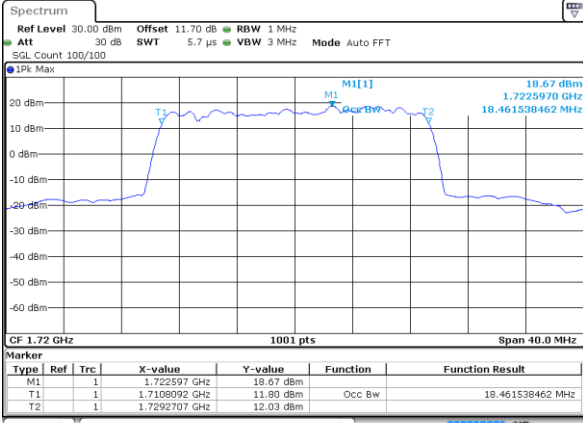




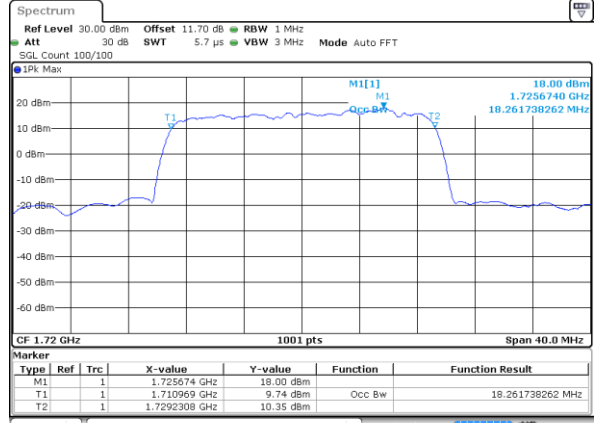
LTE Band 66

Lowest Channel / 20MHz / QPSK



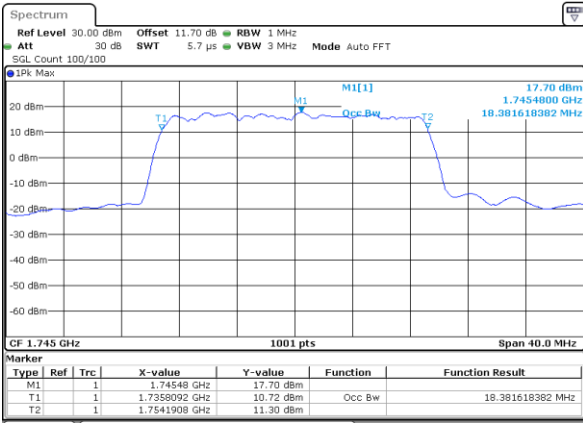
Date: 9 AUG 2017 15:52:12

Lowest Channel / 20MHz / 16QAM



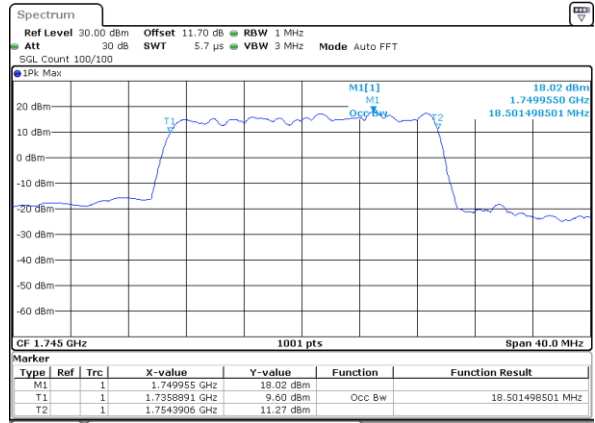
Date: 9 AUG 2017 15:52:22

Middle Channel / 20MHz / QPSK



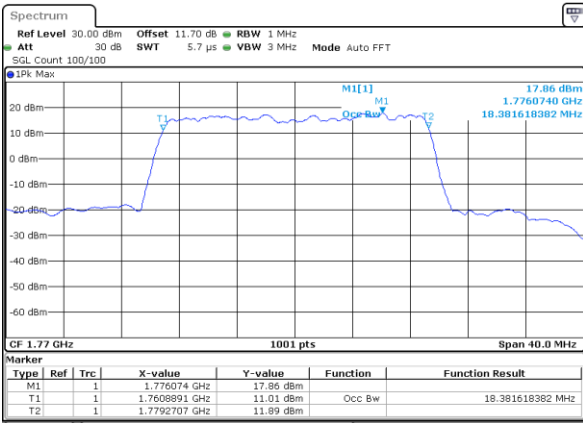
Date: 9 AUG 2017 15:59:16

Middle Channel / 20MHz / 16QAM



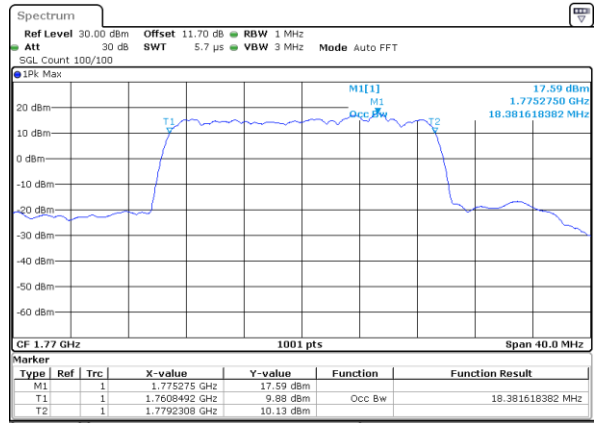
Date: 9 AUG 2017 15:59:26

Highest Channel / 20MHz / QPSK



Date: 9 AUG 2017 16:01:45

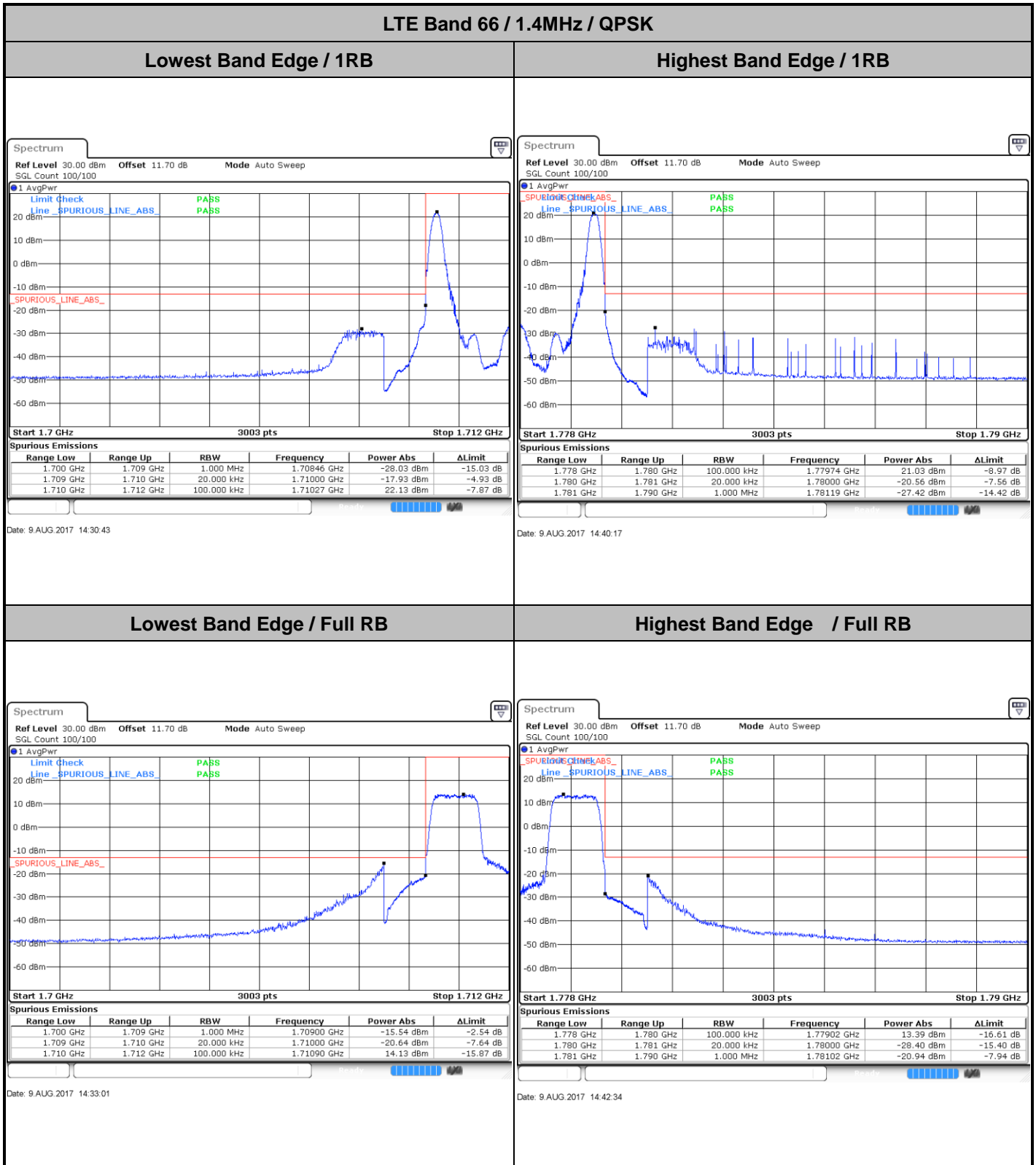
Highest Channel / 20MHz / 16QAM



Date: 9 AUG 2017 16:01:55



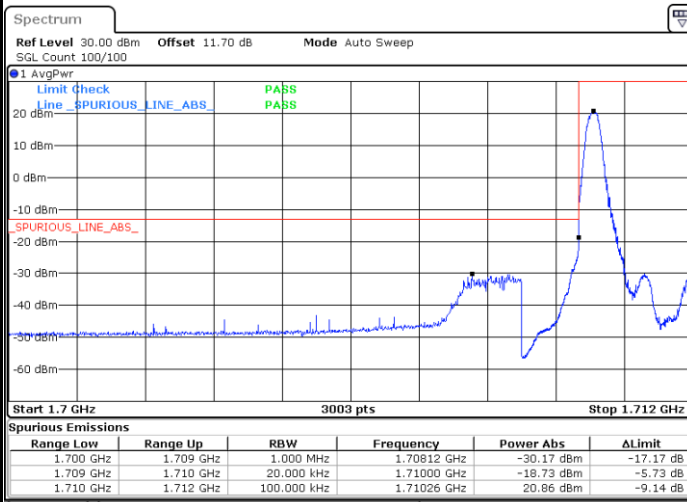
**Conducted Band Edge**





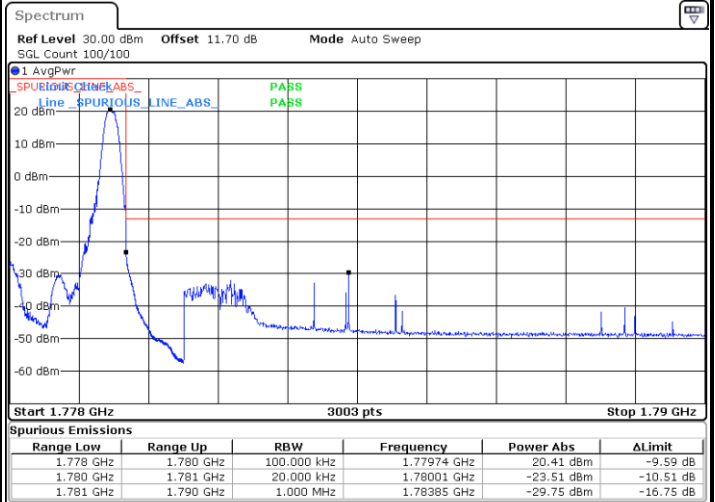
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



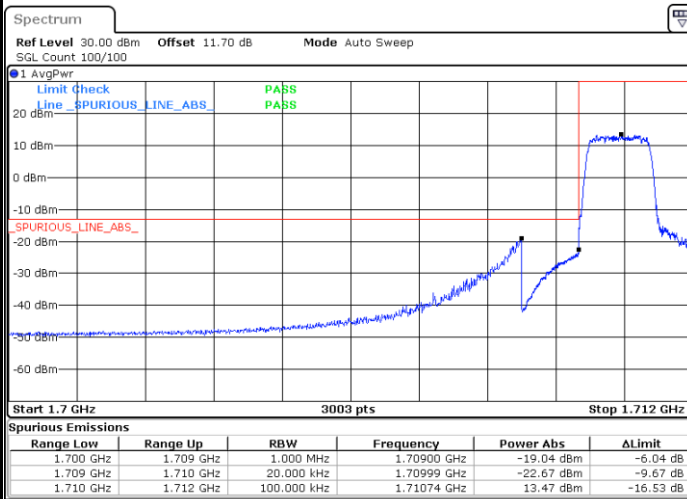
Date: 9 AUG.2017 14:31:52

Highest Band Edge / 1 RB



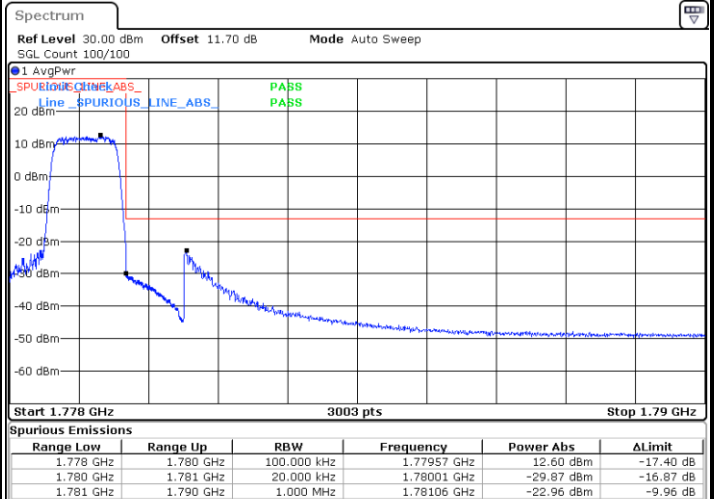
Date: 9 AUG.2017 14:41:25

Lowest Band Edge / Full RB



Date: 9 AUG.2017 14:34:09

Highest Band Edge / Full RB

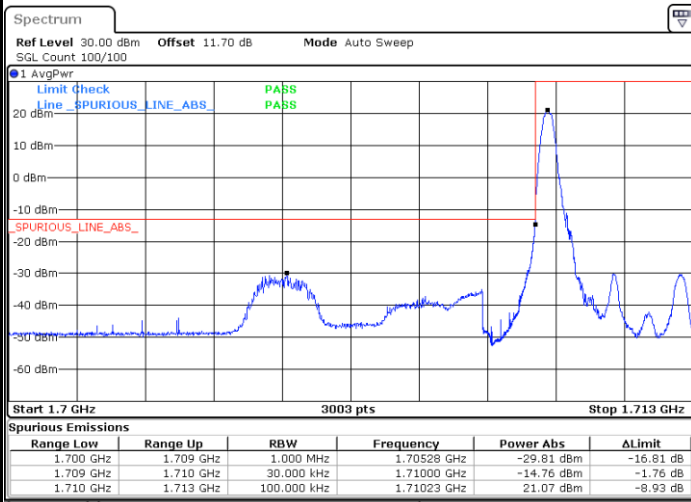


Date: 9 AUG.2017 14:43:43



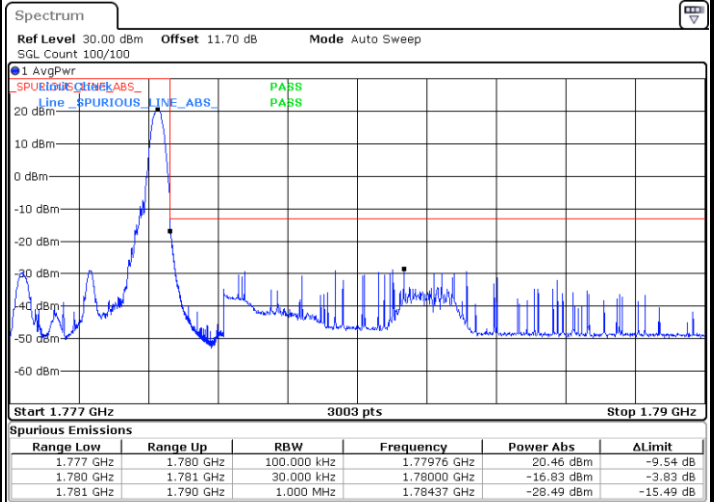
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



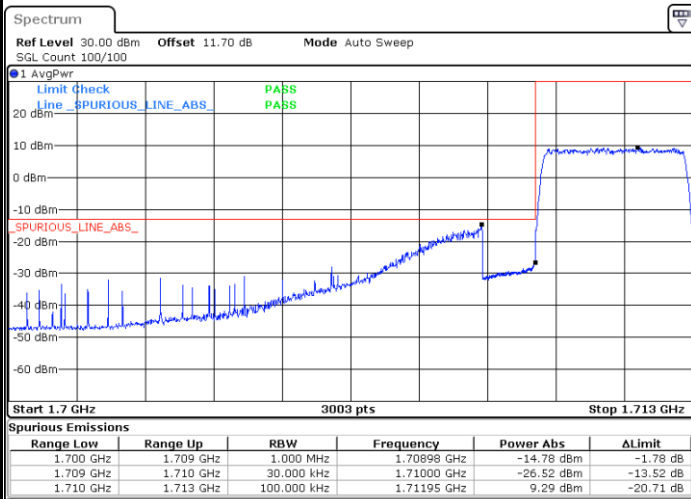
Date: 9 AUG 2017 14:47:21

Highest Band Edge / 1 RB



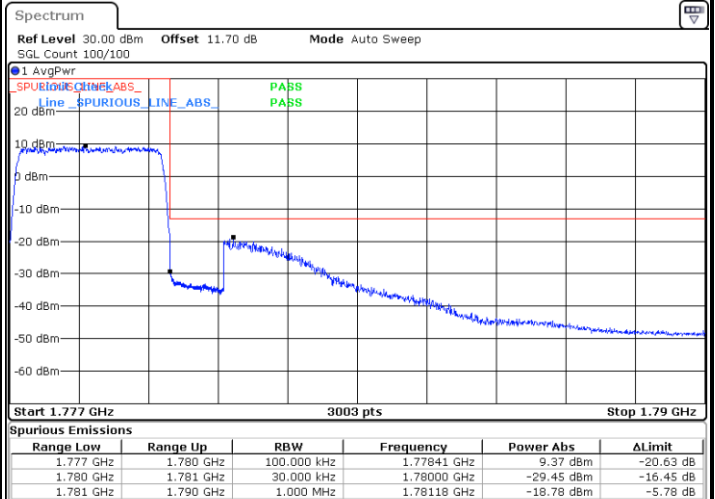
Date: 9 AUG 2017 14:56:54

Lowest Band Edge / Full RB



Date: 9 AUG 2017 14:49:38

Highest Band Edge / Full RB

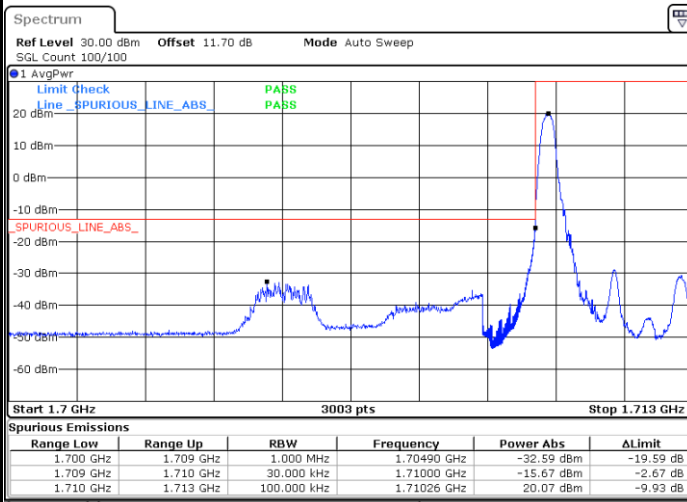


Date: 9 AUG 2017 14:59:11



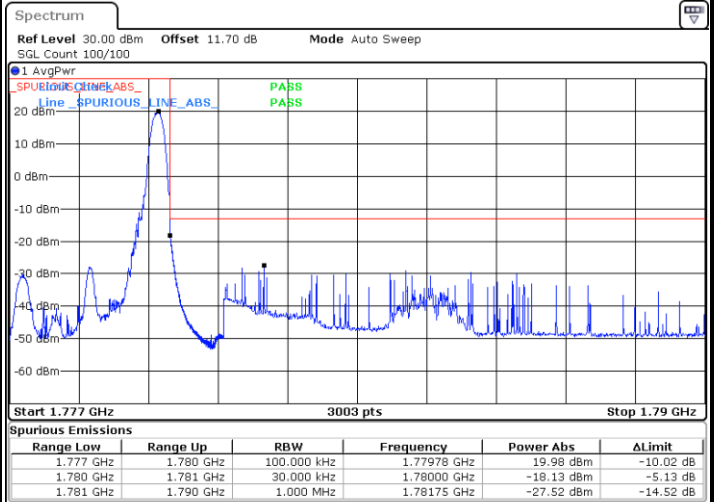
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



