



LTE CA

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	0	0	1	99	1	22.98
			1	0	0	0	1	23.12
			100	0	0	0	100	22.15
			100	0	100	0	200	21.23
			1	0	1	99	2	15.34
			1	0	1	0	2	19.6
			1	99	1	0	2	23.15
			100	0	1	99	101	18.55
		16QAM	0	0	1	99	1	22.47
			1	0	0	0	1	22.56
			100	0	0	0	100	21.56
			100	0	100	0	200	21.36
			1	0	1	99	2	15.77
			1	0	1	0	2	19.8
			1	99	1	0	2	22.85
			100	0	1	99	101	18.45
		64QAM	0	0	1	99	1	21.42
			1	0	0	0	1	21.99
			100	0	0	0	100	20.62
			100	0	100	0	200	21.3
			1	0	1	99	2	15.75
			1	0	1	0	2	19.7
			1	99	1	0	2	21.11
			100	0	1	99	101	18.77



21001	21199	QPSK	0	0	1	99	1	22.92
			1	0	0	0	1	23.42
			100	0	0	0	100	22.13
			100	0	100	0	200	21.38
			1	0	1	99	2	15.46
			1	0	1	0	2	19.46
			1	99	1	0	2	23.1
			100	0	1	99	101	18.77
		16QAM	0	0	1	99	1	22.43
			1	0	0	0	1	22.55
			100	0	0	0	100	21.53
			100	0	100	0	200	21.22
			1	0	1	99	2	15.77
			1	0	1	0	2	19.77
			1	99	1	0	2	22.51
			100	0	1	99	101	18.93
		64QAM	0	0	1	99	1	21.47
			1	0	0	0	1	21.98
			100	0	0	0	100	20.58
			100	0	100	0	200	21.26
			1	0	1	99	2	15.8
			1	0	1	0	2	19.77
			1	99	1	0	2	21.06
			100	0	1	99	101	18.79



21152	21350	QPSK	0	0	1	99	1	22.91
			1	0	0	0	1	23.09
			100	0	0	0	100	22.03
			100	0	100	0	200	21.14
			1	0	1	99	2	15.46
			1	0	1	0	2	19.41
			1	99	1	0	2	23.08
			100	0	1	99	101	18.11
		16QAM	0	0	1	99	1	22.04
			1	0	0	0	1	22.48
			100	0	0	0	100	21.36
			100	0	100	0	200	21.14
			1	0	1	99	2	15.63
			1	0	1	0	2	19.66
			1	99	1	0	2	22.65
			100	0	1	99	101	18.15
		64QAM	0	0	1	99	1	21.09
			1	0	0	0	1	21.98
			100	0	0	0	100	20.44
			100	0	100	0	200	21.16
			1	0	1	99	2	15.7
			1	0	1	0	2	19.64
			1	99	1	0	2	21.25
			100	0	1	99	101	18.36



CA_7C								
Combination 20MHz+15MHz (100RB+75RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21021	QPSK	1	99	1	0	2	23.14
		16QAM	1	99	1	0	2	22.48
		64QAM	1	99	1	0	2	20.44
21026	21197	QPSK	1	99	1	0	2	23.14
		16QAM	1	99	1	0	2	22.44
		64QAM	1	99	1	0	2	20.45
21201	21372	QPSK	1	0	0	0	1	23.14
		16QAM	1	99	1	0	2	22.33
		64QAM	1	99	1	0	2	20.41
Combination 15MHz+20MHz (75RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20828	20999	QPSK	1	74	1	0	2	23.14
		16QAM	1	74	1	0	2	22.43
		64QAM	1	74	1	0	2	20.42
21003	21174	QPSK	1	74	1	0	2	23.13
		16QAM	1	74	1	0	2	22.46
		64QAM	1	74	1	0	2	20.42
21179	21350	QPSK	1	74	1	0	2	23.02
		16QAM	1	74	1	0	2	22.21
		64QAM	1	74	1	0	2	20.43
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	20994	QPSK	1	99	1	0	2	23.16
		16QAM	1	99	1	0	2	22.48
		64QAM	1	99	1	0	2	20.45
21051	21195	QPSK	1	99	1	0	2	23.16
		16QAM	1	99	1	0	2	22.37



		64QAM	1	99	1	0	2	20.34
21251	21395	QPSK	1	0	0	0	1	23.13
		16QAM	1	99	1	0	2	22.43
		64QAM	1	99	1	0	2	20.38
Combination 10MHz+20MHz (50RB+100RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
20805	20949	QPSK	1	49	1	0	2	23.16
		16QAM	1	49	1	0	2	22.36
		64QAM	1	49	1	0	2	20.4
21006	21150	QPSK	1	49	1	0	2	23.13
		16QAM	1	49	1	0	2	22.33
		64QAM	1	49	1	0	2	20.46
21206	21350	QPSK	1	49	0	0	2	23.1
		16QAM	1	49	1	0	2	22.05
		64QAM	1	49	1	0	2	20.42
Combination 15MHz+15MHz (75RB+75RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
20825	20975	QPSK	1	0	0	0	1	23.14
		16QAM	1	0	0	0	1	22.46
		64QAM	1	0	0	0	1	20.39
21025	21175	QPSK	1	0	0	0	1	23.13
		16QAM	1	0	0	0	1	22.39
		64QAM	1	0	0	0	1	20.45
21225	21375	QPSK	1	0	0	0	1	23.11
		16QAM	1	0	0	0	1	22.34
		64QAM	1	0	0	0	1	20.35



CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	0	0	1	99	1	23.02
			1	0	0	0	1	23.06
			100	0	0	0	100	22.27
			100	0	100	0	200	21
			1	0	1	99	2	15.75
			1	0	1	0	2	19.75
			1	99	1	0	2	23.17
			100	0	1	99	101	18.82
		16QAM	0	0	1	99	1	22.68
			1	0	0	0	1	22.57
			100	0	0	0	100	21.41
			100	0	100	0	200	21.17
			1	0	1	99	2	16.25
			1	0	1	0	2	20.21
			1	99	1	0	2	22.74
			100	0	1	99	101	18.42
		64QAM	0	0	1	99	1	21.31
			1	0	0	0	1	21.38
			100	0	0	0	100	20.31
			100	0	100	0	200	20.87
			1	0	1	99	2	15.83
			1	0	1	0	2	20.25
			1	99	1	0	2	21.83
			100	0	1	99	101	18.57



40521	40719	QPSK	0	0	1	99	1	23.06
			1	0	0	0	1	23.02
			100	0	0	0	100	22.33
			100	0	100	0	200	21.33
			1	0	1	99	2	15.93
			1	0	1	0	2	19.96
			1	99	1	0	2	23.29
			100	0	1	99	101	18.83
		16QAM	0	0	1	99	1	22.37
			1	0	0	0	1	22.47
			100	0	0	0	100	21.49
			100	0	100	0	200	21.36
			1	0	1	99	2	16.41
			1	0	1	0	2	20.47
			1	99	1	0	2	22.96
			100	0	1	99	101	18.42
		64QAM	0	0	1	99	1	21.32
			1	0	0	0	1	21.4
			100	0	0	0	100	20.41
			100	0	100	0	200	20.77
			1	0	1	99	2	15.94
			1	0	1	0	2	20.37
			1	99	1	0	2	21.98
			100	0	1	99	101	18.77



41292	41490	QPSK	0	0	1	99	1	23.09
			1	0	0	0	1	23.15
			100	0	0	0	100	22.48
			100	0	100	0	200	21.19
			1	0	1	99	2	16
			1	0	1	0	2	19.95
			1	99	1	0	2	23.29
			100	0	1	99	101	18.14
		16QAM	0	0	1	99	1	22.74
			1	0	0	0	1	22.64
			100	0	0	0	100	21.43
			100	0	100	0	200	20.3
			1	0	1	99	2	16.4
			1	0	1	0	2	20.22
			1	99	1	0	2	22.92
			100	0	1	99	101	18.27
		64QAM	0	0	1	99	1	21.44
			1	0	0	0	1	21.91
			100	0	0	0	100	20.61
			100	0	100	0	200	19.21
			1	0	1	99	2	15.91
			1	0	1	0	2	19.88
			1	99	1	0	2	21.35
			100	0	1	99	101	18.25



