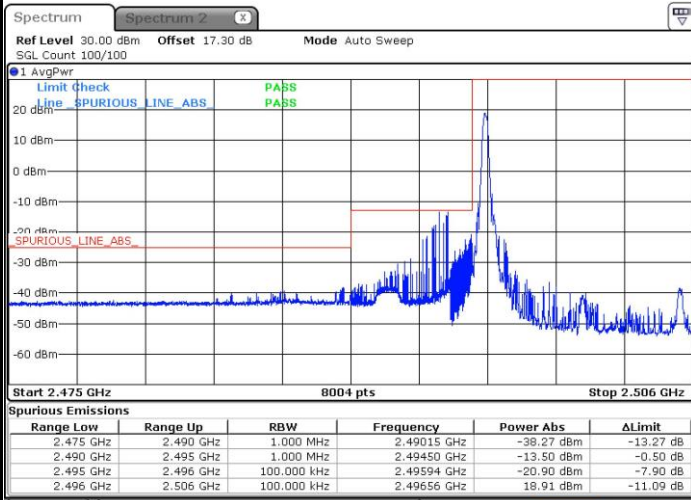




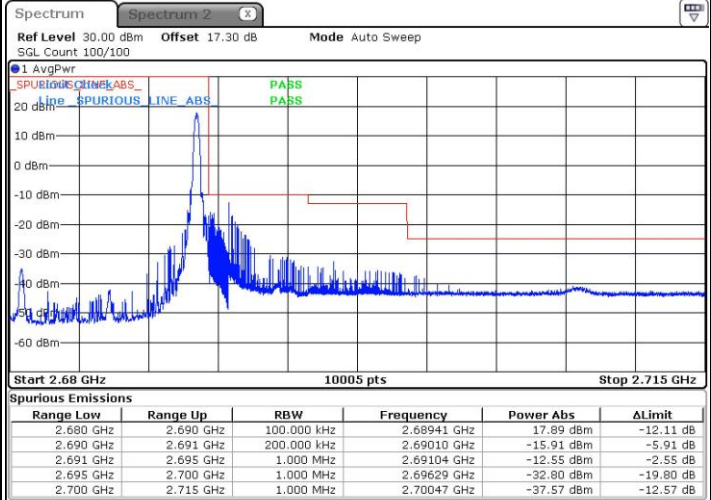
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



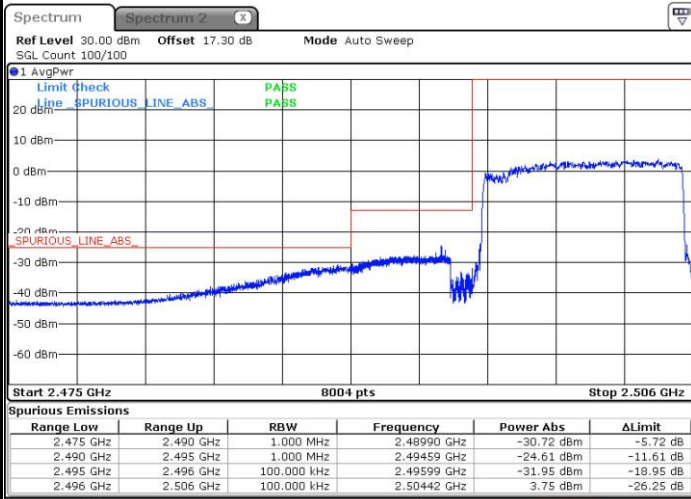
Date: 26 APR 2018 16:40:45

Highest Band Edge / 1 RB



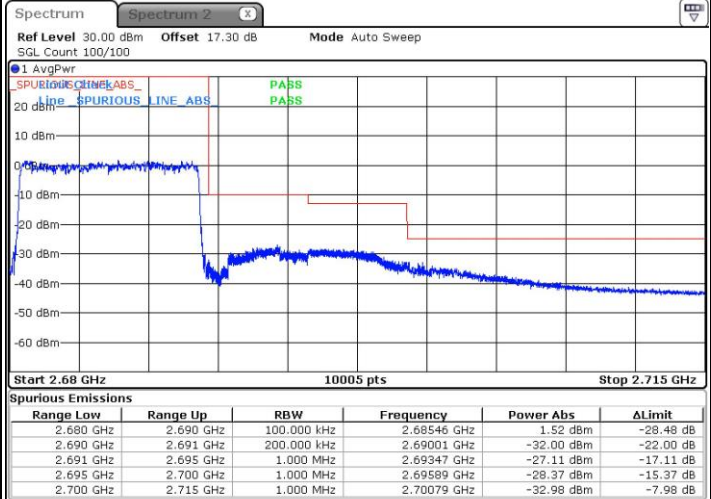
Date: 26 APR 2018 16:45:24

Lowest Band Edge / Full RB



Date: 26 APR 2018 16:43:05

Highest Band Edge / Full RB

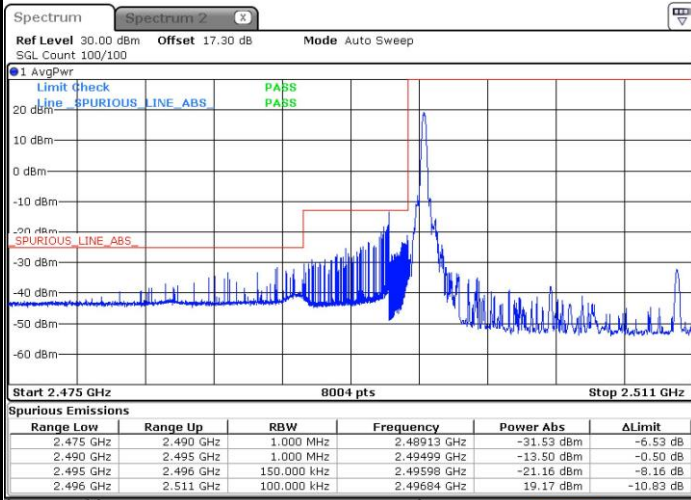


Date: 26 APR 2018 18:04:21



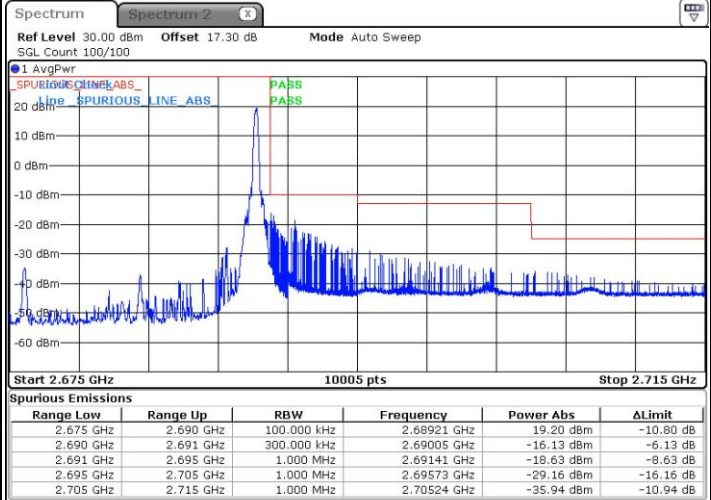
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



