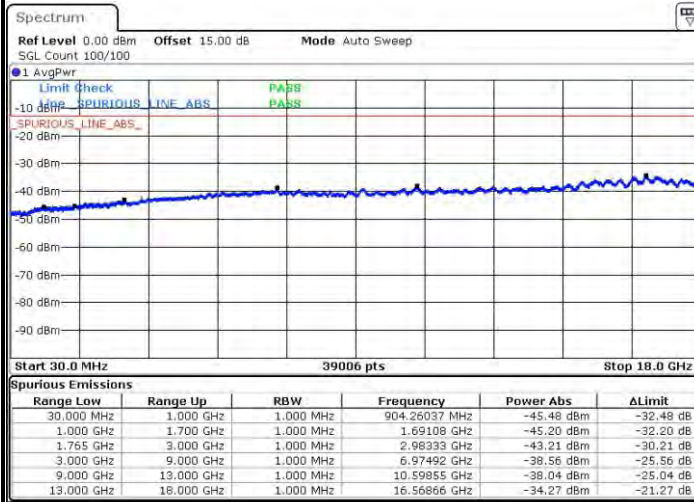




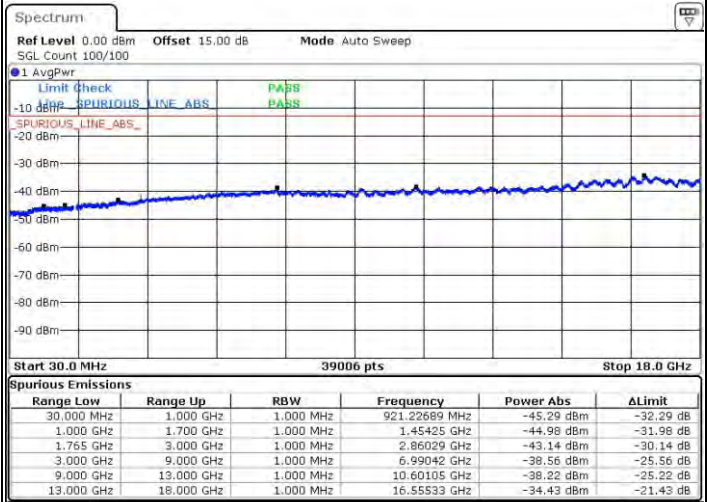
LTE Band 4 / 20MHz

Middle Channel / QPSK



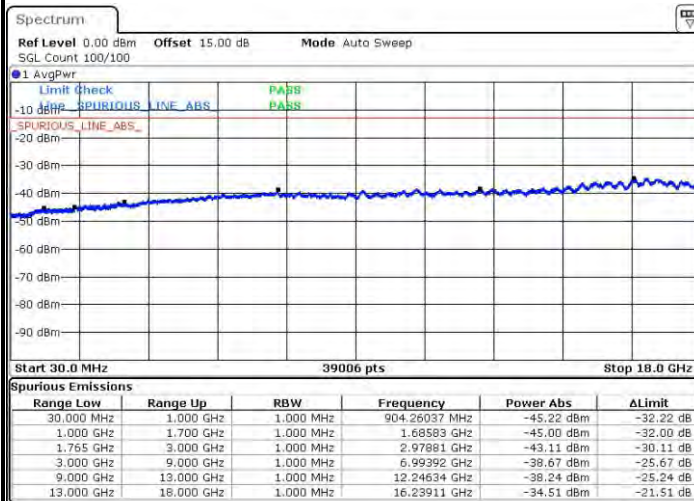
Date: 28.SEP.2015 22:30:26

Middle Channel / 16QAM



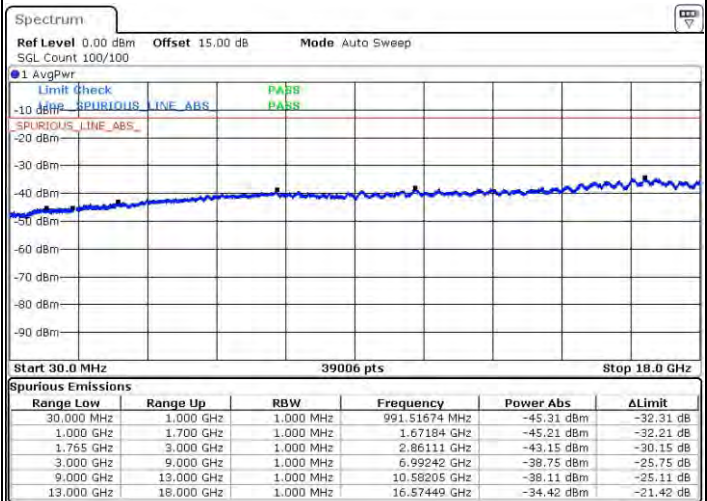
Date: 28.SEP.2015 22:31:22

Highest Channel / QPSK



Date: 28.SEP.2015 22:37:38

Highest Channel / 16QAM

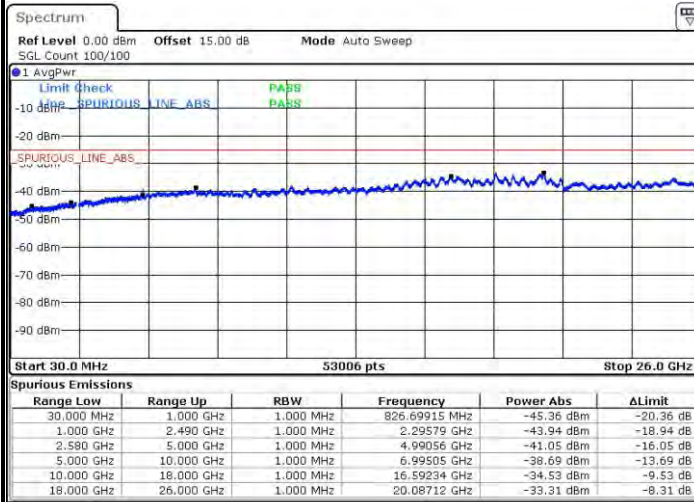


Date: 28.SEP.2015 22:38:33



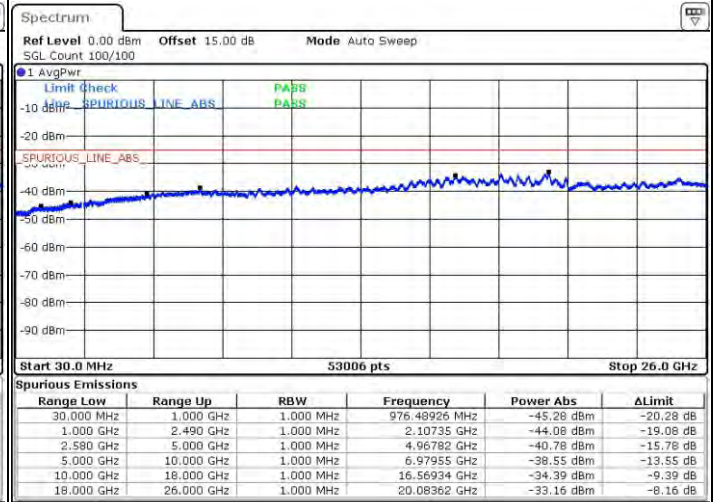
LTE Band 7 / 5MHz

Lowest Channel / QPSK



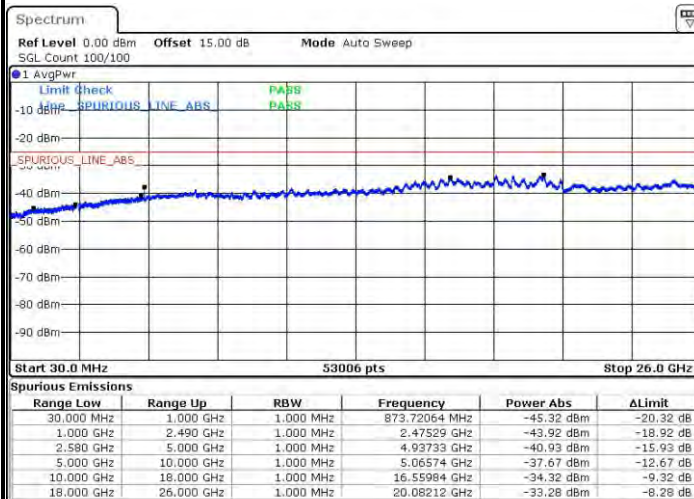
Date: 28.SEP.2015 23:58:23

Lowest Channel / 16QAM



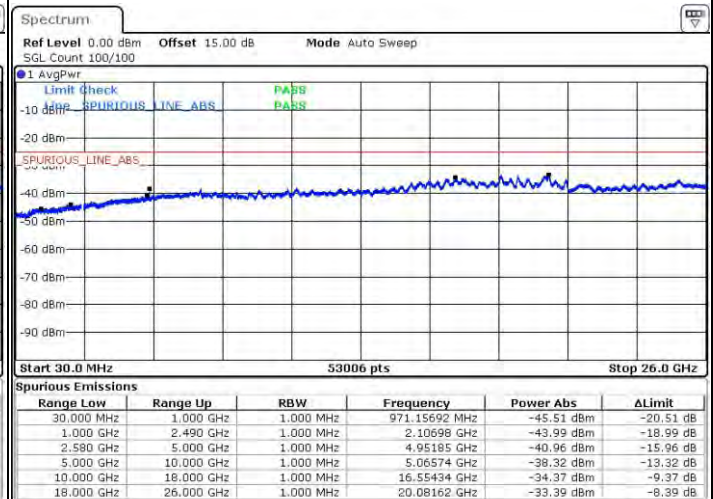
Date: 28.SEP.2015 23:59:17

Middle Channel / QPSK



Date: 28.SEP.2015 00:00:33

Middle Channel / 16QAM

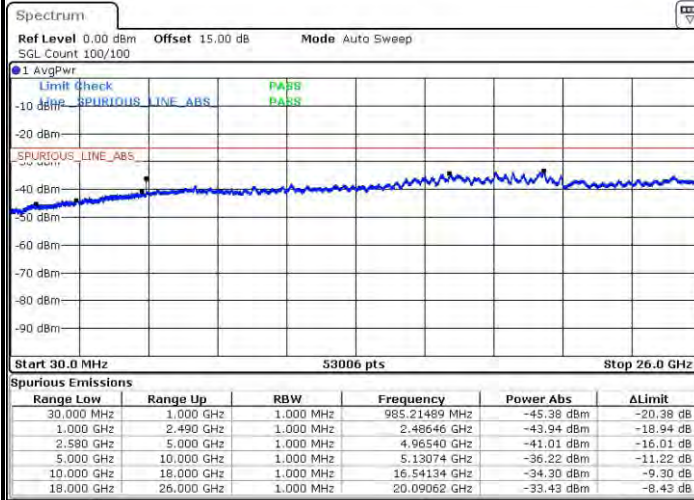


Date: 29.SEP.2015 00:01:47



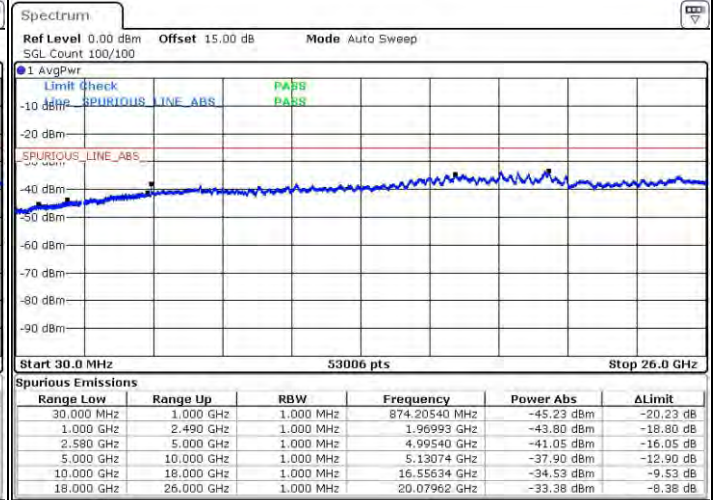
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 29.SEP.2015 00:08:05

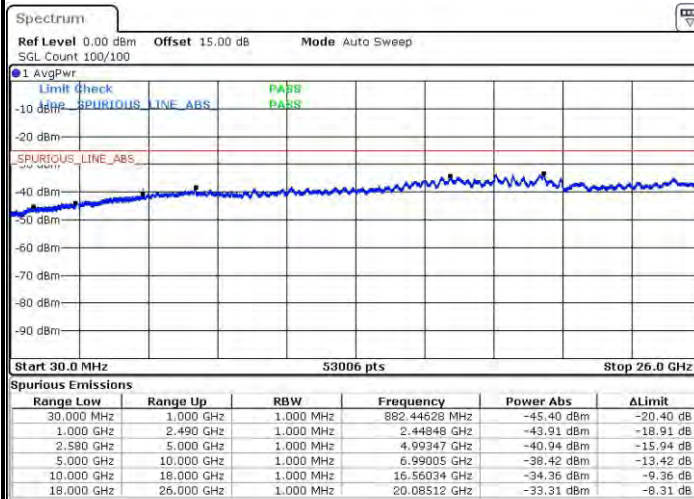
Highest Channel / 16QAM



Date: 29.SEP.2015 00:08:59

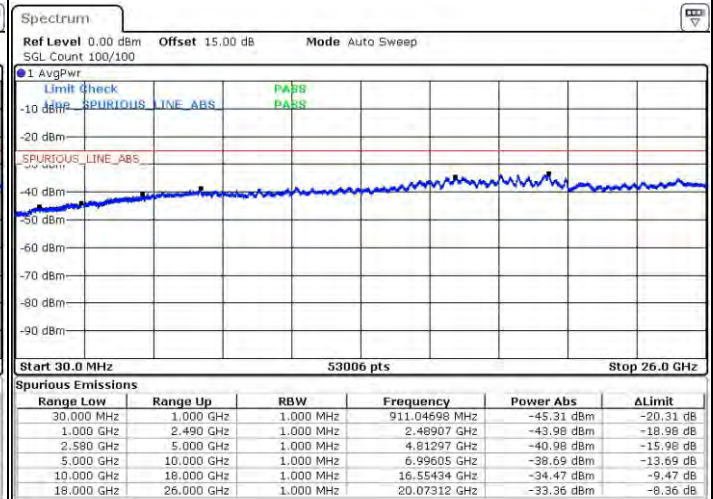
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 29.SEP.2015 00:15:18

