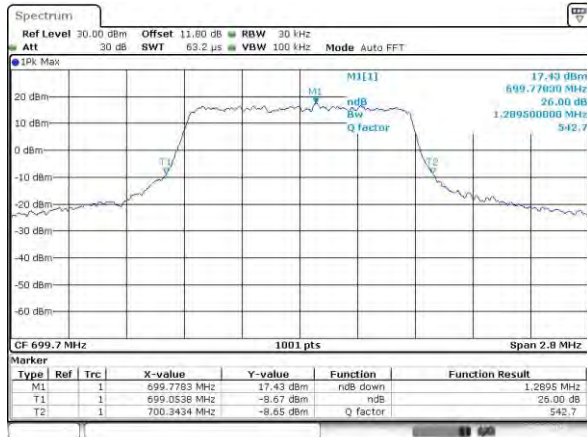


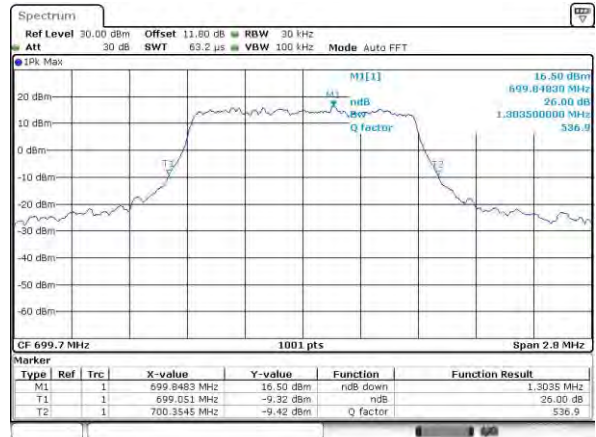


LTE Band 12

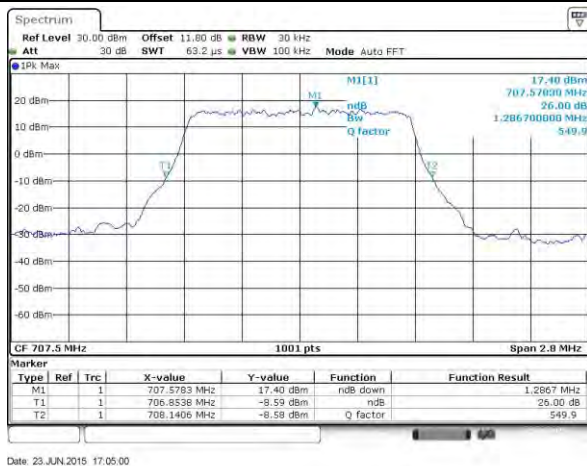
Lowest Channel / 1.4MHz / QPSK



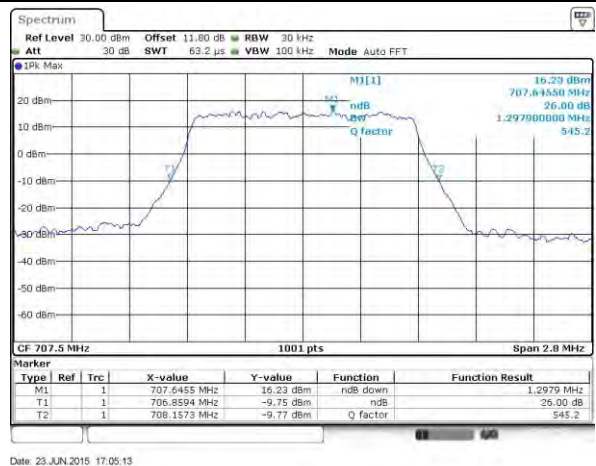
Lowest Channel / 1.4MHz / 16QAM



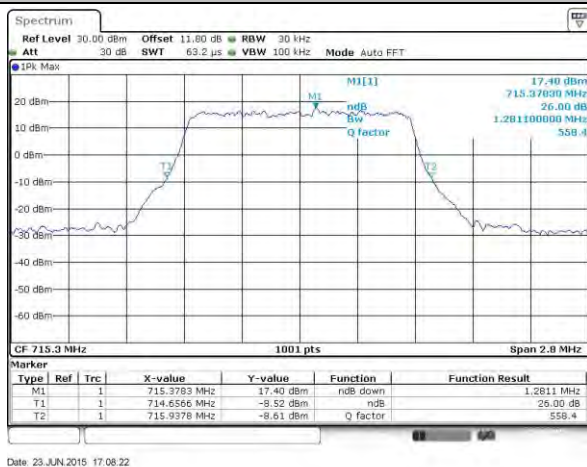
Middle Channel / 1.4MHz / QPSK



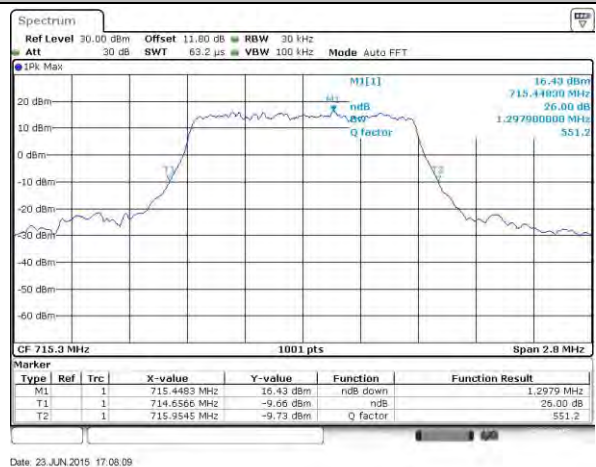
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



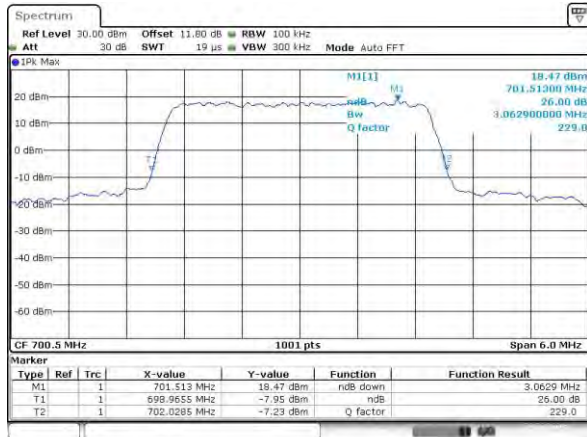
Highest Channel / 1.4MHz / 16QAM



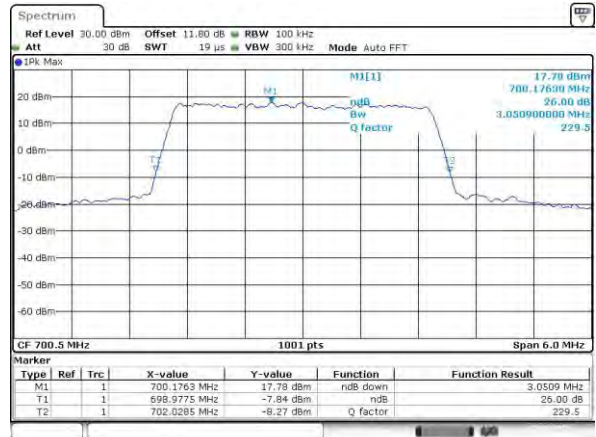


LTE Band 12

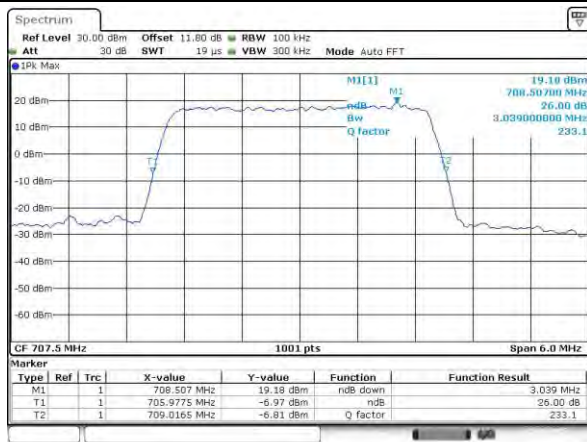
Lowest Channel / 3MHz / QPSK



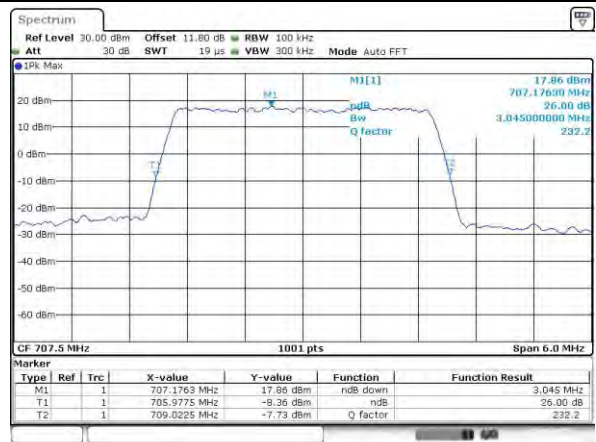
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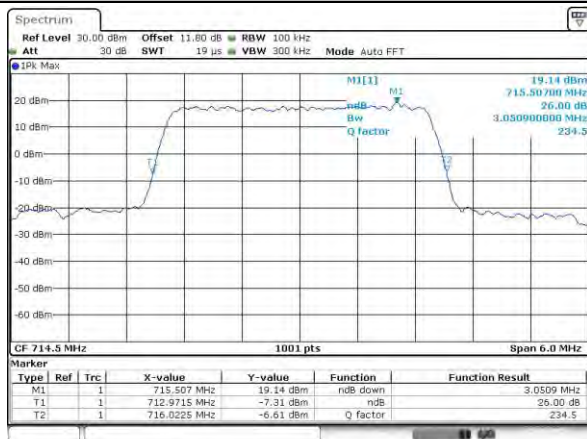
Middle Channel / 3MHz / QPSK



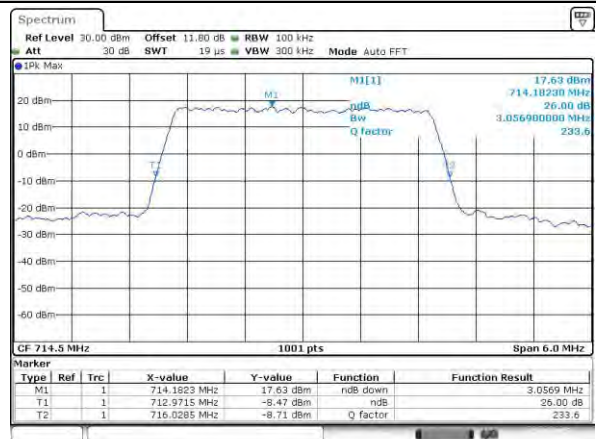
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



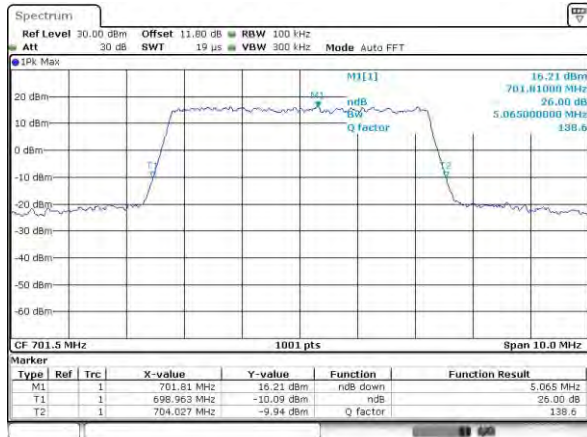
Highest Channel / 3MHz / 16QAM



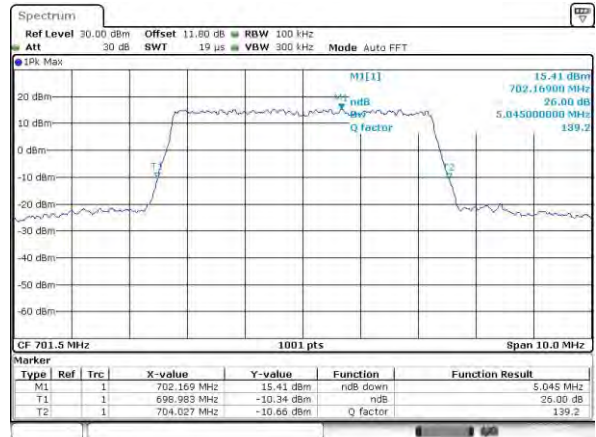


LTE Band 12

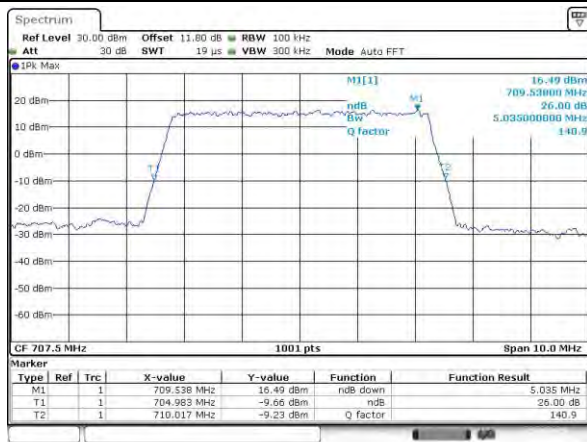
Lowest Channel / 5MHz / QPSK



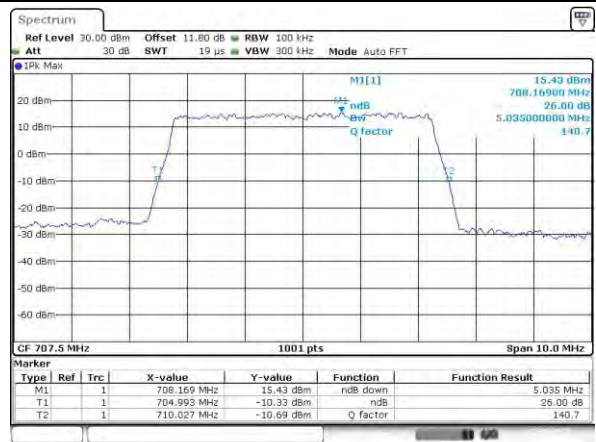
Lowest Channel / 5MHz / 16QAM



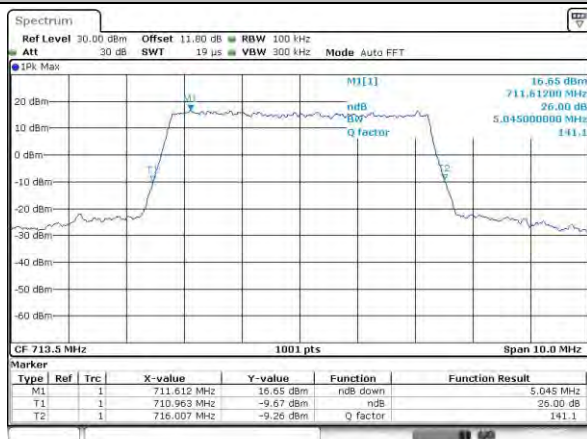
Middle Channel / 5MHz / QPSK



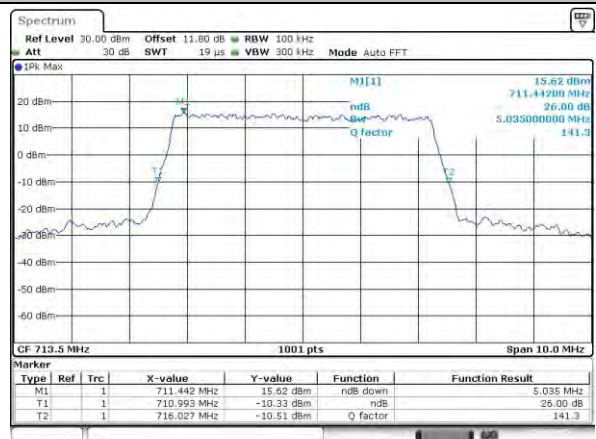
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



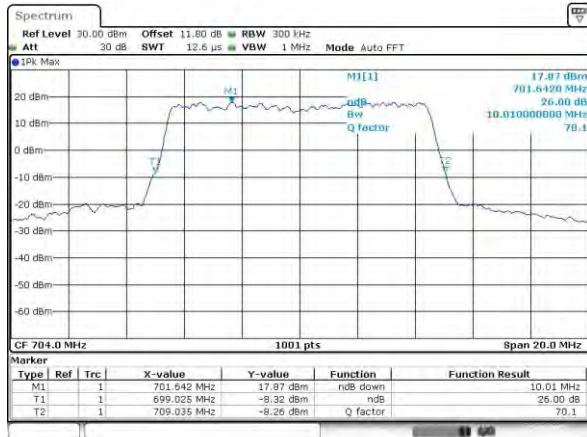
Highest Channel / 5MHz / 16QAM





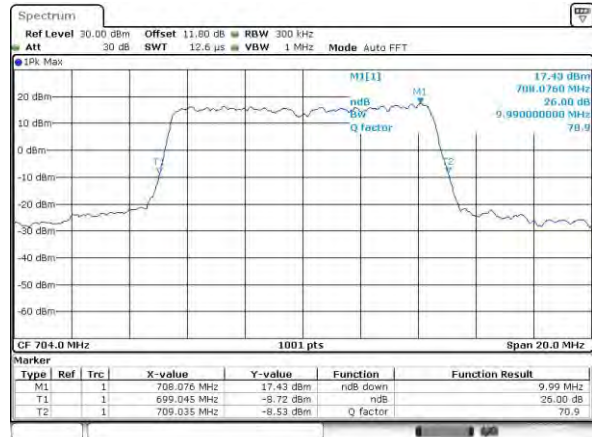
LTE Band 12

Lowest Channel / 10MHz / QPSK



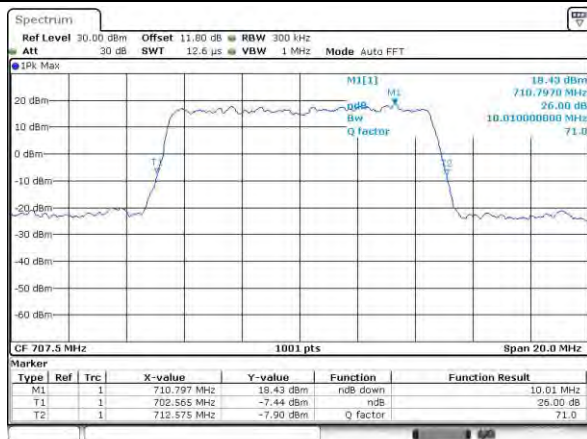
Date: 23 JUN 2015 16:36:35

Lowest Channel / 10MHz / 16QAM



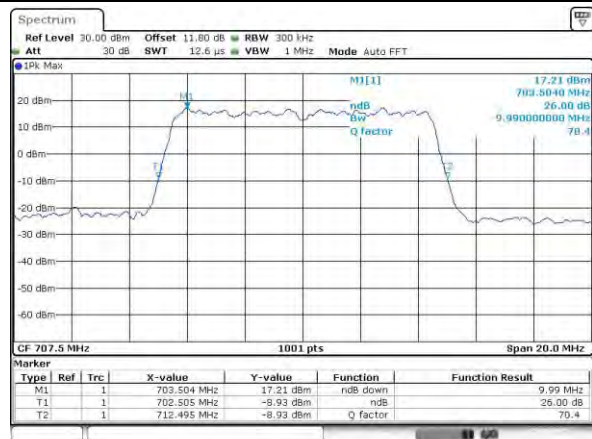
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Middle Channel / 10MHz / QPSK



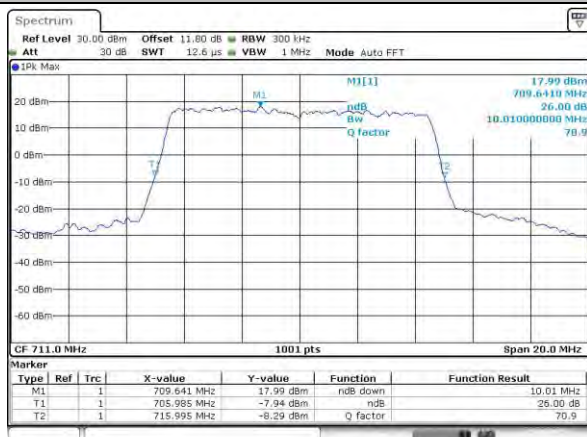
Date: 23 JUN 2015 16:44:11

Middle Channel / 10MHz / 16QAM



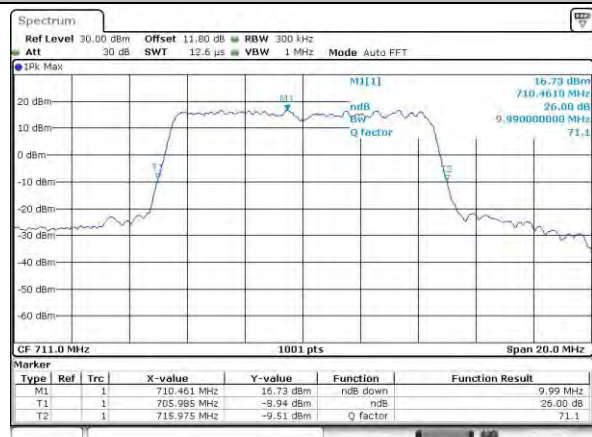
Date: 23 JUN 2015 16:44:24

Highest Channel / 10MHz / QPSK



Date: 23 JUN 2015 16:47:31

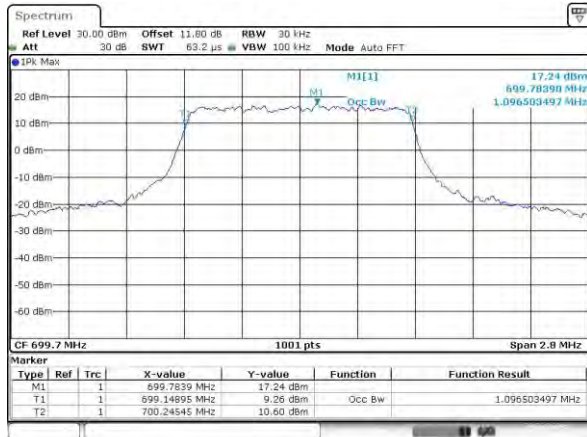
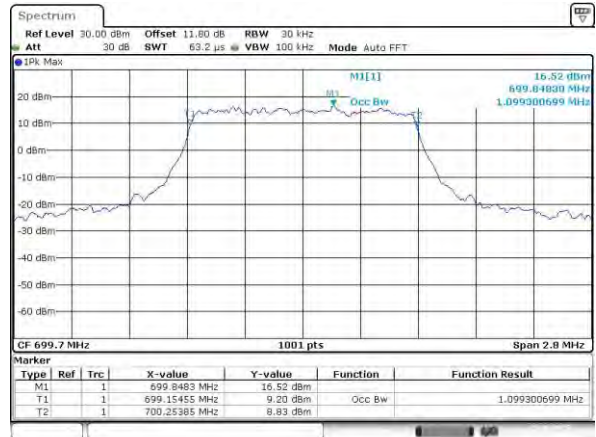
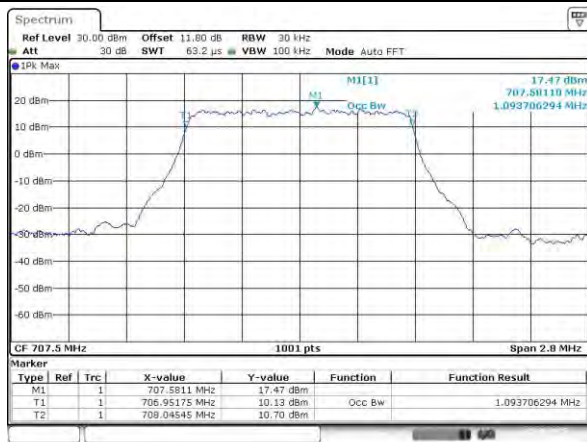
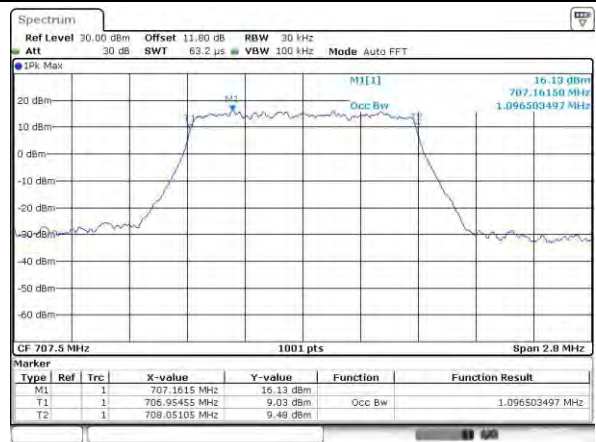
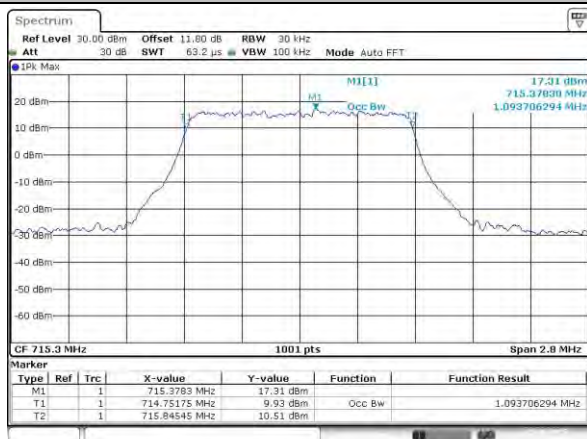
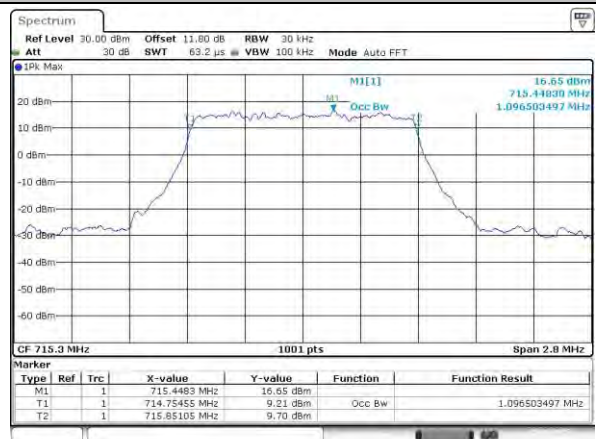
Highest Channel / 10MHz / 16QAM



