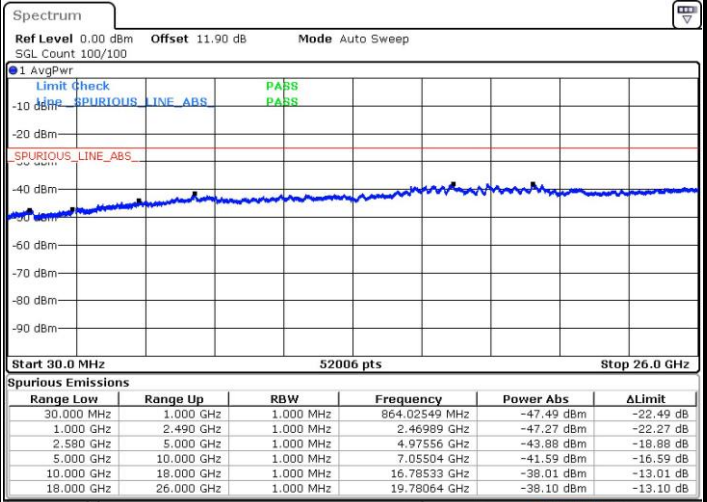
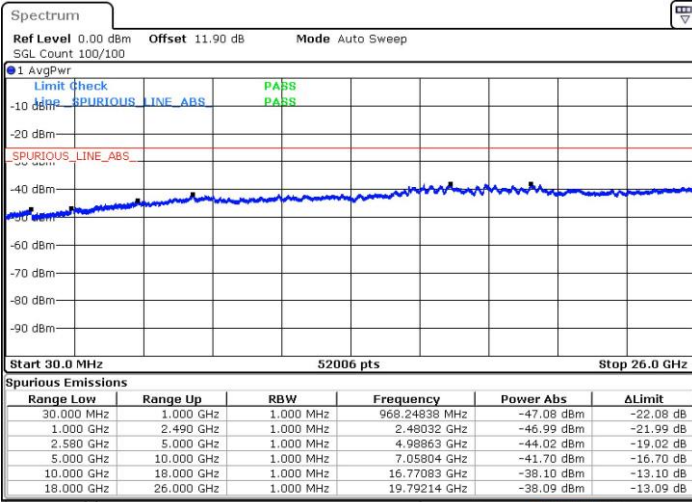




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

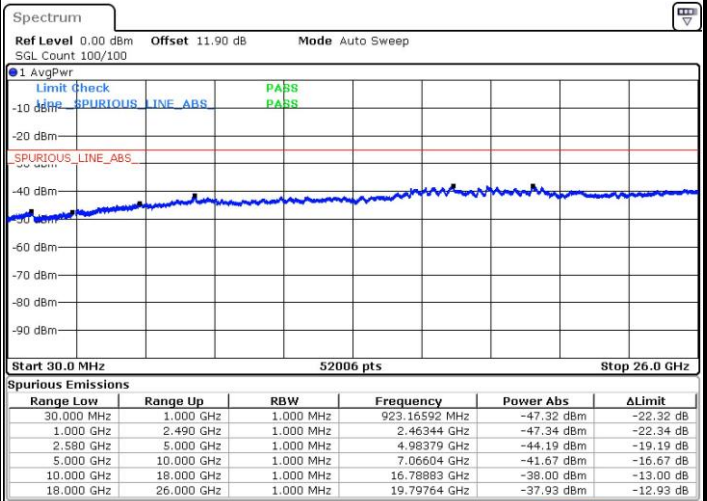
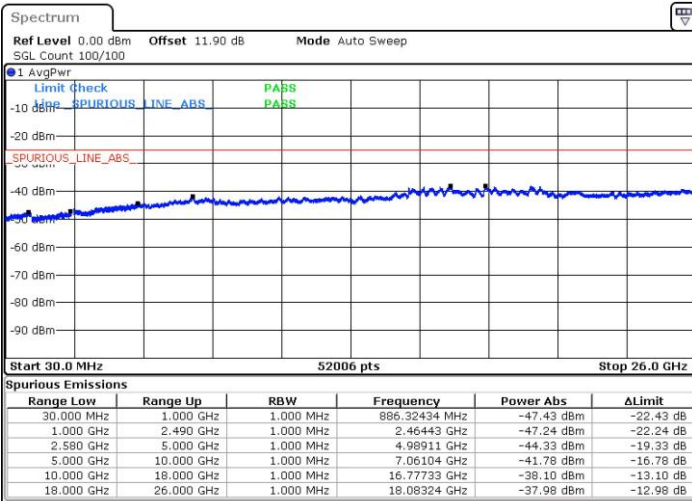


Date: 23 APR 2016 09:34:57

Date: 23 APR 2016 09:35:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 09:42:06

Date: 23 APR 2016 09:43:00



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0058	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

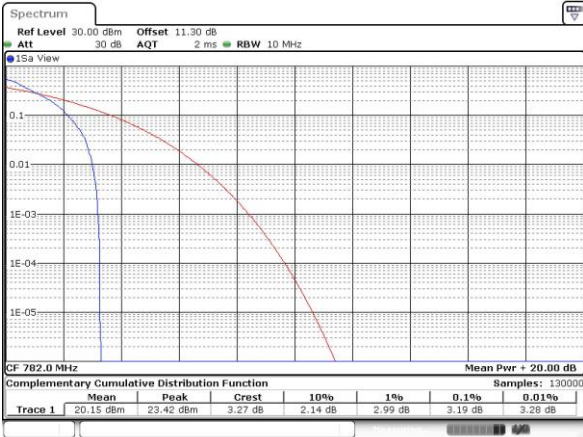
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.19	5.13	4.23	5.97	
Highest CH	-	-	-	-	



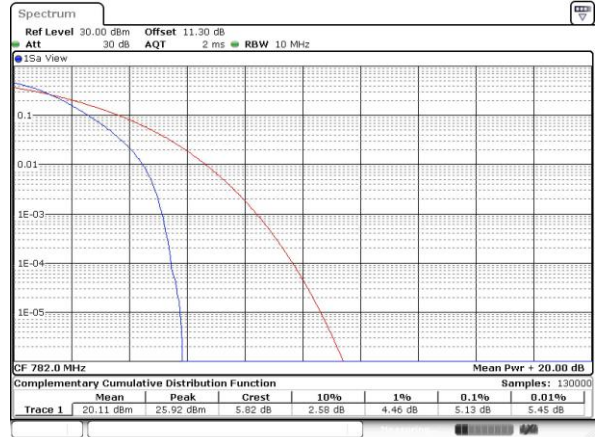
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 24 APR 2016 08:59:59

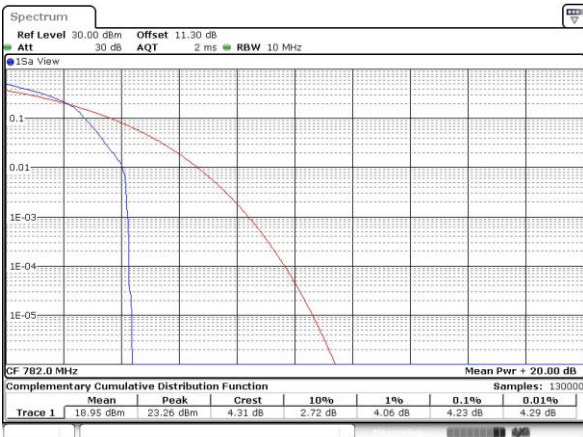
Middle Channel / Full RB



Date: 24 APR 2016 09:00:09

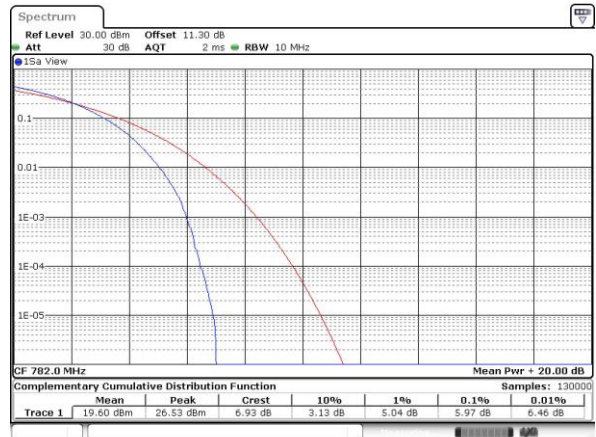
LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 24 APR 2016 08:59:37

Middle Channel / Full RB



Date: 24 APR 2016 08:59:47



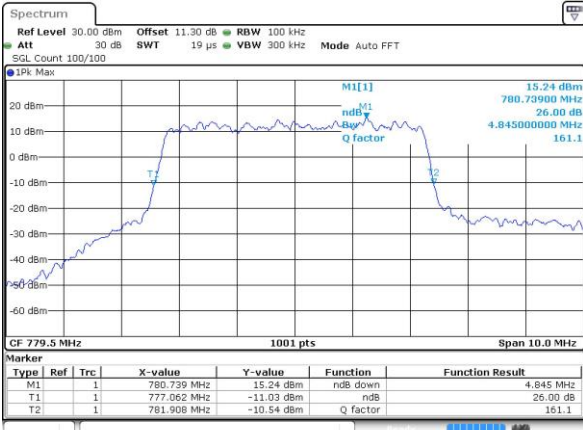
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.85	4.89	-	-	-	-	-	-
Middle CH	-	-	-	-	4.88	4.89	9.83	9.65	-	-	-	-
Highest CH	-	-	-	-	4.92	4.90	-	-	-	-	-	-



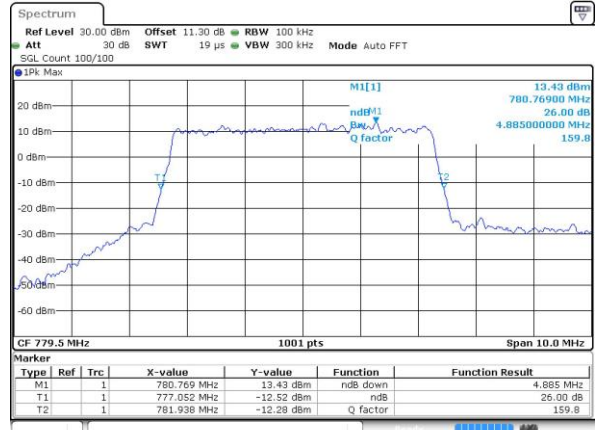
LTE Band 13

Lowest Channel / 5MHz / QPSK



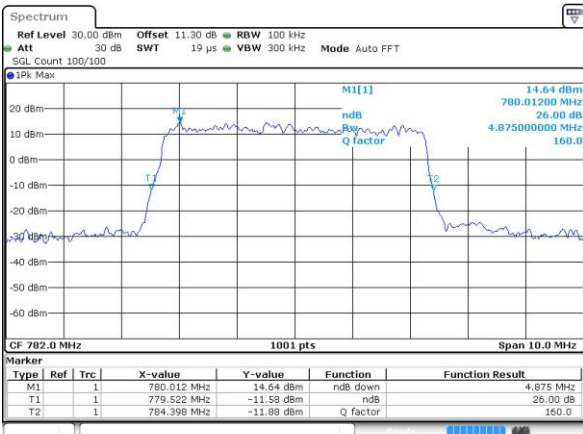
Date: 24 APR 2016 08:33:52

Lowest Channel / 5MHz / 16QAM



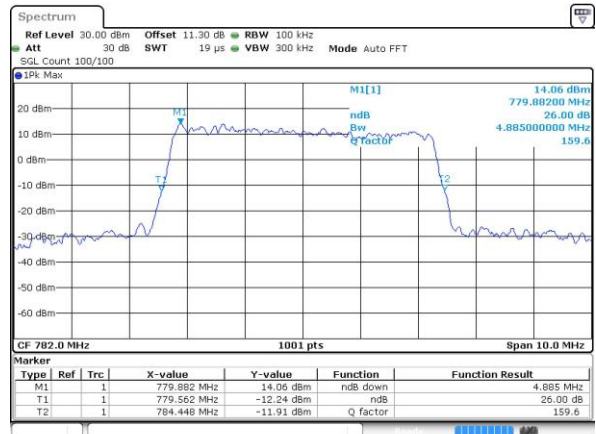
Date: 24 APR 2016 08:33:42

Middle Channel / 5MHz / QPSK



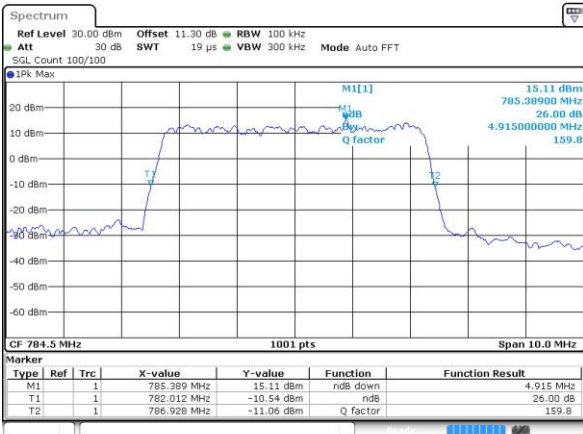
Date: 24 APR 2016 08:42:17

Middle Channel / 5MHz / 16QAM



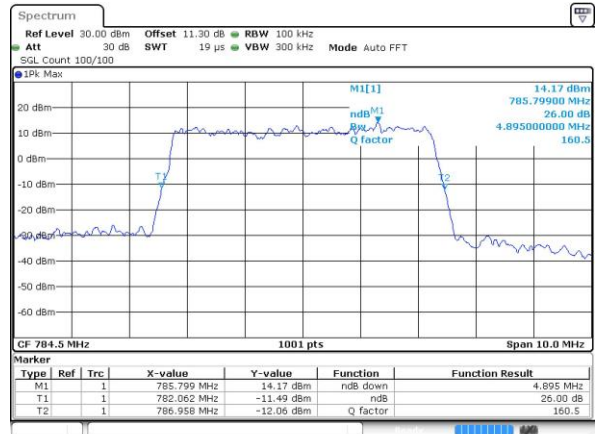
Date: 24 APR 2016 08:42:27

Highest Channel / 5MHz / QPSK



Date: 24 APR 2016 08:43:31

Highest Channel / 5MHz / 16QAM

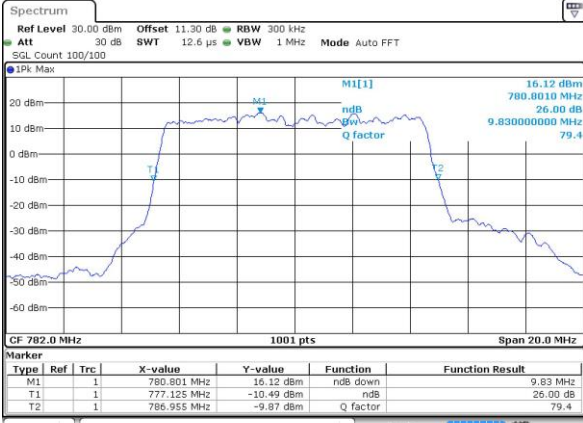


Date: 24 APR 2016 08:43:20



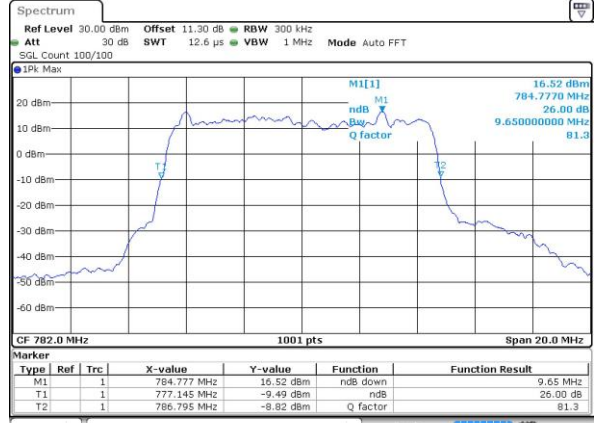
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 24 APR 2016 08:50:40

Middle Channel / 10MHz / 16QAM



Date: 24 APR 2016 08:50:29



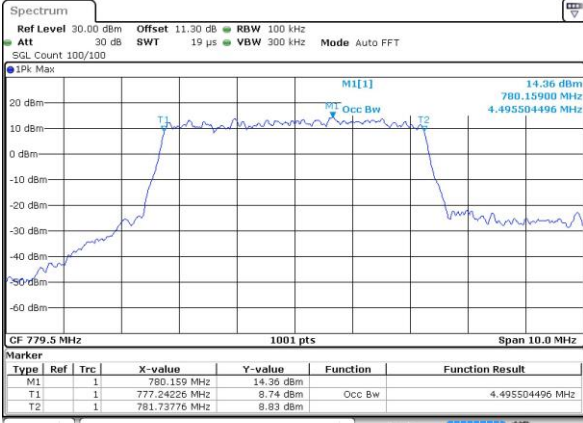
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.47	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.48	9.07	8.99	-	-	-	-
Highest CH	-	-	-	-	4.5	4.49	-	-	-	-	-	-



