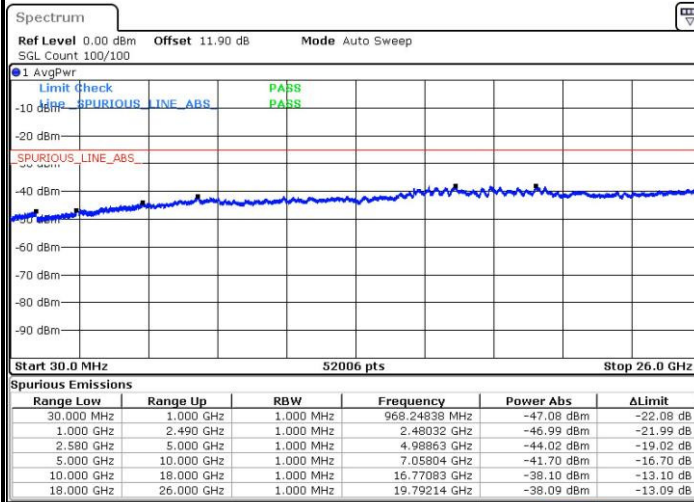




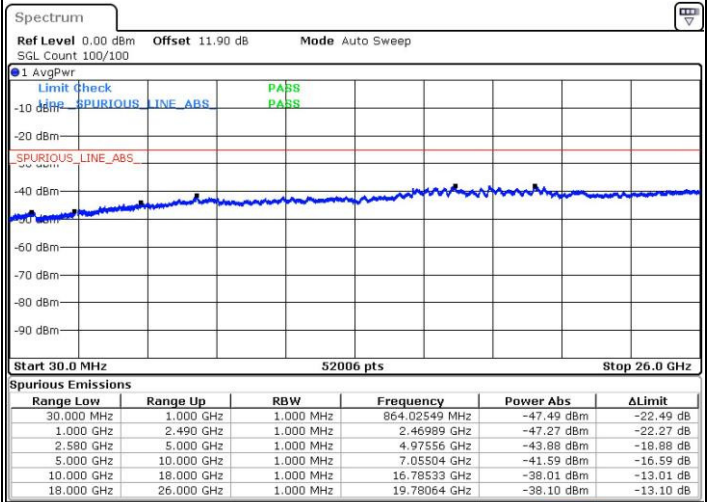
LTE Band 7 / 20MHz

Middle Channel / QPSK



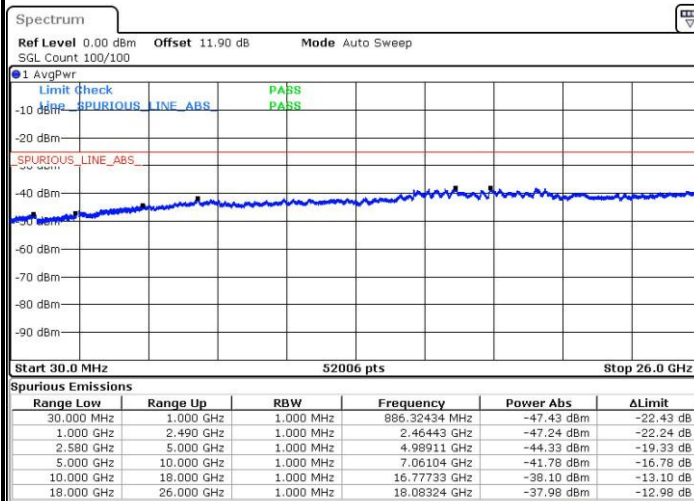
Date: 23 APR 2016 09:34:57

Middle Channel / 16QAM



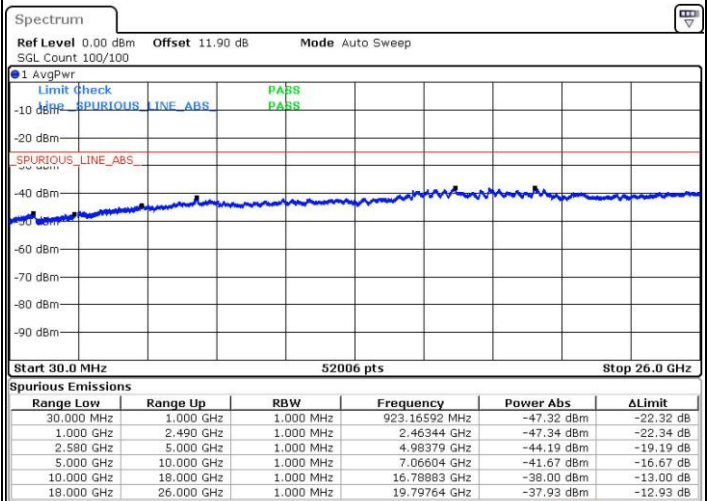
Date: 23 APR 2016 09:35:51

Highest Channel / QPSK



Date: 23 APR 2016 09:42:06

Highest Channel / 16QAM



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

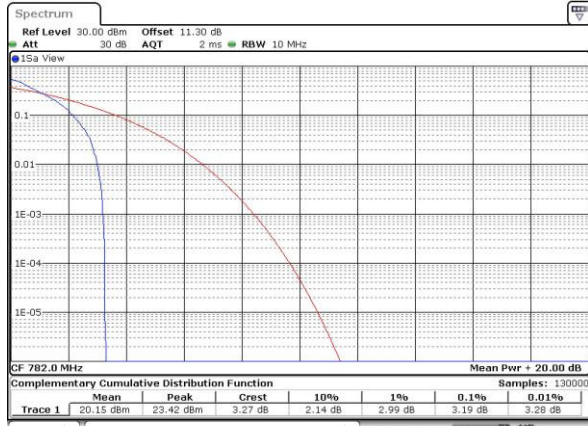
Peak-to-Average Ratio

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	-	-	-	-	

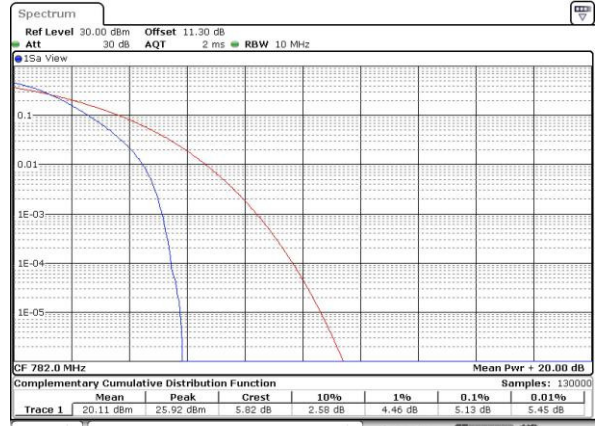


LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB

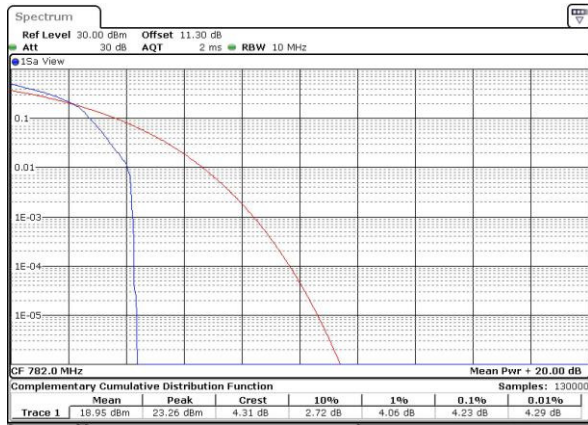


Middle Channel / Full RB

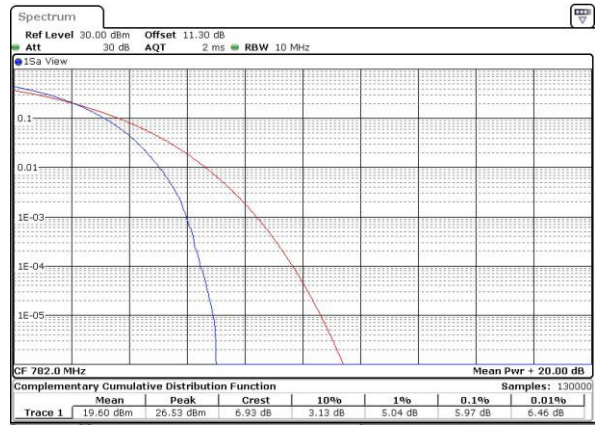


LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Middle Channel / Full RB



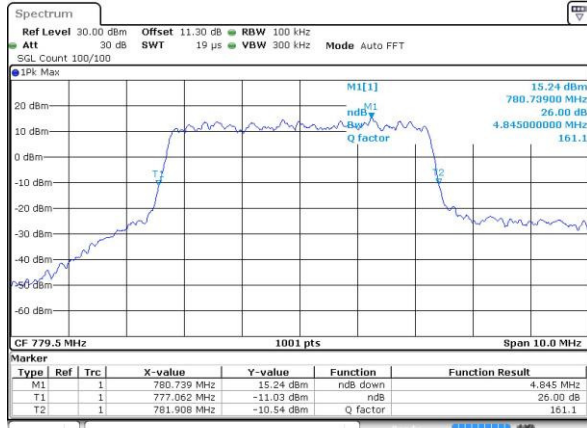
**26dB Bandwidth**

Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-	-	-

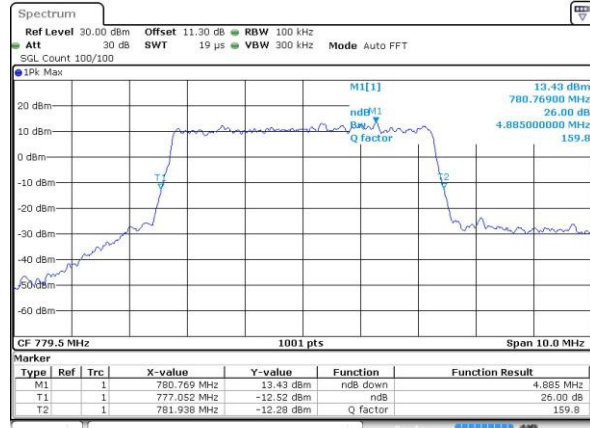


LTE Band 13

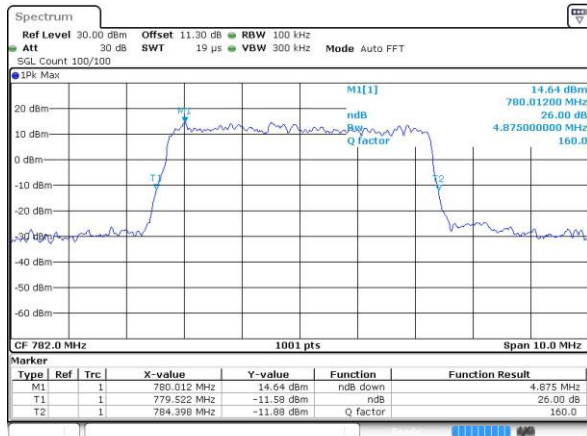
Lowest Channel / 5MHz / QPSK



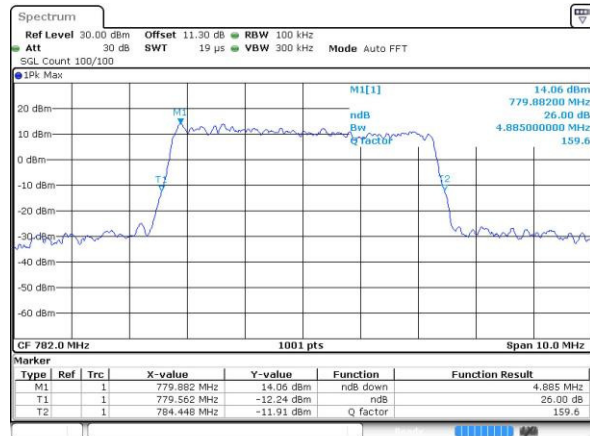
Lowest Channel / 5MHz / 16QAM



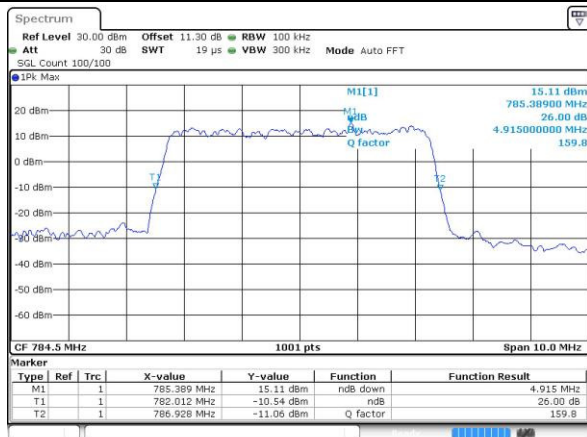
Middle Channel / 5MHz / QPSK



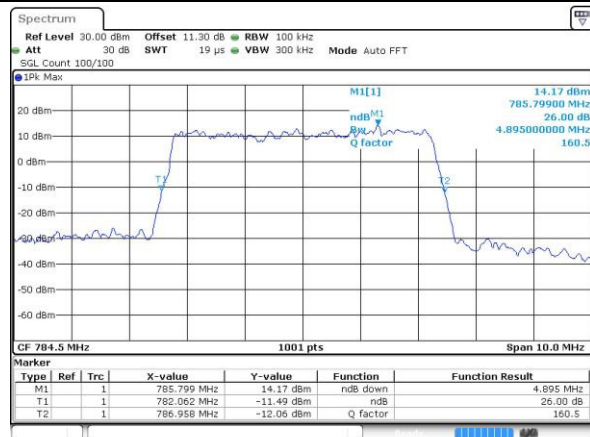
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



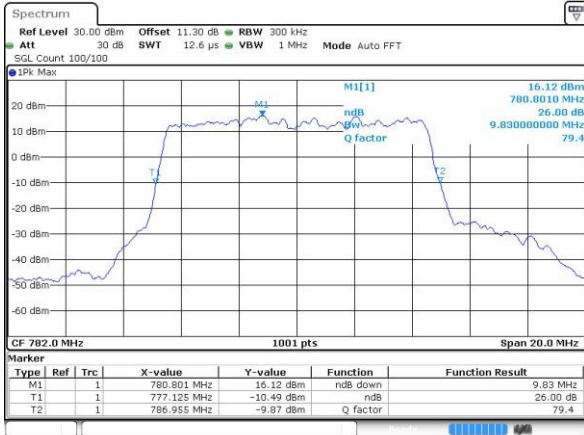
Highest Channel / 5MHz / 16QAM





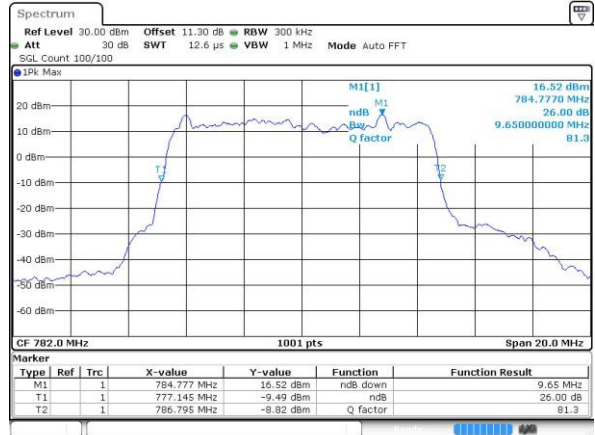
LTE Band 13

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)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-	-	-