CA_41C								
Combination 20MHz+15MHz (100RB+75RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39921	QPSK	1	99	0	0	1	23.28
		16QAM	1	99	0	0	1	22.58
		64QAM	1	99	0	0	1	20.8
40546	40717	QPSK	1	99	1	0	2	23.26
		16QAM	1	99	0	0	1	22.68
		64QAM	1	99	0	0	1	20.79
41341	41512	QPSK	1	99	1	0	2	23.29
		16QAM	1	99	0	0	1	22.79
		64QAM	1	99	0	0	1	20.88
Combination 15MHz+20MHz (75RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39728	39899	QPSK	1	74	1	0	2	23.25
		16QAM	1	74	1	0	2	22.55
		64QAM	1	74	1	0	2	20.59
40523	40694	QPSK	1	74	1	0	2	23.28
		16QAM	1	74	1	0	2	22.57
		64QAM	1	74	1	0	2	20.81
41319	41490	QPSK	1	74	1	0	2	23.27
		16QAM	1	74	1	0	2	22.55
		64QAM	1	74	1	0	2	20.61
Combination 20MHz+10MHz (100RB+50RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
39750	39894	QPSK	1	99	1	0	2	23.24
		16QAM	1	99	1	0	2	22.54
		64QAM	1	99	1	0	2	20.74
40571	40715	QPSK	1	0	0	0	1	23.22
		16QAM	1	99	1	0	2	22.57



		64QAM	1	99	1	0	2	20.91
41391	41535	QPSK	1	99	1	0	2	23.28
		16QAM	1	99	1	0	2	22.66
		64QAM	1	99	1	0	2	20.85
Combination 10MHz+20MHz (50RB+100RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
39705	39849	QPSK	1	49	1	0	2	23.22
		16QAM	1	49	1	0	2	22.6
		64QAM	1	49	1	0	2	20.86
40526	40670	QPSK	1	49	1	0	2	23.26
		16QAM	1	49	1	0	2	22.67
		64QAM	1	49	1	0	2	20.94
41346	41490	QPSK	1	49	1	0	2	23.23
		16QAM	1	49	1	0	2	22.69
		64QAM	1	49	1	0	2	20.97
Combination 20MHz+5MHz (100RB+25RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
39750	39867	QPSK	1	99	1	0	2	23.23
		16QAM	1	99	1	0	2	22.57
		64QAM	1	99	1	0	2	20.86
40595	40712	QPSK	1	99	1	0	2	23.22
		16QAM	1	99	1	0	2	22.74
		64QAM	1	99	1	0	2	20.96
41440	41557	QPSK	1	99	1	0	2	23.21
		16QAM	1	99	1	0	2	22.61
		64QAM	1	99	1	0	2	20.82
Combination 5MHz+20MHz (25RB+100RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
39683	39800	QPSK	1	24	1	0	2	23.21
		16QAM	1	24	1	0	2	22.54



		64QAM	1	24	1	0	2	20.82
40528	40645	QPSK	1	24	1	0	2	23.29
		16QAM	1	24	1	0	2	22.72
		64QAM	1	24	1	0	2	20.93
41373	41490	QPSK	1	24	1	0	2	23.27
		16QAM	1	24	1	0	2	22.7
		64QAM	1	24	1	0	2	20.92
Combination 15MHz+15MHz (75RB+75RB)								
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset		
39725	39875	QPSK	1	74	1	0	2	23.25
		16QAM	1	74	1	0	2	22.48
		64QAM	1	74	1	0	2	20.84
40545	40695	QPSK	1	74	1	0	2	23.26
		16QAM	1	74	1	0	2	22.59
		64QAM	1	74	1	0	2	20.93
41365	41515	QPSK	1	74	1	0	2	23.2
		16QAM	1	74	1	0	2	22.48
		64QAM	1	74	1	0	2	21

ERP/EIRP
<Top Antenna>

LTE Band 2 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	22.71	22.74	22.83	22.66	22.66	22.90	22.83	22.98	22.83
Conducted Power (Watts)	0.1866	0.1879	0.1919	0.1845	0.1845	0.1950	0.1919	0.1986	0.1919
EIRP(dBm)	21.71	21.74	21.83	21.66	21.66	21.90	21.83	21.98	21.83
EIRP(Watts)	0.1483	0.1493	0.1524	0.1466	0.1466	0.1549	0.1524	0.1578	0.1524

LTE Band 2 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	23.35	22.96	23.21	22.86	22.93	23.09	23.26	23.30	23.36
Conducted Power (Watts)	0.2163	0.1977	0.2094	0.1932	0.1963	0.2037	0.2118	0.2138	0.2168
EIRP(dBm)	22.35	21.96	22.21	21.86	21.93	22.09	22.26	22.30	22.36
EIRP(Watts)	0.1718	0.1570	0.1663	0.1535	0.1560	0.1618	0.1683	0.1698	0.1722



LTE Band 2 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	21.90	22.36	22.11	22.21	22.08	22.28	21.99	22.38	22.28
Conducted Power (Watts)	0.1549	0.1722	0.1626	0.1663	0.1614	0.1690	0.1581	0.1730	0.1690
EIRP(dBm)	20.90	21.36	21.11	21.21	21.08	21.28	20.99	21.38	21.28
EIRP(Watts)	0.1230	0.1368	0.1291	0.1321	0.1282	0.1343	0.1256	0.1374	0.1343

LTE Band 2 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	22.12	22.16	22.33	22.18	21.88	22.69	22.38	22.61	22.38
Conducted Power (Watts)	0.1629	0.1644	0.1710	0.1652	0.1542	0.1858	0.1730	0.1824	0.1730
EIRP(dBm)	21.12	21.16	21.33	21.18	20.88	21.69	21.38	21.61	21.38
EIRP(Watts)	0.1294	0.1306	0.1358	0.1312	0.1225	0.1476	0.1374	0.1449	0.1374



LTE Band 2 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	20.78	20.85	21.38	20.92	20.95	21.20	20.67	21.06	20.94
Conducted Power (Watts)	0.1197	0.1216	0.1374	0.1236	0.1245	0.1318	0.1167	0.1276	0.1242
EIRP(dBm)	19.78	19.85	20.38	19.92	19.95	20.20	19.67	20.06	19.94
EIRP(Watts)	0.0951	0.0966	0.1091	0.0982	0.0989	0.1047	0.0927	0.1014	0.0986

LTE Band 2 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	21.19	21.23	21.41	21.47	21.17	21.06	21.47	21.07	21.27
Conducted Power (Watts)	0.1315	0.1327	0.1384	0.1403	0.1309	0.1276	0.1403	0.1279	0.1340
EIRP(dBm)	20.19	20.23	20.41	20.47	20.17	20.06	20.47	20.07	20.27
EIRP(Watts)	0.1045	0.1054	0.1099	0.1114	0.1040	0.1014	0.1114	0.1016	0.1064



LTE Band 4 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	22.94	23.07	23.02	22.96	23.12	22.97	23.26	23.11	23.07
Conducted Power (Watts)	0.1968	0.2028	0.2004	0.1977	0.2051	0.1982	0.2118	0.2046	0.2028
EIRP(dBm)	21.94	22.07	22.02	21.96	22.12	21.97	22.26	22.11	22.07
EIRP(Watts)	0.1563	0.1611	0.1592	0.1570	0.1629	0.1574	0.1683	0.1626	0.1611

LTE Band 4 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	22.96	23.21	23.10	23.14	23.25	23.25	23.10	23.37	23.28
Conducted Power (Watts)	0.1977	0.2094	0.2042	0.2061	0.2113	0.2113	0.2042	0.2173	0.2128
EIRP(dBm)	21.96	22.21	22.10	22.14	22.25	22.25	22.10	22.37	22.28
EIRP(Watts)	0.1570	0.1663	0.1622	0.1637	0.1679	0.1679	0.1622	0.1726	0.1690



LTE Band 4 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	22.14	22.31	22.01	22.32	22.54	22.03	22.05	22.63	22.00
Conducted Power (Watts)	0.1637	0.1702	0.1589	0.1706	0.1795	0.1596	0.1603	0.1832	0.1585
EIRP(dBm)	21.14	21.31	21.01	21.32	21.54	21.03	21.05	21.63	21.00
EIRP(Watts)	0.1300	0.1352	0.1262	0.1355	0.1426	0.1268	0.1274	0.1455	0.1259

LTE Band 4 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	22.23	22.70	22.52	22.33	22.67	22.54	22.35	22.76	22.47
Conducted Power (Watts)	0.1671	0.1862	0.1786	0.1710	0.1849	0.1795	0.1718	0.1888	0.1766
EIRP(dBm)	21.23	21.70	21.52	21.33	21.67	21.54	21.35	21.76	21.47
EIRP(Watts)	0.1327	0.1479	0.1419	0.1358	0.1469	0.1426	0.1365	0.1500	0.1403



LTE Band 4 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	21.26	21.34	21.36	21.30	21.38	21.47	21.35	21.44	21.38
Conducted Power (Watts)	0.1337	0.1361	0.1368	0.1349	0.1374	0.1403	0.1365	0.1393	0.1374
EIRP(dBm)	20.26	20.34	20.36	20.30	20.38	20.47	20.35	20.44	20.38
EIRP(Watts)	0.1062	0.1081	0.1086	0.1072	0.1091	0.1114	0.1084	0.1107	0.1091