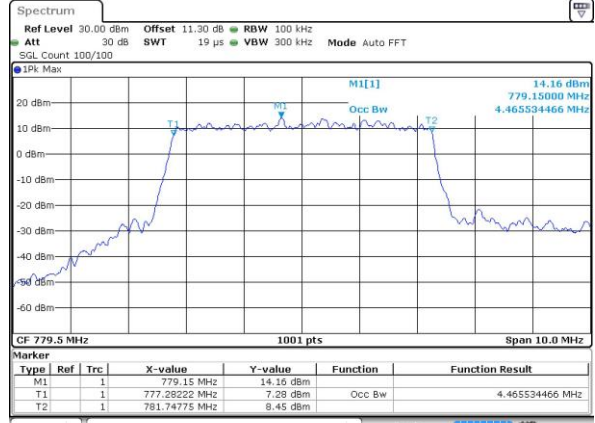
LTE Band 13

Lowest Channel / 5MHz / QPSK



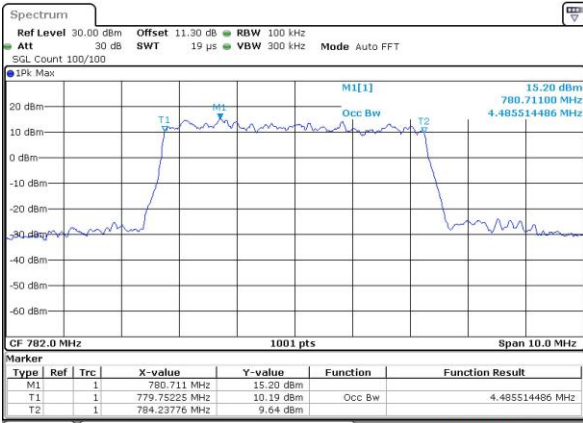
Date: 24 APR 2016 08:33:21

Lowest Channel / 5MHz / 16QAM



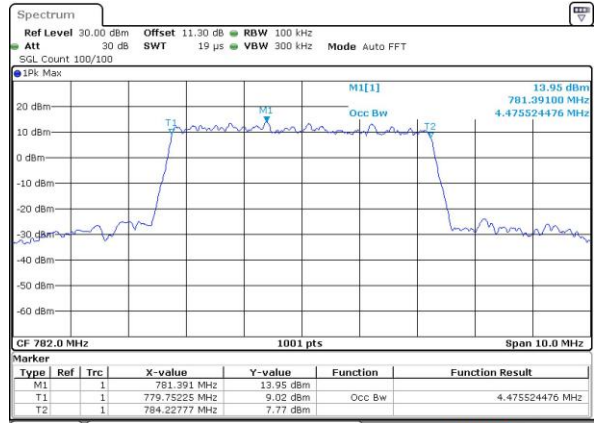
Date: 24 APR 2016 08:33:31

Middle Channel / 5MHz / QPSK



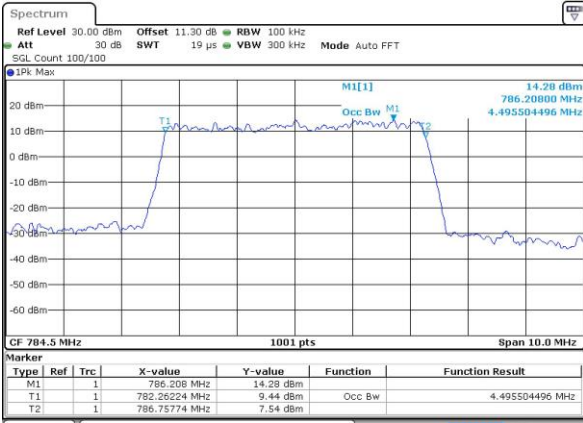
Date: 24 APR 2016 08:42:49

Middle Channel / 5MHz / 16QAM



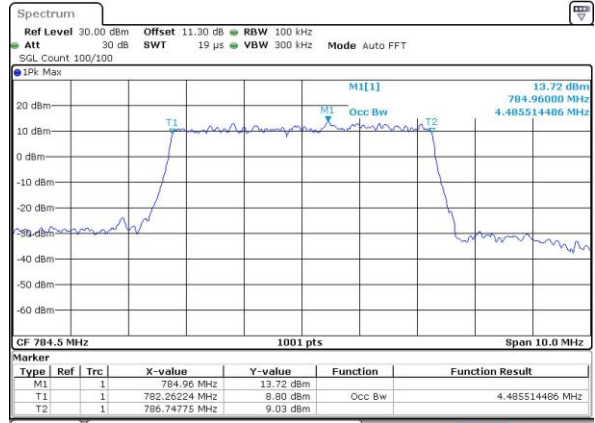
Date: 24 APR 2016 08:42:38

Highest Channel / 5MHz / QPSK



Date: 24 APR 2016 08:42:59

Highest Channel / 5MHz / 16QAM

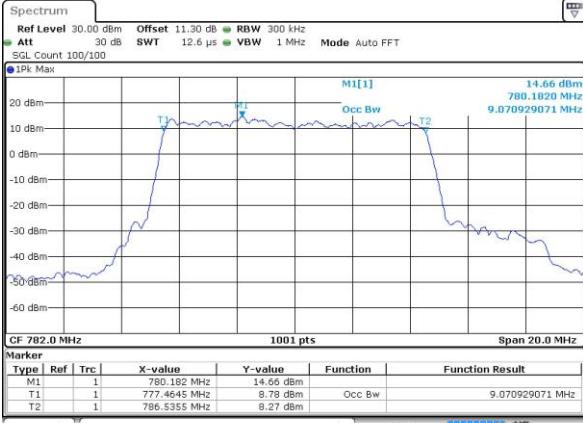


Date: 24 APR 2016 08:43:10



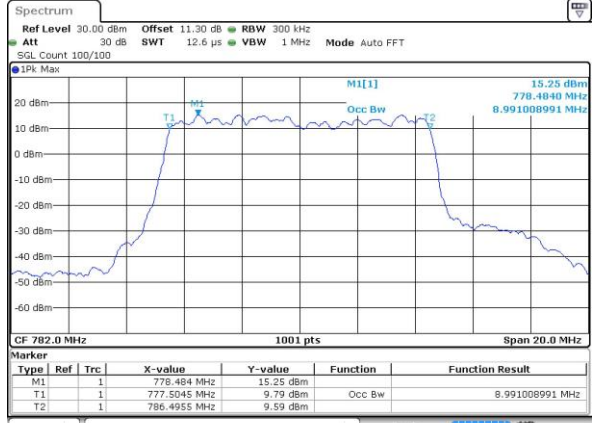
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 24 APR 2016 08:50:08

Middle Channel / 10MHz / 16QAM



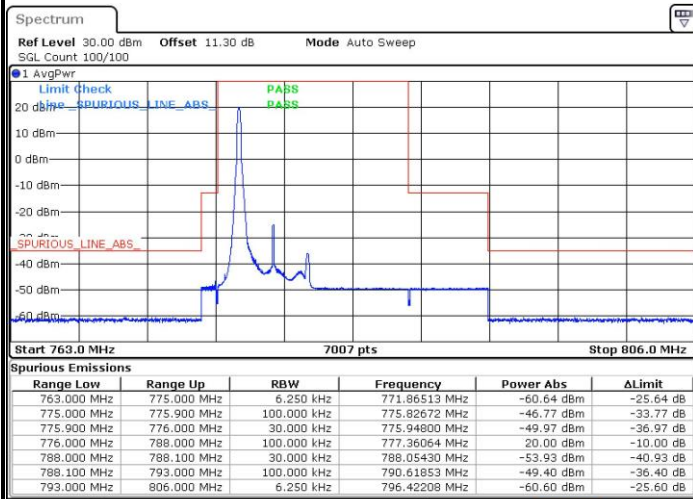
Date: 24 APR 2016 08:50:19



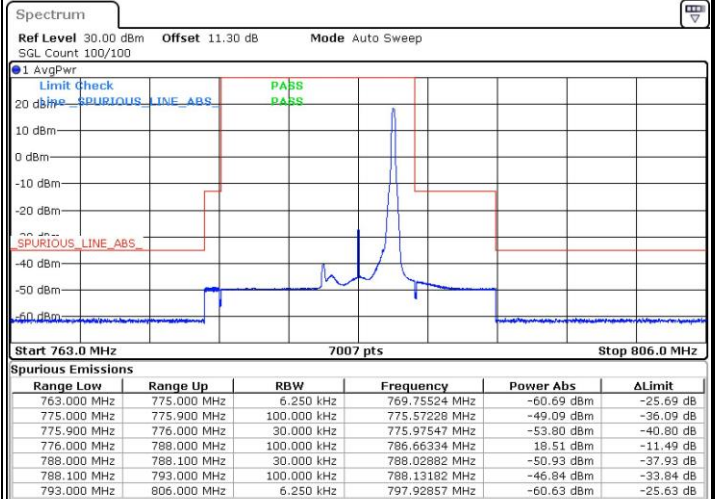
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

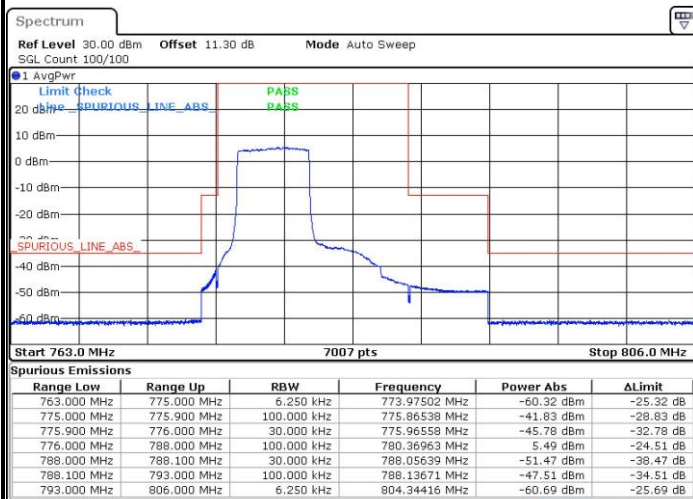
Lowest Band Edge / 1 RB



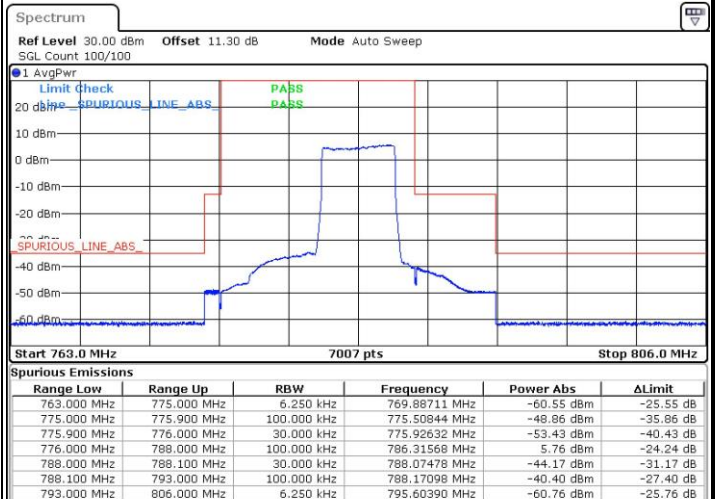
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

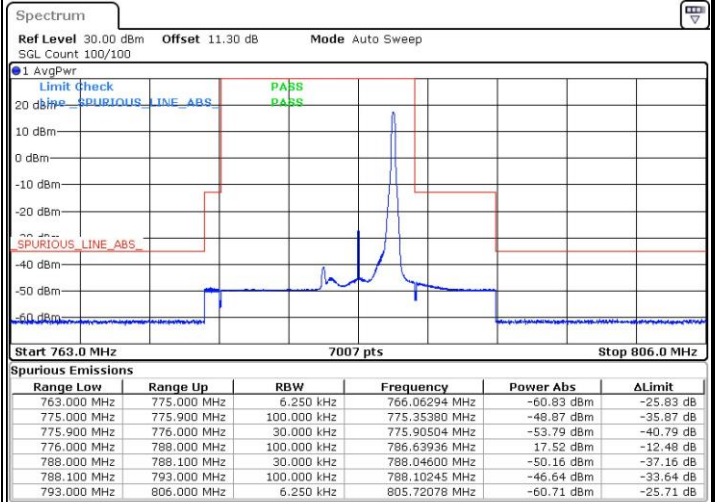
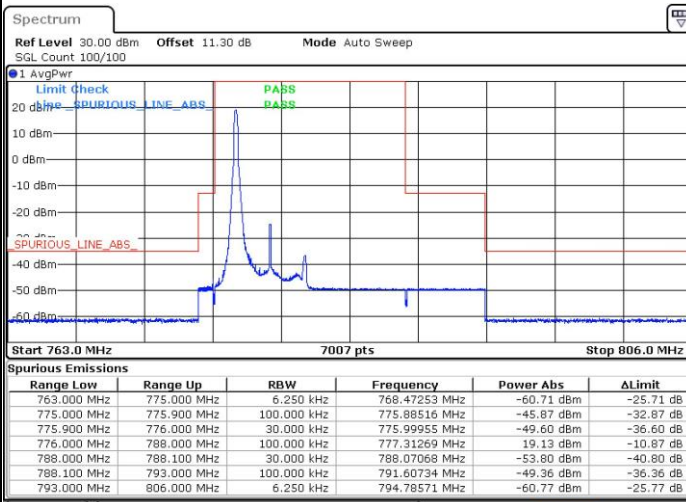




LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

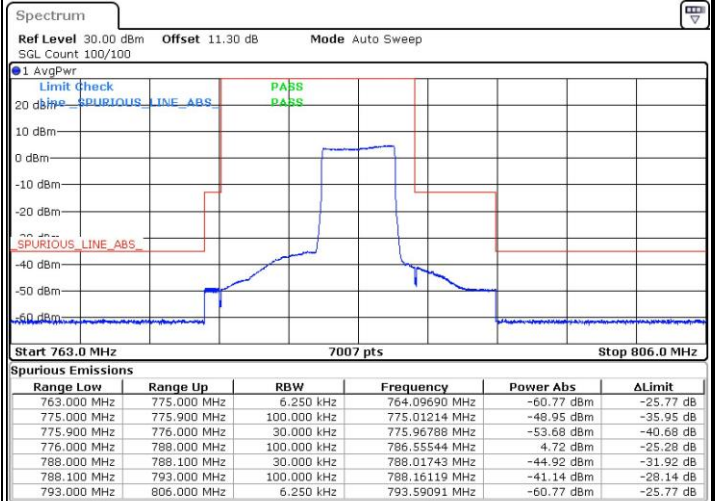
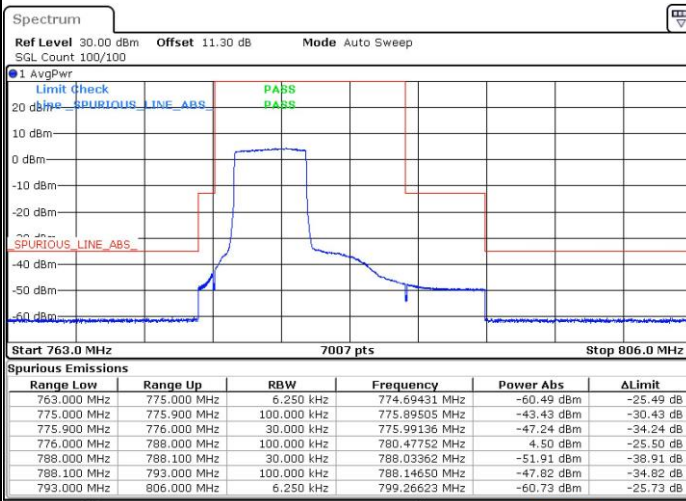