Lowest Channel / 16QAM

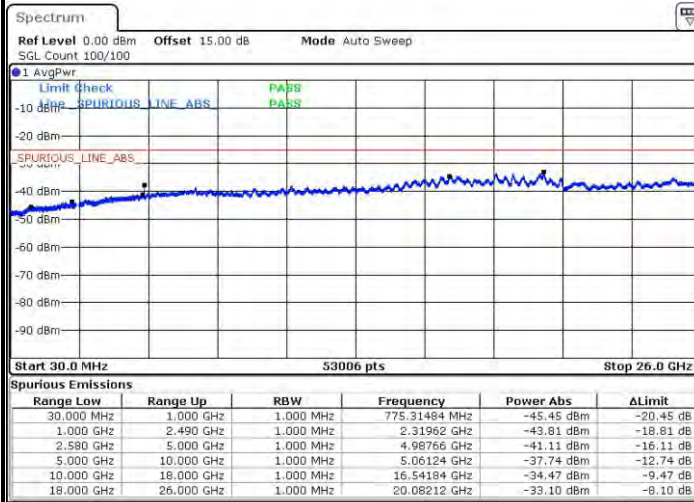


Date: 29.SEP.2015 00:16:09



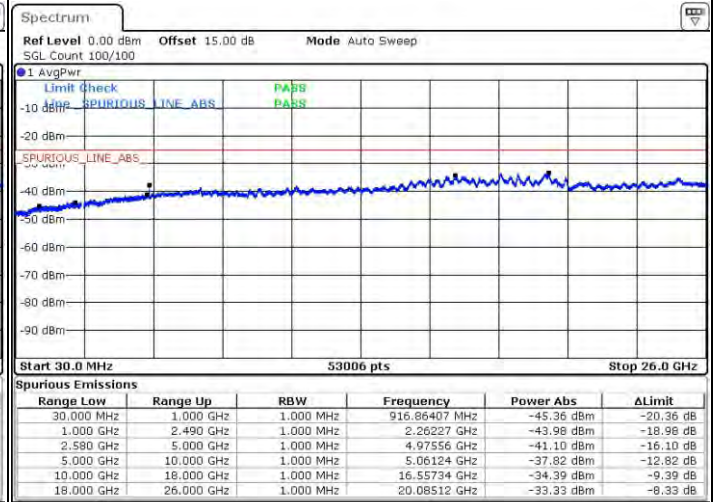
LTE Band 7 / 10MHz

Middle Channel / QPSK



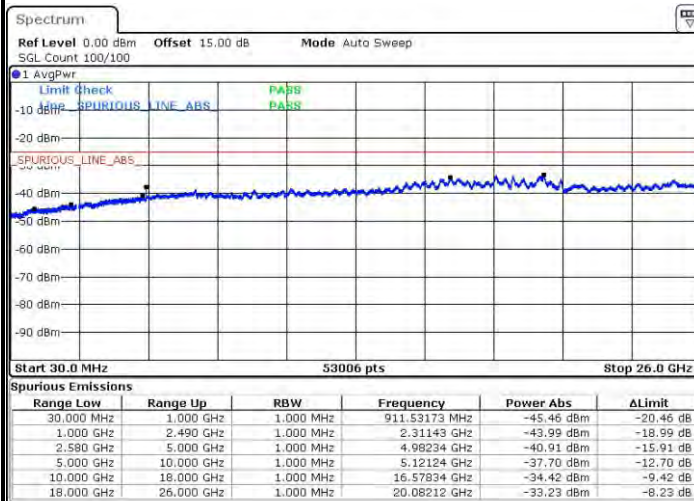
Date: 29.SEP.2015 00:17:46

Middle Channel / 16QAM



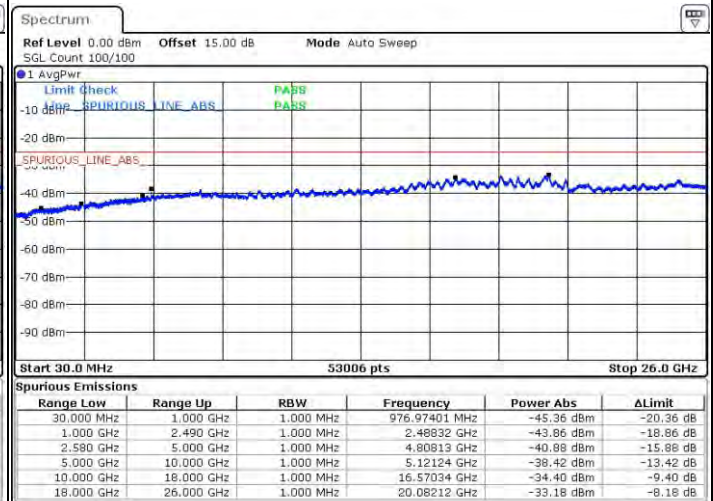
Date: 29.SEP.2015 00:18:39

Highest Channel / QPSK



Date: 29.SEP.2015 00:24:56

Highest Channel / 16QAM

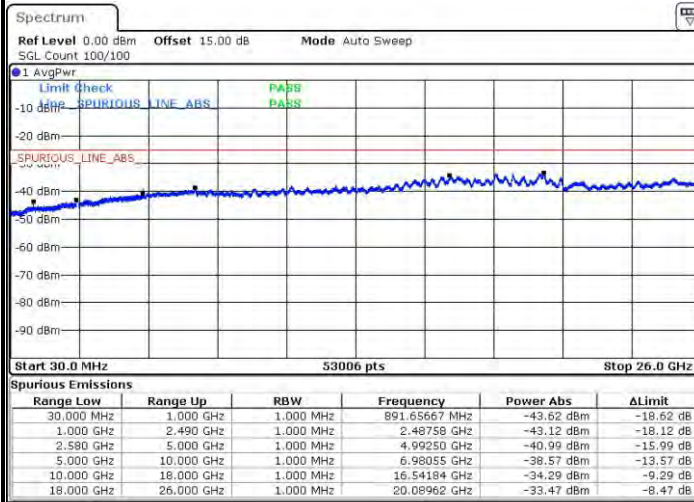


Date: 29.SEP.2015 00:25:30



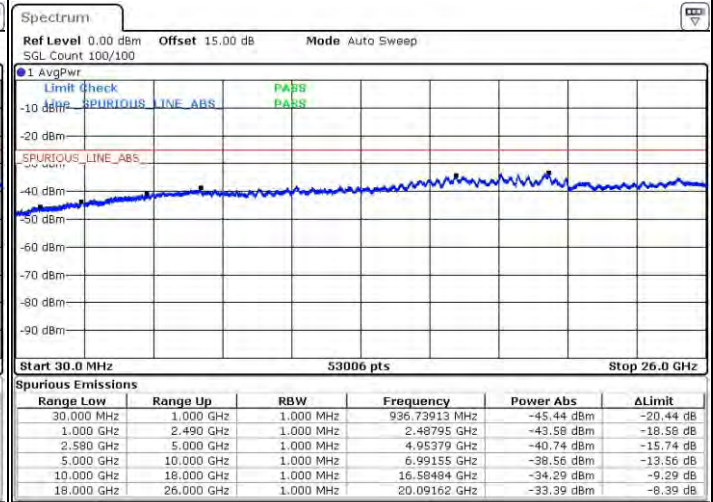
LTE Band 7 / 15MHz

Lowest Channel / QPSK



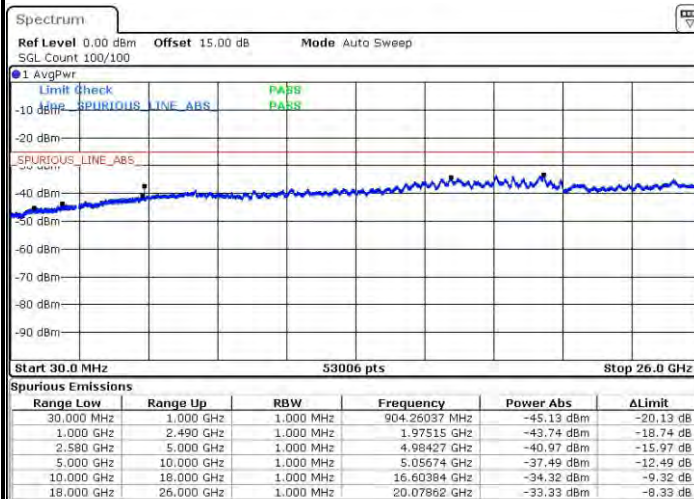
Date: 29.SEP.2015 00:32:06

Lowest Channel / 16QAM



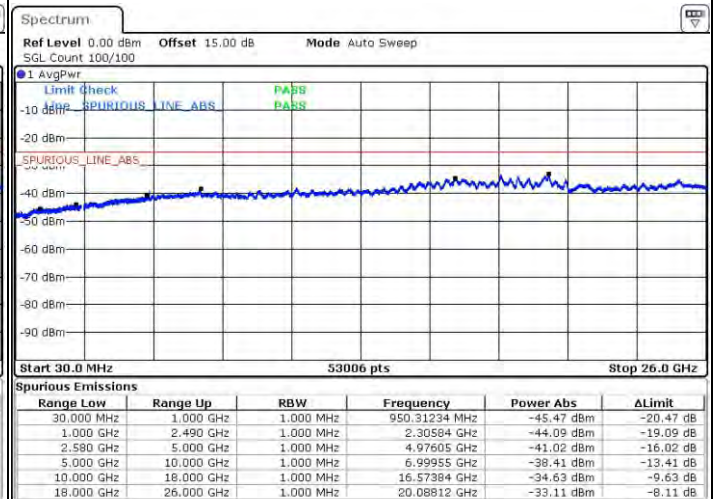
Date: 29.SEP.2015 00:33:00

Middle Channel / QPSK



Date: 29.SEP.2015 00:34:36

Middle Channel / 16QAM

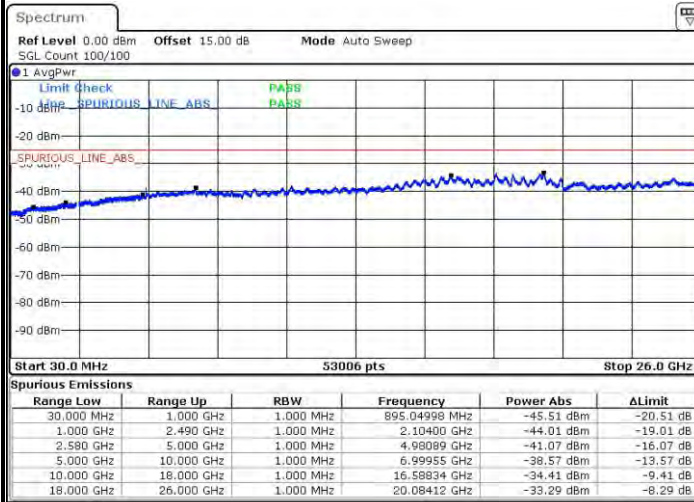


Date: 29.SEP.2015 00:35:30



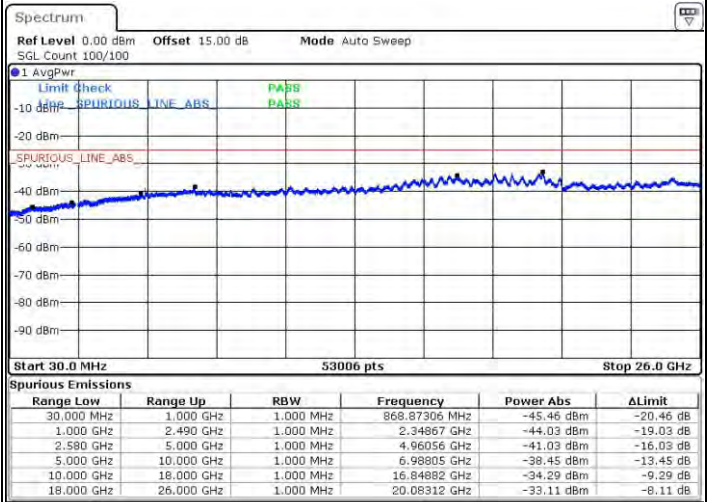
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 29.SEP.2015 00:41:45

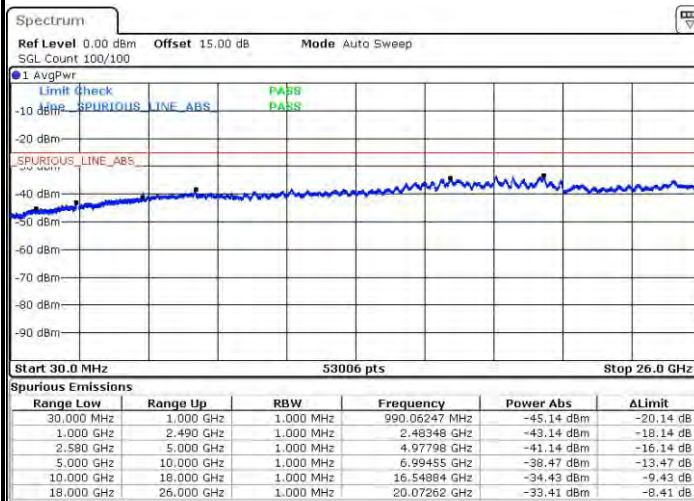
Highest Channel / 16QAM



Date: 29.SEP.2015 00:42:43

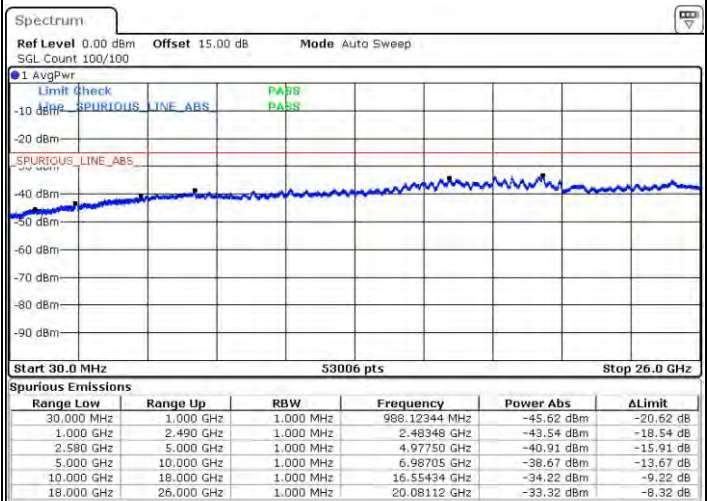
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 29.SEP.2015 00:48:58