Date: 23 JUN 2015 16:47:19

**Occupied Bandwidth**

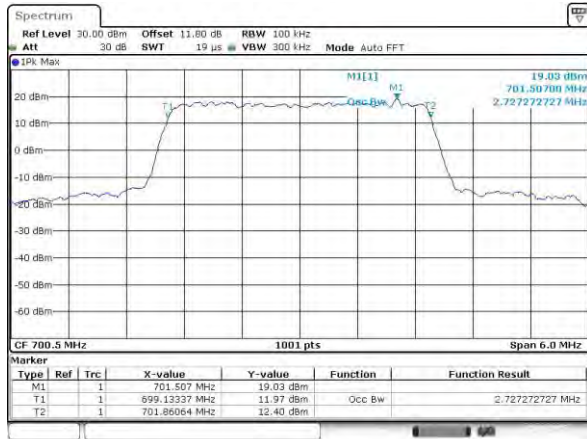
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.73	2.73	4.51	4.50	9.11	9.03	-	-	-	-
Middle CH	1.09	1.10	2.73	2.72	4.50	4.50	9.01	9.05	-	-	-	-
Highest CH	1.09	1.10	2.73	2.72	4.51	4.51	9.03	9.05	-	-	-	-

**LTE Band 12****Lowest Channel / 1.4MHz / QPSK****Lowest Channel / 1.4MHz / 16QAM****Middle Channel / 1.4MHz / QPSK****Middle Channel / 1.4MHz / 16QAM****Highest Channel / 1.4MHz / QPSK****Highest Channel / 1.4MHz / 16QAM**

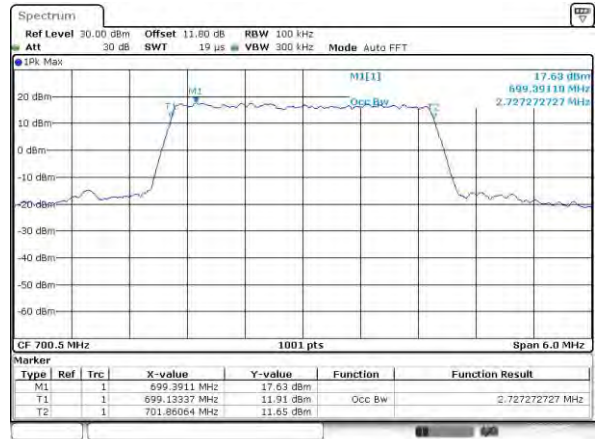


LTE Band 12

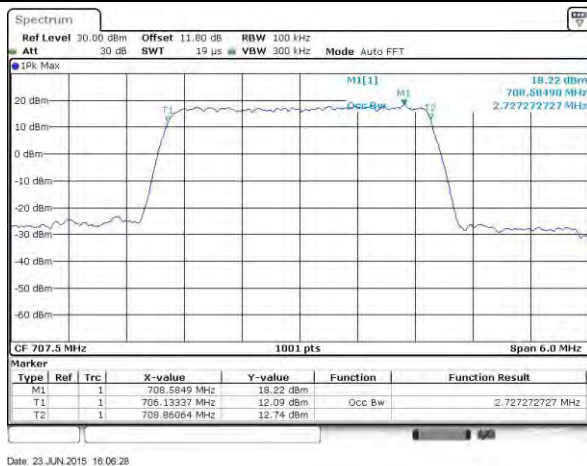
Lowest Channel / 3MHz / QPSK



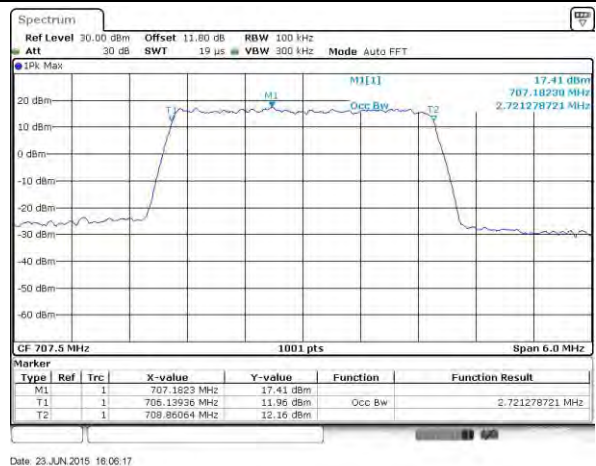
Lowest Channel / 3MHz / 16QAM



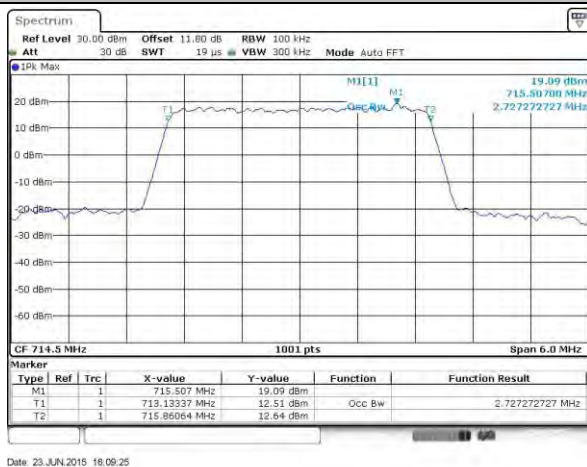
Middle Channel / 3MHz / QPSK



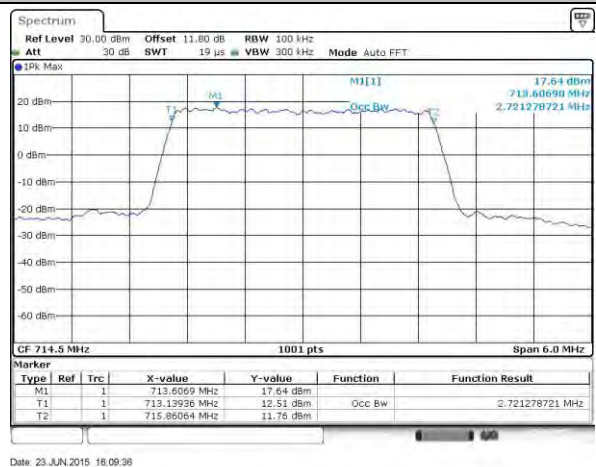
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



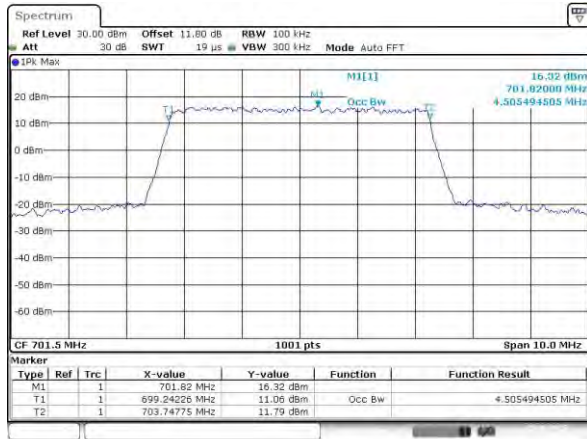
Highest Channel / 3MHz / 16QAM



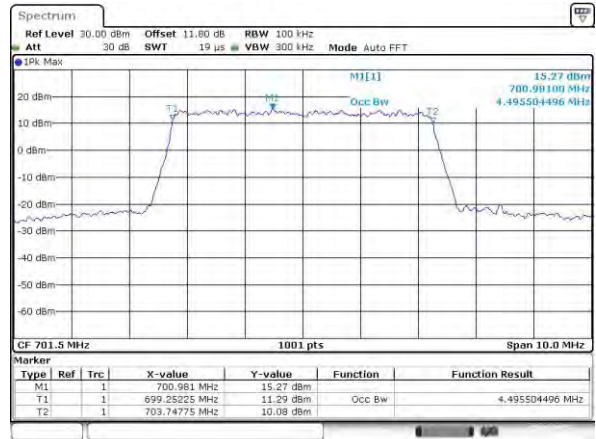


LTE Band 12

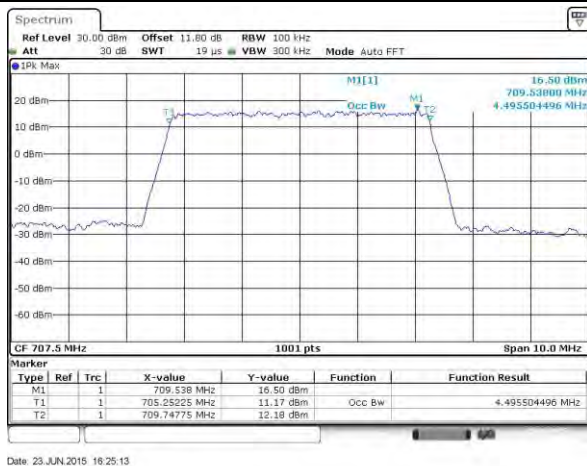
Lowest Channel / 5MHz / QPSK



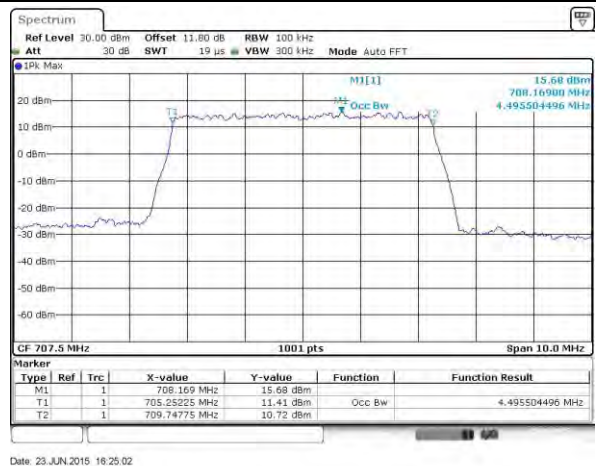
Lowest Channel / 5MHz / 16QAM



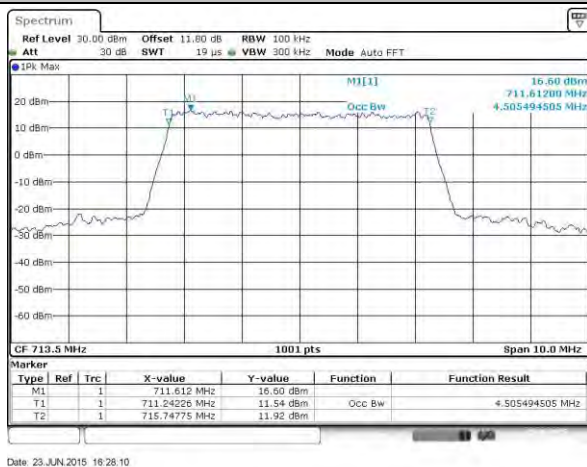
Middle Channel / 5MHz / QPSK



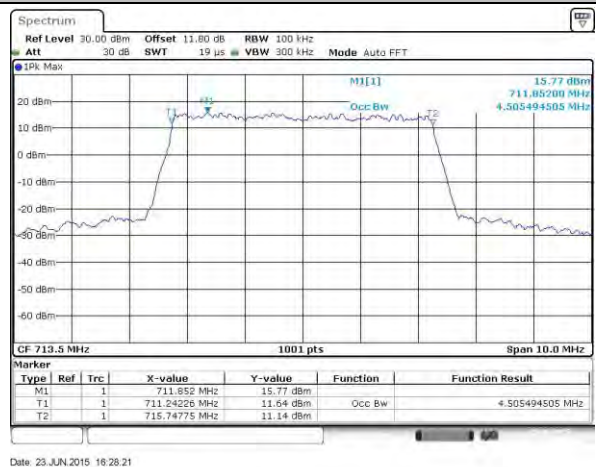
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



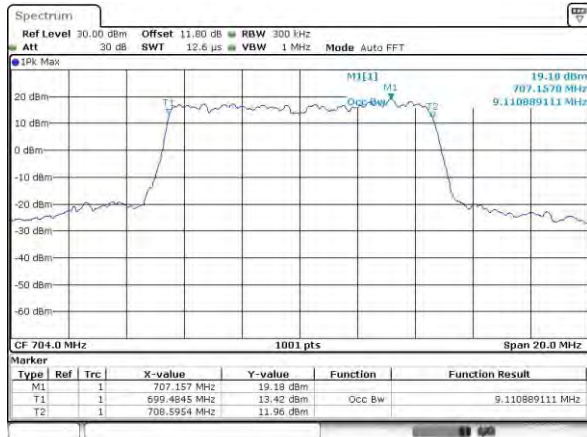
Highest Channel / 5MHz / 16QAM



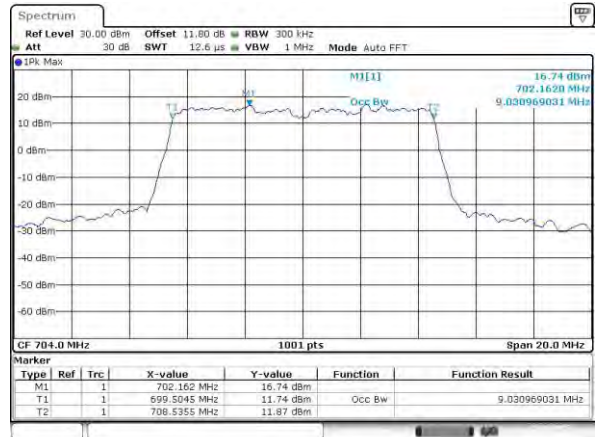


LTE Band 12

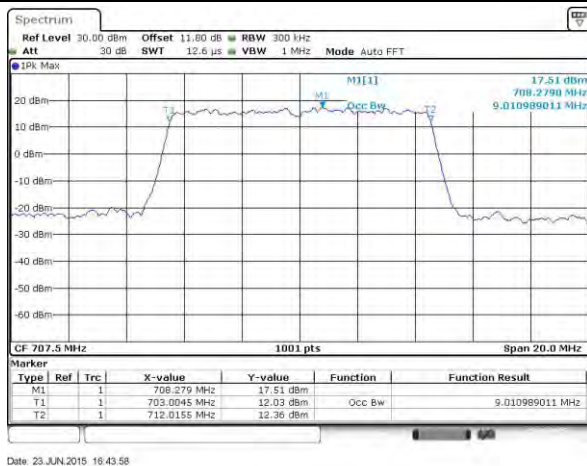
Lowest Channel / 10MHz / QPSK



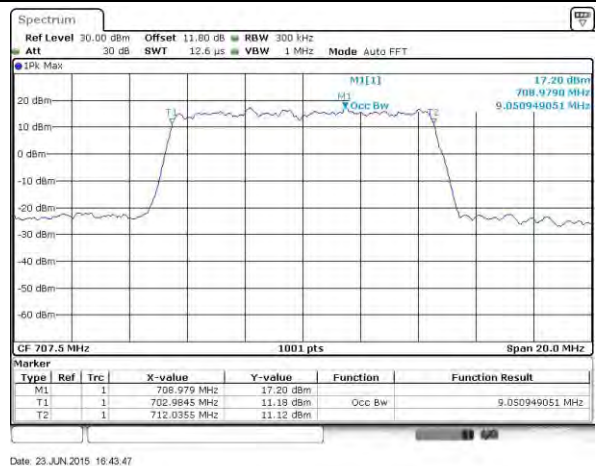
Lowest Channel / 10MHz / 16QAM



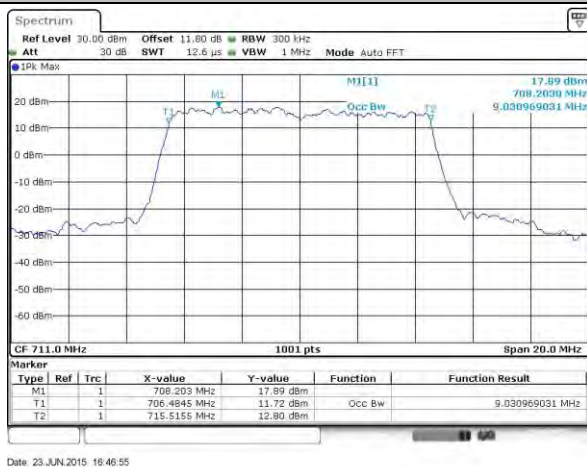
Middle Channel / 10MHz / QPSK



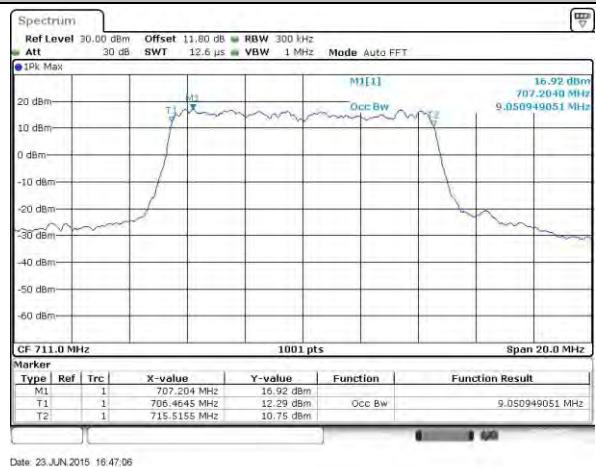
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 12 / 1.4MHz / 16QAM

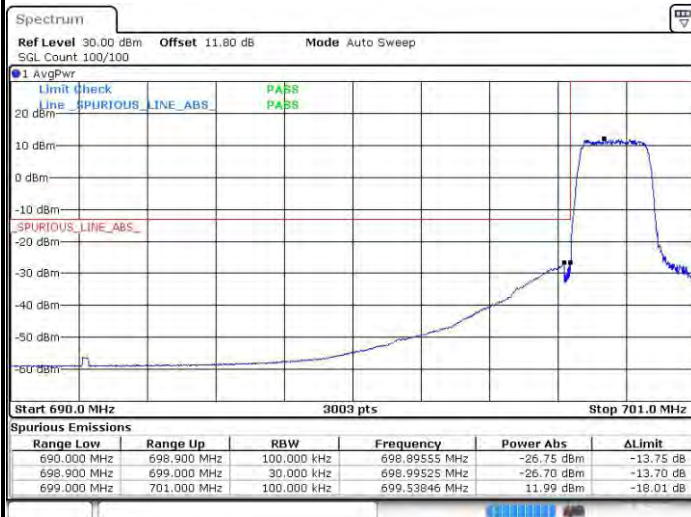
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



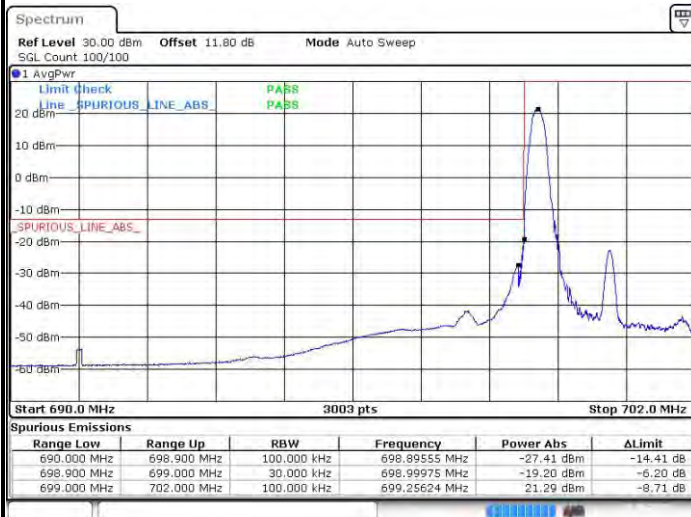
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

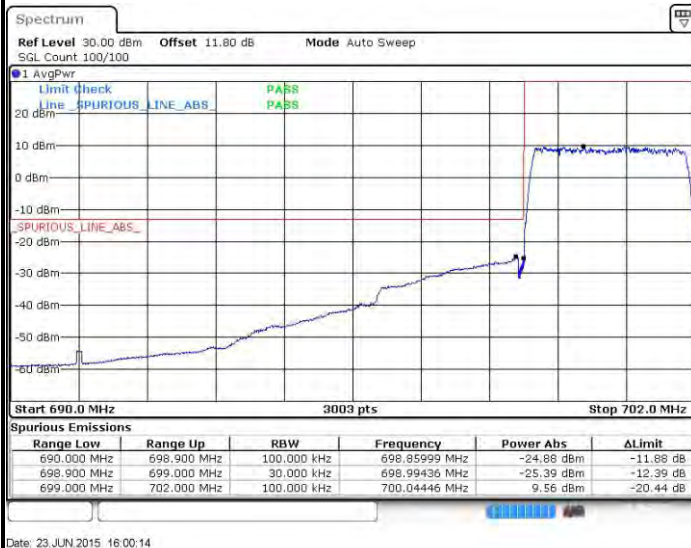
Lowest Band Edge / 1RB



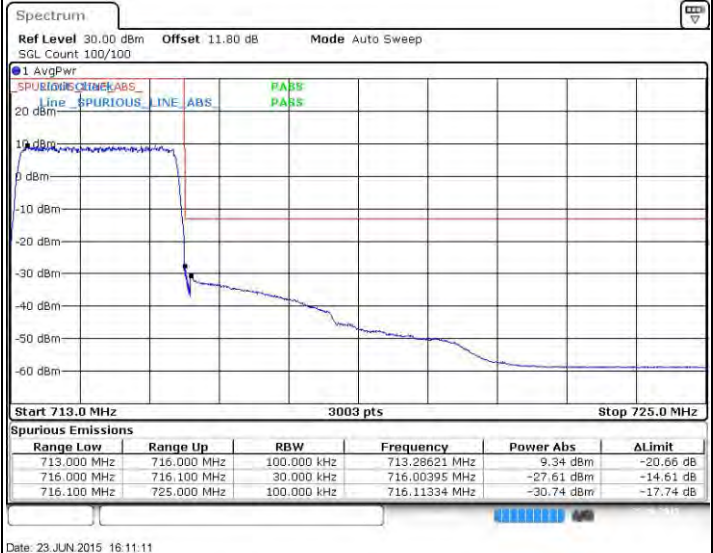
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



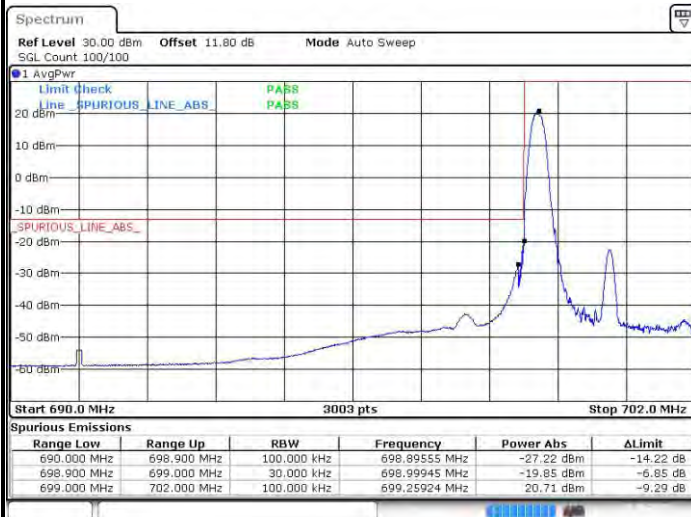
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / 16QAM

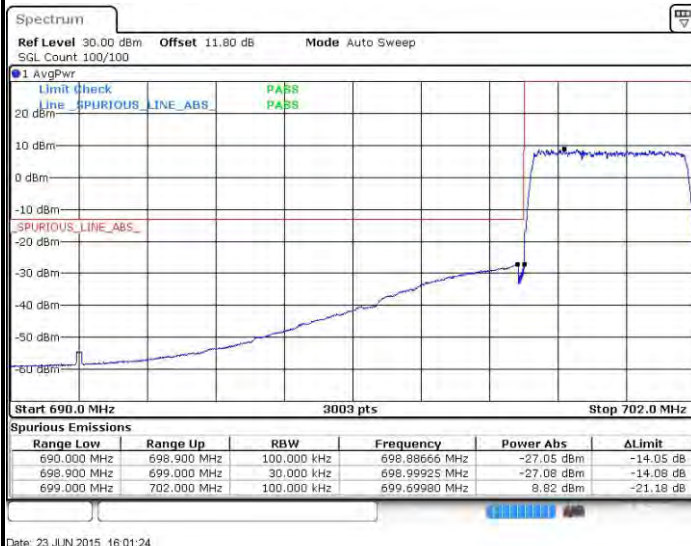
Lowest Band Edge / 1 RB



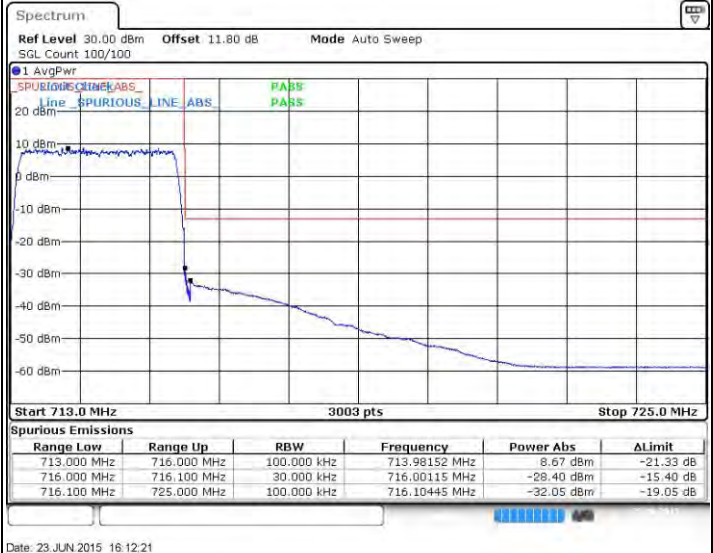
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