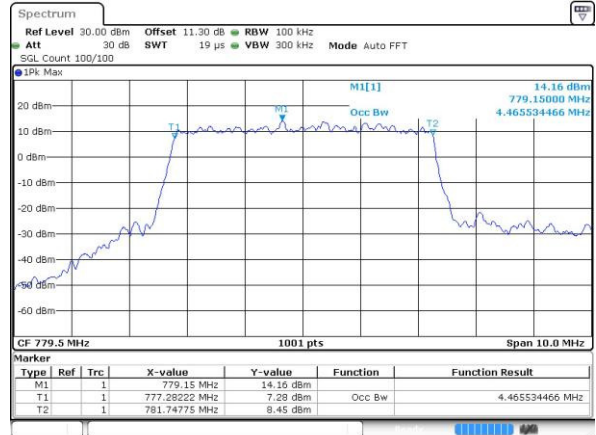


LTE Band 13

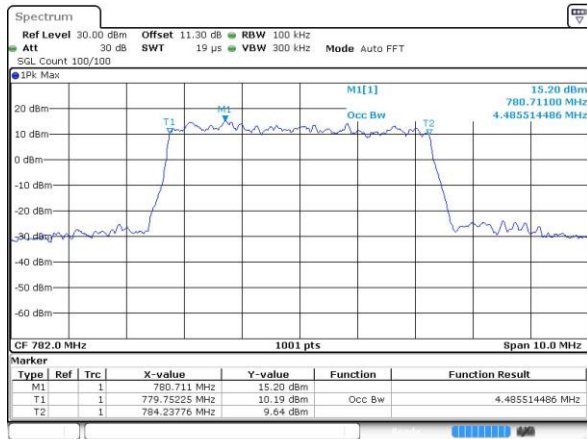
Lowest Channel / 5MHz / QPSK



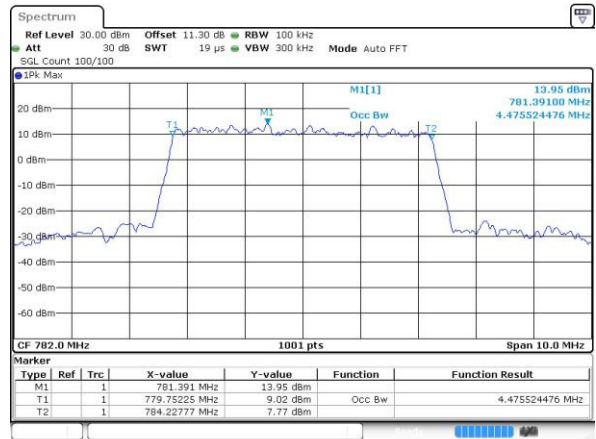
Lowest Channel / 5MHz / 16QAM



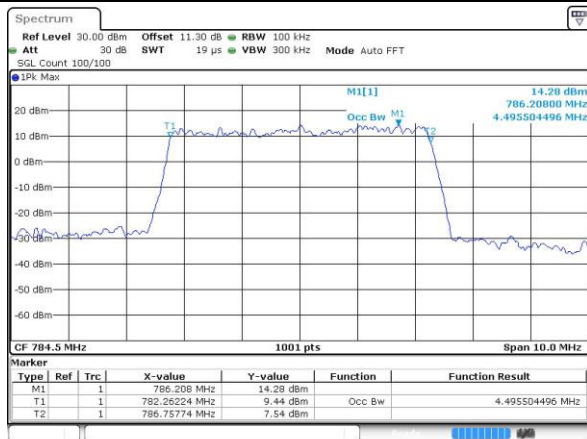
Middle Channel / 5MHz / QPSK



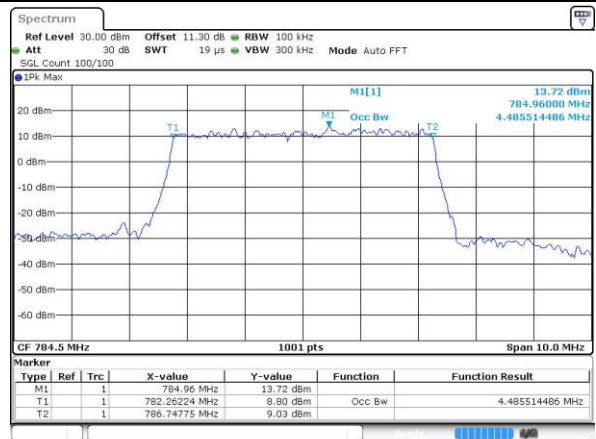
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