Lowest Channel / 16QAM

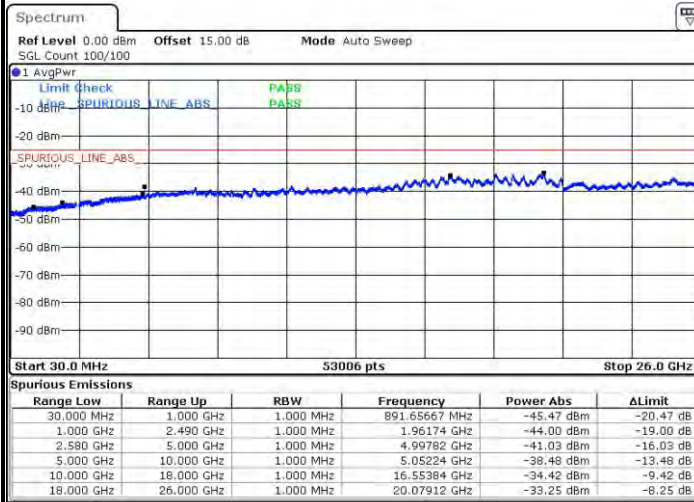


Date: 29.SEP.2015 00:49:52



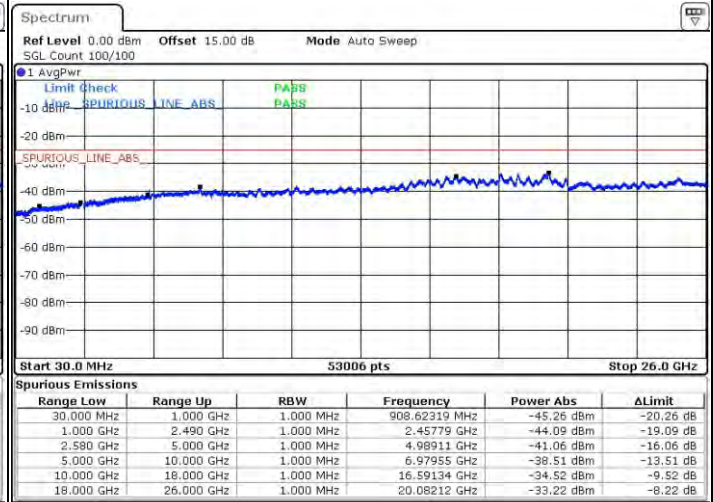
LTE Band 7 / 20MHz

Middle Channel / QPSK



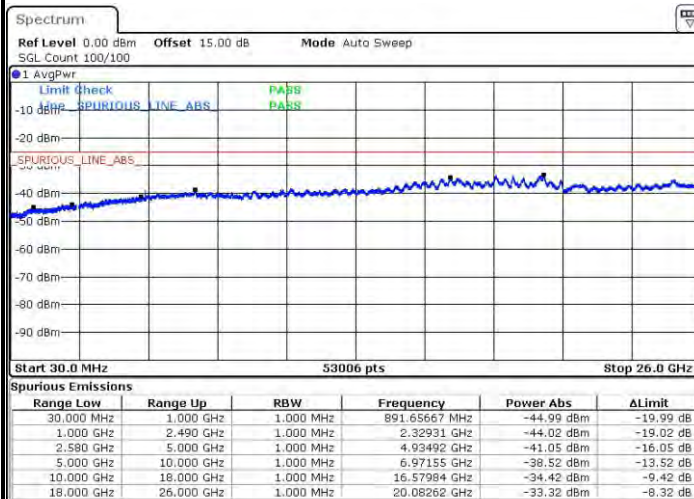
Date: 29.SEP.2015 00:51:26

Middle Channel / 16QAM



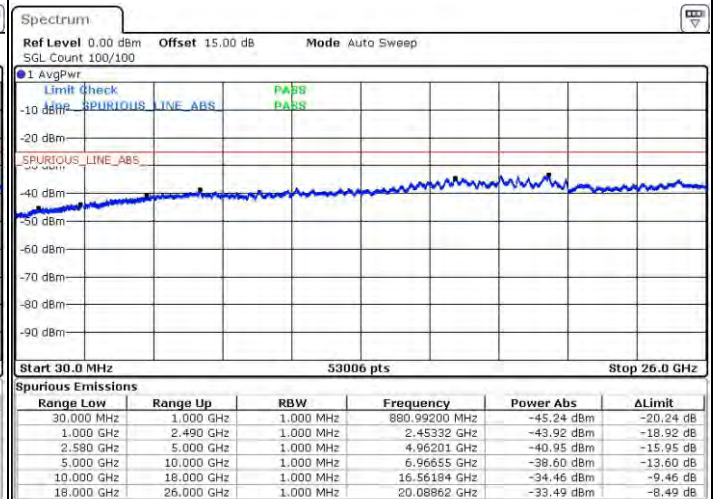
Date: 29.SEP.2015 00:52:23

Highest Channel / QPSK



Date: 29.SEP.2015 00:58:39

Highest Channel / 16QAM

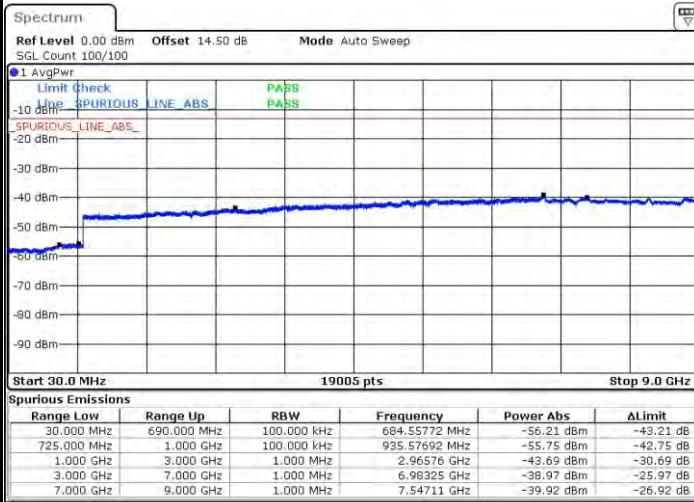


Date: 29.SEP.2015 00:59:33



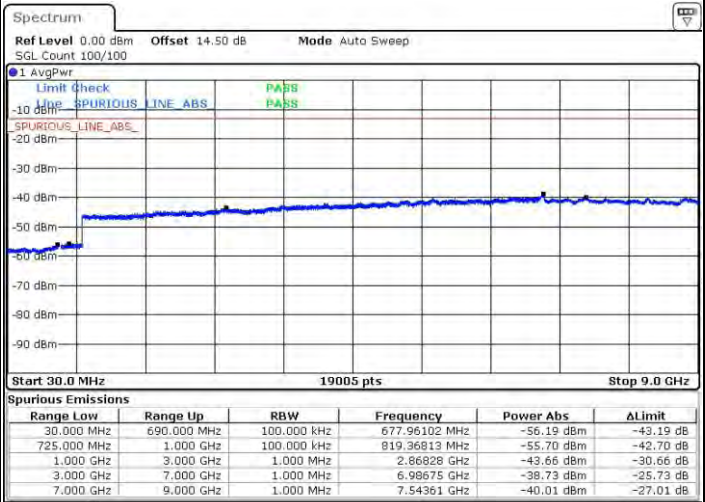
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



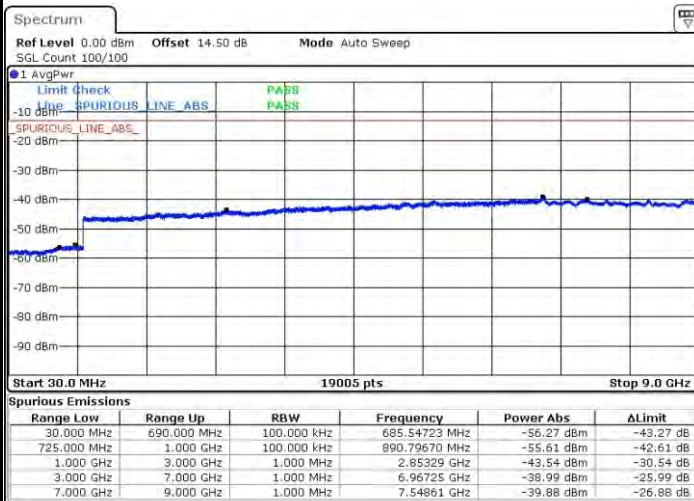
Date: 23.SEP.2015 21:59:24

Lowest Channel / 16QAM



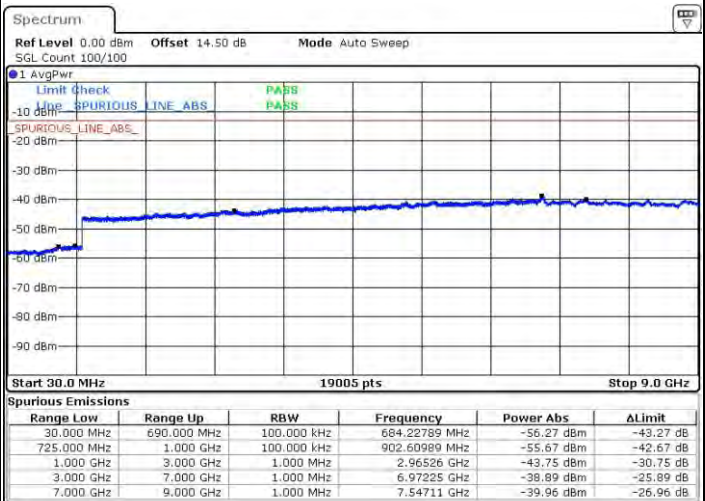
Date: 23.SEP.2015 22:00:21

Middle Channel / QPSK



Date: 23.SEP.2015 22:02:00

Middle Channel / 16QAM

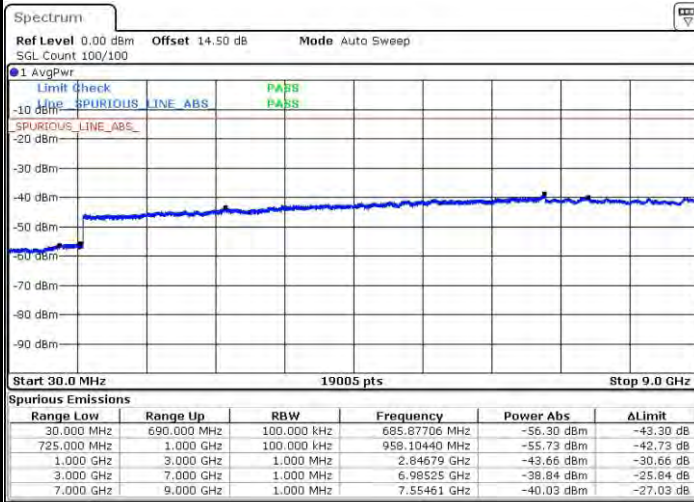


Date: 23.SEP.2015 22:02:56



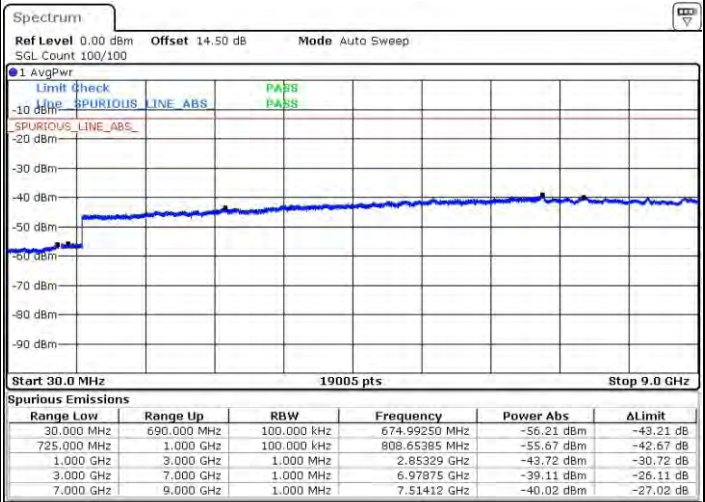
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 23.SEP.2015 22:12:16

Highest Channel / 16QAM



Date: 23.SEP.2015 22:33:59

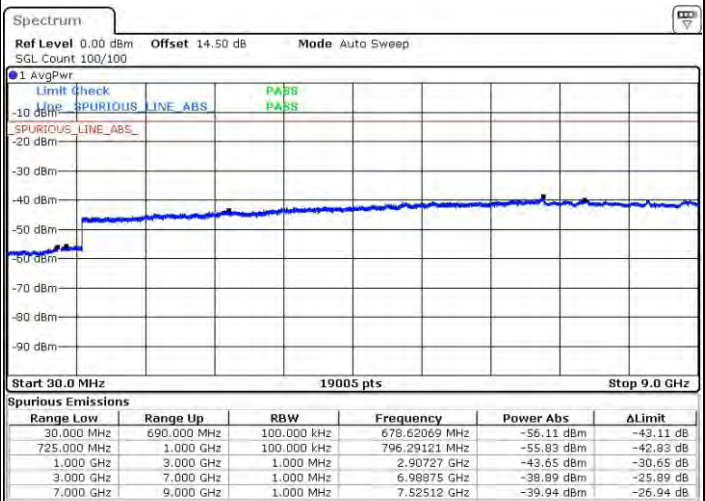
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 23.SEP.2015 22:22:31