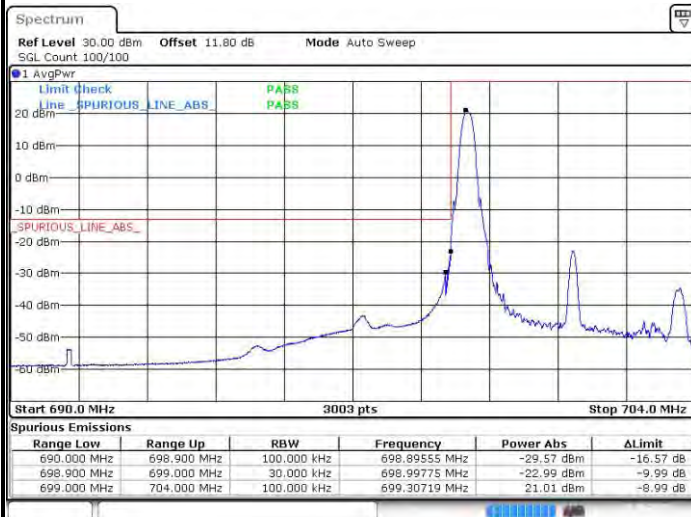
Highest Band Edge / Full RB



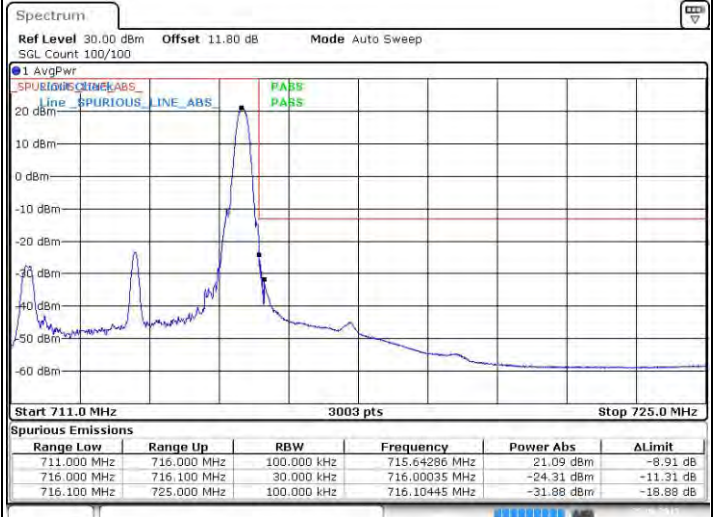


LTE Band 12 / 5MHz / QPSK

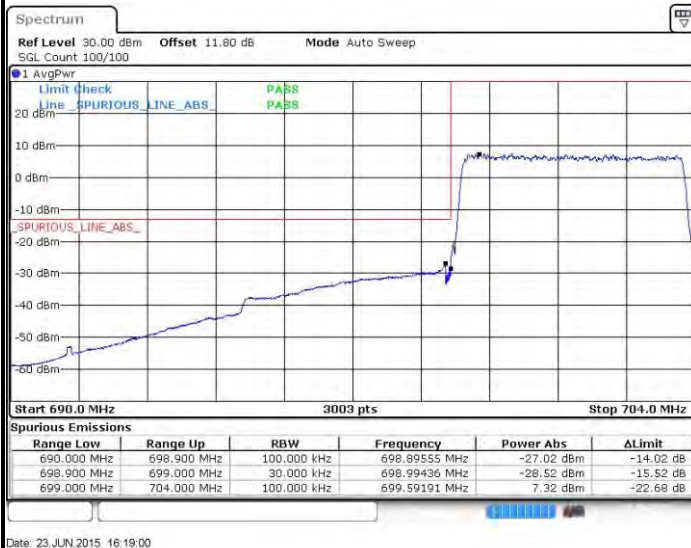
Lowest Band Edge / 1 RB



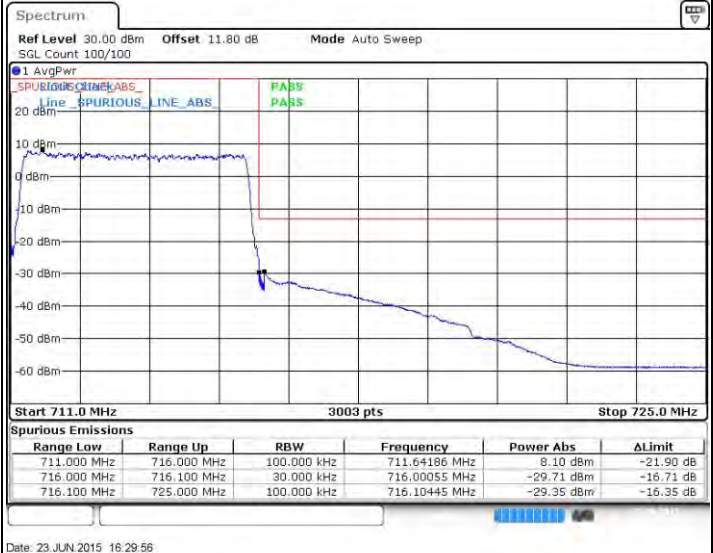
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



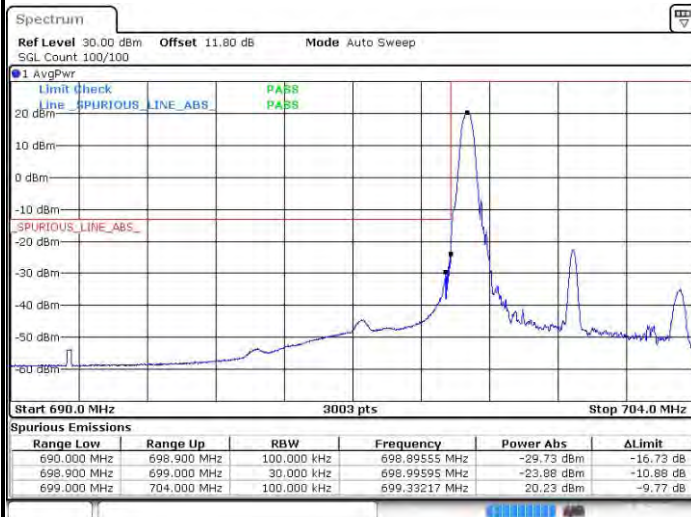
Highest Band Edge / Full RB



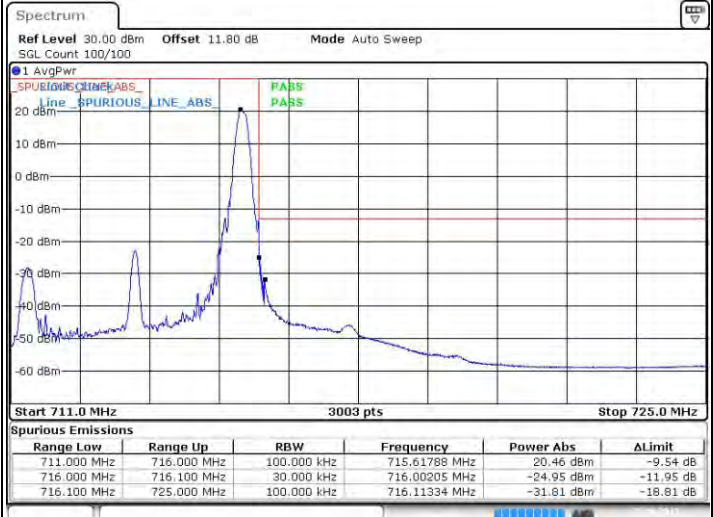


LTE Band 12 / 5MHz / 16QAM

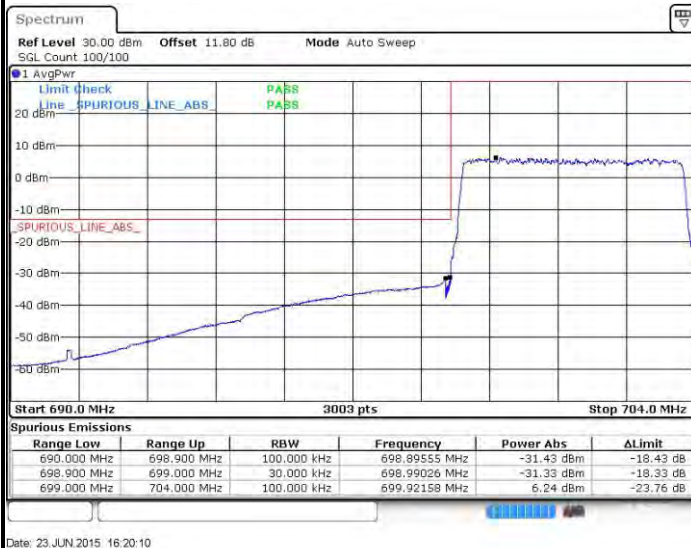
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



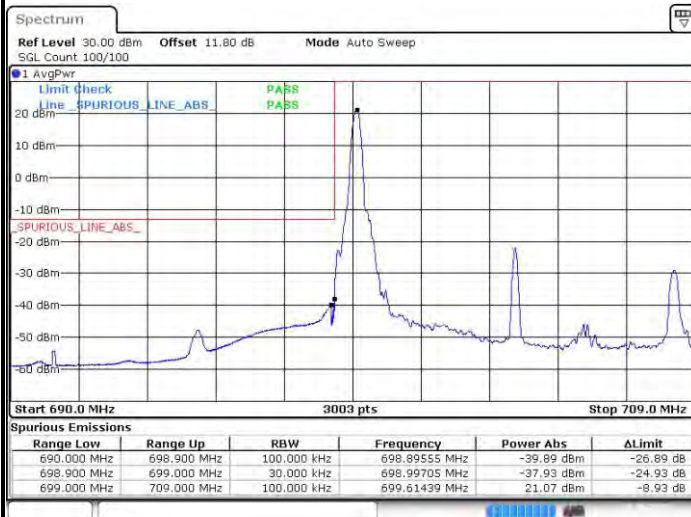
Highest Band Edge / Full RB



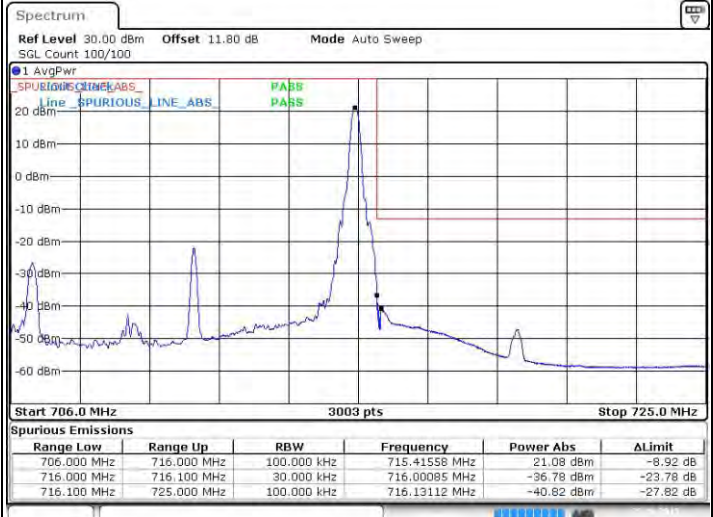


LTE Band 12 / 10MHz / QPSK

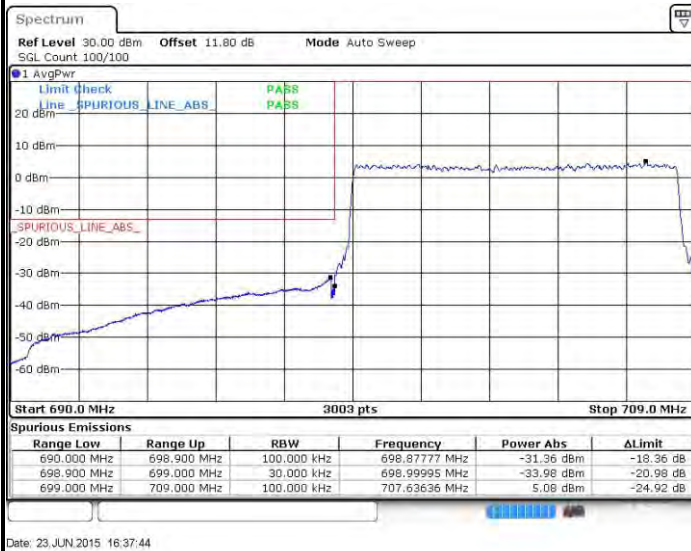
Lowest Band Edge / 1 RB



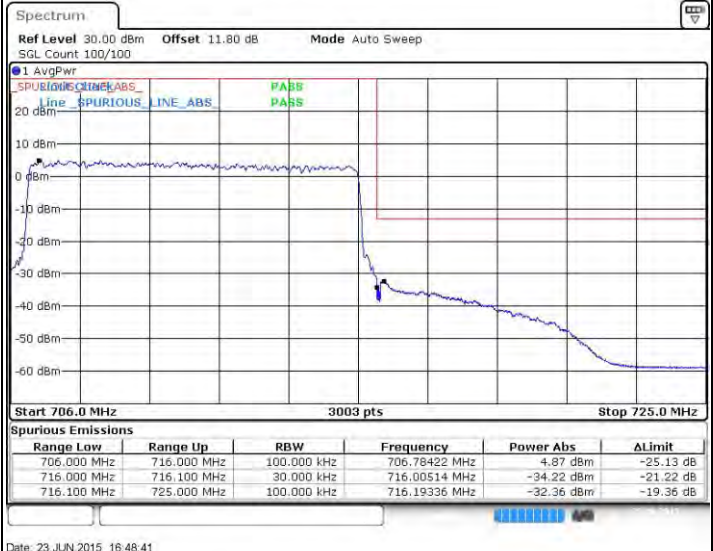
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



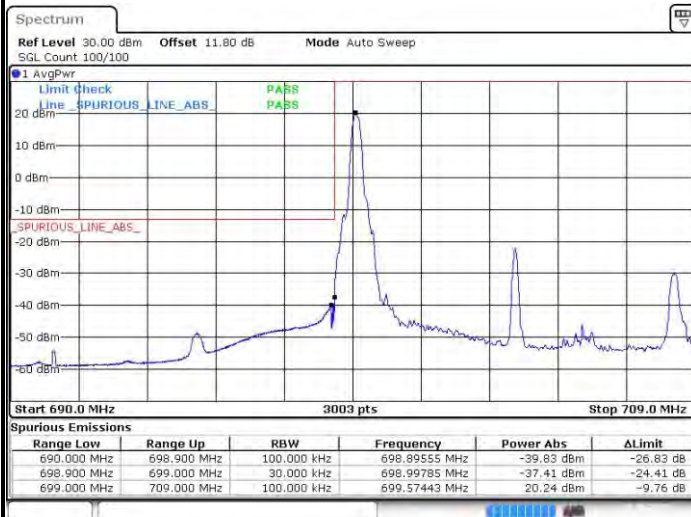
Highest Band Edge / Full RB



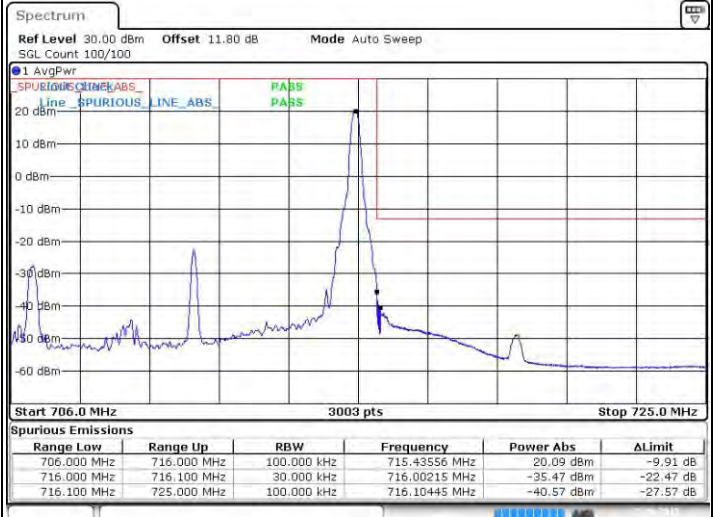


LTE Band 12 / 10MHz / 16QAM

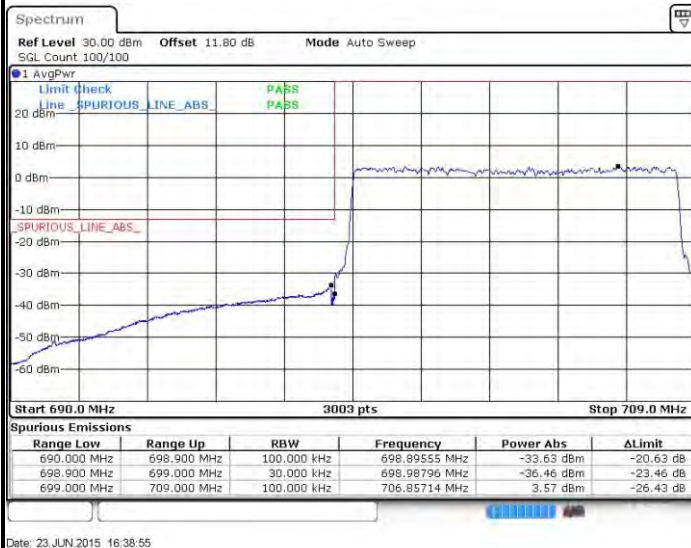
Lowest Band Edge / 1 RB



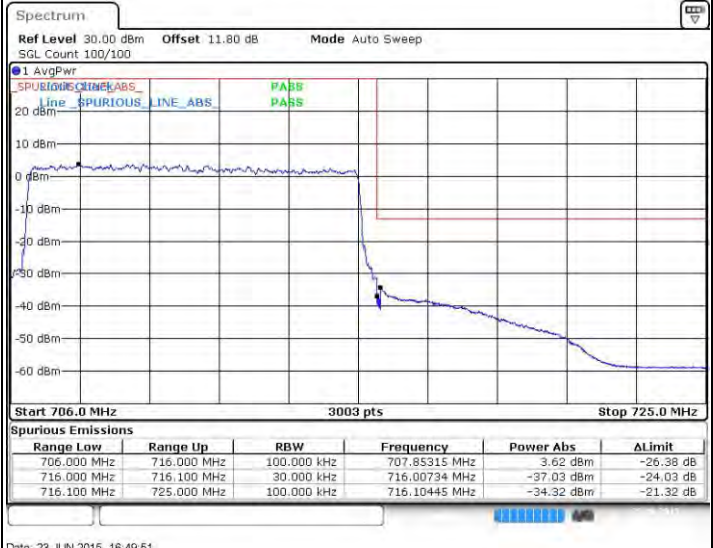
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

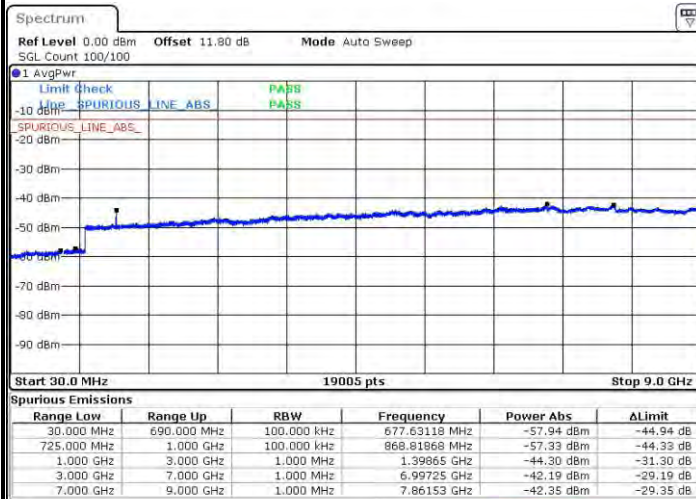




Conducted Spurious Emission

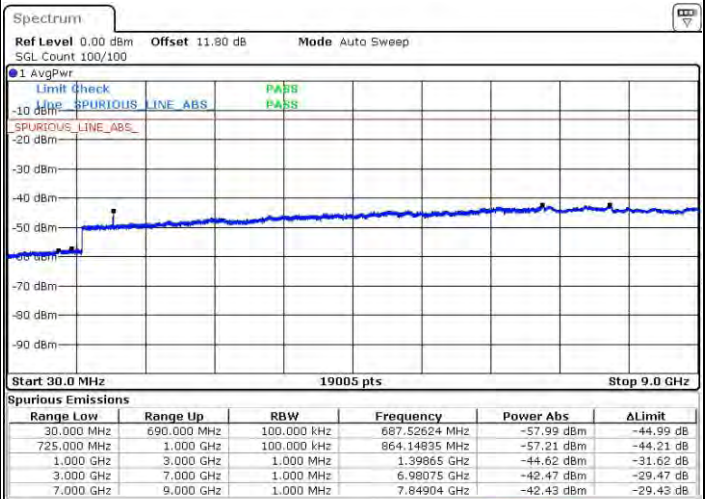
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



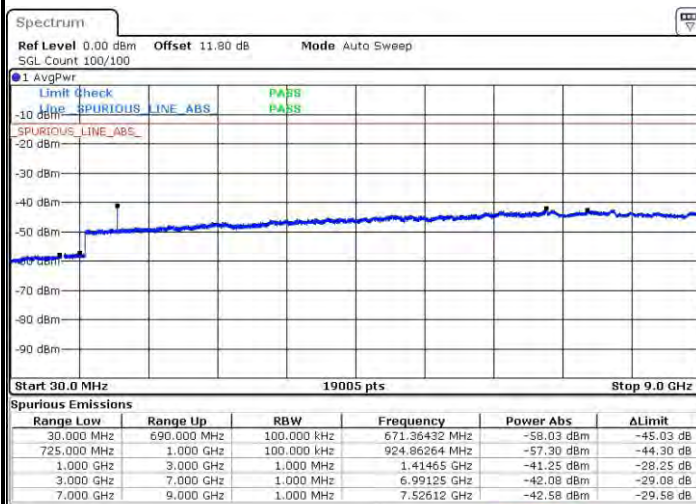
Date: 23 JUN 2015 17:03:14

Lowest Channel / 16QAM



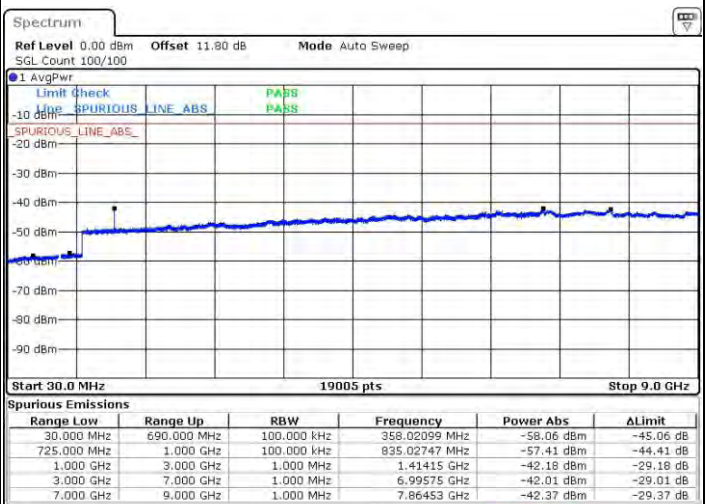
Date: 23 JUN 2015 17:04:24

Middle Channel / QPSK



Date: 23 JUN 2015 17:07:33

Middle Channel / 16QAM

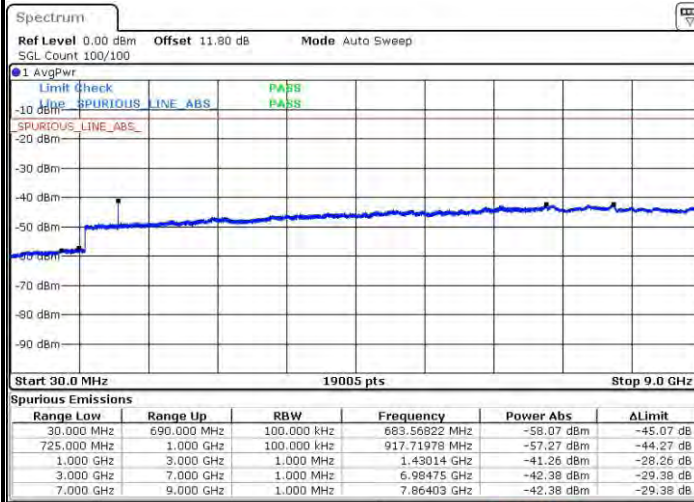


Date: 23 JUN 2015 17:06:23



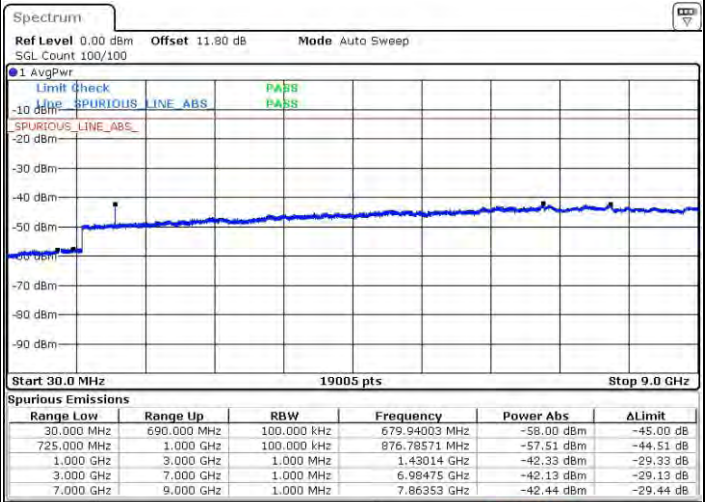
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 23 JUN 2015 17:14:13

