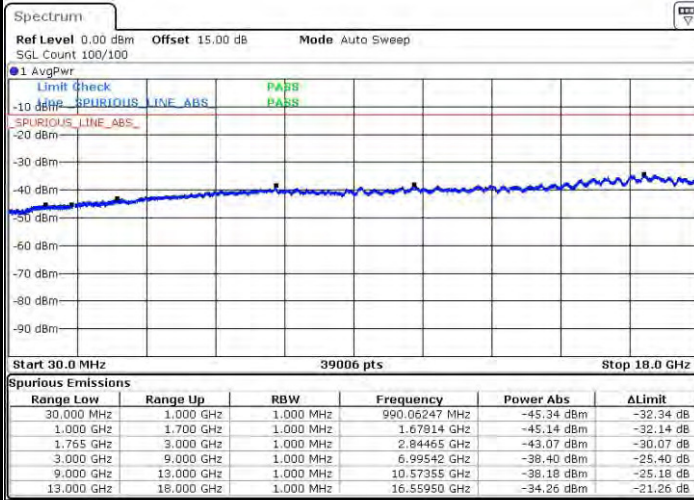




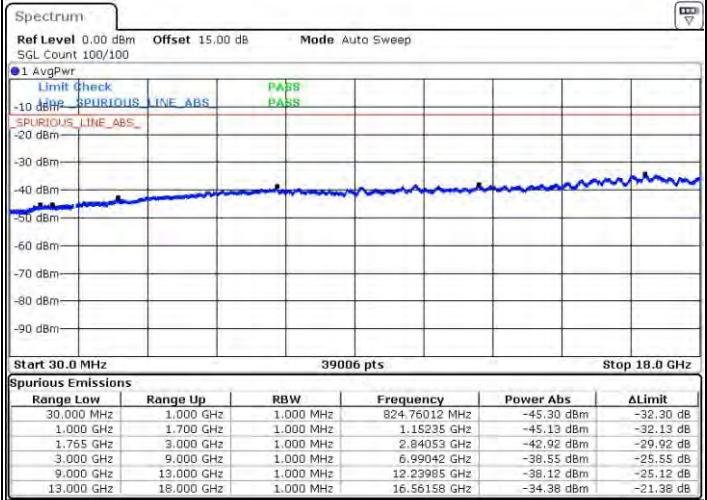
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