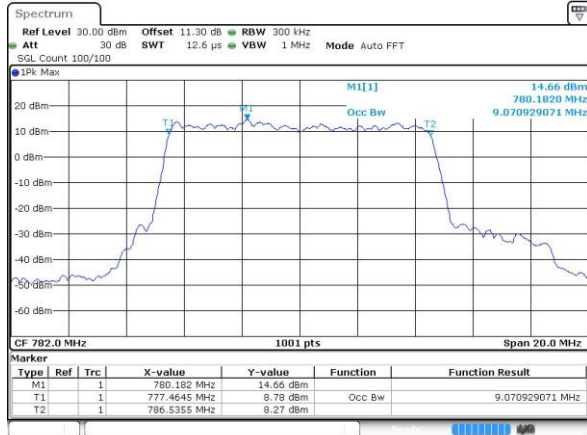
Highest Channel / 5MHz / 16QAM





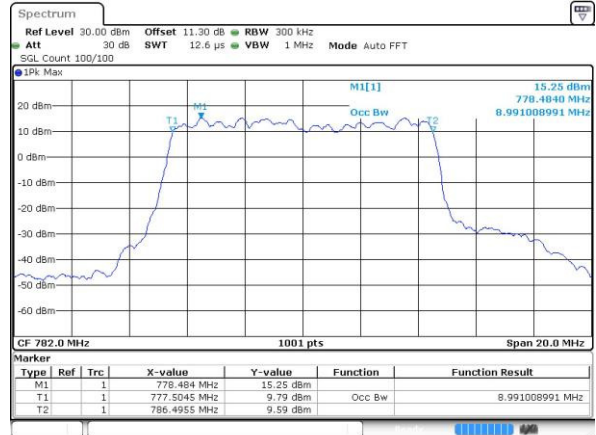
LTE Band 13

Middle Channel / 10MHz / QPSK

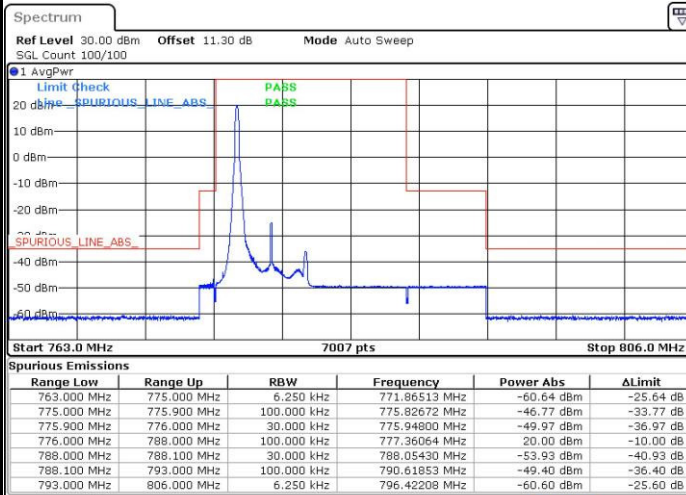
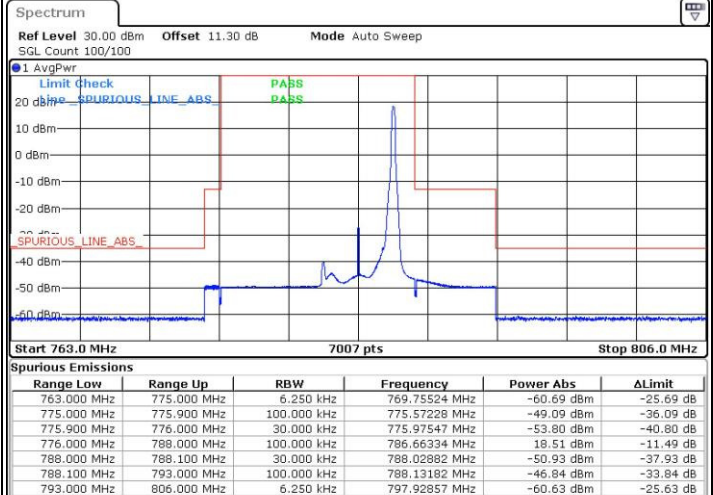
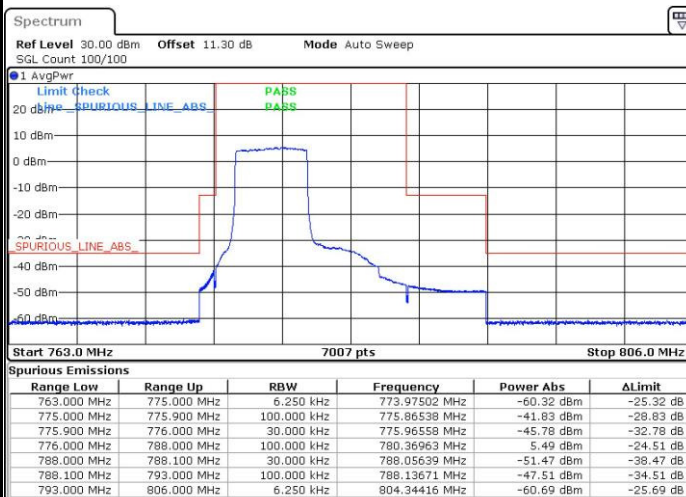
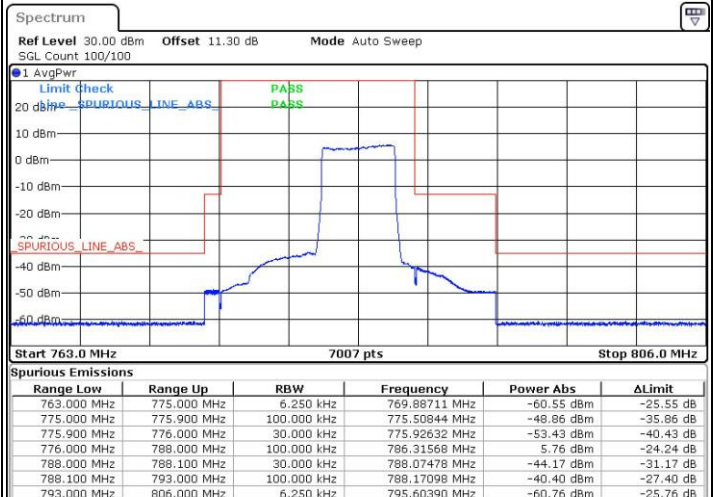