Lowest Channel / 16QAM

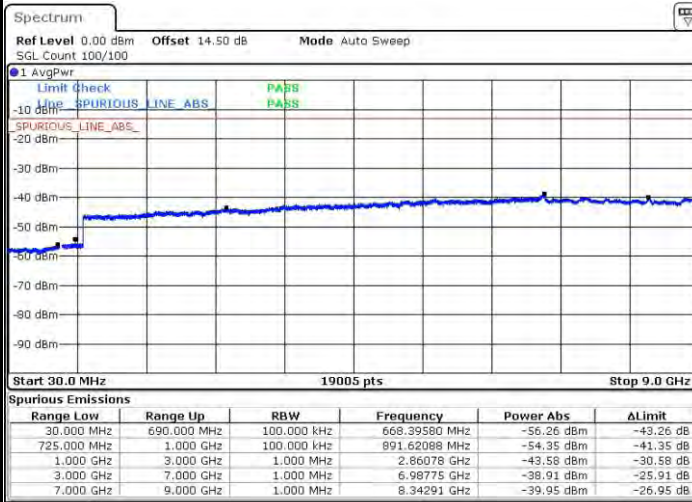


Date: 23.SEP.2015 22:23:26



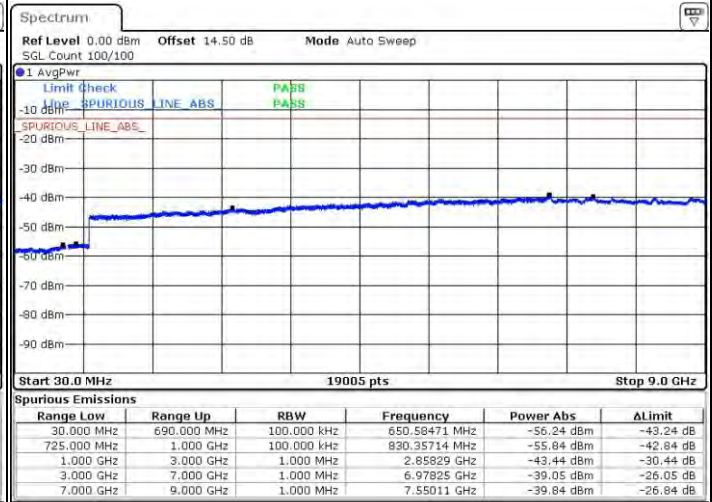
LTE Band 12 / 3MHz

Middle Channel / QPSK



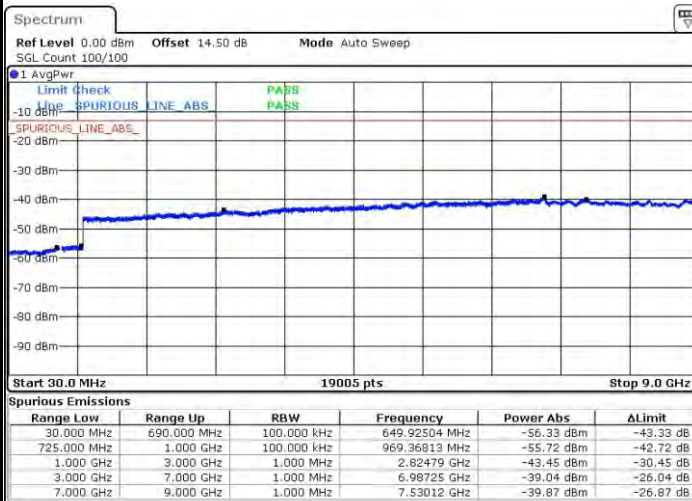
Date: 23.SEP.2015 22:25:08

Middle Channel / 16QAM



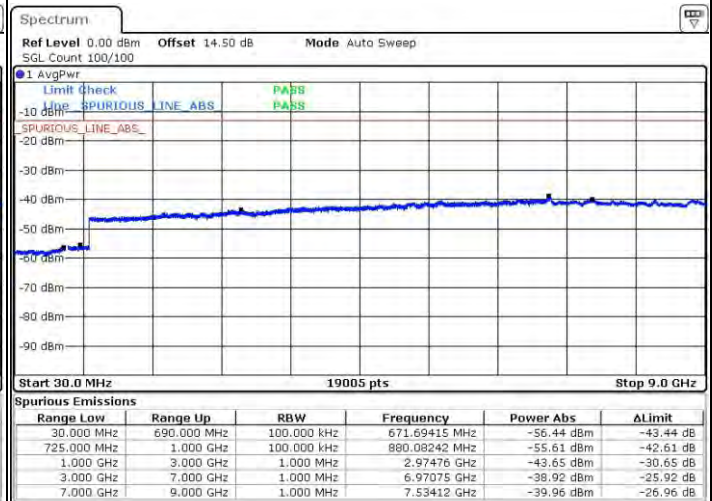
Date: 23.SEP.2015 22:26:05

Highest Channel / QPSK



Date: 23.SEP.2015 22:33:11

Highest Channel / 16QAM

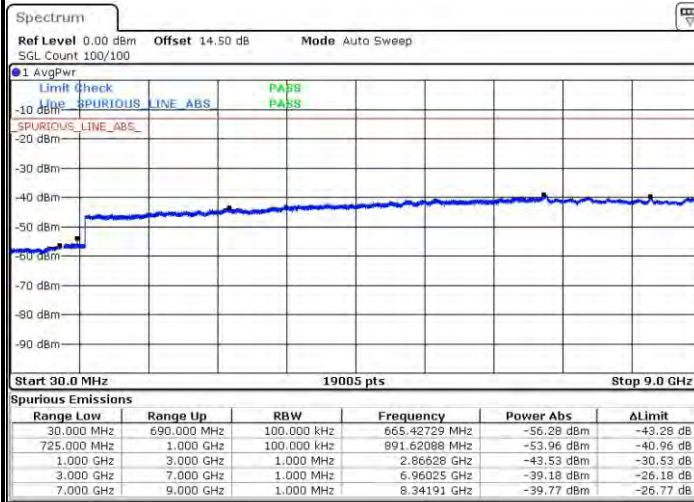


Date: 23.SEP.2015 22:36:19



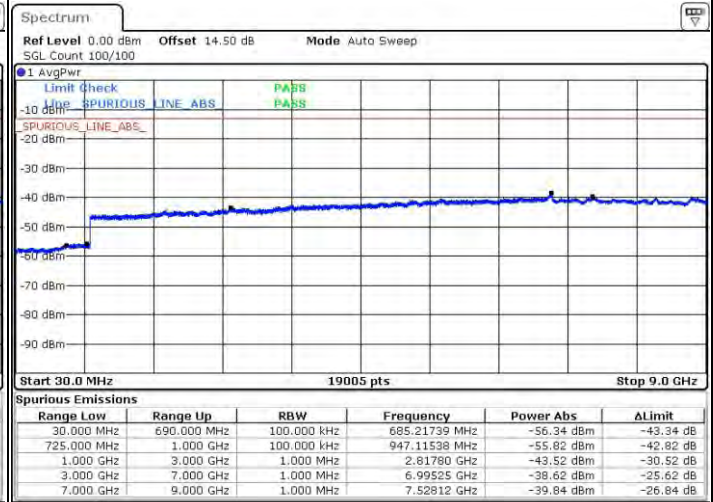
LTE Band 12 / 5MHz

Lowest Channel / QPSK



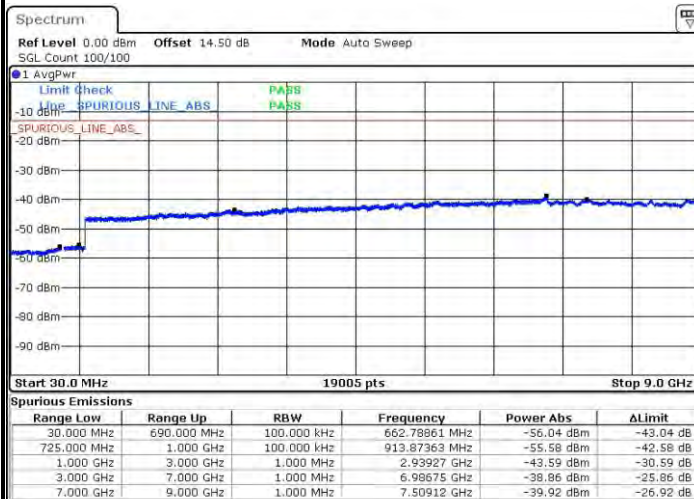
Date: 23.SEP.2015 22:45:38

Lowest Channel / 16QAM



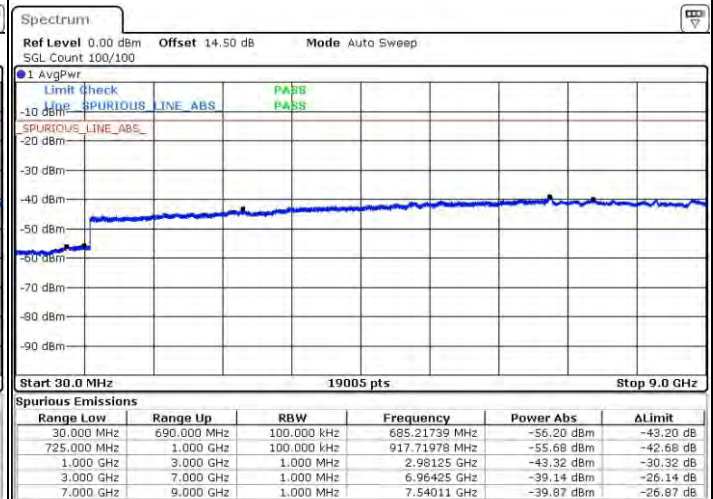
Date: 23.SEP.2015 22:46:34

Middle Channel / QPSK



Date: 23.SEP.2015 23:32:02

Middle Channel / 16QAM

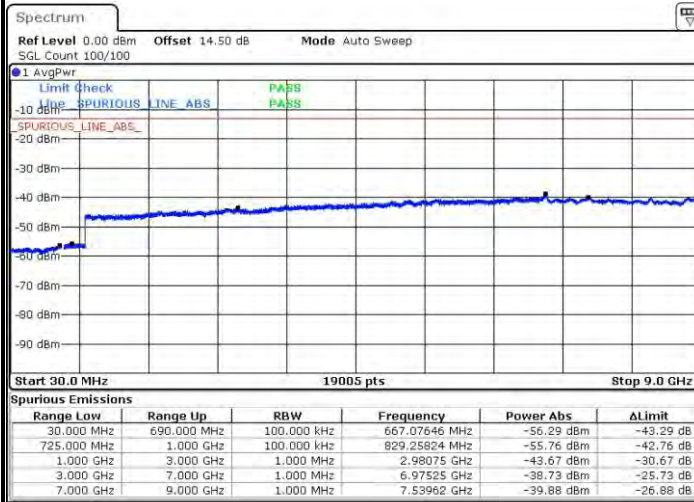


Date: 23.SEP.2015 23:31:20



LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 23.SEP.2015 23:32:36

Highest Channel / 16QAM



Date: 23.SEP.2015 22:59:29

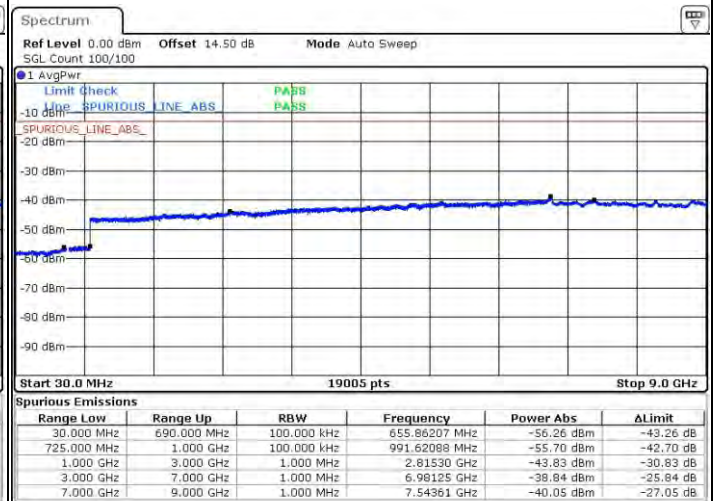
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 23.SEP.2015 23:08:43