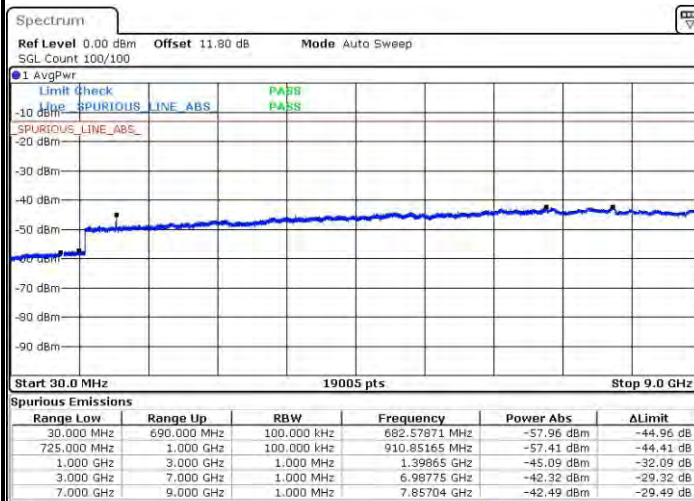
Highest Channel / 16QAM



Date: 23 JUN 2015 17:15:23

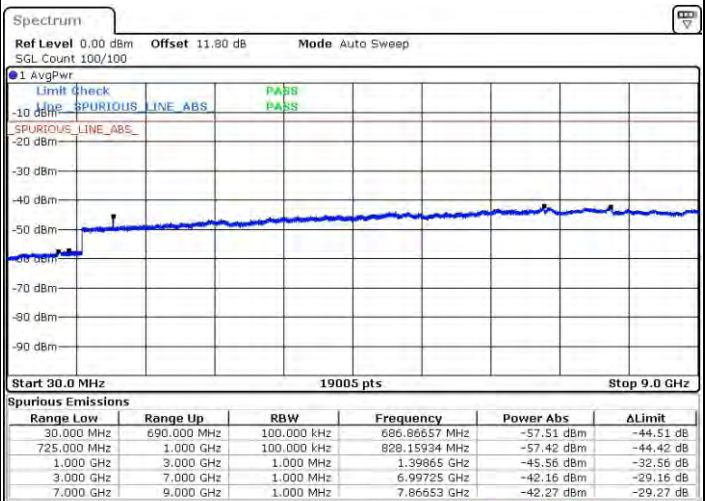
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 23 JUN 2015 16:04:55

Lowest Channel / 16QAM

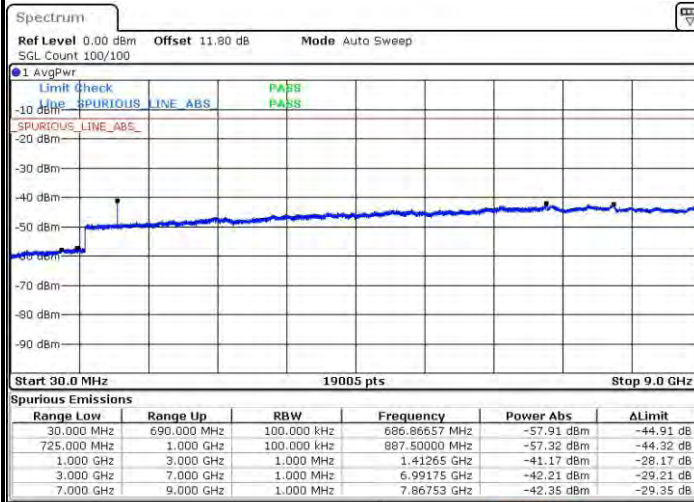


Date: 23 JUN 2015 16:06:05



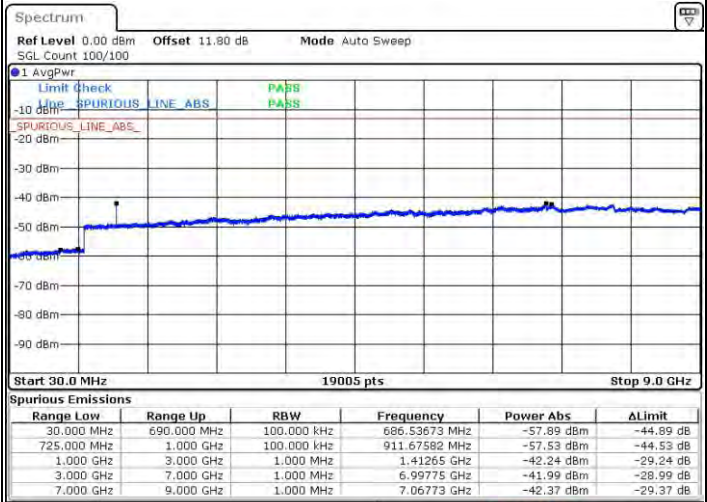
LTE Band 12 / 3MHz

Middle Channel / QPSK



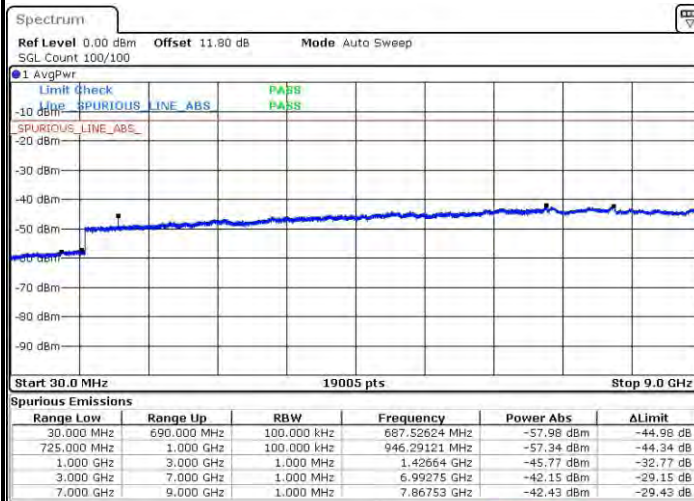
Date: 23 JUN 2015 16:09:14

Middle Channel / 16QAM



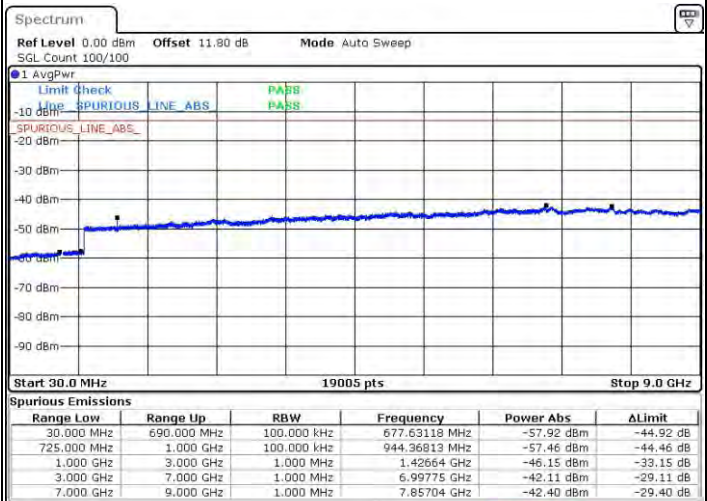
Date: 23 JUN 2015 16:08:04

Highest Channel / QPSK



Date: 23 JUN 2015 16:15:52

Highest Channel / 16QAM

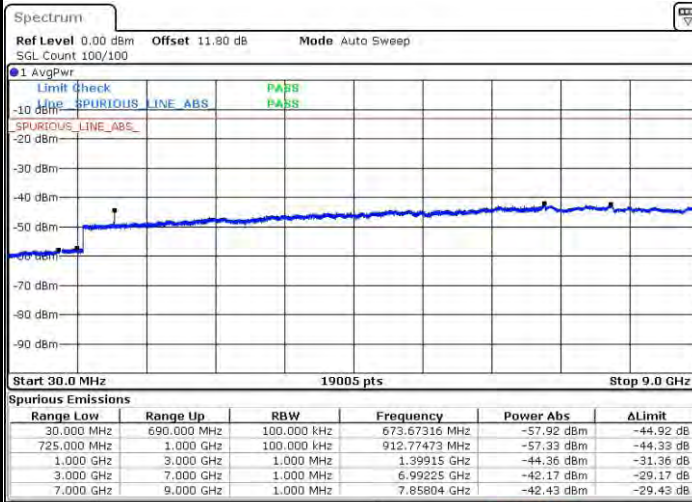


Date: 23 JUN 2015 16:17:02

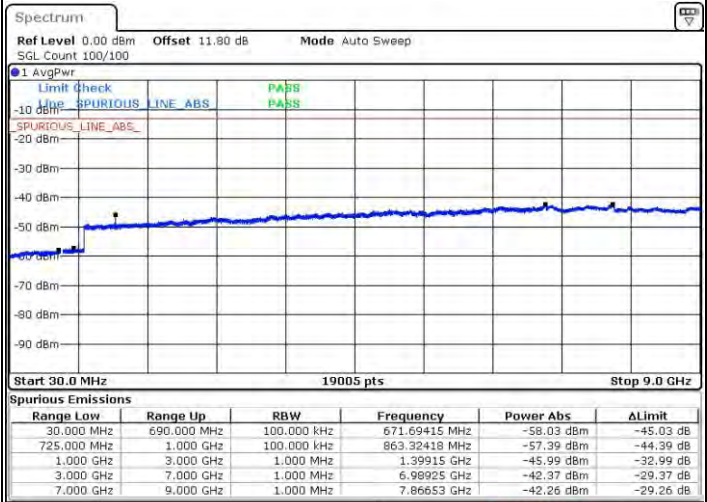


LTE Band 12 / 5MHz

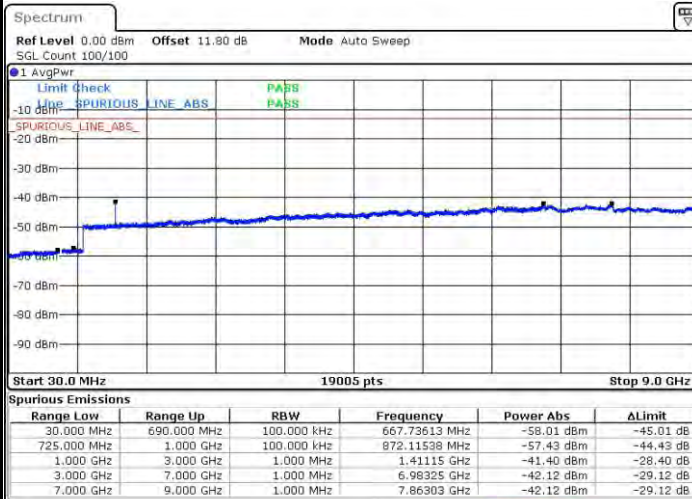
Lowest Channel / QPSK



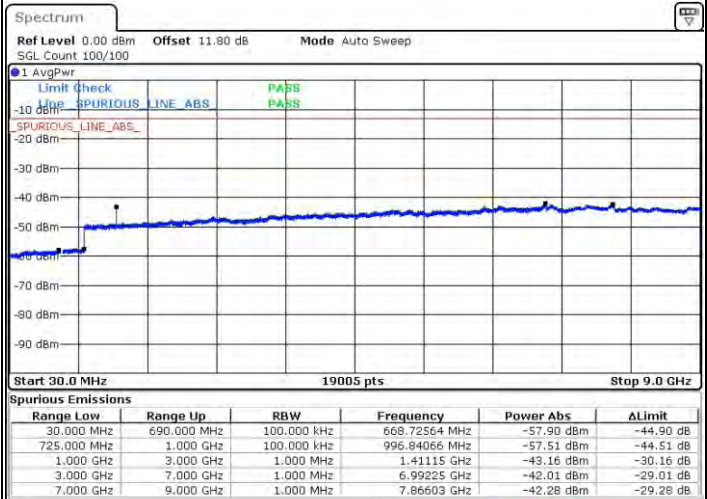
Lowest Channel / 16QAM



Middle Channel / QPSK



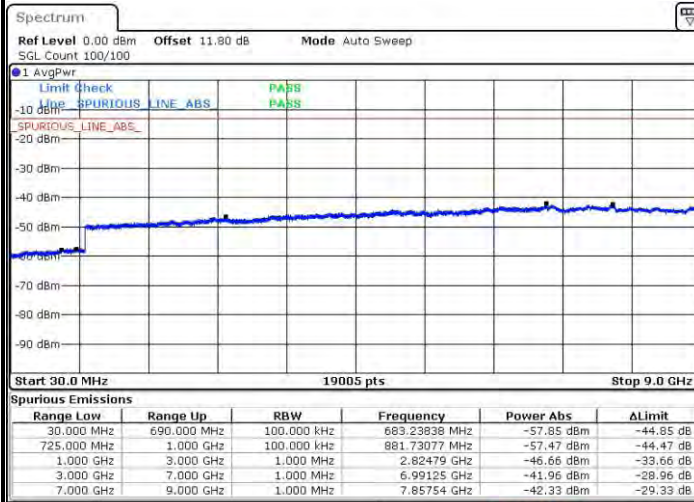
Middle Channel / 16QAM





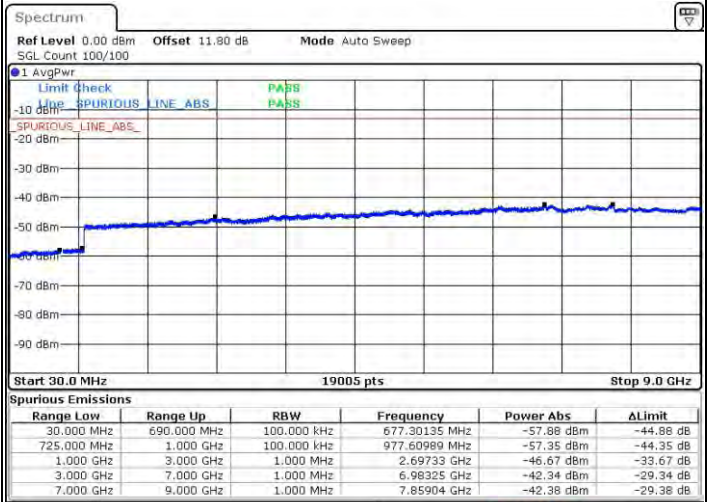
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 23 JUN 2015 16:35:47

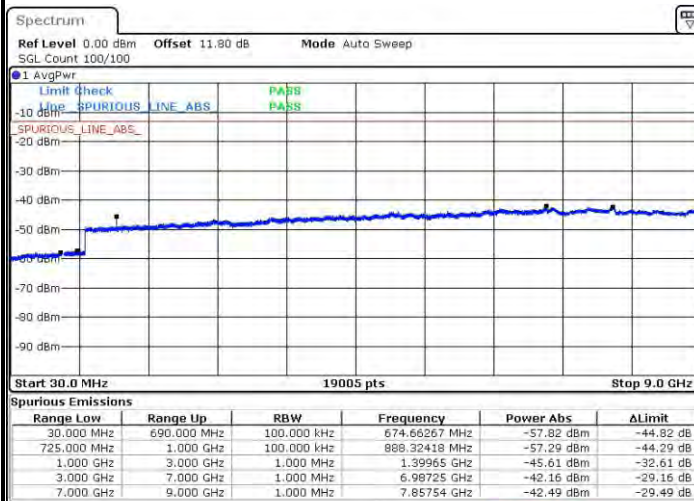
Highest Channel / 16QAM



Date: 23 JUN 2015 16:34:37

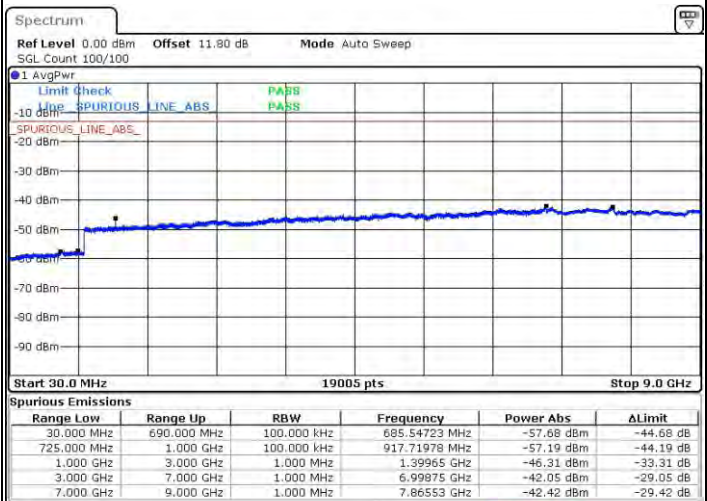
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 23 JUN 2015 16:42:26

Lowest Channel / 16QAM

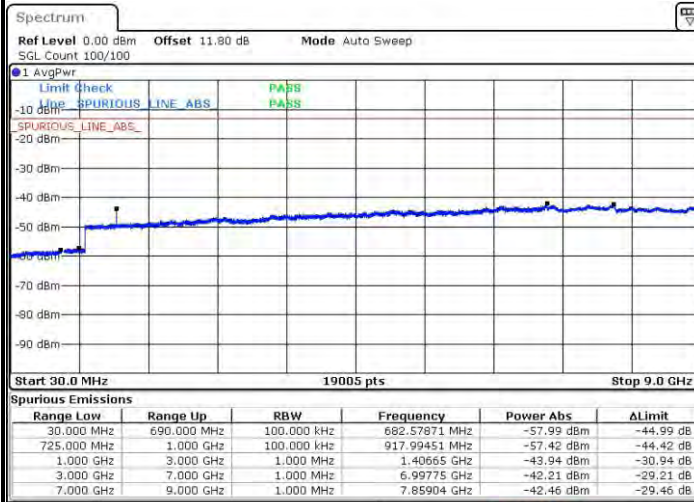


Date: 23 JUN 2015 16:43:36

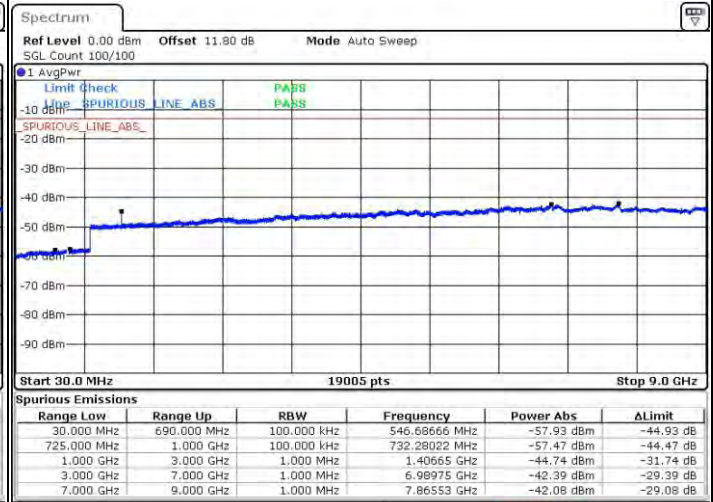


LTE Band 12 / 10MHz

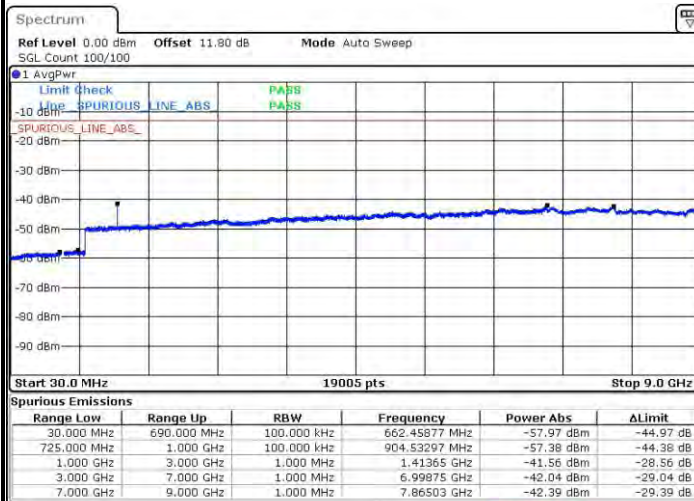
Middle Channel / QPSK



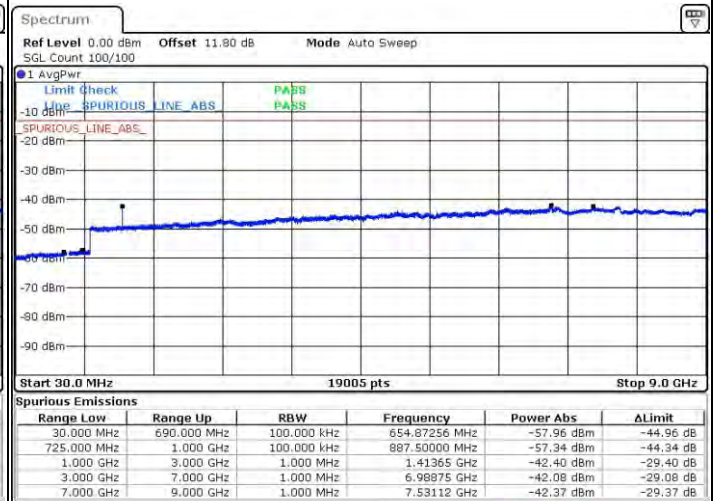
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0066	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0055	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



LTE Band 17

Conducted Output Power(Average power)

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.02	23.11	23.05
5	1	12		22.99	22.97	22.89
5	1	24		22.93	22.78	22.85
5	12	0		21.89	21.89	21.85
5	12	6		21.96	21.90	21.82
5	12	11		21.94	21.91	21.82
5	25	0		21.87	21.92	21.89
5	1	0	16-QAM	22.23	22.23	22.27
5	1	12		22.13	22.12	22.13
5	1	24		22.22	22.10	22.07
5	12	0		20.74	20.79	20.73
5	12	6		20.83	20.79	20.80
5	12	11		20.88	20.79	20.78
5	25	0		20.84	20.89	20.79
10	1	0	QPSK	23.18	23.08	23.02
10	1	24		23.03	23.03	22.73
10	1	49		22.91	23.02	22.83
10	25	0		22.01	21.90	21.95
10	25	12		22.11	22.00	21.90
10	25	24		22.05	21.94	21.87
10	50	0		22.03	22.00	21.99
10	1	0	16-QAM	22.36	22.16	22.31
10	1	24		22.32	21.99	22.13
10	1	49		22.31	21.99	22.23
10	25	0		21.15	21.03	20.92
10	25	12		20.92	20.84	21.05
10	25	24		20.86	20.85	20.81
10	50	0		20.98	20.94	20.83

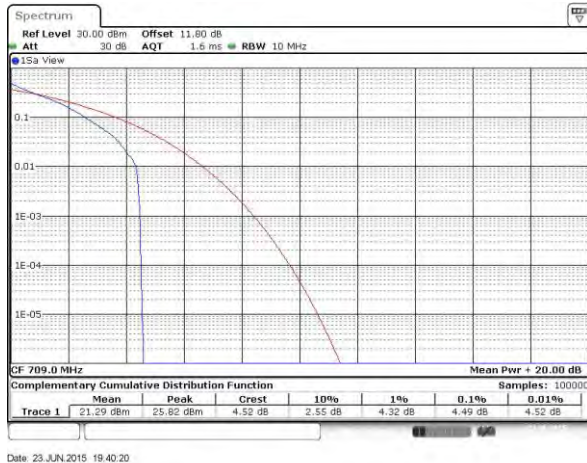
**Peak-to-Average Ratio**

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	4.70	5.45	5.74	PASS
Middle CH	4.67	4.70	5.25	5.68	
Highest CH	4.67	4.75	5.22	5.68	