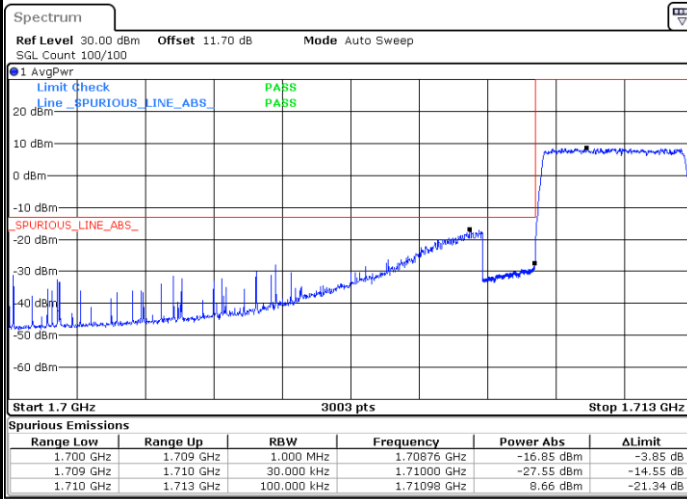
Date: 9 AUG 2017 14:48:29

Highest Band Edge / 1 RB



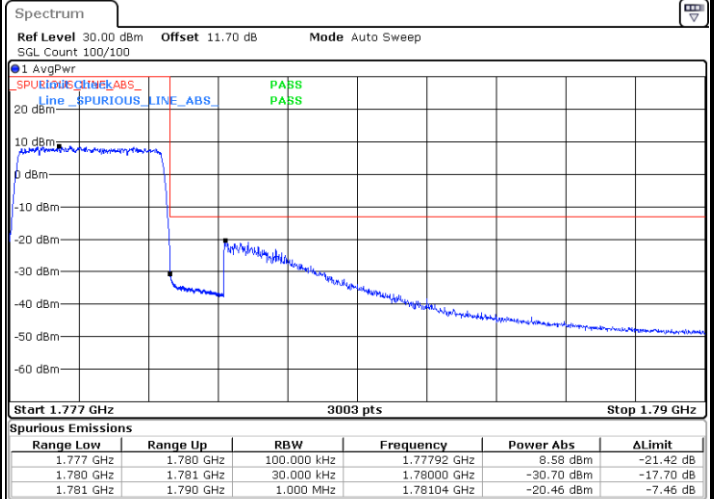
Date: 9 AUG 2017 14:58:03

Lowest Band Edge / Full RB



Date: 9 AUG 2017 14:50:47

Highest Band Edge / Full RB

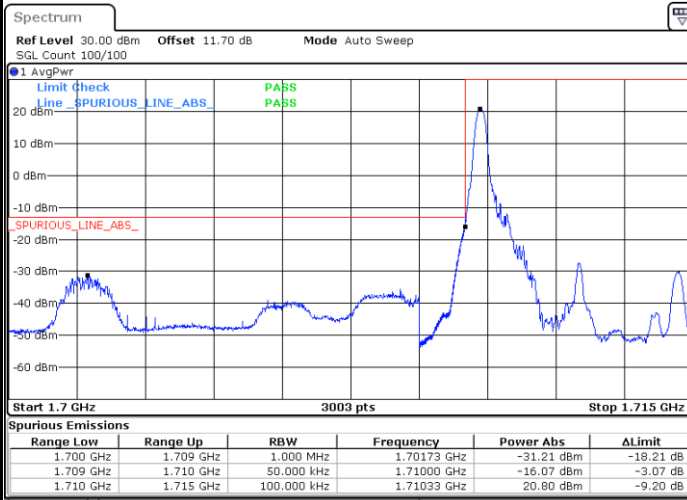


Date: 9 AUG 2017 15:00:20

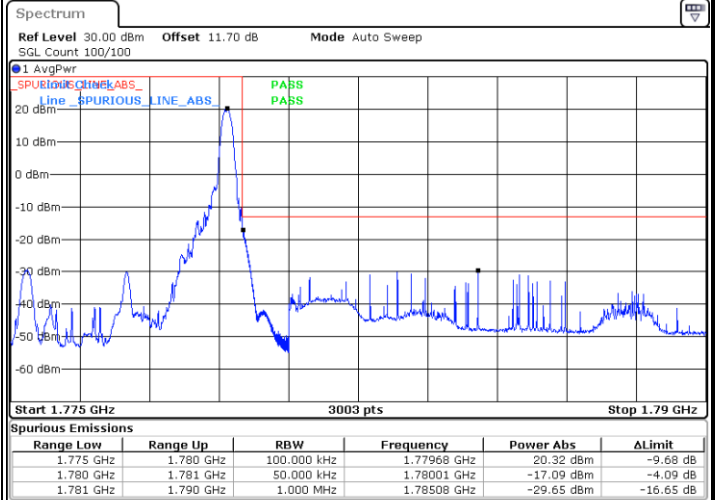


LTE Band 66 / 5MHz / QPSK

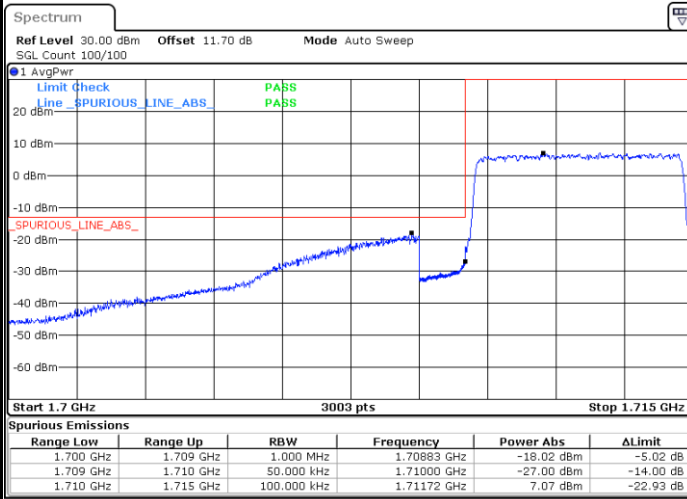
Lowest Band Edge / 1 RB



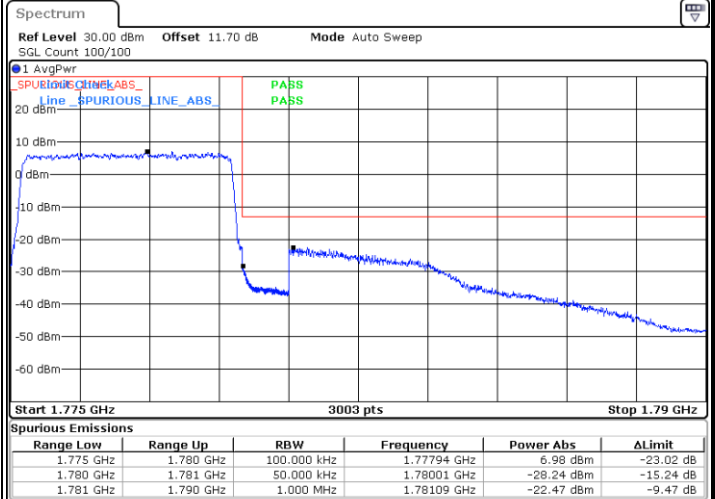
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



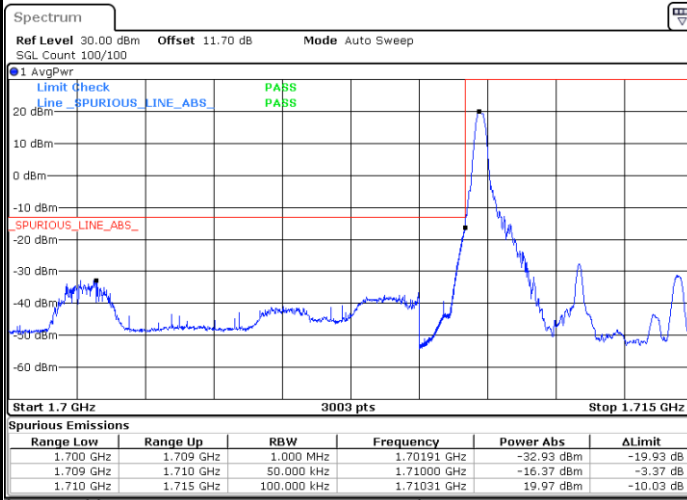
Highest Band Edge / Full RB





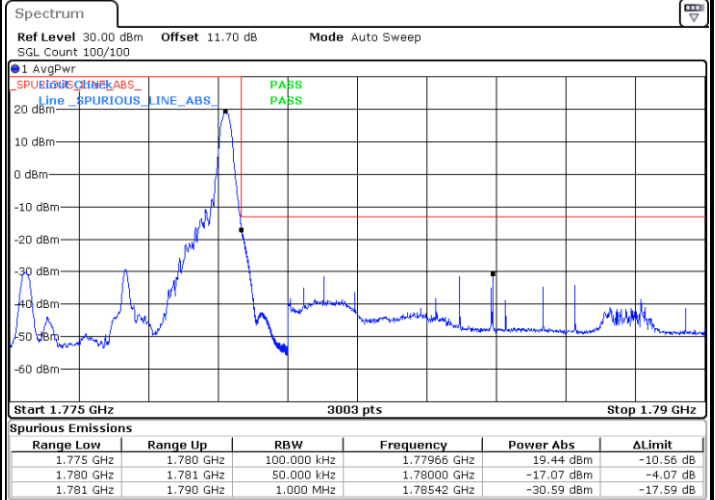
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



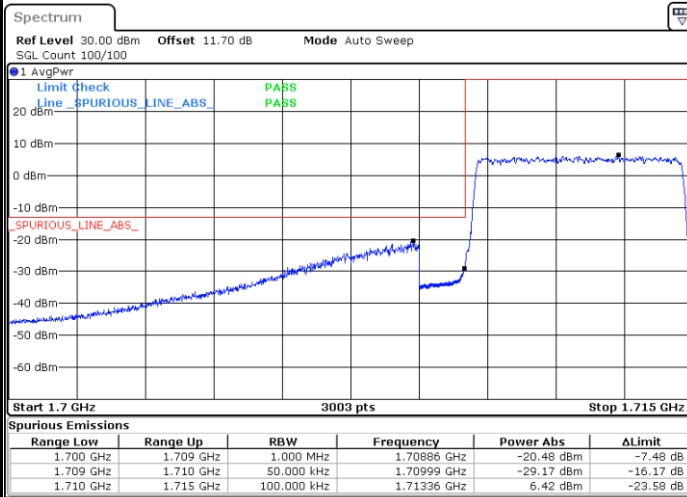
Date: 9 AUG 2017 15:05:07

Highest Band Edge / 1 RB



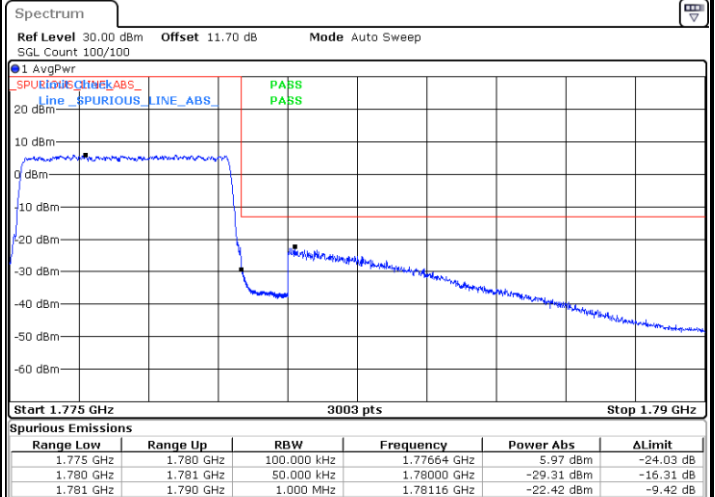
Date: 9 AUG 2017 15:14:40

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:07:24

Highest Band Edge / Full RB



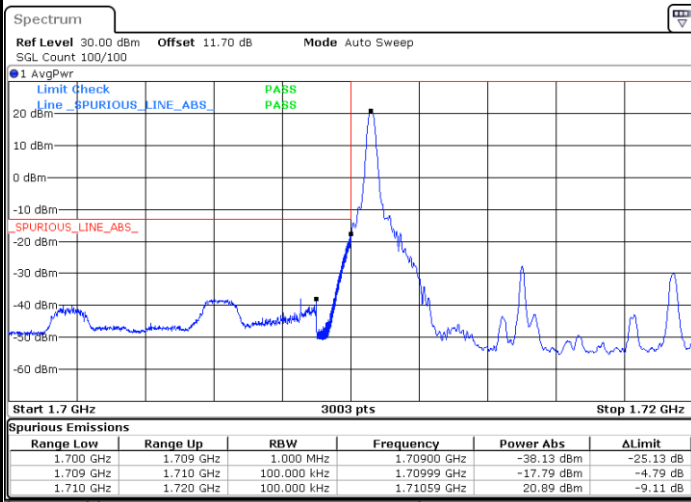
Date: 9 AUG 2017 15:16:57





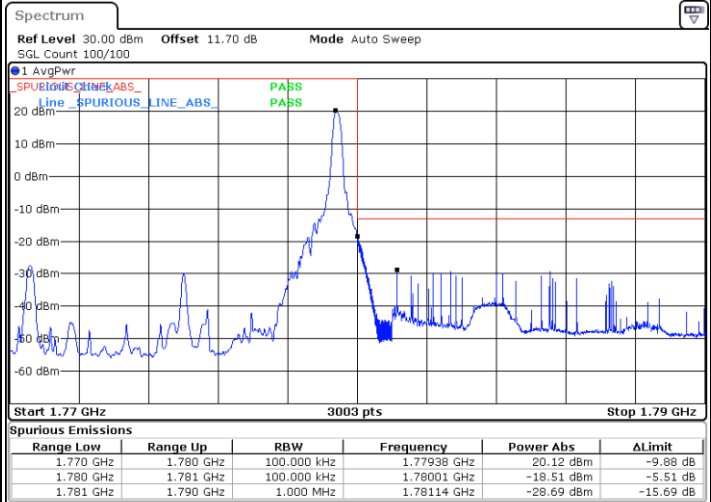
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



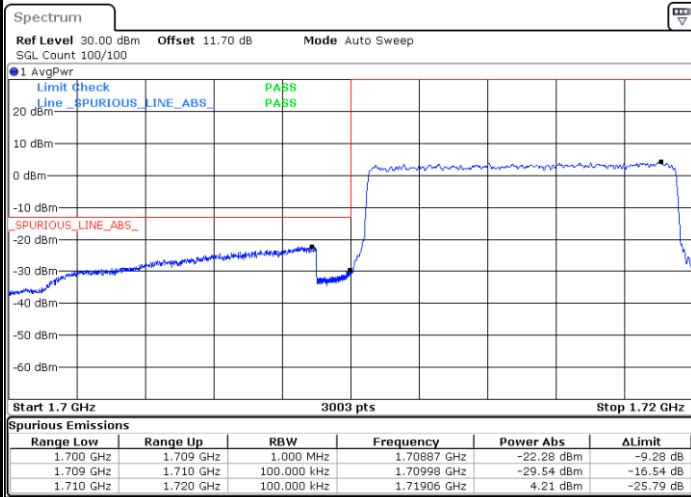
Date: 9 AUG 2017 15:20:35

Highest Band Edge / 1 RB



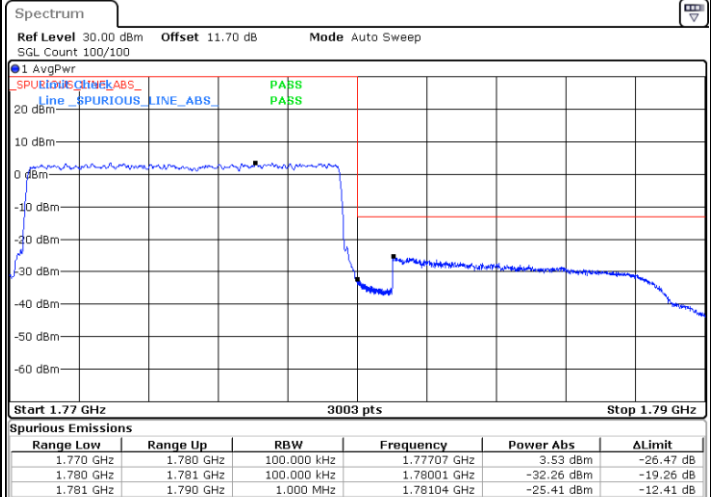
Date: 9 AUG 2017 15:30:09

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:22:53

Highest Band Edge / Full RB

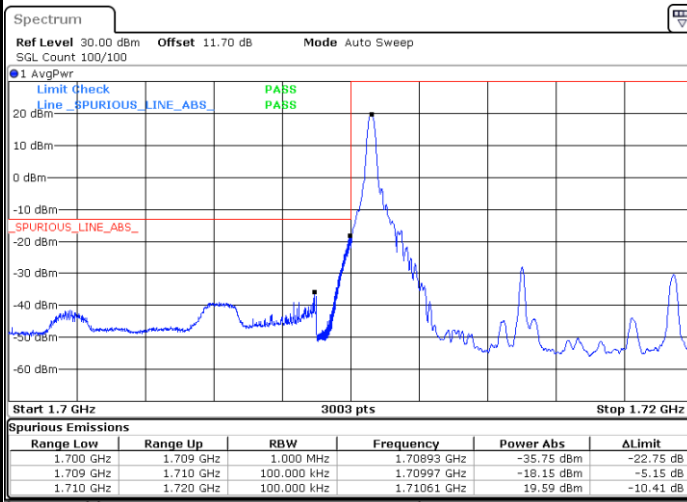


Date: 9 AUG 2017 15:32:26



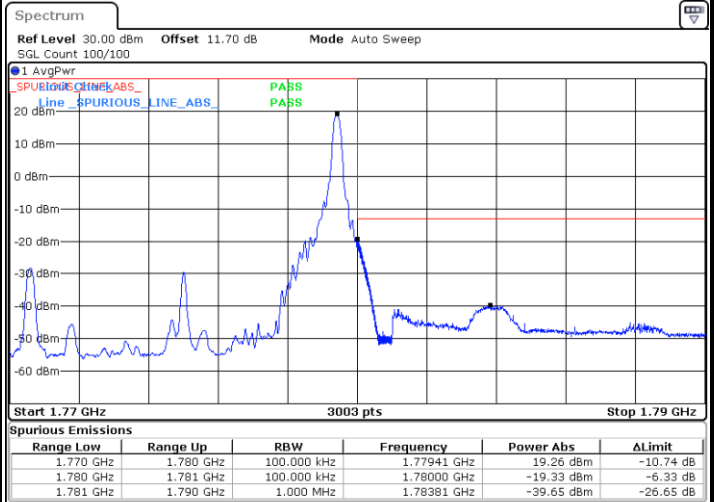
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



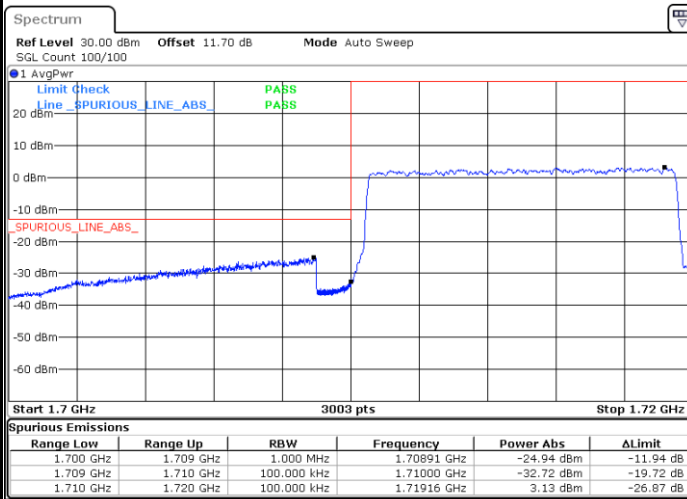
Date: 9 AUG 2017 15:21:44

Highest Band Edge / 1 RB



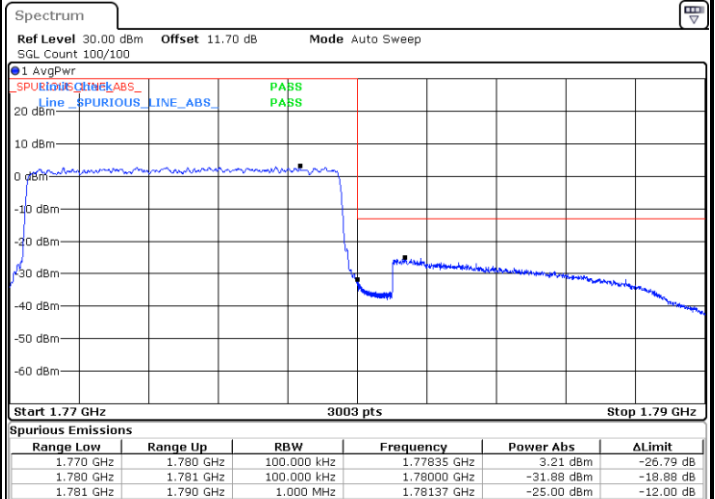
Date: 9 AUG 2017 15:31:17

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:24:01

Highest Band Edge / Full RB

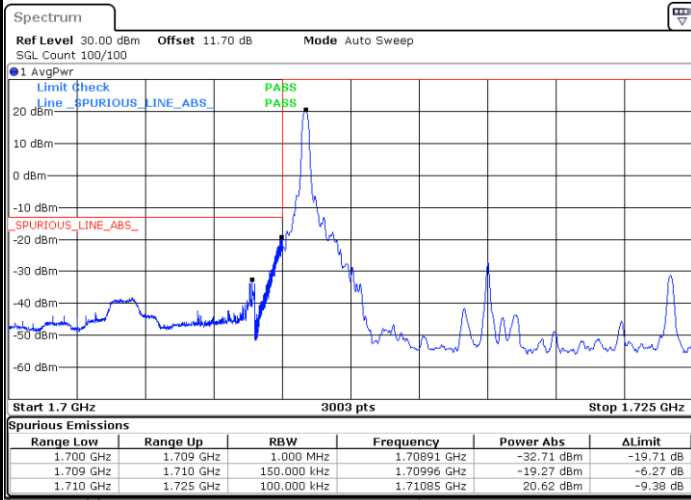


Date: 9 AUG 2017 15:33:35



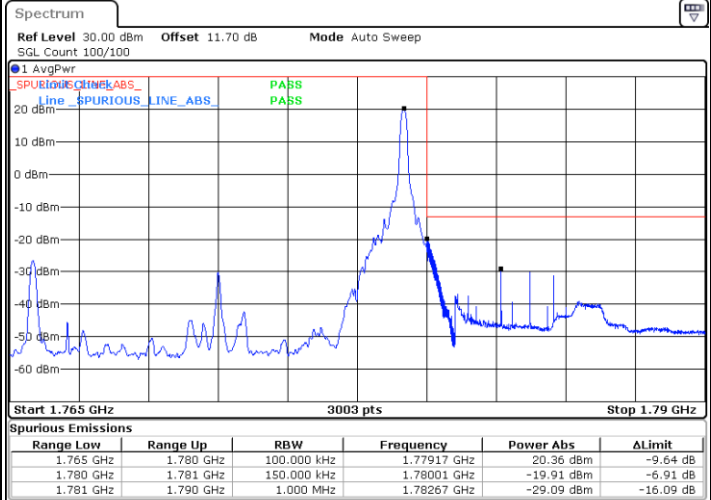
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



