(a)(4)	Conducted Spurious Emissions	Sep 09&28, 2020 Oct 21, 2020	Zhou Xiaolong	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(m)(4) 27.53(a)(4)	Band Edge	Sep 17&28, 2020 Oct 19&21, 2020	Zhou Xiaolong	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(m)(4) 27.53(a)(4)	Radiated Spurious Emissions	Aug 29, 2020 Sep 14, 2020	Gao Jianrou	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,27D&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).

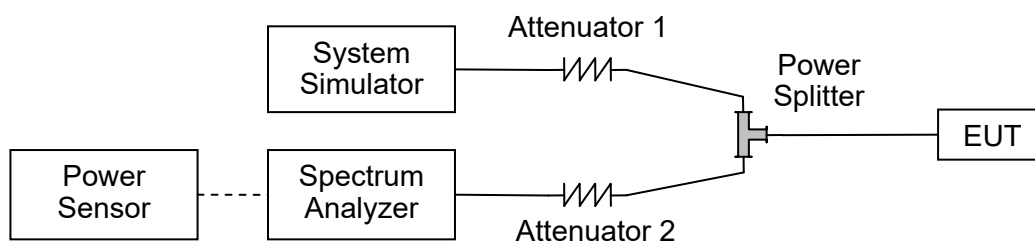
According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50 (d)(4) for LTE Band 4, 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, 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 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

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 50 Ohm; 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	21.61	21.56	21.50
20	QPSK	1	49	21.94	21.90	21.95
20	QPSK	1	99	21.53	21.54	21.60
20	QPSK	50	0	21.06	20.72	21.20
20	QPSK	50	24	21.11	20.91	20.98
20	QPSK	50	50	20.81	21.11	21.13
20	QPSK	100	0	20.95	21.10	21.17
20	16QAM	1	0	20.80	21.20	20.79
20	16QAM	1	49	21.09	21.27	21.22
20	16QAM	1	99	20.89	20.82	20.80
20	16QAM	50	0	20.05	19.78	20.27
20	16QAM	50	24	19.99	19.98	19.95
20	16QAM	50	50	19.83	20.06	20.01
20	16QAM	100	0	20.00	19.89	20.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	21.83	21.77	21.82
15	QPSK	1	37	21.94	21.93	21.91
15	QPSK	1	74	21.76	21.71	21.83
15	QPSK	36	0	21.16	20.85	20.95
15	QPSK	36	20	20.95	20.90	20.99
15	QPSK	36	39	20.90	21.01	20.91
15	QPSK	75	0	21.09	20.96	20.98
15	16QAM	1	0	21.17	21.01	21.29
15	16QAM	1	37	21.29	20.95	20.90
15	16QAM	1	74	21.21	20.87	20.86
15	16QAM	36	0	20.00	19.92	20.05
15	16QAM	36	20	20.01	19.98	20.03
15	16QAM	36	39	19.98	20.04	20.07
15	16QAM	75	0	19.97	19.99	20.01



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	21.93	21.84	21.84
10	QPSK	1	25	21.92	21.81	21.94
10	QPSK	1	49	21.85	21.73	21.77
10	QPSK	25	0	21.05	20.93	20.92
10	QPSK	25	12	20.95	21.05	21.04
10	QPSK	25	25	20.90	21.05	20.93
10	QPSK	50	0	20.97	21.07	20.92
10	16QAM	1	0	21.22	21.44	21.41
10	16QAM	1	25	21.44	21.01	21.07
10	16QAM	1	49	20.98	21.13	21.33
10	16QAM	25	0	19.97	19.92	19.88
10	16QAM	25	12	19.89	20.01	19.94
10	16QAM	25	25	19.77	20.17	19.83
10	16QAM	50	0	19.89	20.00	19.88



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	21.82	21.76	21.74
5	QPSK	1	12	21.93	21.94	21.81
5	QPSK	1	24	21.74	21.76	21.75
5	QPSK	12	0	20.87	20.81	20.93
5	QPSK	12	7	21.05	20.93	20.93
5	QPSK	12	13	20.92	20.93	20.83
5	QPSK	25	0	20.95	21.00	20.88
5	16QAM	1	0	21.04	21.18	21.25
5	16QAM	1	12	21.16	21.25	20.77
5	16QAM	1	24	21.20	20.91	20.96
5	16QAM	12	0	19.96	19.81	19.87
5	16QAM	12	7	19.91	19.81	19.96
5	16QAM	12	13	20.00	20.04	19.79
5	16QAM	25	0	20.04	19.92	19.97



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	21.83	21.93	21.84
3	QPSK	1	8	21.88	21.90	21.78
3	QPSK	1	14	21.88	21.92	21.80
3	QPSK	8	0	21.00	20.89	20.87
3	QPSK	8	4	21.05	20.85	20.92
3	QPSK	8	7	21.02	20.92	20.88
3	QPSK	15	0	21.04	20.99	20.92
3	16QAM	1	0	21.29	21.03	21.01
3	16QAM	1	8	21.23	21.05	21.28
3	16QAM	1	14	21.01	21.27	21.29
3	16QAM	8	0	19.90	19.97	19.98
3	16QAM	8	4	20.10	19.95	20.00
3	16QAM	8	7	19.88	20.01	19.90
3	16QAM	15	0	20.02	20.06	19.88



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	21.95	21.86	21.71
1.4	QPSK	1	3	21.92	21.93	21.87
1.4	QPSK	1	5	21.85	21.82	21.78
1.4	QPSK	3	0	21.90	21.81	21.82
1.4	QPSK	3	1	21.94	21.77	21.95
1.4	QPSK	3	3	21.88	21.87	21.77
1.4	QPSK	6	0	20.97	20.87	20.93
1.4	16QAM	1	0	20.95	20.98	20.87
1.4	16QAM	1	3	21.06	21.29	21.11
1.4	16QAM	1	5	20.97	21.15	20.84
1.4	16QAM	3	0	20.98	20.94	20.96
1.4	16QAM	3	1	20.94	20.98	20.86
1.4	16QAM	3	3	20.99	20.82	20.93
1.4	16QAM	6	0	20.06	20.14	19.90