LTE Band 4 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	20.99	21.46	21.27	21.15	21.48	21.35	21.03	21.47	21.19
Conducted Power (Watts)	0.1256	0.1400	0.1340	0.1303	0.1406	0.1365	0.1268	0.1403	0.1315
EIRP(dBm)	19.99	20.46	20.27	20.15	20.48	20.35	20.03	20.47	20.19
EIRP(Watts)	0.0998	0.1112	0.1064	0.1035	0.1117	0.1084	0.1007	0.1114	0.1045

LTE Band 5 ($G_T - L_C = -2.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	22.90	22.96	22.91	22.89	22.96	22.93	23.01	22.98	22.87
Conducted Power (Watts)	0.1950	0.1977	0.1954	0.1945	0.1977	0.1963	0.2000	0.1986	0.1936
ERP(dBm)	18.75	18.81	18.76	18.74	18.81	18.78	18.86	18.83	18.72
ERP(Watts)	0.0750	0.0760	0.0752	0.0748	0.0760	0.0755	0.0769	0.0764	0.0745

LTE Band 5 ($G_T - L_C = -2.0$ dB) QPSK			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	23.02	22.93	23.03
Conducted Power (Watts)	0.2004	0.1963	0.2009
ERP(dBm)	18.87	18.78	18.88
ERP(Watts)	0.0771	0.0755	0.0773



LTE Band 5 ($G_T - L_C = -2.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.95	22.41	22.31	22.08	22.02	22.36	22.41	21.94	22.20
Conducted Power (Watts)	0.1567	0.1742	0.1702	0.1614	0.1592	0.1722	0.1742	0.1563	0.1660
ERP(dBm)	17.80	18.26	18.16	17.93	17.87	18.21	18.26	17.79	18.05
ERP(Watts)	0.0603	0.0670	0.0655	0.0621	0.0612	0.0662	0.0670	0.0601	0.0638

LTE Band 5 ($G_T - L_C = -2.0$ dB) 16QAM			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	21.89	22.49	22.35
Conducted Power (Watts)	0.1545	0.1774	0.1718
ERP(dBm)	17.74	18.34	18.20
ERP(Watts)	0.0594	0.0682	0.0661



LTE Band 5 ($G_T - L_C = -2.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.86	21.48	21.57	21.53	21.48	21.83	21.96	21.50	21.75
Conducted Power (Watts)	0.1535	0.1406	0.1435	0.1422	0.1406	0.1524	0.1570	0.1413	0.1496
ERP(dBm)	17.71	17.33	17.42	17.38	17.33	17.68	17.81	17.35	17.60
ERP(Watts)	0.0590	0.0541	0.0552	0.0547	0.0541	0.0586	0.0604	0.0543	0.0575

LTE Band 5 ($G_T - L_C = -2.0$ dB) 64QAM			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	21.48	21.50	21.78
Conducted Power (Watts)	0.1406	0.1413	0.1507
ERP(dBm)	17.33	17.35	17.63
ERP(Watts)	0.0541	0.0543	0.0579



LTE Band 7 ($G_T - L_C = 0$ dB) QPSK			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	22.74	22.98	22.98
Conducted Power (Watts)	0.1879	0.1986	0.1986
EIRP(dBm)	22.74	22.98	22.98
EIRP(Watts)	0.1879	0.1986	0.1986

LTE Band 7 ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	22.85	23.11	23.02	22.76	23.10	23.15	22.92	23.13	23.17
Conducted Power (Watts)	0.1928	0.2046	0.2004	0.1888	0.2042	0.2065	0.1959	0.2056	0.2075
EIRP(dBm)	22.85	23.11	23.02	22.76	23.10	23.15	22.92	23.13	23.17
EIRP(Watts)	0.1928	0.2046	0.2004	0.1888	0.2042	0.2065	0.1959	0.2056	0.2075



LTE Band 7 ($G_T - L_C = 0$ dB) 16QAM			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	22.14	22.41	21.77
Conducted Power (Watts)	0.1637	0.1742	0.1503
EIRP(dBm)	22.14	22.41	21.77
EIRP(Watts)	0.1637	0.1742	0.1503

LTE Band 7 ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	21.89	22.50	22.61	21.89	22.55	21.85	22.11	22.49	21.96
Conducted Power (Watts)	0.1545	0.1778	0.1824	0.1545	0.1799	0.1531	0.1626	0.1774	0.1570
EIRP(dBm)	21.89	22.50	22.61	21.89	22.55	21.85	22.11	22.49	21.96
EIRP(Watts)	0.1545	0.1778	0.1824	0.1545	0.1799	0.1531	0.1626	0.1774	0.1570



LTE Band 7 ($G_T - L_C = 0$ dB) 64QAM			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	21.08	21.00	20.93
Conducted Power (Watts)	0.1282	0.1259	0.1239
EIRP(dBm)	21.08	21.00	20.93
EIRP(Watts)	0.1282	0.1259	0.1239

LTE Band 7 ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	20.50	21.12	21.24	21.09	21.21	21.20	21.26	21.32	21.24
Conducted Power (Watts)	0.1122	0.1294	0.1330	0.1285	0.1321	0.1318	0.1337	0.1355	0.1330
EIRP(dBm)	20.50	21.12	21.24	21.09	21.21	21.20	21.26	21.32	21.24
EIRP(Watts)	0.1122	0.1294	0.1330	0.1285	0.1321	0.1318	0.1337	0.1355	0.1330

LTE Band 7 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	15M + 15M			10M + 20M			20M+10M		
Channel PCC	20825	21025	21225	20805	21006	21206	20850	21051	21251
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20975	21175	21375	20949	21150	21350	20994	21195	21395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.14	23.13	23.11	23.16	23.13	23.10	23.16	23.16	23.13
Conducted Power (Watts)	0.2061	0.2056	0.2046	0.2070	0.2056	0.2042	0.2070	0.2070	0.2056
EIRP(dBm)	23.14	23.13	23.11	23.16	23.13	23.10	23.16	23.16	23.13
EIRP(Watts)	0.2061	0.2056	0.2046	0.2070	0.2056	0.2042	0.2070	0.2070	0.2056

LTE Band 7 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	15M+20M			20M+15M			20M + 20M		
Channel PCC	20828	21003	21179	20850	21026	21201	20850	21001	21152
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20999	21174	21350	21021	21197	21372	21048	21199	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.14	23.13	23.02	23.14	23.14	23.14	23.12	23.42	23.09
Conducted Power (Watts)	0.2061	0.2056	0.2004	0.2061	0.2061	0.2061	0.2051	0.2198	0.2037
EIRP(dBm)	23.14	23.13	23.02	23.14	23.14	23.14	23.12	23.42	23.09
EIRP(Watts)	0.2061	0.2056	0.2004	0.2061	0.2061	0.2061	0.2051	0.2198	0.2037



LTE Band 7 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	15M + 15M			10M + 20M			20M+10M		
Channel PCC	20825	21025	21225	20805	21006	21206	20850	21051	21251
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20975	21175	21375	20949	21150	21350	20994	21195	21395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.46	22.39	22.34	22.36	22.33	22.05	22.48	22.37	22.43
Conducted Power (Watts)	0.1762	0.1734	0.1714	0.1722	0.1710	0.1603	0.1770	0.1726	0.1750
EIRP(dBm)	22.46	22.39	22.34	22.36	22.33	22.05	22.48	22.37	22.43
EIRP(Watts)	0.1762	0.1734	0.1714	0.1722	0.1710	0.1603	0.1770	0.1726	0.1750

LTE Band 7 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	15M+20M			20M+15M			20M + 20M		
Channel PCC	20828	21003	21179	20850	21026	21201	20850	21001	21152
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20999	21174	21350	21021	21197	21372	21048	21199	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.43	22.46	22.21	22.48	22.44	22.33	22.85	22.55	22.65
Conducted Power (Watts)	0.1750	0.1762	0.1663	0.1770	0.1754	0.1710	0.1928	0.1799	0.1841
EIRP(dBm)	22.43	22.46	22.21	22.48	22.44	22.33	22.85	22.55	22.65
EIRP(Watts)	0.1750	0.1762	0.1663	0.1770	0.1754	0.1710	0.1928	0.1799	0.1841