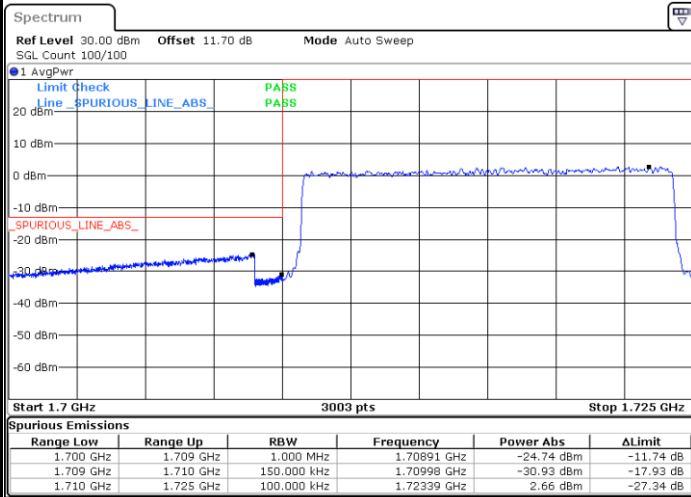
Date: 9 AUG 2017 15:37:13

Highest Band Edge / 1 RB



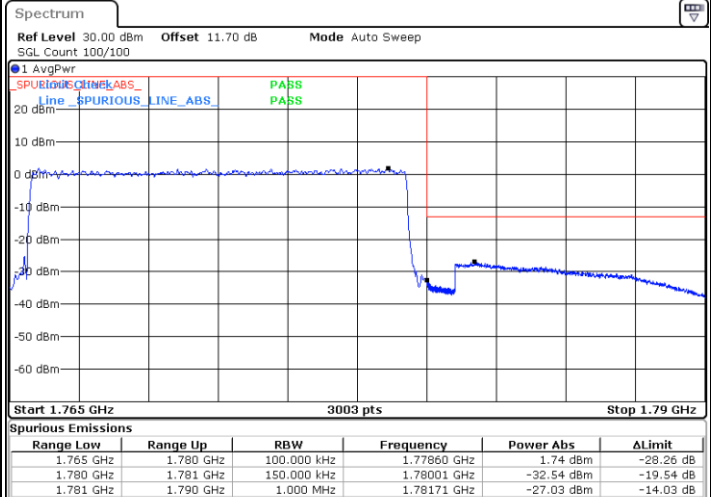
Date: 9 AUG 2017 15:46:46

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:39:30

Highest Band Edge / Full RB

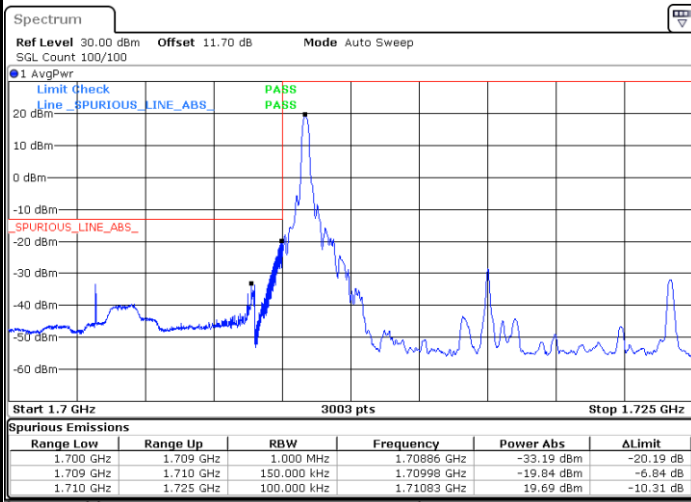


Date: 9 AUG 2017 15:49:03



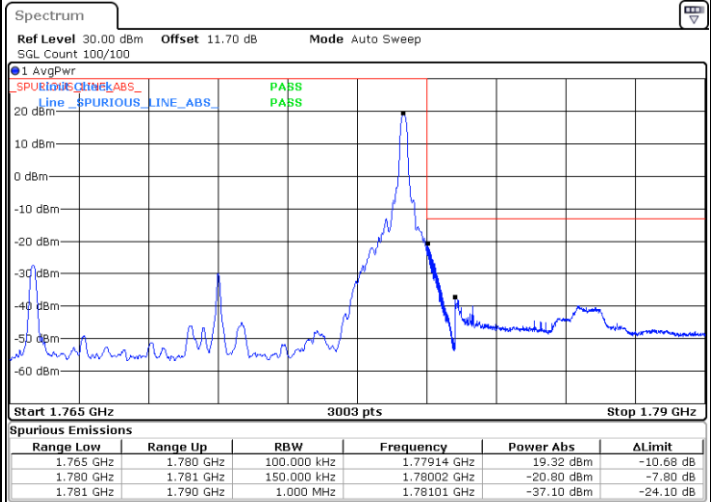
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



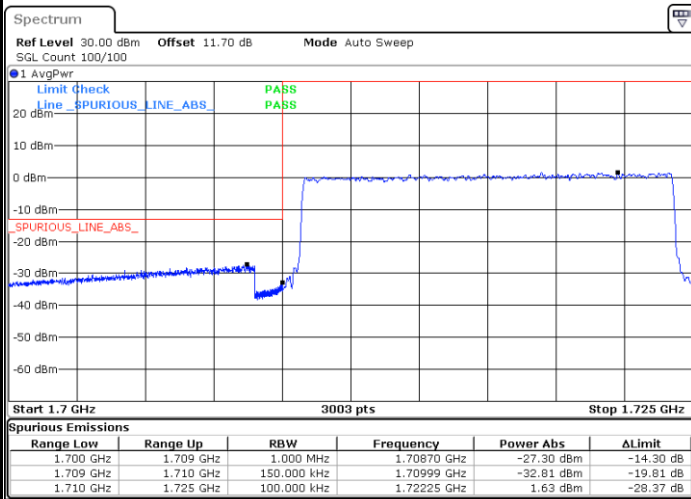
Date: 9 AUG 2017 15:38:21

Highest Band Edge / 1 RB



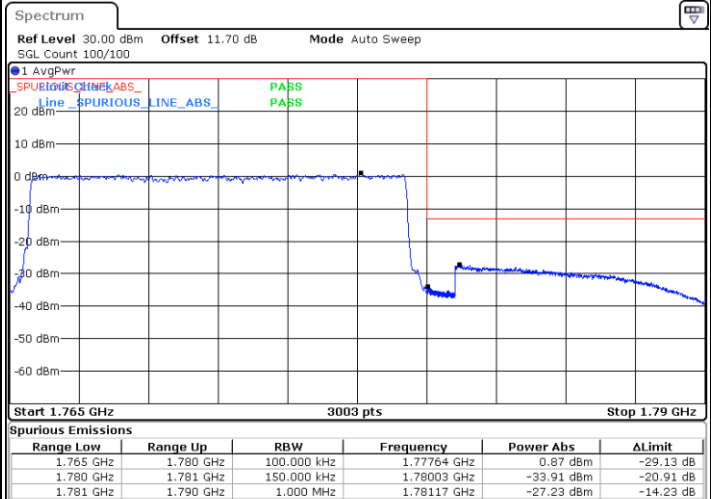
Date: 9 AUG 2017 15:47:55

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:40:39

Highest Band Edge / Full RB

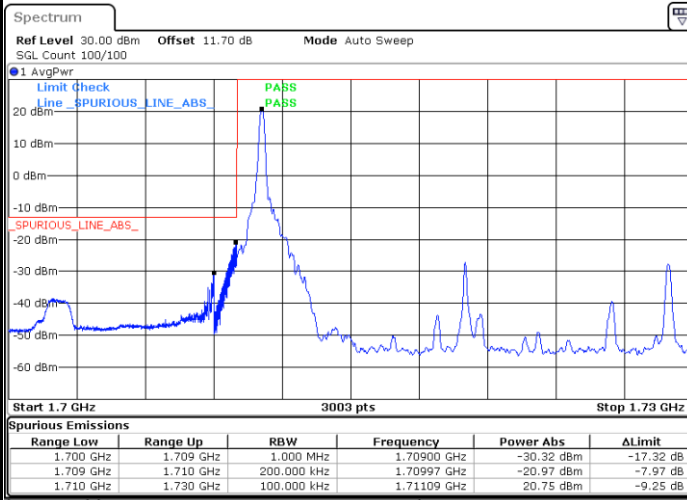


Date: 9 AUG 2017 15:50:12



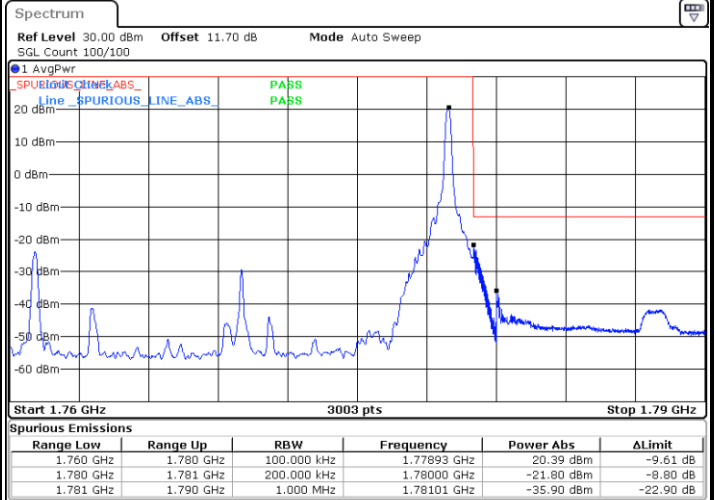
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



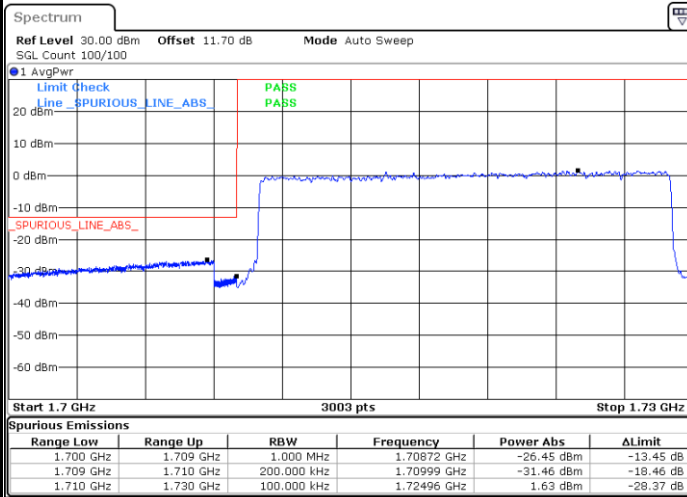
Date: 9 AUG.2017 15:53:50

Highest Band Edge / 1 RB



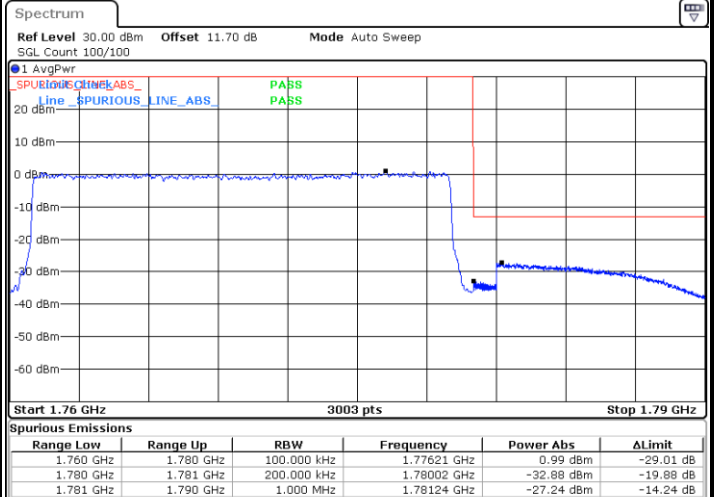
Date: 9 AUG.2017 16:03:24

Lowest Band Edge / Full RB



Date: 9 AUG.2017 15:56:08

Highest Band Edge / Full RB

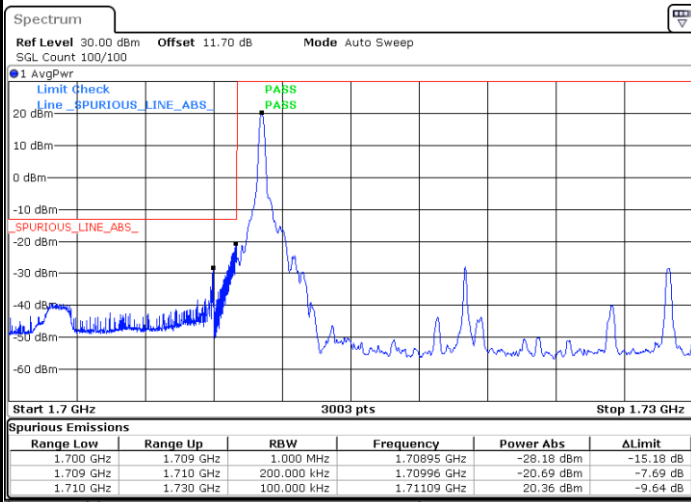


Date: 9 AUG.2017 16:05:41



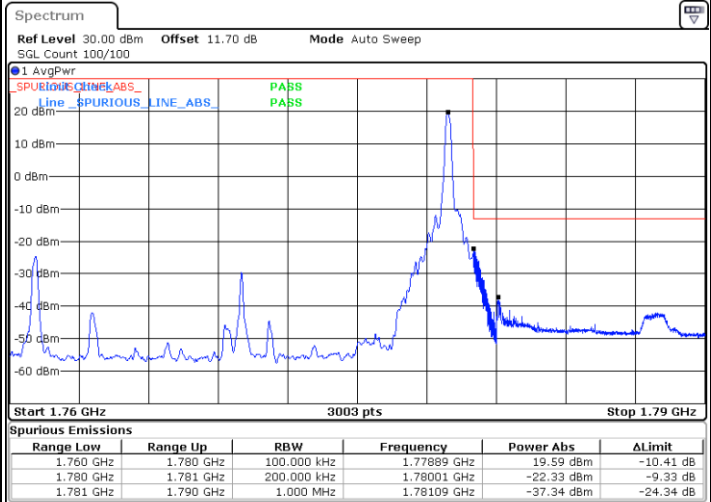
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



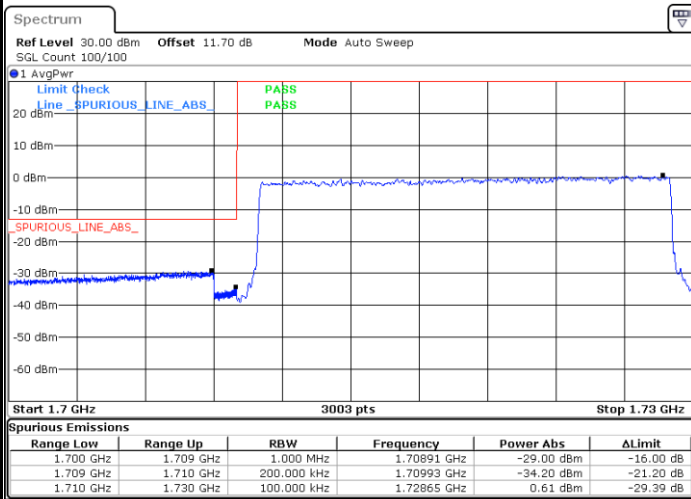
Date: 9 AUG 2017 15:54:59

Highest Band Edge / 1 RB



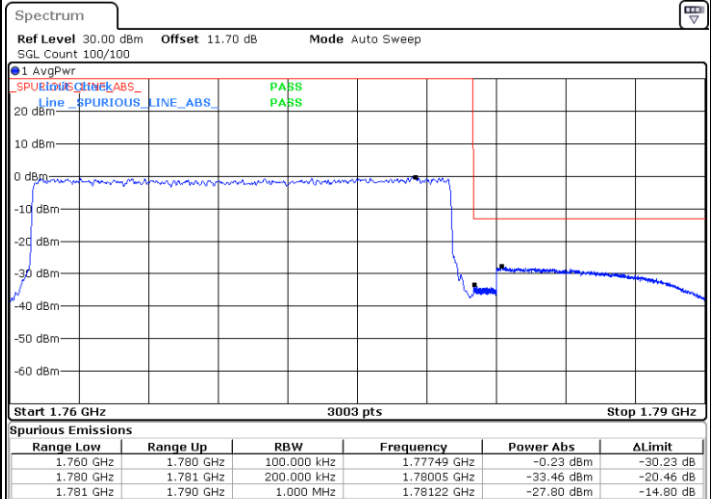
Date: 9 AUG 2017 16:04:32

Lowest Band Edge / Full RB



Date: 9 AUG 2017 15:57:16

Highest Band Edge / Full RB



Date: 9 AUG 2017 16:06:49



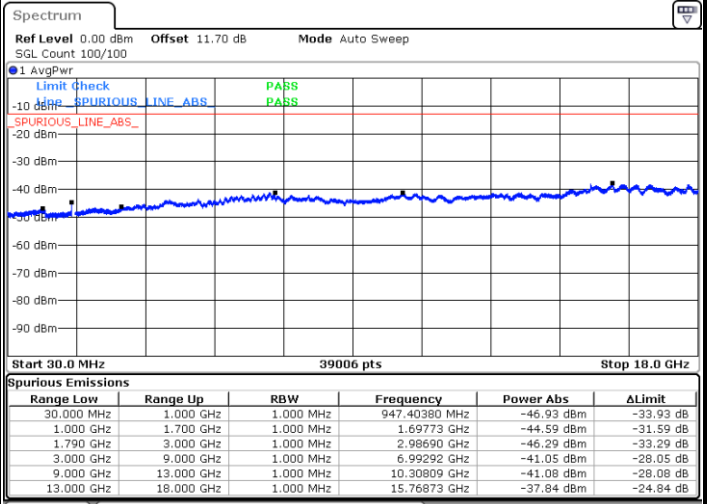
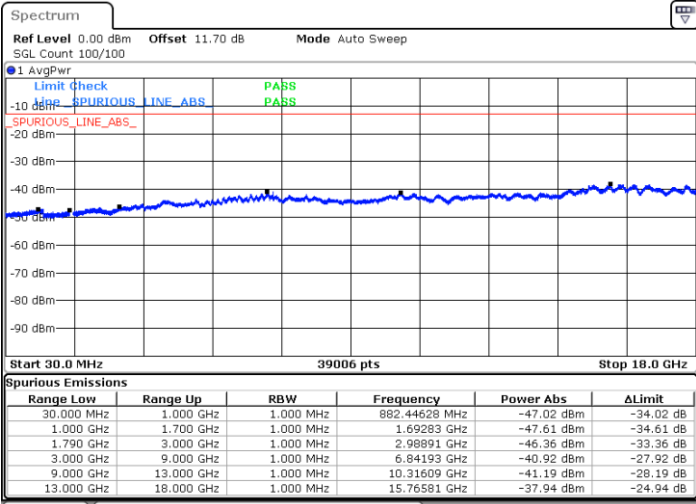
**Conducted Spurious Emission**



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

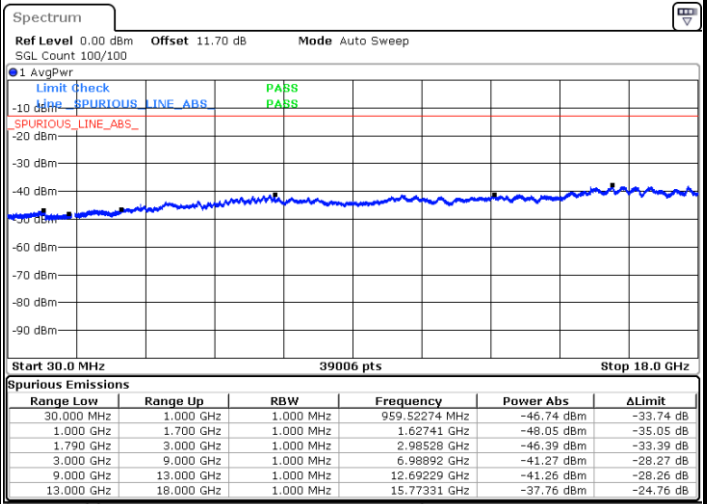
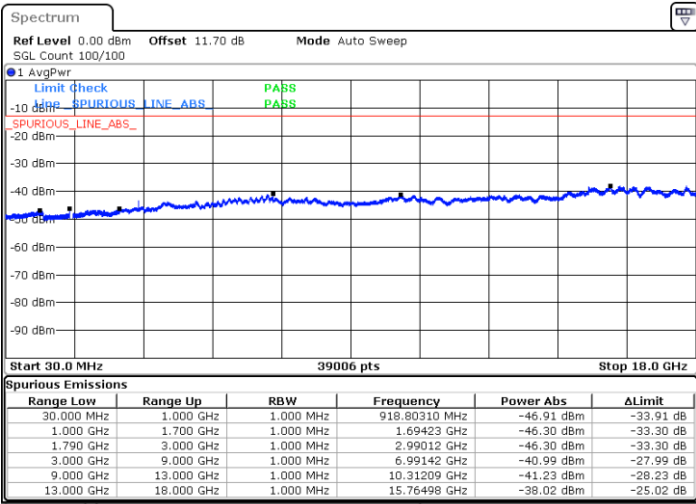


Date: 9 AUG.2017 14:35:04

Date: 9 AUG.2017 14:35:58

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 AUG.2017 14:37:33

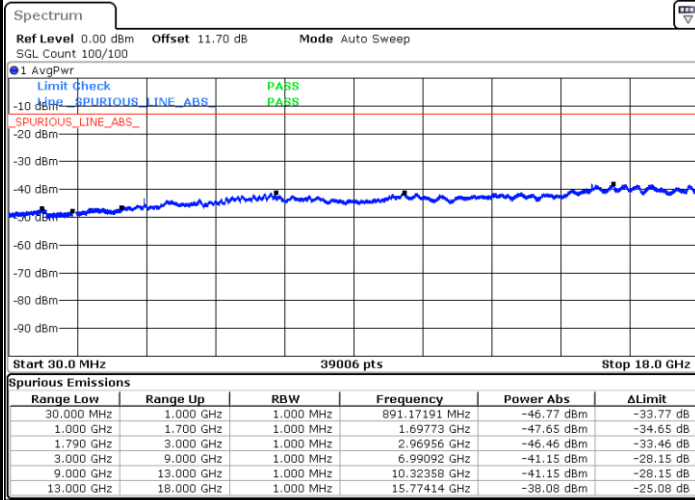
Date: 9 AUG.2017 14:38:28





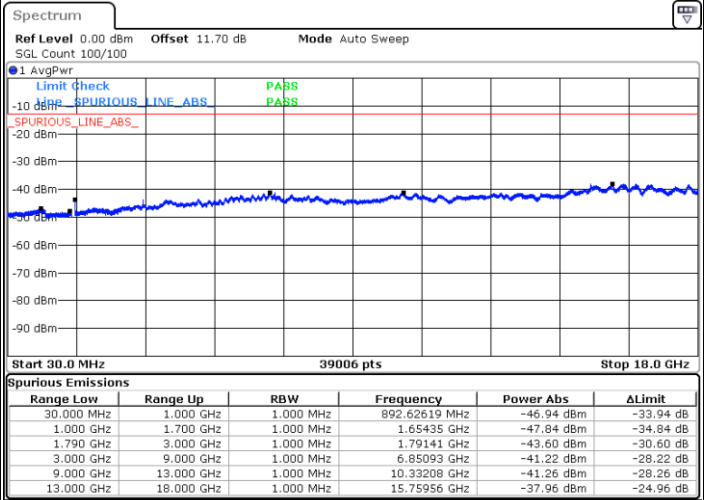
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 9 AUG.2017 14:44:37