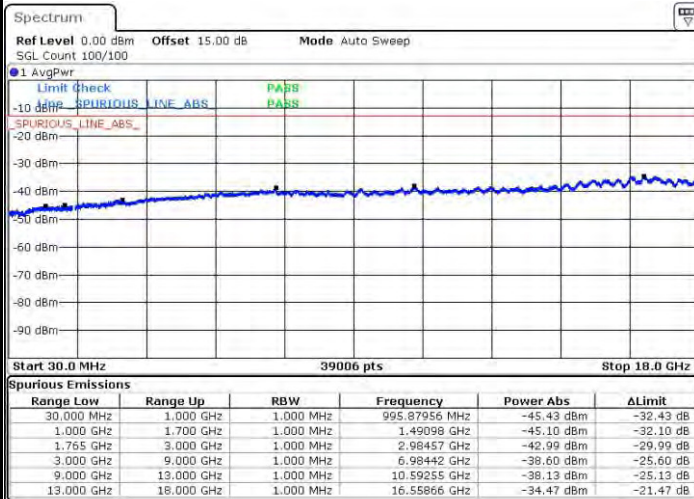
Date: 10.NOV.2015 13:41:08

Lowest Channel / 16QAM



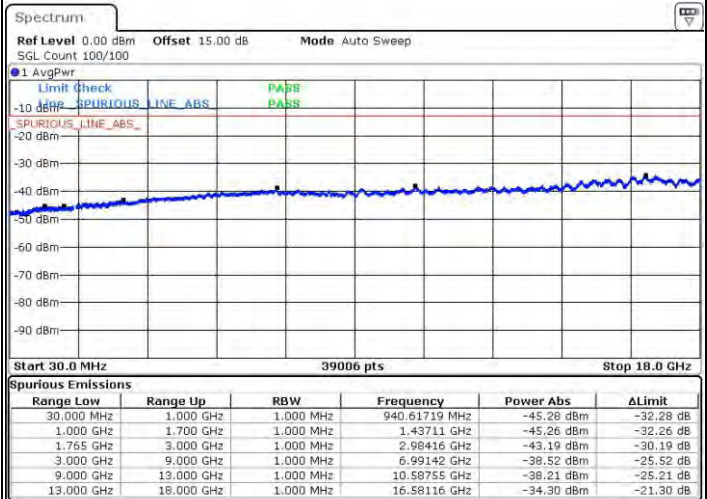
Date: 10.NOV.2015 13:42:05

Middle Channel / QPSK



Date: 10.NOV.2015 13:43:44

Middle Channel / 16QAM

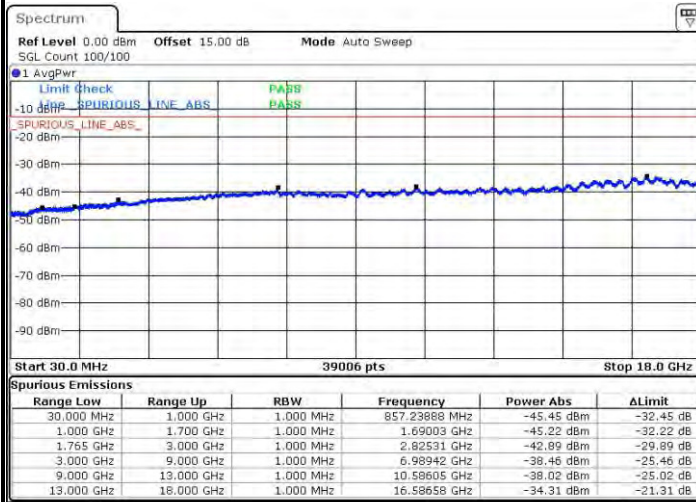


Date: 10.NOV.2015 13:44:43



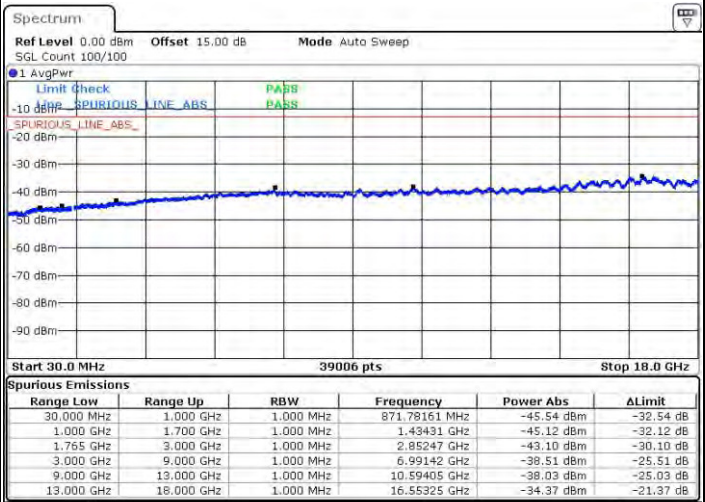
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 10.NOV.2015 13:51:00