LTE Band 7 CA ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	15M + 15M			10M + 20M			20M+10M		
Channel PCC	20825	21025	21225	20805	21006	21206	20850	21051	21251
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20975	21175	21375	20949	21150	21350	20994	21195	21395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.39	20.45	20.35	20.40	20.46	20.42	20.45	20.34	20.38
Conducted Power (Watts)	0.1094	0.1109	0.1084	0.1096	0.1112	0.1102	0.1109	0.1081	0.1091
EIRP(dBm)	20.39	20.45	20.35	20.40	20.46	20.42	20.45	20.34	20.38
EIRP(Watts)	0.1094	0.1109	0.1084	0.1096	0.1112	0.1102	0.1109	0.1081	0.1091

LTE Band 7 CA ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	15M+20M			20M+15M			20M + 20M		
Channel PCC	20828	21003	21179	20850	21026	21201	20850	21001	21152
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20999	21174	21350	21021	21197	21372	21048	21199	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.42	20.42	20.43	20.44	20.45	20.41	21.99	21.98	21.98
Conducted Power (Watts)	0.1102	0.1102	0.1104	0.1107	0.1109	0.1099	0.1581	0.1578	0.1578
EIRP(dBm)	20.42	20.42	20.43	20.44	20.45	20.41	21.99	21.98	21.98
EIRP(Watts)	0.1102	0.1102	0.1104	0.1107	0.1109	0.1099	0.1581	0.1578	0.1578



LTE Band 12 ($G_T - L_C = -4.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	23017	23095	23173	23025	23095	23165	23035	23095	23155
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	699.7	707.5	715.3	700.5	707.5	714.5	701.5	707.5	713.5
(MHz)									
Conducted Power (dBm)	23.09	23.05	22.99	23.19	22.99	23.04	23.20	23.19	23.14
Conducted Power (Watts)	0.2037	0.2018	0.1991	0.2084	0.1991	0.2014	0.2089	0.2084	0.2061
ERP(dBm)	16.94	16.90	16.84	17.04	16.84	16.89	17.05	17.04	16.99
ERP(Watts)	0.0494	0.0490	0.0483	0.0506	0.0483	0.0489	0.0507	0.0506	0.0500

LTE Band 12 ($G_T - L_C = -4.0$ dB) QPSK			
Bandwidth	10M		
Channel	23060	23095	23130
	(Low)	(Mid)	(High)
Frequency	704	707.5	711
(MHz)			
Conducted Power (dBm)	23.18	23.25	23.16
Conducted Power (Watts)	0.2080	0.2113	0.2070
ERP(dBm)	17.03	17.10	17.01
ERP(Watts)	0.0505	0.0513	0.0502



LTE Band 12 ($G_T - L_C = -4.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	23017	23095	23173	23025	23095	23165	23035	23095	23155
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency (MHz)	699.7	707.5	715.3	700.5	707.5	714.5	701.5	707.5	713.5
Conducted Power (dBm)	22.56	22.45	22.16	22.40	22.59	22.12	22.18	22.52	22.68
Conducted Power (Watts)	0.1803	0.1758	0.1644	0.1738	0.1816	0.1629	0.1652	0.1786	0.1854
ERP(dBm)	16.41	16.30	16.01	16.25	16.44	15.97	16.03	16.37	16.53
ERP(Watts)	0.0438	0.0427	0.0399	0.0422	0.0441	0.0395	0.0401	0.0434	0.0450

LTE Band 12 ($G_T - L_C = -4.0$ dB) 16QAM			
Bandwidth	10M		
Channel	23060	23095	23130
	(Low)	(Mid)	(High)
Frequency (MHz)	704	707.5	711
Conducted Power (dBm)	22.32	22.74	22.50
Conducted Power (Watts)	0.1706	0.1879	0.1778
ERP(dBm)	16.17	16.59	16.35
ERP(Watts)	0.0414	0.0456	0.0432



LTE Band 12 ($G_T - L_C = -4.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	23017	23095	23173	23025	23095	23165	23035	23095	23155
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	699.7	707.5	715.3	700.5	707.5	714.5	701.5	707.5	713.5
(MHz)									
Conducted Power (dBm)	21.66	21.44	21.66	21.73	21.49	21.73	21.17	21.50	21.67
Conducted Power (Watts)	0.1466	0.1393	0.1466	0.1489	0.1409	0.1489	0.1309	0.1413	0.1469
ERP(dBm)	15.51	15.29	15.51	15.58	15.34	15.58	15.02	15.35	15.52
ERP(Watts)	0.0356	0.0338	0.0356	0.0361	0.0342	0.0361	0.0318	0.0343	0.0356

LTE Band 12 ($G_T - L_C = -4.0$ dB) 64QAM			
Bandwidth	10M		
Channel	23060	23095	23130
	(Low)	(Mid)	(High)
Frequency	704	707.5	711
(MHz)			
Conducted Power (dBm)	21.15	21.03	21.55
Conducted Power (Watts)	0.1303	0.1268	0.1429
ERP(dBm)	15.00	14.88	15.40
ERP(Watts)	0.0316	0.0308	0.0347



LTE Band 17 ($G_T - L_C = -4.0$ dB) QPSK						
Bandwidth	5M			10M		
Channel	23755	23790	23825	23780	23790	23800
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	706.5	710	713.5	709	710	711
(MHz)						
Conducted Power (dBm)	23.22	23.16	23.04	23.22	23.15	23.16
Conducted Power (Watts)	0.2099	0.2070	0.2014	0.2099	0.2065	0.2070
ERP(dBm)	17.07	17.01	16.89	17.07	17.00	17.01
ERP(Watts)	0.0509	0.0502	0.0489	0.0509	0.0501	0.0502

LTE Band 17 ($G_T - L_C = -4.0$ dB) 16QAM						
Bandwidth	5M			10M		
Channel	23755	23790	23825	23780	23790	23800
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	706.5	710	713.5	709	710	711
(MHz)						
Conducted Power (dBm)	22.57	22.63	22.58	22.28	22.39	22.51
Conducted Power (Watts)	0.1807	0.1832	0.1811	0.1690	0.1734	0.1782
ERP(dBm)	16.42	16.48	16.43	16.13	16.24	16.36
ERP(Watts)	0.0439	0.0445	0.0440	0.0410	0.0421	0.0433



LTE Band 17 ($G_T - L_C = -4.0$ dB) 64QAM						
Bandwidth	5M			10M		
Channel	23755	23790	23825	23780	23790	23800
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	706.5	710	713.5	709	710	711
(MHz)						
Conducted Power (dBm)	21.36	21.48	21.58	21.38	21.48	21.59
Conducted Power (Watts)	0.1368	0.1406	0.1439	0.1374	0.1406	0.1442
ERP(dBm)	15.21	15.33	15.43	15.23	15.33	15.44
ERP(Watts)	0.0332	0.0341	0.0349	0.0333	0.0341	0.0350



LTE Band 25 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	22.63	22.73	22.52	22.86	22.63	22.59	22.65	22.93	22.62
Conducted Power (Watts)	0.1832	0.1875	0.1786	0.1932	0.1832	0.1816	0.1841	0.1963	0.1828
EIRP(dBm)	21.63	21.73	21.52	21.86	21.63	21.59	21.65	21.93	21.62
EIRP(Watts)	0.1455	0.1489	0.1419	0.1535	0.1455	0.1442	0.1462	0.1560	0.1452

LTE Band 25 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	23.02	22.94	22.94	22.90	22.83	23.00	23.04	23.08	23.11
Conducted Power (Watts)	0.2004	0.1968	0.1968	0.1950	0.1919	0.1995	0.2014	0.2032	0.2046
EIRP(dBm)	22.02	21.94	21.94	21.90	21.83	22.00	22.04	22.08	22.11
EIRP(Watts)	0.1592	0.1563	0.1563	0.1549	0.1524	0.1585	0.1600	0.1614	0.1626



LTE Band 25 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	22.23	22.25	22.07	22.03	22.20	21.79	22.05	21.90	22.24
Conducted Power (Watts)	0.1671	0.1679	0.1611	0.1596	0.1660	0.1510	0.1603	0.1549	0.1675
EIRP(dBm)	21.23	21.25	21.07	21.03	21.20	20.79	21.05	20.90	21.24
EIRP(Watts)	0.1327	0.1334	0.1279	0.1268	0.1318	0.1199	0.1274	0.1230	0.1330

LTE Band 25 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	22.14	22.30	22.25	22.09	22.02	22.62	22.49	22.01	22.64
Conducted Power (Watts)	0.1637	0.1698	0.1679	0.1618	0.1592	0.1828	0.1774	0.1589	0.1837
EIRP(dBm)	21.14	21.30	21.25	21.09	21.02	21.62	21.49	21.01	21.64
EIRP(Watts)	0.1300	0.1349	0.1334	0.1285	0.1265	0.1452	0.1409	0.1262	0.1459