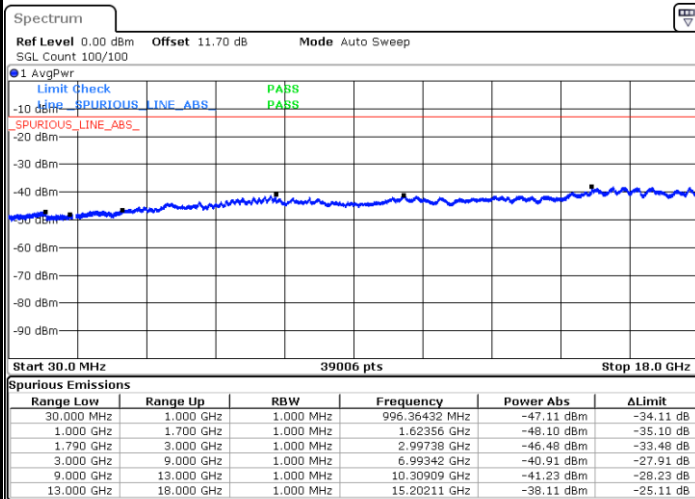
Highest Channel / 16QAM



Date: 9 AUG.2017 14:45:32

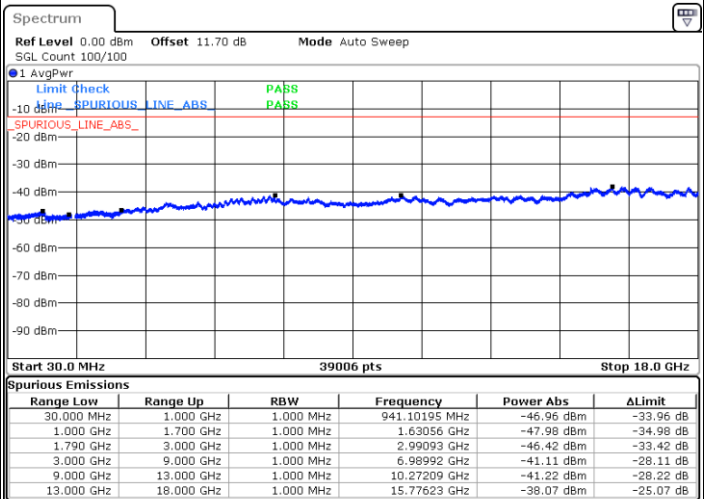
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 9 AUG.2017 14:51:41

Lowest Channel / 16QAM



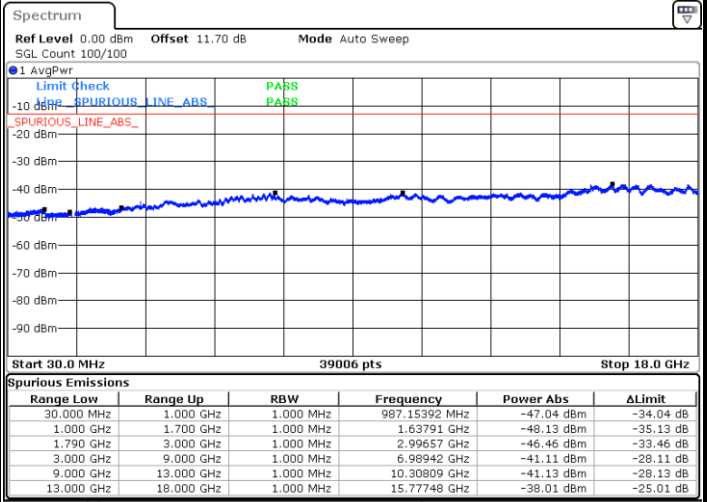
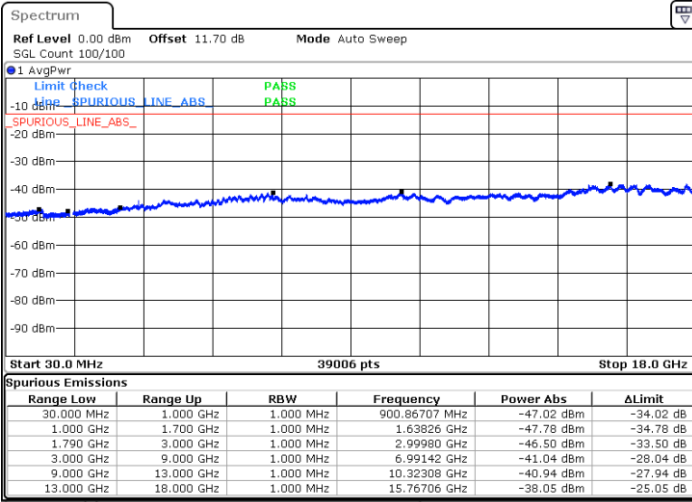
Date: 9 AUG.2017 14:52:36



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

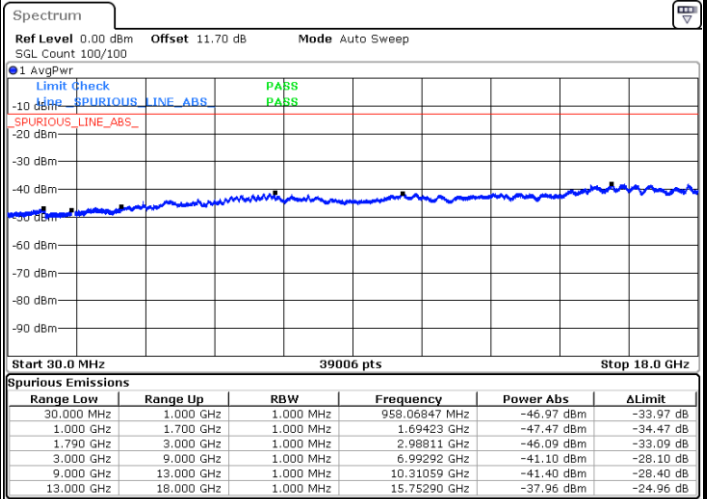
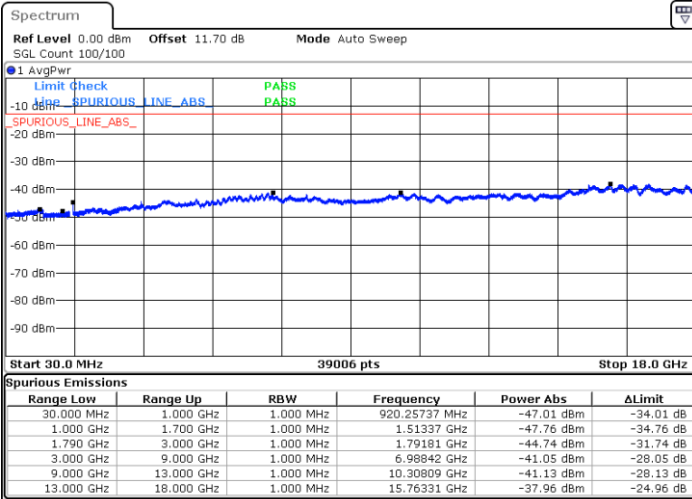


Date: 9 AUG.2017 14:54:10

Date: 9 AUG.2017 14:55:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 AUG.2017 15:01:14

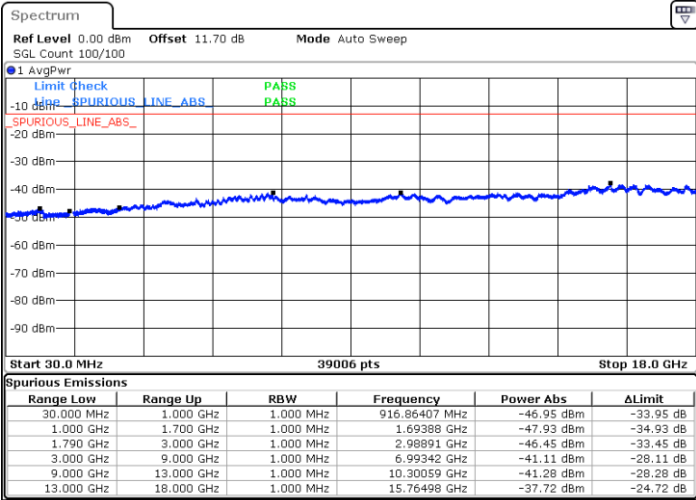
Date: 9 AUG.2017 15:02:09



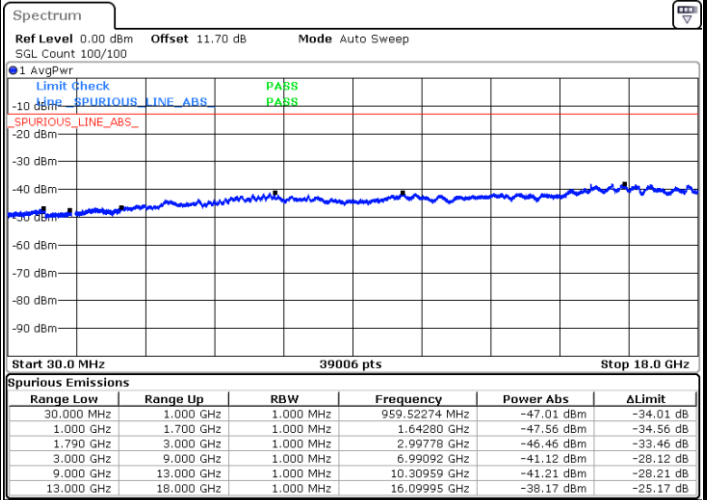
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



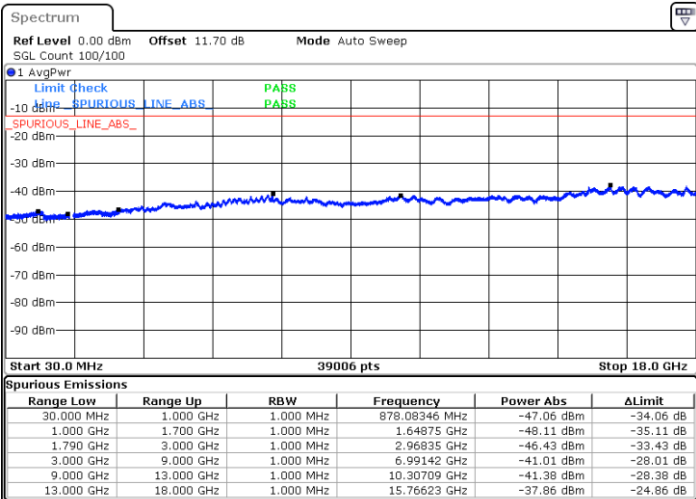
Date: 9 AUG.2017 15:08:18



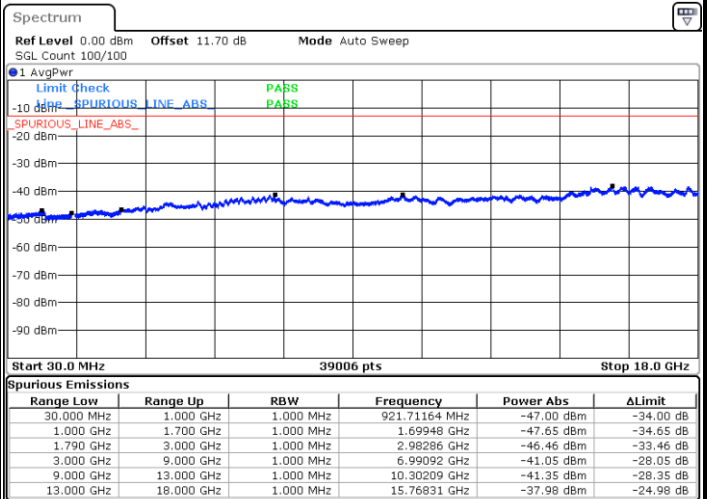
Date: 9 AUG.2017 15:08:13

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 AUG.2017 15:10:48

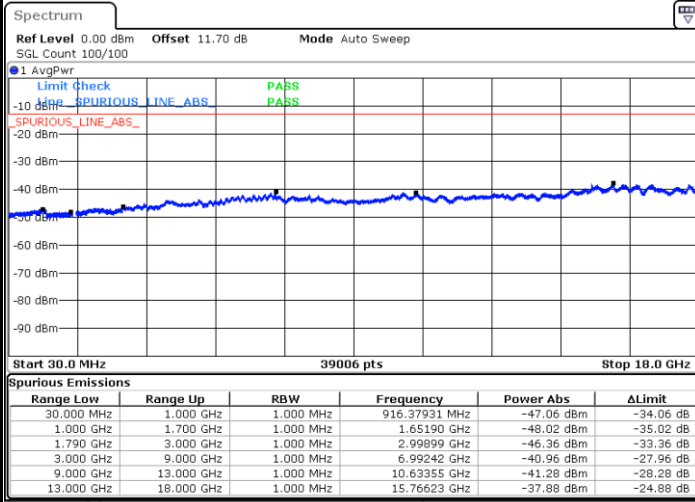


Date: 9 AUG.2017 15:11:42



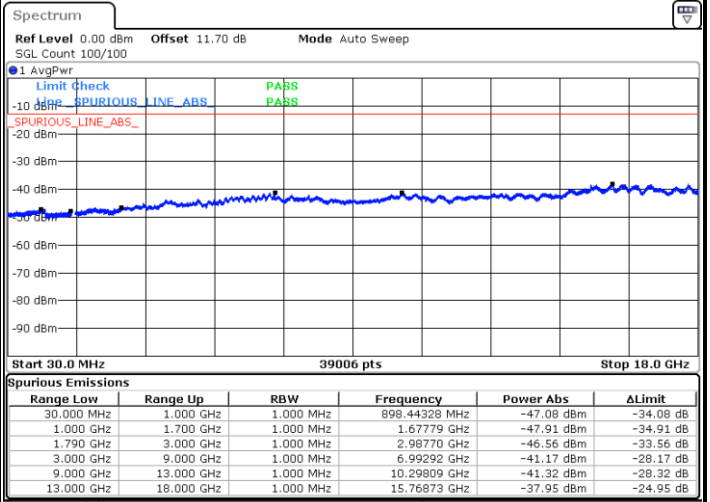
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 9 AUG.2017 15:17:52

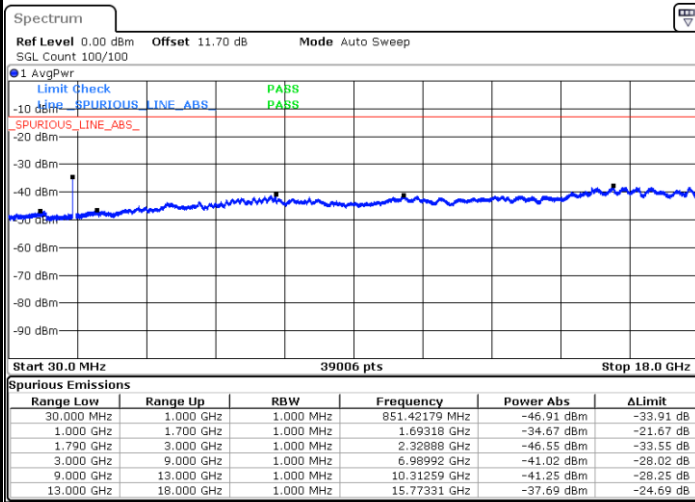
Highest Channel / 16QAM



Date: 9 AUG.2017 15:18:46

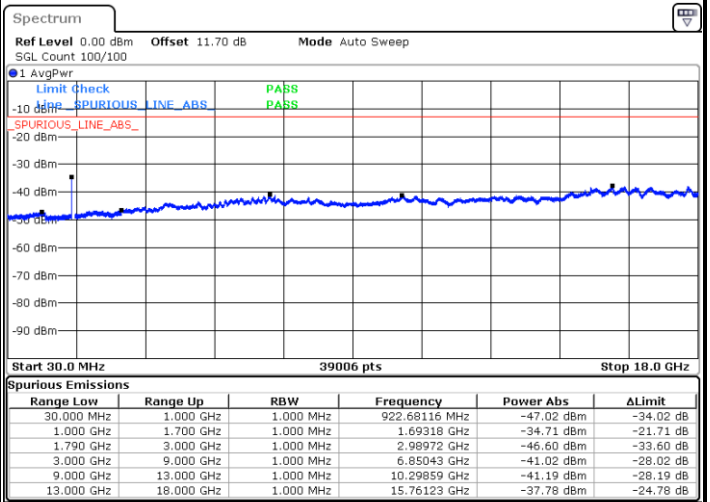
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 9 AUG.2017 15:24:56

Lowest Channel / 16QAM



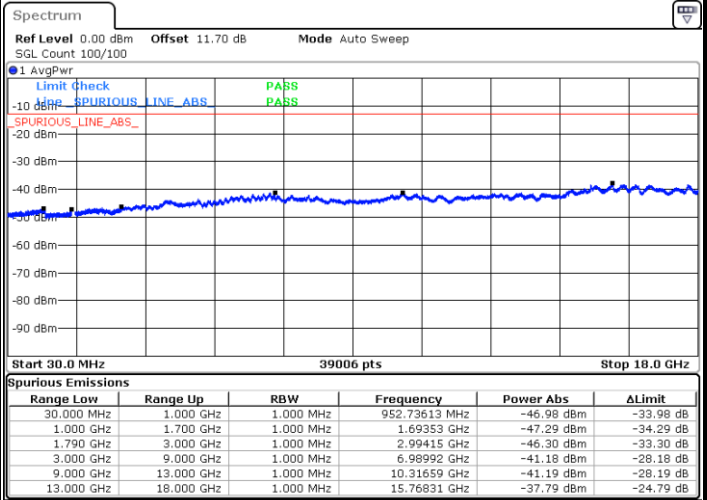
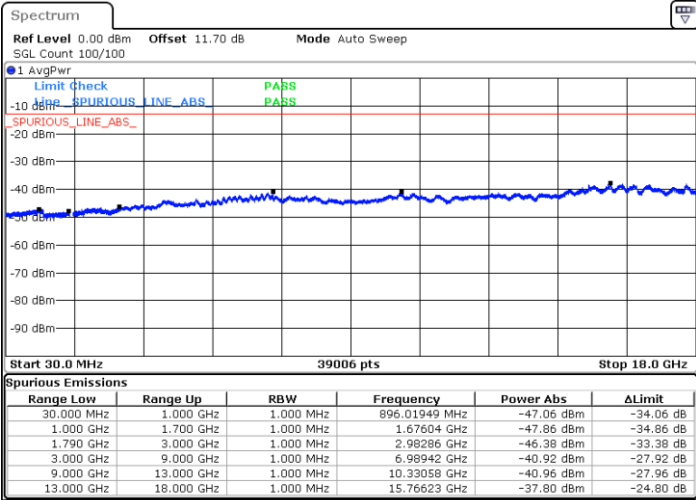
Date: 9 AUG.2017 15:25:50



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

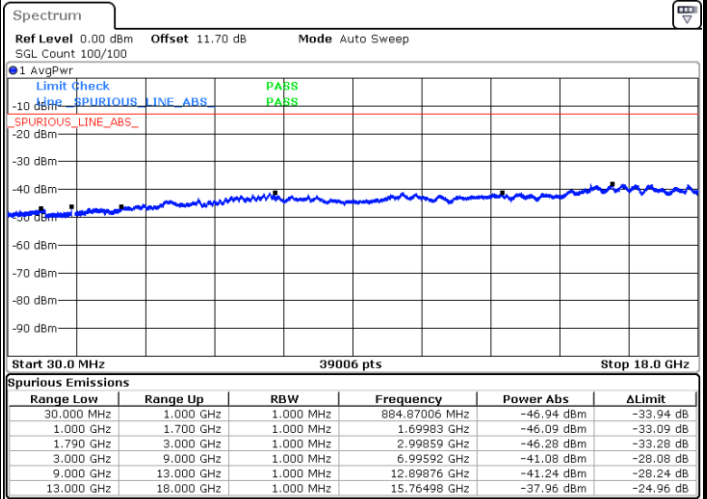
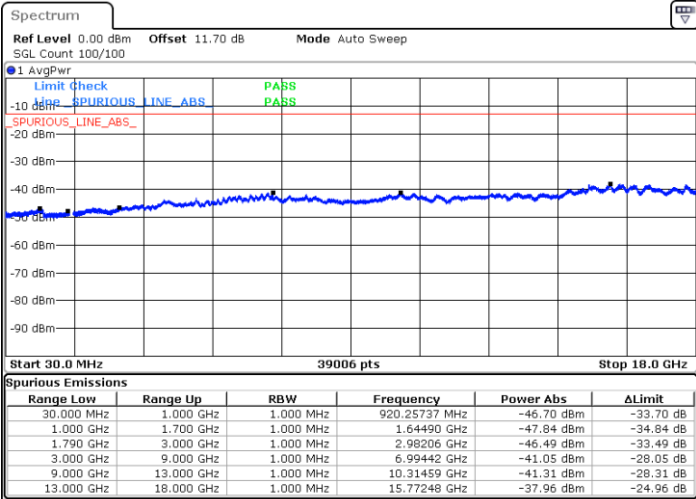


Date: 9 AUG.2017 15:27:25

Date: 9 AUG.2017 15:28:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 AUG.2017 15:34:29

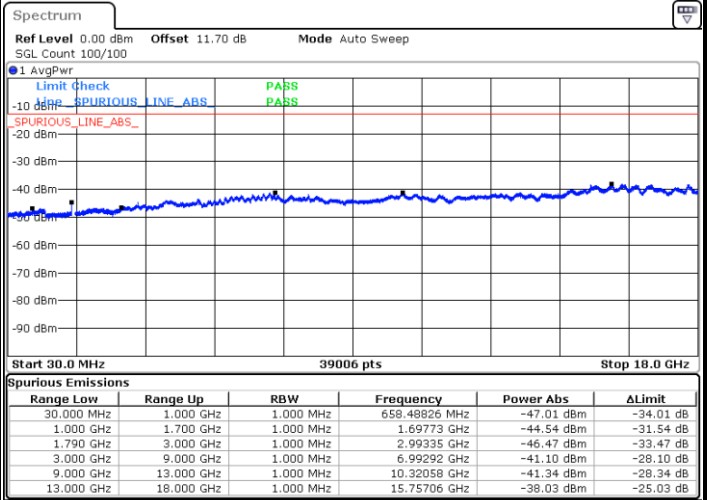
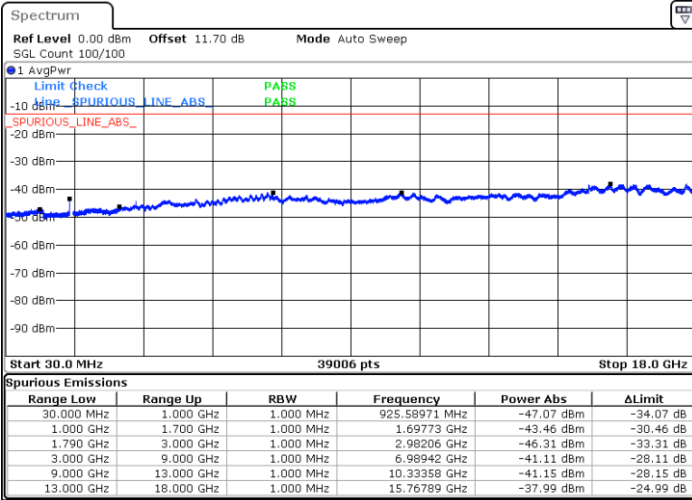
Date: 9 AUG.2017 15:35:24