Date: 24 APR 2016 08:37:20

Date: 24 APR 2016 08:46:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



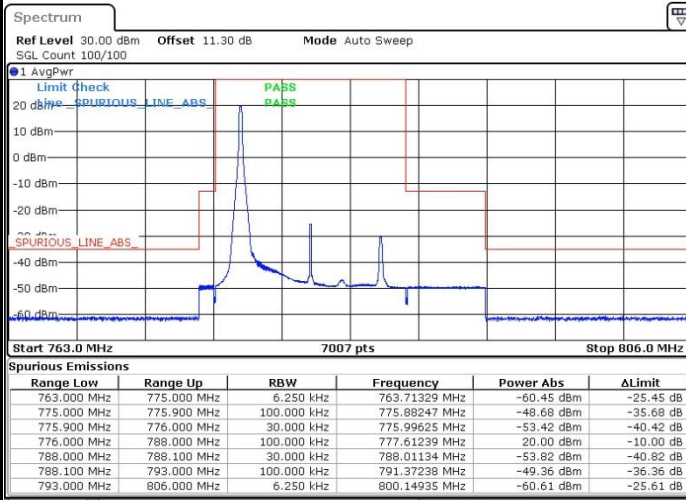
Date: 24 APR 2016 08:36:10

Date: 24 APR 2016 08:45:50



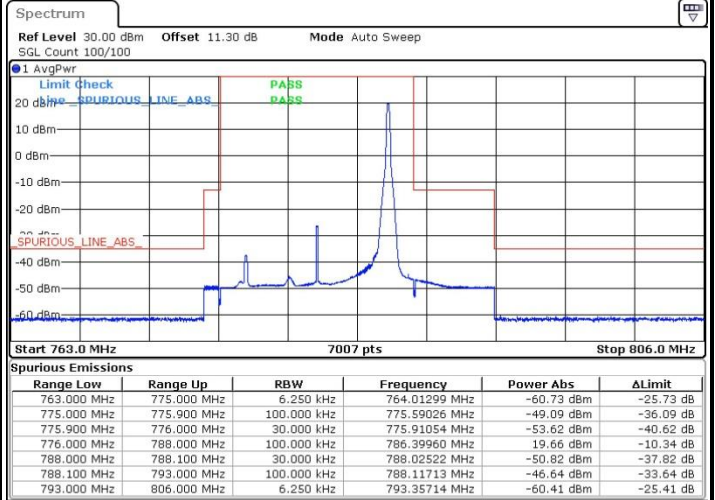
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



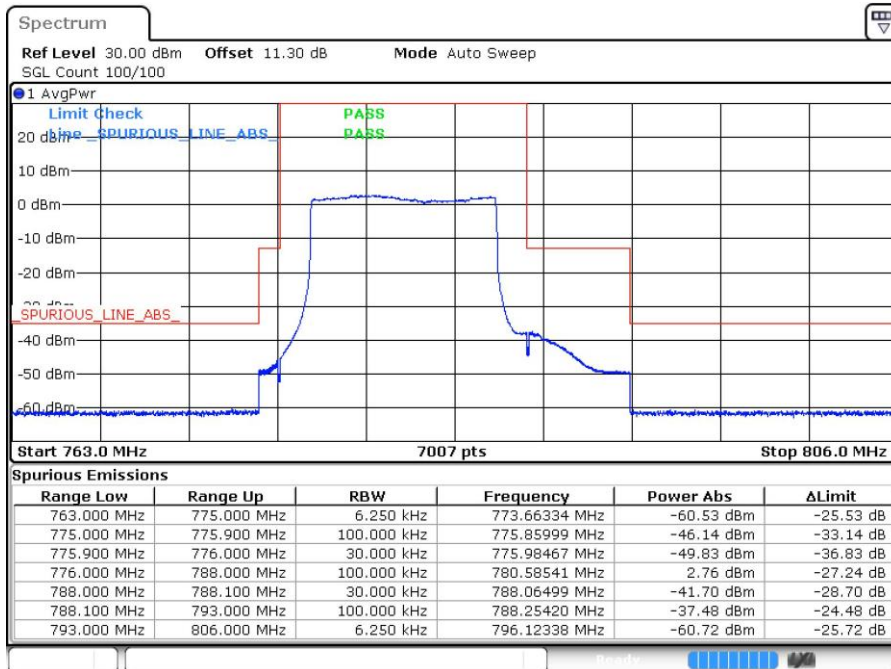
Date: 24 APR 2016 08:55:17

Highest Band Edge / 1 RB



Date: 24 APR 2016 08:56:26

Band Edge / Full RB

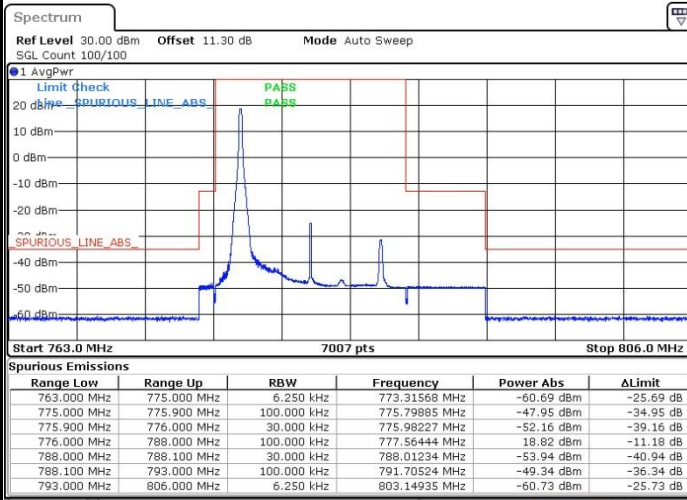


Date: 24 APR 2016 08:51:48



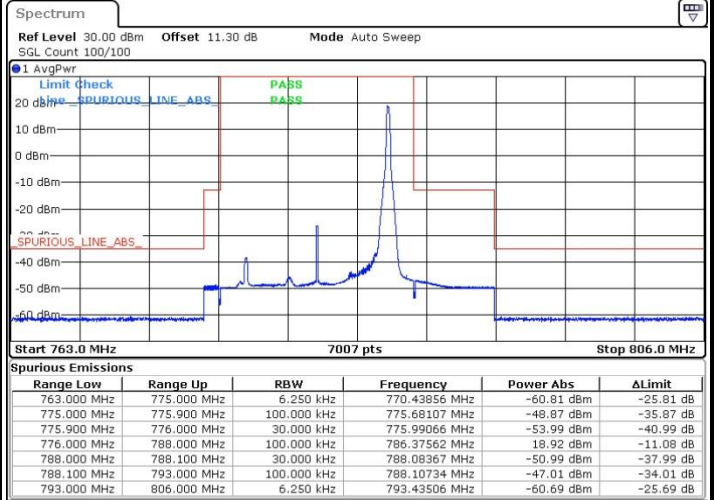
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



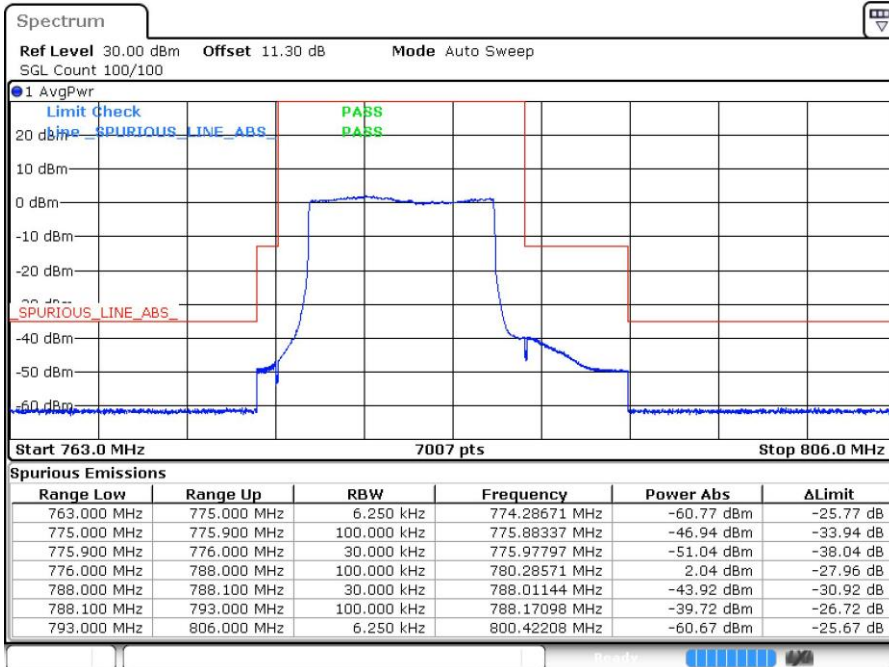
Date: 24 APR 2016 08:54:07

Highest Band Edge / 1 RB



Date: 24 APR 2016 08:57:36

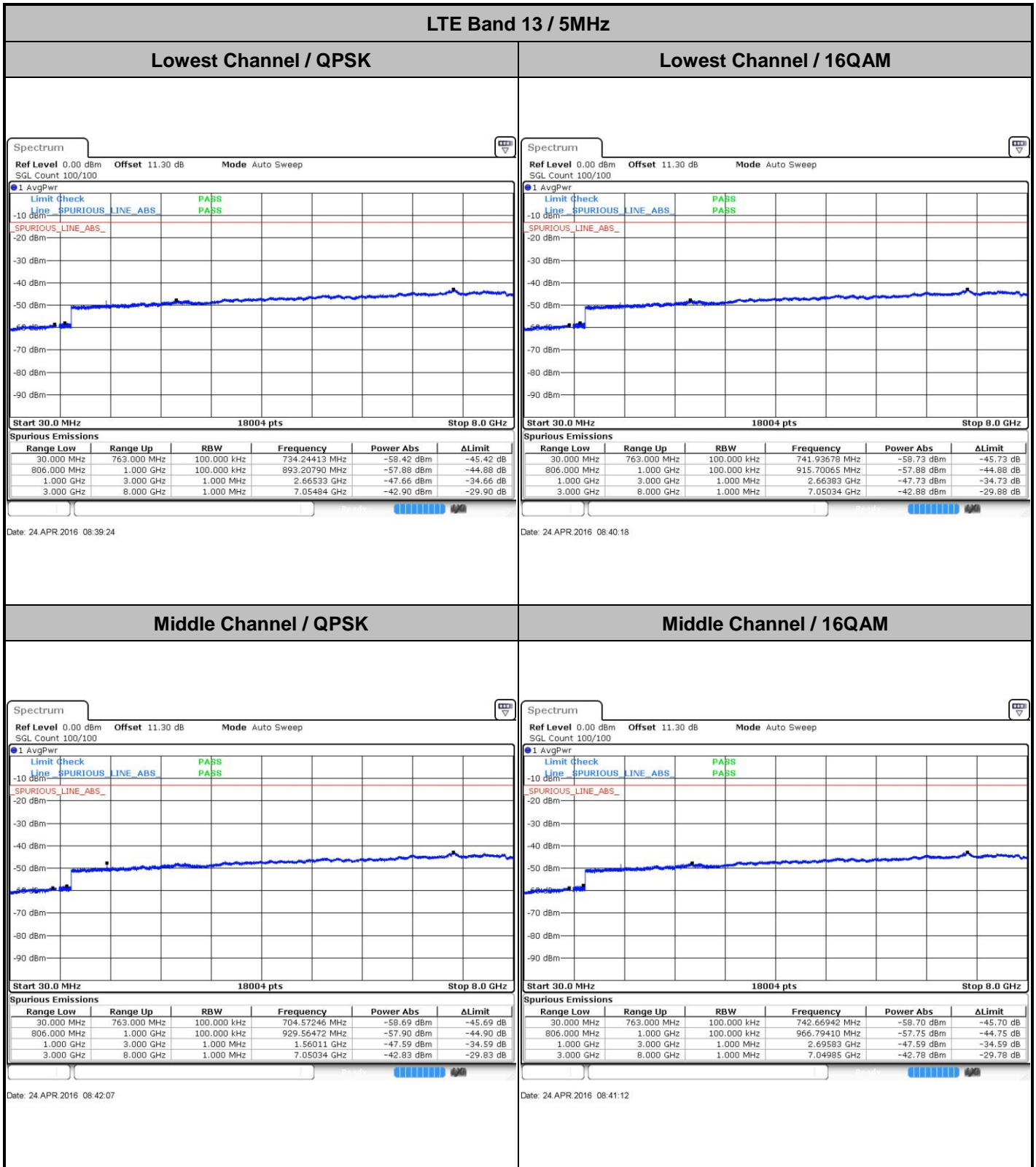
Band Edge / Full RB



Date: 24 APR 2016 08:52:58



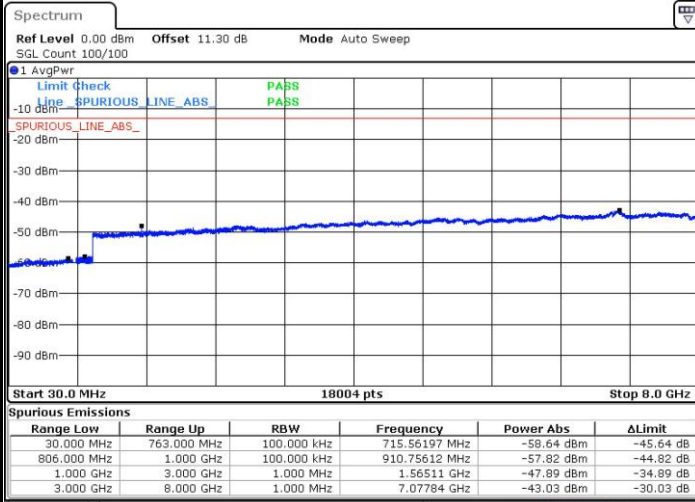
Conducted Spurious Emission





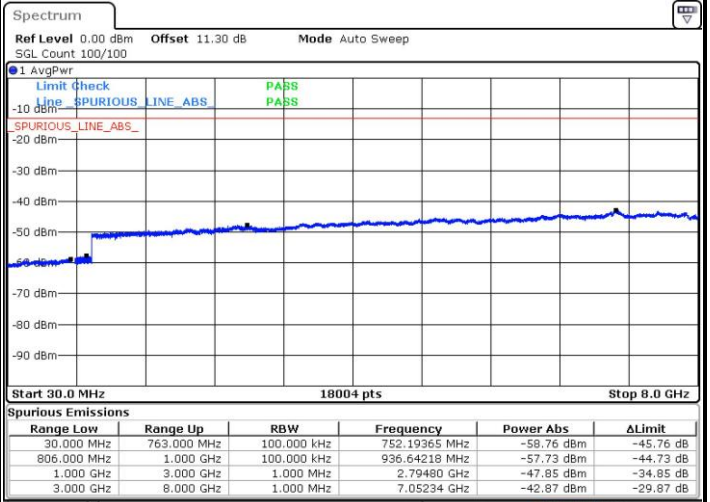
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 24 APR 2016 08:49:04

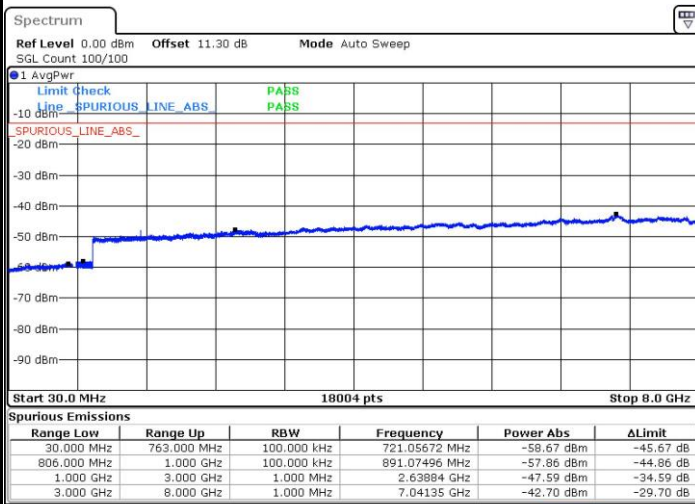
Highest Channel / 16QAM



Date: 24 APR 2016 08:49:58

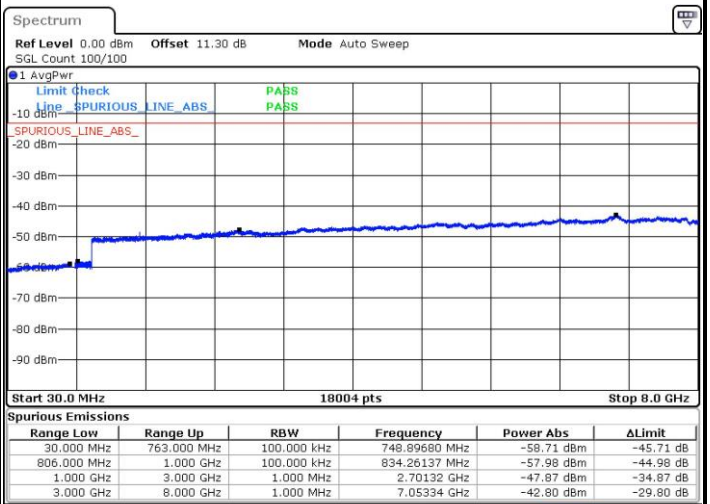
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 24 APR 2016 08:59:25

Middle Channel / 16QAM



Date: 24 APR 2016 08:58:31



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0064	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 Radiated Power EIRP for BW 1.4MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1850.7	-27.34	6.35	5.02	-39.23	47.90	20.56	0.1138
1880.0	-28.04	6.40	4.94	-39.45	47.98	19.94	0.0986
1909.3	-27.93	6.46	4.85	-39.79	48.19	20.26	0.1062
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1850.7	-21.81	6.35	5.02	-35.42	44.09	22.28	0.1690
1880.0	-20.71	6.40	4.94	-35.39	43.92	23.21	0.2094
1909.3	-21.17	6.46	4.85	-35.51	43.91	22.74	0.1879