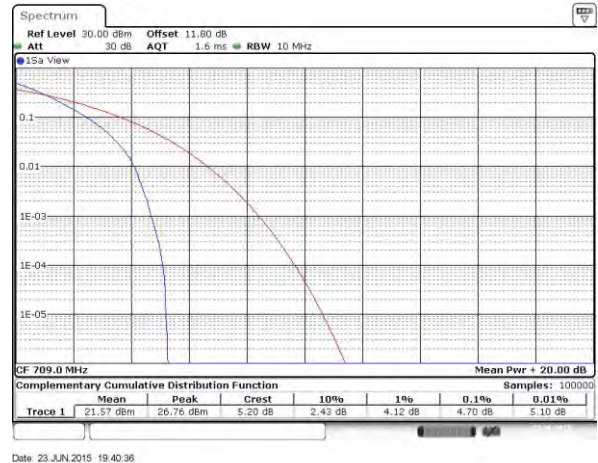


LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel/ 1RB



Middle Channel / Full RB



Highest Channel/ 1RB



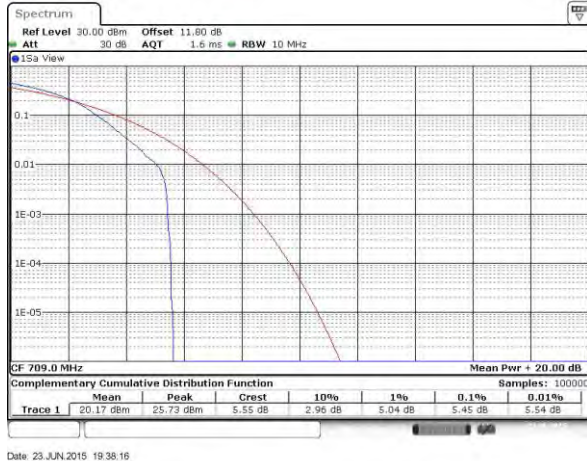
Highest Channel / Full RB



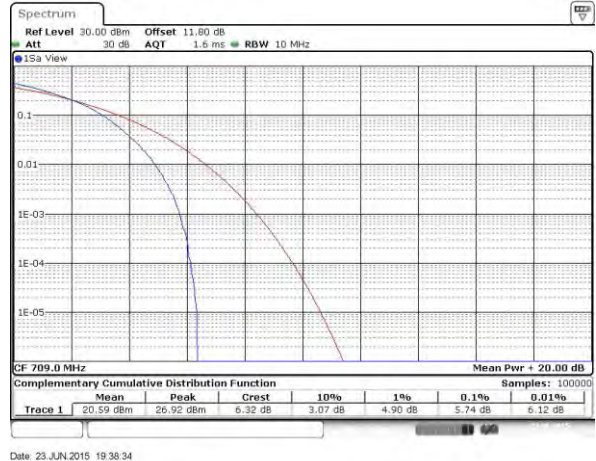


LTE Band 17 / 10MHz / 16QAM

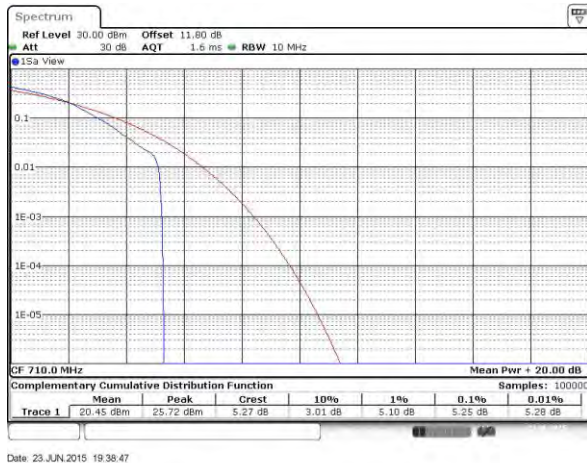
Lowest Channel / 1RB



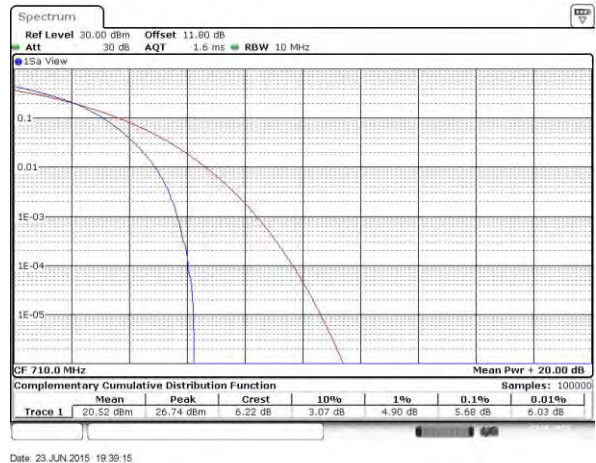
Lowest Channel / Full RB



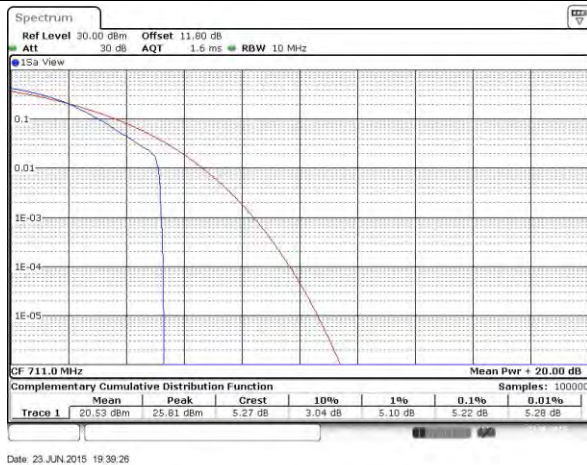
Middle Channel/ 1RB



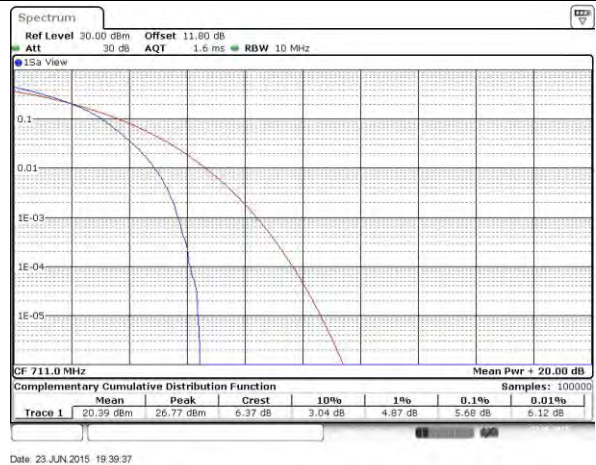
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB



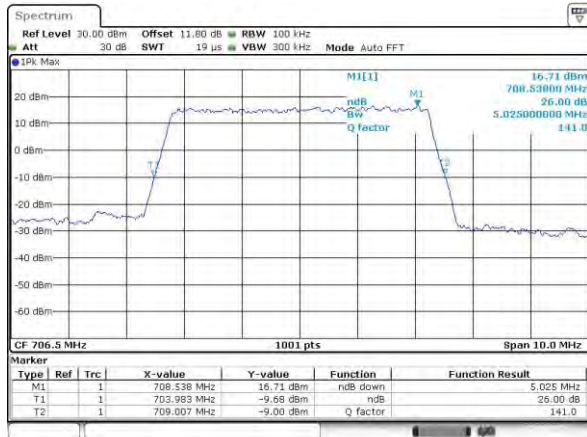
**26dB Bandwidth**

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.03	5.04	10.07	10.03	-	-	-	-
Middle CH	-	-	-	-	5.05	5.03	10.03	9.93	-	-	-	-
Highest CH	-	-	-	-	5.06	5.04	10.09	10.01	-	-	-	-

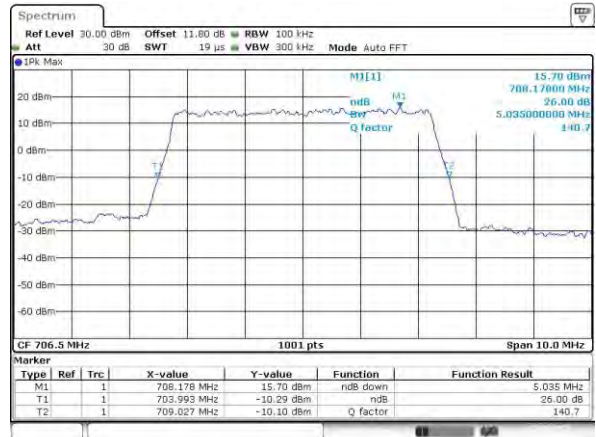


LTE Band 17

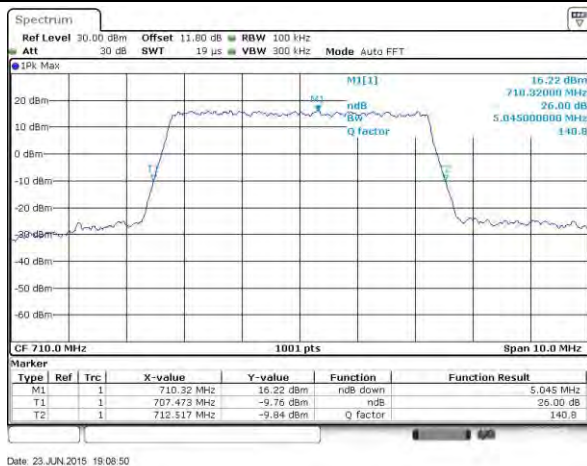
Lowest Channel / 5MHz / QPSK



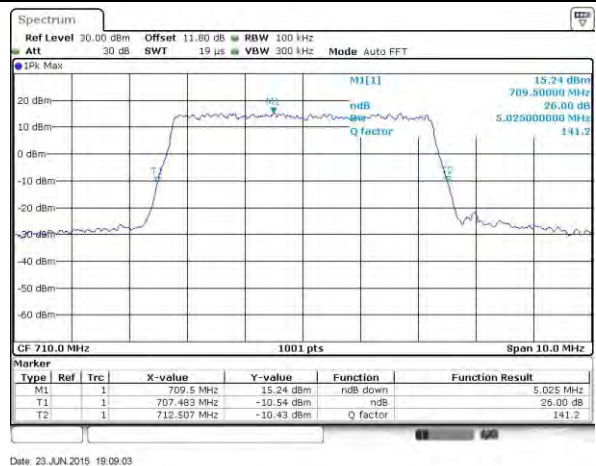
Lowest Channel / 5MHz / 16QAM



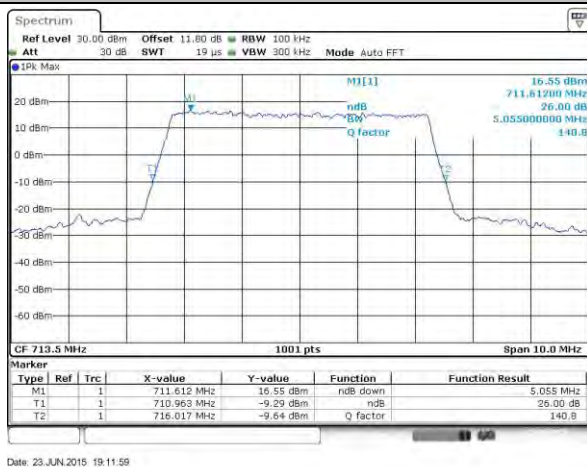
Middle Channel / 5MHz / QPSK



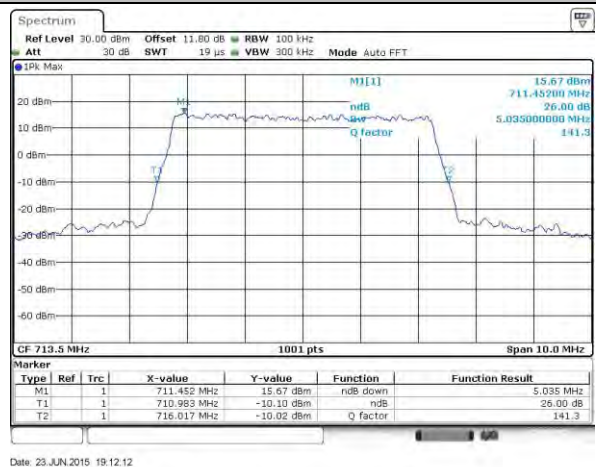
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



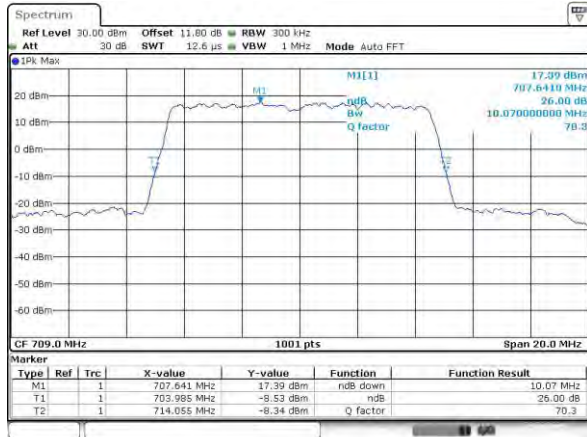
Highest Channel / 5MHz / 16QAM



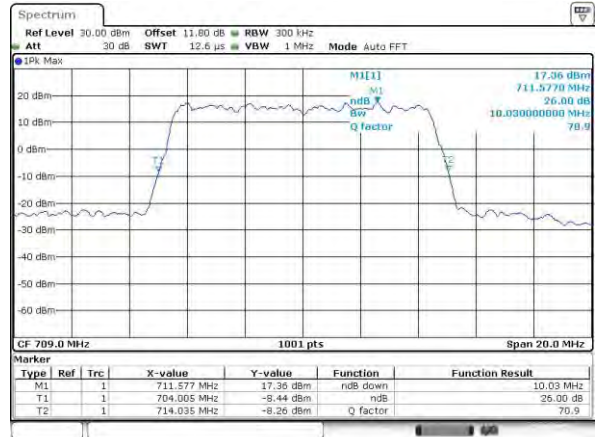


LTE Band 17

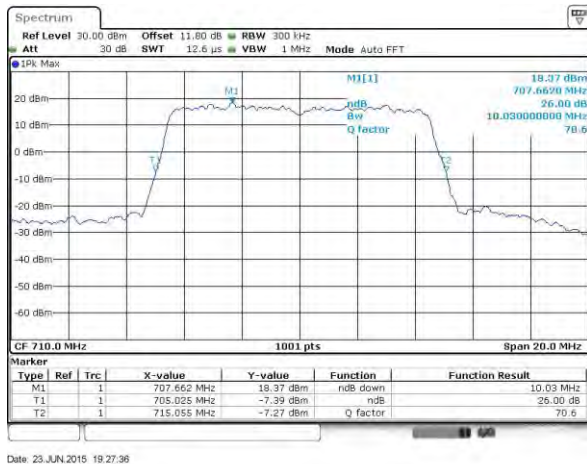
Lowest Channel / 10MHz / QPSK



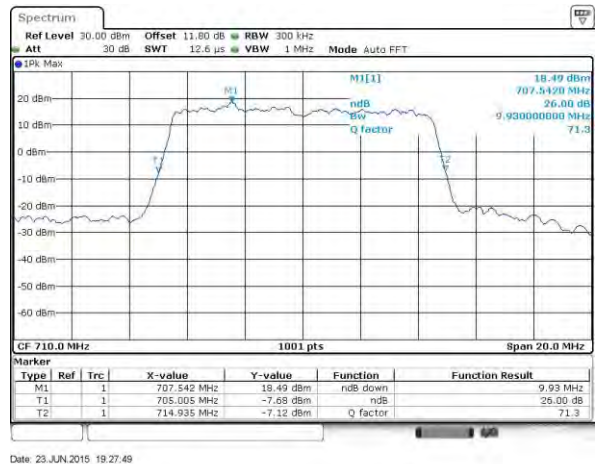
Lowest Channel / 10MHz / 16QAM



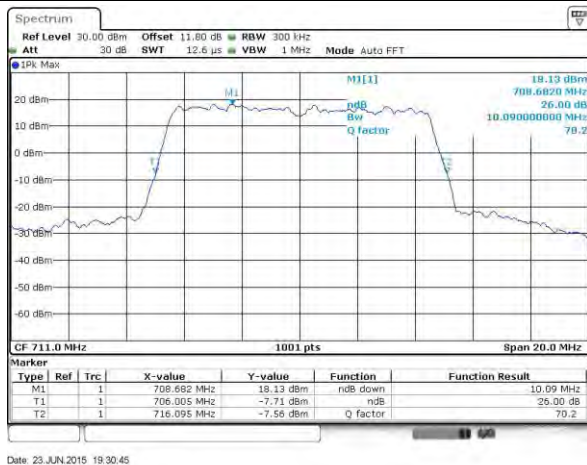
Middle Channel / 10MHz / QPSK



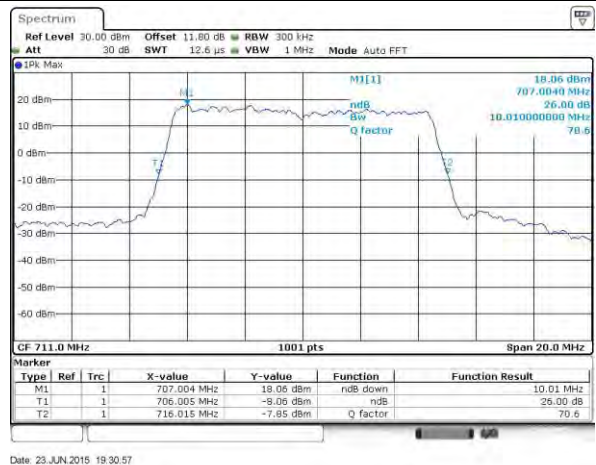
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



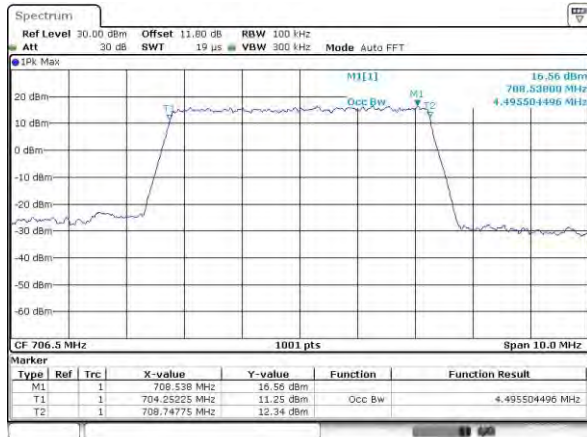
**Occupied Bandwidth**

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.50	9.07	9.03	-	-	-	-
Middle CH	-	-	-	-	4.50	4.49	9.07	9.01	-	-	-	-
Highest CH	-	-	-	-	4.52	4.51	9.07	9.01	-	-	-	-

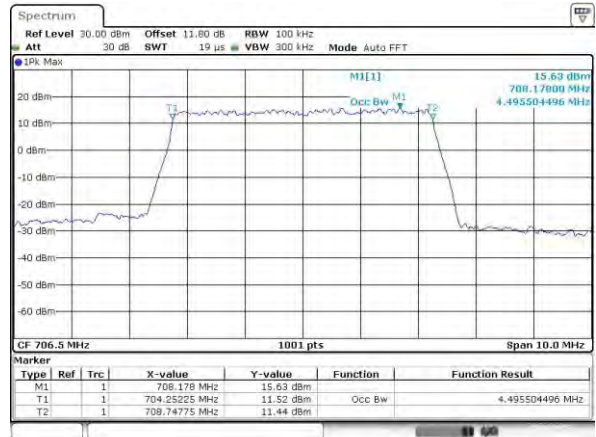


LTE Band 17

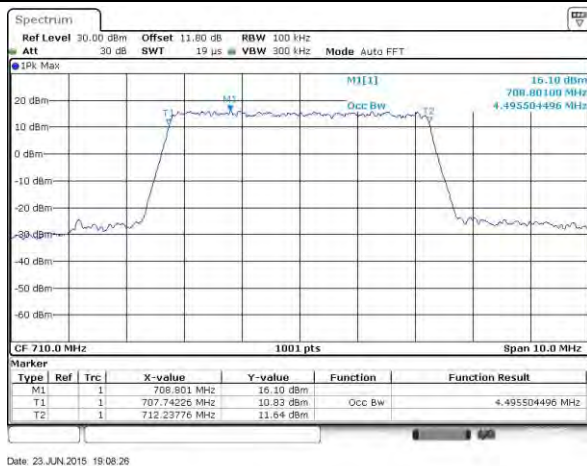
Lowest Channel / 5MHz / QPSK



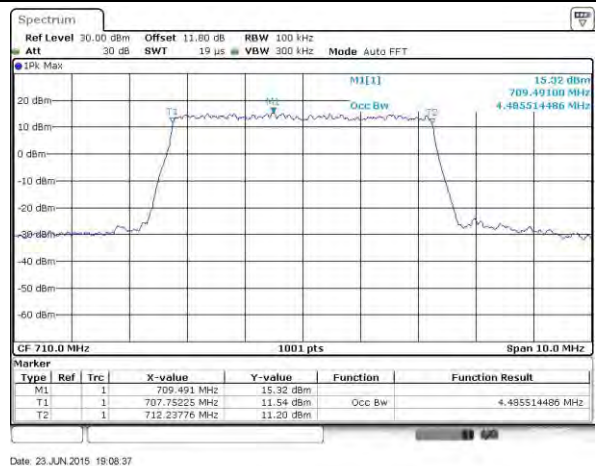
Lowest Channel / 5MHz / 16QAM



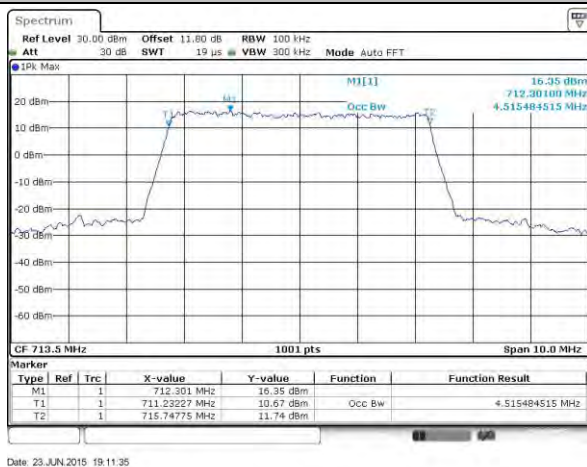
Middle Channel / 5MHz / QPSK



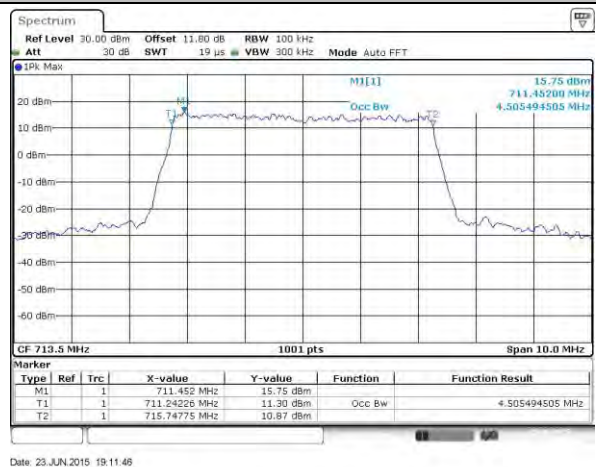
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