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	22.03	22.15	22.48
20	QPSK	1	49	22.41	22.36	22.46
20	QPSK	1	99	22.04	22.15	22.11
20	QPSK	50	0	21.69	21.44	21.32
20	QPSK	50	24	21.42	21.49	21.47
20	QPSK	50	50	21.31	21.56	21.47
20	QPSK	100	0	21.61	21.53	21.43
20	16QAM	1	0	21.35	21.34	21.45
20	16QAM	1	49	21.80	21.79	21.64
20	16QAM	1	99	21.32	21.66	21.36
20	16QAM	50	0	20.75	20.38	20.34
20	16QAM	50	24	20.44	20.46	20.48
20	16QAM	50	50	20.38	20.56	20.46
20	16QAM	100	0	20.52	20.50	20.31



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				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.28	22.25	22.38
15	QPSK	1	37	22.40	22.41	22.43
15	QPSK	1	74	22.20	22.31	22.27
15	QPSK	36	0	21.51	21.41	21.48
15	QPSK	36	20	21.48	21.45	21.46
15	QPSK	36	39	21.34	21.55	21.50
15	QPSK	75	0	21.49	21.59	21.53
15	16QAM	1	0	21.42	21.81	21.81
15	16QAM	1	37	21.79	21.57	21.87
15	16QAM	1	74	21.39	21.42	21.84
15	16QAM	36	0	20.59	20.49	20.49
15	16QAM	36	20	20.42	20.55	20.56
15	16QAM	36	39	20.30	20.48	20.59
15	16QAM	75	0	20.44	20.53	20.48



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	22.30	22.42	22.40
10	QPSK	1	25	22.42	22.42	22.45
10	QPSK	1	49	22.21	22.21	22.37
10	QPSK	25	0	21.58	21.45	21.45
10	QPSK	25	12	21.40	21.46	21.50
10	QPSK	25	25	21.24	21.56	21.50
10	QPSK	50	0	21.47	21.54	21.56
10	16QAM	1	0	21.81	21.39	21.80
10	16QAM	1	25	21.38	21.85	21.83
10	16QAM	1	49	21.69	21.82	21.36
10	16QAM	25	0	20.68	20.36	20.44
10	16QAM	25	12	20.49	20.46	20.48
10	16QAM	25	25	20.33	20.63	20.54
10	16QAM	50	0	20.45	20.57	20.31



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				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.22	22.27	22.28
5	QPSK	1	12	22.45	22.44	22.43
5	QPSK	1	24	22.22	22.19	22.37
5	QPSK	12	0	21.43	21.30	21.48
5	QPSK	12	7	21.50	21.43	21.41
5	QPSK	12	13	21.30	21.47	21.37
5	QPSK	25	0	21.34	21.48	21.48
5	16QAM	1	0	21.36	21.37	21.81
5	16QAM	1	12	21.79	21.72	21.34
5	16QAM	1	24	21.35	21.73	21.33
5	16QAM	12	0	20.34	20.45	20.55
5	16QAM	12	7	20.40	20.50	20.55
5	16QAM	12	13	20.31	20.53	20.49
5	16QAM	25	0	20.41	20.46	20.55



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	22.20	22.42	22.45
3	QPSK	1	8	22.25	22.32	22.39
3	QPSK	1	14	22.26	22.39	22.42
3	QPSK	8	0	21.34	21.39	21.39
3	QPSK	8	4	21.39	21.49	21.38
3	QPSK	8	7	21.31	21.39	21.34
3	QPSK	15	0	21.41	21.47	21.51
3	16QAM	1	0	21.47	21.79	21.60
3	16QAM	1	8	21.47	21.87	21.57
3	16QAM	1	14	21.46	21.81	21.42
3	16QAM	8	0	20.54	20.49	20.44
3	16QAM	8	4	20.29	20.45	20.62
3	16QAM	8	7	20.38	20.43	20.52
3	16QAM	15	0	20.53	20.58	20.40



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.21	22.31	22.38
1.4	QPSK	1	3	22.23	22.45	22.39
1.4	QPSK	1	5	22.19	22.26	22.38
1.4	QPSK	3	0	22.27	22.32	22.42
1.4	QPSK	3	1	22.43	22.37	22.41
1.4	QPSK	3	3	22.28	22.34	22.42
1.4	QPSK	6	0	21.29	21.42	21.47
1.4	16QAM	1	0	21.36	21.48	21.83
1.4	16QAM	1	3	21.35	21.50	21.84
1.4	16QAM	1	5	21.36	21.43	21.81
1.4	16QAM	3	0	21.35	21.38	21.53
1.4	16QAM	3	1	21.34	21.39	21.40
1.4	16QAM	3	3	21.41	21.35	21.56
1.4	16QAM	6	0	20.25	20.51	20.48



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.53	22.69	22.52
10	QPSK	1	25	22.64	22.68	22.63
10	QPSK	1	49	22.47	22.59	22.50
10	QPSK	25	0	21.55	21.75	21.42
10	QPSK	25	12	21.65	21.66	21.50
10	QPSK	25	25	21.54	21.64	21.44
10	QPSK	50	0	21.60	21.69	21.47
10	16QAM	1	0	21.55	21.76	21.48
10	16QAM	1	25	21.76	21.74	21.65
10	16QAM	1	49	21.74	21.52	21.64
10	16QAM	25	0	20.57	20.74	20.43
10	16QAM	25	12	20.68	20.61	20.50
10	16QAM	25	25	20.46	20.60	20.43
10	16QAM	50	0	20.43	20.65	20.40



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				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.42	22.47	22.28
5	QPSK	1	12	22.55	22.54	22.67
5	QPSK	1	24	22.47	22.44	22.47
5	QPSK	12	0	21.50	21.64	21.47
5	QPSK	12	7	21.60	21.56	21.56
5	QPSK	12	13	21.58	21.64	21.33
5	QPSK	25	0	21.55	21.58	21.37
5	16QAM	1	0	21.68	21.34	21.48
5	16QAM	1	12	21.40	21.59	21.49
5	16QAM	1	24	21.57	21.39	21.60
5	16QAM	12	0	20.44	20.58	20.50
5	16QAM	12	7	20.52	20.66	20.59
5	16QAM	12	13	20.52	20.53	20.36
5	16QAM	25	0	20.65	20.61	20.46