LTE Band 2 Radiated Power EIRP for BW 1.4MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1850.7	-29.64	6.35	5.02	-39.21	47.88	18.24	0.0667
1880.0	-28.77	6.40	4.94	-39.43	47.96	19.19	0.0830
1909.3	-30.15	6.46	4.85	-39.82	48.22	18.07	0.0641
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1850.7	-23.63	6.35	5.02	-35.46	44.13	20.50	0.1122
1880.0	-22.31	6.40	4.94	-35.41	43.94	21.63	0.1455
1909.3	-22.12	6.46	4.85	-35.55	43.95	21.83	0.1524

S.G. power = 10 (dBm)



LTE Band 2 Radiated Power EIRP for BW 3MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1851.5	-27.48	6.35	5.02	-39.19	47.85	20.37	0.1089
1880.0	-28.03	6.40	4.94	-39.46	47.99	19.96	0.0991
1908.5	-27.45	6.45	4.86	-39.89	48.29	20.84	0.1213
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1851.5	-22.22	6.35	5.02	-35.49	44.15	21.93	0.1560
1880.0	-21.88	6.40	4.94	-35.44	43.97	22.09	0.1618
1908.5	-20.99	6.45	4.86	-35.53	43.93	22.94	0.1968

LTE Band 2 Radiated Power EIRP for BW 3MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1851.5	-29.15	6.35	5.02	-39.23	47.89	18.74	0.0748
1880.0	-29.47	6.40	4.94	-39.47	48.00	18.53	0.0713
1908.5	-29.27	6.45	4.86	-39.92	48.32	19.05	0.0804
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1851.5	-23.92	6.35	5.02	-35.53	44.19	20.27	0.1064
1880.0	-23.26	6.40	4.94	-35.41	43.94	20.68	0.1169
1908.5	-22.80	6.45	4.86	-35.58	43.98	21.18	0.1312

S.G. power = 10 (dBm)



LTE Band 2 Radiated Power EIRP for BW 5MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1852.5	-27.02	6.35	5.01	-39.25	47.91	20.89	0.1227
1880.0	-27.09	6.40	4.94	-39.49	48.02	20.93	0.1239
1907.5	-26.92	6.45	4.86	-39.88	48.29	21.37	0.1371
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1852.5	-21.51	6.35	5.01	-35.51	44.17	22.66	0.1845
1880.0	-20.77	6.40	4.94	-35.43	43.96	23.19	0.2084
1907.5	-20.29	6.45	4.86	-35.61	44.02	23.73	0.2360

LTE Band 2 Radiated Power EIRP for BW 5MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1852.5	-21.06	6.35	5.01	-39.27	37.93	16.87	0.0486
1880.0	-20.81	6.40	4.94	-39.51	38.04	17.23	0.0528
1907.5	-20.95	6.45	4.86	-39.85	38.26	17.31	0.0538
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1852.5	-15.55	6.35	5.01	-35.53	34.19	18.64	0.0731
1880.0	-14.48	6.40	4.94	-35.45	33.98	19.50	0.0891
1907.5	-14.34	6.45	4.86	-35.63	34.04	19.70	0.0933

S.G. power = 10 (dBm)



LTE Band 2 Radiated Power EIRP for BW 10MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1855.0	-26.67	6.36	5.01	-39.24	47.89	21.22	0.1324
1880.0	-26.77	6.40	4.94	-39.48	48.01	21.24	0.1330
1905.0	-26.80	6.45	4.87	-39.87	48.29	21.49	0.1409
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1855.0	-21.28	6.36	5.01	-35.56	44.21	22.93	0.1963
1880.0	-20.61	6.40	4.94	-35.48	44.01	23.40	0.2188
1905.0	-20.24	6.45	4.87	-35.66	44.08	23.84	0.2421

LTE Band 2 Radiated Power EIRP for BW 10MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1855.0	-28.25	6.36	5.01	-39.23	47.88	19.63	0.0918
1880.0	-28.19	6.40	4.94	-39.45	47.98	19.79	0.0953
1905.0	-28.45	6.45	4.87	-39.91	48.33	19.88	0.0973
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1855.0	-22.87	6.36	5.01	-35.55	44.20	21.33	0.1358
1880.0	-22.04	6.40	4.94	-35.42	43.95	21.91	0.1552
1905.0	-21.72	6.45	4.87	-35.69	44.11	22.39	0.1734

S.G. power = 10 (dBm)



LTE Band 2 Radiated Power EIRP for BW 15MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1857.5	-27.40	6.36	5.00	-39.31	47.95	20.55	0.1135
1880.0	-27.18	6.40	4.94	-39.56	48.09	20.91	0.1233
1902.5	-27.27	6.44	4.87	-39.99	48.42	21.15	0.1303
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1857.5	-21.78	6.36	5.00	-35.61	44.25	22.47	0.1766
1880.0	-20.86	6.40	4.94	-35.53	44.06	23.20	0.2089
1902.5	-20.76	6.44	4.87	-35.76	44.19	23.43	0.2203

LTE Band 2 Radiated Power EIRP for BW 15MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1857.5	-28.48	6.36	5.00	-39.33	47.97	19.49	0.0889
1880.0	-28.41	6.40	4.94	-39.52	48.05	19.64	0.0920
1902.5	-28.91	6.44	4.87	-39.93	48.36	19.45	0.0881
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1857.5	-23.01	6.36	5.00	-35.63	44.27	21.26	0.1337
1880.0	-22.46	6.40	4.94	-35.59	44.12	21.66	0.1466
1902.5	-22.09	6.44	4.87	-35.71	44.14	22.05	0.1603

S.G. power = 10 (dBm)



LTE Band 2 Radiated Power EIRP for BW 20MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1860.0	-26.42	6.37	4.99	-39.34	47.96	21.54	0.1426
1880.0	-26.77	6.40	4.94	-39.56	48.09	21.32	0.1355
1900.0	-26.96	6.44	4.88	-39.97	48.41	21.45	0.1396
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1860.0	-21.07	6.37	4.99	-35.68	44.30	23.23	0.2104
1880.0	-20.55	6.40	4.94	-35.52	44.05	23.50	0.2239
1900.0	-20.21	6.44	4.88	-35.69	44.13	23.92	0.2466

LTE Band 2 Radiated Power EIRP for BW 20MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1860.0	-28.12	6.37	4.99	-39.33	47.95	19.83	0.0962
1880.0	-28.31	6.40	4.94	-39.53	48.06	19.75	0.0944
1900.0	-28.36	6.44	4.88	-39.91	48.35	19.99	0.0998
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1860.0	-22.60	6.37	4.99	-35.63	44.25	21.65	0.1462
1880.0	-22.12	6.40	4.94	-35.47	44.00	21.88	0.1542
1900.0	-21.63	6.44	4.88	-35.66	44.10	22.47	0.1766

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 1.4MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1710.70	-29.63	6.10	5.41	-37.28	46.59	16.96	0.0497
1732.50	-30.12	6.14	5.35	-37.57	46.78	16.66	0.0463
1754.30	-30.15	6.18	5.29	-37.86	46.97	16.82	0.0481
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1710.70	-26.21	6.10	5.41	-35.51	44.82	18.61	0.0726
1732.50	-26.20	6.14	5.35	-35.48	44.69	18.49	0.0706
1754.30	-26.07	6.18	5.29	-35.44	44.55	18.48	0.0705

LTE Band 4 Radiated Power EIRP for BW 1.4MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1710.70	-28.85	6.10	5.41	-37.23	46.54	17.69	0.0587
1732.50	-26.16	6.14	5.35	-35.52	44.73	18.57	0.0719
1754.30	-27.86	6.18	5.29	-37.83	46.94	19.08	0.0809
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1710.70	-25.37	6.10	5.41	-35.48	44.79	19.42	0.0875
1732.50	-24.32	6.14	5.35	-35.51	44.72	20.40	0.1096
1754.30	-23.13	6.18	5.29	-35.46	44.57	21.44	0.1393

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 3MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1711.50	-25.62	6.10	5.41	-37.28	46.59	20.97	0.1250
1732.50	-24.17	6.14	5.35	-35.56	44.77	20.60	0.1148
1753.50	-27.19	6.18	5.29	-38.81	47.92	20.73	0.1183
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1711.50	-22.16	6.10	5.41	-35.53	44.84	22.68	0.1854
1732.50	-22.29	6.14	5.35	-35.58	44.79	22.50	0.1778
1753.50	-22.22	6.18	5.29	-35.57	44.68	22.46	0.1762

LTE Band 4 Radiated Power EIRP for BW 3MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1711.50	-29.29	6.10	5.41	-37.29	46.60	17.31	0.0538
1732.50	-29.34	6.14	5.35	-37.54	46.75	17.41	0.0551
1753.50	-28.29	6.18	5.29	-37.85	46.96	18.67	0.0736
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1711.50	-25.84	6.10	5.41	-35.51	44.82	18.98	0.0791
1732.50	-25.66	6.14	5.35	-35.55	44.76	19.10	0.0813
1753.50	-24.34	6.18	5.29	-35.63	44.74	20.40	0.1096

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 5MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1712.50	-26.26	6.10	5.41	-37.31	46.61	20.35	0.1084
1732.50	-25.93	6.14	5.35	-37.58	46.79	20.86	0.1219
1752.50	-26.12	6.18	5.29	-37.91	47.03	20.91	0.1233
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1712.50	-22.18	6.10	5.41	-35.52	44.82	22.64	0.1837
1732.50	-22.25	6.14	5.35	-35.63	44.84	22.59	0.1816
1752.50	-22.43	6.18	5.29	-35.68	44.80	22.37	0.1726

LTE Band 4 Radiated Power EIRP for BW 5MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1712.50	-27.15	6.10	5.41	-37.32	46.62	19.47	0.0885
1732.50	-27.64	6.14	5.35	-37.59	46.80	19.16	0.0824
1752.50	-27.44	6.18	5.29	-37.95	47.07	19.63	0.0918
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1712.50	-23.80	6.10	5.41	-35.54	44.84	21.04	0.1271
1732.50	-23.94	6.14	5.35	-35.66	44.87	20.93	0.1239
1752.50	-23.74	6.18	5.29	-35.71	44.83	21.09	0.1285

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 10MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1715.00	-25.51	6.11	5.40	-37.35	46.64	21.13	0.1297
1732.50	-26.03	6.14	5.35	-37.62	46.83	20.80	0.1202
1750.00	-25.88	6.17	5.30	-37.89	47.02	21.14	0.1300
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1715.00	-21.96	6.11	5.40	-35.56	44.85	22.89	0.1945
1732.50	-22.12	6.14	5.35	-35.62	44.83	22.71	0.1866
1750.00	-22.00	6.17	5.30	-35.74	44.87	22.87	0.1936

LTE Band 4 Radiated Power EIRP for BW 10MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1715.00	-26.96	6.11	5.40	-37.32	46.61	19.65	0.0923
1732.50	-27.62	6.14	5.35	-37.68	46.89	19.27	0.0845
1750.00	-27.46	6.17	5.30	-37.94	47.07	19.61	0.0914
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1715.00	-23.52	6.11	5.40	-35.62	44.91	21.39	0.1377
1732.50	-23.73	6.14	5.35	-35.68	44.89	21.16	0.1306
1750.00	-23.66	6.17	5.30	-35.81	44.94	21.28	0.1343

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 15MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1717.50	-25.79	6.11	5.39	-37.35	46.63	20.84	0.1213
1732.50	-26.31	6.14	5.35	-37.71	46.92	20.61	0.1151
1747.50	-26.54	6.17	5.31	-37.97	47.11	20.57	0.1140
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1717.50	-22.49	6.11	5.39	-35.65	44.93	22.44	0.1754
1732.50	-22.41	6.14	5.35	-35.69	44.90	22.49	0.1774
1747.50	-22.77	6.17	5.31	-35.83	44.97	22.20	0.1660

LTE Band 4 Radiated Power EIRP for BW 15MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1717.50	-27.66	6.11	5.39	-37.37	46.65	18.99	0.0793
1732.50	-28.12	6.14	5.35	-37.76	46.97	18.85	0.0767
1747.50	-28.22	6.17	5.31	-37.99	47.13	18.91	0.0778
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1717.50	-24.29	6.11	5.39	-35.61	44.89	20.60	0.1148
1732.50	-24.22	6.14	5.35	-35.75	44.96	20.74	0.1186
1747.50	-27.55	6.17	5.31	-38.93	48.07	20.52	0.1127

S.G. power = 10 (dBm)



LTE Band 4 Radiated Power EIRP for BW 20MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1720.00	-25.84	6.12	5.38	-37.39	46.66	20.82	0.1208
1732.50	-26.12	6.14	5.35	-37.74	46.95	20.83	0.1211
1745.00	-26.49	6.16	5.31	-38.01	47.16	20.67	0.1167
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1720.00	-22.24	6.12	5.38	-35.63	44.90	22.66	0.1845
1732.50	-22.32	6.14	5.35	-35.78	44.99	22.67	0.1849
1745.00	-22.77	6.16	5.31	-35.99	45.14	22.37	0.1726

LTE Band 4 Radiated Power EIRP for BW 20MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1720.00	-27.48	6.12	5.38	-37.41	46.68	19.20	0.0832
1732.50	-27.94	6.14	5.35	-37.76	46.97	19.03	0.0800
1745.00	-30.06	6.16	5.31	-39.96	49.11	19.05	0.0804
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
1720.00	-24.14	6.12	5.38	-35.68	44.95	20.81	0.1205
1732.50	-24.12	6.14	5.35	-35.71	44.92	20.80	0.1202
1745.00	-24.32	6.16	5.31	-35.96	45.11	20.79	0.1199

S.G. power = 10 (dBm)



LTE Band 5 Radiated Power ERP for BW 1.4MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
824.7	-8.94	9.65	0.48	-39.31	30.15	19.06	0.0805
836.5	-8.52	9.69	0.49	-39.38	30.18	19.51	0.0893
848.3	-9.81	9.73	0.50	-39.43	30.20	18.24	0.0667
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
824.7	-10.36	9.65	0.48	-41.08	31.92	19.41	0.0873
836.5	-9.72	9.69	0.49	-41.13	31.93	20.06	0.1014
848.3	-10.58	9.73	0.50	-41.27	32.04	19.31	0.0853

LTE Band 5 Radiated Power ERP for BW 1.4MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
824.7	-11.93	9.65	0.48	-39.33	30.17	16.09	0.0406
836.5	-11.61	9.69	0.49	-39.41	30.21	16.45	0.0442
848.3	-11.67	9.73	0.50	-39.45	30.22	16.40	0.0437
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
824.7	-12.77	9.65	0.48	-41.07	31.91	16.99	0.0500
836.5	-12.47	9.69	0.49	-41.15	31.95	17.33	0.0541
848.3	-12.31	9.73	0.50	-41.23	32.00	17.54	0.0568

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



LTE Band 5 Radiated Power ERP for BW 3MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
825.5	-9.61	9.65	0.49	-39.39	30.23	18.47	0.0703
836.5	-12.41	9.69	0.49	-39.45	30.25	15.69	0.0371
847.5	-12.59	9.73	0.50	-39.51	30.28	15.54	0.0358
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
825.5	-10.58	9.65	0.49	-41.11	31.95	19.22	0.0836
836.5	-13.20	9.69	0.49	-41.18	31.98	16.63	0.0460
847.5	-13.11	9.73	0.50	-41.29	32.06	16.80	0.0479

LTE Band 5 Radiated Power ERP for BW 3MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
825.5	-14.25	9.65	0.49	-39.36	30.20	13.80	0.0240
836.5	-14.13	9.69	0.49	-39.41	30.21	13.93	0.0247
847.5	-14.58	9.73	0.50	-39.52	30.29	13.56	0.0227
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
825.5	-15.09	9.65	0.49	-41.13	31.97	14.73	0.0297
836.5	-14.93	9.69	0.49	-41.16	31.96	14.88	0.0308
847.5	-15.20	9.73	0.50	-41.27	32.04	14.69	0.0294

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



LTE Band 5 Radiated Power ERP for BW 5MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
826.5	-9.14	9.65	0.49	-39.37	30.20	18.91	0.0778
836.5	-8.96	9.69	0.49	-39.42	30.22	19.11	0.0815
846.5	-9.28	9.72	0.50	-39.54	30.31	18.88	0.0773
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
826.5	-9.92	9.65	0.49	-41.16	31.99	19.92	0.0982
836.5	-9.60	9.69	0.49	-41.19	31.99	20.24	0.1057
846.5	-9.85	9.72	0.50	-41.24	32.01	20.01	0.1002

LTE Band 5 Radiated Power ERP for BW 5MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
826.5	-14.30	9.65	0.49	-39.39	30.22	13.77	0.0238
836.5	-14.31	9.69	0.49	-39.48	30.28	13.82	0.0241
846.5	-11.96	9.72	0.50	-39.53	30.30	16.19	0.0416
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
826.5	-15.10	9.65	0.49	-41.14	31.97	14.72	0.0296
836.5	-15.04	9.69	0.49	-41.15	31.95	14.76	0.0299
846.5	-12.56	9.72	0.50	-41.26	32.03	17.32	0.0540