Lowest Channel / 16QAM

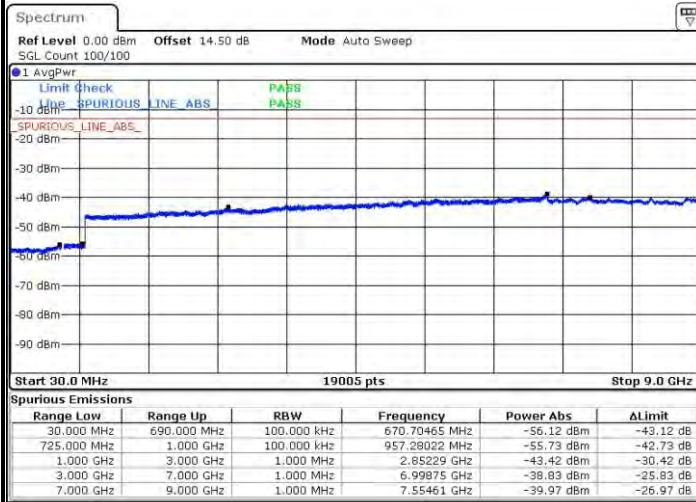


Date: 23.SEP.2015 23:08:40



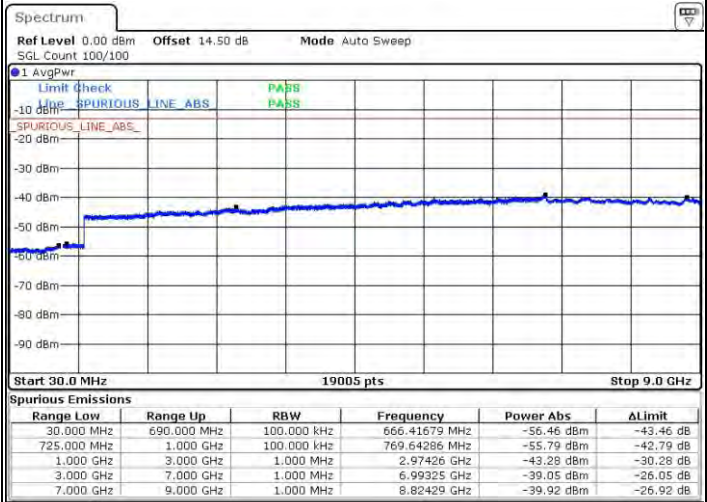
LTE Band 12 / 10MHz

Middle Channel / QPSK



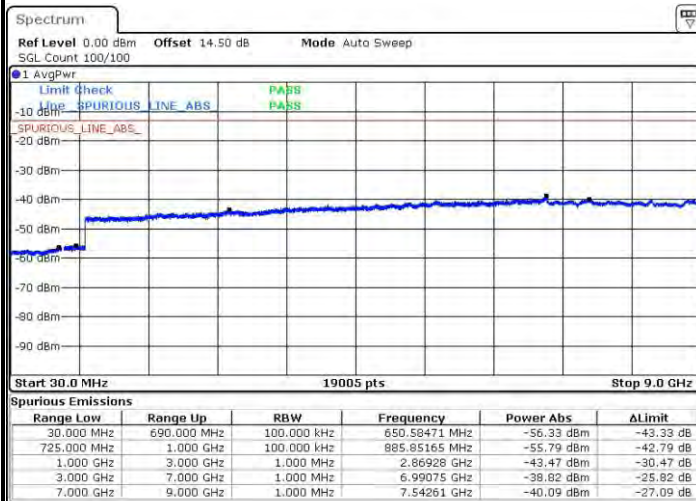
Date: 23.SEP.2015 23:29:43

Middle Channel / 16QAM



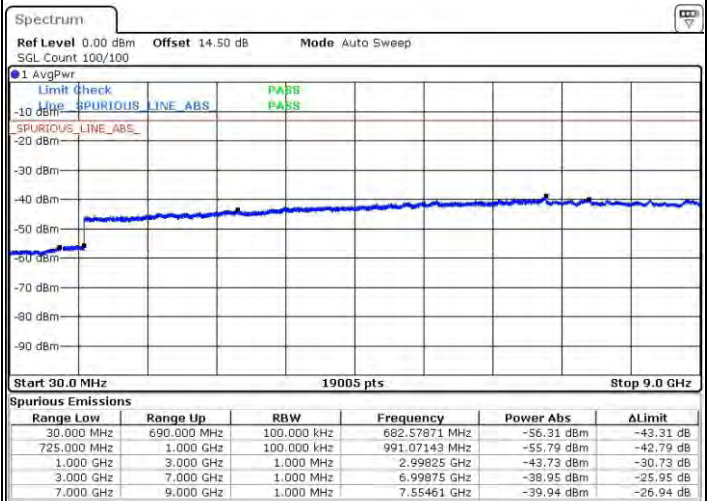
Date: 23.SEP.2015 23:30:26

Highest Channel / QPSK



Date: 23.SEP.2015 23:21:32

Highest Channel / 16QAM

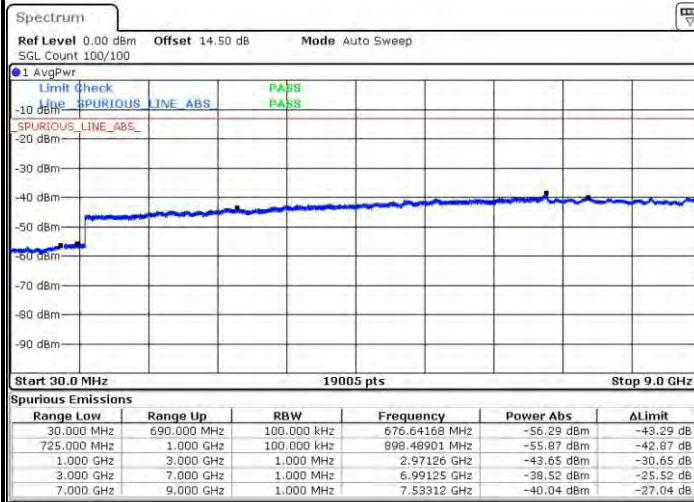


Date: 23.SEP.2015 23:22:29



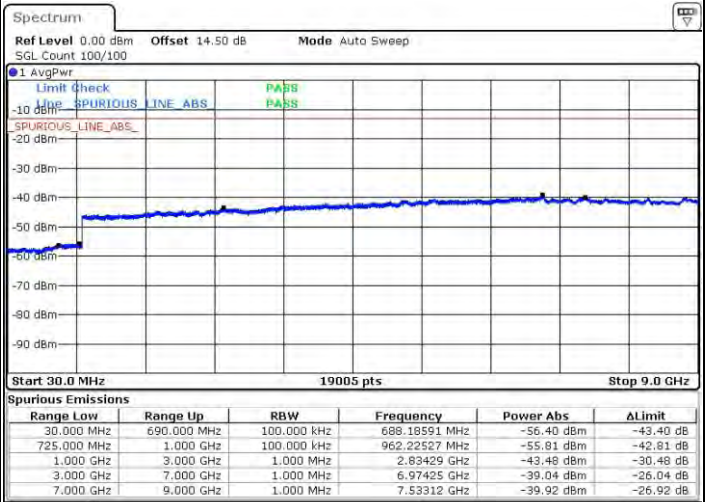
LTE Band 17 / 5MHz

Lowest Channel / QPSK



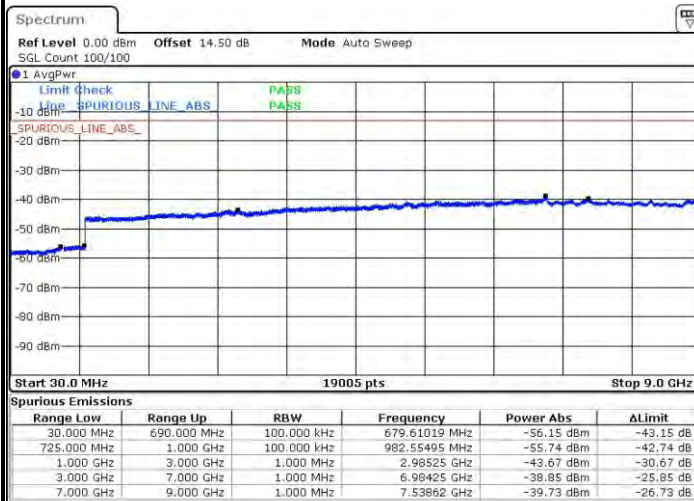
Date: 23.SEP.2015 20:43:12

Lowest Channel / 16QAM



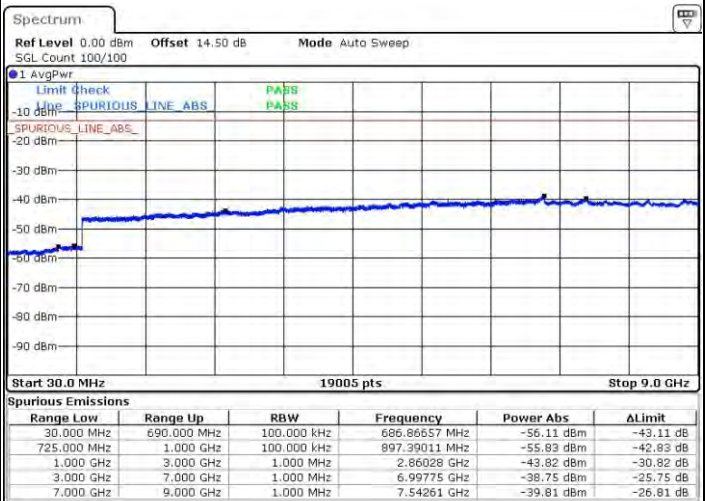
Date: 23.SEP.2015 20:44:08

Middle Channel / QPSK



Date: 23.SEP.2015 20:45:47

Middle Channel / 16QAM

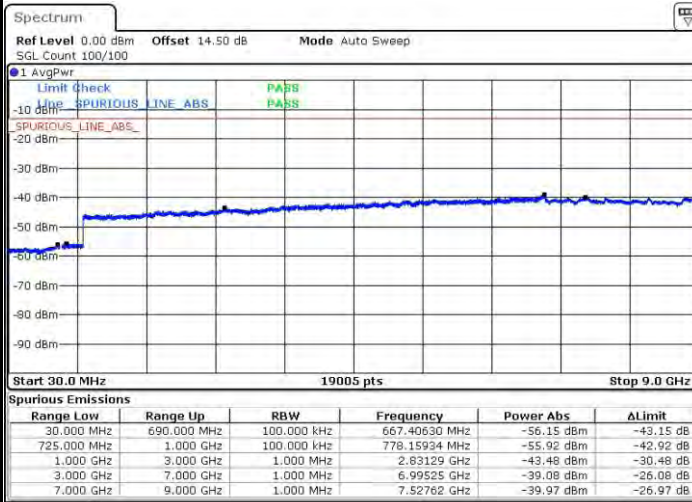


Date: 23.SEP.2015 20:46:44



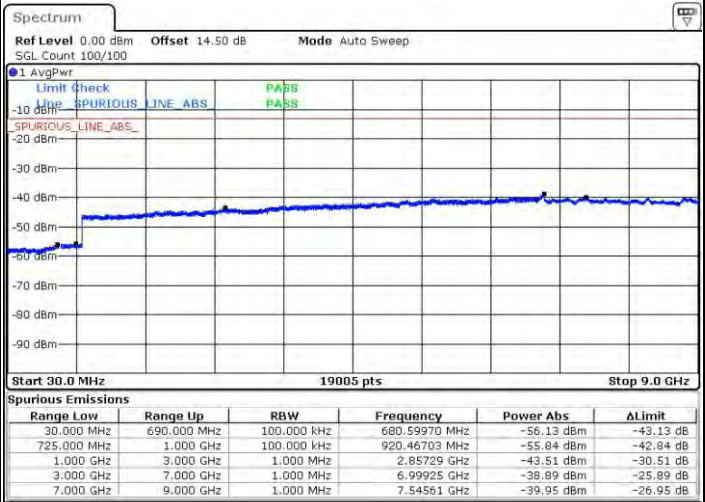
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 23.SEP.2015 20:56:04

Highest Channel / 16QAM



Date: 23.SEP.2015 20:57:00

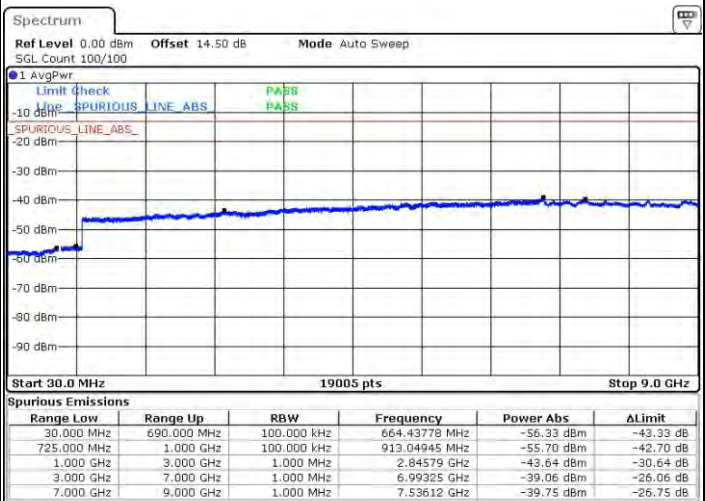
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 23.SEP.2015 21:06:19