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

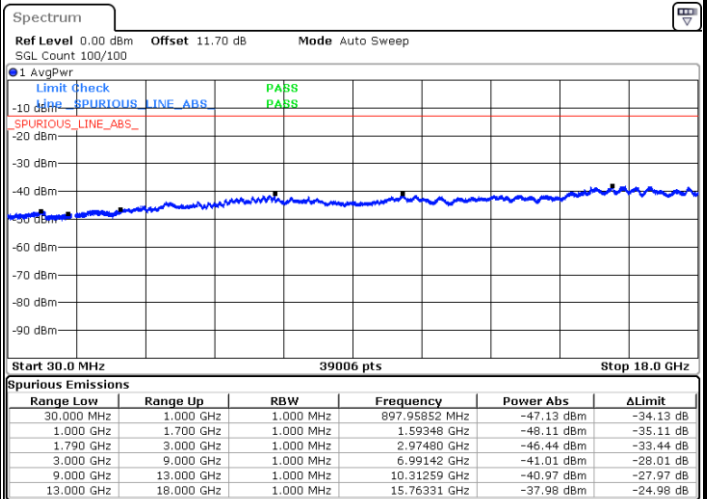
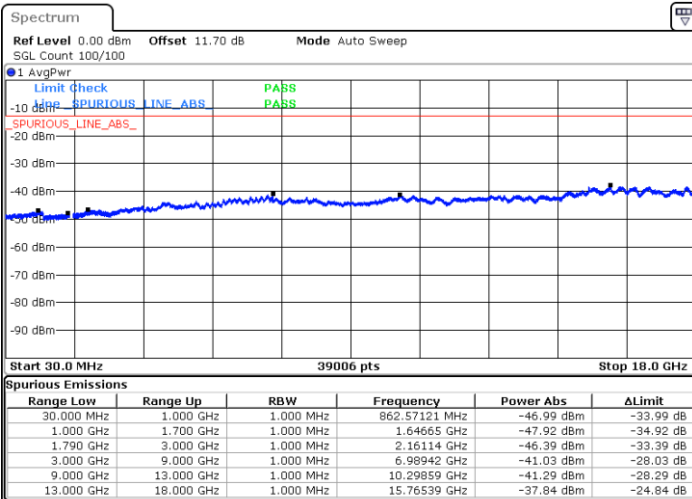


Date: 9 AUG.2017 15:41:33

Date: 9 AUG.2017 15:42:28

Middle Channel / QPSK

Middle Channel / 16QAM



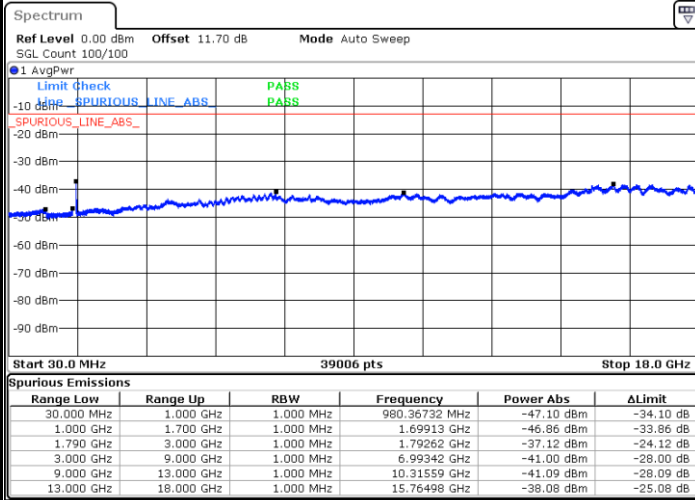
Date: 9 AUG.2017 15:44:02

Date: 9 AUG.2017 15:44:57



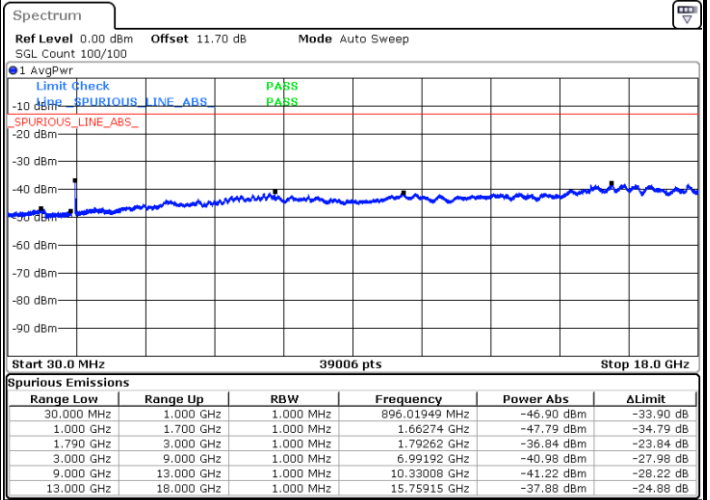
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 9 AUG.2017 15:51:06

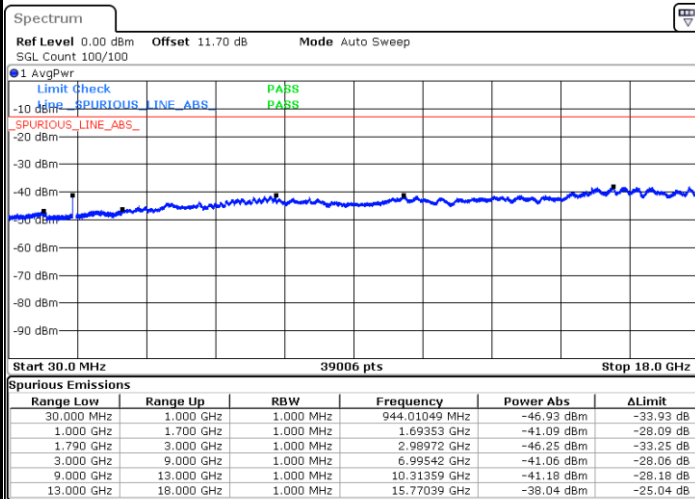
Highest Channel / 16QAM



Date: 9 AUG.2017 15:52:01

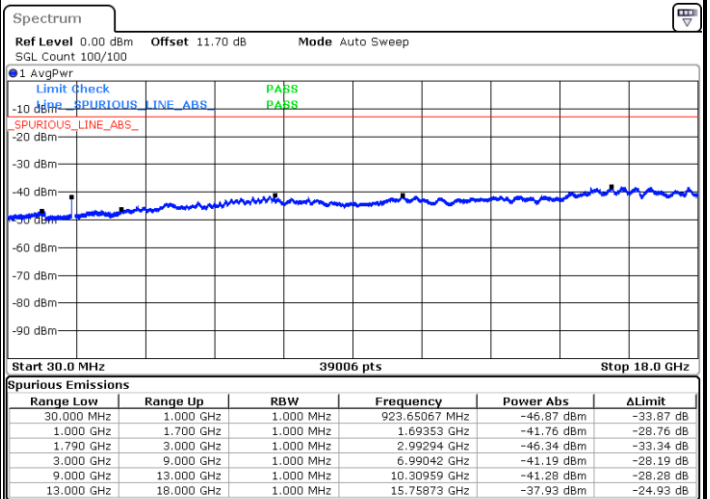
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 9 AUG.2017 15:58:11

Lowest Channel / 16QAM



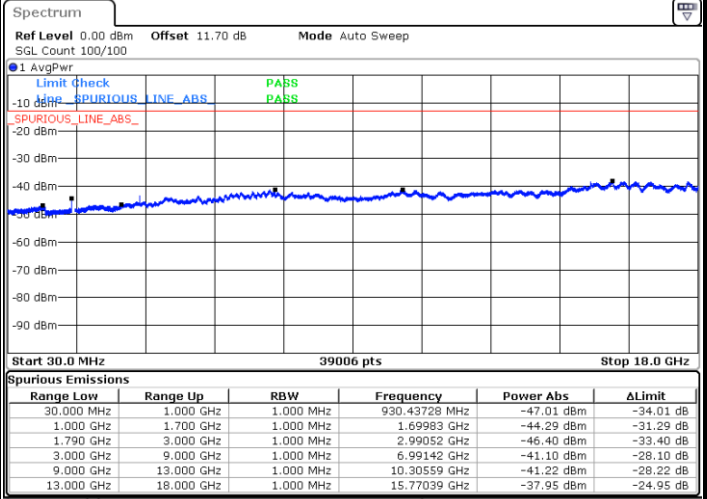
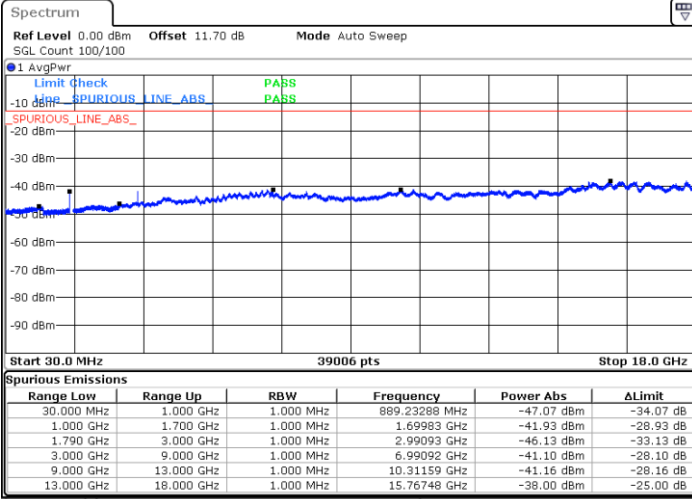
Date: 9 AUG.2017 15:58:05



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

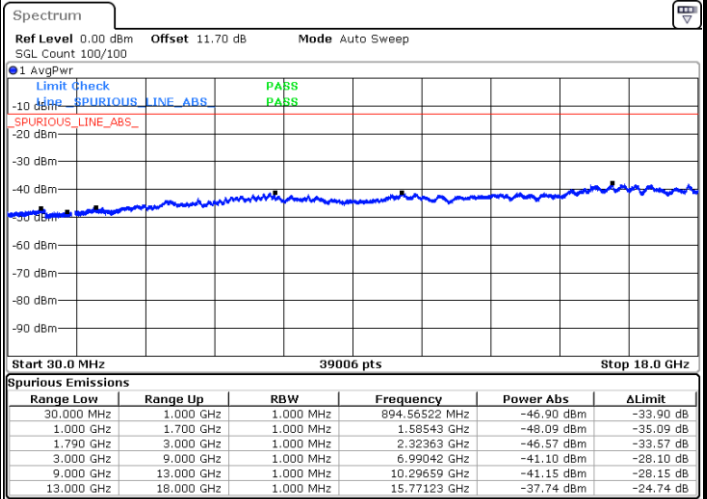
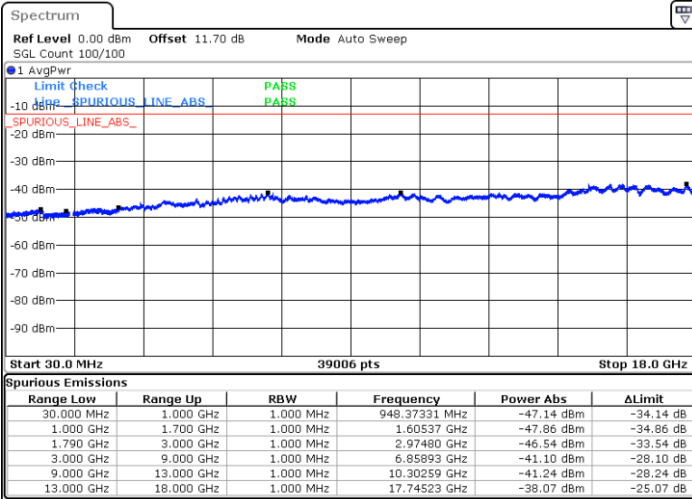


Date: 9 AUG.2017 16:00:40

Date: 9 AUG.2017 16:01:34

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 AUG.2017 16:07:44

Date: 9 AUG.2017 16:08:38





**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0081	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0090	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

**Note:**

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: 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 = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.45	0.1758	19.85	0.0966
Middle		3	1	21.84	0.1528	19.24	0.0839
Highest		3	1	21.61	0.1449	19.01	0.0796
Lowest	16QAM	3	1	21.49	0.1409	18.89	0.0774
Middle		3	1	21.67	0.1469	19.07	0.0807
Highest		3	1	20.86	0.1219	18.26	0.0670
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.08	0.1614	19.48	0.0887
Middle		1	0	22.44	0.1754	19.84	0.0964
Highest		1	0	22.28	0.1690	19.68	0.0929
Lowest	16QAM	1	14	21.34	0.1361	18.74	0.0748
Middle		1	14	21.76	0.1500	19.16	0.0824
Highest		1	14	21.19	0.1315	18.59	0.0723
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.34	0.1714	19.74	0.0942
Middle		1	0	22.29	0.1694	19.69	0.0931
Highest		1	0	22.44	0.1754	19.84	0.0964
Lowest	16QAM	1	0	21.35	0.1365	18.75	0.0750
Middle		1	0	21.58	0.1439	18.98	0.0791
Highest		1	0	20.93	0.1239	18.33	0.0681
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.25	0.1679	19.65	0.0923
Middle		1	0	22.42	0.1746	19.82	0.0959
Highest		1	0	22.45	0.1758	19.85	0.0966
Lowest	16QAM	1	49	21.52	0.1419	18.92	0.0780
Middle		1	49	21.82	0.1521	19.22	0.0836
Highest		1	49	21.07	0.1279	18.47	0.0703
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.31	0.1702	19.71	0.0935
Middle		1	74	22.16	0.1644	19.56	0.0904
Highest		1	74	21.84	0.1528	19.24	0.0839
Lowest	16QAM	1	0	21.50	0.1413	18.90	0.0776
Middle		1	0	21.36	0.1368	18.76	0.0752
Highest		1	0	21.06	0.1276	18.46	0.0701
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.42	0.1746	19.82	0.0959
Middle		1	0	22.45	0.1758	19.85	0.0966
Highest		1	0	22.46	0.1762	19.86	0.0968
Lowest	16QAM	1	99	21.69	0.1476	19.09	0.0811
Middle		1	99	21.85	0.1531	19.25	0.0841
Highest		1	99	21.26	0.1337	18.66	0.0735
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.47	0.2223	19.87	0.0971
Middle		3	3	23.46	0.2218	19.86	0.0968
Highest		3	3	23.40	0.2188	19.80	0.0955
Lowest	16QAM	1	5	22.69	0.1858	19.09	0.0811
Middle		1	5	22.62	0.1828	19.02	0.0798
Highest		1	5	22.61	0.1824	19.01	0.0796
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.53	0.2254	19.93	0.0984
Middle		1	0	23.54	0.2259	19.94	0.0986
Highest		1	0	23.48	0.2228	19.88	0.0973
Lowest	16QAM	1	0	22.78	0.1897	19.18	0.0828
Middle		1	0	22.85	0.1928	19.25	0.0841
Highest		1	0	22.74	0.1879	19.14	0.0820
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.56	0.2270	19.96	0.0991
Middle		1	12	23.55	0.2265	19.95	0.0989
Highest		1	12	23.48	0.2228	19.88	0.0973
Lowest	16QAM	1	24	22.82	0.1914	19.22	0.0836
Middle		1	24	22.76	0.1888	19.16	0.0824
Highest		1	24	22.74	0.1879	19.14	0.0820
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.39	0.2183	19.79	0.0953
Middle		1	0	23.42	0.2198	19.82	0.0959
Highest		1	0	23.38	0.2178	19.78	0.0951
Lowest	16QAM	1	0	22.60	0.1820	19.00	0.0794
Middle		1	0	22.65	0.1841	19.05	0.0804
Highest		1	0	22.66	0.1845	19.06	0.0805
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.51	0.2244	19.91	0.0979
Middle		1	0	23.54	0.2259	19.94	0.0986
Highest		1	0	23.51	0.2244	19.91	0.0979
Lowest	16QAM	1	0	22.71	0.1866	19.11	0.0815
Middle		1	0	22.79	0.1901	19.19	0.0830
Highest		1	0	22.72	0.1871	19.12	0.0817
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.64	0.2312	20.04	0.1009
Middle		1	0	23.68	0.2333	20.08	0.1019
Highest		1	0	23.66	0.2323	20.06	0.1014
Lowest	16QAM	1	0	22.84	0.1923	19.24	0.0839
Middle		1	0	22.90	0.1950	19.30	0.0851
Highest		1	0	22.84	0.1923	19.24	0.0839
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -5.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	23.41	0.2193	16.06	0.0404
Middle		3	3	22.92	0.1959	15.57	0.0361
Highest		3	3	23.05	0.2018	15.70	0.0372
Lowest	16QAM	1	5	22.41	0.1742	15.06	0.0321
Middle		1	5	22.09	0.1618	14.74	0.0298
Highest		1	5	22.08	0.1614	14.73	0.0297
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -5.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.42	0.2198	16.07	0.0405
Middle		1	0	22.95	0.1972	15.60	0.0363
Highest		1	0	23.04	0.2014	15.69	0.0371
Lowest	16QAM	1	14	22.50	0.1778	15.15	0.0327
Middle		1	14	22.23	0.1671	14.88	0.0308
Highest		1	14	22.18	0.1652	14.83	0.0304
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -5.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.44	0.2208	16.09	0.0406
Middle		1	12	22.94	0.1968	15.59	0.0362
Highest		1	12	23.03	0.2009	15.68	0.0370
Lowest	16QAM	1	0	22.43	0.1750	15.08	0.0322
Middle		1	0	22.20	0.1660	14.85	0.0305
Highest		1	0	22.23	0.1671	14.88	0.0308
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -5.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.47	0.2223	16.12	0.0409
Middle		1	0	23.01	0.2000	15.66	0.0368
Highest		1	0	22.95	0.1972	15.60	0.0363
Lowest	16QAM	1	0	22.42	0.1746	15.07	0.0321
Middle		1	0	22.36	0.1722	15.01	0.0317
Highest		1	0	22.20	0.1660	14.85	0.0305
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	21.74	0.1493	17.24	0.0530
Middle		1	24	21.94	0.1563	17.44	0.0555
Highest		1	24	22.23	0.1671	17.73	0.0593
Lowest	16QAM	1	12	21.07	0.1279	16.57	0.0454
Middle		1	12	21.28	0.1343	16.78	0.0476
Highest		1	12	20.74	0.1186	16.24	0.0421
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.87	0.1538	17.37	0.0546
Middle		1	0	21.98	0.1578	17.48	0.0560
Highest		1	0	22.22	0.1667	17.72	0.0592
Lowest	16QAM	1	49	21.07	0.1279	16.57	0.0454
Middle		1	49	21.34	0.1361	16.84	0.0483
Highest		1	49	20.41	0.1099	15.91	0.0390
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	21.76	0.1500	17.26	0.0532
Middle		1	37	21.94	0.1563	17.44	0.0555
Highest		1	37	22.20	0.1660	17.70	0.0589
Lowest	16QAM	1	0	21.24	0.1330	16.74	0.0472
Middle		1	0	21.33	0.1358	16.83	0.0482
Highest		1	0	21.48	0.1406	16.98	0.0499
Limit	EIRP < 2W			Result		PASS	





LTE Band 7 / 20MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.14	0.1637	17.64	0.0581
Middle		1	0	22.20	0.1660	17.70	0.0589
Highest		1	0	22.30	0.1698	17.80	0.0603
Lowest	16QAM	1	99	21.35	0.1365	16.85	0.0484
Middle		1	99	21.55	0.1429	17.05	0.0507
Highest		1	99	21.96	0.1570	17.46	0.0557
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -6.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	23.42	0.2198	14.97	0.0314
Middle		3	3	23.38	0.2178	14.93	0.0311
Highest		3	3	23.33	0.2153	14.88	0.0308
Lowest	16QAM	1	5	22.50	0.1778	14.05	0.0254
Middle		1	5	22.46	0.1762	14.01	0.0252
Highest		1	5	22.52	0.1786	14.07	0.0255
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -6.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.46	0.2218	15.01	0.0317
Middle		1	0	23.44	0.2208	14.99	0.0316
Highest		1	0	23.40	0.2188	14.95	0.0313
Lowest	16QAM	1	14	22.65	0.1841	14.20	0.0263
Middle		1	14	22.57	0.1807	14.12	0.0258
Highest		1	14	22.59	0.1816	14.14	0.0259
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -6.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.48	0.2228	15.03	0.0318
Middle		1	12	23.42	0.2198	14.97	0.0314
Highest		1	12	23.38	0.2178	14.93	0.0311
Lowest	16QAM	1	12	22.70	0.1862	14.25	0.0266
Middle		1	12	22.62	0.1828	14.17	0.0261
Highest		1	12	22.57	0.1807	14.12	0.0258
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -6.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.57	0.2275	15.12	0.0325
Middle		1	0	23.59	0.2286	15.14	0.0327
Highest		1	0	23.56	0.2270	15.11	0.0324
Lowest	16QAM	1	0	22.73	0.1875	14.28	0.0268
Middle		1	0	22.72	0.1871	14.27	0.0267
Highest		1	0	22.74	0.1879	14.29	0.0269
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.38	0.2178	15.63	0.0366
Middle		1	0	23.19	0.2084	15.44	0.0350
Highest		1	0	23.40	0.2188	15.65	0.0367
Lowest	16QAM	1	12	22.23	0.1671	14.48	0.0281
Middle		1	12	22.39	0.1734	14.64	0.0291
Highest		1	12	22.74	0.1879	14.99	0.0316
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.64	0.2312	15.89	0.0388
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	22.86	0.1932	15.11	0.0324
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -6.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.36	0.2168	14.51	0.0282
Middle		1	12	23.32	0.2148	14.47	0.0280
Highest		1	12	23.30	0.2138	14.45	0.0279
Lowest	16QAM	1	12	22.51	0.1782	13.66	0.0232
Middle		1	12	22.55	0.1799	13.70	0.0234
Highest		1	12	22.51	0.1782	13.66	0.0232
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -6.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.51	0.2244	14.66	0.0292
Middle		1	0	23.52	0.2249	14.67	0.0293
Highest		1	0	23.50	0.2239	14.65	0.0292
Lowest	16QAM	1	0	22.68	0.1854	13.83	0.0242
Middle		1	0	22.71	0.1866	13.86	0.0243
Highest		1	0	22.67	0.1849	13.82	0.0241
Limit	ERP < 3W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.77	0.2382	20.17	0.1040
Middle		3	3	23.43	0.2203	19.83	0.0962
Highest		3	3	23.19	0.2084	19.59	0.0910
Lowest	16QAM	1	0	22.97	0.1982	19.37	0.0865
Middle		1	0	22.56	0.1803	18.96	0.0787
Highest		1	0	22.35	0.1718	18.75	0.0750
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.83	0.2415	20.23	0.1054
Middle		1	0	23.48	0.2228	19.88	0.0973
Highest		1	0	23.23	0.2104	19.63	0.0918
Lowest	16QAM	1	8	22.99	0.1991	19.39	0.0869
Middle		1	8	22.63	0.1832	19.03	0.0800
Highest		1	8	22.38	0.1730	18.78	0.0755
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.78	0.2388	20.18	0.1042
Middle		1	0	23.43	0.2203	19.83	0.0962
Highest		1	0	23.17	0.2075	19.57	0.0906
Lowest	16QAM	1	0	23.00	0.1995	19.40	0.0871
Middle		1	0	22.68	0.1854	19.08	0.0809
Highest		1	0	22.42	0.1746	18.82	0.0762
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.86	0.2432	20.26	0.1062
Middle		1	0	23.52	0.2249	19.92	0.0982
Highest		1	0	23.21	0.2094	19.61	0.0914
Lowest	16QAM	1	0	22.95	0.1972	19.35	0.0861
Middle		1	0	22.71	0.1866	19.11	0.0815
Highest		1	0	22.41	0.1742	18.81	0.0760
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.88	0.2443	20.28	0.1067
Middle		1	0	23.58	0.2280	19.98	0.0995
Highest		1	0	23.30	0.2138	19.70	0.0933
Lowest	16QAM	1	74	22.92	0.1959	19.32	0.0855
Middle		1	74	22.73	0.1875	19.13	0.0818
Highest		1	74	22.60	0.1820	19.00	0.0794
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.00	0.2512	20.40	0.1096
Middle		1	0	23.74	0.2366	20.14	0.1033
Highest		1	0	23.52	0.2249	19.92	0.0982
Lowest	16QAM	1	0	22.98	0.1986	19.38	0.0867
Middle		1	0	22.93	0.1963	19.33	0.0857
Highest		1	0	22.32	0.1706	18.72	0.0745
Limit	EIRP < 1W			Result		PASS	