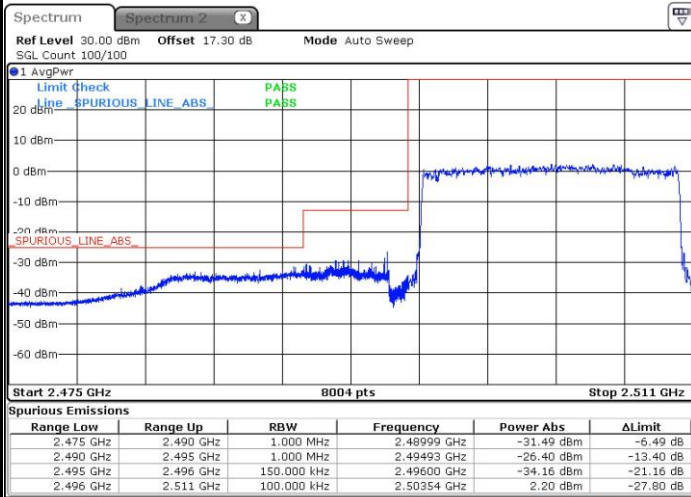
Date: 26 APR 2018 16:48:53

Highest Band Edge / 1 RB



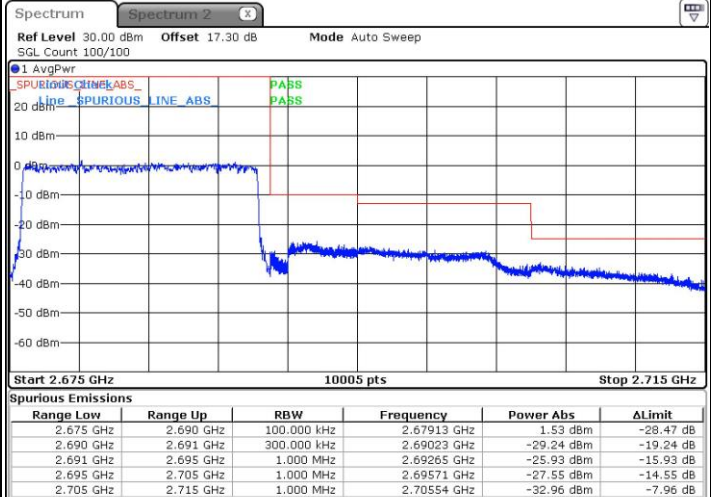
Date: 26 APR 2018 16:53:32

Lowest Band Edge / Full RB



Date: 26 APR 2018 16:51:13

Highest Band Edge / Full RB

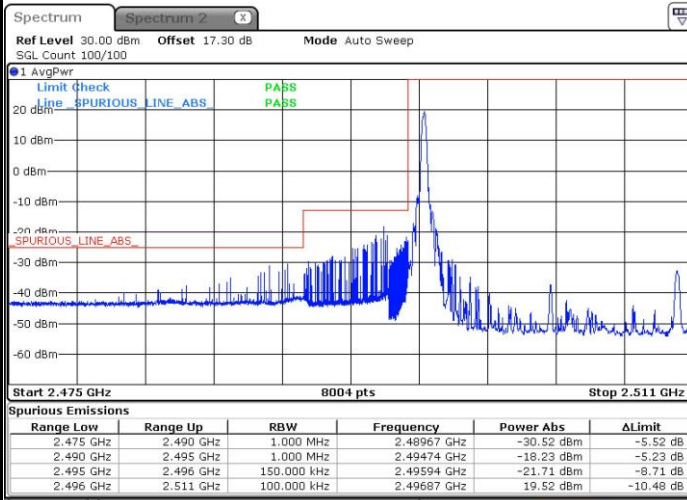


Date: 26 APR 2018 16:55:51



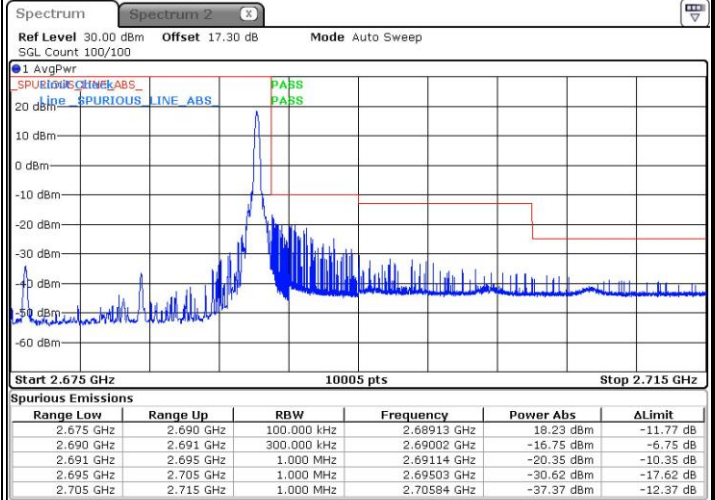
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



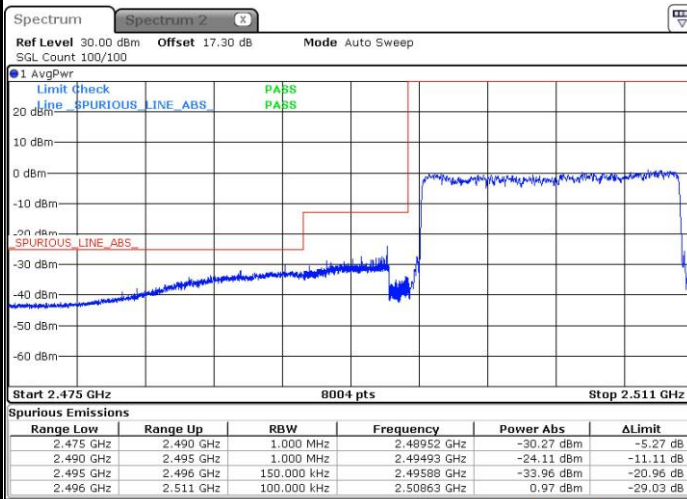
Date: 26 APR 2018 16:50:03

Highest Band Edge / 1 RB



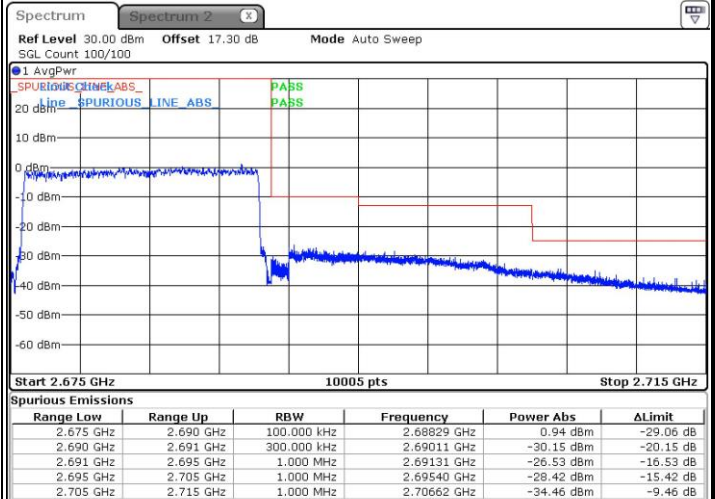
Date: 26 APR 2018 16:54:42

Lowest Band Edge / Full RB



Date: 26 APR 2018 16:52:23

Highest Band Edge / Full RB

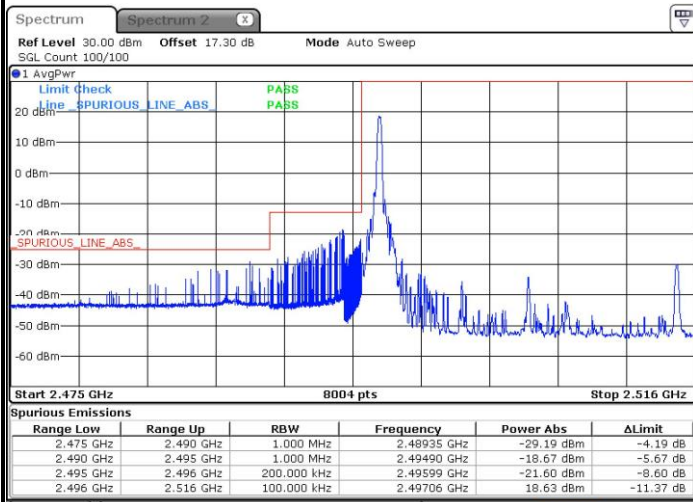


Date: 26 APR 2018 16:57:01



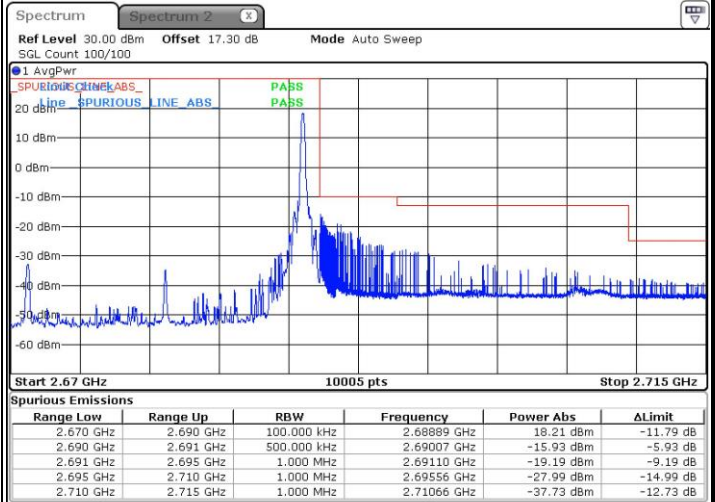
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



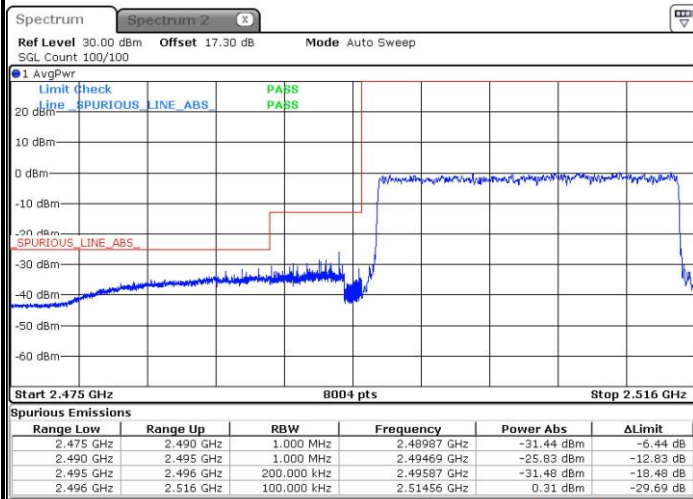
Date: 26 APR 2018 18:58:11

Highest Band Edge / 1 RB



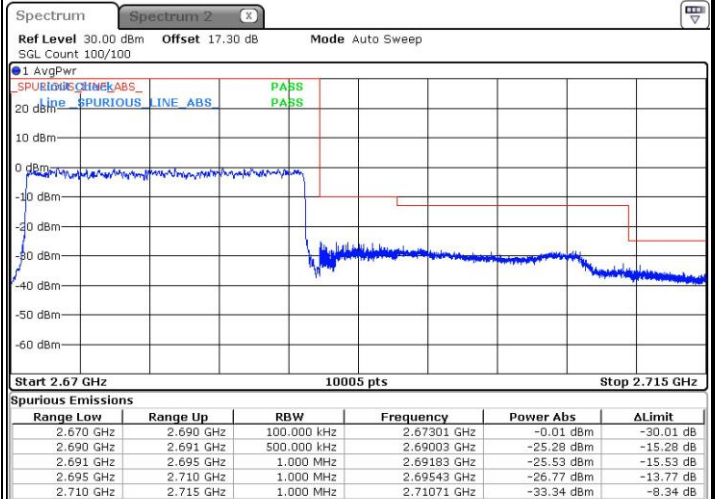
Date: 26 APR 2018 17:02:50

Lowest Band Edge / Full RB



Date: 26 APR 2018 17:00:30

Highest Band Edge / Full RB

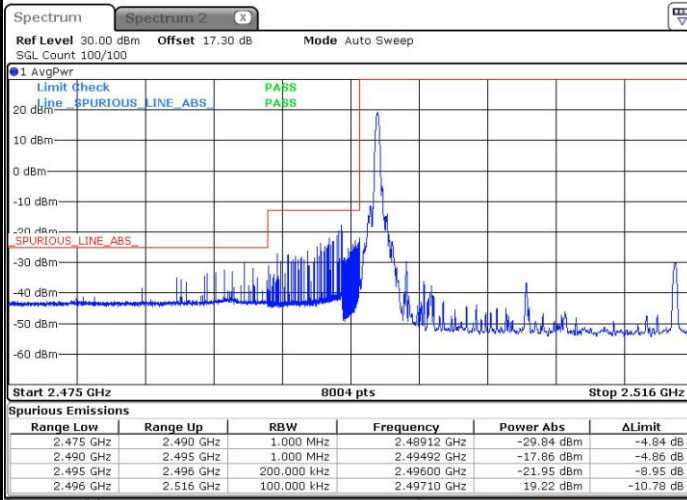


Date: 26 APR 2018 17:06:18



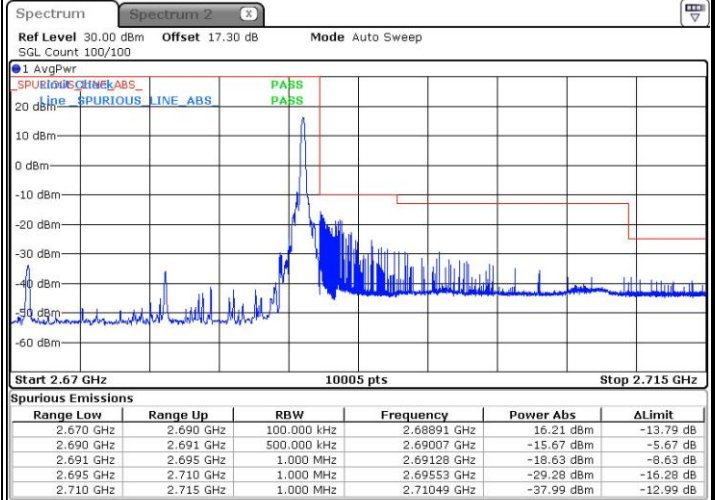
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