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.59	22.49	22.50
3	QPSK	1	8	22.45	22.53	22.50
3	QPSK	1	14	22.51	22.45	22.48
3	QPSK	8	0	21.55	21.57	21.52
3	QPSK	8	4	21.66	21.61	21.56
3	QPSK	8	7	21.60	21.55	21.55
3	QPSK	15	0	21.51	21.57	21.52
3	16QAM	1	0	21.76	21.72	21.38
3	16QAM	1	8	21.57	21.80	21.47
3	16QAM	1	14	21.60	21.79	21.45
3	16QAM	8	0	20.63	20.56	20.62
3	16QAM	8	4	20.49	20.62	20.65
3	16QAM	8	7	20.53	20.57	20.54
3	16QAM	15	0	20.59	20.43	20.44



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.54	22.56	22.46
1.4	QPSK	1	3	22.61	22.59	22.49
1.4	QPSK	1	5	22.49	22.45	22.46
1.4	QPSK	3	0	22.65	22.55	22.48
1.4	QPSK	3	1	22.64	22.60	22.57
1.4	QPSK	3	3	22.55	22.64	22.61
1.4	QPSK	6	0	21.73	21.52	21.61
1.4	16QAM	1	0	21.54	21.55	21.56
1.4	16QAM	1	3	21.58	21.63	21.67
1.4	16QAM	1	5	21.52	21.47	21.86
1.4	16QAM	3	0	21.54	21.38	21.60
1.4	16QAM	3	1	21.50	21.53	21.68
1.4	16QAM	3	3	21.54	21.47	21.57
1.4	16QAM	6	0	20.55	20.66	20.79



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	21.12	21.21	21.51
20	QPSK	1	49	21.32	21.50	21.15
20	QPSK	1	99	21.08	21.26	21.32
20	QPSK	50	0	20.71	20.37	20.70
20	QPSK	50	24	20.50	20.78	20.82
20	QPSK	50	50	20.42	20.64	20.83
20	QPSK	100	0	20.50	20.74	20.59
20	16QAM	1	0	20.13	20.16	20.45
20	16QAM	1	49	20.15	20.47	20.55
20	16QAM	1	99	20.53	20.34	20.32
20	16QAM	50	0	19.36	19.38	19.48
20	16QAM	50	24	19.34	19.43	19.57
20	16QAM	50	50	19.50	19.43	19.62
20	16QAM	100	0	19.44	19.41	19.51



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				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	21.24	21.45	21.01
15	QPSK	1	37	21.43	21.47	21.07
15	QPSK	1	74	21.37	21.39	21.25
15	QPSK	36	0	20.44	20.36	20.61
15	QPSK	36	20	20.42	20.68	20.63
15	QPSK	36	39	20.52	20.57	20.62
15	QPSK	75	0	20.51	20.64	20.74
15	16QAM	1	0	20.32	20.29	20.28
15	16QAM	1	37	20.38	20.73	20.69
15	16QAM	1	74	20.30	20.50	20.40
15	16QAM	36	0	19.34	19.45	19.50
15	16QAM	36	20	19.42	19.54	19.45
15	16QAM	36	39	19.42	19.48	19.57
15	16QAM	75	0	19.32	19.51	19.47



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	21.46	21.42	21.02
10	QPSK	1	25	21.43	21.47	21.07
10	QPSK	1	49	21.38	21.49	21.03
10	QPSK	25	0	20.48	20.53	20.47
10	QPSK	25	12	20.50	20.55	20.64
10	QPSK	25	25	20.48	20.65	20.64
10	QPSK	50	0	20.38	20.47	20.82
10	16QAM	1	0	20.18	20.59	20.44
10	16QAM	1	25	20.37	20.20	20.52
10	16QAM	1	49	20.54	20.56	20.11
10	16QAM	25	0	19.45	19.50	19.36
10	16QAM	25	12	19.27	19.58	19.44
10	16QAM	25	25	19.41	19.45	19.48
10	16QAM	50	0	19.44	19.45	19.47



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	21.49	21.48	21.29
5	QPSK	1	12	21.43	21.46	21.26
5	QPSK	1	24	21.45	21.41	21.03
5	QPSK	12	0	20.46	20.41	20.56
5	QPSK	12	7	20.46	20.65	20.60
5	QPSK	12	13	20.47	20.56	20.62
5	QPSK	25	0	20.34	20.58	20.66
5	16QAM	1	0	20.16	20.19	20.20
5	16QAM	1	12	20.51	20.59	20.61
5	16QAM	1	24	20.55	20.33	20.18
5	16QAM	12	0	19.17	19.33	19.30
5	16QAM	12	7	19.31	19.45	19.41
5	16QAM	12	13	19.29	19.46	19.42
5	16QAM	25	0	19.31	19.59	19.36



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	22.95	22.56	22.55
20	QPSK	1	49	22.86	22.82	22.86
20	QPSK	1	99	22.47	22.48	22.48
20	QPSK	50	0	22.05	21.96	21.89
20	QPSK	50	24	21.93	21.98	21.90
20	QPSK	50	50	21.78	21.88	21.90
20	QPSK	100	0	21.96	21.93	21.97
20	16QAM	1	0	21.93	21.81	21.85
20	16QAM	1	49	22.13	22.10	21.99
20	16QAM	1	99	21.71	21.70	21.68
20	16QAM	50	0	21.09	21.04	21.00
20	16QAM	50	24	21.07	21.08	20.94
20	16QAM	50	50	20.95	20.91	20.93
20	16QAM	100	0	21.04	20.98	21.03



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	22.86	22.77	22.83
15	QPSK	1	37	22.85	22.94	22.82
15	QPSK	1	74	22.74	22.70	22.59
15	QPSK	36	0	21.97	21.92	21.91
15	QPSK	36	20	21.94	21.89	21.90
15	QPSK	36	39	21.85	21.91	21.89
15	QPSK	75	0	21.99	21.92	21.86
15	16QAM	1	0	22.18	21.94	21.93
15	16QAM	1	37	22.18	21.98	21.94
15	16QAM	1	74	21.99	21.87	21.73
15	16QAM	36	0	21.05	21.01	20.94
15	16QAM	36	20	21.11	21.01	20.91
15	16QAM	36	39	20.92	20.97	20.89
15	16QAM	75	0	21.00	20.95	20.90