## **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	-53.27	-13	-40.27	-74.1	-59.84	1.67	8.24	H
	5548	-53.13	-13	-40.13	-80.11	-60.2	2.65	9.72	H
	7403	-45.98	-13	-32.98	-79.53	-55.13	2.46	11.61	H
	9251	-42.23	-13	-29.23	-80	-52.29	2.54	12.60	H
	11102	-36.54	-13	-23.54	-78.85	-46.31	2.69	12.46	H
	12955	-33.27	-13	-20.27	-77.18	-43.3	2.92	12.95	H
	14807	-29.79	-13	-16.79	-77.61	-39.64	3.52	13.37	H
	3700	-52.52	-13	-39.52	-73.35	-59.09	1.67	8.24	V
	5548	-50.94	-13	-37.94	-77.92	-58.01	2.65	9.72	V
	7403	-45.25	-13	-32.25	-78.8	-54.4	2.46	11.61	V
	9251	-41.90	-13	-28.90	-79.67	-51.96	2.54	12.60	V
	11102	-37.86	-13	-24.86	-80.17	-47.63	2.69	12.46	V
	12955	-36.09	-13	-23.09	-80	-46.12	2.92	12.95	V
	14807	-31.82	-13	-18.82	-79.64	-41.67	3.52	13.37	V
Middle	3756	-54.04	-13	-41.04	-74.93	-60.66	1.68	8.31	H
	5639	-52.59	-13	-39.59	-79.81	-59.64	2.71	9.76	H
	7522	-44.96	-13	-31.96	-78.71	-54.35	2.42	11.81	H
	9398	-40.77	-13	-27.77	-79.39	-50.74	2.57	12.54	H
	11273	-37.87	-13	-24.87	-80.18	-47.58	2.68	12.39	H
	13154	-32.27	-13	-19.27	-76.81	-42.52	2.97	13.22	H
	15035	-30.86	-13	-17.86	-78.96	-40.9	3.61	13.65	H
	3756	-51.45	-13	-38.45	-72.34	-58.07	1.68	8.31	V
	5639	-49.65	-13	-36.65	-76.87	-56.7	2.71	9.76	V
	7522	-44.27	-13	-31.27	-78.02	-53.66	2.42	11.81	V
	9398	-41.79	-13	-28.79	-80.41	-51.76	2.57	12.54	V
	11273	-38.97	-13	-25.97	-81.28	-48.68	2.68	12.39	V
	13154	-35.30	-13	-22.30	-79.84	-45.55	2.97	13.22	V
15035	-32.97	-13	-19.97	-81.07	-43.01	3.61	13.65	V	
Highest	3819	-54.15	-13	-41.15	-75.14	-60.83	1.70	8.38	H
	5730	-51.57	-13	-38.57	-79.06	-58.6	2.76	9.79	H
	7634	-43.23	-13	-30.23	-77.14	-52.72	2.39	11.88	H
	11454	-37.11	-13	-24.11	-79.44	-46.75	2.68	12.32	H
	13363	-33.22	-13	-20.22	-78.1	-43.71	3.02	13.51	H
									H
	3819	-51.76	-13	-38.76	-72.75	-58.44	1.70	8.38	V
	5730	-49.84	-13	-36.84	-77.33	-56.87	2.76	9.79	V
	7634	-41.77	-13	-28.77	-75.69	-51.26	2.39	11.88	V
	11454	-38.39	-13	-25.39	-80.72	-48.03	2.68	12.32	V
	13363	-35.51	-13	-22.51	-80.39	-46	3.02	13.51	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	3700	-52.99	-13	-39.99	-73.82	-59.56	1.67	8.24	H
	5548	-53.01	-13	-40.01	-79.99	-60.08	2.65	9.72	H
	7403	-45.70	-13	-32.70	-79.25	-54.85	2.46	11.61	H
	9251	-42.22	-13	-29.22	-79.99	-52.28	2.54	12.60	H
	11102	-35.97	-13	-22.97	-78.28	-45.74	2.69	12.46	H
	12955	-32.48	-13	-19.48	-76.39	-42.51	2.92	12.95	H
	14807	-30.91	-13	-17.91	-78.73	-40.76	3.52	13.37	H
	3700	-53.19	-13	-40.19	-74.02	-59.76	1.67	8.24	V
	5548	-50.79	-13	-37.79	-77.77	-57.86	2.65	9.72	V
	7403	-45.50	-13	-32.50	-79.05	-54.65	2.46	11.61	V
	9251	-41.23	-13	-28.23	-79	-51.29	2.54	12.60	V
	11102	-37.93	-13	-24.93	-80.24	-47.7	2.69	12.46	V
	12955	-36.00	-13	-23.00	-79.91	-46.03	2.92	12.95	V
14807	-29.30	-13	-16.30	-77.12	-39.15	3.52	13.37	V	
Middle	3756	-53.11	-13	-40.11	-74	-59.73	1.68	8.31	H
	5639	-52.36	-13	-39.36	-79.58	-59.41	2.71	9.76	H
	7515	-45.08	-13	-32.08	-78.8	-54.46	2.42	11.81	H
	9391	-40.21	-13	-27.21	-78.83	-50.19	2.57	12.54	H
	11273	-37.03	-13	-24.03	-79.34	-46.74	2.68	12.39	H
	13154	-31.54	-13	-18.54	-76.08	-41.79	2.97	13.22	H
	15035	-31.93	-13	-18.93	-80.03	-41.97	3.61	13.65	H
	3756	-50.62	-13	-37.62	-71.51	-57.24	1.68	8.31	V
	5639	-50.09	-13	-37.09	-77.31	-57.14	2.71	9.76	V
	7515	-43.81	-13	-30.81	-77.53	-53.19	2.42	11.81	V
	9391	-41.06	-13	-28.06	-79.68	-51.04	2.57	12.54	V
	11273	-38.76	-13	-25.76	-81.07	-48.47	2.68	12.39	V
	13154	-35.39	-13	-22.39	-79.93	-45.64	2.97	13.22	V
15035	-33.00	-13	-20.00	-81.1	-43.04	3.61	13.65	V	
Highest	3812	-53.20	-13	-40.20	-74.16	-59.87	1.70	8.37	H
	5723	-52.25	-13	-39.25	79.74	-59.29	2.75	9.79	H
	7627	-43.02	-13	-30.02	76.93	-52.51	2.39	11.88	H
	9538	-39.18	-13	-26.18	78.42	-49.06	2.60	12.48	H
	11444	-37.06	-13	-24.06	-79.38	-46.7	2.68	12.32	H
	13354	-31.68	-13	-18.68	-76.56	-42.16	3.02	13.50	H
									H
	3812	-51.33	-13	-38.33	-72.29	-58	1.70	8.37	V
	5723	-48.88	-13	-35.88	-76.37	-55.92	2.75	9.79	V
	7627	-41.44	-13	-28.44	-75.35	-50.93	2.39	11.88	V
	9538	-41.01	-13	-28.01	-80.25	-50.89	2.60	12.48	V
	11444	-38.29	-13	-25.29	-80.61	-47.93	2.68	12.32	V
	13354	-35.45	-13	-22.45	-80.33	-45.93	3.02	13.50	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	-52.57	-13	-39.57	-73.4	-59.14	1.67	8.24	H
	5548	-53.10	-13	-40.10	-80.08	-60.17	2.65	9.72	H
	7403	-45.22	-13	-32.22	-78.77	-54.37	2.46	11.61	H
	9251	-41.73	-13	-28.73	-79.5	-51.79	2.54	12.60	H
	11102	-35.27	-13	-22.27	-77.58	-45.04	2.69	12.46	H
	12955	-32.34	-13	-19.34	-76.25	-42.37	2.92	12.95	H
	14807	-28.44	-13	-15.44	-76.26	-38.29	3.52	13.37	H
	3700	-53.23	-13	-40.23	-74.06	-59.8	1.67	8.24	V
	5548	-50.94	-13	-37.94	-77.92	-58.01	2.65	9.72	V
	7403	-45.27	-13	-32.27	-78.82	-54.42	2.46	11.61	V
	9251	-40.98	-13	-27.98	-78.75	-51.04	2.54	12.60	V
	11102	-37.90	-13	-24.90	-80.21	-47.67	2.69	12.46	V
	12955	-35.37	-13	-22.37	-79.28	-45.4	2.92	12.95	V
	14807	-31.75	-13	-18.75	-79.57	-41.6	3.52	13.37	V
Middle	3756	-50.69	-13	-37.69	-71.58	-57.31	1.68	8.31	H
	5632	-51.90	-13	-38.90	-79.07	-58.95	2.70	9.75	H
	7508	-45.24	-13	-32.24	-78.97	-54.62	2.43	11.80	H
	9391	-40.69	-13	-27.69	-79.31	-50.67	2.57	12.54	H
	11264	-37.60	-13	-24.60	-79.91	-47.31	2.68	12.39	H
	13145	-31.61	-13	-18.61	-76.12	-41.85	2.97	13.20	H
	15026	-30.94	-13	-17.94	-79.1	-40.97	3.61	13.64	H
	3756	-47.83	-13	-34.83	-68.72	-54.45	1.68	8.31	V
	5632	-50.25	-13	-37.25	-77.42	-57.3	2.70	9.75	V
	7508	-44.30	-13	-31.30	-78.03	-53.68	2.43	11.80	V
	9391	-40.92	-13	-27.92	-79.54	-50.9	2.57	12.54	V
	11264	-38.74	-13	-25.74	-81.05	-48.45	2.68	12.39	V
	13145	-35.37	-13	-22.37	-79.88	-45.61	2.97	13.20	V
	15026	-32.53	-13	-19.53	-80.69	-42.56	3.61	13.64	V
Highest	3812	-51.52	-13	-38.52	-72.48	-58.19	1.70	8.37	H
	5716	-51.90	-13	-38.90	-79.33	-58.94	2.75	9.79	H
	7620	-43.00	-13	-30.00	-76.87	-52.48	2.39	11.87	H
	9524	-40.43	-13	-27.43	-79.64	-50.32	2.59	12.49	H
	13335	-32.20	-13	-19.20	-77.05	-42.65	3.01	13.47	H
									H
									H
	3812	-51.24	-13	-38.24	-72.2	-57.91	1.70	8.37	V
	5716	-48.87	-13	-35.87	-76.3	-55.91	2.75	9.79	V
	7620	-41.23	-13	-28.23	-75.1	-50.71	2.39	11.87	V
	9524	-41.81	-13	-28.81	-80.46	-51.7	2.59	12.49	V
	13335	-34.91	-13	-21.91	-79.76	-45.36	3.01	13.47	V
									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	-56.36	-13	-43.36	-77.19	-62.93	1.67	8.24	H
	5555	-52.94	-13	-39.94	-79.92	-60.01	2.66	9.72	H
	7403	-46.26	-13	-33.26	-79.81	-55.41	2.46	11.61	H
	9251	-42.56	-13	-29.56	-80.33	-52.62	2.54	12.60	H
	11102	-36.11	-13	-23.11	-78.42	-45.88	2.69	12.46	H
	12955	-34.35	-13	-21.35	-78.26	-44.38	2.92	12.95	H
	14807	-30.54	-13	-17.54	-78.36	-40.39	3.52	13.37	H
	3700	-55.55	-13	-42.55	-76.38	-62.12	1.67	8.24	V
	5555	-51.69	-13	-38.69	-78.67	-58.76	2.66	9.72	V
	7403	-45.29	-13	-32.29	-78.84	-54.44	2.46	11.61	V
	9251	-41.98	-13	-28.98	-79.75	-52.04	2.54	12.60	V
	11102	-37.89	-13	-24.89	-80.2	-47.66	2.69	12.46	V
	12955	-34.09	-13	-21.09	-78	-44.12	2.92	12.95	V
14807	-33.04	-13	-20.04	-80.86	-42.89	3.52	13.37	V	
Middle	3749	-54.54	-13	-41.54	-75.43	-61.16	1.68	8.30	H
	5625	-52.53	-13	-39.53	-79.7	-59.58	2.70	9.75	H
	7501	-45.28	-13	-32.28	-78.98	-54.65	2.43	11.80	H
	9377	-41.45	-13	-28.45	-79.97	-51.44	2.56	12.55	H
	11254	-37.12	-13	-24.12	-79.44	-46.83	2.69	12.40	H
	13125	-31.23	-13	-18.23	-75.7	-41.44	2.96	13.18	H
	15006	-30.66	-13	-17.66	-78.87	-40.67	3.60	13.61	H
	3749	-49.67	-13	-36.67	-70.56	-56.29	1.68	8.30	V
	5625	-50.73	-13	-37.73	-77.9	-57.78	2.70	9.75	V
	7501	-44.90	-13	-31.90	-78.6	-54.27	2.43	11.80	V
	9377	-41.28	-13	-28.28	-79.8	-51.27	2.56	12.55	V
	11254	-38.00	-13	-25.00	-80.32	-47.71	2.69	12.40	V
	13125	-35.48	-13	-22.48	-79.95	-45.69	2.96	13.18	V
15006	-32.19	-13	-19.19	-80.4	-42.2	3.60	13.61	V	
Highest	3798	-50.79	-13	-37.79	-71.75	-57.45	1.70	8.36	H
	5702	-52.25	-13	-39.25	-79.69	-59.29	2.74	9.78	H
	7606	-44.16	-13	-31.16	-78.04	-53.63	2.40	11.86	H
	9503	-40.01	-13	-27.01	-79.19	-49.92	2.59	12.50	H
	11406	-36.70	-13	-23.70	-79.02	-46.35	2.68	12.34	H
	13306	-33.38	-13	-20.38	-78.18	-43.8	3.01	13.43	H
	15206	-32.97	-13	-19.97	-80.52	-43.17	3.68	13.89	H
	3798	-50.27	-13	-37.27	-71.23	-56.93	1.70	8.36	V
	5702	-49.36	-13	-36.36	-76.8	-56.4	2.74	9.78	V
	7606	-43.11	-13	-30.11	-76.99	-52.58	2.40	11.86	V
	9503	-41.02	-13	-28.02	-80.2	-50.93	2.59	12.50	V
	11406	-38.28	-13	-25.28	-80.6	-47.93	2.68	12.34	V
	13306	-35.13	-13	-22.13	-79.93	-45.55	3.01	13.43	V
15206	-33.59	-13	-20.59	-81.14	-43.79	3.68	13.89	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	3700	-54.86	-13	-41.86	-75.49	-61.43	1.67	8.24	H
	5555	-53.33	-13	-40.33	-80.31	-60.4	2.66	9.72	H
	7403	-45.72	-13	-32.72	-79.26	-54.87	2.46	11.61	H
	9258	-42.63	-13	-29.63	-80.49	-52.69	2.54	12.60	H
	11102	-34.89	-13	-21.89	-77.2	-44.66	2.69	12.46	H
	12955	-32.36	-13	-19.36	-76.27	-42.39	2.92	12.95	H
	14807	-29.45	-13	-16.45	-77.27	-39.3	3.52	13.37	H
	3700	-54.95	-13	-41.95	-75.78	-61.52	1.67	8.24	V
	5548	-51.10	-13	-38.10	-78.08	-58.17	2.65	9.72	V
	7400	-44.82	-13	-31.82	-78.37	-53.96	2.46	11.60	V
	9250	-41.29	-13	-28.29	-79.14	-51.35	2.54	12.60	V
	11102	-37.57	-13	-24.57	-79.88	-47.34	2.69	12.46	V
12955	-34.02	-13	-21.02	-77.93	-44.05	2.92	12.95	V	
14807	-31.70	-13	-18.70	-79.52	-41.55	3.52	13.37	V	
Middle	3749	-54.04	-13	-41.04	-74.93	-60.66	1.68	8.30	H
	5618	-52.06	-13	-39.06	79.23	-59.11	2.69	9.75	H
	7494	-45.38	-13	-32.38	79.08	-54.74	2.43	11.79	H
	9370	-39.81	-13	-26.81	-78.24	-49.8	2.56	12.55	H
	11245	-36.74	-13	-23.74	-79.06	-46.46	2.69	12.40	H
	13116	-32.43	-13	-19.43	-76.9	-42.63	2.96	13.16	H
	14988	-31.32	-13	-18.32	-79.5	-41.31	3.59	13.59	H
	3749	-49.57	-13	-36.57	-70.46	-56.19	1.68	8.30	V
	5618	-50.81	-13	-37.81	-77.98	-57.86	2.69	9.75	V
	7494	-44.87	-13	-31.87	-78.57	-54.23	2.43	11.79	V
	9370	-39.81	-13	-26.81	-78.24	-49.8	2.56	12.55	V
	11245	-38.00	-13	-25.00	-80.32	-47.72	2.69	12.40	V
13116	-34.69	-13	-21.69	-79.16	-44.89	2.96	13.16	V	
14988	-32.87	-13	-19.87	-81.05	-42.86	3.59	13.59	V	
Highest	3791	-52.86	-13	-39.86	-73.8	-59.51	1.70	8.35	H
	5688	-51.79	-13	-38.79	-79.17	-58.83	2.73	9.78	H
	7585	-44.52	-13	-31.52	-78.35	-53.97	2.40	11.85	H
	9482	-40.07	-13	-27.07	-79.15	-49.99	2.59	12.51	H
	11378	-36.24	-13	-23.24	-78.56	-45.9	2.68	12.35	H
	13268	-32.89	-13	-19.89	-77.63	-43.27	3.00	13.38	H
	15168	-32.50	-13	-19.50	-80.21	-42.67	3.67	13.84	H
	3791	-50.20	-13	-37.20	-71.14	-56.85	1.70	8.35	V
	5688	-49.48	-13	-36.48	-76.86	-56.52	2.73	9.78	V
	7585	-42.94	-13	-29.94	-76.77	-52.39	2.40	11.85	V
	9482	-40.62	-13	-27.62	-79.7	-50.54	2.59	12.51	V
	11378	-38.57	-13	-25.57	-80.89	-48.23	2.68	12.35	V
13268	-34.98	-13	-21.98	-79.72	-45.36	3.00	13.38	V	
15168	-32.94	-13	-19.94	-80.65	-43.11	3.67	13.84	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	-54.21	-13	-41.21	-75.04	-60.78	1.67	8.24	H
	5555	-53.19	-13	-40.19	-80.17	-60.26	2.66	9.72	H
	7403	-45.49	-13	-32.49	-79.04	-54.64	2.46	11.61	H
	9258	-43.12	-13	-30.12	-80.97	-53.18	2.54	12.60	H
	11102	-36.20	-13	-23.20	-78.51	-45.97	2.69	12.46	H
	12954	-33.23	-13	-20.23	-77.14	-43.26	2.92	12.94	H
	14807	-29.78	-13	-16.78	-77.6	-39.63	3.52	13.37	H
	3700	-53.61	-13	-40.61	-74.44	-60.18	1.67	8.24	V
	5555	-51.06	-13	-38.06	-78.04	-58.13	2.66	9.72	V
	7403	-45.17	-13	-32.17	-78.752	-54.32	2.46	11.61	V
	9258	-41.65	-13	-28.65	-79.5	-51.71	2.54	12.60	V
	11102	-37.75	-13	-24.75	-80.06	-47.52	2.69	12.46	V
	12954	-35.62	-13	-22.62	-79.53	-45.65	2.92	12.94	V
14807	-31.10	-13	-18.10	-78.92	-40.95	3.52	13.37	V	
Middle	3742	-49.07	-13	-36.07	-69.94	-55.68	1.68	8.29	H
	5611	-51.87	-13	-38.87	-78.99	-58.93	2.69	9.74	H
	7487	-44.82	-13	-31.82	-78.54	-54.16	2.43	11.77	H
	9356	-39.58	-13	-26.58	-78	-49.58	2.56	12.56	H
	11226	-35.49	-13	-22.49	-77.81	-45.21	2.69	12.41	H
	13097	-31.26	-13	-18.26	-75.7	-41.44	2.95	13.14	H
	14969	-30.73	-13	-17.73	-78.87	-40.71	3.59	13.56	H
	3742	-46.08	-13	-33.08	-66.95	-52.69	1.68	8.29	V
	5611	-49.54	-13	-36.54	-76.66	-56.6	2.69	9.74	V
	7487	-44.10	-13	-31.10	-77.82	-53.44	2.43	11.77	V
	9356	-39.86	-13	-26.86	-78.28	-49.86	2.56	12.56	V
	11226	-38.09	-13	-25.09	-80.41	-47.81	2.69	12.41	V
	13097	-35.86	-13	-22.86	-80.3	-46.04	2.95	13.14	V
14969	-32.49	-13	-19.49	-80.63	-42.47	3.59	13.56	V	
Highest	3784	-54.19	-13	-41.19	-75.13	-60.84	1.69	8.34	H
	5674	-52.22	-13	-39.22	-79.55	-59.26	2.73	9.77	H
	7564	-44.02	-13	-31.02	-77.82	-53.45	2.41	11.84	H
	9454	-41.06	-13	-28.06	-79.95	-51	2.58	12.52	H
	11349	-37.18	-13	-24.18	-79.5	-46.86	2.68	12.36	H
	13240	-32.53	-13	-19.53	-77.21	-42.88	2.99	13.34	H
									H
	3784	-49.81	-13	-36.81	-70.75	-56.46	1.69	8.34	V
	5667	-50.38	-13	-37.38	-77.71	-57.43	2.72	9.77	V
	7564	-43.72	-13	-30.72	-77.52	-53.15	2.41	11.84	V
	9454	-41.54	-13	-28.54	-80.43	-51.48	2.58	12.52	V
	11349	-37.79	-13	-24.79	-80.11	-47.47	2.68	12.36	V
	13240	-35.56	-13	-22.56	-80.24	-45.91	2.99	13.34	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	-56.08	-13	-43.08	-76.38	-62.15	1.58	7.65	H	
	6843	-44.13	-13	-31.13	-76.44	-52.1	2.64	10.61	H	
	11968	-40.11	-13	-27.11	-81.22	-49.73	2.68	12.30	H	
	13680	-35.05	-13	-22.05	-80.51	-45.83	3.10	13.88	H	
	15392	-33.68	-13	-20.68	-80.61	-44.07	3.76	14.15	H	
										H
										H
	3420	-57.16	-13	-44.16	-77.46	-63.23	1.58	7.65	V	
	6843	-47.94	-13	-34.94	-80.25	-55.91	2.64	10.61	V	
	11968	-37.67	-13	-24.67	-78.78	-47.29	2.68	12.30	V	
	13680	-34.77	-13	-21.77	-80.23	-45.55	3.10	13.88	V	
	15392	-33.87	-13	-20.87	-80.8	-44.26	3.76	14.15	V	
										V
										V
Middle	3462	-55.96	-13	-42.96	-76.4	-62.2	1.59	7.83	H	
	6927	-40.25	-13	-27.25	-72.82	-48.35	2.61	10.71	H	
	8663	-44.55	-13	-31.55	-79.98	-54.7	2.41	12.57	H	
	12128	-40.12	-13	-27.12	-81.04	-49.74	2.71	12.33	H	
	13856	-32.72	-13	-19.72	-78.51	-43.63	3.15	14.06	H	
										H
										H
	3462	-58.20	-13	-45.20	-78.64	-64.44	1.59	7.83	V	
	6927	-45.98	-13	-32.98	-78.55	-54.08	2.61	10.71	V	
	8663	-45.69	-13	-32.69	-81.12	-55.84	2.41	12.57	V	
	12128	-37.55	-13	-24.55	-78.47	-47.17	2.71	12.33	V	
	13856	-30.76	-13	-17.76	-76.55	-41.67	3.15	14.06	V	
										V
										V
Highest	3511	-54.15	-13	-41.15	-74.7	-60.56	1.61	8.01	H	
	7018	-44.07	-13	-31.07	-76.87	-52.32	2.58	10.84	H	
	10520	-38.90	-13	-25.90	-80.59	-48.61	2.69	12.40	H	
	12280	-40.39	-13	-27.39	-81.18	-50	2.75	12.36	H	
	14032	-33.21	-13	-20.21	-79.37	-44.14	3.20	14.12	H	
										H
										H
	3511	-56.54	-13	-43.54	-77.09	-62.95	1.61	8.01	V	
	7018	-47.13	-13	-34.13	-79.93	-55.38	2.58	10.84	V	
	10520	-38.20	-13	-25.20	-79.89	-47.91	2.69	12.40	V	
	12280	-38.13	-13	-25.13	-78.92	-47.74	2.75	12.36	V	
	14032	-31.95	-13	-18.95	-78.11	-42.88	3.20	14.12	V	
										V
										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	3420	-55.73	-13	-42.73	-76.03	-61.8	1.58	7.65	H
	6843	-43.89	-13	-30.89	-76.2	-51.86	2.64	10.61	H
	11968	-39.58	-13	-26.58	-80.69	-49.2	2.68	12.30	H
	13680	-35.32	-13	-22.32	-80.78	-46.1	3.10	13.88	H
	15392	-33.32	-13	-20.32	-80.25	-43.71	3.76	14.15	H
									H
									H
	3420	-57.58	-13	-44.58	-77.88	-63.65	1.58	7.65	V
	6843	-47.67	-13	-34.67	-79.98	-55.64	2.64	10.61	V
	11968	-37.85	-13	-24.85	-78.96	-47.47	2.68	12.30	V
	13680	-34.55	-13	-21.55	-80.01	-45.33	3.10	13.88	V
	15392	-33.38	-13	-20.38	-80.31	-43.77	3.76	14.15	V
								V	
								V	
Middle	3462	-55.59	-13	-42.59	-76.03	-61.83	1.59	7.83	H
	6927	-40.62	-13	-27.62	-73.19	-48.72	2.61	10.71	H
	8656	-43.89	-13	-30.89	-79.26	-54.04	2.41	12.56	H
	12120	-39.92	-13	-26.92	-80.85	-49.54	2.71	12.32	H
	13848	-32.45	-13	-19.45	-78.24	-43.35	3.14	14.05	H
									H
									H
	3462	-58.02	-13	-45.02	-78.46	-64.26	1.59	7.83	V
	6927	-47.45	-13	-34.45	-80.02	-55.55	2.61	10.71	V
	8656	-45.94	-13	-32.94	-81.31	-56.09	2.41	12.56	V
	12120	-37.98	-13	-24.98	-78.91	-47.6	2.71	12.32	V
	13848	-32.11	-13	-19.11	-77.9	-43.01	3.14	14.05	V
								V	
								V	
Highest	3504	-56.19	-13	-43.19	-76.72	-62.59	1.61	8.00	H
	7011	-46.06	-13	-33.06	-78.88	-54.3	2.59	10.82	H
	10512	-39.37	-13	-26.37	-81.08	-49.08	2.69	12.40	H
	12264	-40.13	-13	-27.13	-80.94	-49.74	2.74	12.35	H
	14016	-34.25	-13	-21.25	-80.37	-45.22	3.19	14.16	H
									H
									H
	3504	-58.30	-13	-45.30	-78.83	-64.7	1.61	8.00	V
	7011	-47.48	-13	-34.48	-80.3	-55.72	2.59	10.82	V
	10512	-37.59	-13	-24.59	-79.3	-47.3	2.69	12.40	V
	12264	-38.44	-13	-25.44	-79.25	-48.05	2.74	12.35	V
	14016	-33.41	-13	-20.41	-79.53	-44.38	3.19	14.16	V
								V	
								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	-55.53	-13	-42.53	-75.83	-61.6	1.58	7.65	H
	6843	-44.14	-13	-31.14	-76.45	-52.11	2.64	10.61	H
	11976	-39.64	-13	-26.64	-80.71	-49.26	2.68	12.30	H
	13680	-35.19	-13	-22.19	-80.65	-45.97	3.10	13.88	H
	15392	-33.48	-13	-20.48	-80.41	-43.87	3.76	14.15	H
									H
									H
	3420	-58.01	-13	-45.01	-78.31	-64.08	1.58	7.65	V
	6843	-47.52	-13	-34.52	-79.83	-55.49	2.64	10.61	V
	11976	-37.77	-13	-24.77	-78.84	-47.39	2.68	12.30	V
	13680	-34.49	-13	-21.49	-79.95	-45.27	3.10	13.88	V
	15392	-33.38	-13	-20.38	-80.31	-43.77	3.76	14.15	V
									V
									V
Middle	3462	-53.77	-13	-40.77	-74.21	-60.01	1.59	7.83	H
	6920	-42.48	-13	-29.48	-74.99	-50.57	2.62	10.70	H
	10384	-39.50	-13	-26.50	-80.81	-49.16	2.69	12.35	H
	12112	-39.35	-13	-26.35	-80.28	-48.97	2.71	12.32	H
	13840	-31.31	-13	-18.31	-77.06	-42.21	3.14	14.04	H
	15576	-34.20	-13	-21.20	-80.84	-44.56	3.84	14.19	H
									H
	3462	-55.16	-13	-42.16	-75.6	-61.4	1.59	7.83	V
	6920	-46.74	-13	-33.74	-79.25	-54.83	2.62	10.70	V
	10384	-38.71	-13	-25.71	-80.02	-48.37	2.69	12.35	V
	12112	-36.55	-13	-23.55	-77.48	-46.17	2.71	12.32	V