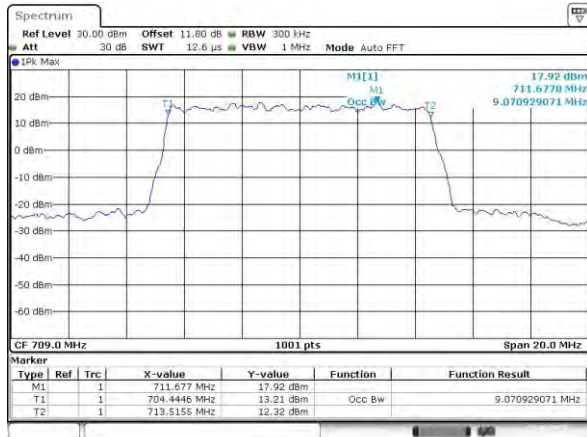
Highest Channel / 5MHz / 16QAM





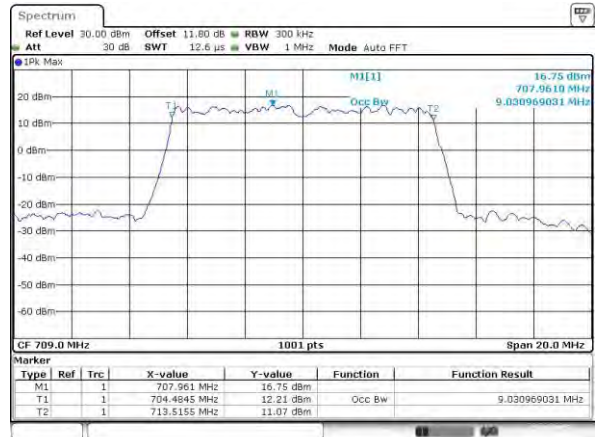
LTE Band 17

Lowest Channel / 10MHz / QPSK



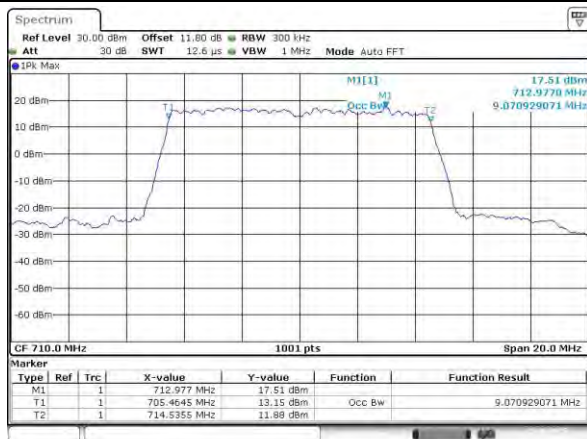
Date: 23 JUN 2015 19:19:24

Lowest Channel / 10MHz / 16QAM



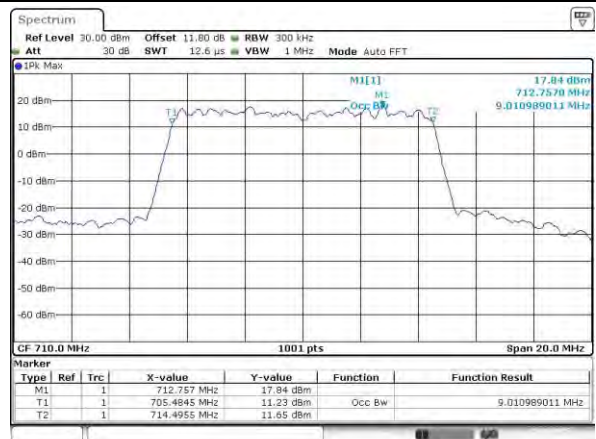
Date: 23 JUN 2015 19:19:35

Middle Channel / 10MHz / QPSK



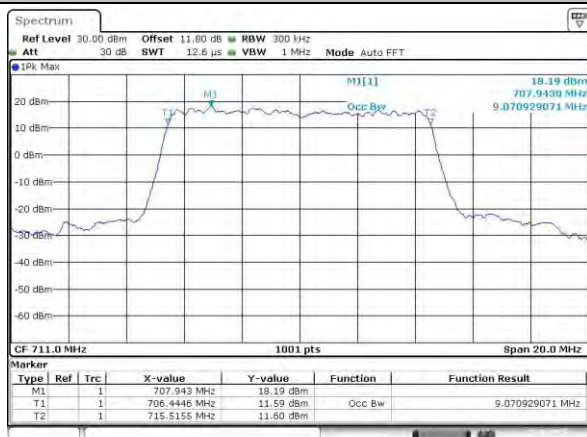
Date: 23 JUN 2015 19:27:12

Middle Channel / 10MHz / 16QAM



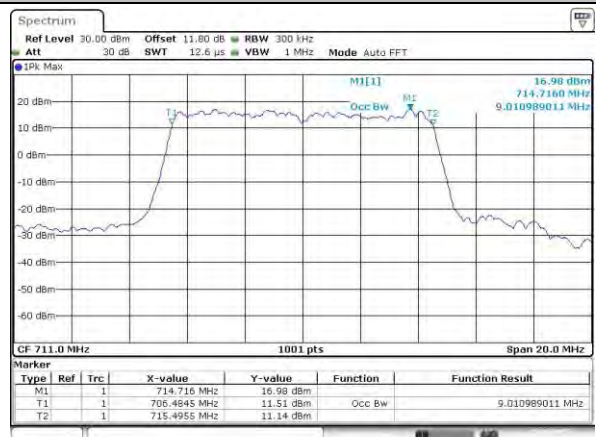
Date: 23 JUN 2015 19:27:23

Highest Channel / 10MHz / QPSK

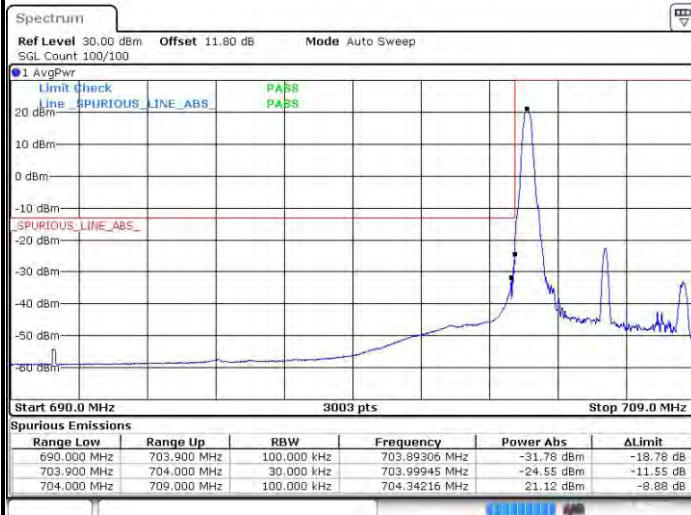
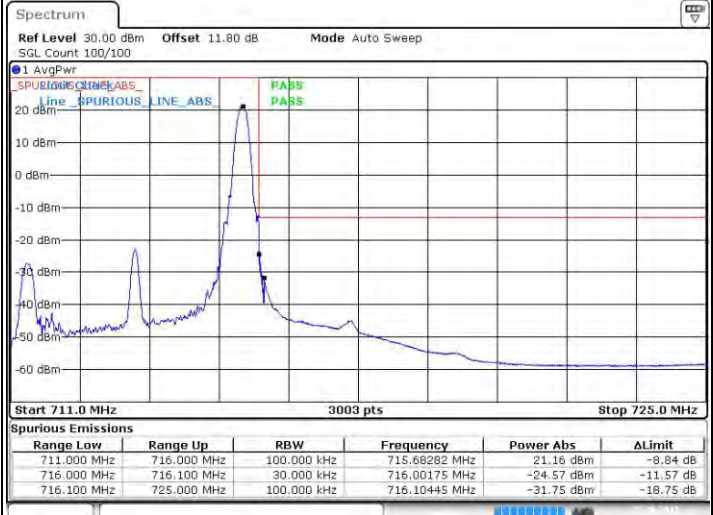
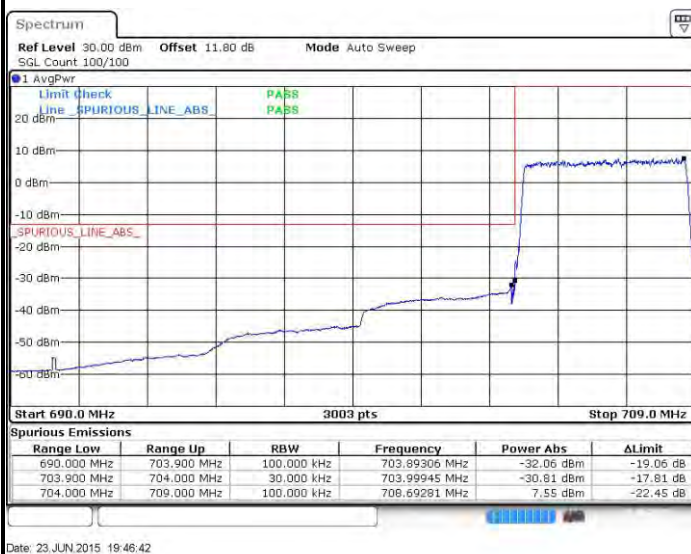
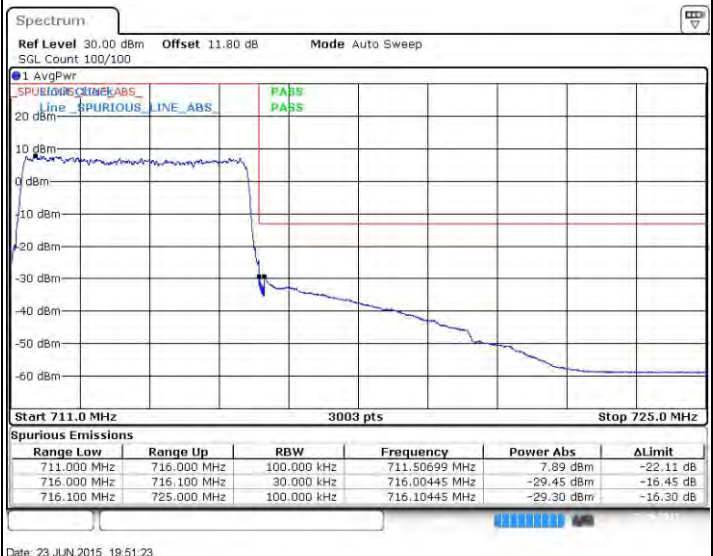


Date: 23 JUN 2015 19:30:21

Highest Channel / 10MHz / 16QAM



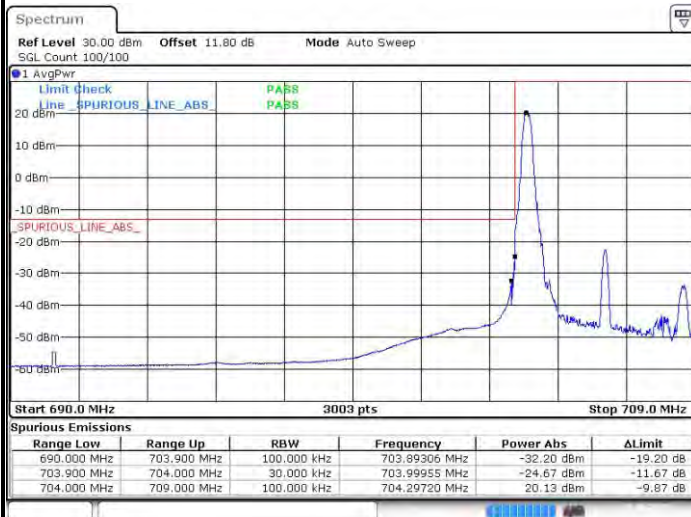
Date: 23 JUN 2015 19:30:32

**Conducted Band Edge****LTE Band 17 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

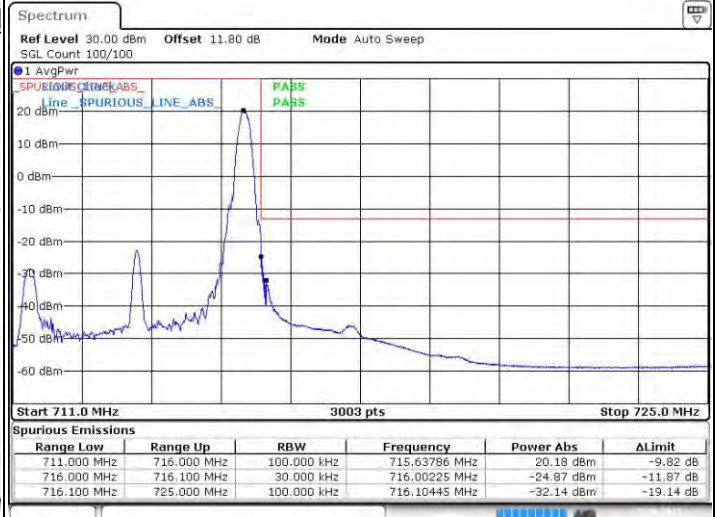


LTE Band 17 / 5MHz / 16QAM

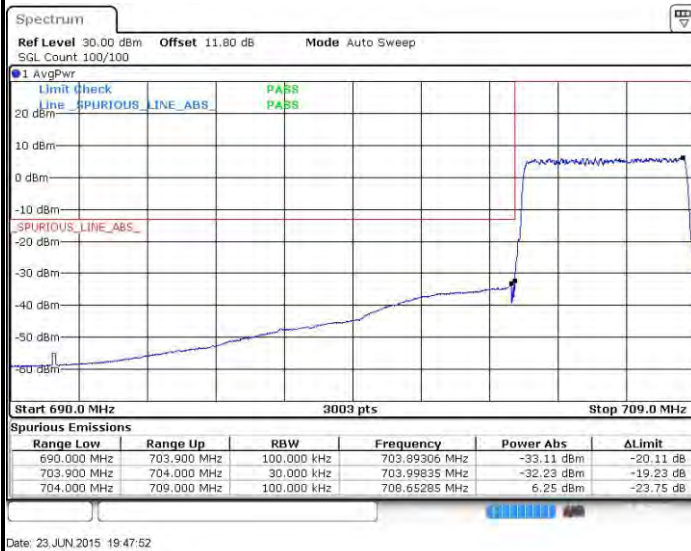
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



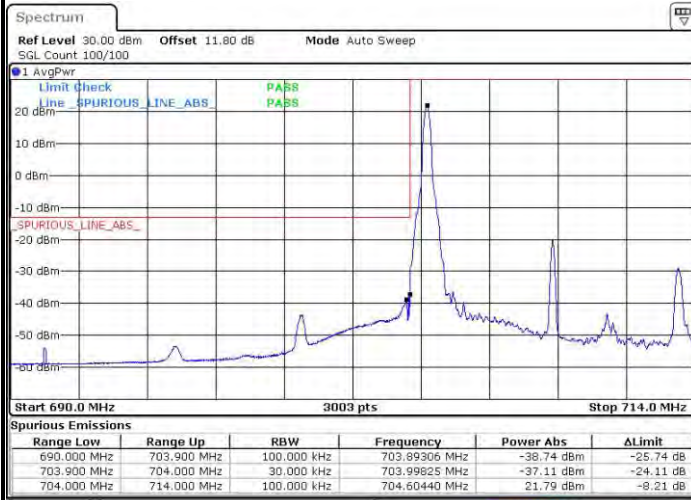
Highest Band Edge / Full RB



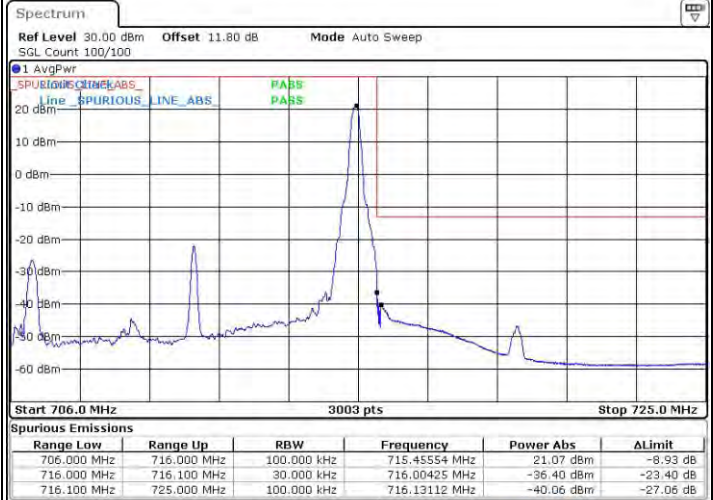


LTE Band 17 / 10MHz / QPSK

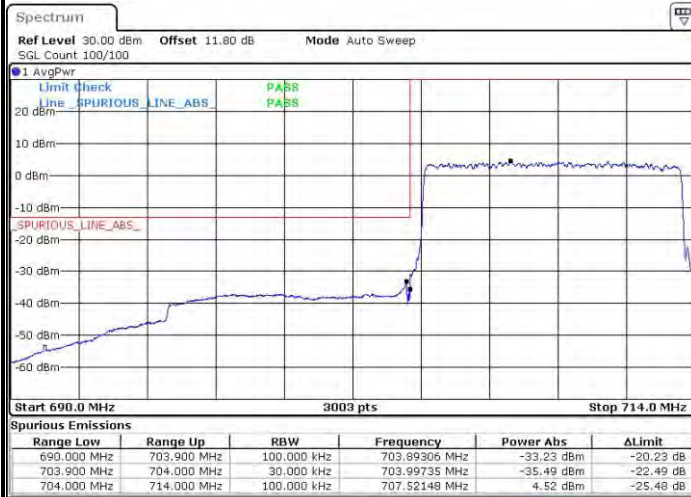
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



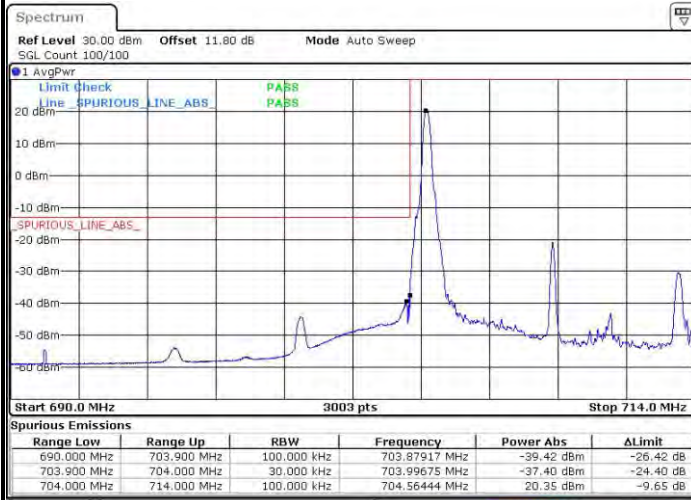
Highest Band Edge / Full RB



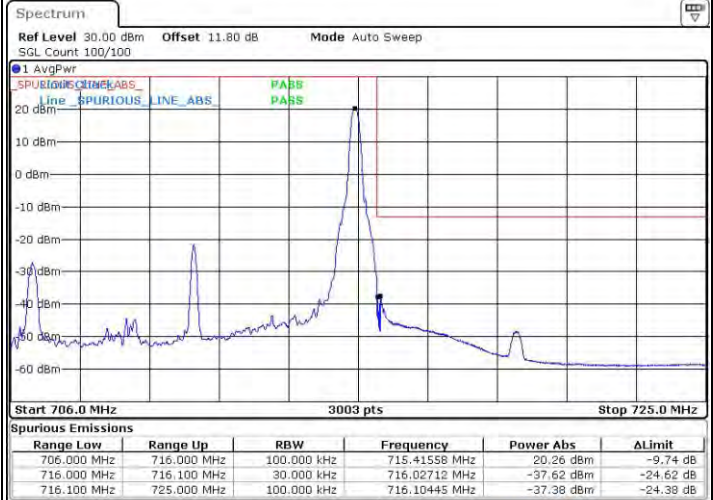


LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



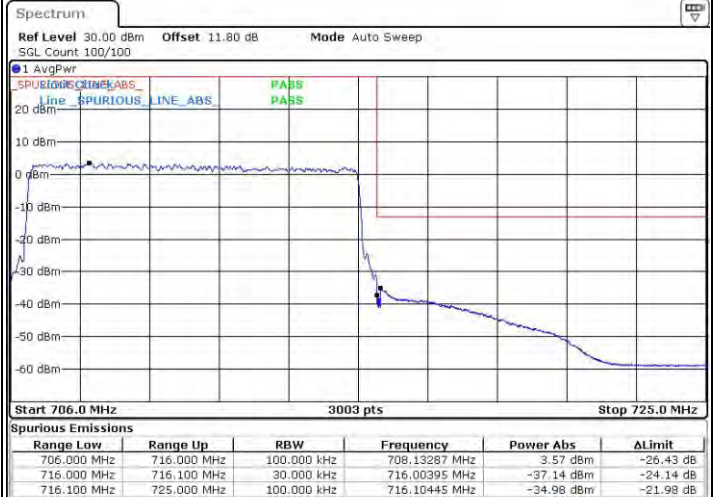
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

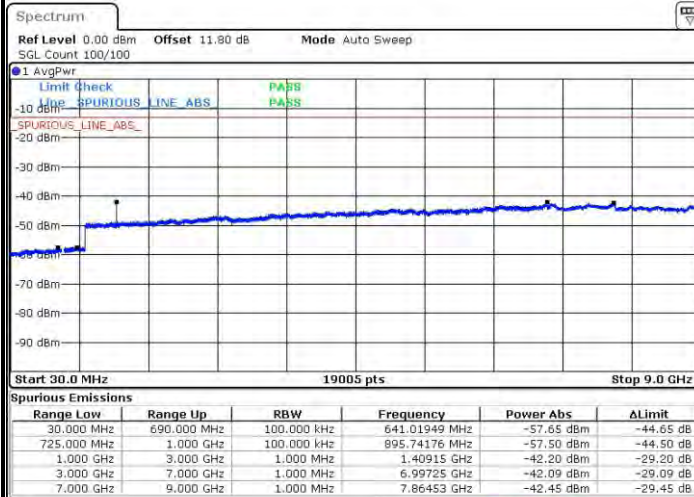




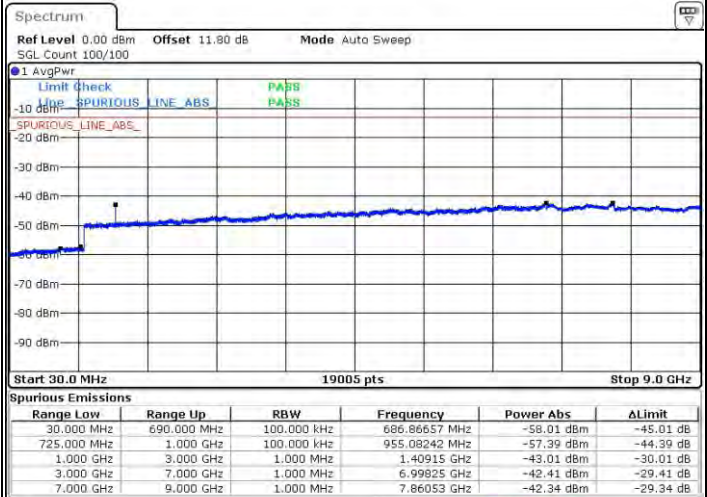
Conducted Spurious Emission

LTE Band 17 / 5MHz

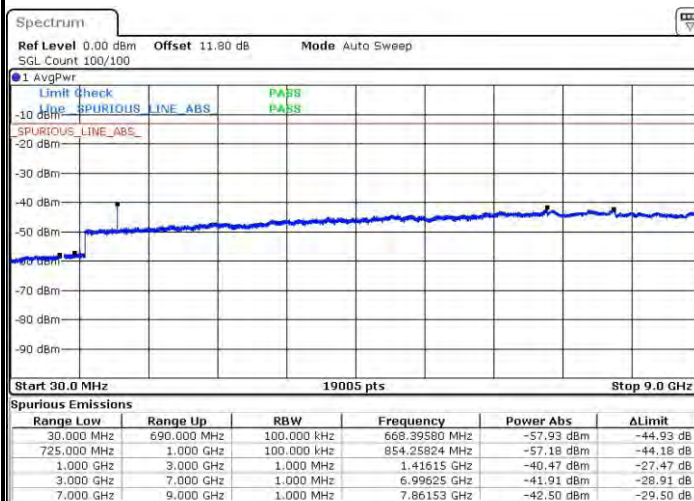
Lowest Channel / QPSK



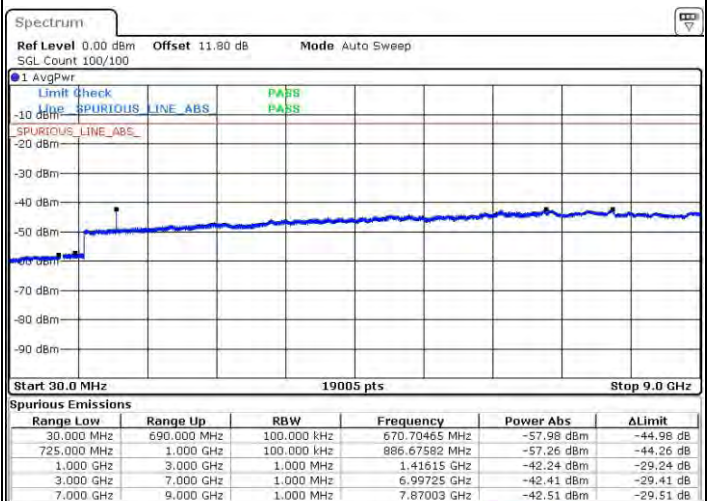
Lowest Channel / 16QAM



Middle Channel / QPSK



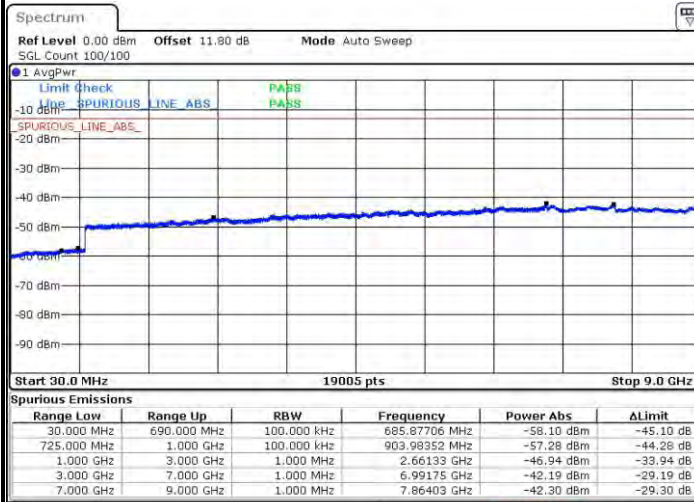
Middle Channel / 16QAM





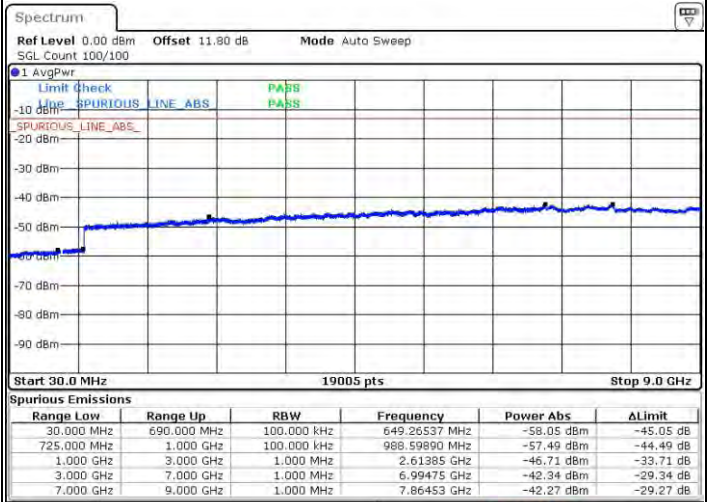
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 23 JUN 2015 19:18:02

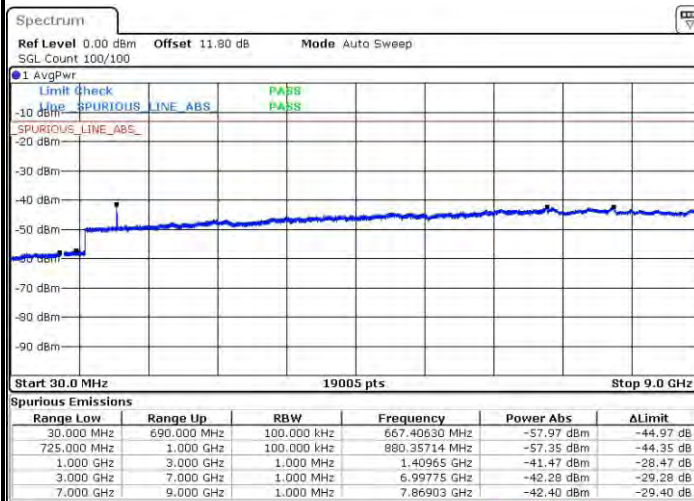
Highest Channel / 16QAM



Date: 23 JUN 2015 19:19:12

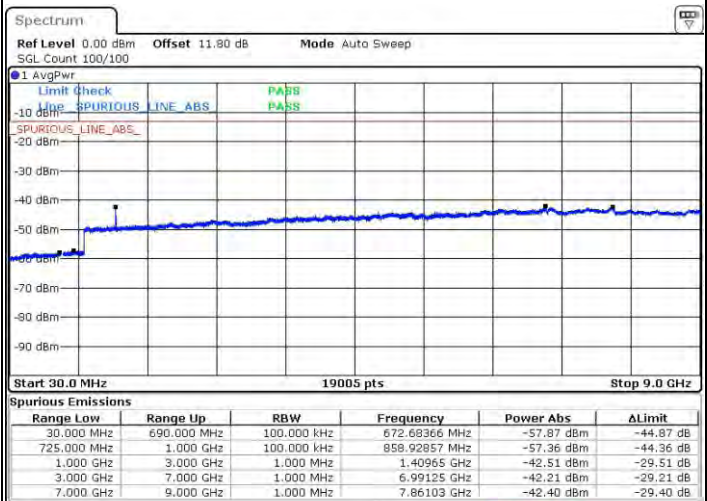
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 23 JUN 2015 19:25:51