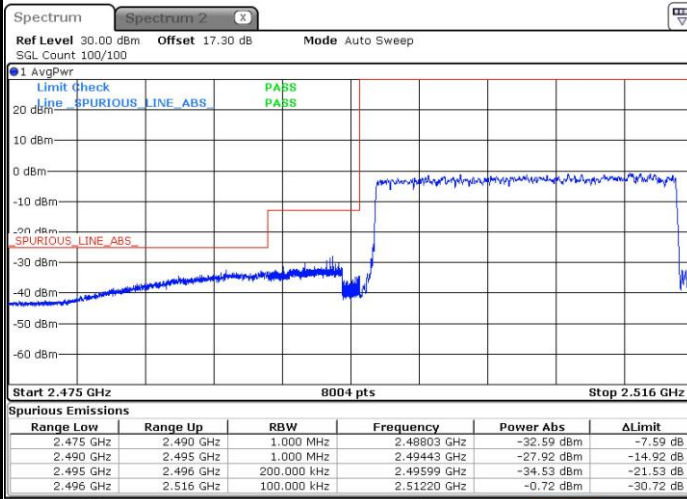
Date: 26 APR 2018 16:59:20

Highest Band Edge / 1 RB



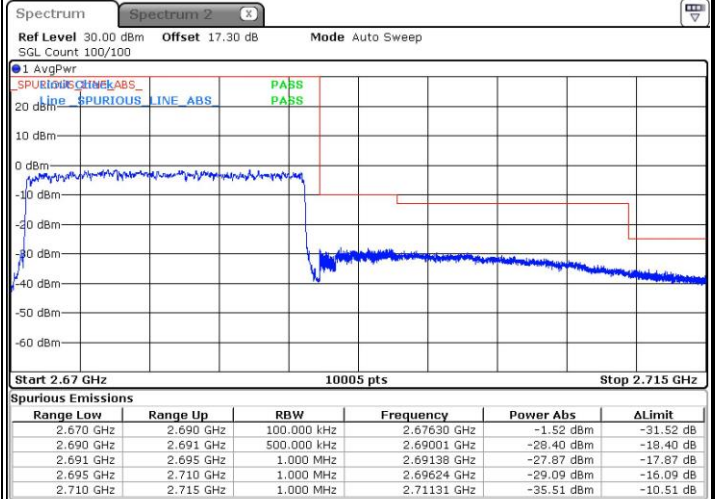
Date: 26 APR 2018 17:03:59

Lowest Band Edge / Full RB



Date: 26 APR 2018 17:01:40

Highest Band Edge / Full RB



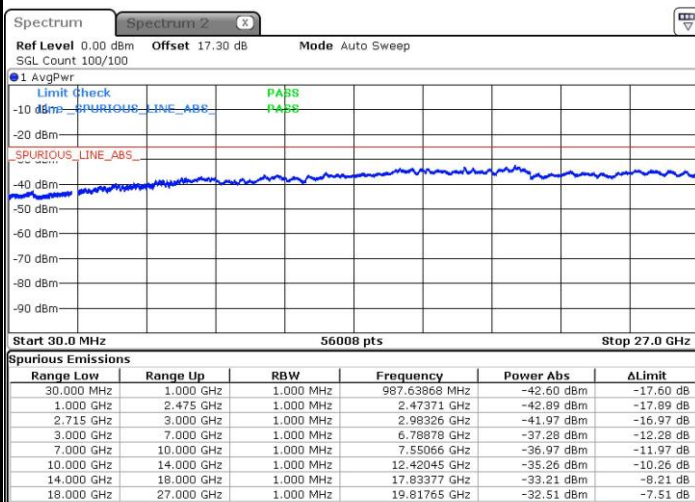
Date: 26 APR 2018 17:05:09



# Conducted Spurious Emission

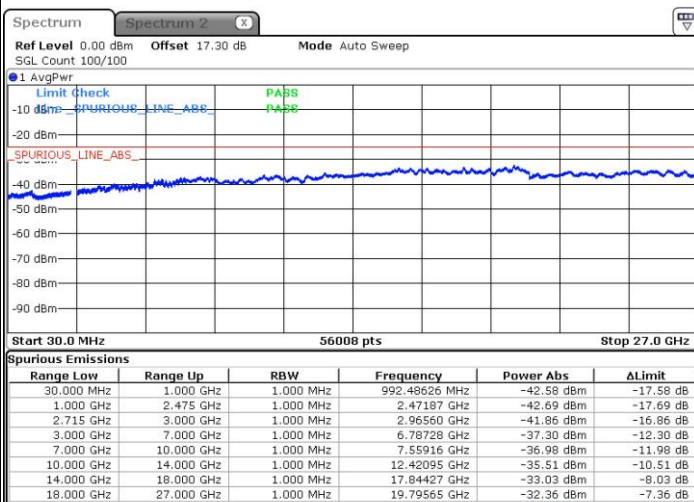
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



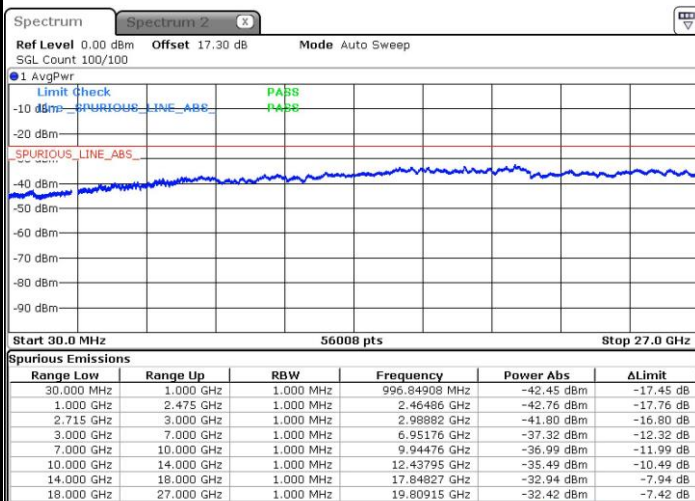
Date: 26 APR 2018 17:54:05

### Lowest Channel / 16QAM



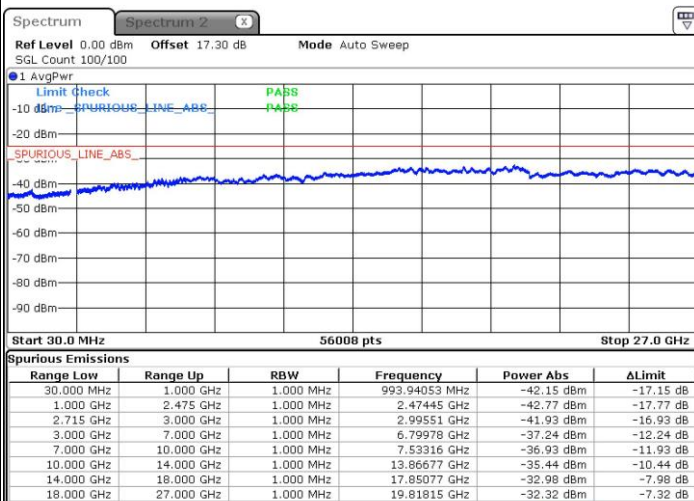
Date: 26 APR 2018 17:25:13

### Middle Channel / QPSK



Date: 26 APR 2018 17:26:08

### Middle Channel / 16QAM

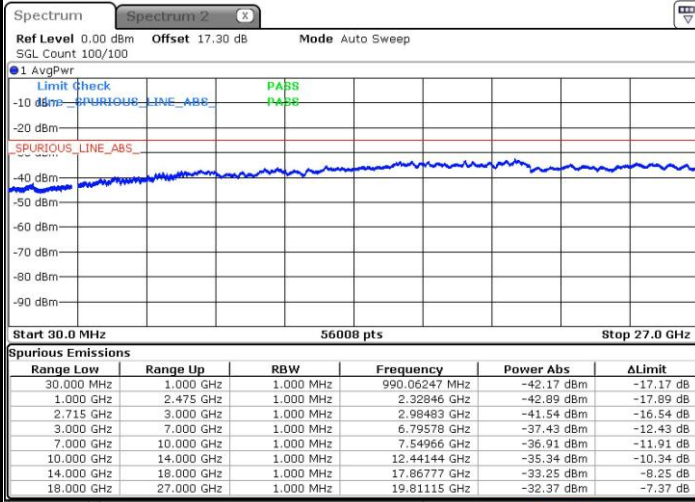


Date: 26 APR 2018 17:27:02



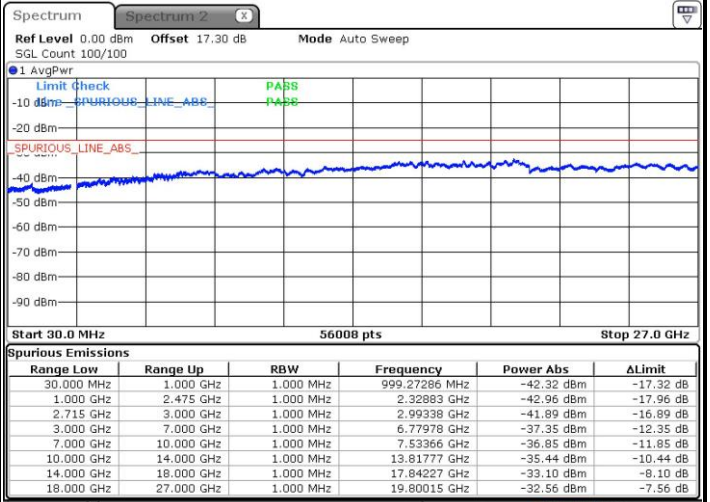
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 26 APR 2018 17:27:57