Lowest Channel / 16QAM

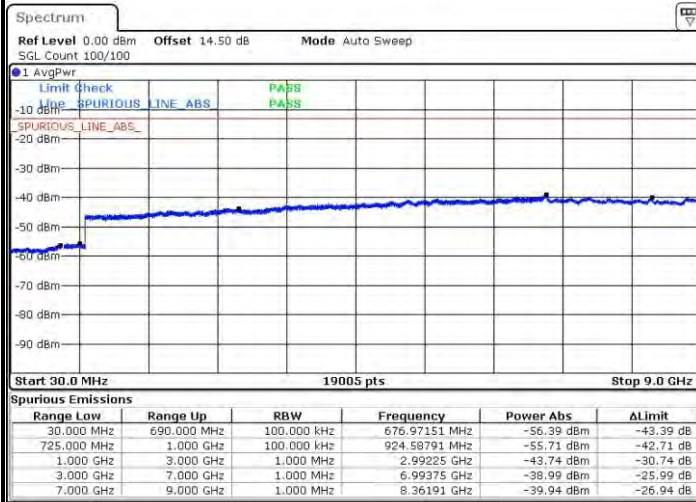


Date: 23.SEP.2015 21:07:16



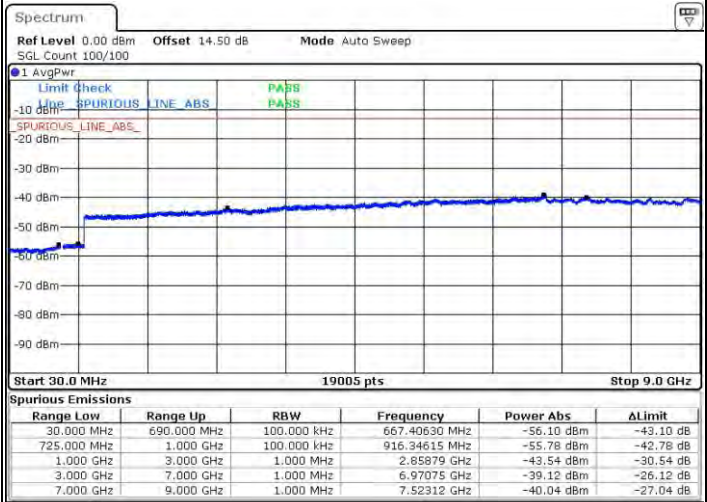
LTE Band 17 / 10MHz

Middle Channel / QPSK



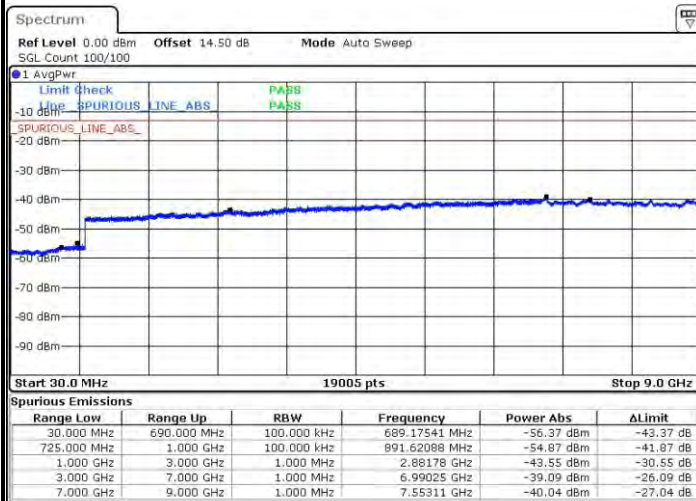
Date: 23.SEP.2015 21:08:55

Middle Channel / 16QAM



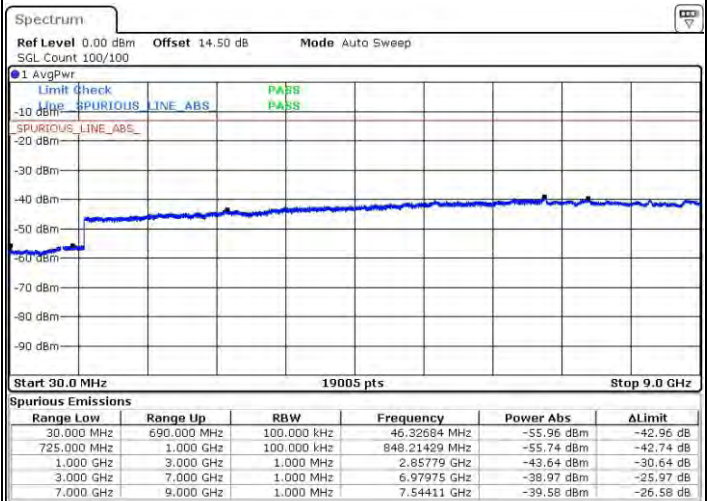
Date: 23.SEP.2015 21:09:52

Highest Channel / QPSK



Date: 23.SEP.2015 21:19:12

Highest Channel / 16QAM



Date: 23.SEP.2015 21:20:08

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0239	
30	Normal Voltage	0.0211	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0211	
0	Normal Voltage	0.0225	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0254	
-30	Normal Voltage	0.0225	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0085	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0239	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0268	
-20	Normal Voltage	0.0056	
-30	Normal Voltage	0.0296	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0268	PASS
40	Normal Voltage	0.0239	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0211	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0254	
-20	Normal Voltage	0.0282	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0155	
30	Normal Voltage	0.0169	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0141	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0155	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0141	PASS
40	Normal Voltage	0.0155	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.2V
2. Note: 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	1	3	23.89	0.2449	24.05	0.2541
Middle		3	1	24.61	0.2891	24.69	0.2944
Highest		3	1	24.51	0.2825	24.59	0.2877
Lowest	16QAM	3	1	22.47	0.1766	22.61	0.1824
Middle		1	3	23.42	0.2198	23.49	0.2234
Highest		3	1	24.04	0.2535	24.01	0.2518
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	23.91	0.2460	24.05	0.2541
Middle		1	14	24.29	0.2685	24.44	0.2780
Highest		1	0	24.10	0.2570	24.23	0.2649
Lowest	16QAM	1	14	22.89	0.1945	23.13	0.2056
Middle		1	0	23.34	0.2158	23.34	0.2158
Highest		1	8	23.19	0.2084	23.22	0.2099
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	24	24.14	0.2594	24.39	0.2748
Middle		1	12	24.72	0.2965	24.80	0.3020
Highest		1	12	24.81	0.3027	24.94	0.3119
Lowest	16QAM	1	24	23.20	0.2089	23.39	0.2183
Middle		1	0	23.37	0.2173	23.31	0.2143
Highest		1	12	23.22	0.2099	23.28	0.2128
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	49	24.06	0.2547	24.21	0.2636
Middle		1	49	24.37	0.2735	24.55	0.2851
Highest		1	25	24.38	0.2742	24.56	0.2858
Lowest	16QAM	1	0	23.16	0.2070	23.36	0.2168
Middle		1	49	23.59	0.2286	23.81	0.2404
Highest		1	49	23.82	0.2410	23.86	0.2432
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	24.10	0.2570	24.24	0.2655
Middle		1	0	24.24	0.2655	24.26	0.2667
Highest		1	0	24.31	0.2698	24.41	0.2761
Lowest	16QAM	1	0	23.47	0.2223	23.65	0.2317
Middle		1	0	23.44	0.2208	23.45	0.2213
Highest		1	74	23.28	0.2128	23.31	0.2143
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	24.12	0.2582	24.26	0.2667
Middle		1	0	24.19	0.2624	24.32	0.2704
Highest		1	0	24.33	0.2710	24.58	0.2871
Lowest	16QAM	1	0	23.03	0.2009	23.23	0.2104
Middle		1	0	23.35	0.2163	23.47	0.2223
Highest		1	0	23.35	0.2163	23.39	0.2183
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	3	3	25.37	0.3443	25.51	0.3556
Middle		3	1	25.66	0.3681	25.71	0.3724
Highest		3	1	26.00	0.3981	25.88	0.3873
Lowest	16QAM	3	3	24.33	0.2710	24.44	0.2780
Middle		1	3	24.48	0.2805	24.55	0.2851
Highest		1	3	25.24	0.3342	25.24	0.3342
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	14	25.48	0.3532	25.53	0.3573
Middle		1	0	25.72	0.3733	25.73	0.3741
Highest		1	14	26.00	0.3981	26.02	0.3999
Lowest	16QAM	1	0	24.95	0.3126	25.00	0.3162
Middle		1	0	24.57	0.2864	24.63	0.2904
Highest		1	8	25.17	0.3289	24.87	0.3069
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	25.44	0.3499	25.54	0.3581
Middle		1	12	25.72	0.3733	25.83	0.3828
Highest		1	0	25.83	0.3828	25.71	0.3724
Lowest	16QAM	1	24	24.32	0.2704	24.35	0.2723
Middle		1	0	24.49	0.2812	24.59	0.2877
Highest		1	0	24.76	0.2992	24.72	0.2965
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	25.76	0.3767	25.79	0.3793
Middle		1	0	25.61	0.3639	25.68	0.3698
Highest		1	49	25.76	0.3767	25.77	0.3776
Lowest	16QAM	1	49	24.56	0.2858	24.67	0.2931
Middle		1	0	24.57	0.2864	24.71	0.2958
Highest		1	0	25.19	0.3304	25.45	0.3508
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	25.58	0.3614	25.70	0.3715
Middle		1	0	25.49	0.3540	25.54	0.3581
Highest		1	0	25.75	0.3758	25.84	0.3837
Lowest	16QAM	1	0	25.12	0.3251	25.15	0.3273
Middle		1	0	24.55	0.2851	24.69	0.2944
Highest		1	0	24.88	0.3076	25.09	0.3228
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	25.54	0.3581	25.71	0.3724
Middle		1	0	25.66	0.3681	25.68	0.3698
Highest		1	0	25.76	0.3767	25.81	0.3811
Lowest	16QAM	1	0	24.43	0.2773	24.60	0.2884
Middle		1	0	24.54	0.2844	24.62	0.2897
Highest		1	0	24.86	0.3062	25.01	0.3170
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	15.83	0.0383	13.77	0.0238
Middle		1	12	15.99	0.0397	12.08	0.0161
Highest		1	12	16.58	0.0455	12.27	0.0169
Lowest	16QAM	1	24	15.62	0.0365	13.39	0.0218
Middle		1	24	15.10	0.0324	13.68	0.0233
Highest		1	0	15.11	0.0324	14.21	0.0264
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	15.84	0.0384	17.35	0.0543
Middle		1	49	16.11	0.0408	17.18	0.0522
Highest		1	25	16.52	0.0449	17.48	0.0560
Lowest	16QAM	1	0	16.47	0.0444	15.99	0.0397
Middle		1	49	16.10	0.0407	13.33	0.0215
Highest		1	0	16.38	0.0435	13.04	0.0201
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	74	15.23	0.0333	15.35	0.0343
Middle		1	37	15.25	0.0335	14.86	0.0306
Highest		1	0	15.89	0.0388	15.52	0.0356
Lowest	16QAM	1	0	15.60	0.0363	15.08	0.0322
Middle		1	74	15.18	0.0330	14.49	0.0281
Highest		1	0	15.78	0.0378	14.86	0.0306
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	49	16.64	0.0461	14.72	0.0296
Middle		1	49	16.23	0.0420	14.04	0.0254
Highest		1	49	16.96	0.0497	14.25	0.0266
Lowest	16QAM	1	99	14.95	0.0313	14.28	0.0268
Middle		1	99	15.28	0.0337	13.95	0.0248
Highest		1	0	15.95	0.0394	14.32	0.0270
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	1	0	9.63	0.0092	-1.45	0.0007
Middle		3	3	10.29	0.0107	-0.67	0.0009
Highest		3	1	11.54	0.0143	0.26	0.0011
Lowest	16QAM	3	1	9.01	0.0080	-2.72	0.0005
Middle		3	3	10.33	0.0108	-2.04	0.0006
Highest		1	0	10.67	0.0117	-1.62	0.0007
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	0	9.68	0.0093	-1.46	0.0007
Middle		1	8	10.19	0.0104	-0.77	0.0008
Highest		1	14	11.21	0.0132	0.14	0.0010
Lowest	16QAM	1	14	9.01	0.0080	-2.14	0.0006
Middle		1	0	9.30	0.0085	-2.61	0.0005
Highest		1	14	10.66	0.0116	-1.50	0.0007
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	9.90	0.0098	-1.15	0.0008
Middle		1	12	10.42	0.0110	-0.53	0.0009
Highest		1	12	11.23	0.0133	0.32	0.0011
Lowest	16QAM	1	0	8.53	0.0071	-3.17	0.0005
Middle		1	0	9.48	0.0089	-2.68	0.0005
Highest		1	0	9.69	0.0093	-2.59	0.0006
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	49	10.37	0.0109	-0.09	0.0010
Middle		1	49	10.55	0.0114	-0.04	0.0010
Highest		1	49	11.24	0.0133	0.45	0.0011
Lowest	16QAM	1	49	9.41	0.0087	-2.79	0.0005
Middle		1	0	9.18	0.0083	-2.88	0.0005
Highest		1	49	10.71	0.0118	-1.81	0.0007
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	12	10.47	0.0111	-0.83	0.0008
Middle		1	12	10.44	0.0111	-0.72	0.0008
Highest		1	12	11.17	0.0131	-0.07	0.0010
Lowest	16QAM	1	24	8.98	0.0079	-1.66	0.0007
Middle		1	0	9.50	0.0089	-1.32	0.0007
Highest		1	24	10.32	0.0108	-0.62	0.0009
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	49	10.94	0.0124	-0.27	0.0009
Middle		1	49	11.06	0.0128	-0.16	0.0010
Highest		1	49	11.21	0.0132	-0.11	0.0010
Lowest	16QAM	1	0	9.30	0.0085	-1.50	0.0007
Middle		1	49	10.15	0.0104	-0.63	0.0009
Highest		1	49	10.07	0.0102	-1.01	0.0008
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	3700.32	-45.49	-13	-32.49	-58.26	-52.67	0.82	8.00	H
	5550.48	-43.15	-13	-30.15	-61.90	-53.14	1.01	11.00	H
	7400.64	-41.03	-13	-28.03	-63.20	-53.27	1.46	13.70	H
	3700.32	-45.54	-13	-32.54	-58.61	-52.72	0.82	8	V
	5550.48	-39.35	-13	-26.35	-58.56	-49.34	1.01	11	V
	7400.64	-42.90	-13	-29.90	-65.39	-55.14	1.46	13.7	V
Middle	3758.92	-49.88	-13	-36.88	-62.65	-57.06	0.82	8.00	H
	5638.38	-28.94	-13	-15.94	-50.67	-38.93	1.01	11.00	H
	7517.84	-38.63	-13	-25.63	-62.05	-50.87	1.46	13.70	H
	3758.92	-47.61	-13	-34.61	-60.68	-54.79	0.82	8	V
	5638.38	-29.26	-13	-16.26	-50.89	-39.25	1.01	11	V
	7517.84	-40.99	-13	-27.99	-63.48	-53.23	1.46	13.7	V
Highest	3817.52	-45.51	-13	-32.51	-58.28	-52.69	0.82	8.00	H
	5726.28	-28.53	-13	-15.53	-50.30	-38.52	1.01	11.00	H
	7635.04	-30.56	-13	-17.56	-57.12	-42.80	1.46	13.70	H
	3817.52	-45.26	-13	-32.26	-58.33	-52.44	0.82	8	V
	5726.28	-24.74	-13	-11.74	-46.92	-34.73	1.01	11	V
	7635.04	-32.15	-13	-19.15	-58.19	-44.39	1.46	13.7	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	3758.92	-37.92	-13	-24.92	-52.09	-45.10	0.82	8.00	H
	5638.38	-27.15	-13	-14.15	-49.13	-37.14	1.01	11.00	H
	7517.84	-42.47	-13	-29.47	-64.64	-54.71	1.46	13.70	H
	3758.92	-42.54	-13	-29.54	-55.61	-49.72	0.82	8	V
	5638.38	-33.04	-13	-20.04	-53.83	-43.03	1.01	11	V
	7517.84	-43.83	-13	-30.83	-66.32	-56.07	1.46	13.7	V
Middle	3758.92	-48.96	-13	-35.96	-61.73	-56.14	0.82	8.00	H
	5638.38	-25.21	-13	-12.21	-47.42	-35.20	1.01	11.00	H
	7517.84	-42.73	-13	-29.73	-64.90	-54.97	1.46	13.70	H
	3758.92	-49.65	-13	-36.65	-62.72	-56.83	0.82	8	V
	5638.38	-25.76	-13	-12.76	-47.95	-35.75	1.01	11	V
	7517.84	-44.52	-13	-31.52	-67.01	-56.76	1.46	13.7	V
Highest	3814.48	-50.15	-13	-37.15	-62.92	-57.33	0.82	8.00	H
	5721.72	-26.97	-13	-13.97	-48.98	-36.96	1.01	11.00	H
	7628.96	-32.37	-13	-19.37	-58.45	-44.61	1.46	13.70	H
	3814.48	-47.69	-13	-34.69	-60.76	-54.87	0.82	8	V
	5721.72	-23.97	-13	-10.97	-46.3	-33.96	1.01	11	V
	7628.96	-34.06	-13	-21.06	-59.28	-46.30	1.46	13.7	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	3700.68	-37.56	-13	-24.56	-51.69	-44.74	0.82	8.00	H
	5551.02	-26.59	-13	-13.59	-48.63	-36.58	1.01	11.00	H
	7401.36	-43.55	-13	-30.55	-65.72	-55.79	1.46	13.70	H
	3700.68	-43.22	-13	-30.22	-56.29	-50.40	0.82	8	V
	5551.02	-31.28	-13	-18.28	-52.43	-41.27	1.01	11	V