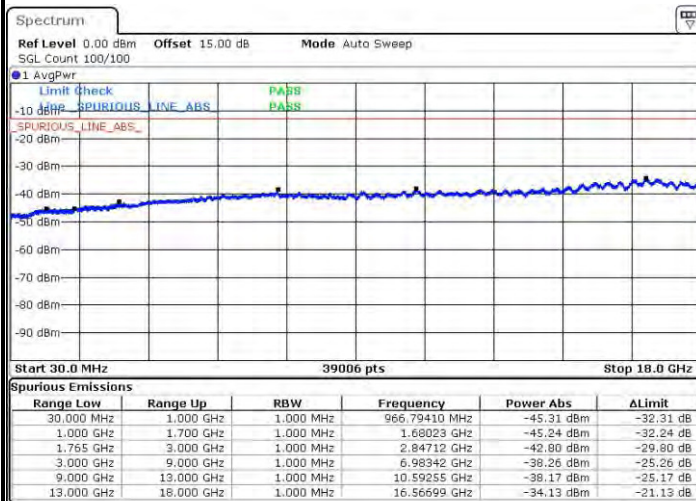
Highest Channel / 16QAM



Date: 10.NOV.2015 13:51:06

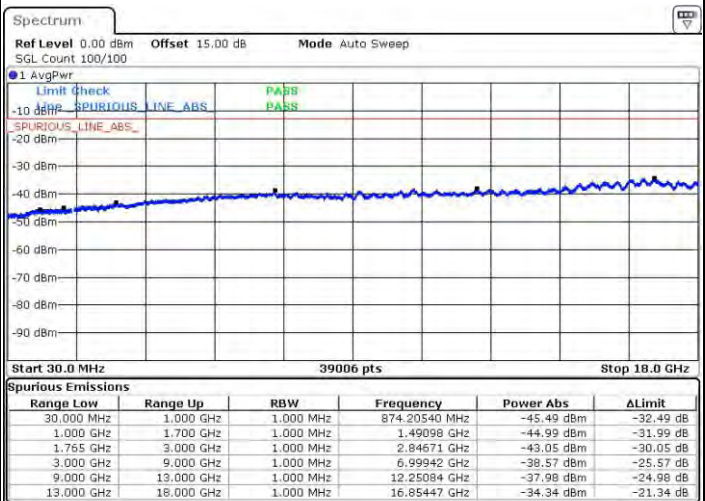
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 13:59:15