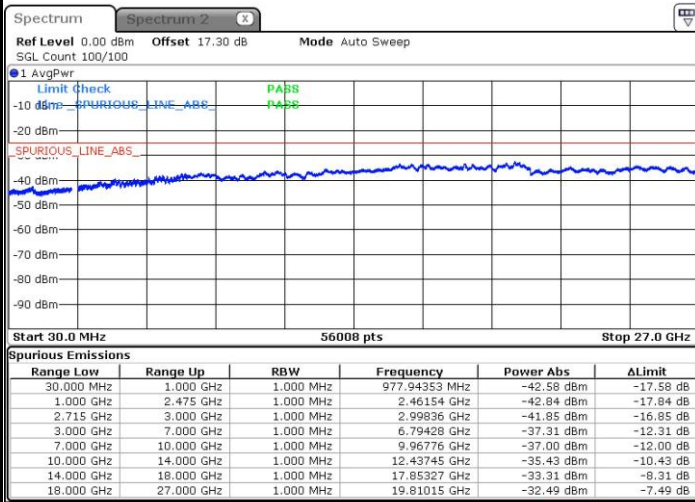
Highest Channel / 16QAM



Date: 26 APR 2018 17:28:52

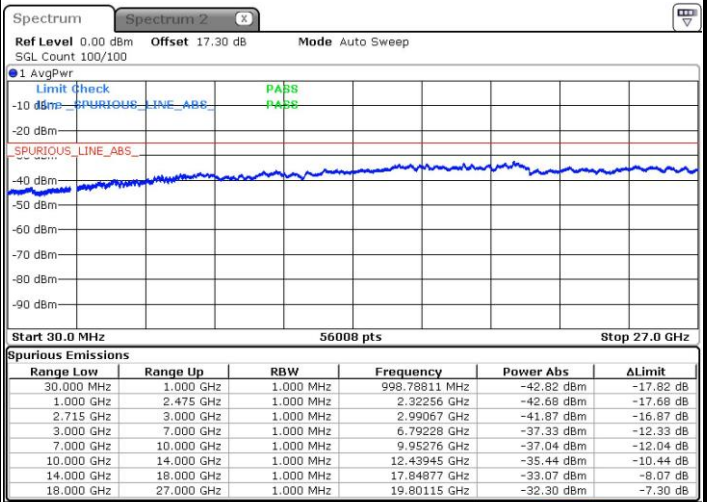
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 26 APR 2018 17:29:47

Lowest Channel / 16QAM



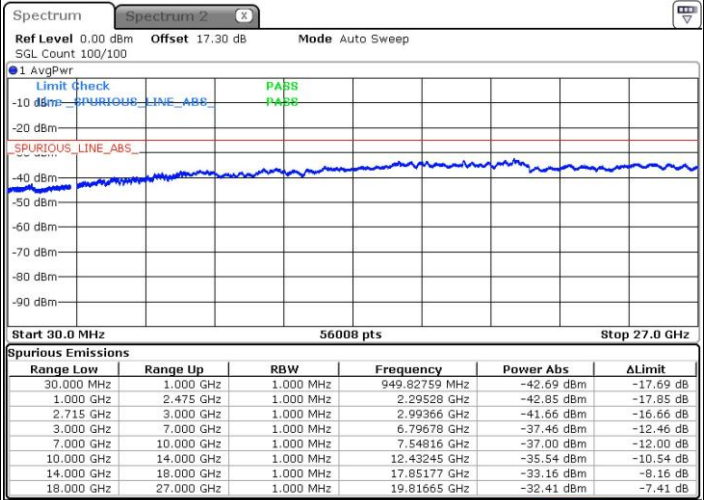
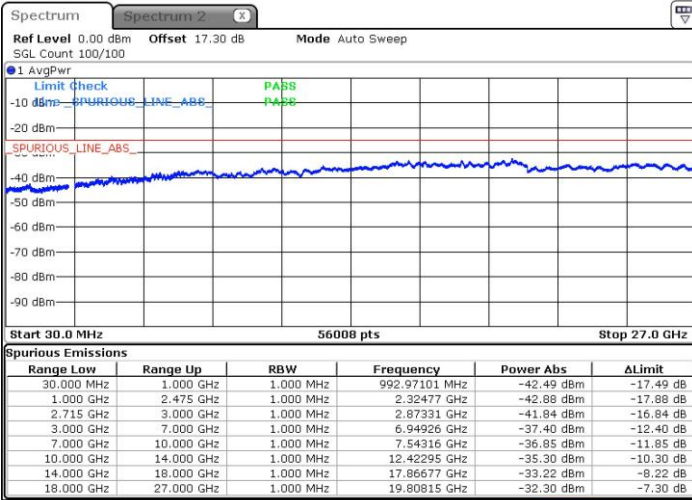
Date: 26 APR 2018 17:30:42



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

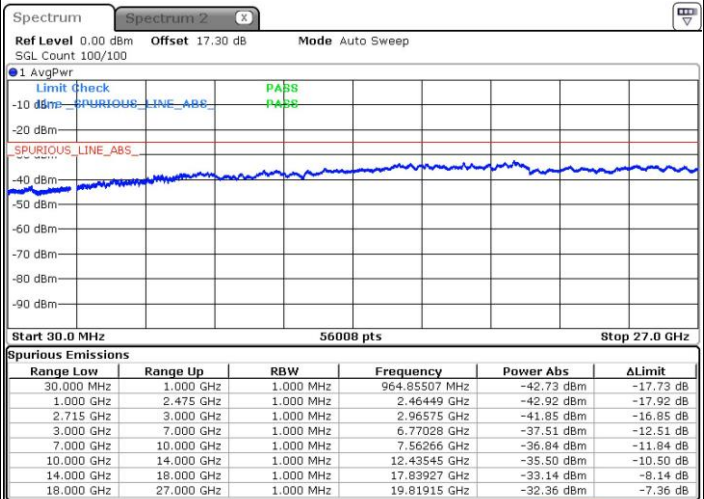
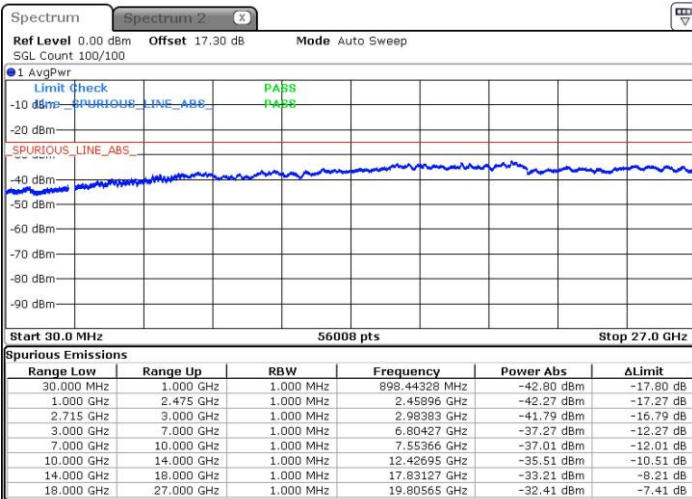