Date: 24 APR 2016 08:50:08

Middle Channel / 10MHz / 16QAM



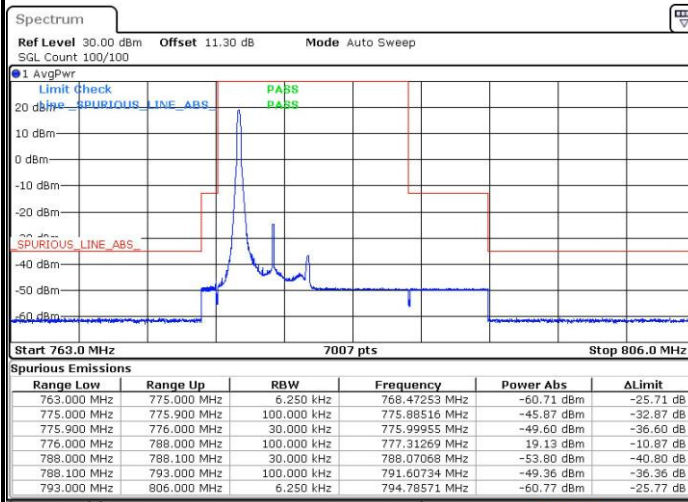
Date: 24 APR 2016 08:50:19

**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**

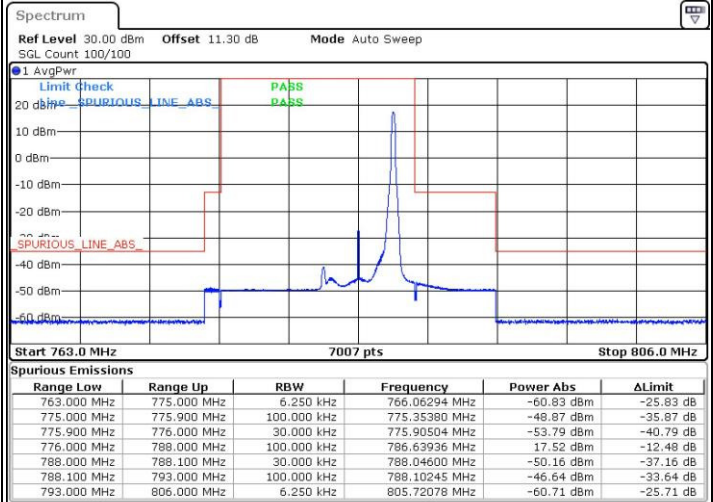


LTE Band 13 / 5MHz / 16QAM

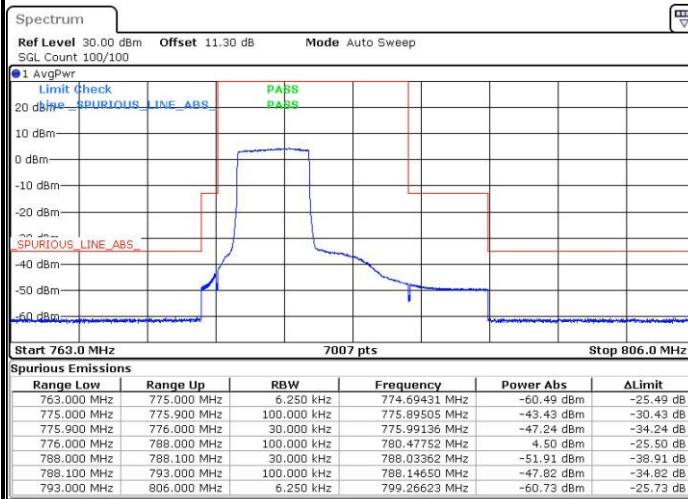
Lowest Band Edge / 1 RB



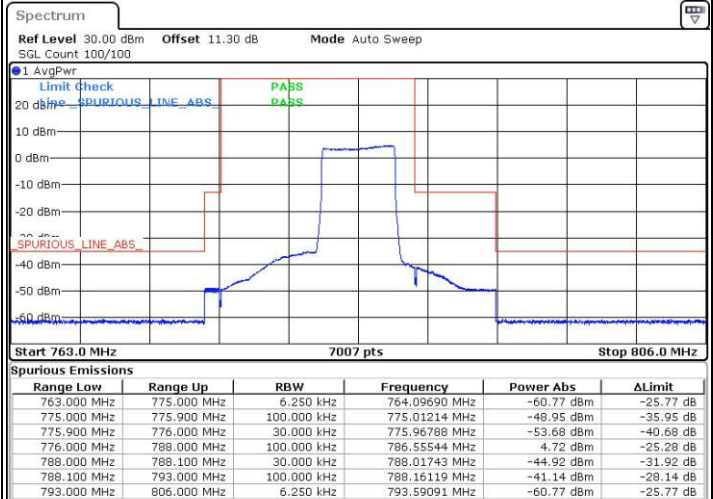
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