LTE Band 25 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	20.75	20.81	20.88	20.91	20.98	20.96	20.92	20.93	20.88
Conducted Power (Watts)	0.1189	0.1205	0.1225	0.1233	0.1253	0.1247	0.1236	0.1239	0.1225
EIRP(dBm)	19.75	19.81	19.88	19.91	19.98	19.96	19.92	19.93	19.88
EIRP(Watts)	0.0944	0.0957	0.0973	0.0979	0.0995	0.0991	0.0982	0.0984	0.0973

LTE Band 25 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	21.02	21.17	21.22	20.93	20.96	21.35	21.34	21.35	21.39
Conducted Power (Watts)	0.1265	0.1309	0.1324	0.1239	0.1247	0.1365	0.1361	0.1365	0.1377
EIRP(dBm)	20.02	20.17	20.22	19.93	19.96	20.35	20.34	20.35	20.39
EIRP(Watts)	0.1005	0.1040	0.1052	0.0984	0.0991	0.1084	0.1081	0.1084	0.1094



LTE Band 26 ($G_T - L_C = -2.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	22.97	23.03	23.18	22.85	22.94	23.19	22.93	23.00	23.16
Conducted Power (Watts)	0.1982	0.2009	0.2080	0.1928	0.1968	0.2084	0.1963	0.1995	0.2070
ERP(dBm)	18.82	18.88	19.03	18.70	18.79	19.04	18.78	18.85	19.01
ERP(Watts)	0.0762	0.0773	0.0800	0.0741	0.0757	0.0802	0.0755	0.0767	0.0796

LTE Band 26 ($G_T - L_C = -2.0$ dB) QPSK							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	23.06	23.08	23.24	23.13	23.10	23.25	23.07
Conducted Power (Watts)	0.2023	0.2032	0.2109	0.2056	0.2042	0.2113	0.2028
ERP(dBm)	18.91	18.93	19.09	18.98	18.95	19.10	18.92
ERP(Watts)	0.0778	0.0782	0.0811	0.0791	0.0785	0.0813	0.0780



LTE Band 26 ($G_T - L_C = -2.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	22.42	22.46	22.49	22.11	22.23	22.67	22.28	22.55	22.73
Conducted Power (Watts)	0.1746	0.1762	0.1774	0.1626	0.1671	0.1849	0.1690	0.1799	0.1875
ERP(dBm)	18.27	18.31	18.34	17.96	18.08	18.52	18.13	18.40	18.58
ERP(Watts)	0.0671	0.0678	0.0682	0.0625	0.0643	0.0711	0.0650	0.0692	0.0721

LTE Band 26 ($G_T - L_C = -2.0$ dB) 16QAM							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	22.02	22.42	22.67	22.69	22.66	22.36	22.61
Conducted Power (Watts)	0.1592	0.1746	0.1849	0.1858	0.1845	0.1722	0.1824
ERP(dBm)	17.87	18.27	18.52	18.54	18.51	18.21	18.46
ERP(Watts)	0.0612	0.0671	0.0711	0.0714	0.0710	0.0662	0.0701



LTE Band 26 ($G_T - L_C = -2.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.41	21.45	21.69	21.34	21.44	21.63	21.40	21.44	21.57
Conducted Power (Watts)	0.1384	0.1396	0.1476	0.1361	0.1393	0.1455	0.1380	0.1393	0.1435
ERP(dBm)	17.26	17.30	17.54	17.19	17.29	17.48	17.25	17.29	17.42
ERP(Watts)	0.0532	0.0537	0.0568	0.0524	0.0536	0.0560	0.0531	0.0536	0.0552

LTE Band 26 ($G_T - L_C = -2.0$ dB) 64QAM							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	21.53	21.46	21.68	21.50	21.47	21.66	21.63
Conducted Power (Watts)	0.1422	0.1400	0.1472	0.1413	0.1403	0.1466	0.1455
ERP(dBm)	17.38	17.31	17.53	17.35	17.32	17.51	17.48
ERP(Watts)	0.0547	0.0538	0.0566	0.0543	0.0540	0.0564	0.0560



LTE Band 38 ($G_T - L_C = 0$ dB) QPSK			
Bandwidth	5M		
Channel	37775	38000	38225
	(Low)	(Mid)	(High)
Frequency	2572.5	2595	2617.5
(MHz)			
Conducted Power (dBm)	22.81	22.58	23.01
Conducted Power (Watts)	0.1910	0.1811	0.2000
EIRP(dBm)	22.81	22.58	23.01
EIRP(Watts)	0.1910	0.1811	0.2000

LTE Band 38 ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	37800	38000	38200	37825	38000	38175	37850	38000	38150
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	2575	2595	2615	2577.5	2595	2612.5	2580	2595	2610
(MHz)									
Conducted Power (dBm)	22.89	22.76	23.00	22.99	22.83	22.97	22.92	22.75	23.02
Conducted Power (Watts)	0.1945	0.1888	0.1995	0.1991	0.1919	0.1982	0.1959	0.1884	0.2004
EIRP(dBm)	22.89	22.76	23.00	22.99	22.83	22.97	22.92	22.75	23.02
EIRP(Watts)	0.1945	0.1888	0.1995	0.1991	0.1919	0.1982	0.1959	0.1884	0.2004



LTE Band 38 ($G_T - L_C = 0$ dB) 16QAM			
Bandwidth	5M		
Channel	37775	38000	38225
	(Low)	(Mid)	(High)
Frequency	2572.5	2595	2617.5
(MHz)			
Conducted Power (dBm)	22.36	21.89	22.17
Conducted Power (Watts)	0.1722	0.1545	0.1648
EIRP(dBm)	22.36	21.89	22.17
EIRP(Watts)	0.1722	0.1545	0.1648

LTE Band 38 ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	37800	38000	38200	37825	38000	38175	37850	38000	38150
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	2575	2595	2615	2577.5	2595	2612.5	2580	2595	2610
(MHz)									
Conducted Power (dBm)	22.29	22.08	22.17	22.30	21.86	22.14	22.30	22.28	22.09
Conducted Power (Watts)	0.1694	0.1614	0.1648	0.1698	0.1535	0.1637	0.1698	0.1690	0.1618
EIRP(dBm)	22.29	22.08	22.17	22.30	21.86	22.14	22.30	22.28	22.09
EIRP(Watts)	0.1694	0.1614	0.1648	0.1698	0.1535	0.1637	0.1698	0.1690	0.1618



LTE Band 38 ($G_T - L_C = 0$ dB) 64QAM			
Bandwidth	5M		
Channel	37775	38000	38225
	(Low)	(Mid)	(High)
Frequency	2572.5	2595	2617.5
(MHz)			
Conducted Power (dBm)	21.49	21.27	21.39
Conducted Power (Watts)	0.1409	0.1340	0.1377
EIRP(dBm)	21.49	21.27	21.39
EIRP(Watts)	0.1409	0.1340	0.1377

LTE Band 38 ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	37800	38000	38200	37825	38000	38175	37850	38000	38150
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	2575	2595	2615	2577.5	2595	2612.5	2580	2595	2610
(MHz)									
Conducted Power (dBm)	21.49	21.30	21.40	21.43	21.30	21.49	21.40	21.38	21.18
Conducted Power (Watts)	0.1409	0.1349	0.1380	0.1390	0.1349	0.1409	0.1380	0.1374	0.1312
EIRP(dBm)	21.49	21.30	21.40	21.43	21.30	21.49	21.40	21.38	21.18
EIRP(Watts)	0.1409	0.1349	0.1380	0.1390	0.1349	0.1409	0.1380	0.1374	0.1312



LTE Band 41 ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	5M			10M			15M		
Channel	39675	40620	41565	39700	40620	41540	39725	40620	41515
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2498.5	2593	2687.5	2501	2593	2685	2503.5	2593	2682.5
(MHz)									
Conducted Power (dBm)	22.66	22.60	22.98	22.58	22.62	23.04	23.02	22.69	23.26
Conducted Power (Watts)	0.1845	0.1820	0.1986	0.1811	0.1828	0.2014	0.2004	0.1858	0.2118
EIRP(dBm)	22.66	22.60	22.98	22.58	22.62	23.04	23.02	22.69	23.26
EIRP(Watts)	0.1845	0.1820	0.1986	0.1811	0.1828	0.2014	0.2004	0.1858	0.2118

LTE Band 41 ($G_T - L_C = 0$ dB) QPSK			
Bandwidth	20M		
Channel	39750	40620	41490
	(Low)	(Mid)	(High)
Frequency	2506	2593	2680
(MHz)			
Conducted Power (dBm)	23.04	22.86	23.30
Conducted Power (Watts)	0.2014	0.1932	0.2138
EIRP(dBm)	23.04	22.86	23.30
EIRP(Watts)	0.2014	0.1932	0.2138