Date: 26 APR 2018 17:31:37

Date: 26 APR 2018 17:32:31

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26 APR 2018 17:33:26

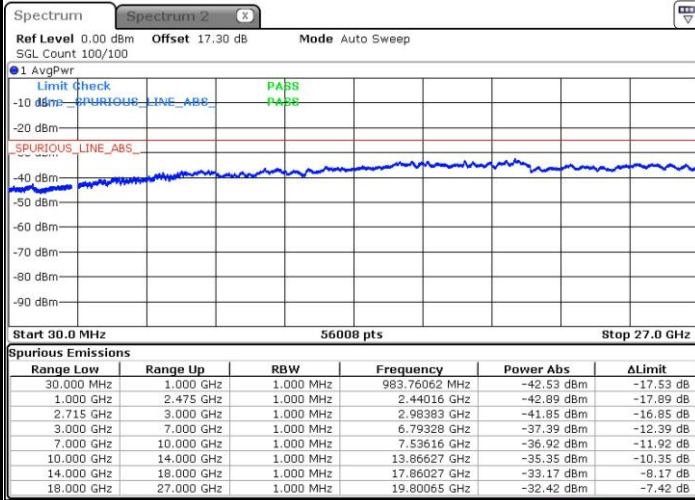
Date: 26 APR 2018 17:34:21





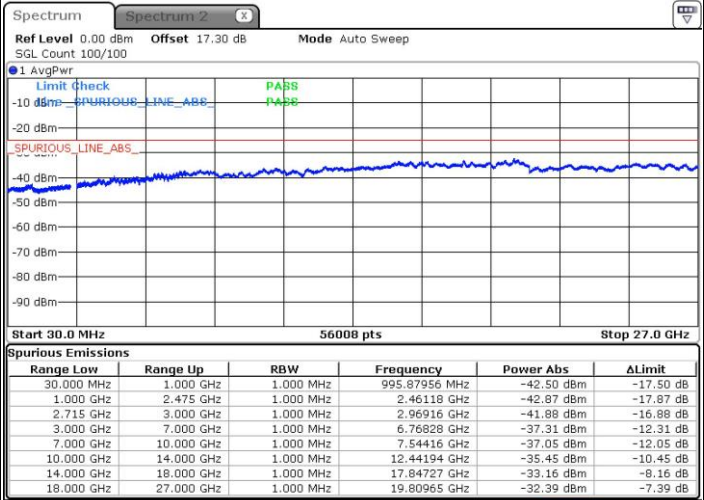
LTE Band 41 / 15MHz

Lowest Channel / QPSK



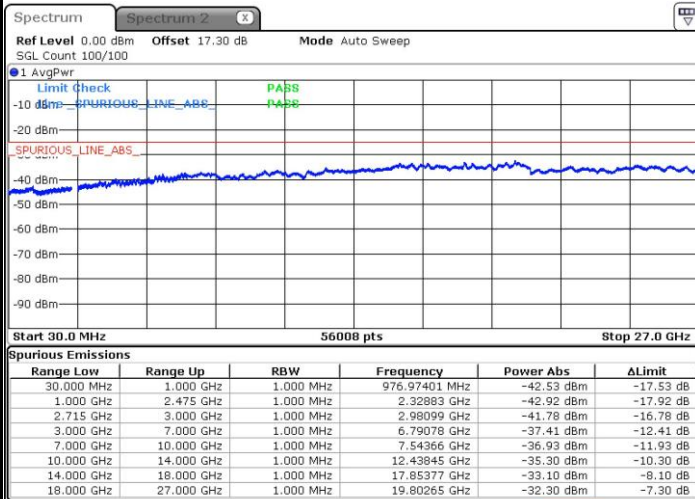
Date: 26 APR 2018 17:35:16

Lowest Channel / 16QAM



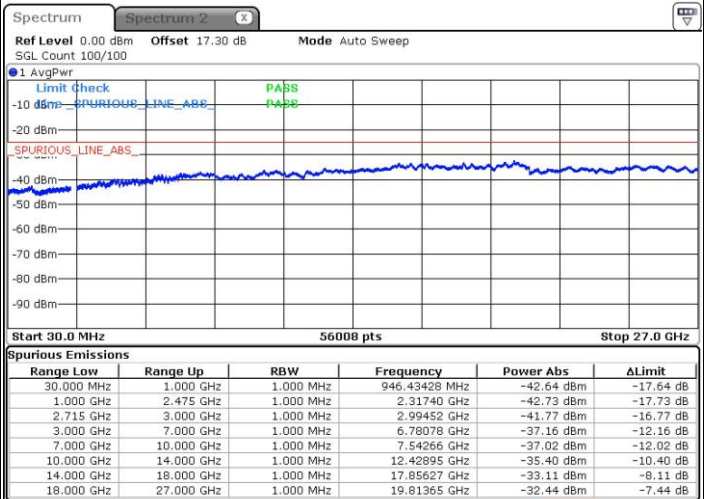
Date: 26 APR 2018 17:36:11

Middle Channel / QPSK



Date: 26 APR 2018 17:37:05

Middle Channel / 16QAM

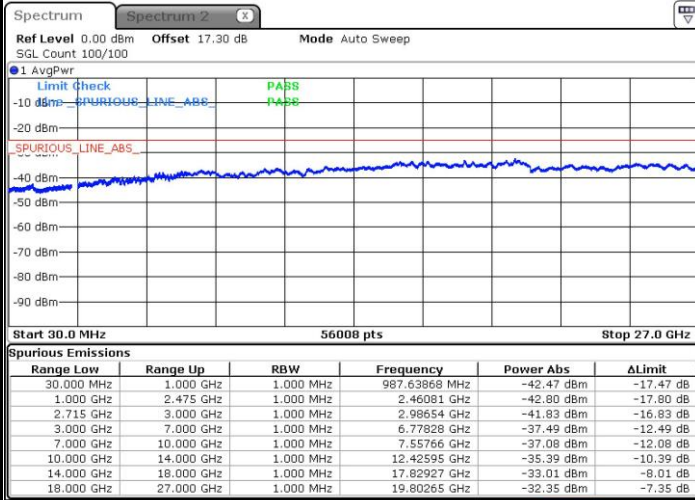


Date: 26 APR 2018 17:38:00



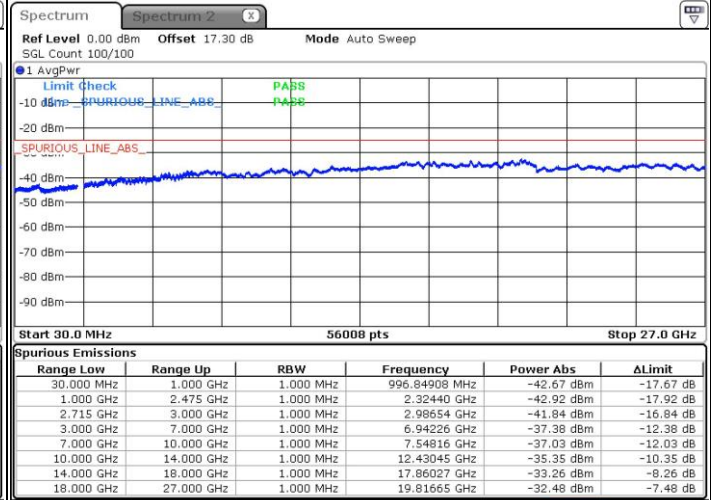
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 26 APR 2018 17:38:55

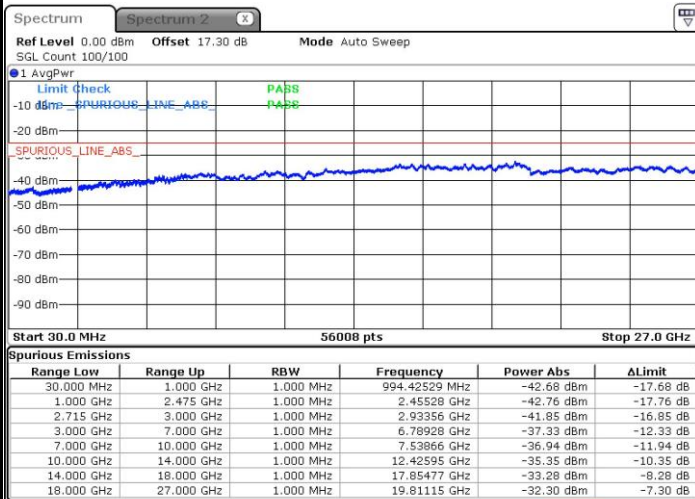
Highest Channel / 16QAM



Date: 26 APR 2018 17:39:50

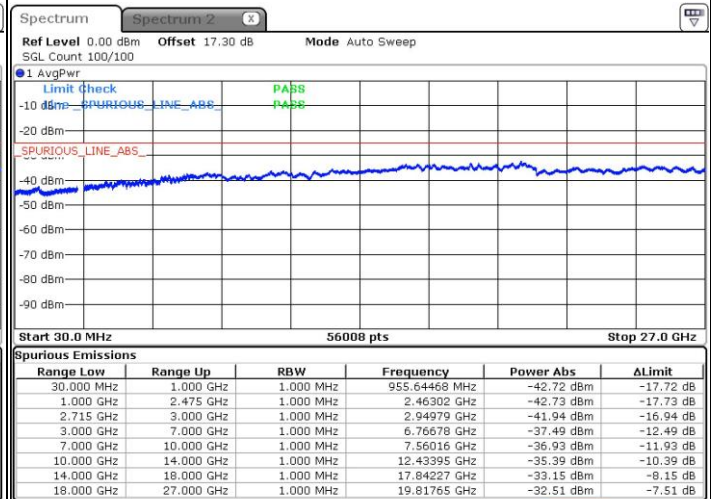
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 26 APR 2018 17:40:45

Lowest Channel / 16QAM



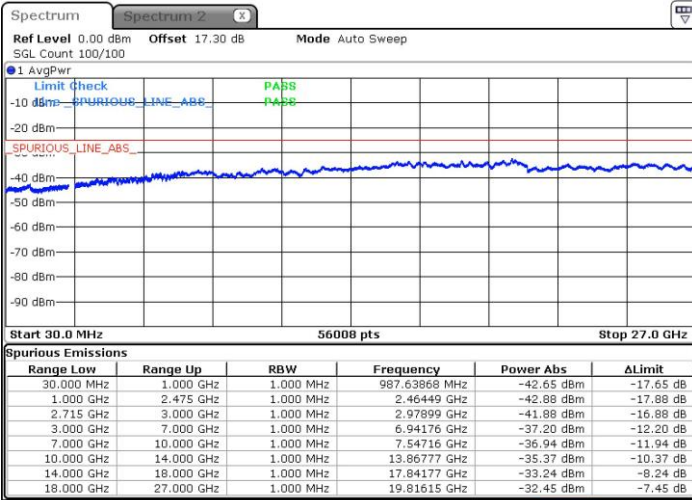
Date: 26 APR 2018 17:41:39



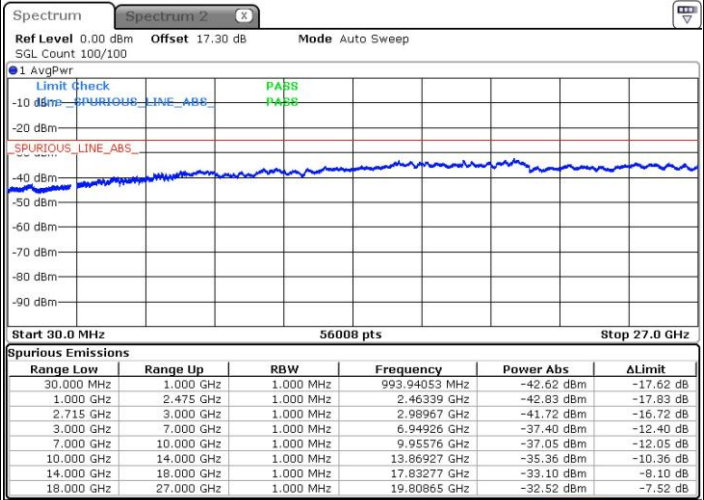
LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



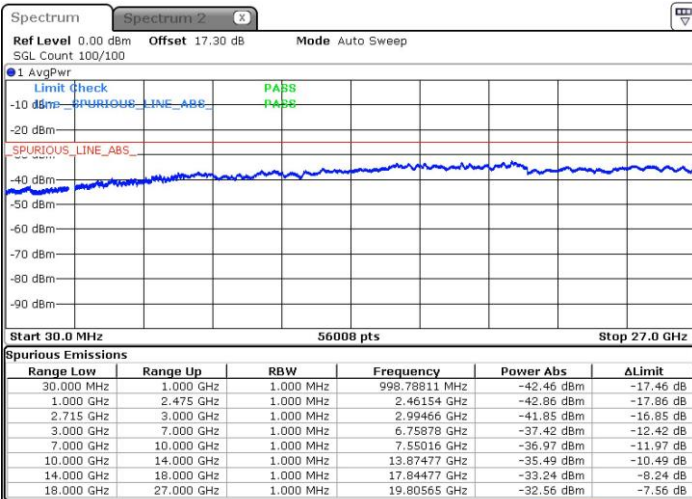
Date: 26 APR 2018 17:42:34



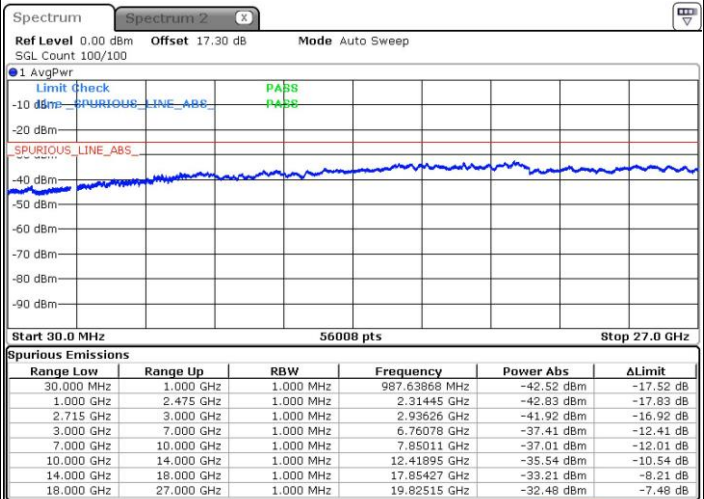
Date: 26 APR 2018 17:43:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26 APR 2018 17:44:24