Lowest Channel / 16QAM

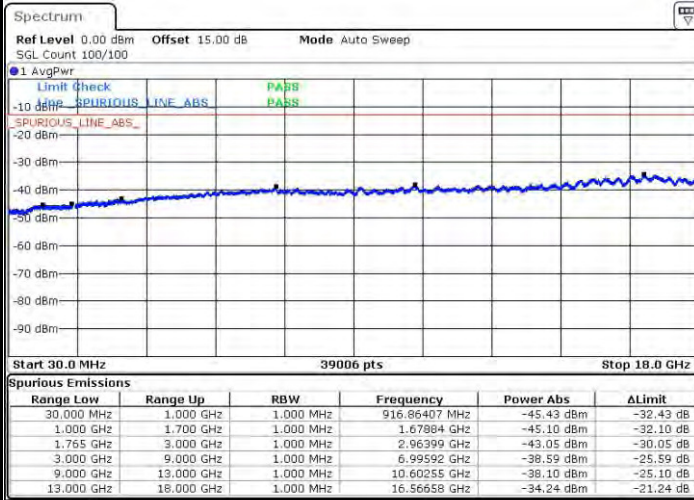


Date: 10.NOV.2015 13:59:11



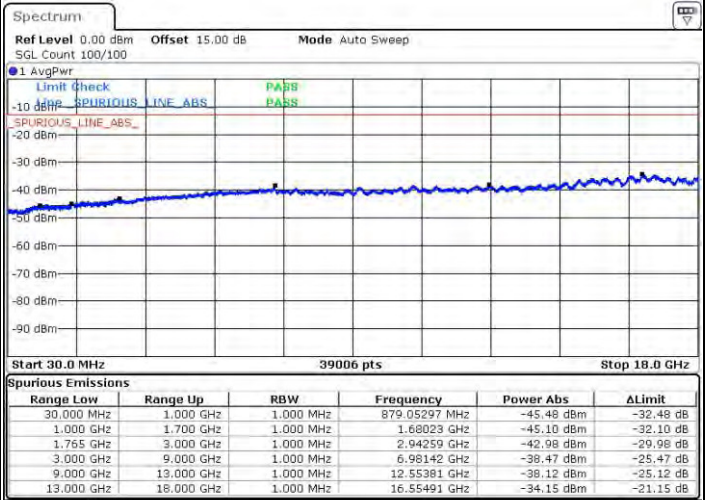
LTE Band 4 / 3MHz

Middle Channel / QPSK



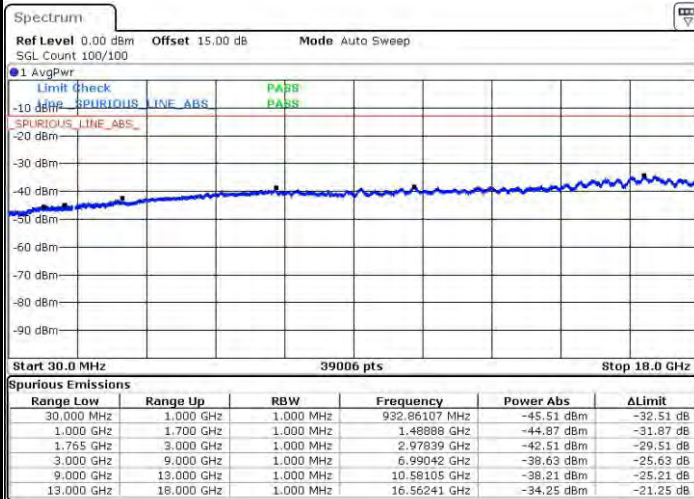
Date: 10.NOV.2015 14:00:50

Middle Channel / 16QAM



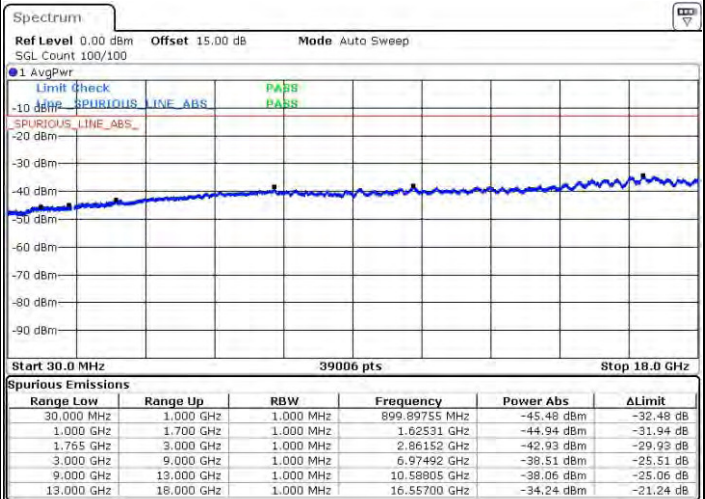
Date: 10.NOV.2015 14:01:46

Highest Channel / QPSK



Date: 10.NOV.2015 14:08:04