LTE Band 41 ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	5M			10M			15M		
Channel	39675	40620	41565	39700	40620	41540	39725	40620	41515
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2498.5	2593	2687.5	2501	2593	2685	2503.5	2593	2682.5
(MHz)									
Conducted Power (dBm)	22.05	22.01	22.15	22.25	21.92	22.52	22.24	22.15	22.47
Conducted Power (Watts)	0.1603	0.1589	0.1641	0.1679	0.1556	0.1786	0.1675	0.1641	0.1766
EIRP(dBm)	22.05	22.01	22.15	22.25	21.92	22.52	22.24	22.15	22.47
EIRP(Watts)	0.1603	0.1589	0.1641	0.1679	0.1556	0.1786	0.1675	0.1641	0.1766

LTE Band 41 ($G_T - L_C = 0$ dB) 16QAM			
Bandwidth	20M		
Channel	39750	40620	41490
	(Low)	(Mid)	(High)
Frequency	2506	2593	2680
(MHz)			
Conducted Power (dBm)	22.09	22.04	21.40
Conducted Power (Watts)	0.1618	0.1600	0.1380
EIRP(dBm)	22.09	22.04	21.40
EIRP(Watts)	0.1618	0.1600	0.1380



LTE Band 41 ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	5M			10M			15M		
Channel	39675	40620	41565	39700	40620	41540	39725	40620	41515
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2498.5	2593	2687.5	2501	2593	2685	2503.5	2593	2682.5
(MHz)									
Conducted Power (dBm)	21.10	21.14	21.13	21.07	21.03	21.13	21.07	21.06	21.10
Conducted Power (Watts)	0.1288	0.1300	0.1297	0.1279	0.1268	0.1297	0.1279	0.1276	0.1288
EIRP(dBm)	21.10	21.14	21.13	21.07	21.03	21.13	21.07	21.06	21.10
EIRP(Watts)	0.1288	0.1300	0.1297	0.1279	0.1268	0.1297	0.1279	0.1276	0.1288

LTE Band 41 ($G_T - L_C = 0$ dB) 64QAM			
Bandwidth	20M		
Channel	39750	40620	41490
	(Low)	(Mid)	(High)
Frequency	2506	2593	2680
(MHz)			
Conducted Power (dBm)	21.15	21.19	21.22
Conducted Power (Watts)	0.1303	0.1315	0.1324
EIRP(dBm)	21.15	21.19	21.22
EIRP(Watts)	0.1303	0.1315	0.1324



LTE Band 41 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	15M + 15M			5M + 20M			20M + 5M		
Channel PCC	39725	40545	41365	39683	40528	41373	39750	40595	41440
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39875	40695	41515	39800	40645	41490	39867	40712	41557
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.25	23.26	23.20	23.21	23.29	23.27	23.23	23.22	23.21
Conducted Power (Watts)	0.2113	0.2118	0.2089	0.2094	0.2133	0.2123	0.2104	0.2099	0.2094
EIRP(dBm)	23.25	23.26	23.20	23.21	23.29	23.27	23.23	23.22	23.21
EIRP(Watts)	0.2113	0.2118	0.2089	0.2094	0.2133	0.2123	0.2104	0.2099	0.2094

LTE Band 41 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	10M + 20M			20M + 10M			15M + 20M		
Channel PCC	39705	40526	41346	39750	40571	41391	39728	40523	41319
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39849	40670	41490	39894	40715	41535	39899	40694	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.22	23.26	23.23	23.24	23.22	23.28	23.25	23.28	23.27
Conducted Power (Watts)	0.2099	0.2118	0.2104	0.2109	0.2099	0.2128	0.2113	0.2128	0.2123
EIRP(dBm)	23.22	23.26	23.23	23.24	23.22	23.28	23.25	23.28	23.27
EIRP(Watts)	0.2099	0.2118	0.2104	0.2109	0.2099	0.2128	0.2113	0.2128	0.2123

LTE Band 41 CA ($G_T - L_C = 0$ dB) QPSK						
Bandwidth	20M+15M			20M+20M		
Channel PCC	39750	40546	41341	39750	40521	41292
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39921	40717	41512	39948	40719	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.28	23.26	23.29	23.17	23.29	23.29
Conducted Power (Watts)	0.2128	0.2118	0.2133	0.2075	0.2133	0.2133
EIRP(dBm)	23.28	23.26	23.29	23.17	23.29	23.29
EIRP(Watts)	0.2128	0.2118	0.2133	0.2075	0.2133	0.2133

LTE Band 41 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	15M + 15M			5M + 20M			20M + 5M		
Channel PCC	39725	40545	41365	39683	40528	41373	39750	40595	41440
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39875	40695	41515	39800	40645	41490	39867	40712	41557
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.48	22.59	22.48	22.54	22.72	22.70	22.57	22.74	22.61
Conducted Power (Watts)	0.1770	0.1816	0.1770	0.1795	0.1871	0.1862	0.1807	0.1879	0.1824
EIRP(dBm)	22.48	22.59	22.48	22.54	22.72	22.70	22.57	22.74	22.61
EIRP(Watts)	0.1770	0.1816	0.1770	0.1795	0.1871	0.1862	0.1807	0.1879	0.1824

LTE Band 41 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	10M + 20M			20M + 10M			15M + 20M		
Channel PCC	39705	40526	41346	39750	40571	41391	39728	40523	41319
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39849	40670	41490	39894	40715	41535	39899	40694	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.60	22.67	22.69	22.54	22.57	22.66	22.55	22.57	22.55
Conducted Power (Watts)	0.1820	0.1849	0.1858	0.1795	0.1807	0.1845	0.1799	0.1807	0.1799
EIRP(dBm)	22.60	22.67	22.69	22.54	22.57	22.66	22.55	22.57	22.55
EIRP(Watts)	0.1820	0.1849	0.1858	0.1795	0.1807	0.1845	0.1799	0.1807	0.1799

LTE Band 41 CA ($G_T - L_C = 0$ dB) 16QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	39750	40546	41341	39750	40521	41292
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39921	40717	41512	39948	40719	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.58	22.68	22.79	22.74	22.96	22.92
Conducted Power (Watts)	0.1811	0.1854	0.1901	0.1879	0.1977	0.1959
EIRP(dBm)	22.58	22.68	22.79	22.74	22.96	22.92
EIRP(Watts)	0.1811	0.1854	0.1901	0.1879	0.1977	0.1959



LTE Band 41 CA ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	15M + 15M			5M + 20M			20M + 5M		
Channel PCC	39725	40545	41365	39683	40528	41373	39750	40595	41440
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39875	40695	41515	39800	40645	41490	39867	40712	41557
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.84	20.93	21.00	20.82	20.93	20.92	20.86	20.96	20.82
Conducted Power (Watts)	0.1213	0.1239	0.1259	0.1208	0.1239	0.1236	0.1219	0.1247	0.1208
EIRP(dBm)	20.84	20.93	21.00	20.82	20.93	20.92	20.86	20.96	20.82
EIRP(Watts)	0.1213	0.1239	0.1259	0.1208	0.1239	0.1236	0.1219	0.1247	0.1208

LTE Band 41 CA ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	10M + 20M			20M + 10M			15M + 20M		
Channel PCC	39705	40526	41346	39750	40571	41391	39728	40523	41319
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39849	40670	41490	39894	40715	41535	39899	40694	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.86	20.94	20.97	20.74	20.91	20.85	20.59	20.81	20.61
Conducted Power (Watts)	0.1219	0.1242	0.1250	0.1186	0.1233	0.1216	0.1146	0.1205	0.1151
EIRP(dBm)	20.86	20.94	20.97	20.74	20.91	20.85	20.59	20.81	20.61
EIRP(Watts)	0.1219	0.1242	0.1250	0.1186	0.1233	0.1216	0.1146	0.1205	0.1151

LTE Band 41 CA ($G_T - L_C = 0$ dB) 64QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	39750	40546	41341	39750	40521	41292
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39921	40717	41512	39948	40719	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.80	20.79	20.88	21.83	21.98	21.35
Conducted Power (Watts)	0.1202	0.1199	0.1225	0.1524	0.1578	0.1365
EIRP(dBm)	20.80	20.79	20.88	21.83	21.98	21.35
EIRP(Watts)	0.1202	0.1199	0.1225	0.1524	0.1578	0.1365



LTE Band 66 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	22.86	23.09	22.94	22.84	23.10	22.90	22.92	23.18	22.93
Conducted Power (Watts)	0.1932	0.2037	0.1968	0.1923	0.2042	0.1950	0.1959	0.2080	0.1963
EIRP(dBm)	21.86	22.09	21.94	21.84	22.10	21.90	21.92	22.18	21.93
EIRP(Watts)	0.1535	0.1618	0.1563	0.1528	0.1622	0.1549	0.1556	0.1652	0.1560