Date: 26 APR 2018 17:45:19



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =102 V. ; Maximum Voltage =138 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of ERP/EIRP and Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.59	0.1816	29.07	0.8072
Middle		1	0	22.74	0.1879	29.22	0.8356
Highest		1	0	22.66	0.1845	29.14	0.8204
Lowest	16QAM	1	5	21.88	0.1542	28.36	0.6855
Middle		1	5	22.01	0.1589	28.49	0.7063
Highest		1	5	21.90	0.1549	28.38	0.6887
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	22.66	0.1845	29.14	0.8204
Middle		1	14	22.69	0.1858	29.17	0.8260
Highest		1	14	22.62	0.1828	29.10	0.8128
Lowest	16QAM	1	8	21.95	0.1567	28.43	0.6966
Middle		1	8	21.90	0.1549	28.38	0.6887
Highest		1	8	21.91	0.1552	28.39	0.6902
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.66	0.1845	29.14	0.8204
Middle		1	24	22.71	0.1866	29.19	0.8299
Highest		1	24	22.58	0.1811	29.06	0.8054
Lowest	16QAM	1	12	22.06	0.1607	28.54	0.7145
Middle		1	12	21.98	0.1578	28.46	0.7015
Highest		1	12	22.07	0.1611	28.55	0.7161
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.67	0.1849	29.15	0.8222
Middle		1	25	22.74	0.1879	29.22	0.8356
Highest		1	25	22.67	0.1849	29.15	0.8222
Lowest	16QAM	1	0	21.95	0.1567	28.43	0.6966
Middle		1	0	21.94	0.1563	28.42	0.6950
Highest		1	0	21.95	0.1567	28.43	0.6966
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.91	0.1954	29.39	0.8690
Middle		1	37	22.65	0.1841	29.13	0.8185
Highest		1	37	22.91	0.1954	29.39	0.8690
Lowest	16QAM	1	37	22.07	0.1611	28.55	0.7161
Middle		1	37	21.87	0.1538	28.35	0.6839
Highest		1	37	22.06	0.1607	28.54	0.7145
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.83	0.1919	29.31	0.8531
Middle		1	0	22.77	0.1892	29.25	0.8414
Highest		1	0	22.80	0.1905	29.28	0.8472
Lowest	16QAM	1	49	22.06	0.1607	28.54	0.7145
Middle		1	49	21.89	0.1545	28.37	0.6871
Highest		1	49	22.13	0.1633	28.61	0.7261
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	22.47	0.1766	28.95	0.7852
Middle		1	5	22.51	0.1782	28.99	0.7925
Highest		1	5	22.68	0.1854	29.16	0.8241
Lowest	16QAM	1	3	21.75	0.1496	28.23	0.6653
Middle		1	3	21.77	0.1503	28.25	0.6683
Highest		1	3	22.03	0.1596	28.51	0.7096
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.54	0.1795	29.02	0.7980
Middle		1	8	22.66	0.1845	29.14	0.8204
Highest		1	8	22.62	0.1828	29.10	0.8128
Lowest	16QAM	1	14	21.89	0.1545	28.37	0.6871
Middle		1	14	21.94	0.1563	28.42	0.6950
Highest		1	14	21.90	0.1549	28.38	0.6887
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.52	0.1786	29.00	0.7943
Middle		1	12	22.71	0.1866	29.19	0.8299
Highest		1	12	22.58	0.1811	29.06	0.8054
Lowest	16QAM	1	12	21.81	0.1517	28.29	0.6745
Middle		1	12	21.95	0.1567	28.43	0.6966
Highest		1	12	22.01	0.1589	28.49	0.7063
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.73	0.1875	29.21	0.8337
Middle		1	25	22.84	0.1923	29.32	0.8551
Highest		1	25	22.92	0.1959	29.40	0.8710
Lowest	16QAM	1	25	21.95	0.1567	28.43	0.6966
Middle		1	25	21.94	0.1563	28.42	0.6950
Highest		1	25	21.95	0.1567	28.43	0.6966
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.61	0.1824	29.09	0.8110
Middle		1	0	22.66	0.1845	29.14	0.8204
Highest		1	0	22.78	0.1897	29.26	0.8433
Lowest	16QAM	1	0	21.94	0.1563	28.42	0.6950
Middle		1	0	21.94	0.1563	28.42	0.6950
Highest		1	0	22.07	0.1611	28.55	0.7161
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 6.48 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.78	0.1897	29.26	0.8433
Middle		1	0	22.64	0.1837	29.12	0.8166
Highest		1	0	22.75	0.1884	29.23	0.8375
Lowest	16QAM	1	0	22.09	0.1618	28.57	0.7194
Middle		1	0	21.92	0.1556	28.40	0.6918
Highest		1	0	22.08	0.1614	28.56	0.7178
Limit	EIRP < 2W			Result		PASS	





LTE Band 4 / 1.4MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.92	0.1959	30.42	1.1015
Middle		1	3	22.76	0.1888	30.26	1.0617
Highest		1	3	22.79	0.1901	30.29	1.0691
Lowest	16QAM	1	3	22.20	0.1660	29.70	0.9333
Middle		1	3	22.06	0.1607	29.56	0.9036
Highest		1	3	22.12	0.1629	29.62	0.9162
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.85	0.1928	30.35	1.0839
Middle		1	8	22.74	0.1879	30.24	1.0568
Highest		1	8	22.71	0.1866	30.21	1.0495
Lowest	16QAM	1	8	22.16	0.1644	29.66	0.9247
Middle		1	8	22.03	0.1596	29.53	0.8974
Highest		1	8	22.02	0.1592	29.52	0.8954
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	30.32	1.0765
Middle		1	0	22.85	0.1928	30.35	1.0839
Highest		1	0	22.80	0.1905	30.30	1.0715
Lowest	16QAM	1	24	22.18	0.1652	29.68	0.9290
Middle		1	24	22.00	0.1585	29.50	0.8913
Highest		1	24	22.05	0.1603	29.55	0.9016
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.94	0.1968	30.44	1.1066
Middle		1	0	22.88	0.1941	30.38	1.0914
Highest		1	0	22.86	0.1932	30.36	1.0864
Lowest	16QAM	1	0	22.18	0.1652	29.68	0.9290
Middle		1	0	22.15	0.1641	29.65	0.9226
Highest		1	0	22.12	0.1629	29.62	0.9162
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.77	0.1892	30.27	1.0641
Middle		1	0	22.65	0.1841	30.15	1.0351
Highest		1	0	22.77	0.1892	30.27	1.0641
Lowest	16QAM	1	0	22.03	0.1596	29.53	0.8974
Middle		1	0	21.94	0.1563	29.44	0.8790
Highest		1	0	22.03	0.1596	29.53	0.8974
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 7.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.78	0.1897	30.28	1.0666
Middle		1	0	22.70	0.1862	30.20	1.0471
Highest		1	0	22.91	0.1954	30.41	1.0990
Lowest	16QAM	1	0	22.07	0.1611	29.57	0.9057
Middle		1	0	21.96	0.1570	29.46	0.8831
Highest		1	0	22.16	0.1644	29.66	0.9247
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.60	0.1820	25.02	0.3177
Middle		1	0	22.19	0.1656	24.61	0.2891
Highest		1	0	22.40	0.1738	24.82	0.3034
Lowest	16QAM	1	0	21.87	0.1538	24.29	0.2685
Middle		1	0	21.39	0.1377	23.81	0.2404
Highest		1	0	21.61	0.1449	24.03	0.2529
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.55	0.1799	24.97	0.3141
Middle		1	0	22.17	0.1648	24.59	0.2877
Highest		1	0	22.29	0.1694	24.71	0.2958
Lowest	16QAM	1	0	21.74	0.1493	24.16	0.2606
Middle		1	0	21.31	0.1352	23.73	0.2360
Highest		1	0	21.43	0.1390	23.85	0.2427
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.49	0.1774	24.91	0.3097
Middle		1	0	22.20	0.1660	24.62	0.2897
Highest		1	0	22.27	0.1687	24.69	0.2944
Lowest	16QAM	1	12	21.89	0.1545	24.31	0.2698
Middle		1	12	21.51	0.1416	23.93	0.2472
Highest		1	12	21.63	0.1455	24.05	0.2541
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.59	0.1816	25.01	0.3170
Middle		1	25	22.42	0.1746	24.84	0.3048
Highest		1	25	22.52	0.1786	24.94	0.3119
Lowest	16QAM	1	0	21.81	0.1517	24.23	0.2649
Middle		1	0	21.52	0.1419	23.94	0.2477
Highest		1	0	21.43	0.1390	23.85	0.2427
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 7.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	21.40	0.1380	29.00	0.7943
Middle		1.00	0.00	21.37	0.1371	28.97	0.7889
Highest		1.00	0.00	21.09	0.1285	28.69	0.7396
Lowest	16QAM	1.00	12.00	20.77	0.1194	28.37	0.6871
Middle		1.00	12.00	20.62	0.1153	28.22	0.6637
Highest		1.00	12.00	20.45	0.1109	28.05	0.6383
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 7.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	25	21.49	0.1409	29.09	0.8110
Middle		1.00	25	21.46	0.1400	29.06	0.8054
Highest		1.00	25	21.26	0.1337	28.86	0.7691
Lowest	16QAM	1.00	25	20.71	0.1178	28.31	0.6776
Middle		1.00	25	20.60	0.1148	28.20	0.6607
Highest		1.00	25	20.45	0.1109	28.05	0.6383
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 7.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	37.00	21.41	0.1384	29.01	0.7962
Middle		1.00	37.00	21.38	0.1374	28.98	0.7907
Highest		1.00	37.00	21.33	0.1358	28.93	0.7816
Lowest	16QAM	1.00	0.00	20.48	0.1117	28.08	0.6427
Middle		1.00	0.00	20.59	0.1146	28.19	0.6592
Highest		1.00	0.00	20.38	0.1091	27.98	0.6281
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 7.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	21.29	0.1346	28.89	0.7745
Middle		1.00	0.00	21.43	0.1390	29.03	0.7998
Highest		1.00	0.00	21.17	0.1309	28.77	0.7534
Lowest	16QAM	1.00	0.00	20.57	0.1140	28.17	0.6561
Middle		1.00	0.00	20.69	0.1172	28.29	0.6745
Highest		1.00	0.00	20.49	0.1119	28.09	0.6442
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.95	0.1972	25.67	0.3690
Middle		1	0	22.56	0.1803	25.28	0.3373
Highest		1	0	22.48	0.1770	25.20	0.3311
Lowest	16QAM	1	3	22.18	0.1652	24.90	0.3090
Middle		1	3	21.84	0.1528	24.56	0.2858
Highest		1	3	21.82	0.1521	24.54	0.2844
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.78	0.1897	25.50	0.3548
Middle		1	0	22.52	0.1786	25.24	0.3342
Highest		1	0	22.46	0.1762	25.18	0.3296
Lowest	16QAM	1	0	22.02	0.1592	24.74	0.2979
Middle		1	0	21.79	0.1510	24.51	0.2825
Highest		1	0	21.69	0.1476	24.41	0.2761
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.72	0.1871	25.44	0.3499
Middle		1	0	22.58	0.1811	25.30	0.3388
Highest		1	0	22.51	0.1782	25.23	0.3334
Lowest	16QAM	1	12	22.12	0.1629	24.84	0.3048
Middle		1	12	21.82	0.1521	24.54	0.2844
Highest		1	12	21.91	0.1552	24.63	0.2904
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.76	0.1888	25.48	0.3532
Middle		1	0	22.62	0.1828	25.34	0.3420
Highest		1	0	22.51	0.1782	25.23	0.3334
Lowest	16QAM	1	0	21.96	0.1570	24.68	0.2938
Middle		1	0	21.89	0.1545	24.61	0.2891
Highest		1	0	21.75	0.1496	24.47	0.2799
Limit	ERP < 3W			Result		PASS	