Highest Channel / 16QAM

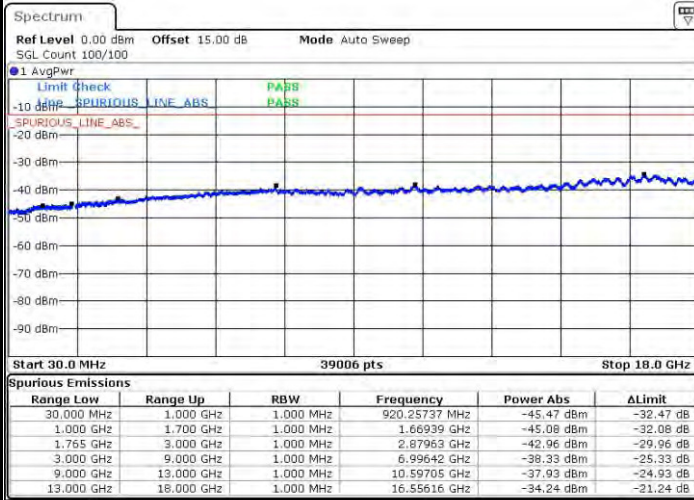


Date: 10.NOV.2015 14:09:00



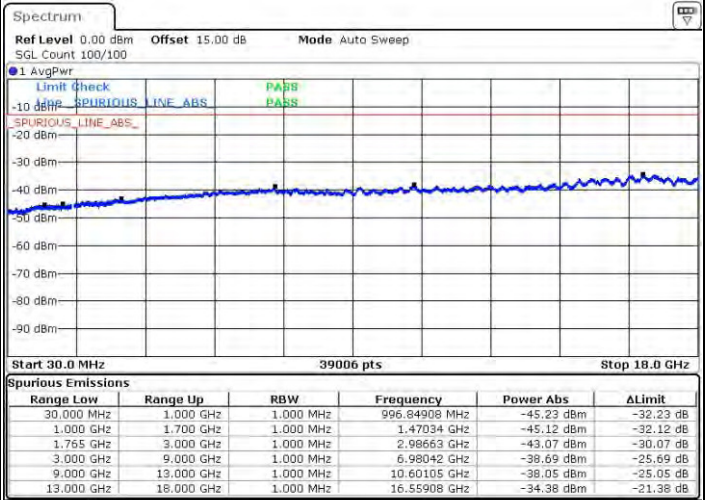
LTE Band 4 / 5MHz

Lowest Channel / QPSK



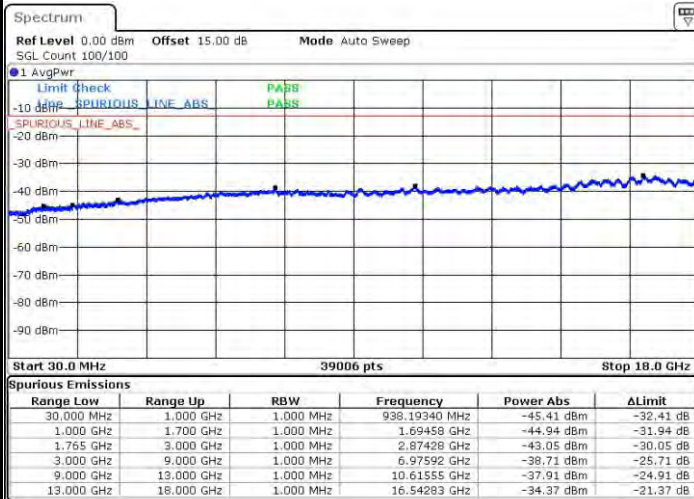
Date: 10.NOV.2015 14:15:17

Lowest Channel / 16QAM



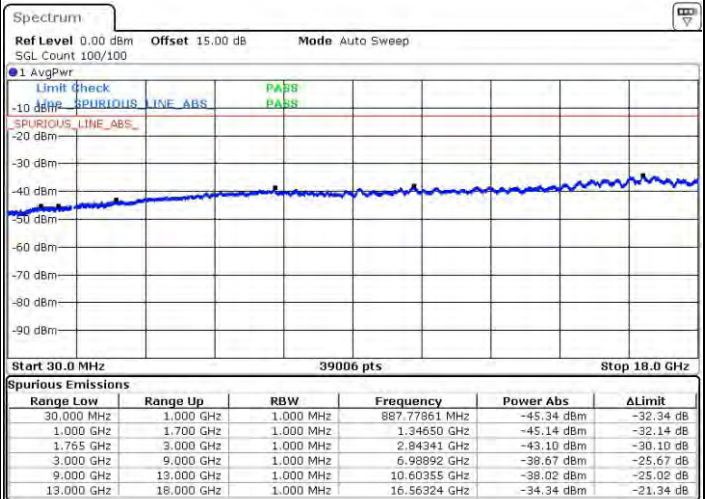
Date: 10.NOV.2015 14:16:13

Middle Channel / QPSK



Date: 10.NOV.2015 14:17:52