	7401.36	-44.04	-13	-31.04	-66.53	-56.28	1.46	13.7	V
Middle	3755.68	-50.32	-13	-37.32	-63.09	-57.50	0.82	8.00	H
	5633.52	-27.23	-13	-14.23	-49.19	-37.22	1.01	11.00	H
	7511.36	-44.41	-13	-31.41	-66.58	-56.65	1.46	13.70	H
	3755.68	-51.64	-13	-38.64	-64.71	-58.82	0.82	8	V
	5633.52	-26.23	-13	-13.23	-48.4	-36.22	1.01	11	V
	7511.36	-45.85	-13	-32.85	-68.34	-58.09	1.46	13.7	V
Highest	3808	-49.33	-13	-36.33	-62.10	-56.51	0.82	8.00	H
	5716	-28.67	-13	-15.67	-50.43	-38.66	1.01	11.00	H
	7620	-35.33	-13	-22.33	-60.27	-47.57	1.46	13.70	H
	3808	-47.86	-13	-34.86	-60.93	-55.04	0.82	8	V
	5716	-23.98	-13	-10.98	-46.31	-33.97	1.01	11	V
	7620	-42.08	-13	-29.08	-64.57	-54.32	1.46	13.7	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	3701.18	-38.05	-13	-25.05	-52.23	-45.23	0.82	8.00	H
	5551.77	-31.58	-13	-18.58	-52.82	-41.57	1.01	11.00	H
	7402.36	-42.59	-13	-29.59	-64.76	-54.83	1.46	13.70	H
	3701.18	-41.41	-13	-28.41	-54.57	-48.59	0.82	8	V
	5551.77	-29.68	-13	-16.68	-51.28	-39.67	1.01	11	V
	7402.36	-44.62	-13	-31.62	-67.11	-56.86	1.46	13.7	V
Middle	3751.18	-51.33	-13	-38.33	-64.10	-58.51	0.82	8.00	H
	5626.77	-30.33	-13	-17.33	-51.77	-40.32	1.01	11.00	H
	7502.36	-43.67	-13	-30.67	-65.84	-55.91	1.46	13.70	H
	3751.18	-47.61	-13	-34.61	-60.68	-54.79	0.82	8	V
	5626.77	-28.25	-13	-15.25	-50.09	-38.24	1.01	11	V
	7502.36	-45.86	-13	-32.86	-68.35	-58.10	1.46	13.7	V
Highest	3801.18	-48.38	-13	-35.38	-61.15	-55.56	0.82	8.00	H
	5701.77	-24.09	-13	-11.09	-46.14	-34.08	1.01	11.00	H
	7602.36	-41.68	-13	-28.68	-63.85	-53.92	1.46	13.70	H
	3801.18	-49.07	-13	-36.07	-62.14	-56.25	0.82	8	V
	5701.77	-24.63	-13	-11.63	-46.83	-34.62	1.01	11	V
	7602.36	-45.04	-13	-32.04	-67.53	-57.28	1.46	13.7	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	3701.68	-40.61	-13	-27.61	-54.09	-47.79	0.82	8.00	H
	5552.52	-29.15	-13	-16.15	-50.83	-39.14	1.01	11.00	H
	7403.36	-42.67	-13	-29.67	-64.84	-54.91	1.46	13.70	H
	3701.68	-43.05	-13	-30.05	-56.12	-50.23	0.82	8	V
	5552.52	-27.90	-13	-14.90	-49.82	-37.89	1.01	11	V
	7403.36	-43.56	-13	-30.56	-66.05	-55.80	1.46	13.7	V
Middle	3746.68	-49.34	-13	-36.34	-62.11	-56.52	0.82	8.00	H
	5620.02	-28.05	-13	-15.05	-49.87	-38.04	1.01	11.00	H
	7493.36	-44.84	-13	-31.84	-67.01	-57.08	1.46	13.70	H
	3746.68	-50.15	-13	-37.15	-63.22	-57.33	0.82	8	V
	5620.02	-24.73	-13	-11.73	-46.91	-34.72	1.01	11	V
	7493.36	-45.90	-13	-32.90	-68.39	-58.14	1.46	13.7	V
Highest	3791.68	-50.02	-13	-37.02	-62.79	-57.20	0.82	8.00	H
	5687.52	-22.32	-13	-9.32	-44.47	-32.31	1.01	11.00	H
	7583.36	-44.94	-13	-31.94	-67.11	-57.18	1.46	13.70	H
	3791.68	-50.29	-13	-37.29	-63.36	-57.47	0.82	8	V
	5687.52	-24.07	-13	-11.07	-46.39	-34.06	1.01	11	V
	7583.36	-45.94	-13	-32.94	-68.43	-58.18	1.46	13.7	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	3702.18	-39.34	-13	-26.34	-53.18	-46.52	0.82	8.00	H
	5553.27	-26.84	-13	-13.84	-48.86	-36.83	1.01	11.00	H
	7404.36	-42.11	-13	-29.11	-64.28	-54.35	1.46	13.70	H
	3702.18	-42.03	-13	-29.03	-55.1	-49.21	0.82	8	V
	5553.27	-25.53	-13	-12.53	-47.7	-35.52	1.01	11	V
	7404.36	-43.94	-13	-30.94	-66.43	-56.18	1.46	13.7	V
Middle	3742.18	-48.90	-13	-35.90	-61.67	-56.08	0.82	8.00	H
	5613.27	-27.96	-13	-14.96	-49.79	-37.95	1.01	11.00	H
	7484.36	-44.04	-13	-31.04	-66.21	-56.28	1.46	13.70	H
	3742.18	-49.40	-13	-36.40	-62.47	-56.58	0.82	8	V
	5613.27	-23.95	-13	-10.95	-46.28	-33.94	1.01	11	V
	7484.36	-46.15	-13	-33.15	-68.64	-58.39	1.46	13.7	V
Highest	3782.18	-50.20	-13	-37.20	-62.97	-57.38	0.82	8.00	H
	5673.27	-26.34	-13	-13.34	-48.40	-36.33	1.01	11.00	H
	7564.36	-44.95	-13	-31.95	-67.12	-57.19	1.46	13.70	H
	3782.18	-51.25	-13	-38.25	-64.32	-58.43	0.82	8	V
	5673.27	-26.85	-13	-13.85	-48.92	-36.84	1.01	11	V
	7564.36	-46.17	-13	-33.17	-68.66	-58.41	1.46	13.7	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	3420.32	-38.28	-13	-25.28	-51.08	-45.47	0.81	8.00	H
	5130.48	-46.13	-13	-33.13	-64.66	-55.18	0.95	10.00	H
	6844	-41.66	-13	-28.66	-63.00	-53.93	1.13	13.40	H
	3420.32	-36.92	-13	-23.92	-50.43	-48.71	0.81	12.6	V
	5130.48	-44.00	-13	-31.00	-62.63	-55.75	0.95	12.7	V
	6844	-40.02	-13	-27.02	-61.01	-50.59	1.13	11.7	V
Middle	3463.92	-45.23	-13	-32.23	-58.06	-52.42	0.81	8.00	H
	5195.88	-34.33	-13	-21.33	-53.77	-43.38	0.95	10.00	H
	6927.84	-36.43	-13	-23.43	-59.17	-48.70	1.13	13.40	H
	3463.92	-42.00	-13	-29.00	-55.34	-53.79	0.81	12.6	V
	5195.88	-30.58	-13	-17.58	-51.04	-42.33	0.95	12.7	V
	6927.84	-35.03	-13	-22.03	-58.77	-45.60	1.13	11.7	V
Highest	3507.52	-34.11	-13	-21.11	-47.47	-41.30	0.81	8.00	H
	5261.28	-39.62	-13	-26.62	-58.15	-48.67	0.95	10.00	H
	7015.04	-38.26	-13	-25.26	-60.11	-50.53	1.13	13.40	H
	3507.52	-31.88	-13	-18.88	-46.22	-43.67	0.81	12.6	V
	5261.28	-39.10	-13	-26.10	-57.73	-50.85	0.95	12.7	V
	7015.04	-37.96	-13	-24.96	-59.84	-48.53	1.13	11.7	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	3420.48	-35.77	-13	-22.77	-49.09	-42.96	0.81	8.00	H
	5130.72	-45.38	-13	-32.38	-63.91	-54.43	0.95	10.00	H
	6840.96	-36.18	-13	-23.18	-58.90	-48.45	1.13	13.40	H
	3420.48	-35.55	-13	-22.55	-49.43	-47.34	0.81	12.6	V
	5130.72	-44.68	-13	-31.68	-63.31	-56.43	0.95	12.7	V
	6840.96	-36.26	-13	-23.26	-59.38	-46.83	1.13	11.7	V
Middle	3462.48	-41.20	-13	-28.20	-54.03	-48.39	0.81	8.00	H
	5193.72	-38.71	-13	-25.71	-57.24	-47.76	0.95	10.00	H
	6924.96	-40.48	-13	-27.48	-61.82	-52.75	1.13	13.40	H
	3462.48	-40.97	-13	-27.97	-54.31	-52.76	0.81	12.6	V
	5193.72	-36.65	-13	-23.65	-56.07	-48.40	0.95	12.7	V
	6924.96	-40.93	-13	-27.93	-61.92	-51.50	1.13	11.7	V
Highest	3504.48	-33.11	-13	-20.11	-46.69	-40.30	0.81	8.00	H
	5256.72	-40.07	-13	-27.07	-58.60	-49.12	0.95	10.00	H
	7008.96	-41.51	-13	-28.51	-62.85	-53.78	1.13	13.40	H
	3504.48	-34.35	-13	-21.35	-48.38	-46.14	0.81	12.6	V
	5256.72	-38.58	-13	-25.58	-57.21	-50.33	0.95	12.7	V
	7008.96	-41.15	-13	-28.15	-62.14	-51.72	1.13	11.7	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	3420.68	-34.16	-13	-21.16	-47.52	-41.35	0.81	8.00	H
	5131.02	-41.20	-13	-28.20	-59.73	-50.25	0.95	10.00	H
	6841.36	-41.30	-13	-28.30	-62.64	-53.57	1.13	13.40	H
	3420.68	-31.75	-13	-18.75	-46.11	-43.54	0.81	12.6	V
	5131.02	-38.85	-13	-25.85	-57.48	-50.60	0.95	12.7	V
	6841.36	-41.89	-13	-28.89	-62.88	-52.46	1.13	11.7	V
Middle	3460.68	-36.46	-13	-23.46	-49.68	-43.65	0.81	8.00	H
	5191.02	-43.43	-13	-30.43	-61.96	-52.48	0.95	10.00	H
	6921.36	-43.33	-13	-30.33	-64.67	-55.60	1.13	13.40	H
	3460.68	-34.48	-13	-21.48	-48.51	-46.27	0.81	12.6	V
	5191.02	-42.25	-13	-29.25	-60.88	-54.00	0.95	12.7	V
	6921.36	-42.97	-13	-29.97	-63.96	-53.54	1.13	11.7	V
Highest	3500.68	-34.24	-13	-21.24	-47.60	-41.43	0.81	8.00	H
	5252	-41.92	-13	-28.92	-60.45	-50.97	0.95	10.00	H
	7001.36	-40.51	-13	-27.51	-61.85	-52.78	1.13	13.40	H
	3500.68	-33.84	-13	-20.84	-47.92	-45.63	0.81	12.6	V
	5252	-43.47	-13	-30.47	-62.1	-55.22	0.95	12.7	V
	7001.36	-41.69	-13	-28.69	-62.68	-52.26	1.13	11.7	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	3421.18	-36.12	-13	-23.12	-49.40	-43.31	0.81	8.00	H
	5131.77	-40.53	-13	-27.53	-59.06	-49.58	0.95	10.00	H
	6842.36	-31.21	-13	-18.21	-56.21	-43.48	1.13	13.40	H
	3421.18	-34.16	-13	-21.16	-48.2	-45.95	0.81	12.6	V
	5131.77	-38.78	-13	-25.78	-57.41	-50.53	0.95	12.7	V
	6842.36	-27.96	-13	-14.96	-54.33	-38.53	1.13	11.7	V
Middle	3456.18	-40.43	-13	-27.43	-53.26	-47.62	0.81	8.00	H
	5184.27	-33.91	-13	-20.91	-53.41	-42.96	0.95	10.00	H
	6912.36	-38.60	-13	-25.60	-60.41	-50.87	1.13	13.40	H
	3456.18	-37.05	-13	-24.05	-50.53	-48.84	0.81	12.6	V
	5184.27	-31.34	-13	-18.34	-51.69	-43.09	0.95	12.7	V
	6912.36	-34.89	-13	-21.89	-58.67	-45.46	1.13	11.7	V
Highest	3491.18	-40.41	-13	-27.41	-53.24	-47.60	0.81	8.00	H
	5236.77	-38.16	-13	-25.16	-56.69	-47.21	0.95	10.00	H
	6982.36	-32.22	-13	-19.22	-56.63	-44.49	1.13	13.40	H
	3491.18	-38.93	-13	-25.93	-52.41	-50.72	0.81	12.6	V
	5236.77	-35.83	-13	-22.83	-55.44	-47.58	0.95	12.7	V
	6982.36	-31.74	-13	-18.74	-56.8	-42.31	1.13	11.7	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	3421.68	-34.60	-13	-21.60	-47.96	-41.79	0.81	8.00	H
	5132.52	-41.27	-13	-28.27	-59.80	-50.32	0.95	10.00	H
	6843.36	-40.07	-13	-27.07	-61.41	-52.34	1.13	13.40	H
	3421.68	-32.24	-13	-19.24	-46.54	-44.03	0.81	12.6	V
	5132.52	-37.87	-13	-24.87	-56.59	-49.62	0.95	12.7	V
	6843.36	-41.61	-13	-28.61	-62.6	-52.18	1.13	11.7	V
Middle	3451.68	-32.52	-13	-19.52	-46.14	-39.71	0.81	8.00	H
	5177.52	-39.12	-13	-26.12	-57.65	-48.17	0.95	10.00	H
	6903.36	-41.66	-13	-28.66	-63.00	-53.93	1.13	13.40	H
	3451.68	-33.19	-13	-20.19	-47.39	-44.98	0.81	12.6	V
	5177.52	-38.94	-13	-25.94	-57.57	-50.69	0.95	12.7	V
	6903.36	-41.44	-13	-28.44	-62.43	-52.01	1.13	11.7	V
Highest	3481.68	-44.09	-13	-31.09	-56.92	-51.28	0.81	8.00	H
	5222.52	-41.74	-13	-28.74	-60.27	-50.79	0.95	10.00	H
	6963.36	-40.87	-13	-27.87	-62.21	-53.14	1.13	13.40	H
	3481.68	-42.89	-13	-29.89	-56.23	-54.68	0.81	12.6	V
	5222.52	-42.44	-13	-29.44	-61.07	-54.19	0.95	12.7	V
	6963.36	-41.64	-13	-28.64	-62.63	-52.21	1.13	11.7	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	3422.18	-35.17	-13	-22.17	-48.52	-42.36	0.81	8.00	H
	5133.27	-43.50	-13	-30.50	-62.03	-52.55	0.95	10.00	H
	6844.36	-38.23	-13	-25.23	-60.08	-50.50	1.13	13.40	H
	3422.18	-32.24	-13	-19.24	-46.54	-44.03	0.81	12.6	V
	5133.27	-39.65	-13	-26.65	-58.28	-51.40	0.95	12.7	V
	6844.36	-41.04	-13	-28.04	-62.03	-51.61	1.13	11.7	V
Middle	3447.18	-31.89	-13	-18.89	-45.53	-39.08	0.81	8.00	H
	5170.77	-39.70	-13	-26.70	-58.23	-48.75	0.95	10.00	H
	6894.36	-42.35	-13	-29.35	-63.69	-54.62	1.13	13.40	H
	3447.18	-32.24	-13	-19.24	-46.54	-44.03	0.81	12.6	V
	5170.77	-38.51	-13	-25.51	-57.14	-50.26	0.95	12.7	V
	6894.36	-42.41	-13	-29.41	-63.4	-52.98	1.13	11.7	V
Highest	3472.18	-42.32	-13	-29.32	-55.15	-49.51	0.81	8.00	H
	5208.27	-42.62	-13	-29.62	-61.15	-51.67	0.95	10.00	H
	6944.36	-42.05	-13	-29.05	-63.39	-54.32	1.13	13.40	H
	3472.18	-40.48	-13	-27.48	-53.82	-52.27	0.81	12.6	V
	5208.27	-41.31	-13	-28.31	-59.94	-53.06	0.95	12.7	V
	6944.36	-42.52	-13	-29.52	-63.51	-53.09	1.13	11.7	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	5000.68	-40.96	-25	-15.96	-55.86	-52.71	0.95	12.70	H
	7501.02	-31.25	-25	-6.25	-52.99	-41.77	1.18	11.70	H