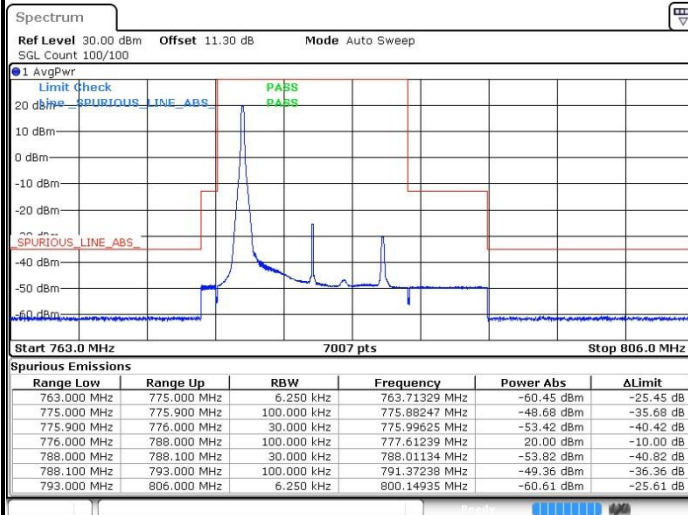
Highest Band Edge / Full RB



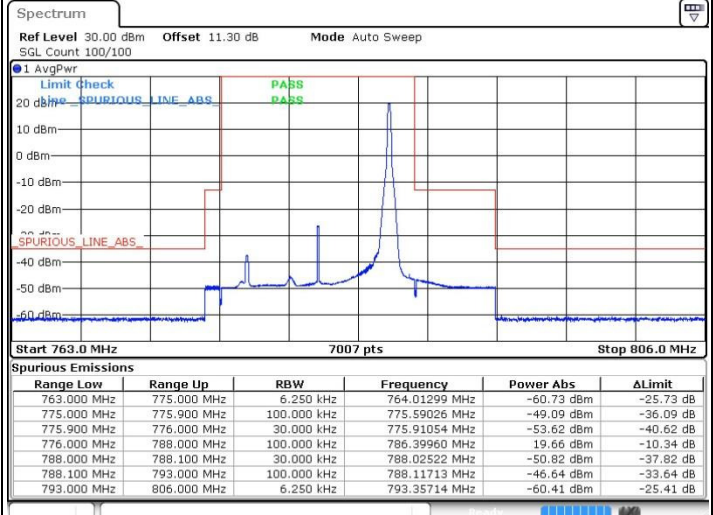


LTE Band 13 / 10MHz / QPSK

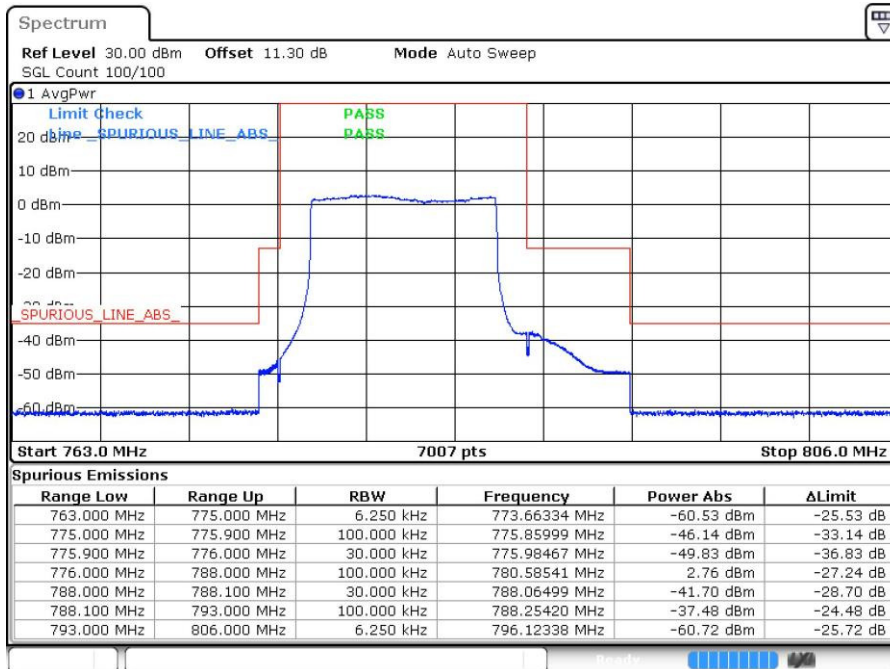
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