LTE Band 66 ($G_T - L_C = -1.0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	22.97	23.11	23.07	23.05	23.22	23.04	23.03	23.23	23.13
Conducted Power (Watts)	0.1982	0.2046	0.2028	0.2018	0.2099	0.2014	0.2009	0.2104	0.2056
EIRP(dBm)	21.97	22.11	22.07	22.05	22.22	22.04	22.03	22.23	22.13
EIRP(Watts)	0.1574	0.1626	0.1611	0.1603	0.1667	0.1600	0.1596	0.1671	0.1633



LTE Band 66 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	22.34	22.44	22.14	21.94	22.52	22.03	22.36	22.50	22.21
Conducted Power (Watts)	0.1714	0.1754	0.1637	0.1563	0.1786	0.1596	0.1722	0.1778	0.1663
EIRP(dBm)	21.34	21.44	21.14	20.94	21.52	21.03	21.36	21.50	21.21
EIRP(Watts)	0.1361	0.1393	0.1300	0.1242	0.1419	0.1268	0.1368	0.1413	0.1321

LTE Band 66 ($G_T - L_C = -1.0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	22.37	22.69	22.55	22.50	22.64	22.56	22.60	22.82	22.09
Conducted Power (Watts)	0.1726	0.1858	0.1799	0.1778	0.1837	0.1803	0.1820	0.1914	0.1618
EIRP(dBm)	21.37	21.69	21.55	21.50	21.64	21.56	21.60	21.82	21.09
EIRP(Watts)	0.1371	0.1476	0.1429	0.1413	0.1459	0.1432	0.1445	0.1521	0.1285



LTE Band 66 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	21.56	21.27	21.57	21.53	21.25	21.58	21.58	21.33	21.50
Conducted Power (Watts)	0.1432	0.1340	0.1435	0.1422	0.1334	0.1439	0.1439	0.1358	0.1413
EIRP(dBm)	20.56	20.27	20.57	20.53	20.25	20.58	20.58	20.33	20.50
EIRP(Watts)	0.1138	0.1064	0.1140	0.1130	0.1059	0.1143	0.1143	0.1079	0.1122

LTE Band 66 ($G_T - L_C = -1.0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	21.38	21.34	21.67	21.76	21.44	21.61	21.64	21.49	21.59
Conducted Power (Watts)	0.1374	0.1361	0.1469	0.1500	0.1393	0.1449	0.1459	0.1409	0.1442
EIRP(dBm)	20.38	20.34	20.67	20.76	20.44	20.61	20.64	20.49	20.59
EIRP(Watts)	0.1091	0.1081	0.1167	0.1191	0.1107	0.1151	0.1159	0.1119	0.1146

<Bottom Antenna>

LTE Band 2 ($G_T - L_C = -0.5$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	22.71	22.74	22.83	22.66	22.66	22.90	22.83	22.98	22.83
Conducted Power (Watts)	0.1866	0.1879	0.1919	0.1845	0.1845	0.1950	0.1919	0.1986	0.1919
EIRP(dBm)	22.21	22.24	22.33	22.16	22.16	22.40	22.33	22.48	22.33
EIRP(Watts)	0.1663	0.1675	0.1710	0.1644	0.1644	0.1738	0.1710	0.1770	0.1710

LTE Band 2 ($G_T - L_C = -0.5$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	23.35	22.96	23.21	22.86	22.93	23.09	23.26	23.30	23.36
Conducted Power (Watts)	0.2163	0.1977	0.2094	0.1932	0.1963	0.2037	0.2118	0.2138	0.2168
EIRP(dBm)	22.85	22.46	22.71	22.36	22.43	22.59	22.76	22.80	22.86
EIRP(Watts)	0.1928	0.1762	0.1866	0.1722	0.1750	0.1816	0.1888	0.1905	0.1932



LTE Band 2 ($G_T - L_C = -0.5$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	21.90	22.36	22.11	22.21	22.08	22.28	21.99	22.38	22.28
Conducted Power (Watts)	0.1549	0.1722	0.1626	0.1663	0.1614	0.1690	0.1581	0.1730	0.1690
EIRP(dBm)	21.40	21.86	21.61	21.71	21.58	21.78	21.49	21.88	21.78
EIRP(Watts)	0.1380	0.1535	0.1449	0.1483	0.1439	0.1507	0.1409	0.1542	0.1507

LTE Band 2 ($G_T - L_C = -0.5$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	22.12	22.16	22.33	22.18	21.88	22.69	22.38	22.61	22.38
Conducted Power (Watts)	0.1629	0.1644	0.1710	0.1652	0.1542	0.1858	0.1730	0.1824	0.1730
EIRP(dBm)	21.62	21.66	21.83	21.68	21.38	22.19	21.88	22.11	21.88
EIRP(Watts)	0.1452	0.1466	0.1524	0.1472	0.1374	0.1656	0.1542	0.1626	0.1542



LTE Band 2 ($G_T - L_C = -0.5$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	20.78	20.85	21.38	20.92	20.95	21.20	20.67	21.06	20.94
Conducted Power (Watts)	0.1197	0.1216	0.1374	0.1236	0.1245	0.1318	0.1167	0.1276	0.1242
EIRP(dBm)	20.28	20.35	20.88	20.42	20.45	20.70	20.17	20.56	20.44
EIRP(Watts)	0.1067	0.1084	0.1225	0.1102	0.1109	0.1175	0.1040	0.1138	0.1107

LTE Band 2 ($G_T - L_C = -0.5$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	21.19	21.23	21.41	21.47	21.17	21.06	21.47	21.07	21.27
Conducted Power (Watts)	0.1315	0.1327	0.1384	0.1403	0.1309	0.1276	0.1403	0.1279	0.1340
EIRP(dBm)	20.69	20.73	20.91	20.97	20.67	20.56	21.07	20.57	20.77
EIRP(Watts)	0.1172	0.1183	0.1233	0.1250	0.1167	0.1138	0.1279	0.1140	0.1194



LTE Band 4 ($G_T - L_C = -0.5$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	22.94	23.07	23.02	22.96	23.12	22.97	23.26	23.11	23.07
Conducted Power (Watts)	0.1968	0.2028	0.2004	0.1977	0.2051	0.1982	0.2118	0.2046	0.2028
EIRP(dBm)	22.44	22.57	22.52	22.46	22.62	22.47	22.76	22.61	22.57
EIRP(Watts)	0.1754	0.1807	0.1786	0.1762	0.1828	0.1766	0.1888	0.1824	0.1807

LTE Band 4 ($G_T - L_C = -0.5$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	22.96	23.21	23.10	23.14	23.25	23.25	23.10	23.37	23.28
Conducted Power (Watts)	0.1977	0.2094	0.2042	0.2061	0.2113	0.2113	0.2042	0.2173	0.2128
EIRP(dBm)	22.46	22.71	22.60	22.64	22.75	22.75	22.60	22.87	22.78
EIRP(Watts)	0.1762	0.1866	0.1820	0.1837	0.1884	0.1884	0.1820	0.1936	0.1897



LTE Band 4 ($G_T - L_C = -0.5$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	22.14	22.31	22.01	22.32	22.54	22.03	22.05	22.63	22.00
Conducted Power (Watts)	0.1637	0.1702	0.1589	0.1706	0.1795	0.1596	0.1603	0.1832	0.1585
EIRP(dBm)	21.64	21.81	21.51	21.82	22.04	21.53	21.55	22.13	21.50
EIRP(Watts)	0.1459	0.1517	0.1416	0.1521	0.1600	0.1422	0.1429	0.1633	0.1413

LTE Band 4 ($G_T - L_C = -0.5$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	22.23	22.70	22.52	22.33	22.67	22.54	22.35	22.76	22.47
Conducted Power (Watts)	0.1671	0.1862	0.1786	0.1710	0.1849	0.1795	0.1718	0.1888	0.1766
EIRP(dBm)	21.73	22.20	22.02	21.83	22.17	22.04	21.85	22.26	21.97
EIRP(Watts)	0.1489	0.1660	0.1592	0.1524	0.1648	0.1600	0.1531	0.1683	0.1574



LTE Band 4 ($G_T - L_C = -0.5$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
(MHz)									
Conducted Power (dBm)	21.26	21.34	21.36	21.30	21.38	21.47	21.35	21.44	21.38
Conducted Power (Watts)	0.1337	0.1361	0.1368	0.1349	0.1374	0.1403	0.1365	0.1393	0.1374
EIRP(dBm)	20.76	20.84	20.86	20.80	20.88	20.97	20.85	20.94	20.88
EIRP(Watts)	0.1191	0.1213	0.1219	0.1202	0.1225	0.1250	0.1216	0.1242	0.1225