Middle Channel / 16QAM

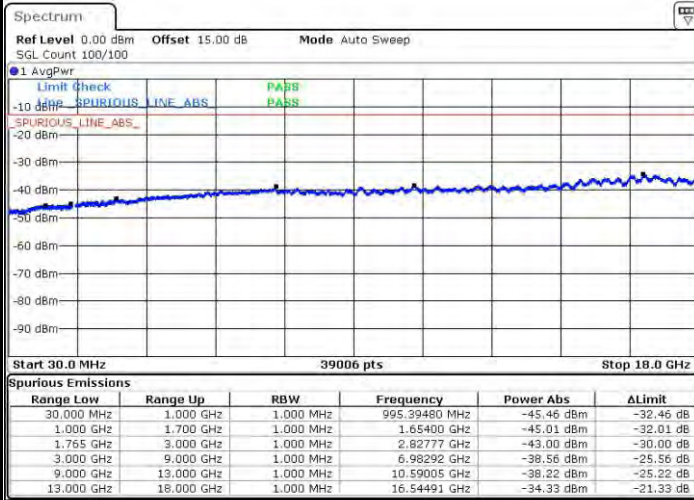


Date: 10.NOV.2015 14:18:48



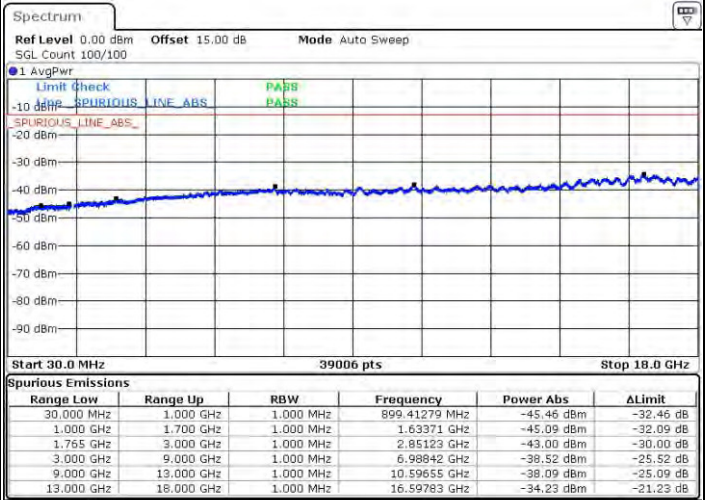
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 10.NOV.2015 14:25:06

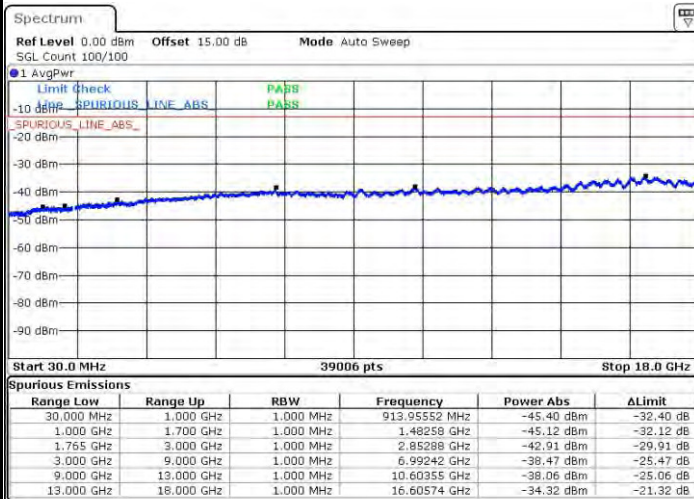
Highest Channel / 16QAM



Date: 10.NOV.2015 14:26:02

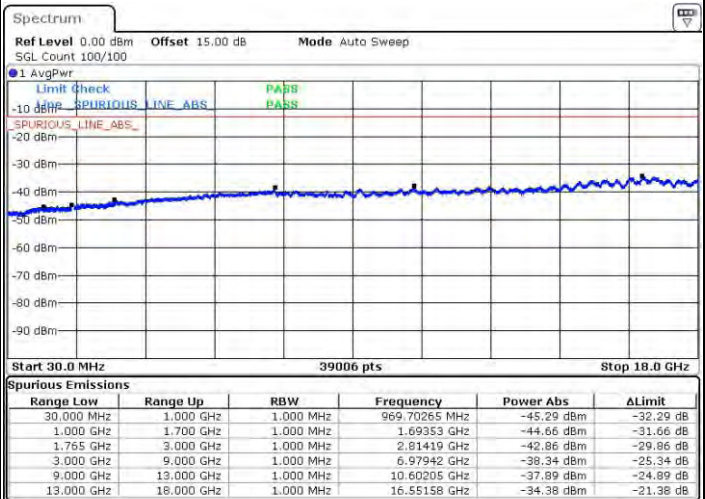
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 14:32:10