	13840	-30.75	-13	-17.75	-76.5	-41.65	3.14	14.04	V
	15576	-33.87	-13	-20.87	-80.51	-44.23	3.84	14.19	V
									V
								V	
Highest	3504	-54.78	-13	-41.78	-75.31	-61.18	1.61	8.00	H
	7004	-45.95	-13	-32.95	-78.73	-54.17	2.59	10.81	H
	10504	-38.42	-13	-25.42	-80.1	-48.13	2.69	12.40	H
	12256	-40.05	-13	-27.05	-80.87	-49.66	2.74	12.35	H
	14000	-34.40	-13	-21.40	-80.48	-45.42	3.18	14.20	H
									H
									H
	3504	-55.85	-13	-42.85	-76.38	-62.25	1.61	8.00	V
	7004	-47.33	-13	-34.33	-80.11	-55.55	2.59	10.81	V
	10504	-38.26	-13	-25.26	-79.94	-47.97	2.69	12.40	V
	12256	-37.85	-13	-24.85	-78.67	-47.46	2.74	12.35	V
	14000	-32.90	-13	-19.90	-78.98	-43.92	3.18	14.20	V
									V
									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	3420	-54.27	-13	-41.27	-74.34	-60.34	1.58	7.65	H
	6843	-42.15	-13	-29.15	-75.13	-50.12	2.64	10.61	H
	11976	-39.29	-13	-26.29	-80.26	-48.91	2.68	12.30	H
									H
									H
									H
									H
	3420	-57.22	-13	-44.22	-77.45	-63.29	1.58	7.65	V
	6843	-46.84	-13	-33.84	-78.85	-54.81	2.64	10.61	V
	11976	-36.63	-13	-23.63	-77.75	-46.25	2.68	12.30	V
									V
	Middle	3455	-55.13	-13	-42.13	-75.88	-61.34	1.59	7.80
6913		-39.18	-13	-26.18	-72.48	-47.26	2.62	10.70	H
8642		-41.73	-13	-28.73	-77.04	-51.88	2.41	12.56	H
13824		-32.72	-13	-19.72	-77.73	-43.61	3.14	14.02	H
									H
									H
									H
3455		-57.98	-13	-44.98	-77.9	-64.19	1.59	7.80	V
6913		-45.30	-13	-32.30	-77.73	-53.38	2.62	10.70	V
8642		-44.79	-13	-31.79	-80.17	-54.94	2.41	12.56	V
13824		-32.03	-13	-19.03	-78.44	-42.92	3.14	14.02	V
									V
Highest	3490	-53.14	-13	-40.14	-74.02	-59.49	1.60	7.96	H
	6983	-44.66	-13	-31.66	-77.63	-52.84	2.60	10.78	H
	12216	-39.16	-13	-26.16	-80.08	-48.77	2.73	12.34	H
									H
									H
									H
									H
	3490	-53.90	-13	-40.90	-74.09	-60.25	1.60	7.96	V
	6983	-46.84	-13	-33.84	-78.95	-55.02	2.60	10.78	V
	12216	-36.00	-13	-23.00	-77.23	-45.61	2.73	12.34	V
									V
									V
								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	-53.04	-13	-40.04	-74.14	-59.11	1.58	7.65	H
	6843	-41.64	-13	-28.64	-73.82	-49.61	2.64	10.61	H
	8558	-41.61	-13	-28.61	-76.21	-51.75	2.39	12.52	H
	11976	-39.21	-13	-26.21	-80.22	-48.83	2.68	12.30	H
	13688	-33.31	-13	-20.31	-79.16	-44.09	3.10	13.89	H
	15400	-32.16	-13	-19.16	-79.83	-42.56	3.76	14.16	H
									H
	3420	-57.22	-13	-44.22	-77.56	-63.29	1.58	7.65	V
	6843	-47.75	-13	-34.75	-79.67	-55.72	2.64	10.61	V
	8558	-45.54	-13	-32.54	-80.48	-55.68	2.39	12.52	V
	11976	-36.96	-13	-23.96	-78.03	-46.58	2.68	12.30	V
	13688	-34.61	-13	-21.61	-79.57	-45.39	3.10	13.89	V
	15400	-32.85	-13	-19.85	-79.66	-43.25	3.76	14.16	V
									V
Middle	3455	-54.88	-13	-41.88	-75.37	-61.09	1.59	7.80	H
	6906	-39.08	-13	-26.08	-72.34	-47.15	2.62	10.69	H
	8628	-42.79	-13	-29.79	-78	-52.94	2.40	12.55	H
	12080	-39.67	-13	-26.67	-80.34	-49.29	2.70	12.32	H
	13808	-32.70	-13	-19.70	-78.19	-43.57	3.13	14.01	H
	15536	-31.68	-13	-18.68	-78.38	-42.11	3.82	14.25	H
									H
	3455	-55.93	-13	-42.93	-75.95	-62.14	1.59	7.80	V
	6906	-45.55	-13	-32.55	-78.2	-53.62	2.62	10.69	V
	8628	-44.19	-13	-31.19	-79.94	-54.34	2.40	12.55	V
	12080	-36.57	-13	-23.57	-77.01	-46.19	2.70	12.32	V
	13808	-31.69	-13	-18.69	-77.15	-42.56	3.13	14.01	V
	15536	-31.46	-13	-18.46	-78.49	-41.89	3.82	14.25	V
									V
Highest	3483	-54.79	-13	-41.79	-75.27	-61.12	1.60	7.93	H
	6962	-42.47	-13	-29.47	-75.15	-50.62	2.60	10.75	H
	10448	-38.70	-13	-25.70	-80.22	-48.39	2.69	12.38	H
	12184	-39.69	-13	-26.69	-80.57	-49.3	2.72	12.34	H
	13928	-34.72	-13	-21.72	-80.63	-45.68	3.16	14.13	H
	15664	-34.11	-13	-21.11	-80.82	-44.31	3.87	14.07	H
									H
	3483	-55.12	-13	-42.12	-75.6	-61.45	1.60	7.93	V
	6962	-46.34	-13	-33.34	-79.02	-54.49	2.60	10.75	V
	10448	-37.95	-13	-24.95	-79.47	-47.64	2.69	12.38	V
	12184	-37.22	-13	-24.22	-78.1	-46.83	2.72	12.34	V
	13928	-33.58	-13	-20.58	-79.49	-44.54	3.16	14.13	V
	15664	-33.64	-13	-20.64	-80.35	-43.84	3.87	14.07	V
									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	-55.56	-13	-42.56	-75.86	-61.63	1.58	7.65	H	
	6843	-43.34	-13	-30.34	-75.65	-51.31	2.64	10.61	H	
	11976	-39.51	-13	-26.51	-80.58	-49.13	2.68	12.30	H	
	13688	-34.68	-13	-21.68	-80.14	-45.46	3.10	13.89	H	
	15400	-33.80	-13	-20.80	-80.73	-44.2	3.76	14.16	H	
										H
										H
	3420	-57.77	-13	-44.77	-78.07	-63.84	1.58	7.65	V	
	6843	-47.54	-13	-34.54	-79.85	-55.51	2.64	10.61	V	
	11976	-37.82	-13	-24.82	-78.89	-47.44	2.68	12.30	V	
	13688	-34.45	-13	-21.45	-79.91	-45.23	3.10	13.89	V	
	15400	-33.42	-13	-20.42	-80.35	-43.82	3.76	14.16	V	
										V
										V
Middle	3448	-55.91	-13	-42.91	-76.3	-62.09	1.59	7.77	H	
	6892	-45.49	-13	-32.49	-77.96	-53.54	2.63	10.67	H	
	12064	-40.42	-13	-27.42	-81.39	-50.04	2.69	12.31	H	
	13792	-33.84	-13	-20.84	-79.5	-44.7	3.13	13.99	H	
	15512	-34.03	-13	-21.03	-80.63	-44.5	3.81	14.28	H	
										H
										H
	3448	-58.12	-13	-45.12	-78.51	-64.3	1.59	7.77	V	
	6892	-47.76	-13	-34.76	-80.23	-55.81	2.63	10.67	V	
	12064	-38.39	-13	-25.39	-79.36	-48.01	2.69	12.31	V	
	13792	-33.39	-13	-20.39	-79.05	-44.25	3.13	13.99	V	
	15512	-33.60	-13	-20.60	-80.2	-44.07	3.81	14.28	V	
										V
										V
Highest	3476	-55.38	-13	-42.38	-75.86	-61.68	1.60	7.89	H	
	6948	-42.89	-13	-29.89	-75.51	-51.02	2.61	10.74	H	
	10416	-39.33	-13	-26.33	-80.74	-49	2.69	12.37	H	
	12152	-39.71	-13	-26.71	-80.62	-49.32	2.72	12.33	H	
	13888	-32.65	-13	-19.65	-78.5	-43.58	3.15	14.09	H	
	15624	-34.35	-13	-21.35	-81.03	-44.62	3.86	14.13	H	
										H
	3469	-57.33	-13	-44.33	-77.77	-63.6	1.59	7.86	V	
	6948	-46.34	-13	-33.34	-78.96	-54.47	2.61	10.74	V	
	10416	-38.30	-13	-25.30	-79.71	-47.97	2.69	12.37	V	
	12152	-37.18	-13	-24.18	-78.09	-46.79	2.72	12.33	V	
	13888	-32.51	-13	-19.51	-78.36	-43.44	3.15	14.09	V	
	15624	-34.23	-13	-21.23	-80.91	-44.5	3.86	14.13	V	
										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	-59.87	-13	-46.87	-73.37	-61.63	0.98	4.89	H
	2472	-61.48	-13	-48.48	-78.11	-63.36	1.28	5.32	H
	3296	-59.11	-13	-46.11	-79.09	-62.52	1.54	7.10	H
									H
									H
									H
	1648	-59.09	-13	-46.09	-72.59	-60.85	0.98	4.89	V
	2472	-61.68	-13	-48.68	-78.31	-63.56	1.28	5.32	V
	3296	-59.14	-13	-46.14	-79.12	-62.55	1.54	7.10	V
									V
									V
									V
Middle	1672	-58.08	-13	-45.08	-71.65	-59.76	0.99	4.82	H
	2504	-61.07	-13	-48.07	-77.79	-63.03	1.29	5.40	H
	3344	-58.77	-13	-45.77	-78.88	-62.38	1.56	7.31	H
									H
									H
									H
	1672	-57.86	-13	-44.86	-71.43	-59.54	0.99	4.82	V
	2504	-61.55	-13	-48.55	-78.27	-63.51	1.29	5.40	V
	3344	-58.50	-13	-45.50	-78.61	-62.11	1.56	7.31	V
									V
									V
									V
Highest	1696	-61.15	-13	-48.15	-74.78	-62.75	1.00	4.75	H
	2544	-61.15	-13	-48.15	-78.12	-63.13	1.30	5.44	H
	3392	-58.90	-13	-45.90	-79.15	-62.7	1.57	7.52	H
									H
									H
									H
	1696	-59.37	-13	-46.37	-73	-60.97	1.00	4.75	V
	2544	-61.19	-13	-48.19	-78.16	-63.17	1.30	5.44	V
	3392	-58.78	-13	-45.78	-79.03	-62.58	1.57	7.52	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	1648	-59.63	-13	-46.63	-73.13	-61.39	0.98	4.89	H
	2472	-61.31	-13	-48.31	-77.94	-63.19	1.28	5.32	H
	3296	-58.75	-13	-45.75	-78.73	-62.16	1.54	7.10	H
									H
									H
									H
									H
	1648	-58.64	-13	-45.64	-72.14	-60.4	0.98	4.89	V
	2472	-61.39	-13	-48.39	-78.02	-63.27	1.28	5.32	V
	3296	-58.93	-13	-45.93	-78.91	-62.34	1.54	7.10	V
									V
	Middle	1672	-59.13	-13	-46.13	-72.7	-60.81	0.99	4.82
2512		-61.21	-13	-48.21	-78.01	-63.18	1.29	5.41	H
3346		-58.92	-13	-45.92	-79.03	-62.54	1.56	7.32	H
									H
									H
									H
									H
1672		-57.41	-13	-44.41	-70.98	-59.09	0.99	4.82	V
2512		-60.92	-13	-47.92	-77.72	-62.89	1.29	5.41	V
3346		-58.68	-13	-45.68	-78.79	-62.3	1.56	7.32	V
									V
Highest		1696	-60.77	-13	-47.77	-74.4	-62.37	1.00	4.75
	2536	-61.18	-13	-48.18	-78.06	-63.16	1.30	5.43	H
	3384	-58.86	-13	-45.86	-79.07	-62.63	1.57	7.49	H
									H
									H
									H
									H
	1696	-58.21	-13	-45.21	-71.84	-59.81	1.00	4.75	V
	2536	-61.25	-13	-48.25	-78.13	-63.23	1.30	5.43	V
	3384	-59.10	-13	-46.10	-79.31	-62.87	1.57	7.49	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	1648	-59.33	-13	-46.33	-72.83	-61.09	0.98	4.89	H
	2472	-61.45	-13	-48.45	-78.08	-63.33	1.28	5.32	H
	3296	-59.00	-13	-46.00	-78.98	-62.41	1.54	7.10	H
									H
									H
									H
									H
	1648	-59.30	-13	-46.30	-72.8	-61.06	0.98	4.89	V
	2472	-61.38	-13	-48.38	-78.01	-63.26	1.28	5.32	V
	3296	-58.89	-13	-45.89	-78.87	-62.3	1.54	7.10	V
									V
	Middle	1672	-58.62	-13	-45.62	-72.19	-60.3	0.99	4.82
2504		-61.08	-13	-48.08	-77.8	-63.04	1.29	5.40	H
3336		-58.40	-13	-45.40	-78.46	-61.98	1.55	7.28	H
									H
									H
									H
									H
1672		-57.72	-13	-44.72	-71.29	-59.4	0.99	4.82	V
2504		-60.90	-13	-47.90	-77.62	-62.86	1.29	5.40	V
3336		-58.34	-13	-45.34	-78.4	-61.92	1.55	7.28	V
									V
Highest		1688	-60.29	-13	-47.29	-73.89	-61.92	1.00	4.77
	2536	-61.19	-13	-48.19	-78.07	-63.17	1.30	5.43	H
	3376	-58.56	-13	-45.56	-78.77	-62.3	1.57	7.45	H
									H
									H
									H
									H
	1688	-57.41	-13	-44.41	-71.01	-59.04	1.00	4.77	V
	2536	-61.10	-13	-48.10	-77.98	-63.08	1.30	5.43	V
	3376	-58.15	-13	-45.15	-78.36	-61.89	1.57	7.45	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	1648	-58.87	-13	-45.87	-72.37	-60.63	0.98	4.89	H
	2472	-60.97	-13	-47.97	-77.6	-62.85	1.28	5.32	H
	3296	-58.57	-13	-45.57	-78.55	-61.98	1.54	7.10	H
									H
									H
									H
									H
	1648	-57.83	-13	-44.83	-71.33	-59.59	0.98	4.89	V
	2472	-61.10	-13	-48.10	-77.73	-62.98	1.28	5.32	V
	3296	-58.81	-13	-45.81	-78.79	-62.22	1.54	7.10	V
									V
	Middle	1664	-59.68	-13	-46.68	-72.69	-61.39	0.98	4.84
2496		-61.79	-13	-48.79	-77.93	-63.74	1.29	5.39	H
3328		-58.33	-13	-45.33	-78.59	-61.87	1.55	7.24	H
									H
									H
									H
									H
1664		-57.01	-13	-44.01	-70.64	-58.72	0.98	4.84	V
2496		-60.11	-13	-47.11	-77.67	-62.06	1.29	5.39	V
3328		-58.91	-13	-45.91	-78.72	-62.45	1.55	7.24	V
									V
Highest		1680	-56.73	-13	-43.73	-70.3	-58.38	0.99	4.80
	2520	-60.73	-13	-47.73	-77.53	-62.7	1.30	5.42	H
	3360	-58.18	-13	-45.18	-78.33	-61.85	1.56	7.38	H
									H
									H
									H
									H
	1680	-57.35	-13	-44.35	-70.92	-59	0.99	4.80	V
	2520	-60.89	-13	-47.89	-77.69	-62.86	1.30	5.42	V
	3360	-58.29	-13	-45.29	-78.44	-61.96	1.56	7.38	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	-45.46	-25	-20.46	-71.15	-52.82	2.34	9.70	H
	7500	-37.58	-25	-12.58	-70.88	-46.95	2.43	11.80	H
	10008	-39.58	-25	-14.58	-79.2	-49.09	2.70	12.20	H
	15000	-30.73	-25	-5.73	-78.29	-40.73	3.60	13.60	H
									H
									H
									H
	5004	-46.92	-25	-21.92	-72.33	-54.28	2.34	9.70	V
	7500	-42.79	-25	-17.79	-76.03	-52.16	2.43	11.80	V
	10008	-39.80	-25	-14.80	-79.74	-49.31	2.70	12.20	V
	15000	-28.02	-25	-3.02	-76.36	-38.02	3.60	13.60	V
									V
									V
									V
Middle	5064	-49.19	-25	-24.19	-74.89	-56.52	2.37	9.70	H
	7596	-37.65	-25	-12.65	-71	-47.11	2.40	11.86	H
	10128	-37.69	-25	-12.69	-78.49	-47.25	2.70	12.25	H
	15195	-31.64	-25	-6.64	-78.64	-41.83	3.68	13.87	H
									H
									H
									H
	5064	-50.93	-25	-25.93	-75.85	-58.26	2.37	9.70	V
	7596	-41.03	-25	-16.03	-75.61	-50.49	2.40	11.86	V
	10128	-37.50	-25	-12.50	-77.59	-47.06	2.70	12.25	V
	15195	-28.64	-25	-3.64	-76.38	-38.83	3.68	13.87	V
									V
									V
									V
Highest	5136	-47.96	-25	-22.96	-73.81	-55.24	2.42	9.70	H
	7692	-31.54	-25	-6.54	-65.43	-41.09	2.37	11.92	H
	10260	-36.11	-25	-11.11	-77.91	-45.72	2.69	12.30	H
	15391	-32.40	-25	-7.40	-79.85	-42.79	3.76	14.15	H
									H
									H
									H
	5136	-51.99	-25	-26.99	-77.26	-59.27	2.42	9.70	V
	7692	-36.76	-25	-11.76	-70.15	-46.31	2.37	11.92	V
	10260	-36.94	-25	-11.94	-77.55	-46.55	2.69	12.30	V
	15391	-30.33	-25	-5.33	-77.58	-40.72	3.76	14.15	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	5004	-46.87	-25	-21.87	-72.46	-54.23	2.34	9.70	H
	7500	-37.79	-25	-12.79	-71.49	-47.16	2.43	11.80	H
	10008	-39.25	-25	-14.25	-79.39	-48.76	2.70	12.20	H
	15000	-30.21	-25	-5.21	-78.7	-40.21	3.60	13.60	H
									H
									H
									H
	5004	-46.73	-25	-21.73	-72.55	-54.09	2.34	9.70	V
	7500	-42.74	-25	-17.74	-75.69	-52.11	2.43	11.80	V
	10008	-39.45	-25	-14.45	-79.2	-48.96	2.70	12.20	V
	15000	-27.81	-25	-2.81	-76.14	-37.81	3.60	13.60	V
									V
									V
									V
Middle	5064	-49.01	-25	-24.01	-75.15	-56.34	2.37	9.70	H
	7596	-37.83	-25	-12.83	-71.47	-47.29	2.40	11.86	H
	10128	-39.35	-25	-14.35	-79.59	-48.91	2.70	12.25	H
	15184	-33.60	-25	-8.60	-80.77	-43.78	3.67	13.86	H
									H
									H
									H
	5064	-50.10	-25	-25.10	-75.85	-57.43	2.37	9.70	V
	7596	-41.63	-25	-16.63	-75.55	-51.09	2.40	11.86	V
	10128	-38.15	-25	-13.15	-79.46	-47.71	2.70	12.25	V
	15184	-29.87	-25	-4.87	-77.56	-40.05	3.67	13.86	V
									V
									V
									V
Highest	5124	-50.87	-25	-25.87	-76.43	-58.16	2.41	9.70	H
	7680	-32.51	-25	-7.51	-66.03	-42.05	2.37	11.91	H
	10248	-38.94	-25	-13.94	-79.47	-48.54	2.69	12.30	H
	15368	-32.92	-25	-7.92	-79.98	-43.28	3.75	14.12	H
									H
									H
									H
	5124	-51.15	-25	-26.15	-77.84	-58.44	2.41	9.70	V
	7680	-38.08	-25	-13.08	-72.09	-47.62	2.37	11.91	V
	10248	-37.15	-25	-12.15	-78.45	-46.75	2.69	12.30	V
	15368	-31.52	-25	-6.52	-78.12	-41.88	3.75	14.12	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	5004	-45.25	-25	-20.25	-70.6	-52.61	2.34	9.70	H
	7500	-36.82	-25	-11.82	-70.41	-46.19	2.43	11.80	H
	10008	-39.64	-25	-14.64	-79.19	-49.15	2.70	12.20	H
	15000	-30.73	-25	-5.73	-79.05	-40.73	3.60	13.60	H
									H
									H
									H
	5004	-46.90	-25	-21.90	-71.72	-54.26	2.34	9.70	V
	7500	-41.50	-25	-16.50	-75.07	-50.87	2.43	11.80	V
	10008	-38.68	-25	-13.68	-78.54	-48.19	2.70	12.20	V
	15000	-28.96	-25	-3.96	-76.56	-38.96	3.60	13.60	V
									V
									V
									V
Middle	5052	-49.92	-25	-24.92	-75.01	-57.25	2.37	9.70	H
	7584	-36.73	-25	-11.73	-69.99	-46.18	2.40	11.85	H
	10116	-38.12	-25	-13.12	-79.27	-47.67	2.70	12.25	H
	15172	-29.52	-25	-4.52	-77.46	-39.69	3.67	13.84	H
									H
									H
									H
	5052	-49.56	-25	-24.56	-75.38	-56.89	2.37	9.70	V
	7584	-41.09	-25	-16.09	-74.95	-50.54	2.40	11.85	V
	10116	-38.70	-25	-13.70	-78.83	-48.25	2.70	12.25	V
	15172	-29.87	-25	-4.87	-77.19	-40.04	3.67	13.84	V
									V
									V
									V
Highest	5112	-50.31	-25	-25.31	-76.3	-57.61	2.40	9.70	H
	7668	-34.52	-25	-9.52	-68.67	-44.05	2.38	11.90	H
	10224	-38.52	-25	-13.52	-79.27	-48.11	2.69	12.29	H
	15333.5	-33.96	-25	-8.96	-80.16	-44.29	3.74	14.07	H
									H
									H
									H
	5112	-51.54	-25	-26.54	-77.44	-58.84	2.40	9.70	V
	7668	-39.55	-25	-14.55	-72.98	-49.08	2.38	11.90	V
	10224	-38.70	-25	-13.70	-79.49	-48.29	2.69	12.29	V
	15333.5	-31.21	-25	-6.21	-79.11	-41.54	3.74	14.07	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	5004	-46.23	-25	-21.23	-71.82	-53.59	2.34	9.70	H
	7500	-38.61	-25	-13.61	-72.31	-47.98	2.43	11.80	H
	10004	-37.76	-25	-12.76	-80.06	-47.26	2.70	12.20	H
	15011	-30.81	-25	-5.81	-79.02	-40.82	3.60	13.62	H
									H
									H
									H
	5004	-46.79	-25	-21.79	-72.43	-54.15	2.34	9.70	V
	7500	-42.65	-25	-17.65	-76.35	-52.02	2.43	11.80	V
	10004	-39.44	-25	-14.44	-79.58	-48.94	2.70	12.20	V
	15011	-29.71	-25	-4.71	-77.92	-39.72	3.60	13.62	V
									V
									V
									V
Middle	5052	-47.92	-25	-22.92	-73.59	-55.25	2.37	9.70	H
	7584	-35.74	-25	-10.74	-69.57	-45.19	2.40	11.85	H
	10104	-39.53	-25	-14.53	-80	-49.08	2.70	12.24	H
	15161	-31.09	-25	-6.09	-78.8	-41.25	3.66	13.83	H
									H
									H
									H
	5052	-49.61	-25	-24.61	-75.28	-56.94	2.37	9.70	V
	7584	-39.29	-25	-14.29	-73.12	-48.74	2.40	11.85	V
	10104	-37.69	-25	-12.69	-78.16	-47.24	2.70	12.24	V
	15161	-27.08	-25	-2.08	-74.79	-37.24	3.66	13.83	V
									V
									V
									V
Highest	5100	-49.85	-25	-24.85	-75.66	-57.16	2.39	9.70	H
	7656	-33.94	-25	-8.94	-67.9	-43.45	2.38	11.89	H
	10200	-39.56	-25	-14.56	-80.28	-49.14	2.70	12.28	H
	15310	-33.56	-25	-8.56	-80.77	-43.87	3.73	14.03	H
									H
									H
									H
	5100	-50.72	-25	-25.72	-76.53	-58.03	2.39	9.70	V
	7656	-39.85	-25	-14.85	-73.81	-49.36	2.38	11.89	V
	10200	-39.82	-25	-14.82	-80.54	-49.4	2.70	12.28	V
	15310	-33.09	-25	-8.09	-80.3	-43.4	3.73	14.03	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	1398	-63.18	-13	-50.18	-75.44	-64.83	0.87	4.67	H	
	2097	-62.61	-13	-49.61	-77.70	-63.49	1.16	4.19	H	
	2796	-59.08	-13	-46.08	-78.13	-61.18	1.38	5.64	H	
										H
										H
										H
	1398	-62.87	-13	-49.87	-74.63	-64.52	0.87	4.67	V	
	2097	-62.21	-13	-49.21	-77.39	-63.09	1.16	4.19	V	
	2796	-59.47	-13	-46.47	-77.91	-61.57	1.38	5.64	V	
										V
										V
										V
										V
	Middle	1414	-73.32	-13	-60.32	-75.06	-75.06	0.87	4.77	H
2120		-76.68	-13	-63.68	-77.62	-77.62	1.17	4.26	H	
2827		-75.74	-13	-62.74	-77.86	-77.86	1.39	5.66	H	
										H
										H
										H
1414		-62.77	-13	-49.77	-74.88	-64.51	0.87	4.77	V	
2120		-62.15	-13	-49.15	-77.61	-63.09	1.17	4.26	V	
2827		-59.42	-13	-46.42	-77.84	-61.54	1.39	5.66	V	
										V
										V
										V
Highest		1429	-63.31	-13	-50.31	-75.60	-65.14	0.88	4.86	H
		2144	-62.73	-13	-49.73	-77.42	-63.73	1.18	4.33	H
	2859	-59.76	-13	-46.76	-78.16	-61.89	1.40	5.69	H	
										H
										H
										H
	1429	-63.38	-13	-50.38	-75.53	-65.21	0.88	4.86	V	
	2144	-62.05	-13	-49.05	-77.66	-63.05	1.18	4.33	V	
	2859	-59.16	-13	-46.16	-78.33	-61.29	1.40	5.69	V	
										V
										V
										V