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



LTE Band 5 Radiated Power ERP for BW 10MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
829	-11.41	9.66	0.49	-39.43	30.25	16.69	0.0467
836.5	-11.11	9.69	0.49	-39.52	30.32	17.06	0.0508
844	-9.43	9.72	0.50	-39.62	30.40	18.82	0.0762
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
829	-10.89	9.66	0.49	-41.23	32.05	19.01	0.0796
836.5	-10.73	9.69	0.49	-41.29	32.09	19.21	0.0834
844	-10.01	9.72	0.50	-41.35	32.13	19.97	0.0993

LTE Band 5 Radiated Power ERP for BW 10MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
829	-12.09	9.66	0.49	-39.41	30.23	15.99	0.0397
836.5	-12.01	9.69	0.49	-39.49	30.29	16.13	0.0410
844	-12.16	9.72	0.50	-39.59	30.37	16.06	0.0404
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
829	-12.62	9.66	0.49	-41.21	32.03	17.26	0.0532
836.5	-12.75	9.69	0.49	-41.26	32.06	17.16	0.0520
844	-12.69	9.72	0.50	-41.38	32.16	17.32	0.0540

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



LTE Band 7 Radiated Power EIRP for BW 5MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2502.5	-27.80	7.51	6.00	-39.97	48.46	20.66	0.1164
2535.0	-27.28	7.57	6.07	-40.01	48.51	21.23	0.1327
2567.5	-27.42	7.62	6.13	-40.06	48.57	21.15	0.1303
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2502.5	-28.06	7.51	6.00	-41.42	49.91	21.85	0.1531
2535.0	-27.97	7.57	6.07	-41.50	50.00	22.03	0.1596
2567.5	-27.46	7.62	6.13	-41.58	50.09	22.63	0.1832

LTE Band 7 Radiated Power EIRP for BW 5MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2502.5	-30.11	7.51	6.00	-39.96	48.45	18.34	0.0682
2535.0	-29.24	7.57	6.07	-39.99	48.49	19.25	0.0841
2567.5	-28.99	7.62	6.13	-40.02	48.53	19.54	0.0899
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2502.5	-30.32	7.51	6.00	-41.43	49.92	19.60	0.0912
2535.0	-29.67	7.57	6.07	-41.59	50.09	20.42	0.1102
2567.5	-29.21	7.62	6.13	-41.62	50.13	20.92	0.1236

S.G. power = 10 (dBm)



LTE Band 7 Radiated Power EIRP for BW 10MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2505.0	-27.80	7.51	6.01	-39.94	48.44	20.64	0.1159
2535.0	-27.77	7.57	6.07	-40.01	48.51	20.74	0.1186
2565.0	-27.14	7.62	6.13	-40.08	48.59	21.45	0.1396
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2505.0	-28.25	7.51	6.01	-41.48	49.98	21.73	0.1489
2535.0	-28.39	7.57	6.07	-41.64	50.14	21.75	0.1496
2565.0	-27.90	7.62	6.13	-41.68	50.19	22.29	0.1694

LTE Band 7 Radiated Power EIRP for BW 10MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2505.0	-29.47	7.51	6.01	-39.92	48.42	18.95	0.0785
2535.0	-29.39	7.57	6.07	-39.98	48.48	19.09	0.0811
2565.0	-28.99	7.62	6.13	-40.06	48.57	19.58	0.0908
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2505.0	-29.67	7.51	6.01	-41.46	49.96	20.29	0.1069
2535.0	-29.93	7.57	6.07	-41.61	50.11	20.18	0.1042
2565.0	-29.78	7.62	6.13	-41.65	50.16	20.38	0.1091

S.G. power = 10 (dBm)



LTE Band 7 Radiated Power EIRP for BW 15MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2507.5	-27.42	7.52	6.01	-39.94	48.44	21.02	0.1265
2535.0	-27.49	7.57	6.07	-39.99	48.49	21.00	0.1259
2562.5	-27.07	7.62	6.12	-40.12	48.63	21.56	0.1432
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2507.5	-27.94	7.52	6.01	-41.43	49.93	21.99	0.1581
2535.0	-27.88	7.57	6.07	-41.59	50.09	22.21	0.1663
2562.5	-27.24	7.62	6.12	-41.62	50.13	22.89	0.1945

LTE Band 7 Radiated Power EIRP for BW 15MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2507.5	-29.27	7.52	6.01	-39.98	48.48	19.21	0.0834
2535.0	-29.31	7.57	6.07	-40.04	48.54	19.23	0.0838
2562.5	-28.95	7.62	6.12	-40.15	48.66	19.71	0.0935
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2507.5	-29.82	7.52	6.01	-41.49	49.99	20.17	0.1040
2535.0	-29.62	7.57	6.07	-41.63	50.13	20.51	0.1125
2562.5	-29.06	7.62	6.12	-41.68	50.19	21.13	0.1297

S.G. power = 10 (dBm)



LTE Band 7 Radiated Power EIRP for BW 20MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2510.0	-27.51	7.52	6.02	-39.94	48.44	20.93	0.1239
2535.0	-27.38	7.57	6.07	-40.01	48.51	21.13	0.1297
2560.0	-26.70	7.61	6.12	-40.13	48.64	21.94	0.1563
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2510.0	-28.18	7.52	6.02	-41.52	50.02	21.84	0.1528
2535.0	-28.04	7.57	6.07	-41.65	50.15	22.11	0.1626
2560.0	-27.43	7.61	6.12	-41.69	50.20	22.77	0.1892

LTE Band 7 Radiated Power EIRP for BW 20MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2510.0	-29.29	7.52	6.02	-39.96	48.46	19.17	0.0826
2535.0	-29.13	7.57	6.07	-40.05	48.55	19.42	0.0875
2560.0	-28.58	7.61	6.12	-40.16	48.67	20.09	0.1021
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	EIRP (dBm)	EIRP (W)
2510.0	-29.91	7.52	6.02	-41.49	49.99	20.08	0.1019
2535.0	-29.73	7.57	6.07	-41.62	50.12	20.39	0.1094
2560.0	-29.20	7.61	6.12	-41.74	50.25	21.05	0.1274

S.G. power = 10 (dBm)



LTE Band 13 Radiated Power ERP for BW 5MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
779.50	-7.04	9.41	0.40	-37.22	28.21	19.02	0.0798
782.00	-7.10	9.43	0.41	-37.29	28.27	19.02	0.0798
784.50	-6.99	9.45	0.42	-37.32	28.29	19.15	0.0822
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
779.50	-8.01	9.41	0.40	-39.76	30.75	20.59	0.1146
782.00	-8.11	9.43	0.41	-39.81	30.79	20.53	0.1130
784.50	-8.07	9.45	0.42	-39.89	30.86	20.64	0.1159

LTE Band 13 Radiated Power ERP for BW 5MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
779.50	-9.57	9.41	0.40	-37.19	28.18	16.46	0.0443
782.00	-9.28	9.43	0.41	-37.28	28.26	16.83	0.0482
784.50	-10.24	9.45	0.42	-37.35	28.32	15.93	0.0392
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
779.50	-10.46	9.41	0.40	-39.74	30.73	18.12	0.0649
782.00	-10.23	9.43	0.41	-39.79	30.77	18.39	0.0690
784.50	-11.20	9.45	0.42	-39.84	30.81	17.46	0.0557

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



LTE Band 13 Radiated Power ERP for BW 10MHz / QPSK							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
782.00	-7.20	9.43	0.41	-37.29	28.27	18.92	0.0780
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
782.00	-8.10	9.43	0.41	-39.81	30.79	20.54	0.1132

LTE Band 13 Radiated Power ERP for BW 10MHz / 16QAM							
Horizontal Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
782.00	-9.93	9.43	0.41	-37.29	28.27	16.19	0.0416
Vertical Polarization							
Frequency (MHz)	LVL (dBm)	Tx Cable Loss (dB)	Tx ANT Gain (dBi)	SA Reading (dB)	Correction Factor (dB)	ERP (dBm)	ERP (W)
782.00	-10.85	9.43	0.41	-39.81	30.79	17.79	0.0601

* ERP = LVL (dBm) + Correction Factor (dB) - 2.15

S.G. power = 0 (dBm)



Radiated Spurious Emission



LTE Band 2

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-50.48	-13	-37.48	-46.21	-57.05	1.67	8.24	H
	5555	-57.81	-13	-44.81	-60.32	-64.88	2.66	9.72	H
	7403	-48.77	-13	-35.77	-52.69	-57.92	2.46	11.61	H
	9251	-41.61	-13	-28.61	-47.96	-51.67	2.54	12.60	H
	12954	-46.98	-13	-33.98	-59.75	-57.01	2.92	12.94	H
									H
									H
	3700	-50.87	-13	-37.87	-46.58	-57.44	1.67	8.24	V
	5555	-59.95	-13	-46.95	-62.41	-67.02	2.66	9.72	V
	7403	-54.91	-13	-41.91	-59.17	-64.06	2.46	11.61	V
	9251	-48.05	-13	-35.05	-55.03	-58.11	2.54	12.60	V
	12954	-50.85	-13	-37.85	-63.13	-60.88	2.92	12.94	V
									V
									V
Middle	3763	-49.73	-13	-36.73	-45.33	-56.36	1.69	8.32	H
	5639	-60.36	-13	-47.36	-63.33	-67.41	2.71	9.76	H
	7522	-47.49	-13	-34.49	-51.51	-56.88	2.42	11.81	H
	9398	-42.91	-13	-29.91	-49.51	-52.88	2.57	12.54	H
	13163	-46.19	-13	-33.19	-58.9	-56.45	2.97	13.23	H
									H
									H
	3763	-48.48	-13	-35.48	-44.16	-55.11	1.69	8.32	V
	5639	-60.17	-13	-47.17	-63.09	-67.22	2.71	9.76	V
	7522	-52.67	-13	-39.67	-57.11	-62.06	2.42	11.81	V
	9398	-47.91	-13	-34.91	-54.85	-57.88	2.57	12.54	V
	13163	-49.42	-13	-36.42	-61.87	-59.68	2.97	13.23	V
									V
									V



Highest	3819	-51.76	-13	-38.76	-47.3	-58.44	1.70	8.38	H
	5730	-58.74	-13	-45.74	-62.12	-65.77	2.76	9.79	H
	7641	-45.26	-13	-32.26	-49.81	-54.76	2.38	11.88	H
	9545	-44.94	-13	-31.94	-51.69	-54.81	2.60	12.47	H
	13363	-50.03	-13	-37.03	-62.64	-60.52	3.02	13.51	H
									H
									H
	3819	-51.13	-13	-38.13	-46.7	-57.81	1.70	8.38	V
	5730	-59.02	-13	-46.02	-62.37	-66.05	2.76	9.79	V
	7641	-49.27	-13	-36.27	-54.12	-58.77	2.38	11.88	V
	9545	-49.68	-13	-36.68	-56.79	-59.55	2.60	12.47	V
	13363	-53.28	-13	-40.28	-65.72	-63.77	3.02	13.51	V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3707	-51.02	-13	-38.02	-46.87	-57.6	1.67	8.25	H
	5562	-58.75	-13	-45.75	-61.44	-65.81	2.66	9.72	H
	7410	-47.66	-13	-34.66	-51.85	-56.82	2.46	11.62	H
	9265	-41.65	-13	-28.65	-48.35	-51.7	2.54	12.59	H
	11121	-57.29	-13	-44.29	-68.53	-67.06	2.69	12.45	H
	12973	-47.62	-13	-34.62	-60.68	-57.66	2.92	12.97	H
									H
	3707	-50.42	-13	-37.42	-46.32	-57	1.67	8.25	V
	5562	-59.21	-13	-46.21	-61.92	-66.27	2.66	9.72	V
	7410	-54.20	-13	-41.20	-58.6	-63.36	2.46	11.62	V
	9265	-47.95	-13	-34.95	-55.02	-58	2.54	12.59	V
	11121	-58.38	-13	-45.38	-69.47	-68.15	2.69	12.45	V
	12973	-51.46	-13	-38.46	-64.09	-61.5	2.92	12.97	V
									V
Middle	3763	-49.72	-13	-36.72	-45.47	-56.35	1.69	8.32	H
	5646	-61.15	-13	-48.15	-64.26	-68.2	2.71	9.76	H
	7522	-48.47	-13	-35.47	-52.75	-57.86	2.42	11.81	H
	9405	-43.39	-13	-30.39	-50.22	-53.36	2.57	12.54	H
	11292	-57.89	-13	-44.89	-69.74	-67.59	2.68	12.38	H
	13173	-45.83	-13	-32.83	-58.78	-56.1	2.97	13.24	H
									H
	3763	-49.23	-13	-36.23	-45.03	-55.86	1.69	8.32	V
	5646	-61.55	-13	-48.55	-64.64	-68.6	2.71	9.76	V
	7522	-52.86	-13	-39.86	-57.39	-62.25	2.42	11.81	V
	9405	-48.03	-13	-35.03	-55.32	-58	2.57	12.54	V
	11292	-58.57	-13	-45.57	-70.32	-68.27	2.68	12.38	V
	13173	-48.40	-13	-35.40	-61.1	-58.67	2.97	13.24	V
									V



Highest	3819	-52.51	-13	-39.51	-48.24	-59.19	1.70	8.38	H
	5730	-58.80	-13	-45.80	-62.35	-65.83	2.76	9.79	H
	7641	-43.70	-13	-30.70	-48.38	-53.2	2.38	11.88	H
	9552	-44.62	-13	-31.62	-51.67	-54.49	2.60	12.47	H
	11457	-58.17	-13	-45.17	-70.62	-67.8	2.68	12.32	H
	13372.5	-49.11	-13	-36.11	-61.83	-59.61	3.02	13.52	H
									H
	3819	-52.27	-13	-39.27	-48.01	-58.95	1.70	8.38	V
	5730	-58.17	-13	-45.17	-61.7	-65.2	2.76	9.79	V
	7641	-48.36	-13	-35.36	-53.34	-57.86	2.38	11.88	V
	9552	-49.82	-13	-36.82	-57.25	-59.69	2.60	12.47	V
	11457	-58.31	-13	-45.31	-70.73	-67.94	2.68	12.32	V
	13372.5	-52.16	-13	-39.16	-64.87	-62.66	3.02	13.52	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.37	-13	-36.37	-45.24	-55.94	1.67	8.24	H
	5555	-57.45	-13	-44.45	-60.18	-64.52	2.66	9.72	H
	7403	-46.59	-13	-33.59	-50.78	-55.74	2.46	11.61	H
	9251	-40.00	-13	-27.00	-46.64	-50.06	2.54	12.60	H
	11102	-56.66	-13	-43.66	-67.83	-66.43	2.69	12.46	H
	12954.5	-45.99	-13	-32.99	-59.03	-56.02	2.92	12.94	H
									H
	3700	-48.98	-13	-35.98	-44.83	-55.55	1.67	8.24	V
	5555	-59.17	-13	-46.17	-61.86	-66.24	2.66	9.72	V
	7403	-51.10	-13	-38.10	-55.53	-60.25	2.46	11.61	V
	9251	-46.02	-13	-33.02	-53.14	-56.08	2.54	12.60	V
	11102	-58.19	-13	-45.19	-69.21	-67.96	2.69	12.46	V
	12954.5	-48.57	-13	-35.57	-61.22	-58.6	2.92	12.94	V
									V
Middle	3756	-48.58	-13	-35.58	-44.34	-55.2	1.68	8.31	H
	5632	-61.09	-13	-48.09	-64.13	-68.14	2.70	9.75	H
	7515	-47.77	-13	-34.77	-51.99	-57.15	2.42	11.81	H
	9391	-41.88	-13	-28.88	-48.72	-51.86	2.57	12.54	H
	11269	-58.07	-13	-45.07	-69.84	-67.78	2.68	12.39	H
	13144.5	-47.26	-13	-34.26	-60.2	-57.5	2.97	13.20	H
									H
	3756	-49.18	-13	-36.18	-44.96	-55.8	1.68	8.31	V
	5632	-61.01	-13	-48.01	-64.08	-68.06	2.70	9.75	V
	7515	-52.15	-13	-39.15	-56.58	-61.53	2.42	11.81	V
	9391	-47.18	-13	-34.18	-54.41	-57.16	2.57	12.54	V
	11269	-58.38	-13	-45.38	-70.05	-68.09	2.68	12.39	V
	13144.5	-48.44	-13	-35.44	-61.13	-58.68	2.97	13.20	V
									V