Lowest Channel / 16QAM

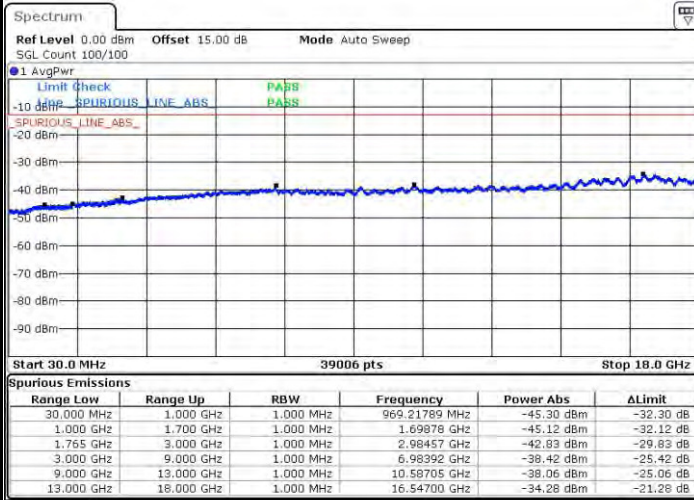


Date: 10.NOV.2015 14:33:15



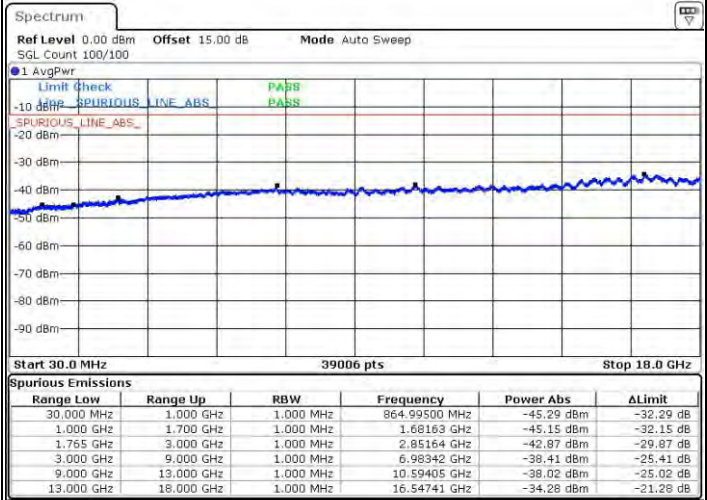
LTE Band 4 / 10MHz

Middle Channel / QPSK



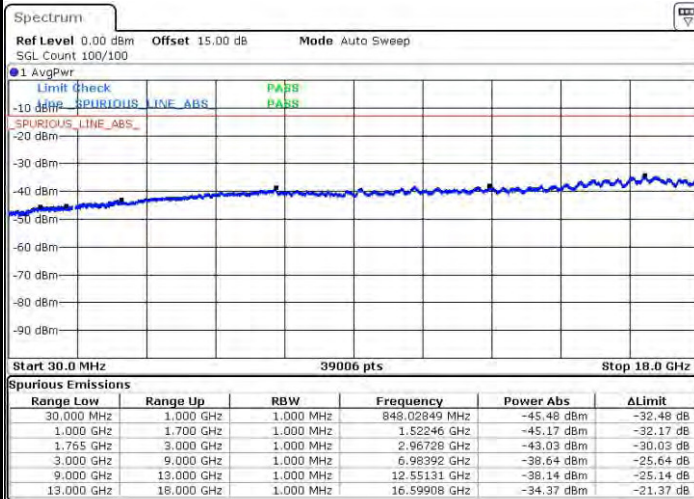
Date: 10.NOV.2015 14:34:53

Middle Channel / 16QAM



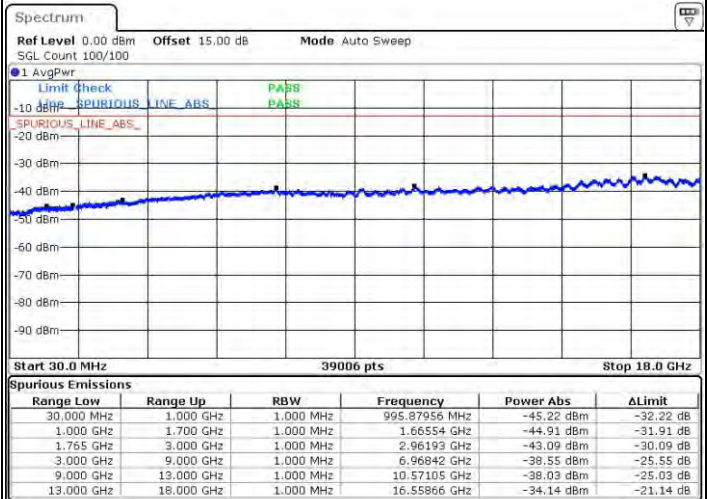
Date: 10.NOV.2015 14:35:30