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	22.91	22.92	22.89
10	QPSK	1	25	22.93	22.94	22.90
10	QPSK	1	49	22.91	22.88	22.81
10	QPSK	25	0	22.24	22.09	21.98
10	QPSK	25	12	22.14	22.08	21.97
10	QPSK	25	25	22.14	22.05	21.98
10	QPSK	50	0	22.18	22.07	22.07
10	16QAM	1	0	22.28	22.12	22.05
10	16QAM	1	25	22.41	22.27	22.10
10	16QAM	1	49	22.13	22.08	22.03
10	16QAM	25	0	21.31	21.22	21.04
10	16QAM	25	12	21.27	21.19	21.12
10	16QAM	25	25	21.21	21.17	21.04
10	16QAM	50	0	21.29	21.19	21.13



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				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.90	22.76	22.73
5	QPSK	1	12	22.94	22.93	22.84
5	QPSK	1	24	22.88	22.77	22.66
5	QPSK	12	0	22.15	21.99	21.91
5	QPSK	12	7	22.09	22.04	21.98
5	QPSK	12	13	22.03	21.97	21.90
5	QPSK	25	0	22.10	22.03	21.92
5	16QAM	1	0	22.20	22.01	21.85
5	16QAM	1	12	22.28	22.21	22.09
5	16QAM	1	24	22.20	21.99	21.92
5	16QAM	12	0	21.27	21.17	21.00
5	16QAM	12	7	21.28	21.12	20.98
5	16QAM	12	13	21.19	21.09	21.02
5	16QAM	25	0	21.25	21.18	21.01



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.79	/
10	QPSK	1	25	/	22.87	/
10	QPSK	1	49	/	22.69	/
10	QPSK	25	0	/	22.03	/
10	QPSK	25	12	/	21.95	/
10	QPSK	25	25	/	21.93	/
10	QPSK	50	0	/	21.91	/
10	16QAM	1	0	/	22.19	/
10	16QAM	1	25	/	22.19	/
10	16QAM	1	49	/	21.94	/
10	16QAM	25	0	/	20.87	/
10	16QAM	25	12	/	21.01	/
10	16QAM	25	25	/	20.97	/
10	16QAM	50	0	/	21.02	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.65	22.67	22.67
5	QPSK	1	12	22.80	22.76	22.77
5	QPSK	1	24	22.58	22.60	22.60
5	QPSK	12	0	21.84	21.88	21.86
5	QPSK	12	7	21.91	21.81	21.86
5	QPSK	12	13	21.81	21.82	21.94
5	QPSK	25	0	21.82	21.90	22.05
5	16QAM	1	0	21.95	21.93	22.04
5	16QAM	1	12	22.03	22.04	22.02
5	16QAM	1	24	21.86	21.89	21.89
5	16QAM	12	0	20.98	20.96	20.88
5	16QAM	12	7	20.90	20.96	20.93
5	16QAM	12	13	20.78	20.95	20.87
5	16QAM	25	0	20.92	20.93	21.00



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.70	/
10	QPSK	1	25	/	22.74	/
10	QPSK	1	49	/	22.60	/
10	QPSK	25	0	/	21.95	/
10	QPSK	25	12	/	21.86	/
10	QPSK	25	25	/	21.86	/
10	QPSK	50	0	/	21.89	/
10	16QAM	1	0	/	22.06	/
10	16QAM	1	25	/	22.08	/
10	16QAM	1	49	/	21.97	/
10	16QAM	25	0	/	20.91	/
10	16QAM	25	12	/	20.84	/
10	16QAM	25	25	/	20.90	/
10	16QAM	50	0	/	20.95	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.62	22.56	22.56
5	QPSK	1	12	22.67	22.67	22.74
5	QPSK	1	24	22.49	22.53	22.54
5	QPSK	12	0	21.78	21.84	21.81
5	QPSK	12	7	21.79	21.88	21.83
5	QPSK	12	13	21.79	21.84	21.83
5	QPSK	25	0	21.78	21.85	21.88
5	16QAM	1	0	21.91	21.89	21.87
5	16QAM	1	12	21.99	21.94	22.03
5	16QAM	1	24	21.81	21.90	21.81
5	16QAM	12	0	20.77	20.83	20.89
5	16QAM	12	7	20.88	20.91	20.92
5	16QAM	12	13	20.76	20.82	20.86
5	16QAM	25	0	20.83	20.85	20.82



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.41	22.51	22.51
20	QPSK	1	49	22.65	22.64	22.82
20	QPSK	1	99	22.38	22.41	22.45
20	QPSK	50	0	21.88	21.68	21.95
20	QPSK	50	24	21.87	21.65	22.06
20	QPSK	50	50	21.68	21.70	21.92
20	QPSK	100	0	21.85	21.61	22.03
20	16QAM	1	0	21.75	21.64	21.69
20	16QAM	1	49	21.90	21.76	21.85
20	16QAM	1	99	21.64	21.55	21.67
20	16QAM	50	0	20.93	20.82	20.81
20	16QAM	50	24	20.85	20.79	20.90
20	16QAM	50	50	20.77	20.57	20.70
20	16QAM	100	0	20.83	20.78	21.02



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.45	22.68	22.76
15	QPSK	1	37	22.53	22.73	22.83
15	QPSK	1	74	22.46	22.50	22.65
15	QPSK	36	0	21.55	21.41	21.60
15	QPSK	36	20	21.50	21.40	21.68
15	QPSK	36	39	21.43	21.34	21.71
15	QPSK	75	0	21.50	21.57	21.79
15	16QAM	1	0	21.60	21.54	21.52
15	16QAM	1	37	21.57	21.64	21.65
15	16QAM	1	74	21.50	21.65	21.40
15	16QAM	36	0	20.53	20.46	20.60
15	16QAM	36	20	20.60	20.35	20.71
15	16QAM	36	39	20.46	20.37	20.51
15	16QAM	75	0	20.51	20.33	20.79