Lowest Channel / 16QAM

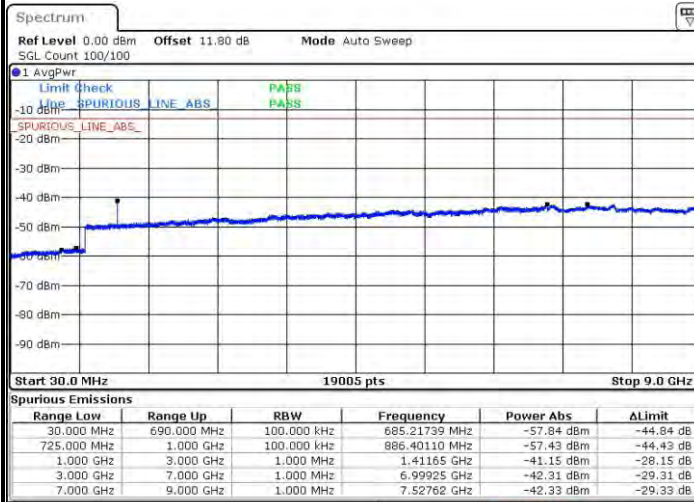


Date: 23 JUN 2015 19:27:01



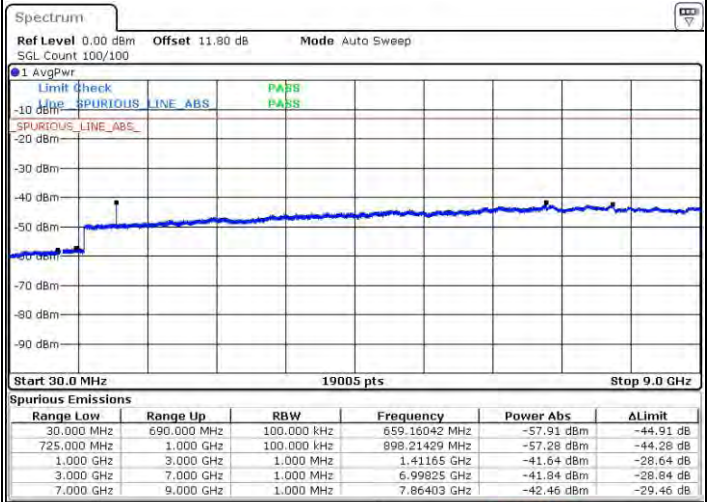
LTE Band 17 / 10MHz

Middle Channel / QPSK



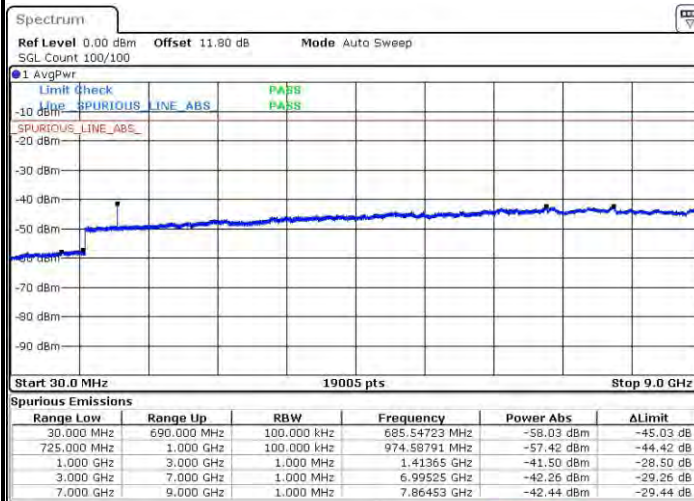
Date: 23 JUN 2015 19:28:59

Middle Channel / 16QAM



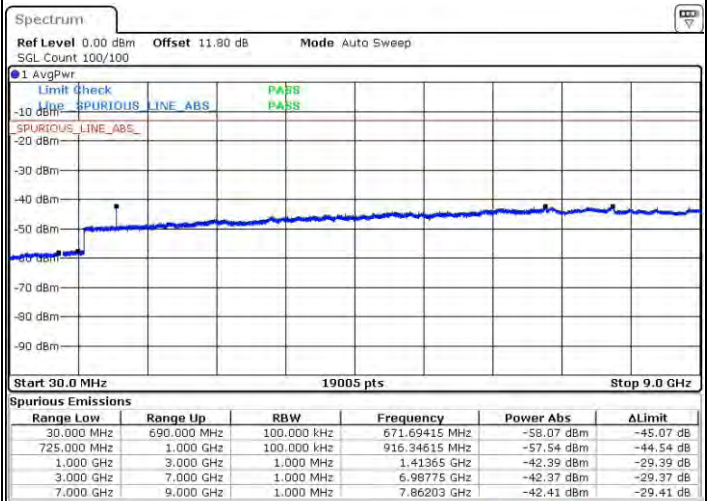
Date: 23 JUN 2015 19:30:09

Highest Channel / QPSK



Date: 23 JUN 2015 19:36:48

Highest Channel / 16QAM



Date: 23 JUN 2015 19:37:58

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.74	0.2366	21.13	0.1297
Middle		3	1	22.22	0.1667	19.82	0.0959
Highest		1	0	20.86	0.1219	19.03	0.0800
Lowest	16QAM	1	5	22.13	0.1633	19.25	0.0841
Middle		1	0	20.83	0.1211	17.90	0.0617
Highest		1	0	19.49	0.0889	16.79	0.0478
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.52	0.2249	21.17	0.1309
Middle		1	7	22.21	0.1663	19.82	0.0959
Highest		1	7	20.69	0.1172	18.62	0.0728
Lowest	16QAM	1	14	22.00	0.1585	18.99	0.0793
Middle		1	14	20.69	0.1172	17.98	0.0628
Highest		1	0	19.00	0.0794	16.34	0.0431
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.39	0.2183	20.87	0.1222
Middle		1	24	22.23	0.1671	19.63	0.0918
Highest		1	0	20.89	0.1227	18.47	0.0703
Lowest	16QAM	1	12	21.94	0.1563	18.95	0.0785
Middle		1	12	20.71	0.1178	17.87	0.0612
Highest		1	0	19.82	0.0959	17.04	0.0506
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.74	0.2366	21.24	0.1330
Middle		1	0	22.44	0.1754	19.90	0.0977
Highest		1	0	21.41	0.1384	18.84	0.0766
Lowest	16QAM	1	0	21.93	0.1560	19.07	0.0807
Middle		1	0	21.20	0.1318	18.34	0.0682
Highest		1	0	19.77	0.0948	16.80	0.0479
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.55	0.2265	21.22	0.1324
Middle		1	0	22.28	0.1690	19.78	0.0951
Highest		1	37	21.31	0.1352	18.87	0.0771
Lowest	16QAM	1	74	21.38	0.1374	18.33	0.0681
Middle		1	0	19.78	0.0951	16.94	0.0494
Highest		1	37	19.00	0.0794	16.64	0.0461
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	21.56	0.1432
Middle		1	0	22.93	0.1963	20.54	0.1132
Highest		1	0	22.04	0.1600	19.50	0.0891
Lowest	16QAM	1	0	21.81	0.1517	19.01	0.0796
Middle		1	0	21.15	0.1303	18.20	0.0661
Highest		1	0	19.74	0.0942	16.78	0.0476
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	23.34	0.2158	20.71	0.1178
Middle		3	1	23.79	0.2393	20.46	0.1112
Highest		3	1	24.02	0.2523	21.12	0.1294
Lowest	16QAM	1	5	22.72	0.1871	20.12	0.1028
Middle		1	5	23.03	0.2009	20.17	0.1040
Highest		1	0	23.38	0.2178	20.60	0.1148
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	23.15	0.2065	20.63	0.1156
Middle		1	7	23.21	0.2094	20.76	0.1191
Highest		1	14	24.13	0.2588	21.22	0.1324
Lowest	16QAM	1	14	22.50	0.1778	19.91	0.0979
Middle		1	7	22.30	0.1698	19.43	0.0877
Highest		1	7	23.58	0.2280	20.77	0.1194
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	20.32	0.1076
Middle		1	12	23.22	0.2099	20.25	0.1059
Highest		1	24	24.18	0.2618	21.26	0.1337
Lowest	16QAM	1	0	22.63	0.1832	19.19	0.0830
Middle		1	12	22.50	0.1778	19.53	0.0897
Highest		1	24	23.51	0.2244	20.60	0.1148
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.50	0.2239	20.93	0.1239
Middle		1	24	23.63	0.2307	20.81	0.1205
Highest		1	49	24.13	0.2588	21.41	0.1384
Lowest	16QAM	1	0	21.95	0.1567	19.45	0.0881
Middle		1	0	22.77	0.1892	19.74	0.0942
Highest		1	0	23.45	0.2213	20.75	0.1189
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.43	0.2203	20.93	0.1239
Middle		1	0	23.59	0.2286	20.57	0.1140
Highest		1	0	23.92	0.2466	21.13	0.1297
Lowest	16QAM	1	0	22.71	0.1866	20.21	0.1050
Middle		1	0	23.06	0.2023	20.05	0.1012
Highest		1	0	23.06	0.2023	20.20	0.1047
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.29	0.2133	20.76	0.1191
Middle		1	0	23.53	0.2254	20.66	0.1164
Highest		1	0	23.76	0.2377	21.00	0.1259
Lowest	16QAM	1	0	22.72	0.1871	20.09	0.1021
Middle		1	0	22.83	0.1919	19.95	0.0989
Highest		1	0	23.02	0.2004	20.27	0.1064
Limit	EIRP < 1W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.26	0.1337	20.23	0.1054
Middle		1	0	22.96	0.1977	22.41	0.1742
Highest		1	0	21.65	0.1462	20.80	0.1202
Lowest	16QAM	1	0	19.75	0.0944	18.99	0.0793
Middle		1	0	21.25	0.1334	21.11	0.1291
Highest		1	0	20.20	0.1047	19.76	0.0946
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.28	0.1343	20.20	0.1047
Middle		1	0	22.31	0.1702	22.34	0.1714
Highest		1	0	20.92	0.1236	20.86	0.1219
Lowest	16QAM	1	0	19.63	0.0918	18.89	0.0774
Middle		1	0	20.97	0.1250	20.87	0.1222
Highest		1	0	19.83	0.0962	19.44	0.0879
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.97	0.1250	20.07	0.1016
Middle		1	0	21.59	0.1442	21.74	0.1493
Highest		1	0	21.61	0.1449	21.04	0.1271
Lowest	16QAM	1	0	19.63	0.0918	18.90	0.0776
Middle		1	0	20.77	0.1194	20.58	0.1143
Highest		1	0	19.98	0.0995	19.88	0.0973
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.77	0.1194	19.83	0.0962
Middle		1	0	21.11	0.1291	21.10	0.1288
Highest		1	0	21.47	0.1403	21.43	0.1390
Lowest	16QAM	1	0	19.36	0.0863	18.61	0.0726
Middle		1	0	20.23	0.1054	19.99	0.0998
Highest		1	0	20.00	0.1000	20.00	0.1000
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 5MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.69	0.2944	26.23	0.4198
Middle		1	0	26.07	0.4046	28.78	0.7551
Highest		1	0	24.92	0.3105	26.04	0.4018
Lowest	16QAM	1	0	24.66	0.2924	23.88	0.2443
Middle		1	0	26.32	0.4285	26.17	0.4140
Highest		1	0	25.25	0.3350	24.42	0.2767
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.01	0.2518	25.46	0.3516
Middle		1	0	24.75	0.2985	27.48	0.5598
Highest		1	0	24.45	0.2786	25.83	0.3828
Lowest	16QAM	1	0	24.70	0.2951	23.97	0.2495
Middle		1	0	26.12	0.4093	26.00	0.3981
Highest		1	0	24.60	0.2884	24.19	0.2624
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.94	0.3119	26.06	0.4036
Middle		1	0	25.02	0.3177	27.42	0.5521
Highest		1	0	24.67	0.2931	26.03	0.4009
Lowest	16QAM	1	0	24.68	0.2938	23.93	0.2472
Middle		1	0	25.84	0.3837	25.63	0.3656
Highest		1	0	25.07	0.3214	24.98	0.3148
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	25.49	0.3540
Middle		1	0	23.83	0.2415	26.40	0.4365
Highest		1	0	24.73	0.2972	26.10	0.4074
Lowest	16QAM	1	0	24.49	0.2812	23.78	0.2388
Middle		1	0	25.35	0.3428	25.12	0.3251
Highest		1	0	25.19	0.3304	25.18	0.3296
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	16.76	0.0474	7.55	0.0057
Middle		3	1	16.91	0.0491	8.22	0.0066
Highest		3	2	16.77	0.0475	8.43	0.0070
Lowest	16QAM	1	0	15.49	0.0354	6.32	0.0043
Middle		1	5	15.37	0.0344	6.84	0.0048
Highest		1	0	15.27	0.0337	7.24	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	7	16.53	0.0450	7.18	0.0052
Middle		1	14	16.30	0.0427	7.72	0.0059
Highest		1	7	16.06	0.0404	8.38	0.0069
Lowest	16QAM	1	0	15.42	0.0348	6.01	0.0040
Middle		1	7	14.45	0.0279	6.80	0.0048
Highest		1	14	15.59	0.0362	6.97	0.0050
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.58	0.0455	7.44	0.0055
Middle		1	12	16.49	0.0446	7.96	0.0063
Highest		1	24	16.62	0.0459	7.98	0.0063
Lowest	16QAM	1	0	15.38	0.0345	6.32	0.0043
Middle		1	12	15.55	0.0359	6.65	0.0046
Highest		1	24	15.72	0.0373	6.82	0.0048
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.55	0.0452	7.42	0.0055
Middle		1	0	16.49	0.0446	7.20	0.0052
Highest		1	0	16.78	0.0476	7.94	0.0062
Lowest	16QAM	1	49	15.40	0.0347	6.83	0.0048
Middle		1	49	15.62	0.0365	6.88	0.0049
Highest		1	49	15.28	0.0337	7.32	0.0054
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.62	0.0459	7.69	0.0059
Middle		1	0	16.50	0.0447	7.70	0.0059
Highest		1	0	16.86	0.0485	7.65	0.0058
Lowest	16QAM	1	0	15.62	0.0365	6.52	0.0045
Middle		1	0	15.30	0.0339	6.73	0.0047
Highest		1	0	15.78	0.0378	6.75	0.0047
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.90	0.0490	7.80	0.0060
Middle		1	0	16.63	0.0460	8.03	0.0064
Highest		1	0	16.54	0.0451	7.90	0.0062
Lowest	16QAM	1	0	15.87	0.0386	6.70	0.0047
Middle		1	0	15.73	0.0374	6.85	0.0048
Highest		1	0	15.42	0.0348	6.86	0.0049
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3696	-41.91	-13	-28.91	-56.31	-48.48	1.67	8.24	H
	5556	-46.43	-13	-33.43	-66.46	-53.5	2.66	9.72	H
	7404	-42.28	-13	-29.28	-67.66	-51.43	2.46	11.61	H
	3696	-45.21	-13	-32.21	-59.52	-51.78	1.67	8.24	V
	5556	-52.57	-13	-39.57	-71.04	-59.632	2.66	9.72	V
	7404	-45.84	-13	-32.84	-70.01	-54.99	2.46	11.61	V
Middle	3756	-44.08	-13	-31.08	-58.66	-50.7	1.68	8.31	H
	5640	-45.30	-13	-32.30	-65.1	-52.35	2.71	9.76	H
	7524	-46.22	-13	-33.22	-71.11	-55.61	2.42	11.81	H
	3756	-48.43	-13	-35.43	-62.71	-55.05	1.68	8.31	V
	5640	-52.84	-13	-39.84	-71.14	-59.89	2.71	9.76	V
	7524	-50.11	-13	-37.11	-74.1	-59.5	2.42	11.81	V
Highest	3816	-43.65	-13	-30.65	-58.347	-48.18	1.70	8.38	H
	5724	-44.31	-13	-31.31	-64.37	-49.2	2.75	9.79	H
	7632	-44.71	-13	-31.71	-69.3	-52.05	2.39	11.88	H
	3816	-47.55	-13	-34.55	-61.59	-52.08	1.70	8.38	V
	5724	-50.19	-13	-37.19	-69.08	-55.08	2.75	9.79	V
	7632	-47.62	-13	-34.62	-71.49	-54.96	2.39	11.88	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3696	-41.55	-13	-28.55	-55.95	-48.12	1.67	8.24	H
	5556	-48.71	-13	-35.71	-68.74	-55.78	2.66	9.72	H
	7404	-42.36	-13	-29.36	-67.74	-51.51	2.46	11.61	H
	3696	-43.83	-13	-30.83	-58.14	-50.4	1.67	8.24	V
	5556	-52.12	-13	-39.12	-70.61	-59.19	2.66	9.72	V
	7404	-47.17	-13	-34.17	-71.34	-56.32	2.46	11.61	V
Middle	3757	-44.07	-13	-31.07	-58.65	-50.69	1.68	8.31	H
	5635	-50.10	-13	-37.10	-69.9	-57.15	2.70	9.75	H
	7512	-47.49	-13	-34.49	-72.45	-56.87	2.43	11.81	H
	3757	-46.03	-13	-33.03	-60.31	-52.65	1.68	8.31	V
	5635	-53.93	-13	-40.93	-72.23	-60.98	2.70	9.75	V
	7512	-49.94	-13	-36.94	-73.97	-59.32	2.43	11.81	V
Highest	3816	-41.90	-13	-28.90	-56.59	-46.43	1.70	8.38	H
	5724	-46.87	-13	-33.87	-66.93	-51.76	2.75	9.79	H
	7632	-45.51	-13	-32.51	-70.1	-52.85	2.39	11.88	H
	3816	-46.55	-13	-33.55	-60.59	-51.08	1.70	8.38	V
	5724	-50.31	-13	-37.31	-69.2	-55.2	2.75	9.79	V
	7632	-44.29	-13	-31.29	-68.16	-51.63	2.39	11.88	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-41.62	-13	-28.62	-56.01	-48.19	1.67	8.24	H
	5550	-48.16	-13	-35.16	-68.19	-55.23	2.65	9.72	H
	7400	-42.80	-13	-29.80	-68.18	-51.94	2.46	11.60	H
	3700	-44.74	-13	-31.74	-59.04	-51.31	1.67	8.24	V
	5550	-51.28	-13	-38.28	-69.77	-58.35	2.65	9.72	V
	7400	-46.96	-13	-33.96	-71.13	-56.1	2.46	11.60	V
Middle	3756	-44.35	-13	-31.35	-58.93	-50.97	1.68	8.31	H
	5640	-50.77	-13	-37.77	-70.57	-57.82	2.71	9.76	H
	7512	-47.96	-13	-34.96	-72.92	-57.34	2.43	11.81	H
	3756	-46.21	-13	-33.21	-60.49	-52.83	1.68	8.31	V
	5640	-53.31	-13	-40.31	-71.61	-60.36	2.71	9.76	V
	7512	-51.16	-13	-38.16	-75.19	-60.54	2.43	11.81	V
Highest	3810	-41.11	-13	-28.11	-55.74	-45.63	1.70	8.37	H
	5715	-47.42	-13	-34.42	-67.41	-52.31	2.75	9.79	H
	7620	-45.45	-13	-32.45	-70.04	-52.78	2.39	11.87	H
	3810	-45.19	-13	-32.19	-59.22	-49.71	1.70	8.37	V
	5715	-51.05	-13	-38.05	-69.81	-55.94	2.75	9.79	V
	7620	-46.95	-13	-33.95	-70.78	-54.28	2.39	11.87	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3696	-43.34	-13	-30.34	-57.74	-49.91	1.67	8.24	H
	5556	-47.64	-13	-34.64	-67.67	-54.71	2.66	9.72	H
	7404	-41.38	-13	-28.38	-66.76	-50.53	2.46	11.61	H
	3696	-46.99	-13	-33.99	-61.3	-53.56	1.67	8.24	V
	5556	-50.64	-13	-37.64	-69.13	-57.71	2.66	9.72	V
	7404	-45.00	-13	-32.00	-69.17	-54.15	2.46	11.61	V
Middle	3756	-43.12	-13	-30.12	-57.7	-49.74	1.68	8.31	H
	5628	-47.71	-13	-34.71	-67.57	-54.76	2.70	9.75	H
	7500	-47.47	-13	-34.47	-72.51	-56.84	2.43	11.80	H
	3756	-46.02	-13	-33.02	-60.3	-52.64	1.68	8.31	V
	5628	-53.33	-13	-40.33	-71.58	-60.38	2.70	9.75	V
	7500	-50.41	-13	-37.41	-74.49	-59.78	2.43	11.80	V
Highest	3804	-37.53	-13	-24.53	-52.17	-42.05	1.70	8.36	H
	5700	-46.39	-13	-33.39	-66.3	-51.28	2.74	9.78	H
	7608	-43.89	-13	-30.89	-68.48	-51.21	2.39	11.86	H
	3804	-41.33	-13	-28.33	-55.29	-45.85	1.70	8.36	V
	5700	-50.70	-13	-37.70	-69.32	-55.59	2.74	9.78	V
	7608	-45.51	-13	-32.51	-69.34	-52.83	2.39	11.86	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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	-37.86	-13	-24.86	-52.25	-44.44	1.67	8.25	H
	5556	-43.84	-13	-30.84	-63.87	-50.91	2.66	9.72	H
	7404	-42.82	-13	-29.82	-68.2	-51.97	2.46	11.61	H
	3708	-43.75	-13	-30.75	-58.05	-50.33	1.67	8.25	V
	5556	-49.23	-13	-36.23	-67.72	-56.3	2.66	9.72	V
	7404	-44.14	-13	-31.14	-69.11	-53.29	2.46	11.61	V
Middle	3744	-40.16	-13	-27.16	-54.68	-46.77	1.68	8.29	H
	5616	-45.35	-13	-32.35	-65.21	-52.4	2.69	9.75	H
	7500	-46.23	-13	-33.23	-71.27	-55.6	2.43	11.80	H
	3744	-44.30	-13	-31.30	-58.59	-50.91	1.68	8.29	V
	5616	-49.15	-13	-36.15	-67.4	-56.2	2.69	9.75	V
	7500	-48.03	-13	-35.03	-72.11	-57.4	2.43	11.80	V
Highest	3790	-37.36	-13	-24.36	-51.97	-41.86	1.70	8.35	H
	5685	-48.50	-13	-35.50	-68.4	-53.39	2.73	9.77	H
	7580	-45.52	-13	-32.52	-70.18	-52.81	2.40	11.85	H
	3790	-41.09	-13	-28.09	-55.15	-45.59	1.70	8.35	V
	5685	-49.94	-13	-36.94	-68.55	-54.83	2.73	9.77	V
	7580	-45.98	-13	-32.98	-69.83	-53.27	2.40	11.85	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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	-40.86	-13	-27.86	-55.25	-47.44	1.67	8.25	H
	5556	-44.62	-13	-31.62	-64.65	-51.69	2.66	9.72	H
	7404	-44.77	-13	-31.77	-70.15	-53.92	2.46	11.61	H
	3708	-44.24	-13	-31.24	-58.54	-50.82	1.67	8.25	V
	5556	-48.93	-13	-35.93	-67.42	-56	2.66	9.72	V
	7404	-49.15	-13	-36.15	-73.32	-58.3	2.46	11.61	V
Middle	3744	-40.40	-13	-27.40	-54.92	-47.01	1.68	8.29	H
	5616	-48.50	-13	-35.50	-68.36	-55.55	2.69	9.75	H
	7488	-48.38	-13	-35.38	-73.42	-57.72	2.43	11.78	H
	3744	-44.93	-13	-31.93	-59.22	-51.54	1.68	8.29	V
	5616	-49.55	-13	-36.55	-67.8	-56.6	2.69	9.75	V
	7488	-50.15	-13	-37.15	-74.23	-59.49	2.43	11.78	V
Highest	3780	-40.65	-13	-27.65	-55.26	-45.14	1.69	8.34	H
	5670	-49.35	-13	-36.35	-69.18	-54.25	2.72	9.77	H
	7560	-48.13	-13	-35.13	-72.87	-55.41	2.41	11.84	H
	3780	-46.38	-13	-33.38	-60.44	-50.87	1.69	8.34	V
	5670	-51.90	-13	-38.90	-70.39	-56.8	2.72	9.77	V
	7560	-45.99	-13	-32.99	-69.89	-53.27	2.41	11.84	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-47.68	-13	-34.68	-60.03	-53.75	1.58	7.65	H
	5128	-52.85	-13	-39.85	-71.95	-60.14	2.41	9.70	H
	8551	-48.47	-13	-35.47	-75.11	-58.6	2.39	12.52	H
	3420	-43.95	-13	-30.95	-56.01	-50.02	1.58	7.65	V
	5128	-55.42	-13	-42.42	-73.39	-62.71	2.41	9.70	V
	8551	-51.77	-13	-38.77	-77.15	-61.9	2.39	12.52	V
Middle	3462	-50.01	-13	-37.01	-62.85	-56.25	1.59	7.83	H
	5198	-45.98	-13	-32.98	-65.21	-53.23	2.45	9.70	H
	6927	-53.55	-13	-40.55	-76.9	-61.65	2.61	10.71	H
	8663	-43.38	-13	-30.38	-70.97	-53.53	2.41	12.57	H
	3462	-48.18	-13	-35.18	-61.26	-54.42	1.59	7.83	V
	5198	-53.56	-13	-40.56	-71.82	-60.81	2.45	9.70	V
	6927	-52.51	-13	-39.51	-75.62	-60.61	2.61	10.71	V
	8663	-32.36	-13	-19.36	-76.42	-42.51	2.41	12.57	V
Highest	3511	-48.15	-13	-35.15	-61.47	-54.56	1.61	8.01	H
	5261	-54.93	-13	-41.93	-74.11	-62.14	2.49	9.70	H
	8768	-48.75	-13	-35.75	-76.77	-58.92	2.43	12.61	H
	3511	-50.62	-13	-37.62	-64.49	-57.03	1.61	8.01	V
	5261	-59.65	-13	-46.65	-78.18	-66.86	2.49	9.70	V
	8768	-52.06	-13	-39.06	-77.63	-62.23	2.43	12.61	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-47.80	-13	-34.80	-60.15	-53.87	1.58	7.65	H
	5130	-51.38	-13	-38.38	-70.48	-58.67	2.41	9.70	H
	8551	-48.23	-13	-35.23	-74.87	-58.36	2.39	12.52	H
	3420	-43.65	-13	-30.65	-55.71	-49.72	1.58	7.65	V
	5130	-57.92	-13	-44.92	-75.89	-65.21	2.41	9.70	V
	8551	-52.13	-13	-39.13	-77.51	-62.26	2.39	12.52	V
Middle	3462	-51.18	-13	-38.18	-64.02	-57.42	1.59	7.83	H
	5191	-45.34	-13	-32.34	-64.56	-52.59	2.45	9.70	H
	6927	-52.72	-13	-39.72	-76.07	-60.82	2.61	10.71	H
	8656	-45.23	-13	-32.23	-72.74	-55.38	2.41	12.56	H
	3462	-48.56	-13	-35.56	-61.64	-54.8	1.59	7.83	V
	5191	-53.34	-13	-40.34	-71.59	-60.59	2.45	9.70	V
	6927	-52.28	-13	-39.28	-75.39	-60.38	2.61	10.71	V
	8656	-51.41	-13	-38.41	-76.96	-61.56	2.41	12.56	V
Highest	3504	-49.38	-13	-36.38	-62.57	-55.78	1.61	8.00	H
	5254	-54.86	-13	-41.86	-73.9	-62.08	2.48	9.70	H
	8761	-46.39	-13	-33.39	-74.41	-56.56	2.43	12.60	H
	3504	-50.30	-13	-37.30	-64.08	-56.7	1.61	8.00	V
	5254	-58.31	-13	-45.31	-76.79	-65.53	2.48	9.70	V
	8761	-51.95	-13	-38.95	-77.52	-62.12	2.43	12.60	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-45.81	-13	-32.81	-58.16	-51.88	1.58	7.65	H