Highest	3812	-49.73	-13	-36.73	-45.43	-56.4	1.70	8.37	H
	5716	-58.56	-13	-45.56	-62.01	-65.6	2.75	9.79	H
	7620	-46.42	-13	-33.42	-50.98	-55.9	2.39	11.87	H
	9524	-42.75	-13	-29.75	-49.76	-52.64	2.59	12.49	H
	11434.5	-57.17	-13	-44.17	-69.56	-66.81	2.68	12.33	H
	13334.5	-47.07	-13	-34.07	-59.8	-57.52	3.01	13.47	H
									H
	3812	-48.65	-13	-35.65	-44.4	-55.32	1.70	8.37	V
	5716	-58.04	-13	-45.04	-61.53	-65.08	2.75	9.79	V
	7620	-51.36	-13	-38.36	-56.19	-60.84	2.39	11.87	V
	9524	-47.83	-13	-34.83	-55.2	-57.72	2.59	12.49	V
	11434.5	-58.26	-13	-45.26	-70.62	-67.9	2.68	12.33	V
	13334.5	-53.67	-13	-40.67	-66.41	-64.12	3.01	13.47	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.11	-13	-36.11	-44.98	-55.68	1.67	8.24	H
	5555	-55.87	-13	-42.87	-58.61	-62.94	2.66	9.72	H
	7403	-46.15	-13	-33.15	-50.35	-55.3	2.46	11.61	H
	9251	-40.14	-13	-27.14	-46.78	-50.2	2.54	12.60	H
	11102	-57.10	-13	-44.10	-68.27	-66.87	2.69	12.46	H
	12954	-46.44	-13	-33.44	-59.48	-56.47	2.92	12.94	H
									H
	3700	-49.19	-13	-36.19	-45.05	-55.76	1.67	8.24	V
	5555	-58.83	-13	-45.83	-61.5	-65.9	2.66	9.72	V
	7403	-51.90	-13	-38.90	-56.34	-61.05	2.46	11.61	V
	9251	-45.94	-13	-32.94	-53.04	-56	2.54	12.60	V
	11102	-58.40	-13	-45.40	-69.41	-68.17	2.69	12.46	V
	12954	-48.87	-13	-35.87	-61.48	-58.9	2.92	12.94	V
									V
Middle	3749	-48.64	-13	-35.64	-44.4	-55.26	1.68	8.30	H
	5625	-60.46	-13	-47.46	-63.49	-67.51	2.70	9.75	H
	7501	-51.18	-13	-38.18	-55.34	-60.55	2.43	11.80	H
	9377	-39.31	-13	-26.31	-46.15	-49.3	2.56	12.55	H
	11254	-58.29	-13	-45.29	-70.01	-68	2.69	12.40	H
	13125	-40.63	-13	-27.63	-53.59	-50.84	2.96	13.18	H
									H
	3749	-48.53	-13	-35.53	-44.35	-55.15	1.68	8.30	V
	5625	-61.22	-13	-48.22	-64.3	-68.27	2.70	9.75	V
	7501	-57.83	-13	-44.83	-62.2	-67.2	2.43	11.80	V
	9377	-43.47	-13	-30.47	-50.71	-53.46	2.56	12.55	V
	11254	-58.85	-13	-45.85	-70.46	-68.56	2.69	12.40	V
	13125	-43.40	-13	-30.40	-56.13	-53.61	2.96	13.18	V
									V



Highest	3805	-48.63	-13	-35.63	-44.34	-55.3	1.70	8.37	H
	5702	-60.57	-13	-47.57	-64.01	-67.61	2.74	9.78	H
	7606	-46.77	-13	-33.77	-51.33	-56.24	2.40	11.86	H
	9503	-44.20	-13	-31.20	-51.19	-54.11	2.59	12.50	H
	11406	-55.33	-13	-42.33	-67.59	-64.98	2.68	12.34	H
	13306	-51.30	-13	-38.30	-64.07	-61.72	3.01	13.43	H
									H
	3805	-49.48	-13	-36.48	-45.33	-56.15	1.70	8.37	V
	5702	-60.22	-13	-47.22	-63.67	-67.26	2.74	9.78	V
	7606	-50.72	-13	-37.72	-55.6	-60.19	2.40	11.86	V
	9503	-49.49	-13	-36.49	-56.88	-59.4	2.59	12.50	V
	11406	-56.96	-13	-43.96	-69.17	-66.61	2.68	12.34	V
	13306	-53.42	-13	-40.42	-66.15	-63.84	3.01	13.43	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3728	-51.52	-13	-38.52	-47.34	-58.12	1.68	8.27	H
	5590	-58.34	-13	-45.34	-61.24	-65.4	2.68	9.74	H
	7459	-48.95	-13	-35.95	-53.16	-58.23	2.44	11.72	H
	9321	-46.92	-13	-33.92	-53.65	-56.94	2.55	12.57	H
	11184	-59.26	-13	-46.26	-70.73	-69	2.69	12.43	H
	13049.5	-47.08	-13	-34.08	-60.12	-57.21	2.94	13.07	H
									H
	3728	-51.60	-13	-38.60	-47.44	-58.2	1.68	8.27	V
	5590	-56.39	-13	-43.39	-59.25	-63.45	2.68	9.74	V
	7459	-54.67	-13	-41.67	-59.05	-63.95	2.44	11.72	V
	9321	-51.35	-13	-38.35	-58.53	-61.37	2.55	12.57	V
	11184	-59.60	-13	-46.60	-70.94	-69.34	2.69	12.43	V
	13049.5	-49.89	-13	-36.89	-62.57	-60.02	2.94	13.07	V
									V
Middle	3777	-51.36	-13	-38.36	-47.11	-58	1.69	8.33	H
	5660	-57.81	-13	-44.81	-61.02	-64.86	2.72	9.76	H
	7550	-47.90	-13	-34.90	-52.27	-57.32	2.41	11.83	H
	9433	-46.53	-13	-33.53	-53.41	-56.48	2.58	12.53	H
	11330	-59.23	-13	-46.23	-71.25	-68.91	2.68	12.37	H
	13211	-47.45	-13	-34.45	-60.35	-57.76	2.98	13.30	H
									H
	3777	-50.30	-13	-37.30	-46.08	-56.94	1.69	8.33	V
	5660	-58.90	-13	-45.90	-62.07	-65.95	2.72	9.76	V
	7550	-51.00	-13	-38.00	-55.57	-60.42	2.41	11.83	V
	9433	-50.29	-13	-37.29	-57.58	-60.24	2.58	12.53	V
	11330	-59.22	-13	-46.22	-71.18	-68.9	2.68	12.37	V
	13211	-52.05	-13	-39.05	-64.77	-62.36	2.98	13.30	V
									V



Highest	3819	-51.89	-13	-38.89	-47.57	-58.57	1.70	8.38	H
	5730	-58.37	-13	-45.37	-61.94	-65.4	2.76	9.79	H
	7634	-45.45	-13	-32.45	-50.09	-54.94	2.39	11.88	H
	9545	-43.28	-13	-30.28	-50.33	-53.15	2.60	12.47	H
	11453	-58.38	-13	-45.38	-70.85	-68.02	2.68	12.32	H
	13363	-47.75	-13	-34.75	-60.51	-58.24	3.02	13.51	H
									H
	3819	-50.15	-13	-37.15	-45.88	-56.83	1.70	8.38	V
	5730	-58.69	-13	-45.69	-62.23	-65.72	2.76	9.79	V
	7634	-47.45	-13	-34.45	-52.37	-56.94	2.39	11.88	V
	9545	-49.49	-13	-36.49	-56.91	-59.36	2.60	12.47	V
	11453	-58.76	-13	-45.76	-71.16	-68.4	2.68	12.32	V
	13363	-50.43	-13	-37.43	-63.15	-60.92	3.02	13.51	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.53	-13	-36.53	-45.58	-56.1	1.67	8.24	H
	5555	-54.93	-13	-41.93	57.65	-62	2.66	9.72	H
	7403	-46.85	-13	-33.85	-51.06	-56	2.46	11.61	H
	9258	-40.01	-13	-27.01	-46.68	-50.07	2.54	12.60	H
	11111.5	-56.74	-13	-43.74	-68.02	-66.51	2.69	12.46	H
	12954.5	-46.50	-13	-33.50	-59.55	-56.53	2.92	12.94	H
									H
	3700	-49.53	-13	-36.53	-45.38	-56.1	1.67	8.24	V
	5555	-56.46	-13	-43.46	-59.12	-63.53	2.66	9.72	V
	7403	-53.00	-13	-40.00	-57.4	-62.15	2.46	11.61	V
	9258	-46.30	-13	-33.30	-53.39	-56.36	2.54	12.60	V
	11111.5	-57.97	-13	-44.97	-69.04	-67.74	2.69	12.46	V
	12954.5	-50.17	-13	-37.17	-62.77	-60.2	2.92	12.94	V
									V
Middle	3742	-47.63	-13	-34.63	-43.46	-54.24	1.68	8.29	H
	5611	-60.19	-13	-47.19	-63.14	-67.25	2.69	9.74	H
	7487	-47.76	-13	-34.76	-51.9	-57.1	2.43	11.77	H
	9356	-42.51	-13	-29.51	-49.32	-52.51	2.56	12.56	H
	11226	-58.78	-13	-45.78	-70.42	-68.5	2.69	12.41	H
	13097	-48.66	-13	-35.66	-61.66	-58.84	2.95	13.14	H
									H
	3742	-48.20	-13	-35.20	-44.03	-54.81	1.68	8.29	V
	5611	-60.49	-13	-47.49	-63.42	-67.55	2.69	9.74	V
	7487	-54.06	-13	-41.06	-58.46	-63.4	2.43	11.77	V
	9356	-47.25	-13	-34.25	-54.45	-57.25	2.56	12.56	V
	11226	-58.78	-13	-45.78	-70.3	-68.5	2.69	12.41	V
	13097	-50.12	-13	-37.12	-62.81	-60.3	2.95	13.14	V
									V



Highest	3784	-52.55	-13	-39.55	-48.3	-59.2	1.69	8.34	H
	5674	-60.26	-13	-47.26	-63.53	-67.3	2.73	9.77	H
	7564	-45.90	-13	-32.90	-50.3	-55.33	2.41	11.84	H
	9454	-48.56	-13	-35.56	-55.48	-58.5	2.58	12.52	H
	11355	-58.97	-13	-45.97	-71.06	-68.64	2.68	12.36	H
	13239.5	-49.44	-13	-36.44	-62.31	-59.78	2.99	13.33	H
									H
	3784	-52.57	-13	-39.57	-48.34	-59.22	1.69	8.34	V
	5674	-58.70	-13	-45.70	-61.99	-65.74	2.73	9.77	V
	7564	-52.24	-13	-39.24	-56.87	-61.67	2.41	11.84	V
	9454	-53.36	-13	-40.36	-60.68	-63.3	2.58	12.52	V
	11355	-59.44	-13	-46.44	-71.47	-69.11	2.68	12.36	V
	13239.5	-51.52	-13	-38.52	-64.24	-61.86	2.99	13.33	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4

LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-61.33	-13	-48.33	-57.14	-67.4	1.58	7.65	H
	5135	-61.82	-13	-48.82	-62.41	-69.11	2.41	9.70	H
	6843	-55.17	-13	-42.17	-59.9	-63.14	2.64	10.61	H
	8551	-29.70	-13	-16.70	-36.1	-39.83	2.39	12.52	H
	10264	-52.50	-13	-39.50	-60.99	-62.11	2.69	12.31	H
	11976	-55.54	-13	-42.54	-68	-65.16	2.68	12.30	H
	13688	-48.12	-13	-35.12	-60.94	-58.9	3.10	13.89	H
	3420	-59.53	-13	-46.53	-55.39	-65.6	1.58	7.65	V
	5135	-62.25	-13	-49.25	-62.67	-69.54	2.41	9.70	V
	6843	-59.80	-13	-46.80	-64.49	-67.77	2.64	10.61	V
	8551	-38.59	-13	-25.59	-45.32	-48.72	2.39	12.52	V
	10264	-56.29	-13	-43.29	-64.65	-65.9	2.69	12.31	V
	11976	-58.53	-13	-45.53	-70.52	-68.15	2.68	12.30	V
	13688	-52.74	-13	-39.74	-65.75	-63.52	3.10	13.89	V
Middle	3462	-58.97	-13	-45.97	-55.01	-65.21	1.59	7.83	H
	5198	-59.33	-13	-46.33	-60.26	-66.58	2.45	9.70	H
	6927	-54.86	-13	-41.86	-59.5	-62.96	2.61	10.71	H
	8663	-37.45	-13	-24.45	-43.82	-47.6	2.41	12.57	H
	10392	-56.05	-13	-43.05	-64.8	-65.71	2.69	12.36	H
	12128	-58.95	-13	-45.95	-71.51	-68.57	2.71	12.33	H
	13856	-51.12	-13	-38.12	-64.1	-62.03	3.15	14.06	H
	3462	-57.90	-13	-44.90	-53.87	-64.14	1.59	7.83	V
	5198	-62.25	-13	-49.25	-63.07	-69.5	2.45	9.70	V
	6927	-61.82	-13	-48.82	-66.44	-69.92	2.61	10.71	V
	8663	-47.35	-13	-34.35	-54.08	-57.5	2.41	12.57	V
	10392	-59.24	-13	-46.24	-67.85	-68.9	2.69	12.36	V
	12128	-60.55	-13	-47.55	-72.57	-70.17	2.71	12.33	V
	13856	-53.79	-13	-40.79	-67	-64.7	3.15	14.06	V



Highest	3511	-57.29	-13	-44.29	-53.43	-63.7	1.61	8.01	H
	5261	-60.54	-13	-47.54	-61.8	-67.75	2.49	9.70	H
	7018	-50.01	-13	-37.01	-54.53	-58.26	2.58	10.84	H
	8768	-36.15	-13	-23.15	-42.53	-46.32	2.43	12.61	H
	10528	-55.72	-13	-42.72	-64.79	-65.43	2.69	12.41	H
	12280	-57.30	-13	-44.30	-69.97	-66.91	2.75	12.36	H
	14032	-51.53	-13	-38.53	-64.67	-62.46	3.20	14.12	H
	3511	-58.50	-13	-45.50	-54.51	-64.91	1.61	8.01	V
	5261	-62.33	-13	-49.33	-63.48	-69.54	2.49	9.70	V
	7018	-55.45	-13	-42.45	-60	-63.7	2.58	10.84	V
	8768	-46.03	-13	-33.03	-52.78	-56.2	2.43	12.61	V
	10528	-58.00	-13	-45.00	-66.92	-67.71	2.69	12.41	V
	12280	-58.09	-13	-45.09	-70.1	-67.7	2.75	12.36	V
	14032	-54.89	-13	-41.89	-68.29	-65.82	3.20	14.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3427	-58.85	-13	-45.85	-54.76	-64.95	1.58	7.68	H
	5135	-61.28	-13	-48.28	-61.88	-68.57	2.41	9.70	H
	6850	-55.44	-13	-42.44	-60.17	-63.42	2.64	10.62	H
	8558	-28.24	-13	-15.24	-34.67	-38.38	2.39	12.52	H
	10272	-50.32	-13	-37.32	-58.82	-59.93	2.69	12.31	H
	11984	-54.12	-13	-41.12	-66.58	-63.74	2.68	12.30	H
	13696	-47.85	-13	-34.85	-60.67	-58.64	3.11	13.90	H
	3427	-57.96	-13	-44.96	-53.87	-64.06	1.58	7.68	V
	5135	-62.05	-13	-49.05	-62.49	-69.34	2.41	9.70	V
	6850	-57.82	-13	-44.82	-62.54	-65.8	2.64	10.62	V
	8558	-35.90	-13	-22.90	-42.65	-46.04	2.39	12.52	V
	10272	-54.41	-13	-41.41	-62.8	-64.02	2.69	12.31	V
	11984	-57.08	-13	-44.08	-69.07	-66.7	2.68	12.30	V
	13696	-50.91	-13	-37.91	-63.91	-61.7	3.11	13.90	V
Middle	3469	-58.18	-13	-45.18	-54.21	-64.45	1.59	7.86	H
	5198	-57.46	-13	-44.46	-58.42	-64.71	2.45	9.70	H
	6934	-52.73	-13	-39.73	-57.39	-60.84	2.61	10.72	H
	8663	-36.68	-13	-23.68	-43.04	-46.83	2.41	12.57	H
	10400	-55.24	-13	-42.24	-64.06	-64.91	2.69	12.36	H
	12128	-57.29	-13	-44.29	-69.86	-66.91	2.71	12.33	H
	13864	-49.65	-13	-36.65	-62.62	-60.57	3.15	14.06	H
	3469	-57.66	-13	-44.66	-53.61	-63.93	1.59	7.86	V
	5198	-60.59	-13	-47.59	-61.4	-67.84	2.45	9.70	V
	6934	-58.94	-13	-45.94	-63.6	-67.05	2.61	10.72	V
	8663	-45.75	-13	-32.75	-52.49	-55.9	2.41	12.57	V
	10400	-58.33	-13	-45.33	-66.97	-68	2.69	12.36	V
	12128	-59.82	-13	-46.82	-71.83	-69.44	2.71	12.33	V
	13864	-52.58	-13	-39.58	-65.8	-63.5	3.15	14.06	V