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.51	22.28	22.60
10	QPSK	1	25	22.57	22.28	22.73
10	QPSK	1	49	22.41	22.23	22.54
10	QPSK	25	0	21.60	21.46	21.80
10	QPSK	25	12	21.71	21.53	21.91
10	QPSK	25	25	21.59	21.49	21.75
10	QPSK	50	0	21.66	21.51	21.80
10	16QAM	1	0	21.60	21.59	21.70
10	16QAM	1	25	21.74	21.55	21.81
10	16QAM	1	49	21.68	21.48	21.69
10	16QAM	25	0	20.70	20.64	20.74
10	16QAM	25	12	20.72	20.65	20.80
10	16QAM	25	25	20.69	20.57	20.76
10	16QAM	50	0	20.68	20.61	20.80



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.58	22.44	22.80
5	QPSK	1	12	22.53	22.46	22.88
5	QPSK	1	24	22.73	22.40	22.78
5	QPSK	12	0	21.86	21.73	22.00
5	QPSK	12	7	21.95	21.83	22.10
5	QPSK	12	13	21.83	21.73	21.81
5	QPSK	25	0	21.81	21.70	22.15
5	16QAM	1	0	21.72	21.61	22.00
5	16QAM	1	12	21.87	21.69	22.05
5	16QAM	1	24	21.73	21.65	21.93
5	16QAM	12	0	20.89	20.83	21.04
5	16QAM	12	7	20.88	20.87	21.16
5	16QAM	12	13	20.94	20.76	21.00
5	16QAM	25	0	20.92	20.84	21.00



Effective Radiated Power and Effective Isotropic Radiated Power:

LTE Band2				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	20.41	0.110	20.36	0.109	20.30	0.107
20	QPSK	1	49	20.74	0.119	20.70	0.117	20.75	0.119
20	QPSK	1	99	20.33	0.108	20.34	0.108	20.40	0.110
20	QPSK	50	0	19.86	0.097	19.52	0.090	20.00	0.100
20	QPSK	50	24	19.91	0.098	19.71	0.094	19.78	0.095
20	QPSK	50	50	19.61	0.091	19.91	0.098	19.93	0.098
20	QPSK	100	0	19.75	0.094	19.90	0.098	19.97	0.099
20	16QAM	1	0	19.60	0.091	20.00	0.100	19.59	0.091
20	16QAM	1	49	19.89	0.097	20.07	0.102	20.02	0.100
20	16QAM	1	99	19.69	0.093	19.62	0.092	19.60	0.091
20	16QAM	50	0	18.85	0.077	18.58	0.072	19.07	0.081
20	16QAM	50	24	18.79	0.076	18.78	0.076	18.75	0.075
20	16QAM	50	50	18.63	0.073	18.86	0.077	18.81	0.076
20	16QAM	100	0	18.80	0.076	18.69	0.074	18.97	0.079



LTE Band2				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	20.63	0.116	20.57	0.114	20.62	0.115
15	QPSK	1	37	20.74	0.119	20.73	0.118	20.71	0.118
15	QPSK	1	74	20.56	0.114	20.51	0.112	20.63	0.116
15	QPSK	36	0	19.96	0.099	19.65	0.092	19.75	0.094
15	QPSK	36	20	19.75	0.094	19.70	0.093	19.79	0.095
15	QPSK	36	39	19.70	0.093	19.81	0.096	19.71	0.094
15	QPSK	75	0	19.89	0.097	19.76	0.095	19.78	0.095
15	16QAM	1	0	19.97	0.099	19.81	0.096	20.09	0.102
15	16QAM	1	37	20.09	0.102	19.75	0.094	19.70	0.093
15	16QAM	1	74	20.01	0.100	19.67	0.093	19.66	0.092
15	16QAM	36	0	18.80	0.076	18.72	0.074	18.85	0.077
15	16QAM	36	20	18.81	0.076	18.78	0.076	18.83	0.076
15	16QAM	36	39	18.78	0.076	18.84	0.077	18.87	0.077
15	16QAM	75	0	18.77	0.075	18.79	0.076	18.81	0.076



LTE Band2				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	20.73	0.118	20.64	0.116	20.64	0.116
10	QPSK	1	25	20.72	0.118	20.61	0.115	20.74	0.119
10	QPSK	1	49	20.65	0.116	20.53	0.113	20.57	0.114
10	QPSK	25	0	19.85	0.097	19.73	0.094	19.72	0.094
10	QPSK	25	12	19.75	0.094	19.85	0.097	19.84	0.096
10	QPSK	25	25	19.70	0.093	19.85	0.097	19.73	0.094
10	QPSK	50	0	19.77	0.095	19.87	0.097	19.72	0.094
10	16QAM	1	0	20.02	0.100	20.24	0.106	20.21	0.105
10	16QAM	1	25	20.24	0.106	19.81	0.096	19.87	0.097
10	16QAM	1	49	19.78	0.095	19.93	0.098	20.13	0.103
10	16QAM	25	0	18.77	0.075	18.72	0.074	18.68	0.074
10	16QAM	25	12	18.69	0.074	18.81	0.076	18.74	0.075
10	16QAM	25	25	18.57	0.072	18.97	0.079	18.63	0.073
10	16QAM	50	0	18.69	0.074	18.80	0.076	18.68	0.074



LTE Band2				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	20.62	0.115	20.56	0.114	20.54	0.113
5	QPSK	1	12	20.73	0.118	20.74	0.119	20.61	0.115
5	QPSK	1	24	20.54	0.113	20.56	0.114	20.55	0.114
5	QPSK	12	0	19.67	0.093	19.61	0.091	19.73	0.094
5	QPSK	12	7	19.85	0.097	19.73	0.094	19.73	0.094
5	QPSK	12	13	19.72	0.094	19.73	0.094	19.63	0.092
5	QPSK	25	0	19.75	0.094	19.80	0.095	19.68	0.093
5	16QAM	1	0	19.84	0.096	19.98	0.100	20.05	0.101
5	16QAM	1	12	19.96	0.099	20.05	0.101	19.57	0.091
5	16QAM	1	24	20.00	0.100	19.71	0.094	19.76	0.095
5	16QAM	12	0	18.76	0.075	18.61	0.073	18.67	0.074
5	16QAM	12	7	18.71	0.074	18.61	0.073	18.76	0.075
5	16QAM	12	13	18.80	0.076	18.84	0.077	18.59	0.072
5	16QAM	25	0	18.84	0.077	18.72	0.074	18.77	0.075