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



LTE Band 12 / 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	1398	-62.84	-13	-49.84	-75.10	-64.49	0.87	4.67	H
	2097	-62.38	-13	-49.38	-77.29	-63.26	1.16	4.19	H
	2796	-60.95	-13	-47.95	-78.27	-63.05	1.38	5.64	H
									H
									H
									H
									H
	1398	-62.63	-13	-49.63	-74.59	-64.28	0.87	4.67	V
	2097	-62.93	-13	-49.93	-77.24	-63.81	1.16	4.19	V
	2796	-59.49	-13	-46.49	-78.17	-61.59	1.38	5.64	V
									V
	Middle	1412	-62.50	-13	-49.50	-75.14	-64.23	0.87	4.75
2118		-62.18	-13	-49.18	-77.85	-63.11	1.17	4.25	H
2824		-59.74	-13	-46.74	-77.94	-61.86	1.39	5.66	H
									H
									H
									H
									H
1412		-62.79	-13	-49.79	-75.18	-64.52	0.87	4.75	V
2118		-62.36	-13	-49.36	-77.64	-63.29	1.17	4.25	V
2824		-59.83	-13	-46.83	-77.93	-61.95	1.39	5.66	V
									V
Highest		1426	-62.71	-13	-49.71	-75.04	-64.52	0.88	4.84
	2139	-62.85	-13	-49.85	-77.57	-63.84	1.18	4.32	H
	2853	-59.58	-13	-46.58	-78.05	-61.71	1.40	5.68	H
									H
									H
									H
									H
	1426	-62.48	-13	-49.48	-75.05	-64.29	0.88	4.84	V
	2139	-62.12	-13	-49.12	-77.55	-63.11	1.18	4.32	V
	2853	-59.72	-13	-46.72	-78.10	-61.85	1.40	5.68	V
									V
									V
								V	
								V	

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



LTE Band 12 / 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	1399	-63.77	-13	-50.77	-75.40	-65.43	0.87	4.67	H
	2098	-62.18	-13	-49.18	-77.61	-63.06	1.16	4.19	H
	2797	-59.41	-13	-46.41	-78.03	-61.51	1.38	5.64	H
									H
									H
									H
									H
	1399	-62.73	-13	-49.73	-74.49	-64.39	0.87	4.67	V
	2098	-62.16	-13	-49.16	-77.35	-63.04	1.16	4.19	V
	2797	-59.05	-13	-46.05	-78.14	-61.15	1.38	5.64	V
									V
	Middle	1410	-63.11	-13	-50.11	-74.47	-64.83	0.87	4.74
2115		-62.99	-13	-49.99	-77.54	-63.91	1.17	4.25	H
2821		-59.47	-13	-46.47	-77.94	-61.59	1.39	5.66	H
									H
									H
									H
									H
1410		-63.65	-13	-50.65	-75.52	-65.37	0.87	4.74	V
2115		-62.67	-13	-49.67	-77.49	-63.59	1.17	4.25	V
2821		-59.31	-13	-46.31	-77.90	-61.43	1.39	5.66	V
									V
Highest		1423	-63.46	-13	-50.46	-75.53	-65.25	0.88	4.82
	2133	-62.52	-13	-49.52	-77.44	-63.49	1.18	4.30	H
	2845	-59.76	-13	-46.76	-77.78	-61.89	1.40	5.68	H
									H
									H
									H
									H
	1423	-63.44	-13	-50.44	-75.46	-65.23	0.88	4.82	V
	2133	-62.52	-13	-49.52	-77.74	-63.49	1.18	4.30	V
	2845	-59.38	-13	-46.38	-78.08	-61.51	1.40	5.68	V
									V
									V
								V	
								V	

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



LTE Band 12 / 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	1399	-62.87	-13	-49.87	-75.11	-64.53	0.87	4.67	H
	2099	-62.83	-13	-49.83	-77.33	-63.71	1.17	4.20	H
	2798	-59.94	-13	-46.94	-71.91	-62.04	1.38	5.64	H
									H
									H
									H
									H
	1399	-63.87	-13	-50.87	-75.20	-65.53	0.87	4.67	V
	2099	-62.98	-13	-49.98	-77.25	-63.86	1.17	4.20	V
	2798	-59.07	-13	-46.07	-77.73	-61.17	1.38	5.64	V
									V
	Middle	1406	-62.55	-13	-49.55	-74.86	-64.25	0.87	4.72
2109		-62.15	-13	-49.15	-76.87	-63.06	1.17	4.23	H
2812		-59.00	-13	-46.00	-77.68	-61.11	1.39	5.65	H
									H
									H
									H
									H
1406		-62.62	-13	-49.62	-75.06	-64.32	0.87	4.72	V
2109		-62.93	-13	-49.93	-77.27	-63.84	1.17	4.23	V
2812		-59.18	-13	-46.18	-77.74	-61.29	1.39	5.65	V
									V
Highest		1413	-62.51	-13	-49.51	-74.14	-64.25	0.87	4.76
	2119	-62.55	-13	-49.55	-77.87	-63.49	1.17	4.26	H
	2826	-59.31	-13	-46.31	-77.86	-61.43	1.39	5.66	H
									H
									H
									H
									H
	1413	-62.85	-13	-49.85	-74.91	-64.59	0.87	4.76	V
	2119	-62.18	-13	-49.18	-77.66	-63.12	1.17	4.26	V
	2826	-59.97	-13	-46.97	-77.68	-62.09	1.39	5.66	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	-62.25	-42.15	-20.10	-75.34	-64.29	0.94	5.13	H
	2340	-61.28	-13	-48.28	-77.53	-62.81	1.24	4.92	H
	3120	-58.08	-13	-45.08	-78.34	-60.77	1.49	6.33	H
									H
									H
									H
	1560	-61.65	-42.15	-19.50	-74.64	-63.69	0.94	5.13	V
	2340	-61.02	-13	-48.02	-77.52	-62.55	1.24	4.92	V
	3120	-59.20	-13	-46.20	-78.51	-61.89	1.49	6.33	V
									V
									V
									V
Middle	1562	-62.98	-42.15	-20.83	-75.87	-65.02	0.94	5.13	H
	2343	-61.82	-13	-48.82	-77.63	-63.36	1.24	4.93	H
	3124	-58.02	-13	-45.02	-78.05	-60.73	1.49	6.35	H
									H
									H
									H
	1562	-61.15	-42.15	-19.00	-74.46	-63.19	0.94	5.13	V
	2343	-61.30	-13	-48.30	-77.79	-62.84	1.24	4.93	V
	3124	-58.00	-13	-45.00	-78.43	-60.71	1.49	6.35	V
									V
									V
									V
Highest	1568	-62.02	-42.15	-19.87	-76.31	-64.04	0.94	5.11	H
	2354	-61.26	-13	-48.26	-77.60	-62.83	1.24	4.96	H
	3138	-58.95	-13	-45.95	-78.32	-61.72	1.49	6.41	H
									H
									H
									H
	1568	-61.51	-42.15	-19.36	-75.16	-63.53	0.94	5.11	V
	2354	-61.14	-13	-48.14	-77.87	-62.71	1.24	4.96	V
	3138	-59.52	-13	-46.52	-78.65	-62.29	1.49	6.41	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	-62.79	-42.15	-20.64	-75.48	-64.83	0.94	5.13	H
	2343	-61.01	-13	-48.01	-77.8	-62.55	1.24	4.93	H
	3124	-59.47	-13	-46.47	-78.54	-62.18	1.49	6.35	H
									H
									H
									H
									H
	1562	-60.75	-42.15	-18.60	-73.63	-62.79	0.94	5.13	V
	2343	-61.93	-13	-48.93	-77.25	-63.47	1.24	4.93	V
	3124	-58.63	-13	-45.63	-78.37	-61.34	1.49	6.35	V
									V
									V
									V
									V

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



### LTE Band 17

LTE Band 17 / 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	1408	-64.29	-13	-51.29	-76.54	-66.00	0.87	4.73	H
	2112	-63.59	-13	-50.59	-78.43	-64.51	1.17	4.24	H
	2816	-60.68	-13	-47.68	-78.96	-62.79	1.39	5.65	H
									H
									H
									H
	1408	-63.88	-13	-50.88	-76.13	-65.59	0.87	4.73	V
	2112	-63.49	-13	-50.49	-78.33	-64.41	1.17	4.24	V
	2816	-60.67	-13	-47.67	-78.95	-62.78	1.39	5.65	V
									V
									V
									V
Middle	1416	-64.05	-13	-51.05	-76.41	-65.80	0.87	4.78	H
	2120	-63.61	-13	-50.61	-78.53	-64.55	1.17	4.26	H
	3536	-60.32	-13	-47.32	-78.68	-64.60	1.62	8.04	H
									H
									H
									H
	1416	-63.96	-13	-50.96	-76.32	-65.71	0.87	4.78	V
	2120	-63.69	-13	-50.69	-78.61	-64.63	1.17	4.26	V
	3536	-60.48	-13	-47.48	-78.84	-64.76	1.62	8.04	V
									V
									V
									V
Highest	1416	-64.16	-13	-51.16	-76.52	-65.91	0.87	4.78	H
	2120	-63.72	-13	-50.72	-78.64	-64.66	1.17	4.26	H
	2824	-60.61	-13	-47.61	-78.89	-62.73	1.39	5.66	H
									H
									H
									H
	1416	-63.95	-13	-50.95	-76.31	-65.70	0.87	4.78	V
	2120	-63.63	-13	-50.63	-78.55	-64.57	1.17	4.26	V
	2824	-60.57	-13	-47.57	-78.85	-62.69	1.39	5.66	V
									V
									V
									V

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