LTE Band 13 / 5MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.10	0.1622	24.82	0.3034
Middle		1	0	22.24	0.1675	24.96	0.3133
Highest		1	0	22.16	0.1644	24.88	0.3076
Lowest	16QAM	1	12	21.63	0.1455	24.35	0.2723
Middle		1	12	21.55	0.1429	24.27	0.2673
Highest		1	12	21.56	0.1432	24.28	0.2679
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 4.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	22.41	0.1742	25.13	0.3258
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	21.65	0.1462	24.37	0.2735
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 7.92 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	21.23	0.1327	29.15	0.8222
Middle		1.00	0.00	21.44	0.1393	29.36	0.8630
Highest		1.00	0.00	21.32	0.1355	29.24	0.8395
Lowest	16QAM	1.00	0.00	20.61	0.1151	28.53	0.7129
Middle		1.00	0.00	20.86	0.1219	28.78	0.7551
Highest		1.00	0.00	20.74	0.1186	28.66	0.7345
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 7.92 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	25	21.68	0.1472	29.60	0.9120
Middle		1.00	25	21.71	0.1483	29.63	0.9183
Highest		1.00	25	22.06	0.1607	29.98	0.9954
Lowest	16QAM	1.00	25	20.74	0.1186	28.66	0.7345
Middle		1.00	25	20.77	0.1194	28.69	0.7396
Highest		1.00	25	21.01	0.1262	28.93	0.7816
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 7.92 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	37.00	21.37	0.1371	29.29	0.8492
Middle		1.00	37.00	21.40	0.1380	29.32	0.8551
Highest		1.00	37.00	21.29	0.1346	29.21	0.8337
Lowest	16QAM	1.00	74.00	20.55	0.1135	28.47	0.7031
Middle		1.00	74.00	20.74	0.1186	28.66	0.7345
Highest		1.00	74.00	20.70	0.1175	28.62	0.7278
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 7.92 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	21.10	0.1288	29.02	0.7980
Middle		1.00	0.00	21.26	0.1337	29.18	0.8279
Highest		1.00	0.00	21.34	0.1361	29.26	0.8433
Lowest	16QAM	1.00	49.00	20.57	0.1140	28.49	0.7063
Middle		1.00	49.00	20.80	0.1202	28.72	0.7447
Highest		1.00	49.00	20.83	0.1211	28.75	0.7499
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	22.48	0.1770	24.90	0.3090
Middle		3	3	22.04	0.1600	24.46	0.2793
Highest		3	3	22.00	0.1585	24.42	0.2767
Lowest	16QAM	1	3	21.78	0.1507	24.20	0.2630
Middle		1	3	21.40	0.1380	23.82	0.2410
Highest		1	3	21.38	0.1374	23.80	0.2399
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.45	0.1758	24.87	0.3069
Middle		1	8	22.16	0.1644	24.58	0.2871
Highest		1	8	22.19	0.1656	24.61	0.2891
Lowest	16QAM	1	8	21.79	0.1510	24.21	0.2636
Middle		1	8	21.38	0.1374	23.80	0.2399
Highest		1	8	21.42	0.1387	23.84	0.2421
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.58	0.1811	25.00	0.3162
Middle		1	24	22.09	0.1618	24.51	0.2825
Highest		1	24	22.12	0.1629	24.54	0.2844
Lowest	16QAM	1	12	21.94	0.1563	24.36	0.2729
Middle		1	12	21.50	0.1413	23.92	0.2466
Highest		1	12	21.50	0.1413	23.92	0.2466
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.56	0.1803	24.98	0.3148
Middle		1	25	22.34	0.1714	24.76	0.2992
Highest		1	25	22.52	0.1786	24.94	0.3119
Lowest	16QAM	1	25	21.79	0.1510	24.21	0.2636
Middle		1	25	21.48	0.1406	23.90	0.2455
Highest		1	25	21.61	0.1449	24.03	0.2529
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 4.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.63	0.1832	25.05	0.3199
Middle		1	0	22.45	0.1758	24.87	0.3069
Highest		1	0	22.22	0.1667	24.64	0.2911
Lowest	16QAM	1	0	21.89	0.1545	24.31	0.2698
Middle		1	0	21.71	0.1483	24.13	0.2588
Highest		1	0	21.47	0.1403	23.89	0.2449
Limit	ERP < 7W			Result		PASS	



**Radiated Spurious Emission**

**LTE Band 25**

LTE Band 25 / 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	3708	-41.50	-13	-28.50	-58.41	-53.3	0.72	12.52	H
	5568	-52.73	-13	-39.73	-73.84	-64.9	0.99	13.16	H
	7422	-47.84	-13	-34.84	-73.03	-57.2	1.18	10.54	H
									H
									H
									H
	3708	-45.40	-13	-32.40	-63.44	-57.2	0.72	12.52	V
	5568	-53.73	-13	-40.73	-75	-65.9	0.99	13.16	V
	7422	-50.74	-13	-37.74	-75.4	-60.1	1.18	10.54	V
									V
									V
									V
Middle	3762	-40.39	-13	-27.39	-57.29	-52.2	0.69	12.50	H
	5640	-54.47	-13	-41.47	-75.66	-66.6	0.98	13.12	H
	7518	-49.33	-13	-36.33	-73.82	-58.6	1.18	10.45	H
									H
									H
									H
	3762	-41.49	-13	-28.49	-59.69	-53.3	0.69	12.50	V
	5640	-54.17	-13	-41.17	-75.3	-66.3	0.98	13.12	V
	7518	-49.73	-13	-36.73	-73.96	-59	1.18	10.45	V
									V
									V
									V



LTE Band 25 / 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)
Highest	3822	-41.72	-13	-28.72	-58.9	-53.5	0.69	12.47	H
	5730	-52.13	-13	-39.13	-73.18	-64.2	0.99	13.06	H
	7638	-49.30	-13	-36.30	-74.14	-58.9	1.18	10.79	H
									H
									H
									H
									H
	3822	-38.42	-13	-25.42	-56.75	-50.2	0.69	12.47	V
	5730	-52.13	-13	-39.13	-73.4	-64.2	0.99	13.06	V
	7638	-48.70	-13	-35.70	-73.28	-58.3	1.18	10.79	V
									V
									V
									V
									V

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



### LTE Band 4

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	3420	-40.38	-13	-27.38	-57.54	-51.97	0.77	12.36	H	
	5130	-50.36	-13	-37.36	-71.06	-61.85	0.97	12.46	H	
	6860	-52.28	-13	-39.28	-75.99	-63.04	0.85	11.61	H	
										H
										H
										H
										H
	3420	-44.32	-13	-31.32	-61.29	-55.91	0.77	12.36	V	
	5130	-49.13	-13	-36.13	-70	-60.62	0.97	12.46	V	
	6860	-51.73	-13	-38.73	-75.89	-62.49	0.85	11.61	V	
										V
										V
										V
										V
Middle	3456	-32.57	-13	-19.57	-49.78	-44.26	0.78	12.47	H	
	5184	-53.53	-13	-40.53	-74.32	-65.11	0.99	12.57	H	
	6912	-51.72	-13	-38.72	-75.56	-62.25	0.97	11.49	H	
										H
										H
										H
										H
	3456	-36.18	-13	-23.18	-53.78	-47.87	0.78	12.47	V	
	5184	-50.71	-13	-37.71	-71.66	-62.29	0.99	12.57	V	
	6912	-51.63	-13	-38.63	-75.87	-62.16	0.97	11.49	V	
										V
										V
										V
										V