	10001.36	-32.40	-25	-7.40	-57.85	-43.05	1.45	12.10	H
	5000.68	-32.94	-25	-7.94	-51.3	-44.69	0.95	12.70	V
	7501.02	-33.67	-25	-8.67	-54.72	-43.91	1.46	11.70	V
	10001.36	-33.89	-25	-8.89	-58.49	-44.68	1.31	12.10	V
Middle	5065.68	-38.91	-25	-13.91	-54.52	-50.66	0.95	12.70	H
	7598.52	-34.65	-25	-9.65	-55.74	-45.17	1.18	11.70	H
	10131.36	-31.79	-25	-6.79	-57.34	-42.44	1.45	12.10	H
	5065.68	-39.55	-25	-14.55	-56.17	-51.30	0.95	12.70	V
	7598.52	-32.32	-25	-7.32	-53.69	-42.56	1.46	11.70	V
	10131.36	-31.50	-25	-6.50	-56.55	-42.29	1.31	12.10	V
Highest	5130.68	-46.95	-25	-21.95	-61.83	-58.70	0.95	12.70	H
	7696.02	-32.67	-25	-7.67	-54.22	-43.19	1.18	11.70	H
	10261.36	-31.42	-25	-6.42	-57.13	-42.07	1.45	12.10	H
	5130.68	-45.53	-25	-20.53	-60.66	-57.28	0.95	12.70	V
	7696.02	-34.93	-25	-9.93	-55.7	-45.17	1.46	11.70	V
	10261.36	-30.15	-25	-5.15	-55.7	-40.94	1.31	12.10	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	5001.18	-31.91	-25	-6.91	-49.59	-43.66	0.95	12.70	H
	7501.77	-34.64	-25	-9.64	-55.73	-45.16	1.18	11.70	H
	10002.36	-32.80	-25	-7.80	-58.23	-43.45	1.45	12.10	H
	5001.18	-32.96	-25	-7.96	-51.31	-44.71	0.95	12.70	V
	7501.77	-32.89	-25	-7.89	-54.14	-43.13	1.46	11.70	V
	10002.36	-31.07	-25	-6.07	-56.24	-41.86	1.31	12.10	V
Middle	5061.18	-39.23	-25	-14.23	-54.76	-50.98	0.95	12.70	H
	7591.77	-34.61	-25	-9.61	-55.70	-45.13	1.18	11.70	H
	10122.36	-30.88	-25	-5.88	-56.82	-41.53	1.45	12.10	H
	5061.18	-39.81	-25	-14.81	-56.37	-51.56	0.95	12.70	V
	7591.77	-31.83	-25	-6.83	-53.34	-42.07	1.46	11.70	V
	10122.36	-29.94	-25	-4.94	-55.57	-40.73	1.31	12.10	V
Highest	5121.18	-41.06	-25	-16.06	-55.94	-52.81	0.95	12.70	H
	7681.77	-32.19	-25	-7.19	-53.81	-42.71	1.18	11.70	H
	10242.36	-27.12	-25	-2.12	-54.07	-37.77	1.45	12.10	H
	5121.18	-40.80	-25	-15.80	-57.14	-52.55	0.95	12.70	V
	7681.77	-36.53	-25	-11.53	-57.28	-46.77	1.46	11.70	V
	10242.36	-29.41	-25	-4.41	-55.16	-40.20	1.31	12.10	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	5001.68	-38.06	-25	-13.06	-54.02	-49.81	0.95	12.70	H
	7502.52	-33.66	-25	-8.66	-54.89	-44.18	1.18	11.70	H
	10003.36	-31.59	-25	-6.59	-57.23	-42.24	1.45	12.10	H
	5001.68	-34.61	-25	-9.61	-52.46	-46.36	0.95	12.70	V
	7502.52	-35.19	-25	-10.19	-55.94	-45.43	1.46	11.70	V
	10003.36	-33.67	-25	-8.67	-58.3	-44.46	1.31	12.10	V
Middle	5056.68	-42.23	-25	-17.23	-57.11	-53.98	0.95	12.70	H
	7585.02	-29.97	-25	-4.97	-52.00	-40.49	1.18	11.70	H
	10113.00	-28.78	-25	-3.78	-55.38	-39.43	1.45	12.10	H
	5056.68	-43.15	-25	-18.15	-58.28	-54.90	0.95	12.70	V
	7585.02	-32.54	-25	-7.54	-53.86	-42.78	1.46	11.70	V
	10113	-31.32	-25	-6.32	-56.42	-42.11	1.31	12.10	V
Highest	5111.68	-45.86	-25	-20.86	-60.74	-57.61	0.95	12.70	H
	7667.52	-30.44	-25	-5.44	-52.35	-40.96	1.18	11.70	H
	10223.36	-32.64	-25	-7.64	-58.08	-43.29	1.45	12.10	H
	5111.68	-40.33	-25	-15.33	-56.77	-52.08	0.95	12.70	V
	7667.52	-30.86	-25	-5.86	-52.74	-41.10	1.46	11.70	V
	10223.36	-32.76	-25	-7.76	-57.52	-43.55	1.31	12.10	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	5002.18	-39.68	-25	-14.68	-55.12	-51.43	0.95	12.70	H
	7503.27	-32.08	-25	-7.08	-53.71	-42.60	1.18	11.70	H
	10004.36	-31.01	-25	-6.01	-56.90	-41.66	1.45	12.10	H
	5002.18	-35.65	-25	-10.65	-53.45	-47.40	0.95	12.70	V
	7503.27	-35.02	-25	-10.02	-55.77	-45.26	1.46	11.70	V
	10004.36	-33.57	-25	-8.57	-58.21	-44.36	1.31	12.10	V
Middle	5052.18	-42.08	-25	-17.08	-56.96	-53.83	0.95	12.70	H
	7578.27	-30.30	-25	-5.30	-52.25	-40.82	1.18	11.70	H
	10104.36	-29.84	-25	-4.84	-56.17	-40.49	1.45	12.10	H
	5052.18	-40.69	-25	-15.69	-57.05	-52.44	0.95	12.70	V
	7578.27	-33.01	-25	-8.01	-54.23	-43.25	1.46	11.70	V
	10104.36	-29.67	-25	-4.67	-55.36	-40.46	1.31	12.10	V
Highest	5102.18	-43.28	-25	-18.28	-58.16	-55.03	0.95	12.70	H
	7653.27	-27.43	-25	-2.43	-49.85	-37.95	1.18	11.70	H
	10204.36	-36.53	-25	-11.53	-61.71	-47.18	1.45	12.10	H
	5102.18	-39.61	-25	-14.61	-56.22	-51.36	0.95	12.70	V
	7653.27	-32.26	-25	-7.26	-53.64	-42.50	1.46	11.70	V
	10204.36	-39.75	-25	-14.75	-62.61	-50.54	1.31	12.10	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	1398.14	-46.91	-13	-33.91	-50.99	-50.73	0.53	6.50	H
	2097.21	-58.74	-13	-45.74	-64.16	-61.61	0.68	5.70	H
	2796.28	-50.60	-13	-37.60	-60.62	-55.64	0.81	8.00	H
	1398.14	-50.34	-13	-37.34	-54.59	-54.16	0.53	6.50	V
	2097.21	-60.32	-13	-47.32	-64.64	-63.19	0.68	5.70	V
	2796.28	-48.40	-13	-35.40	-58.14	-53.44	0.81	8.00	V
Middle	1413.74	-46.46	-13	-33.46	-50.59	-50.28	0.53	6.50	H
	2120.61	-58.44	-13	-45.44	-63.86	-61.31	0.68	5.70	H
	2827.48	-52.37	-13	-39.37	-62.39	-57.41	0.81	8.00	H
	1413.74	-50.95	-13	-37.95	-55.21	-54.77	0.53	6.50	V
	2120.61	-59.52	-13	-46.52	-63.84	-62.39	0.68	5.70	V
	2827.48	-51.41	-13	-38.41	-60.42	-56.45	0.81	8.00	V
Highest	1429.34	-45.88	-13	-32.88	-50.07	-49.70	0.53	6.50	H
	2144.01	-58.22	-13	-45.22	-63.64	-61.09	0.68	5.70	H
	2858.68	-52.19	-13	-39.19	-62.21	-57.23	0.81	8.00	H
	1429.34	-46.37	-13	-33.37	-51.63	-50.19	0.53	6.50	V
	2144.01	-59.35	-13	-46.35	-63.67	-62.22	0.68	5.70	V
	2858.68	-50.06	-13	-37.06	-59.07	-55.10	0.81	8.00	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	1398.3	-45.81	-13	-32.81	-50.01	-49.63	0.53	6.50	H
	2097.45	-57.72	-13	-44.72	-63.14	-60.59	0.68	5.70	H
	2796.6	-50.77	-13	-37.77	-60.79	-55.81	0.81	8.00	H
	1398.3	-51.48	-13	-38.48	-55.42	-55.30	0.53	6.50	V
	2097.45	-60.21	-13	-47.21	-64.53	-63.08	0.68	5.70	V
	2796.6	-49.71	-13	-36.71	-58.92	-54.75	0.81	8.00	V
Middle	1412.3	-48.91	-13	-35.91	-52.62	-52.73	0.53	6.50	H
	2118.45	-59.32	-13	-46.32	-64.74	-62.19	0.68	5.70	H
	2824.6	-51.87	-13	-38.87	-61.89	-56.91	0.81	8.00	H
	1412.3	-50.93	-13	-37.93	-55.19	-54.75	0.53	6.50	V
	2118.45	-59.85	-13	-46.85	-64.17	-62.72	0.68	5.70	V
	2824.6	-51.39	-13	-38.39	-60.40	-56.43	0.81	8.00	V
Highest	1426.3	-47.56	-13	-34.56	-51.44	-51.38	0.53	6.50	H
	2139.45	-59.04	-13	-46.04	-64.46	-61.91	0.68	5.70	H
	2852.6	-52.25	-13	-39.25	-62.27	-57.29	0.81	8.00	H
	1426.3	-53.25	-13	-40.25	-56.60	-57.07	0.53	6.50	V
	2139.45	-60.45	-13	-47.45	-64.77	-63.32	0.68	5.70	V
	2852.6	-49.91	-13	-36.91	-58.92	-54.95	0.81	8.00	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	1398.5	-50.79	-13	-37.79	-53.94	-54.61	0.53	6.50	H
	2097.75	-57.08	-13	-44.08	-62.50	-59.95	0.68	5.70	H
	2797	-49.59	-13	-36.59	-59.61	-54.63	0.81	8.00	H
	1398.5	-53.24	-13	-40.24	-56.59	-57.06	0.53	6.50	V
	2097.75	-59.85	-13	-46.85	-64.17	-62.72	0.68	5.70	V
	2797	-50.80	-13	-37.80	-59.81	-55.84	0.81	8.00	V
Middle	1410.5	-51.50	-13	-38.50	-54.59	-55.32	0.53	6.50	H
	2115.75	-58.71	-13	-45.71	-64.13	-61.58	0.68	5.70	H
	2821	-54.14	-13	-41.14	-64.16	-59.18	0.81	8.00	H
	1410.5	-55.88	-13	-42.88	-58.79	-59.70	0.53	6.50	V
	2115.75	-60.63	-13	-47.63	-64.95	-63.50	0.68	5.70	V
	2821	-52.31	-13	-39.31	-61.32	-57.35	0.81	8.00	V
Highest	1422.5	-47.18	-13	-34.18	-51.19	-51.00	0.53	6.50	H
	2133.75	-57.41	-13	-44.41	-62.83	-60.28	0.68	5.70	H
	2845	-51.71	-13	-38.71	-61.73	-56.75	0.81	8.00	H
	1422.5	-51.24	-13	-38.24	-55.34	-55.06	0.53	6.50	V
	2133.75	-59.56	-13	-46.56	-63.88	-62.43	0.68	5.70	V
	2845	-49.87	-13	-36.87	-58.97	-54.91	0.81	8.00	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	1399	-46.80	-13	-33.80	-50.90	-50.62	0.53	6.50	H
	2098.5	-56.68	-13	-43.68	-62.10	-59.55	0.68	5.70	H
	2798	-49.75	-13	-36.75	-59.77	-54.79	0.81	8.00	H
	1399	-53.10	-13	-40.10	-56.46	-56.92	0.53	6.50	V
	2098.5	-59.56	-13	-46.56	-63.88	-62.43	0.68	5.70	V
	2798	-46.45	-13	-33.45	-57.00	-51.49	0.81	8.00	V
Middle	1406	-52.86	-13	-39.86	-55.58	-56.68	0.53	6.50	H
	2109	-58.04	-13	-45.04	-63.46	-60.91	0.68	5.70	H
	2812	-52.92	-13	-39.92	-62.94	-57.96	0.81	8.00	H
	1406	-55.04	-13	-42.04	-57.95	-58.86	0.53	6.50	V
	2109	-58.73	-13	-45.73	-63.05	-61.60	0.68	5.70	V
	2812	-51.34	-13	-38.34	-60.35	-56.38	0.81	8.00	V
Highest	1413	-48.35	-13	-35.35	-52.07	-52.17	0.53	6.50	H
	2119.5	-58.89	-13	-45.89	-64.31	-61.76	0.68	5.70	H
	2826	-51.46	-13	-38.46	-61.48	-56.50	0.81	8.00	H
	1413	-49.48	-13	-36.48	-53.91	-53.30	0.53	6.50	V
	2119.5	-59.08	-13	-46.08	-63.40	-61.95	0.68	5.70	V
	2826	-49.75	-13	-36.75	-58.76	-54.79	0.81	8.00	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	1408.68	-51.16	-13	-38.16	-54.27	-54.98	0.53	6.50	H
	2113.02	-58.36	-13	-45.36	-63.78	-61.23	0.68	5.70	H
	2817.36	-49.72	-13	-36.72	-59.74	-54.76	0.81	8.00	H
	1408.68	-55.31	-13	-42.31	-58.22	-59.13	0.53	6.50	V
	2113.02	-56.66	-13	-43.66	-60.98	-59.53	0.68	5.70	V
	2817.36	-53.87	-13	-40.87	-62.88	-58.91	0.81	8.00	V
Middle	1415.68	-44.65	-13	-31.65	-48.85	-48.47	0.53	6.50	H
	2123.52	-57.03	-13	-44.03	-62.45	-59.90	0.68	5.70	H
	2831.36	-47.56	-13	-34.56	-57.65	-52.60	0.81	8.00	H
	1415.68	-48.58	-13	-35.58	-53.23	-52.40	0.53	6.50	V
	2123.52	-54.77	-13	-41.77	-59.09	-57.64	0.68	5.70	V
	2831.36	-51.30	-13	-38.30	-60.31	-56.34	0.81	8.00	V
Highest	1422.68	-46.87	-13	-33.87	-50.96	-50.69	0.53	6.50	H
	2134.02	-55.83	-13	-42.83	-61.25	-58.70	0.68	5.70	H
	2845.36	-45.79	-13	-32.79	-56.04	-50.83	0.81	8.00	H
	1422.68	-44.57	-13	-31.57	-50.24	-48.39	0.53	6.50	V
	2134.02	-57.58	-13	-44.58	-61.90	-60.45	0.68	5.70	V
	2845.36	-52.06	-13	-39.06	-61.07	-57.10	0.81	8.00	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	1409.18	-53.97	-13	-40.97	-56.53	-57.79	0.53	6.50	H
	2113.77	-58.26	-13	-45.26	-63.68	-61.13	0.68	5.70	H
	2818.36	-50.55	-13	-37.55	-60.57	-55.59	0.81	8.00	H
	1409.18	-57.41	-13	-44.41	-60.32	-61.23	0.53	6.50	V
	2113.77	-56.74	-13	-43.74	-61.06	-59.61	0.68	5.70	V
	2818.36	-53.93	-13	-40.93	-62.94	-58.97	0.81	8.00	V
Middle	1411.18	-51.99	-13	-38.99	-55.06	-55.81	0.53	6.50	H
	2116.77	-57.83	-13	-44.83	-63.25	-60.70	0.68	5.70	H
	2822.36	-51.08	-13	-38.08	-61.10	-56.12	0.81	8.00	H
	1411.18	-56.42	-13	-43.42	-59.33	-60.24	0.53	6.50	V
	2116.77	-57.11	-13	-44.11	-61.43	-59.98	0.68	5.70	V
	2822.36	-55.37	-13	-42.37	-64.38	-60.41	0.81	8.00	V
Highest	1413.18	-50.19	-13	-37.19	-53.43	-54.01	0.53	6.50	H
	2119.77	-56.95	-13	-43.95	-62.37	-59.82	0.68	5.70	H
	2826.36	-49.25	-13	-36.25	-59.27	-54.29	0.81	8.00	H
	1413.18	-55.49	-13	-42.49	-58.40	-59.31	0.53	6.50	V
	2119.77	-55.92	-13	-42.92	-60.24	-58.79	0.68	5.70	V
	2826.36	-53.58	-13	-40.58	-62.59	-58.62	0.81	8.00	V

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