Highest	3511	-55.43	-13	-42.43	-51.6	-61.84	1.61	8.01	H
	5261	-57.02	-13	-44.02	-58.31	-64.23	2.49	9.70	H
	7018	-47.25	-13	-34.25	-51.74	-55.5	2.58	10.84	H
	8768	-34.73	-13	-21.73	-41.09	-44.9	2.43	12.61	H
	10520	-52.50	-13	-39.50	-61.58	-62.21	2.69	12.40	H
	12280	-55.61	-13	-42.61	-68.28	-65.22	2.75	12.36	H
	14032	-49.67	-13	-36.67	-62.83	-60.6	3.20	14.12	H
	3511	-56.70	-13	-43.70	-52.71	-63.11	1.61	8.01	V
	5261	-61.02	-13	-48.02	-62.19	-68.23	2.49	9.70	V
	7018	-53.03	-13	-40.03	-57.64	-61.28	2.58	10.84	V
	8768	-43.17	-13	-30.17	-49.92	-53.34	2.43	12.61	V
	10520	-56.59	-13	-43.59	-65.49	-66.3	2.69	12.40	V
	12280	-58.21	-13	-45.21	-70.22	-67.82	2.75	12.36	V
	14032	-52.87	-13	-39.87	-66.26	-63.8	3.20	14.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-58.63	-13	-45.63	-54.45	-64.7	1.58	7.65	H
	5135	-61.16	-13	-48.16	-62.08	-68.45	2.41	9.70	H
	6843	-55.43	-13	-42.43	-60.16	-63.4	2.64	10.61	H
	8551	-27.10	-13	-14.10	-33.5	-37.23	2.39	12.52	H
	10264	-50.29	-13	-37.29	-58.75	-59.9	2.69	12.31	H
	11976	-54.26	-13	-41.26	-66.73	-63.88	2.68	12.30	H
	13680	-46.88	-13	-33.88	-59.69	-57.66	3.10	13.88	H
	3420	-58.69	-13	-45.69	-54.58	-64.76	1.58	7.65	V
	5135	-61.85	-13	-48.85	-62.28	-69.14	2.41	9.70	V
	6843	-58.74	-13	-45.74	-63.47	-66.71	2.64	10.61	V
	8551	-34.83	-13	-21.83	-41.54	-44.96	2.39	12.52	V
	10264	-54.81	-13	-41.81	-63.18	-64.42	2.69	12.31	V
	11976	-58.55	-13	-45.55	-70.57	-68.17	2.68	12.30	V
	13680	-50.72	-13	-37.72	-63.7	-61.5	3.10	13.88	V
Middle	3462	-58.56	-13	-45.56	-54.58	-64.8	1.59	7.83	H
	5191	-57.41	-13	-44.41	-58.34	-64.66	2.45	9.70	H
	6920	-54.15	-13	-41.15	-58.82	-62.24	2.62	10.70	H
	8649	-37.75	-13	-24.75	-44.11	-47.9	2.41	12.56	H
	10384	-55.71	-13	-42.71	-64.49	-65.37	2.69	12.35	H
	12112	-57.63	-13	-44.63	-70.18	-67.25	2.71	12.32	H
	13840	-51.00	-13	-38.00	-63.96	-61.9	3.14	14.04	H
	3462	-59.21	-13	-46.21	-55.18	-65.45	1.59	7.83	V
	5191	-60.76	-13	-47.76	-61.58	-68.01	2.45	9.70	V
	6920	-59.39	-13	-46.39	-64.03	-67.48	2.62	10.70	V
	8649	-46.75	-13	-33.75	-53.48	-56.9	2.41	12.56	V
	10384	-58.34	-13	-45.34	-66.99	-68	2.69	12.35	V
	12112	-60.05	-13	-47.05	-72.01	-69.67	2.71	12.32	V
	13840	-52.03	-13	-39.03	-65.23	-62.93	3.14	14.04	V



Highest	3504	-54.00	-13	-41.00	-50.19	-60.4	1.61	8.00	H
	5254	-59.46	-13	-46.46	-60.64	-66.68	2.48	9.70	H
	7004	-45.08	-13	-32.08	-49.6	-53.3	2.59	10.81	H
	8754	-29.90	-13	-16.90	-36.26	-40.07	2.43	12.60	H
	10504	-49.69	-13	-36.69	-58.69	-59.4	2.69	12.40	H
	12256	-52.70	-13	-39.70	-65.32	-62.31	2.74	12.35	H
	14000	-46.53	-13	-33.53	-59.64	-57.55	3.18	14.20	H
	3504	-55.46	-13	-42.46	-51.49	-61.86	1.61	8.00	V
	5254	-61.48	-13	-48.48	-62.56	-68.7	2.48	9.70	V
	7004	-51.05	-13	-38.05	-55.6	-59.27	2.59	10.81	V
	8754	-39.07	-13	-26.07	-45.84	-49.24	2.43	12.60	V
	10504	-55.16	-13	-42.16	-64.01	-64.87	2.69	12.40	V
	12256	-56.01	-13	-43.01	-68.01	-65.62	2.74	12.35	V
	14000	-50.98	-13	-37.98	-64.4	-62	3.18	14.20	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3441	-58.66	-13	-45.66	-54.62	-64.81	1.59	7.74	H
	5156	-57.96	-13	-44.96	-58.62	-65.23	2.43	9.70	H
	6878	-56.20	-13	-43.20	-60.91	-64.22	2.63	10.65	H
	8600	-30.91	-13	-17.91	-37.3	-41.05	2.40	12.54	H
	10320	-53.42	-13	-40.42	-62.01	-63.05	2.69	12.33	H
	12040	-55.18	-13	-42.18	-67.66	-64.8	2.69	12.31	H
	13752	-46.84	-13	-33.84	-59.75	-57.67	3.12	13.95	H
	3441	-59.38	-13	-46.38	-55.32	-65.53	1.59	7.74	V
	5156	-61.62	-13	-48.62	-62.15	-68.89	2.43	9.70	V
	6878	-59.44	-13	-46.44	-64.1	-67.46	2.63	10.65	V
	8600	-40.00	-13	-27.00	-46.73	-50.14	2.40	12.54	V
	10320	-56.05	-13	-43.05	-64.51	-65.68	2.69	12.33	V
	12040	-57.84	-13	-44.84	-69.81	-67.46	2.69	12.31	V
	13752	-52.49	-13	-39.49	-65.57	-63.32	3.12	13.95	V
Middle	3476	-55.62	-13	-42.62	-51.77	-61.92	1.60	7.89	H
	5212	-58.46	-13	-45.46	-59.46	-65.7	2.46	9.70	H
	6948	-51.55	-13	-38.55	-56.16	-59.68	2.61	10.74	H
	8684	-31.02	-13	-18.02	-37.38	-41.18	2.41	12.57	H
	10424	-55.43	-13	-42.43	-64.25	-65.11	2.69	12.37	H
	12160	-57.00	-13	-44.00	-69.58	-66.61	2.72	12.33	H
	13896	-48.74	-13	-35.74	-61.82	-59.68	3.16	14.10	H
	3476	-56.82	-13	-43.82	-52.81	-63.12	1.60	7.89	V
	5212	-48.40	-13	-35.40	-49.3	-55.64	2.46	9.70	V
	6948	-56.89	-13	-43.89	-61.51	-65.02	2.61	10.74	V
	8684	-40.99	-13	-27.99	-47.73	-51.15	2.41	12.57	V
	10424	-57.46	-13	-44.46	-66.13	-67.14	2.69	12.37	V
	12160	-58.91	-13	-45.91	-70.91	-68.52	2.72	12.33	V
	13896	-52.01	-13	-39.01	-65.29	-62.95	3.16	14.10	V



Highest	3511	-57.11	-13	-44.11	-53.29	-63.52	1.61	8.01	H
	5261	-52.34	-13	-39.34	-53.6	-59.55	2.49	9.70	H
	7018	-45.45	-13	-32.45	-49.95	-53.7	2.58	10.84	H
	8775	-33.82	-13	-20.82	-40.18	-44	2.43	12.61	H
	10528	-53.04	-13	-40.04	-62.14	-62.75	2.69	12.41	H
	12280	-53.97	-13	-40.97	-66.62	-63.58	2.75	12.36	H
	14032	-47.27	-13	-34.27	-60.43	-58.2	3.20	14.12	H
	3511	-56.29	-13	-43.29	-52.3	-62.7	1.61	8.01	V
	5261	-50.10	-13	-37.10	-51.28	-57.31	2.49	9.70	V
	7018	-51.07	-13	-38.07	-55.65	-59.32	2.58	10.84	V
	8775	-42.66	-13	-29.66	-49.42	-52.84	2.43	12.61	V
	10528	-57.09	-13	-44.09	-66.01	-66.8	2.69	12.41	V
	12280	-55.61	-13	-42.61	-67.62	-65.22	2.75	12.36	V
	14032	-51.71	-13	-38.71	-65.21	-62.64	3.20	14.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.01	-13	-46.01	-54.82	-65.08	1.58	7.65	H
	5135	-60.76	-13	-47.76	-61.38	-68.05	2.41	9.70	H
	6843	-55.90	-13	-42.90	-60.65	-63.87	2.64	10.61	H
	8558	-27.62	-13	-14.62	-34.03	-37.76	2.39	12.52	H
	10264	-51.39	-13	-38.39	-59.85	-61	2.69	12.31	H
	11976	-54.51	-13	-41.51	-67.07	-64.13	2.68	12.30	H
	13688	-46.77	-13	-33.77	-59.55	-57.55	3.10	13.89	H
	3420	-58.43	-13	-45.43	-54.32	-64.5	1.58	7.65	V
	5135	-61.71	-13	-48.71	-62.18	-69	2.41	9.70	V
	6843	-59.40	-13	-46.40	-64.08	-67.37	2.64	10.61	V
	8558	-37.21	-13	-24.21	-43.96	-47.35	2.39	12.52	V
	10264	-54.63	-13	-41.63	-62.98	-64.24	2.69	12.31	V
	11976	-58.18	-13	-45.18	-70.18	-67.8	2.68	12.30	V
	13688	-49.65	-13	-36.65	-62.64	-60.43	3.10	13.89	V
Middle	3455	-58.46	-13	-45.46	-54.44	-64.67	1.59	7.80	H
	5177	-60.26	-13	-47.26	-61.13	-67.52	2.44	9.70	H
	6906	-56.46	-13	-43.46	-61.14	-64.53	2.62	10.69	H
	8628	-36.16	-13	-23.16	-42.56	-46.31	2.40	12.55	H
	10352	-56.10	-13	-43.10	-64.77	-65.75	2.69	12.34	H
	12080	-58.85	-13	-45.85	-71.35	-68.47	2.70	12.32	H
	13808	-52.37	-13	-39.37	-65.29	-63.24	3.13	14.01	H
	3455	-58.50	-13	-45.50	-54.44	-64.71	1.59	7.80	V
	5177	-62.09	-13	-49.09	-62.82	-69.35	2.44	9.70	V
	6906	-61.26	-13	-48.26	-65.93	-69.33	2.62	10.69	V
	8628	-45.48	-13	-32.48	-52.23	-55.63	2.40	12.55	V
	10352	-58.75	-13	-45.75	-67.29	-68.4	2.69	12.34	V
	12080	-60.74	-13	-47.74	-72.73	-70.36	2.70	12.32	V
	13808	-54.13	-13	-41.13	-67.26	-65	3.13	14.01	V



Highest	3483	-55.67	-13	-42.67	-51.76	-62	1.60	7.93	H
	5226	-60.38	-13	-47.38	-61.49	-67.61	2.47	9.70	H
	6962	-48.01	-13	-35.01	-52.57	-56.16	2.60	10.75	H
	8705	-27.91	-13	-14.91	-34.29	-38.07	2.42	12.58	H
	10448	-51.65	-13	-38.65	-60.55	-61.34	2.69	12.38	H
	12184	-53.69	-13	-40.69	-66.27	-63.3	2.72	12.34	H
	13928	-48.39	-13	-35.39	-61.43	-59.35	3.16	14.13	H
	3483	-57.69	-13	-44.69	-53.71	-64.02	1.60	7.93	V
	5226	-62.09	-13	-49.09	-63.05	-69.32	2.47	9.70	V
	6962	-54.50	-13	-41.50	-59.1	-62.65	2.60	10.75	V
	8705	-36.59	-13	-23.59	-43.34	-46.75	2.42	12.58	V
	10448	-55.92	-13	-42.92	-64.67	-65.61	2.69	12.38	V
	12184	-56.49	-13	-43.49	-68.51	-66.1	2.72	12.34	V
	13928	-51.67	-13	-38.67	-64.96	-62.63	3.16	14.13	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.84	-13	-46.84	-55.68	-65.91	1.58	7.65	H
	5135	-61.51	-13	-48.51	-62.09	-68.8	2.41	9.70	H
	6843	-54.45	-13	-41.45	-59.18	-62.42	2.64	10.61	H
	8558	-27.21	-13	-14.21	-33.61	-37.35	2.39	12.52	H
	10264	-51.99	-13	-38.99	-60.46	-61.6	2.69	12.31	H
	11976	-54.38	-13	-41.38	-66.84	-64	2.68	12.30	H
	13688	-47.46	-13	-34.46	-60.25	-58.24	3.10	13.89	H
	3420	-58.67	-13	-45.67	-54.54	-64.74	1.58	7.65	V
	5135	-60.43	-13	-47.43	-60.93	-67.72	2.41	9.70	V
	6843	-59.23	-13	-46.23	-63.92	-67.2	2.64	10.61	V
	8558	-36.17	-13	-23.17	-42.96	-46.31	2.39	12.52	V
	10264	-55.11	-13	-42.11	-63.48	-64.72	2.69	12.31	V
	11976	-57.53	-13	-44.53	-69.51	-67.15	2.68	12.30	V
	13688	-51.32	-13	-38.32	-64.31	-62.1	3.10	13.89	V
Middle	3448	-56.96	-13	-43.96	-52.92	-63.14	1.59	7.77	H
	5170	-60.44	-13	-47.44	-61.22	-67.71	2.43	9.70	H
	5892	-54.95	-13	-41.95	-59.63	-61.96	2.85	9.86	H
	8621	-35.15	-13	-22.15	-41.52	-45.3	2.40	12.55	H
	10344	-54.74	-13	-41.74	-63.41	-64.38	2.69	12.34	H
	12064	-57.22	-13	-44.22	-69.73	-66.84	2.69	12.31	H
	13792	-50.44	-13	-37.44	-63.34	-61.3	3.13	13.99	H
	3448	-58.26	-13	-45.26	-54.19	-64.44	1.59	7.77	V
	5170	-61.63	-13	-48.63	-62.27	-68.9	2.43	9.70	V
	5892	-59.70	-13	-46.70	-64.36	-66.71	2.85	9.86	V
	8621	-43.27	-13	-30.27	-49.99	-53.42	2.40	12.55	V
	10344	-57.51	-13	-44.51	-66.09	-67.15	2.69	12.34	V
	12064	-59.68	-13	-46.68	-71.64	-69.3	2.69	12.31	V
	13792	-54.16	-13	-41.16	-67.3	-65.02	3.13	13.99	V



Highest	3476	-56.00	-13	-43.00	-52.1	-62.3	1.60	7.89	H
	5212	-56.51	-13	-43.51	-57.53	-63.75	2.46	9.70	H
	6948	-50.67	-13	-37.67	-55.27	-58.8	2.61	10.74	H
	8684	-30.55	-13	-17.55	-36.94	-40.71	2.41	12.57	H
	10416	-55.11	-13	-42.11	-63.94	-64.78	2.69	12.37	H
	12152	-57.79	-13	-44.79	-70.37	-67.4	2.72	12.33	H
	13888	-48.14	-13	-35.14	-61.17	-59.07	3.15	14.09	H
	3476	-55.96	-13	-42.96	-51.96	-62.26	1.60	7.89	V
	5212	-60.73	-13	-47.73	-61.66	-67.97	2.46	9.70	V
	6948	-57.12	-13	-44.12	-61.73	-65.25	2.61	10.74	V
	8684	-39.88	-13	-26.88	-46.64	-50.04	2.41	12.57	V
	10416	-58.35	-13	-45.35	-67.04	-68.02	2.69	12.37	V
	12152	-60.07	-13	-47.07	-72.06	-69.68	2.72	12.33	V
	13888	-52.06	-13	-39.06	-65.3	-62.99	3.15	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-70.83	-13	-57.83	-58.52	-72.59	0.98	4.89	H
	2476	-66.66	-13	-53.66	-59.76	-68.55	1.28	5.33	H
	3301	-65.98	-13	-52.98	-61.15	-69.41	1.54	7.12	H
									H
									H
									H
									H
	1648	-70.25	-13	-57.25	-58.38	-72.01	0.98	4.89	V
	2476	-65.62	-13	-52.62	-59.26	-67.51	1.28	5.33	V
	3301	-65.79	-13	-52.79	61.28	-69.22	1.54	7.12	V
									V
									V
									V
									V
Middle	1675	-69.64	-13	-56.64	-57.64	-71.31	0.99	4.81	H
	2512	-65.46	-13	-52.46	-58.75	-67.43	1.29	5.41	H
	3349	-65.46	-13	-52.46	-60.83	-69.09	1.56	7.34	H
									H
									H
									H
									H
	1675	-69.02	-13	-56.02	-57.5	-70.69	0.99	4.81	V
	2512	-63.57	-13	-50.57	-57.283	-65.54	1.29	5.41	V
	3349	-65.39	-13	-52.39	-60.84	-69.02	1.56	7.34	V
									V
									V
									V
									V