LTE Band2				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	20.63	0.116	20.73	0.118	20.64	0.116
3	QPSK	1	8	20.68	0.117	20.70	0.117	20.58	0.114
3	QPSK	1	14	20.68	0.117	20.72	0.118	20.60	0.115
3	QPSK	8	0	19.80	0.095	19.69	0.093	19.67	0.093
3	QPSK	8	4	19.85	0.097	19.65	0.092	19.72	0.094
3	QPSK	8	7	19.82	0.096	19.72	0.094	19.68	0.093
3	QPSK	15	0	19.84	0.096	19.79	0.095	19.72	0.094
3	16QAM	1	0	20.09	0.102	19.83	0.096	19.81	0.096
3	16QAM	1	8	20.03	0.101	19.85	0.097	20.08	0.102
3	16QAM	1	14	19.81	0.096	20.07	0.102	20.09	0.102
3	16QAM	8	0	18.70	0.074	18.77	0.075	18.78	0.076
3	16QAM	8	4	18.90	0.078	18.75	0.075	18.80	0.076
3	16QAM	8	7	18.68	0.074	18.81	0.076	18.70	0.074
3	16QAM	15	0	18.82	0.076	18.86	0.077	18.68	0.074



LTE Band2				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	20.75	0.119	20.66	0.116	20.51	0.112
1.4	QPSK	1	3	20.72	0.118	20.73	0.118	20.67	0.117
1.4	QPSK	1	5	20.65	0.116	20.62	0.115	20.58	0.114
1.4	QPSK	3	0	20.70	0.117	20.61	0.115	20.62	0.115
1.4	QPSK	3	1	20.74	0.119	20.57	0.114	20.75	0.119
1.4	QPSK	3	3	20.68	0.117	20.67	0.117	20.57	0.114
1.4	QPSK	6	0	19.77	0.095	19.67	0.093	19.73	0.094
1.4	16QAM	1	0	19.75	0.094	19.78	0.095	19.67	0.093
1.4	16QAM	1	3	19.86	0.097	20.09	0.102	19.91	0.098
1.4	16QAM	1	5	19.77	0.095	19.95	0.099	19.64	0.092
1.4	16QAM	3	0	19.78	0.095	19.74	0.094	19.76	0.095
1.4	16QAM	3	1	19.74	0.094	19.78	0.095	19.66	0.092
1.4	16QAM	3	3	19.79	0.095	19.62	0.092	19.73	0.094
1.4	16QAM	6	0	18.86	0.077	18.94	0.078	18.70	0.074



LTE Band4				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	20.53	0.113	20.65	0.116	20.98	0.125
20	QPSK	1	49	20.91	0.123	20.86	0.122	20.96	0.125
20	QPSK	1	99	20.54	0.113	20.65	0.116	20.61	0.115
20	QPSK	50	0	20.19	0.104	19.94	0.099	19.82	0.096
20	QPSK	50	24	19.92	0.098	19.99	0.100	19.97	0.099
20	QPSK	50	50	19.81	0.096	20.06	0.101	19.97	0.099
20	QPSK	100	0	20.11	0.103	20.03	0.101	19.93	0.098
20	16QAM	1	0	19.85	0.097	19.84	0.096	19.95	0.099
20	16QAM	1	49	20.30	0.107	20.29	0.107	20.14	0.103
20	16QAM	1	99	19.82	0.096	20.16	0.104	19.86	0.097
20	16QAM	50	0	19.25	0.084	18.88	0.077	18.84	0.077
20	16QAM	50	24	18.94	0.078	18.96	0.079	18.98	0.079
20	16QAM	50	50	18.88	0.077	19.06	0.081	18.96	0.079
20	16QAM	100	0	19.02	0.080	19.00	0.079	18.81	0.076



LTE Band4				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	20.78	0.120	20.75	0.119	20.88	0.122
15	QPSK	1	37	20.90	0.123	20.91	0.123	20.93	0.124
15	QPSK	1	74	20.70	0.117	20.81	0.121	20.77	0.119
15	QPSK	36	0	20.01	0.100	19.91	0.098	19.98	0.100
15	QPSK	36	20	19.98	0.100	19.95	0.099	19.96	0.099
15	QPSK	36	39	19.84	0.096	20.05	0.101	20.00	0.100
15	QPSK	75	0	19.99	0.100	20.09	0.102	20.03	0.101
15	16QAM	1	0	19.92	0.098	20.31	0.107	20.31	0.107
15	16QAM	1	37	20.29	0.107	20.07	0.102	20.37	0.109
15	16QAM	1	74	19.89	0.097	19.92	0.098	20.34	0.108
15	16QAM	36	0	19.09	0.081	18.99	0.079	18.99	0.079
15	16QAM	36	20	18.92	0.078	19.05	0.080	19.06	0.081
15	16QAM	36	39	18.80	0.076	18.98	0.079	19.09	0.081
15	16QAM	75	0	18.94	0.078	19.03	0.080	18.98	0.079



LTE Band4				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	20.80	0.120	20.92	0.124	20.90	0.123
10	QPSK	1	25	20.92	0.124	20.92	0.124	20.95	0.124
10	QPSK	1	49	20.71	0.118	20.71	0.118	20.87	0.122
10	QPSK	25	0	20.08	0.102	19.95	0.099	19.95	0.099
10	QPSK	25	12	19.90	0.098	19.96	0.099	20.00	0.100
10	QPSK	25	25	19.74	0.094	20.06	0.101	20.00	0.100
10	QPSK	50	0	19.97	0.099	20.04	0.101	20.06	0.101
10	16QAM	1	0	20.31	0.107	19.89	0.097	20.30	0.107
10	16QAM	1	25	19.88	0.097	20.35	0.108	20.33	0.108
10	16QAM	1	49	20.19	0.104	20.32	0.108	19.86	0.097
10	16QAM	25	0	19.18	0.083	18.86	0.077	18.94	0.078
10	16QAM	25	12	18.99	0.079	18.96	0.079	18.98	0.079
10	16QAM	25	25	18.83	0.076	19.13	0.082	19.04	0.080
10	16QAM	50	0	18.95	0.079	19.07	0.081	18.81	0.076