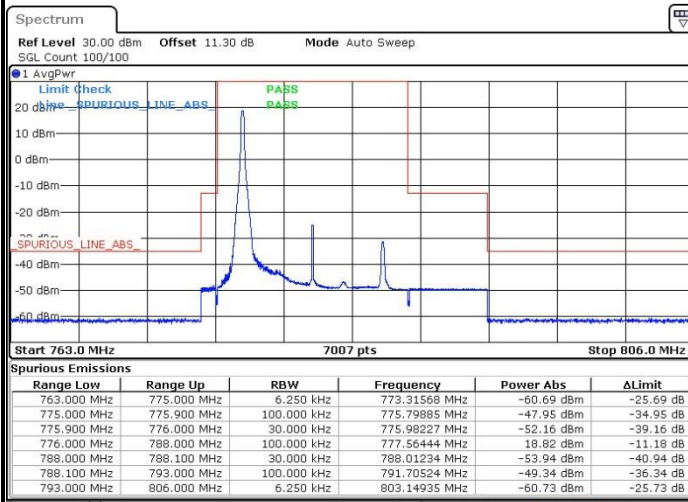
Band Edge / Full RB





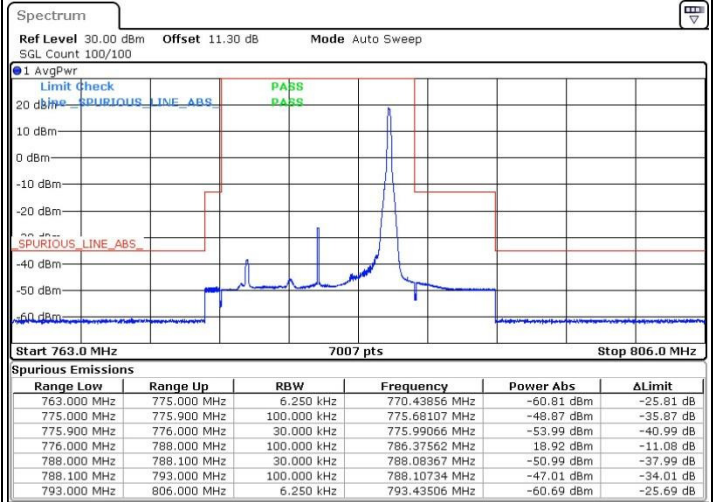
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