Highest	1699	-69.46	-13	-56.46	-57.6	-71.05	1.00	4.74	H
	2548	-63.14	-13	-50.14	-56.49	-65.12	1.31	5.44	H
	3397	-65.43	-13	-52.43	-60.99	-69.25	1.57	7.55	H
									H
									H
									H
									H
	1699	-68.63	-13	-55.63	-57.32	-70.22	1.00	4.74	V
	2548	-60.28	-13	-47.28	-54.08	-62.26	1.31	5.44	V
	3397	-65.29	-13	-52.29	-60.95	-69.11	1.57	7.55	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1657	-70.28	-13	-57.28	-57.95	-72.01	0.98	4.86	H
	2482	-66.18	-13	-53.18	-59.17	-68.09	1.29	5.35	H
	3314	-66.11	-13	-53.11	-61.22	-69.6	1.55	7.18	H
									H
									H
									H
									H
	1657	-69.23	-13	-56.23	-57.41	-70.96	0.98	4.86	V
	2482	-65.14	-13	-52.14	-58.58	-67.05	1.29	5.35	V
	3314	-65.78	-13	-52.78	-61.17	-69.27	1.55	7.18	V
									V
									V
									V
									V
Middle	1678	-69.06	-13	-56.06	-56.9	-70.72	0.99	4.80	H
	2515	-66.02	-13	-53.02	-59.15	-67.99	1.30	5.41	H
	3340	-65.98	-13	-52.98	-61.18	-69.57	1.55	7.30	H
									H
									H
									H
									H
	1678	-68.79	-13	-55.79	-57.14	-70.45	0.99	4.80	V
	2515	-62.64	-13	-49.64	-56.21	-64.61	1.30	5.41	V
	3340	-65.69	-13	-52.69	-61.1	-69.28	1.55	7.30	V
									V
									V
									V
									V



Highest	1702	-70.05	-13	-57.05	-58.06	-71.63	1.00	4.73	H
	2548	-61.68	-13	-48.68	-54.85	-63.66	1.31	5.44	H
	3394	-65.48	-13	-52.48	-60.91	-69.29	1.57	7.53	H
									H
									H
									H
									H
	1702	-69.76	-13	-56.76	-58.19	-71.34	1.00	4.73	V
	2548	-59.58	-13	-46.58	-53.18	-61.56	1.31	5.44	V
	3394	-65.36	-13	-52.36	-60.94	-69.17	1.57	7.53	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1660	-70.31	-13	-57.31	-58.01	-72.03	0.98	4.85	H
	2488	-65.78	-13	-52.78	-58.86	-67.71	1.29	5.36	H
	3319	-66.05	-13	-53.05	-61.18	-69.56	1.55	7.20	H
									H
									H
									H
									H
	1660	-69.74	-13	-56.74	-57.95	-71.46	0.98	4.85	V
	2488	-62.96	-13	-49.96	-56.51	-64.89	1.29	5.36	V
	3319	-65.83	-13	-52.83	-61.18	-69.34	1.55	7.20	V
									V
									V
									V
									V
Middle	1681	-69.28	-13	-56.28	-57.15	-70.93	0.99	4.79	H
	2518	-64.96	-13	-51.96	-58.08	-66.93	1.30	5.41	H
	3362	-65.48	-13	-52.48	-60.83	-69.16	1.56	7.39	H
									H
									H
									H
									H
	1681	-68.94	-13	-55.94	-57.24	-70.59	0.99	4.79	V
	2518	-63.57	-13	-50.57	-57.1	-65.54	1.30	5.41	V
	3362	-65.48	-13	-52.48	-60.93	-69.16	1.56	7.39	V
									V
									V
									V
									V



Highest	1699	-69.76	-13	-56.76	-57.77	-71.35	1.00	4.74	H
	2548	-62.86	-13	-49.86	-56.01	-64.84	1.31	5.44	H
	3397	-65.44	-13	-52.44	-60.87	-69.26	1.57	7.55	H
									H
									H
									H
									H
	1699	-69.47	-13	-56.47	-57.94	-71.06	1.00	4.74	V
	2548	-60.06	-13	-47.06	-53.72	-62.04	1.31	5.44	V
	3397	-65.49	-13	-52.49	-61.01	-69.31	1.57	7.55	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1669	-69.98	-13	-56.98	-57.76	-71.67	0.99	4.83	H
	2503	-66.13	-13	-53.13	-59.25	-68.09	1.29	5.40	H
	3338	-65.91	-13	-52.91	-61.18	-69.49	1.55	7.29	H
									H
									H
									H
									H
	1669	-69.55	-13	-56.55	-57.7	-71.24	0.99	4.83	V
	2503	-64.86	-13	-51.86	-58.39	-66.82	1.29	5.40	V
	3338	-65.68	-13	-52.68	-61.15	-69.26	1.55	7.29	V
									V
									V
									V
									V
Middle	1684	-69.78	-13	-56.78	-57.59	-71.42	0.99	4.78	H
	2527	-66.39	-13	-53.39	-59.47	-68.36	1.30	5.42	H
	3367	-65.47	-13	-52.47	-60.77	-69.17	1.56	7.41	H
									H
									H
									H
									H
	1684	-68.57	-13	-55.57	-56.93	-70.21	0.99	4.78	V
	2527	-65.98	-13	-52.98	-59.64	-67.95	1.30	5.42	V
	3367	-65.37	-13	-52.37	-60.88	-69.07	1.56	7.41	V
									V
									V
									V
									V



Highest	1699	-69.68	-13	-56.68	-57.69	-71.27	1.00	4.74	H
	2548	-64.70	-13	-51.70	-57.78	-66.68	1.31	5.44	H
	3398	-65.42	-13	-52.42	-60.84	-69.25	1.57	7.55	H
									H
									H
									H
									H
	1699	-68.87	-13	-55.87	-57.35	-70.46	1.00	4.74	V
	2548	-61.78	-13	-48.78	-55.4	-63.76	1.31	5.44	V
	3398	-65.49	-13	-52.49	-61.01	-69.32	1.57	7.55	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-62.06	-25	-37.06	-61.89	-69.42	2.34	9.70	H
	7512	-54.67	-25	-29.67	-58.71	-64.05	2.43	11.81	H
	10020	-46.51	-25	-21.51	54.3	-56.02	2.70	12.21	H
	17530	-54.64	-25	-29.64	-69.98	-65.02	3.81	14.18	H
									H
									H
									H
	5004	-61.97	-25	-36.97	-61.6	-69.33	2.34	9.70	V
	7512	-60.41	-25	-35.41	-64.49	-69.79	2.43	11.81	V
	10020	-49.51	-25	-24.51	-57.2	-59.02	2.70	12.21	V
	17530	-56.01	-25	-31.01	-72.9	-66.39	3.81	14.18	V
									V
									V
									V
Middle	5076	-60.34	-25	-35.34	-60.39	-67.66	2.38	9.70	H
	7608	-53.55	-25	-28.55	-57.76	-63.02	2.39	11.86	H
	10152	-51.95	-25	-26.95	-60	-61.52	2.70	12.26	H
									H
									H
									H
									H
	5076	-58.73	-25	-33.73	-58.48	-66.05	2.38	9.70	V
	7608	-57.86	-25	-32.86	-62.53	-67.33	2.39	11.86	V
	10152	-54.82	-25	-29.82	-62.79	-64.39	2.70	12.26	V
									V
									V
									V
									V



Highest	5136	-57.49	-25	-32.49	-57.69	-64.77	2.42	9.70	H
	7704	-51.66	-25	-26.66	-56.31	-61.22	2.36	11.92	H
	10284	-54.07	-25	-29.07	-62.47	-63.69	2.69	12.31	H
									H
									H
									H
									H
	5136	-54.29	-25	-29.29	-54.51	-61.57	2.42	9.70	V
	7704	-56.77	-25	-31.77	-61.8	-66.33	2.36	11.92	V
	10284	-55.52	-25	-30.52	-63.66	-65.14	2.69	12.31	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5016	-61.67	-25	-36.67	-61.47	-69.02	2.35	9.70	H
	7524	-53.94	-25	-28.94	-58.06	-63.33	2.42	11.81	H
	10044	-47.67	-25	-22.67	-55.44	-57.19	2.70	12.22	H
									H
									H
									H
									H
	5016	-62.09	-25	-37.09	-61.74	-69.44	2.35	9.70	V
	7524	-58.05	-25	-33.05	-62.47	-67.44	2.42	11.81	V
	10044	-49.41	-25	-24.41	-57.02	-58.93	2.70	12.22	V
									V
									V
									V
									V
Middle	5076	-60.69	-25	-35.69	-59.2	-68.01	2.38	9.70	H
	7620	-51.94	-25	-26.94	-61.7	-61.42	2.39	11.87	H
	10164	-51.02	-25	-26.02	-61.67	-60.59	2.70	12.27	H
									H
									H
									H
									H
	5076	-59.11	-25	-34.11	-59.2	-66.43	2.38	9.70	V
	7620	-56.95	-25	-31.95	-61.7	-66.43	2.39	11.87	V
	10164	-53.65	-25	-28.65	-61.67	-63.22	2.70	12.27	V
									V
									V
									V
									V



Highest	5136	-57.11	-25	-32.11	-57.55	-64.39	2.42	9.70	H
	7704	-51.46	-25	-26.46	-56.04	-61.02	2.36	11.92	H
	10284	-54.07	-25	-29.07	-62.5	-63.69	2.69	12.31	H
									H
									H
									H
									H
	5136	-53.83	-25	-28.83	-54.07	-61.11	2.42	9.70	V
	7704	-56.66	-25	-31.66	-61.61	-66.22	2.36	11.92	V
	10284	-55.71	-25	-30.71	-63.95	-65.33	2.69	12.31	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5032	-61.68	-25	-36.68	-61.49	-69.02	2.36	9.70	H
	7548	-54.09	-25	-29.09	-58.24	-63.51	2.41	11.83	H
	10056	-47.91	-25	-22.91	-55.8	-57.44	2.70	12.22	H
									H
									H
									H
									H
	5032	-61.68	-25	-36.68	-61.35	-69.02	2.36	9.70	V
	7548	-59.13	-25	-34.13	-63.48	-68.55	2.41	11.83	V
	10056	-52.13	-25	-27.13	-59.85	-61.66	2.70	12.22	V
									V
									V
									V
									V
Middle	5088	-60.71	-25	-35.71	-60.78	-68.02	2.39	9.70	H
	7620	-51.96	-25	-26.96	-56.4	-61.44	2.39	11.87	H
	10164	-51.31	-25	-26.31	-59.34	-60.88	2.70	12.27	H
	17794	-55.86	-25	-30.86	-72.93	-66.11	3.77	14.02	H
									H
									H
									H
	5088	-59.35	-25	-34.35	-59.18	-66.66	2.39	9.70	V
	7620	-57.63	-25	-32.63	-62.12	-67.11	2.39	11.87	V
	10164	-53.02	-25	-28.02	-61.12	-62.59	2.70	12.27	V
	17794	-57.64	-25	-32.64	-74.62	-67.89	3.77	14.02	V
									V
									V
									V



Highest	5136	-58.49	-25	-33.49	-58.87	-65.77	2.42	9.70	H
	7704	-52.03	-25	-27.03	-56.79	-61.59	2.36	11.92	H
	10272	-52.72	-25	-27.72	-61.15	-62.33	2.69	12.31	H
									H
									H
									H
									H
	5136	-55.49	-25	-30.49	-55.71	-62.77	2.42	9.70	V
	7704	-56.83	-25	-31.83	-61.92	-66.39	2.36	11.92	V
	10272	-55.44	-25	-30.44	-63.6	-65.05	2.69	12.31	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5040	-61.72	-25	-36.72	-61.77	-69.06	2.36	9.70	H
	7560	-51.03	-25	-26.03	-55.09	-60.46	2.41	11.84	H
	10080	-47.52	-25	-22.52	-55.36	-57.06	2.70	12.23	H
	17633	-54.34	-25	-29.34	-70.97	-64.67	3.79	14.12	H
									H
									H
									H
	5040	-61.88	-25	-36.88	-61.72	-69.22	2.36	9.70	V
	7560	-47.96	-25	-22.96	-62.26	-57.39	2.41	11.84	V
	10080	-50.68	-25	-25.68	-58.46	-60.22	2.70	12.23	V
	17633	-57.06	-25	-32.06	-73.96	-67.39	3.79	14.12	V
									V
									V
									V
Middle	5088	-60.74	-25	-35.74	-60.9	-68.05	2.39	9.70	H
	7632	-51.95	-25	-26.95	-56.5	-61.44	2.39	11.88	H
	10176	-50.97	-25	-25.97	-59.09	-60.55	2.70	12.27	H
	17806	-55.52	-25	-30.52	-72.44	-65.77	3.77	14.02	H
									H
									H
									H
	5088	-58.82	-25	-33.82	-58.94	-66.13	2.39	9.70	V
	7632	-56.53	-25	-31.53	-61.31	-66.02	2.39	11.88	V
	10176	-54.01	-25	-29.01	-62.04	-63.59	2.70	12.27	V
	17806	-57.31	-25	-32.31	-74.28	-67.56	3.77	14.02	V
									V
									V
									V



Highest	5136	-57.24	-25	-32.24	-57.64	-64.52	2.42	9.70	H
	7704	-51.99	-25	-26.99	-56.72	-61.55	2.36	11.92	H
	10272	-54.61	-25	-29.61	-63.05	-64.22	2.69	12.31	H
									H
									H
									H
									H
	5136	-53.51	-25	-28.51	-53.81	-60.79	2.42	9.70	V
	7704	-56.96	-25	-31.96	-61.98	-66.52	2.36	11.92	V
	10272	-55.08	-25	-30.08	-63.28	-64.69	2.69	12.31	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13

LTE Band 13 / 5MHz / QPSK										
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	1560	-63.98	-42.15	-21.83	-50.85	-66.02	0.94	5.13	H	
	2336	-65.53	-13	-52.53	-57.95	-67.05	1.24	4.91	H	
	3112	-65.55	-13	-52.55	-60.04	-68.21	1.48	6.29	H	
										H
										H
										H
										H
	1560	-59.04	-42.15	-16.89	-46.45	-61.08	0.94	5.13	V	
	2336	-61.92	-13	-48.92	-54.91	-63.44	1.24	4.91	V	
	3112	-64.53	-13	-51.53	-59.80	-67.19	1.48	6.29	V	
										V
										V
										V
										V
Middle	1568	-69.06	-42.15	-26.91	-55.96	-71.08	0.94	5.11	H	
	2344	-66.23	-13	-53.23	-58.61	-67.77	1.24	4.93	H	
	3128	-65.86	-13	-52.86	-60.35	-68.59	1.49	6.36	H	
										H
										H
										H
										H
	1568	-66.03	-42.15	-23.88	-53.44	-68.05	0.94	5.11	V	
	2344	-62.57	-13	-49.57	-55.50	-64.11	1.24	4.93	V	
	3128	-64.46	-13	-51.46	-59.71	-67.19	1.49	6.36	V	
										V
										V
										V
										V



Highest	1568	-65.31	-42.15	-23.16	-52.23	-67.33	0.94	5.11	H
	2352	-65.73	-13	-52.73	-58.33	-67.29	1.24	4.96	H
	3136	-65.45	-13	-52.45	-60.03	-68.21	1.49	6.40	H
									H
									H
									H
									H
	1568	-59.99	-42.15	-17.84	-47.38	-62.01	0.94	5.11	V
	2352	-62.45	-13	-49.45	-55.24	-64.01	1.24	4.96	V
	3136	-64.93	-13	-51.93	-60.15	-67.69	1.49	6.40	V
									V
									V
									V
									V

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LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-65.59	-13	-52.59	-52.31	-67.66	0.94	5.15	H
	2336	-65.59	-13	-52.59	-58.16	-67.11	1.24	4.91	H
	3104	-65.48	-13	-52.48	-59.87	-68.11	1.48	6.26	H
									H
									H
									H
									H
	1552	-67.01	-13	-54.01	-54.43	-69.08	0.94	5.15	V
	2336	-66.36	-13	-53.36	-59.09	-67.88	1.24	4.91	V
	3104	-64.59	-13	-51.59	-59.74	-67.22	1.48	6.26	V
									V
									V
									V
									V

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