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)
Highest	3492	-41.52	-13	-28.52	-58.77	-53.32	0.78	12.58	H
	5238	-52.11	-13	-39.11	-73.04	-63.78	1.01	12.68	H
	7000	-51.64	-13	-38.64	-75.67	-61.78	1.16	11.30	H
									H
									H
									H
									H
	3492	-43.37	-13	-30.37	-61.59	-55.17	0.78	12.58	V
	5238	-51.80	-13	-38.80	-72.87	-63.47	1.01	12.68	V
	7000	-50.86	-13	-37.86	-75.19	-61	1.16	11.30	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 / 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	5010	-41.28	-25	-16.28	-61.76	-52.56	0.94	12.22	H
	7518	-40.88	-25	-15.88	-65.79	-50.15	1.18	10.45	H
	10024	-45.09	-25	-20.09	-76.13	-55.78	1.37	12.05	H
									H
									H
									H
									H
	5010	-41.86	-25	-16.86	-65.52	-53.14	0.94	12.22	V
	7518	-38.04	-25	-13.04	-63	-47.31	1.18	10.45	V
	10024	-44.53	-25	-19.53	-75.25	-55.22	1.37	12.05	V
									V
									V
									V
									V
Middle	5070	-44.06	-25	-19.06	-64.63	-55.44	0.96	12.34	H
	7608	-40.61	-25	-15.61	-65.76	-50.13	1.18	10.70	H
	10144	-44.76	-25	-19.76	-75.76	-55.21	1.38	11.83	H
									H
									H
									H
									H
	5070	-44.81	-25	-19.81	-65.55	-56.19	0.96	12.34	V
	7608	-40.36	-25	-15.36	-65.24	-49.88	1.18	10.70	V
	10144	-45.16	-25	-20.16	-75.89	-55.61	1.38	11.83	V
									V
									V
									V
									V



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)
Highest	5130	-42.42	-25	-17.42	-63.12	-53.91	0.97	12.46	H
	7698	-40.80	-25	-15.80	-66.12	-50.57	1.19	10.95	H
	10260	-44.83	-25	-19.83	-75.78	-55.04	1.39	11.61	H
									H
									H
									H
									H
	5130	-43.07	-25	-18.07	-63.94	-54.56	0.97	12.46	V
	7698	-39.74	-25	-14.74	-64.93	-49.51	1.19	10.95	V
	10260	-45.13	-25	-20.13	-75.86	-55.34	1.39	11.61	V
									V
									V
									V
									V

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



## LTE Band 12

LTE Band 12 / 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	1400	-44.05	-13.00	-31.05	-54.78	-50.10	0.50	8.70	H
	2096	-32.46	-13.00	-19.46	-45.75	-40.20	0.59	10.48	H
	2796	-59.97	-13.00	-46.97	-74.17	-68.10	0.70	10.98	H
									H
									H
									H
									H
	1400	-53.55	-13.00	-40.55	-64.28	-59.60	0.50	8.70	V
	2096	-33.06	-13.00	-20.06	-45.94	-40.80	0.59	10.48	V
	3496	-59.44	-13.00	-46.44	-74.16	-69.10	0.78	12.59	V
									V
									V
									V
									V
Middle	1416	-41.46	-13.00	-28.46	-52.41	-47.60	0.50	8.80	H
	2120	-31.45	-13.00	-18.45	-45.17	-39.20	0.59	10.50	H
	3536	-53.85	-13.00	-40.85	-70.09	-63.50	0.78	12.59	H
									H
									H
									H
									H
	1416	-50.46	-13.00	-37.46	-61.08	-56.60	0.50	8.80	V
	2120	-33.75	-13.00	-20.75	-46.79	-41.50	0.59	10.50	V
	3536	-55.15	-13.00	-42.15	-72.31	-64.80	0.78	12.59	V
									V
									V
									V
									V



LTE Band 12 / 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)
Highest	1432	-36.71	-13.00	-23.71	-49.44	-45.10	0.50	8.89	H
	2144	-32.78	-13.00	-19.78	-49.10	-42.70	0.59	10.52	H
	3576	-53.51	-13.00	-40.51	-71.47	-65.30	0.78	12.57	H
									H
									H
									H
									H
	1432.0	-43.11	-13.00	-30.11	-56.00	-51.50	0.50	8.89	V
	2144.0	-33.28	-13.00	-20.28	-49.46	-43.20	0.59	10.52	V
	3576.0	-54.91	-13.00	-41.91	-74.39	-66.70	0.78	12.57	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	1554	-61.75	-13	-48.75	-72.25	-68.50	0.51	9.42	H
	2331	-59.71	-13	-46.71	-74.05	-67.60	0.62	10.66	H
	3108	-58.97	-13	-45.97	-74.20	-67.50	0.74	11.42	H
									H
									H
									H
									H
	1554	-62.85	-13	-49.85	-72.48	-69.60	0.51	9.42	V
	2331	-59.61	-13	-46.61	-73.83	-67.50	0.62	10.66	V
	3108	-59.07	-13	-46.07	-74.31	-67.60	0.74	11.42	V
									V
									V
									V
									V
Middle	1560	-61.83	-42.15	-19.68	-72.38	-68.60	0.51	9.43	H
	2339	-60.00	-13	-47.00	-74.27	-67.90	0.62	10.67	H
	3118	-59.54	-13	-46.54	-74.48	-68.10	0.74	11.45	H
									H
									H
									H
									H
	1560	-62.13	-42.15	-19.98	-71.99	-68.90	0.51	9.43	V
	2339	-59.60	-13	-46.60	-74.04	-67.50	0.62	10.67	V
	3118	-59.04	-13	-46.04	-74.16	-67.60	0.74	11.45	V
									V
									V
									V
									V
								V	



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)
Highest	1564	-62.72	-42.15	-20.57	-72.58	-69.50	0.52	9.44	H
	2346	-59.90	-13	-46.90	-74.00	-67.80	0.62	10.68	H
	3128	-59.41	-13	-46.41	-74.63	-68.00	0.74	11.48	H
									H
									H
									H
									H
	1564	-60.82	-42.15	-18.67	-70.32	-67.60	0.52	9.44	V
	2346	-59.60	-13	-46.60	-73.95	-67.50	0.62	10.68	V
	3128	-59.01	-13	-46.01	-74.53	-67.60	0.74	11.48	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	1562	-58.73	-42.15	-16.58	-68.61	-65.5	0.51	9.44	H
	2342	-60.00	-13	-47.00	-73.96	-67.9	0.62	10.67	H
	3124	-59.62	-13	-46.62	-74.74	-68.2	0.74	11.47	H
									H
									H
									H
									H
	1562	-57.43	-42.15	-15.28	-67.31	-64.2	0.51	9.44	V
	2342	-59.20	-13	-46.20	-73.07	-67.1	0.62	10.67	V
	3124	-58.82	-13	-45.82	-74.32	-67.4	0.74	11.47	V
									V
									V
									V
									V

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





### LTE Band 41

LTE Band 41 / 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	5004	-29.53	-25	-4.53	-49.86	-40.8	0.94	12.21	H	
	7506	-47.66	-25	-22.66	-71.93	-56.9	1.18	10.42	H	
	10008	-45.78	-25	-20.78	-76.5	-56.5	1.37	12.08	H	
										H
										H
										H
										H
	5004	-33.83	-25	-8.83	-54.33	-45.1	0.94	12.21	V	
	7506	-49.46	-25	-24.46	-74.12	-58.7	1.18	10.42	V	
	10008	-45.98	-25	-20.98	-76.51	-56.7	1.37	12.08	V	
										V
										V
										V
										V
Middle	5184	-39.32	-25	-14.32	-59.91	-50.9	0.99	12.57	H	
	7782	-49.60	-25	-24.60	-74.83	-59.6	1.19	11.19	H	
	10368	-45.50	-25	-20.50	-76.4	-55.5	1.40	11.40	H	
										H
										H
										H
										H
	5184	-38.82	-25	-13.82	-59.28	-50.4	0.99	12.57	V	
	7782	-50.80	-25	-25.80	-75.89	-60.8	1.19	11.19	V	
	10368	-46.10	-25	-21.10	-76.55	-56.1	1.40	11.40	V	
										V
										V
										V
										V



LTE Band 41 / 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)
Highest	5370	-36.52	-25	-11.52	-57.33	-48.4	1.06	12.94	H
	8055	-49.01	-25	-24.01	-75.53	-59.6	1.22	11.81	H
	10746	-45.85	-25	-20.85	-76.38	-55.1	1.44	10.68	H
									H
									H
									H
									H
	5370	-36.82	-25	-11.82	-58.16	-48.7	1.06	12.94	V
	8055	-49.01	-25	-24.01	-75.43	-59.6	1.22	11.81	V
	10746	-45.75	-25	-20.75	-76.2	-55	1.44	10.68	V
									V
									V
									V
									V

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



## LTE Band 26

LTE Band 26 / 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	1648	-59.25	-13	-46.25	-68.81	-66.2	0.53	9.63	H
	2472	-43.22	-13	-30.22	-56.51	-51.2	0.65	10.78	H
	4128	-51.16	-13	-38.16	-68.39	-60.5	0.86	12.35	H
									H
									H
									H
									H
	1648	-52.65	-13	-39.65	-61.47	-59.6	0.53	9.63	V
	2472	-40.12	-13	-27.12	-54.03	-48.1	0.65	10.78	V
	4128	-47.26	-13	-34.26	-65.28	-56.6	0.86	12.35	V
									V
									V
									V
									V
Middle	1656	-54.93	-13	-41.93	-64.75	-61.9	0.53	9.64	H
	2488	-42.21	-13	-29.21	-55.54	-50.2	0.65	10.79	H
	4152	-50.76	-13	-37.76	-67.7	-60.1	0.85	12.34	H
									H
									H
									H
									H
	1656	-50.53	-13	-37.53	-59.75	-57.5	0.53	9.64	V
	2488	-42.01	-13	-29.01	-54.77	-50	0.65	10.79	V
	4152	-45.46	-13	-32.46	-63.61	-54.8	0.85	12.34	V
									V
									V
									V
									V



LTE Band 26 / 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)
Highest	1672	-55.50	-13	-42.50	-65.31	-62.5	0.53	9.68	H
	2504	-45.30	-13	-32.30	-58.78	-53.3	0.66	10.80	H
	4176	-45.66	-13	-32.66	-72.58	-55	0.84	12.33	H
									H
									H
									H
									H
	1672	-53.10	-13	-40.10	-62.24	-60.1	0.53	9.68	V
	2504	-42.90	-13	-29.90	-56.65	-50.9	0.66	10.80	V
	4176	-45.26	-13	-32.26	-63.47	-54.6	0.84	12.33	V
									V
									V
									V
									V

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