	5128	-51.50	-13	-38.50	-70.6	-58.79	2.41	9.70	H
	8551	-46.97	-13	-33.97	-73.61	-57.1	2.39	12.52	H
	3420	-42.79	-13	-29.79	-54.85	-48.86	1.58	7.65	V
	5128	-56.96	-13	-43.96	-74.93	-64.25	2.41	9.70	V
	8551	-51.89	-13	-38.89	-77.27	-62.02	2.39	12.52	V
Middle	3456	-49.47	-13	-36.47	-62.14	-55.69	1.59	7.81	H
	5196	-46.11	-13	-33.11	-65.33	-53.36	2.45	9.70	H
	6924	-52.59	-13	-39.59	-75.89	-60.68	2.62	10.71	H
	8652	-46.50	-13	-33.50	-74.01	-56.65	2.41	12.56	H
	3456	-48.46	-13	-35.46	-61.2	-54.68	1.59	7.81	V
	5196	-53.75	-13	-40.75	-72	-61	2.45	9.70	V
	6924	-52.55	-13	-39.55	-75.59	-60.64	2.62	10.71	V
	8652	-51.75	-13	-38.75	-77.3	-61.9	2.41	12.56	V
Highest	3504	-46.75	-13	-33.75	-59.94	-53.15	1.61	8.00	H
	5254	-56.26	-13	-43.26	-75.3	-63.48	2.48	9.70	H
	8754	-46.64	-13	-33.64	-74.59	-56.81	2.43	12.60	H
	3504	-47.98	-13	-34.98	-61.76	-54.38	1.61	8.00	V
	5254	-58.05	-13	-45.05	-76.53	-65.27	2.48	9.70	V
	8754	-52.40	-13	-39.40	-77.7	-62.57	2.43	12.60	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-46.14	-13	-33.14	-58.44	-52.21	1.58	7.65	H
	5135	-51.77	-13	-38.77	-70.84	-59.06	2.41	9.70	H
	8551	-49.51	-13	-36.51	-76.04	-59.64	2.39	12.52	H
	3420	-43.86	-13	-30.86	-55.75	-49.93	1.58	7.65	V
	5135	-54.92	-13	-41.92	-72.76	-62.21	2.41	9.70	V
	8551	-51.17	-13	-38.17	-76.49	-61.3	2.39	12.52	V
Middle	3455	-51.54	-13	-38.54	-64.14	-57.75	1.59	7.80	H
	5184	-48.79	-13	-35.79	-67.92	-56.05	2.44	9.70	H
	6913	-48.95	-13	-35.95	-72.17	-57.03	2.62	10.70	H
	8642	-47.69	-13	-34.69	-75.16	-57.84	2.41	12.56	H
	3455	-49.43	-13	-36.43	-62.12	-55.64	1.59	7.80	V
	5184	-52.23	-13	-39.23	-70.23	-59.49	2.44	9.70	V
	6913	-50.17	-13	-37.17	-73.12	-58.25	2.62	10.70	V
	8642	-51.53	-13	-38.53	-77.03	-61.68	2.41	12.56	V
Highest	3490	-48.66	-13	-35.66	-61.61	-55.01	1.60	7.96	H
	5240	-53.03	-13	-40.03	-72.07	-60.25	2.48	9.70	H
	8726	-48.06	-13	-35.06	-75.78	-58.23	2.42	12.59	H
	3490	-47.16	-13	-34.16	-60.58	-53.51	1.60	7.96	V
	5240	-56.89	-13	-43.89	-75.25	-64.11	2.48	9.70	V
	8726	-51.39	-13	-38.39	-76.92	-61.56	2.42	12.59	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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	-46.68	-13	-33.68	-59.03	-52.75	1.58	7.65	H
	5135	-50.76	-13	-37.76	-69.86	-58.05	2.41	9.70	H
	8558	-48.75	-13	-35.75	-75.62	-58.89	2.39	12.52	H
	3420	-42.92	-13	-29.92	-54.98	-48.99	1.58	7.65	V
	5135	-56.36	-13	-43.36	-74.33	-63.65	2.41	9.70	V
	8558	-51.44	-13	-38.44	-76.8	-61.58	2.39	12.52	V
Middle	3455	-52.90	-13	-39.90	-65.57	-59.11	1.59	7.80	H
	5177	-47.86	-13	-34.86	-67.05	-55.12	2.44	9.70	H
	6906	-52.56	-13	-39.56	-75.82	-60.63	2.62	10.69	H
	8628	-49.24	-13	-36.24	-76.69	-59.39	2.40	12.55	H
	3455	-49.33	-13	-36.33	-62.07	-55.54	1.59	7.80	V
	5177	-54.66	-13	-41.66	-72.84	-61.92	2.44	9.70	V
	6906	-52.53	-13	-39.53	-75.52	-60.6	2.62	10.69	V
	8628	-52.06	-13	-39.06	-77.62	-62.21	2.40	12.55	V
Highest	3483	-48.25	-13	-35.25	-61.27	-54.58	1.60	7.93	H
	5226	-44.84	-13	-31.84	-63.93	-52.07	2.47	9.70	H
	6962	-53.42	-13	-40.42	-76.85	-61.57	2.60	10.75	H
	8705	-48.63	-13	-35.63	-76.36	-58.79	2.42	12.58	H
	3483	-46.75	-13	-33.75	-60.18	-53.08	1.60	7.93	V
	5226	-53.78	-13	-40.78	-72.18	-61.01	2.47	9.70	V
	6962	-53.53	-13	-40.53	-76.76	-61.68	2.60	10.75	V
	8705	-52.51	-13	-39.51	-78.07	-62.67	2.42	12.58	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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	-48.05	-13	-35.05	-60.4	-54.12	1.58	7.65	H
	5135	-49.69	-13	-36.69	-68.79	-56.98	2.41	9.70	H
	8558	-47.77	-13	-34.77	-74.64	-57.91	2.39	12.52	H
	3420	-44.00	-13	-31.00	-56.06	-50.07	1.58	7.65	V
	5135	-56.80	-13	-43.80	-74.77	-64.09	2.41	9.70	V
	8558	-52.37	-13	-39.37	-77.76	-62.51	2.39	12.52	V
Middle	3448	-53.13	-13	-40.13	-65.8	-59.31	1.59	7.77	H
	5170	-48.91	-13	-35.91	-68.07	-56.18	2.43	9.70	H
	6890	-54.79	-13	-41.79	-78	-62.83	2.63	10.67	H
	3448	-49.43	-13	-36.43	-62.17	-55.61	1.59	7.77	V
	5170	-55.70	-13	-42.70	-73.81	-62.97	2.43	9.70	V
	6890	-55.56	-13	-42.56	-78.48	-63.6	2.63	10.67	V
Highest	3476	-47.22	-13	-34.22	-60.24	-53.52	1.60	7.89	H
	5212	-43.04	-13	-30.04	-62.2	-50.28	2.46	9.70	H
	6948	-47.07	-13	-34.07	-70.46	-55.2	2.61	10.74	H
	8675	-42.67	-13	-29.67	-70.27	-52.83	2.41	12.57	H
	3476	-45.63	-13	-32.63	-59.06	-51.93	1.60	7.89	V
	5212	-49.31	-13	-36.31	-67.63	-56.55	2.46	9.70	V
	6948	-50.85	-13	-37.85	-74.01	-58.98	2.61	10.74	V
	8675	-51.61	-13	-38.61	-77.18	-61.77	2.41	12.57	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-37.64	-25	-12.64	-56.5	-45	2.34	9.70	H
	7500	-44.88	-25	-19.88	-69.92	-54.25	2.43	11.80	H
	10008	-47.95	-25	-22.95	-76.68	-57.46	2.70	12.20	H
	12504	-31.93	-25	-6.93	-67.32	-41.53	2.81	12.40	H
	5004	-40.71	-25	-15.71	-58.15	-48.07	2.34	9.70	V
	7500	-46.54	-25	-21.54	-70.62	-55.91	2.43	11.80	V
	10008	-52.55	-25	-27.55	-78.61	-62.06	2.70	12.20	V
	12504	-37.87	-25	-12.87	-69.94	-47.47	2.81	12.40	V
Middle	5064	-35.51	-25	-10.51	-54.48	-42.84	2.37	9.70	H
	7596	-45.80	-25	-20.80	-70.39	-55.26	2.40	11.86	H
	10128	-48.31	-25	-23.31	-77.13	-57.87	2.70	12.25	H
	12660	-30.68	-25	-5.68	-66.78	-40.43	2.84	12.59	H
	5064	-36.74	-25	-11.74	-54.4	-44.07	2.37	9.70	V
	7596	-48.42	-25	-23.42	-72.22	-57.88	2.40	11.86	V
	10128	-51.41	-25	-26.41	-77.84	-60.97	2.70	12.25	V
	12660	-37.93	-25	-12.93	-70.5	-47.68	2.84	12.59	V
Highest	5136	-39.66	-25	-14.66	-58.75	-46.94	2.42	9.70	H
	7692	-43.05	-25	-18.05	-67.69	-52.6	2.37	11.92	H
	10260	-48.23	-25	-23.23	-77.15	-57.84	2.69	12.30	H
	12828	-29.90	-25	-4.90	-66.78	-39.81	2.89	12.79	H
	5136	-42.23	-25	-17.23	-60.19	-49.51	2.42	9.70	V
	7692	-47.06	-25	-22.06	-71.06	-56.61	2.37	11.92	V
	10260	-50.90	-25	-25.90	-77.7	-60.51	2.69	12.30	V
	12828	-35.88	-25	-10.88	-69.02	-45.79	2.89	12.79	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-35.37	-25	-10.37	-54.23	-42.73	2.34	9.70	H
	7500	-43.61	-25	-18.61	-68.65	-52.98	2.43	11.80	H
	10008	-47.58	-25	-22.58	-76.31	-57.09	2.70	12.20	H
	12504	-28.05	-25	-3.05	-63.44	-37.64	2.81	12.40	H
	5004	-38.31	-25	-13.31	-55.75	-45.67	2.34	9.70	V
	7500	-45.51	-25	-20.51	-69.59	-54.88	2.43	11.80	V
	10008	-52.66	-25	-27.66	-78.72	-62.17	2.70	12.20	V
	12504	-36.29	-25	-11.29	-68.36	-45.89	2.81	12.40	V
Middle	5064	-33.30	-25	-8.30	-52.26	-40.63	2.37	9.70	H
	7596	-43.06	-25	-18.06	-67.64	-52.52	2.40	11.86	H
	10128	-47.34	-25	-22.34	-76.15	-56.9	2.70	12.25	H
	12648	-29.65	-25	-4.65	-65.66	-39.39	2.84	12.58	H
	5064	-35.47	-25	-10.47	-53.13	-42.8	2.37	9.70	V
	7596	-46.76	-25	-21.76	-70.56	-56.22	2.40	11.86	V
	10128	-52.23	-25	-27.23	-78.66	-61.79	2.70	12.25	V
	12648	-36.96	-25	-11.96	-69.48	-46.7	2.84	12.58	V
Highest	5124	-38.36	-25	-13.36	-57.45	-45.65	2.41	9.70	H
	7680	-41.65	-25	-16.65	-66.28	-51.19	2.37	11.91	H
	10248	-47.97	-25	-22.97	-76.86	-57.57	2.69	12.30	H
	12804	-31.27	-25	-6.27	-67.99	-41.15	2.88	12.76	H
	5124	-40.61	-25	-15.61	-58.57	-47.9	2.41	9.70	V
	7680	-46.53	-25	-21.53	-70.5	-56.07	2.37	11.91	V
	10248	-51.20	-25	-26.20	-77.95	-60.8	2.69	12.30	V
	12804	-36.68	-25	-11.68	-69.7	-46.56	2.88	12.76	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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	-38.29	-25	-13.29	-57.15	-45.65	2.34	9.70	H
	7500	-43.62	-25	-18.62	-68.66	-52.99	2.43	11.80	H
	10008	-47.68	-25	-22.68	-76.41	-57.19	2.70	12.20	H
	12504	-30.19	-25	-5.19	-65.59	-39.79	2.81	12.40	H
	5004	-40.38	-25	-15.38	-57.82	-47.74	2.34	9.70	V
	7500	-44.26	-25	-19.26	-68.34	-53.63	2.43	11.80	V
	10008	-51.52	-25	-26.52	-77.63	-61.03	2.70	12.20	V
	12504	-36.07	-25	-11.07	-68.14	-45.67	2.81	12.40	V
Middle	5052	-33.30	-25	-8.30	-52.23	-40.63	2.37	9.70	H
	7584	-42.98	-25	-17.98	-67.65	-52.43	2.40	11.85	H
	10116	-47.68	-25	-22.68	-76.48	-57.23	2.70	12.25	H
	12648	-30.02	-25	-5.02	-66.04	-39.76	2.84	12.58	H
	5052	-36.77	-25	-11.77	-54.36	-44.1	2.37	9.70	V
	7584	-46.57	-25	-21.57	-70.42	-56.02	2.40	11.85	V
	10116	-51.32	-25	-26.32	-77.7	-60.87	2.70	12.25	V
	12648	-36.99	-25	-11.99	-69.51	-46.73	2.84	12.58	V
Highest	5112	-37.52	-25	-12.52	-56.59	-44.82	2.40	9.70	H
	7668	-41.33	-25	-16.33	-65.95	-50.86	2.38	11.90	H
	10224	-48.92	-25	-23.92	-77.8	-58.51	2.69	12.29	H
	12780	-31.72	-25	-6.72	-68.36	-41.58	2.87	12.74	H
	5112	-39.86	-25	-14.86	-57.74	-47.16	2.40	9.70	V
	7668	-45.49	-25	-20.49	-69.42	-55.02	2.38	11.90	V
	10224	-50.91	-25	-25.91	-77.62	-60.5	2.69	12.29	V
	12780	-38.50	-25	-13.50	-71.47	-48.36	2.87	12.74	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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	-36.19	-25	-11.19	-55.05	-43.55	2.34	9.70	H
	7500	-41.67	-25	-16.67	-66.71	-51.04	2.43	11.80	H
	10008	-48.40	-25	-23.40	-77.13	-57.91	2.70	12.20	H
	12504	-29.66	-25	-4.66	-65.06	-39.26	2.81	12.40	H
	5004	-39.15	-25	-14.15	-56.59	-46.51	2.34	9.70	V
	7500	-43.45	-25	-18.45	-67.53	-52.82	2.43	11.80	V
	10008	-52.30	-25	-27.30	-78.36	-61.81	2.70	12.20	V
	12504	-37.01	-25	-12.01	-69.08	-46.61	2.81	12.40	V
Middle	5052	-33.78	-25	-8.78	-52.71	-41.11	2.37	9.70	H
	7584	-41.77	-25	-16.77	-66.44	-51.22	2.40	11.85	H
	10104	-48.09	-25	-23.09	-76.9	-57.64	2.70	12.24	H
	12636	-30.68	-25	-5.68	-66.62	-40.4	2.84	12.56	H
	5052	-36.69	-25	-11.69	-54.28	-44.02	2.37	9.70	V
	7584	-44.47	-25	-19.47	-68.33	-53.92	2.40	11.85	V
	10104	-50.76	-25	-25.76	-77.15	-60.31	2.70	12.24	V
	12636	-37.75	-25	-12.75	-70.21	-47.47	2.84	12.56	V
Highest	5100	-38.15	-25	-13.15	-57.18	-45.46	2.39	9.70	H
	7656	-39.75	-25	-14.75	-64.36	-49.26	2.38	11.89	H
	10200	-48.38	-25	-23.38	-77.24	-57.96	2.70	12.28	H
	12756	-32.74	-25	-7.74	-69.31	-42.58	2.87	12.71	H
	5100	-40.07	-25	-15.07	-57.88	-47.38	2.39	9.70	V
	7656	-43.48	-25	-18.48	-67.41	-52.99	2.38	11.89	V
	10200	-50.58	-25	-25.58	-77.2	-60.16	2.70	12.28	V
	12756	-38.86	-25	-13.86	-71.77	-48.7	2.87	12.71	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-62.76	-13.00	-49.76	-67.83	-64.42	0.87	4.68	H
	2096	-64.48	-13.00	-51.48	-72.98	-65.35	1.16	4.19	H
	2800	-61.21	-13.00	-48.21	-72.08	-63.32	1.38	5.64	H
	1400	-63.54	-13.00	-50.54	-67.63	-65.20	0.87	4.68	V
	2096	-63.28	-13.00	-50.28	-72.31	-64.15	1.16	4.19	V
	2800	-57.06	-13.00	-44.06	-68.50	-59.17	1.38	5.64	V
Middle	1416	-66.15	-13.00	-53.15	-71.22	-67.90	0.87	4.78	H
	2120	-62.73	-13.00	-49.73	-71.52	-63.67	1.17	4.26	H
	2832	-60.72	-13.00	-47.72	-71.70	-62.84	1.39	5.67	H
	1416	-67.52	-13.00	-54.52	-71.61	-69.27	0.87	4.78	V
	2120	-58.13	-13.00	-45.13	-67.51	-59.07	1.17	4.26	V
	2832	-57.54	-13.00	-44.54	-69.02	-59.66	1.39	5.67	V
Highest	1429	-62.13	-13.00	-49.13	-67.32	-63.96	0.88	4.86	H
	2143	-63.90	-13.00	-50.90	-72.82	-64.90	1.18	4.33	H
	2856	-61.50	-13.00	-48.50	-72.54	-63.63	1.40	5.68	H
	1429	-61.63	-13.00	-48.63	-65.67	-63.46	0.88	4.86	V
	2143	-60.46	-13.00	-47.46	-70.17	-61.46	1.18	4.33	V
	2856	-59.77	-13.00	-46.77	-71.27	-61.90	1.40	5.68	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-62.92	-13.00	-49.92	-67.99	-64.58	0.87	4.68	H
	2097	-64.96	-13.00	-51.96	-73.61	-65.84	1.16	4.19	H
	2800	-61.10	-13.00	-48.10	-71.97	-63.21	1.38	5.64	H
	1400	-64.43	-13.00	-51.43	-68.44	-66.09	0.87	4.68	V
	2097	-63.65	-13.00	-50.65	-72.69	-64.53	1.16	4.19	V
	2800	-57.74	-13.00	-44.74	-69.18	-59.85	1.38	5.64	V
Middle	1412	-67.36	-13.00	-54.36	-72.43	-69.09	0.87	4.75	H
	2118	-64.73	-13.00	-51.73	-73.51	-65.66	1.17	4.25	H
	2824	-61.69	-13.00	-48.69	-72.62	-63.81	1.39	5.66	H
	1412	-67.69	-13.00	-54.69	-71.78	-69.42	0.87	4.75	V
	2118	-61.90	-13.00	-48.90	-71.30	-62.83	1.17	4.25	V
	2824	-57.79	-13.00	-44.79	-69.25	-59.91	1.39	5.66	V
Highest	1424	-67.43	-13.00	-54.43	-72.61	-69.23	0.88	4.83	H
	2144	-66.51	-13.00	-53.51	-75.43	-67.51	1.18	4.33	H
	2856	-64.67	-13.00	-51.67	-75.71	-66.80	1.40	5.68	H
	1424	-62.24	-13.00	-49.24	-66.27	-64.04	0.88	4.83	V
	2144	-62.56	-13.00	-49.56	-72.27	-63.56	1.18	4.33	V
	2856	-60.93	-13.00	-47.93	-72.43	-63.06	1.40	5.68	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-63.45	-13.00	-50.45	-68.52	-65.11	0.87	4.68	H
	2096	-64.36	-13.00	-51.36	-72.86	-65.23	1.16	4.19	H
	2800	-61.87	-13.00	-48.87	-72.74	-63.98	1.38	5.64	H
	1400	-62.93	-13.00	-49.93	-67.02	-64.59	0.87	4.68	V
	2096	-62.41	-13.00	-49.41	-71.44	-63.28	1.16	4.19	V
	2800	-45.96	-13.00	-32.96	-70.40	-48.07	1.38	5.64	V
Middle	1408	-67.33	-13.00	-54.33	-72.41	-69.04	0.87	4.73	H
	2120	-64.65	-13.00	-51.65	-73.44	-65.59	1.17	4.26	H
	2820	-62.52	-13.00	-49.52	-73.44	-64.63	1.39	5.66	H
	1408	-67.26	-13.00	-54.26	-71.36	-68.97	0.87	4.73	V
	2120	-63.26	-13.00	-50.26	-72.64	-64.20	1.17	4.26	V
	2820	-60.16	-13.00	-47.16	-71.61	-62.27	1.39	5.66	V
Highest	1424	-62.58	-13.00	-49.58	-67.76	-64.38	0.88	4.83	H
	2133	-64.17	-13.00	-51.17	-73.09	-65.14	1.18	4.30	H
	2848	-61.42	-13.00	-48.42	-72.47	-63.55	1.40	5.68	H
	1424	-64.24	-13.00	-51.24	-68.27	-66.04	0.88	4.83	V
	2133	-56.68	-13.00	-43.68	-66.39	-57.65	1.18	4.30	V
	2848	-58.33	-13.00	-45.33	-69.84	-60.46	1.40	5.68	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-62.58	-13.00	-49.58	-67.65	-64.23	0.87	4.67	H
	2097	-64.05	-13.00	-51.05	-72.56	-64.93	1.16	4.19	H
	2796	-62.12	-13.00	-49.12	-72.98	-64.22	1.38	5.64	H
	3495	-63.05	-13.00	-50.05	-76.24	-67.28	1.60	7.98	H
	1398	-63.06	-13.00	-50.06	-67.41	-64.71	0.87	4.67	V
	2097	-63.31	-13.00	-50.31	-70.37	-64.19	1.16	4.19	V
	2796	-61.68	-13.00	-48.68	-70.67	-63.78	1.38	5.64	V
	3495	-59.23	-13.00	-46.23	-74.61	-63.46	1.60	7.98	V
Middle	1408	-61.40	-13.00	-48.40	-66.47	-63.11	0.87	4.73	H
	2112	-64.58	-13.00	-51.58	-73.22	-65.50	1.17	4.24	H
	2810	-64.93	-13.00	-51.93	-75.79	-67.04	1.39	5.65	H
	1408	-62.59	-13.00	-49.59	-66.68	-64.30	0.87	4.73	V
	2112	-58.52	-13.00	-45.52	-67.55	-59.44	1.17	4.24	V
	2810	-64.41	-13.00	-51.41	-75.84	-66.52	1.39	5.65	V
Highest	1412	-66.89	-13.00	-53.89	-71.96	-68.62	0.87	4.75	H
	2120	-63.25	-13.00	-50.25	-72.04	-64.19	1.17	4.26	H
	2824	-61.94	-13.00	-48.94	-72.87	-64.06	1.39	5.66	H
	1412	-66.84	-13.00	-53.84	-70.93	-68.57	0.87	4.75	V
	2120	-59.42	-13.00	-46.42	-68.80	-60.36	1.17	4.26	V
	2824	-57.80	-13.00	-44.80	-69.26	-59.92	1.39	5.66	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-66.09	-13	-53.09	-71.17	-67.80	0.87	4.73	H
	2112	-63.65	-13	-50.65	-72.30	-64.57	1.17	4.24	H
	2816	-64.47	-13	-51.47	-75.39	-66.58	1.39	5.65	H
	1408	-67.27	-13	-54.27	-71.37	-68.98	0.87	4.73	V
	2112	-64.14	-13	-51.14	-73.18	-65.06	1.17	4.24	V
	2816	-63.45	-13	-50.45	-74.90	-65.56	1.39	5.65	V
Middle	1416	-66.89	-13	-53.89	-71.96	-68.64	0.87	4.78	H
	2122	-59.62	-13	-46.62	-68.48	-60.56	1.17	4.27	H
	2830	-63.06	-13	-50.06	-74.04	-65.18	1.39	5.66	H
	1416	-68.15	-13	-55.15	-72.24	-69.90	0.87	4.78	V
	2122	-63.92	-13	-50.92	-73.29	-64.86	1.17	4.27	V
	2830	-61.65	-13	-48.65	-73.13	-63.77	1.39	5.66	V
Highest	1424	-61.70	-13	-48.70	-66.88	-63.50	0.88	4.83	H
	2133	-58.96	-13	-45.96	-67.88	-59.93	1.18	4.30	H
	2844	-64.67	-13	-51.67	-75.65	-66.80	1.40	5.68	H
	1424	-63.87	-13	-50.87	-67.90	-65.67	0.88	4.83	V
	2133	-61.43	-13	-48.43	-71.14	-62.40	1.18	4.30	V
	2844	-63.98	-13	-50.98	-75.46	-66.11	1.40	5.68	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-66.13	-13	-53.13	-71.20	-67.84	0.87	4.73	H
	2112	-65.26	-13	-52.26	-73.90	-66.18	1.17	4.24	H
	2816	-64.19	-13	-51.19	-75.11	-66.30	1.39	5.65	H
	1408	-66.73	-13	-53.73	-70.82	-68.44	0.87	4.73	V
	2112	-64.55	-13	-51.55	-73.58	-65.47	1.17	4.24	V
	2816	-62.91	-13	-49.91	-74.36	-65.02	1.39	5.65	V
Middle	1408	-66.76	-13	-53.76	-71.83	-68.47	0.87	4.73	H
	2120	-63.38	-13	-50.38	-72.16	-64.32	1.17	4.26	H
	2820	-62.58	-13	-49.58	-73.50	-64.69	1.39	5.66	H
	1408	-68.33	-13	-55.33	-72.42	-70.04	0.87	4.73	V
	2120	-65.65	-13	-52.65	-75.02	-66.59	1.17	4.26	V
	2820	-62.16	-13	-49.16	-73.61	-64.27	1.39	5.66	V
Highest	1412	-67.75	-13	-54.75	-72.82	-69.48	0.87	4.75	H
	2118	-60.82	-13	-47.82	-69.60	-61.75	1.17	4.25	H
	2824	-63.05	-13	-50.05	-73.97	-65.17	1.39	5.66	H
	1412	-68.65	-13	-55.65	-72.74	-70.38	0.87	4.75	V
	2118	-64.75	-13	-51.75	-74.12	-65.68	1.17	4.25	V
	2824	-48.63	-13	-35.63	-73.08	-50.75	1.39	5.66	V

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