LTE Band4				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	20.72	0.118	20.77	0.119	20.78	0.120
5	QPSK	1	12	20.95	0.124	20.94	0.124	20.93	0.124
5	QPSK	1	24	20.72	0.118	20.69	0.117	20.87	0.122
5	QPSK	12	0	19.93	0.098	19.80	0.095	19.98	0.100
5	QPSK	12	7	20.00	0.100	19.93	0.098	19.91	0.098
5	QPSK	12	13	19.80	0.095	19.97	0.099	19.87	0.097
5	QPSK	25	0	19.84	0.096	19.98	0.100	19.98	0.100
5	16QAM	1	0	19.86	0.097	19.87	0.097	20.31	0.107
5	16QAM	1	12	20.29	0.107	20.22	0.105	19.84	0.096
5	16QAM	1	24	19.85	0.097	20.23	0.105	19.83	0.096
5	16QAM	12	0	18.84	0.077	18.95	0.079	19.05	0.080
5	16QAM	12	7	18.90	0.078	19.00	0.079	19.05	0.080
5	16QAM	12	13	18.81	0.076	19.03	0.080	18.99	0.079
5	16QAM	25	0	18.91	0.078	18.96	0.079	19.05	0.080



LTE Band4				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	20.70	0.117	20.92	0.124	20.95	0.124
3	QPSK	1	8	20.75	0.119	20.82	0.121	20.89	0.123
3	QPSK	1	14	20.76	0.119	20.89	0.123	20.92	0.124
3	QPSK	8	0	19.84	0.096	19.89	0.097	19.89	0.097
3	QPSK	8	4	19.89	0.097	19.99	0.100	19.88	0.097
3	QPSK	8	7	19.81	0.096	19.89	0.097	19.84	0.096
3	QPSK	15	0	19.91	0.098	19.97	0.099	20.01	0.100
3	16QAM	1	0	19.97	0.099	20.29	0.107	20.10	0.102
3	16QAM	1	8	19.97	0.099	20.37	0.109	20.07	0.102
3	16QAM	1	14	19.96	0.099	20.31	0.107	19.92	0.098
3	16QAM	8	0	19.04	0.080	18.99	0.079	18.94	0.078
3	16QAM	8	4	18.79	0.076	18.95	0.079	19.12	0.082
3	16QAM	8	7	18.88	0.077	18.93	0.078	19.02	0.080
3	16QAM	15	0	19.03	0.080	19.08	0.081	18.90	0.078



LTE Band4				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	20.71	0.118	20.81	0.121	20.88	0.122
1.4	QPSK	1	3	20.73	0.118	20.95	0.124	20.89	0.123
1.4	QPSK	1	5	20.69	0.117	20.76	0.119	20.88	0.122
1.4	QPSK	3	0	20.77	0.119	20.82	0.121	20.92	0.124
1.4	QPSK	3	1	20.93	0.124	20.87	0.122	20.91	0.123
1.4	QPSK	3	3	20.78	0.120	20.84	0.121	20.92	0.124
1.4	QPSK	6	0	19.79	0.095	19.92	0.098	19.97	0.099
1.4	16QAM	1	0	19.86	0.097	19.98	0.100	20.33	0.108
1.4	16QAM	1	3	19.85	0.097	20.00	0.100	20.34	0.108
1.4	16QAM	1	5	19.86	0.097	19.93	0.098	20.31	0.107
1.4	16QAM	3	0	19.85	0.097	19.88	0.097	20.03	0.101
1.4	16QAM	3	1	19.84	0.096	19.89	0.097	19.90	0.098
1.4	16QAM	3	3	19.91	0.098	19.85	0.097	20.06	0.101
1.4	16QAM	6	0	18.75	0.075	19.01	0.080	18.98	0.079



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.08	0.051	17.24	0.053	17.07	0.051
10	QPSK	1	25	17.19	0.052	17.23	0.053	17.18	0.052
10	QPSK	1	49	17.02	0.050	17.14	0.052	17.05	0.051
10	QPSK	25	0	16.10	0.041	16.30	0.043	15.97	0.040
10	QPSK	25	12	16.20	0.042	16.21	0.042	16.05	0.040
10	QPSK	25	25	16.09	0.041	16.19	0.042	15.99	0.040
10	QPSK	50	0	16.15	0.041	16.24	0.042	16.02	0.040
10	16QAM	1	0	16.10	0.041	16.31	0.043	16.03	0.040
10	16QAM	1	25	16.31	0.043	16.29	0.043	16.20	0.042
10	16QAM	1	49	16.29	0.043	16.07	0.040	16.19	0.042
10	16QAM	25	0	15.12	0.033	15.29	0.034	14.98	0.031
10	16QAM	25	12	15.23	0.033	15.16	0.033	15.05	0.032
10	16QAM	25	25	15.01	0.032	15.15	0.033	14.98	0.031
10	16QAM	50	0	14.98	0.031	15.20	0.033	14.95	0.031



LTE Band5				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	16.97	0.050	17.02	0.050	16.83	0.048
5	QPSK	1	12	17.10	0.051	17.09	0.051	17.22	0.053
5	QPSK	1	24	17.02	0.050	16.99	0.050	17.02	0.050
5	QPSK	12	0	16.05	0.040	16.19	0.042	16.02	0.040
5	QPSK	12	7	16.15	0.041	16.11	0.041	16.11	0.041
5	QPSK	12	13	16.13	0.041	16.19	0.042	15.88	0.039
5	QPSK	25	0	16.10	0.041	16.13	0.041	15.92	0.039
5	16QAM	1	0	16.23	0.042	15.89	0.039	16.03	0.040
5	16QAM	1	12	15.95	0.039	16.14	0.041	16.04	0.040
5	16QAM	1	24	16.12	0.041	15.94	0.039	16.15	0.041
5	16QAM	12	0	14.99	0.032	15.13	0.033	15.05	0.032
5	16QAM	12	7	15.07	0.032	15.21	0.033	15.14	0.033
5	16QAM	12	13	15.07	0.032	15.08	0.032	14.91	0.031
5	16QAM	25	0	15.20	0.033	15.16	0.033	15.01	0.032