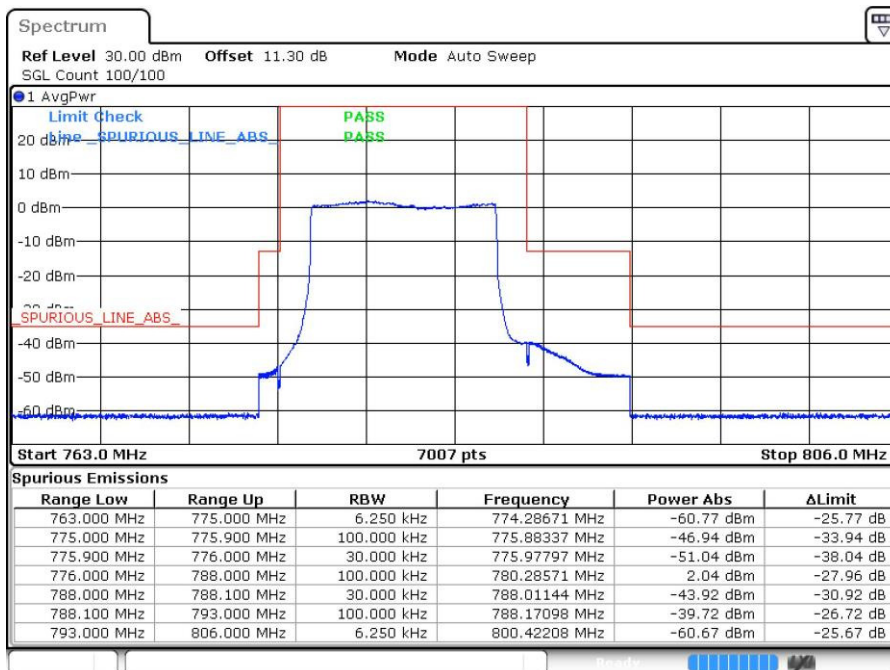
Date: 24 APR 2016 08:54:07

Highest Band Edge / 1 RB



Date: 24 APR 2016 08:57:36

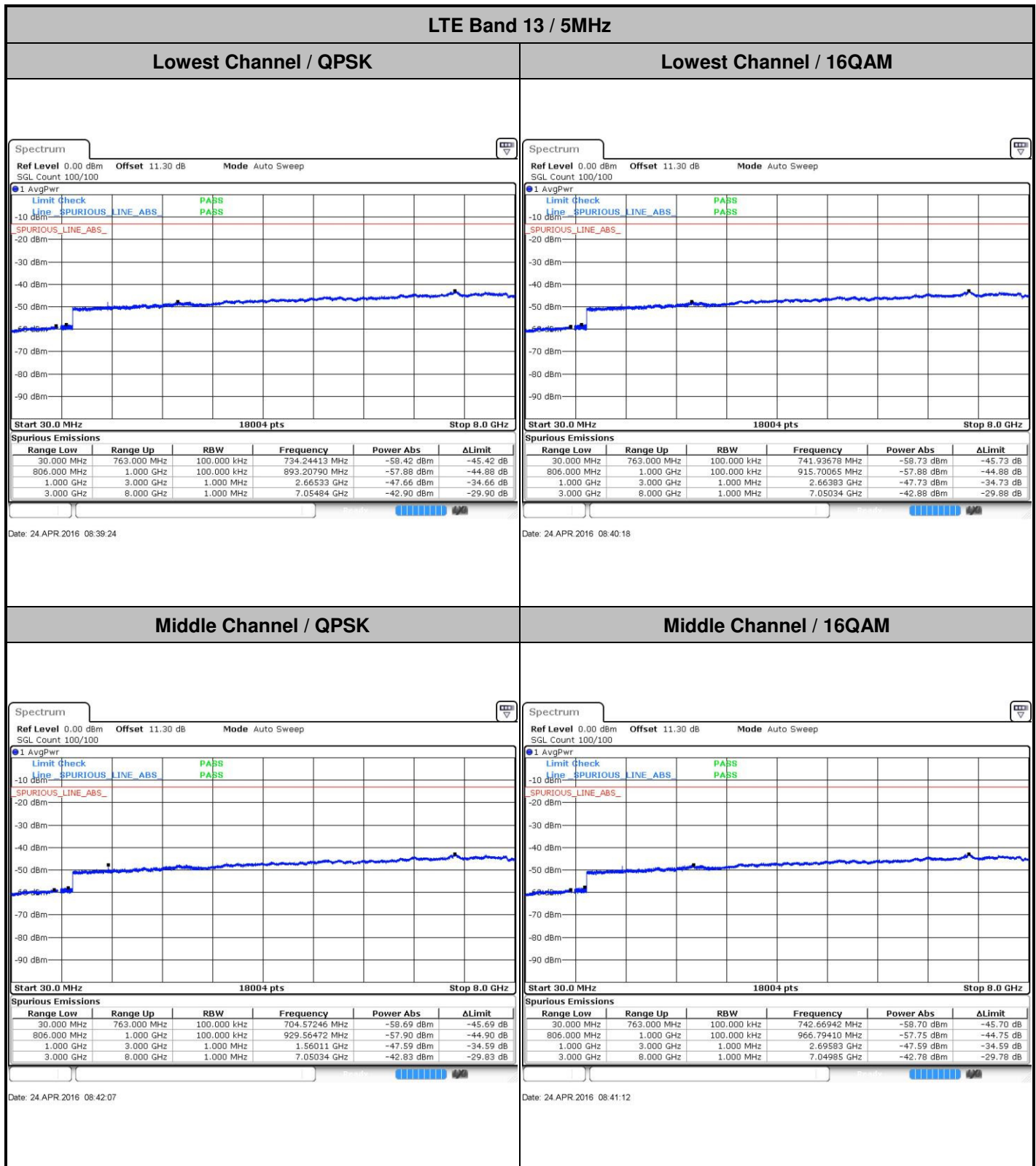
Band Edge / Full RB



Date: 24 APR 2016 08:52:58



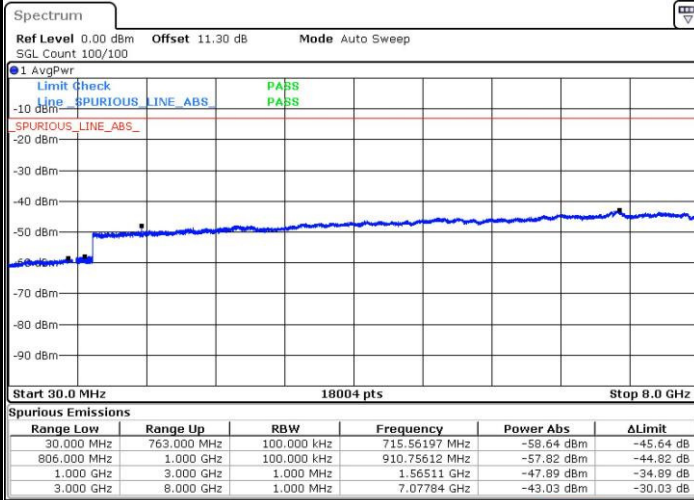
Conducted Spurious Emission





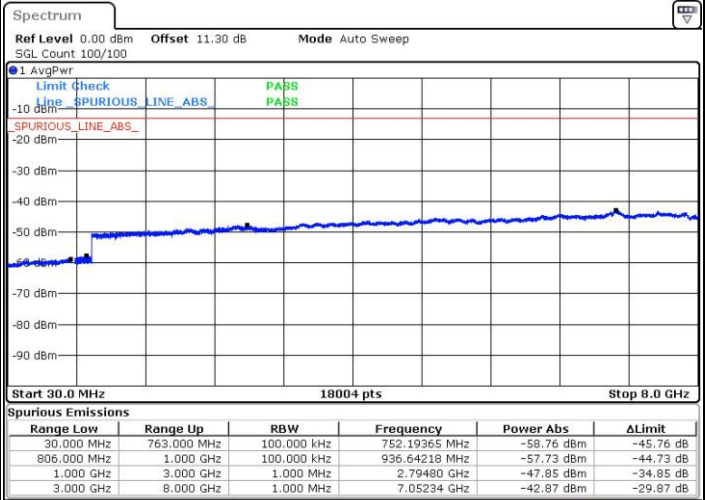
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 24 APR 2016 08:49:04

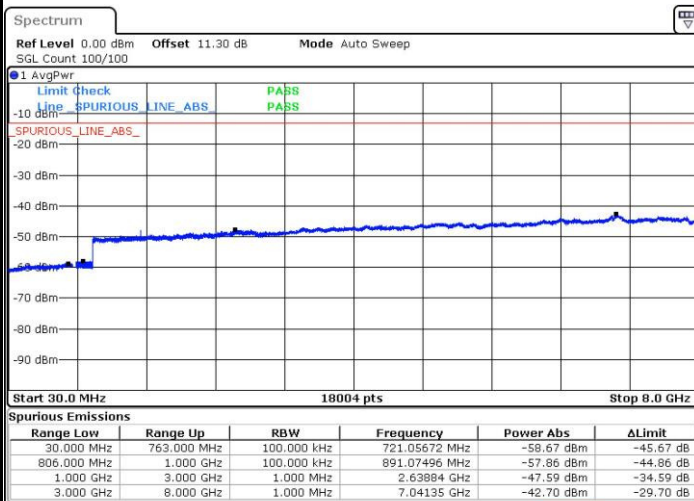
Highest Channel / 16QAM



Date: 24 APR 2016 08:49:58

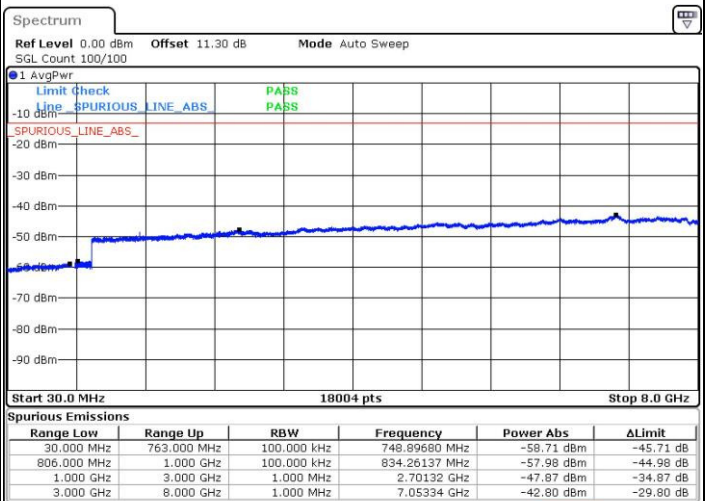
LTE Band 13 / 10MHz

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
									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
									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

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



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

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