LTE Band 4 ($G_T - L_C = -0.5$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	20.99	21.46	21.27	21.15	21.48	21.35	21.03	21.47	21.19
Conducted Power (Watts)	0.1256	0.1400	0.1340	0.1303	0.1406	0.1365	0.1268	0.1403	0.1315
EIRP(dBm)	22.76	22.61	22.57	20.65	20.98	20.85	20.53	20.97	20.69
EIRP(Watts)	0.1888	0.1824	0.1807	0.1161	0.1253	0.1216	0.1130	0.1250	0.1172



LTE Band 5 ($G_T - L_C = -2.0$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	22.90	22.96	22.91	22.89	22.96	22.93	23.01	22.98	22.87
Conducted Power (Watts)	0.1950	0.1977	0.1954	0.1945	0.1977	0.1963	0.2000	0.1986	0.1936
ERP(dBm)	18.75	18.81	18.76	18.74	18.81	18.78	18.86	18.83	18.72
ERP(Watts)	0.0750	0.0760	0.0752	0.0748	0.0760	0.0755	0.0769	0.0764	0.0745

LTE Band 5 ($G_T - L_C = -2.0$ dB) QPSK			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	23.02	22.93	23.03
Conducted Power (Watts)	0.2004	0.1963	0.2009
ERP(dBm)	18.87	18.78	18.88
ERP(Watts)	0.0771	0.0755	0.0773



LTE Band 5 ($G_T - L_C = -2.0$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.95	22.41	22.31	22.08	22.02	22.36	22.41	21.94	22.20
Conducted Power (Watts)	0.1567	0.1742	0.1702	0.1614	0.1592	0.1722	0.1742	0.1563	0.1660
ERP(dBm)	17.80	18.26	18.16	17.93	17.87	18.21	18.26	17.79	18.05
ERP(Watts)	0.0603	0.0670	0.0655	0.0621	0.0612	0.0662	0.0670	0.0601	0.0638

LTE Band 5 ($G_T - L_C = -2.0$ dB) 16QAM			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	21.89	22.49	22.35
Conducted Power (Watts)	0.1545	0.1774	0.1718
ERP(dBm)	17.74	18.34	18.20
ERP(Watts)	0.0594	0.0682	0.0661



LTE Band 5 ($G_T - L_C = -2.0$ dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	20407	20525	20643	20415	20525	20635	20425	20525	20625
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.86	21.48	21.57	21.53	21.48	21.83	21.96	21.50	21.75
Conducted Power (Watts)	0.1535	0.1406	0.1435	0.1422	0.1406	0.1524	0.1570	0.1413	0.1496
ERP(dBm)	17.71	17.33	17.42	17.38	17.33	17.68	17.81	17.35	17.60
ERP(Watts)	0.0590	0.0541	0.0552	0.0547	0.0541	0.0586	0.0604	0.0543	0.0575

LTE Band 5 ($G_T - L_C = -2.0$ dB) 64QAM			
Bandwidth	10M		
Channel	20450	20525	20600
	(Low)	(Mid)	(High)
Frequency	829	836.5	844
(MHz)			
Conducted Power (dBm)	21.48	21.50	21.78
Conducted Power (Watts)	0.1406	0.1413	0.1507
ERP(dBm)	17.33	17.35	17.63
ERP(Watts)	0.0541	0.0543	0.0579



LTE Band 7 ($G_T - L_C = 0$ dB) QPSK			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	22.74	22.98	22.98
Conducted Power (Watts)	0.1879	0.1986	0.1986
EIRP(dBm)	22.74	22.98	22.98
EIRP(Watts)	0.1879	0.1986	0.1986

LTE Band 7 ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	22.85	23.11	23.02	22.76	23.10	23.15	22.92	23.13	23.17
Conducted Power (Watts)	0.1928	0.2046	0.2004	0.1888	0.2042	0.2065	0.1959	0.2056	0.2075
EIRP(dBm)	22.85	23.11	23.02	22.76	23.10	23.15	22.92	23.13	23.17
EIRP(Watts)	0.1928	0.2046	0.2004	0.1888	0.2042	0.2065	0.1959	0.2056	0.2075

LTE Band 7 ($G_T - L_C = 0$ dB) 16QAM			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	22.14	22.41	21.77
Conducted Power (Watts)	0.1637	0.1742	0.1503
EIRP(dBm)	22.14	22.41	21.77
EIRP(Watts)	0.1637	0.1742	0.1503

LTE Band 7 ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	21.89	22.50	22.61	21.89	22.55	21.85	22.11	22.49	21.96
Conducted Power (Watts)	0.1545	0.1778	0.1824	0.1545	0.1799	0.1531	0.1626	0.1774	0.1570
EIRP(dBm)	21.89	22.50	22.61	21.89	22.55	21.85	22.11	22.49	21.96
EIRP(Watts)	0.1545	0.1778	0.1824	0.1545	0.1799	0.1531	0.1626	0.1774	0.1570



LTE Band 7 ($G_T - L_C = 0$ dB) 64QAM			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	21.08	21.00	20.93
Conducted Power (Watts)	0.1282	0.1259	0.1239
EIRP(dBm)	21.08	21.00	20.93
EIRP(Watts)	0.1282	0.1259	0.1239

LTE Band 7 ($G_T - L_C = 0$ dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
(MHz)									
Conducted Power (dBm)	20.50	21.12	21.24	21.09	21.21	21.20	21.26	21.32	21.24
Conducted Power (Watts)	0.1122	0.1294	0.1330	0.1285	0.1321	0.1318	0.1337	0.1355	0.1330
EIRP(dBm)	20.50	21.12	21.24	21.09	21.21	21.20	21.26	21.32	21.24
EIRP(Watts)	0.1122	0.1294	0.1330	0.1285	0.1321	0.1318	0.1337	0.1355	0.1330

LTE Band 7 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	15M + 15M			10M + 20M			20M+10M		
Channel PCC	20825	21025	21225	20805	21006	21206	20850	21051	21251
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20975	21175	21375	20949	21150	21350	20994	21195	21395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.14	23.13	23.11	23.16	23.13	23.10	23.16	23.16	23.13
Conducted Power (Watts)	0.2061	0.2056	0.2046	0.2070	0.2056	0.2042	0.2070	0.2070	0.2056
EIRP(dBm)	23.14	23.13	23.11	23.16	23.13	23.10	23.16	23.16	23.13
EIRP(Watts)	0.2061	0.2056	0.2046	0.2070	0.2056	0.2042	0.2070	0.2070	0.2056

LTE Band 7 CA ($G_T - L_C = 0$ dB) QPSK									
Bandwidth	15M+20M			20M+15M			20M + 20M		
Channel PCC	20828	21003	21179	20850	21026	21201	20850	21001	21152
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20999	21174	21350	21021	21197	21372	21048	21199	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.14	23.13	23.02	23.14	23.14	23.14	23.12	23.42	23.09
Conducted Power (Watts)	0.2061	0.2056	0.2004	0.2061	0.2061	0.2061	0.2051	0.2198	0.2037
EIRP(dBm)	23.14	23.13	23.02	23.14	23.14	23.14	23.12	23.42	23.09
EIRP(Watts)	0.2061	0.2056	0.2004	0.2061	0.2061	0.2061	0.2051	0.2198	0.2037



LTE Band 7 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	15M + 15M			10M + 20M			20M+10M		
Channel PCC	20825	21025	21225	20805	21006	21206	20850	21051	21251
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20975	21175	21375	20949	21150	21350	20994	21195	21395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.46	22.39	22.34	22.36	22.33	22.05	22.48	22.37	22.43
Conducted Power (Watts)	0.1762	0.1734	0.1714	0.1722	0.1710	0.1603	0.1770	0.1726	0.1750
EIRP(dBm)	22.46	22.39	22.34	22.36	22.33	22.05	22.48	22.37	22.43
EIRP(Watts)	0.1762	0.1734	0.1714	0.1722	0.1710	0.1603	0.1770	0.1726	0.1750

LTE Band 7 CA ($G_T - L_C = 0$ dB) 16QAM									
Bandwidth	15M+20M			20M+15M			20M + 20M		
Channel PCC	20828	21003	21179	20850	21026	21201	20850	21001	21152
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20999	21174	21350	21021	21197	21372	21048	21199	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.43	22.46	22.21	22.48	22.44	22.33	22.85	22.55	22.65
Conducted Power (Watts)	0.1750	0.1762	0.1663	0.1770	0.1754	0.1710	0.1928	0.1799	0.1841
EIRP(dBm)	22.43	22.46	22.21	22.48	22.44	22.33	22.85	22.55	22.65
EIRP(Watts)	0.1750	0.1762	0.1663	0.1770	0.1754	0.1710	0.1928	0.1799	0.1841