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.14	0.052	17.04	0.051	17.05	0.051
3	QPSK	1	8	17.00	0.050	17.08	0.051	17.05	0.051
3	QPSK	1	14	17.06	0.051	17.00	0.050	17.03	0.050
3	QPSK	8	0	16.10	0.041	16.12	0.041	16.07	0.040
3	QPSK	8	4	16.21	0.042	16.16	0.041	16.11	0.041
3	QPSK	8	7	16.15	0.041	16.10	0.041	16.10	0.041
3	QPSK	15	0	16.06	0.040	16.12	0.041	16.07	0.040
3	16QAM	1	0	16.31	0.043	16.27	0.042	15.93	0.039
3	16QAM	1	8	16.12	0.041	16.35	0.043	16.02	0.040
3	16QAM	1	14	16.15	0.041	16.34	0.043	16.00	0.040
3	16QAM	8	0	15.18	0.033	15.11	0.032	15.17	0.033
3	16QAM	8	4	15.04	0.032	15.17	0.033	15.20	0.033
3	16QAM	8	7	15.08	0.032	15.12	0.033	15.09	0.032
3	16QAM	15	0	15.14	0.033	14.98	0.031	14.99	0.032



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.09	0.051	17.11	0.051	17.01	0.050
1.4	QPSK	1	3	17.16	0.052	17.14	0.052	17.04	0.051
1.4	QPSK	1	5	17.04	0.051	17.00	0.050	17.01	0.050
1.4	QPSK	3	0	17.20	0.052	17.10	0.051	17.03	0.050
1.4	QPSK	3	1	17.19	0.052	17.15	0.052	17.12	0.052
1.4	QPSK	3	3	17.10	0.051	17.19	0.052	17.16	0.052
1.4	QPSK	6	0	16.28	0.042	16.07	0.040	16.16	0.041
1.4	16QAM	1	0	16.09	0.041	16.10	0.041	16.11	0.041
1.4	16QAM	1	3	16.13	0.041	16.18	0.041	16.22	0.042
1.4	16QAM	1	5	16.07	0.040	16.02	0.040	16.41	0.044
1.4	16QAM	3	0	16.09	0.041	15.93	0.039	16.15	0.041
1.4	16QAM	3	1	16.05	0.040	16.08	0.041	16.23	0.042
1.4	16QAM	3	3	16.09	0.041	16.02	0.040	16.12	0.041
1.4	16QAM	6	0	15.10	0.032	15.21	0.033	15.34	0.034



LTE Band7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.02	0.126	21.11	0.129	21.41	0.138
20	QPSK	1	49	21.22	0.132	21.40	0.138	21.05	0.127
20	QPSK	1	99	20.98	0.125	21.16	0.131	21.22	0.132
20	QPSK	50	0	20.61	0.115	20.27	0.106	20.60	0.115
20	QPSK	50	24	20.40	0.110	20.68	0.117	20.72	0.118
20	QPSK	50	50	20.32	0.108	20.54	0.113	20.73	0.118
20	QPSK	100	0	20.40	0.110	20.64	0.116	20.49	0.112
20	16QAM	1	0	20.03	0.101	20.06	0.101	20.35	0.108
20	16QAM	1	49	20.05	0.101	20.37	0.109	20.45	0.111
20	16QAM	1	99	20.43	0.110	20.24	0.106	20.22	0.105
20	16QAM	50	0	19.26	0.084	19.28	0.085	19.38	0.087
20	16QAM	50	24	19.24	0.084	19.33	0.086	19.47	0.089
20	16QAM	50	50	19.40	0.087	19.33	0.086	19.52	0.090
20	16QAM	100	0	19.34	0.086	19.31	0.085	19.41	0.087



LTE Band7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.14	0.130	21.35	0.136	20.91	0.123
15	QPSK	1	37	21.33	0.136	21.37	0.137	20.97	0.125
15	QPSK	1	74	21.27	0.134	21.29	0.135	21.15	0.130
15	QPSK	36	0	20.34	0.108	20.26	0.106	20.51	0.112
15	QPSK	36	20	20.32	0.108	20.58	0.114	20.53	0.113
15	QPSK	36	39	20.42	0.110	20.47	0.111	20.52	0.113
15	QPSK	75	0	20.41	0.110	20.54	0.113	20.64	0.116
15	16QAM	1	0	20.22	0.105	20.19	0.104	20.18	0.104
15	16QAM	1	37	20.28	0.107	20.63	0.116	20.59	0.115
15	16QAM	1	74	20.20	0.105	20.40	0.110	20.30	0.107
15	16QAM	36	0	19.24	0.084	19.35	0.086	19.40	0.087
15	16QAM	36	20	19.32	0.086	19.44	0.088	19.35	0.086
15	16QAM	36	39	19.32	0.086	19.38	0.087	19.47	0.089
15	16QAM	75	0	19.22	0.084	19.41	0.087	19.37	0.086



LTE Band7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.36	0.137	21.32	0.136	20.92	0.124
10	QPSK	1	25	21.33	0.136	21.37	0.137	20.97	0.125
10	QPSK	1	49	21.28	0.134	21.39	0.138	20.93	0.124
10	QPSK	25	0	20.38	0.109	20.43	0.110	20.37	0.109
10	QPSK	25	12	20.40	0.110	20.45	0.111	20.54	0.113
10	QPSK	25	25	20.38	0.109	20.55	0.114	20.54	0.113
10	QPSK	50	0	20.28	0.107	20.37	0.109	20.72	0.118
10	16QAM	1	0	20.08	0.102	20.49	0.112	20.34	0.108
10	16QAM	1	25	20.27	0.106	20.10	0.102	20.42	0.110
10	16QAM	1	49	20.44	0.111	20.46	0.111	20.01	0.100
10	16QAM	25	0	19.35	0.086	19.40	0.087	19.26	0.084
10	16QAM	25	12	19.17	0.083	19.48	0.089	19.34	0.086
10	16QAM	25	25	19.31	0.085	19.35	0.086	19.38	0.087
10	16QAM	50	0	19.34	0.086	19.35	0.086	19.37	0.086