Highest Channel / QPSK



Date: 10.NOV.2015 14:42:07

Highest Channel / 16QAM

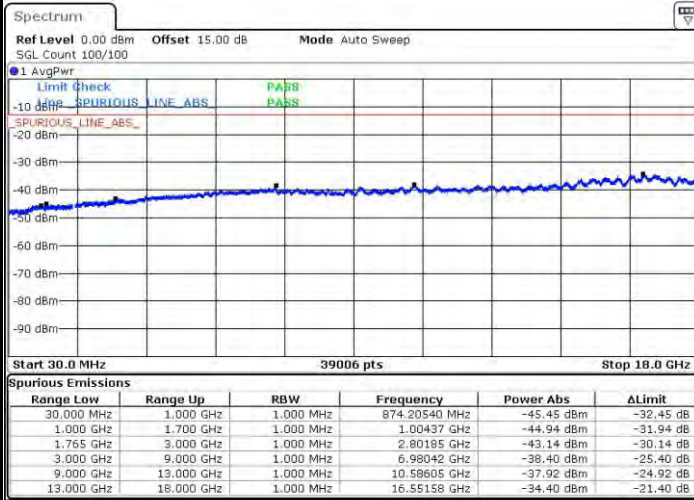


Date: 10.NOV.2015 14:43:03



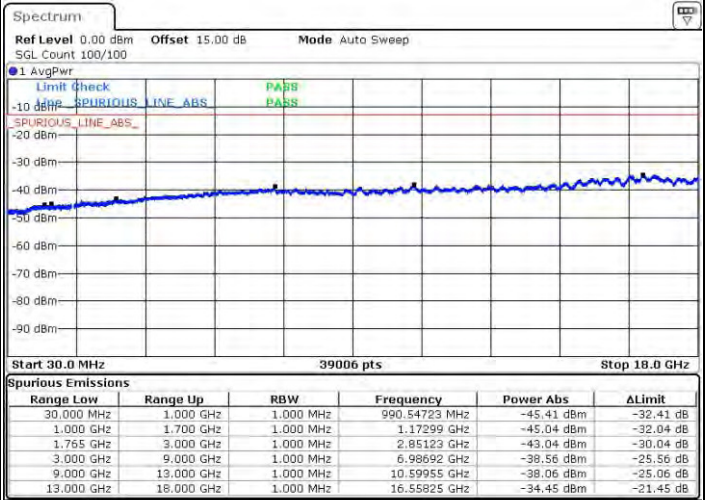
LTE Band 4 / 15MHz

Lowest Channel / QPSK



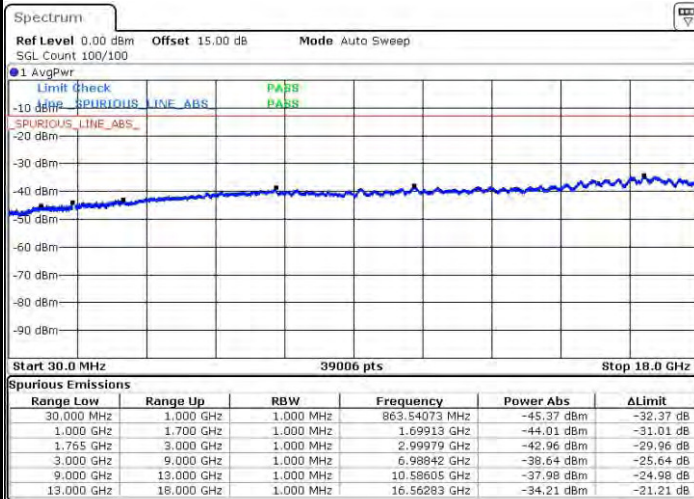
Date: 10.NOV.2015 14:49:21

Lowest Channel / 16QAM



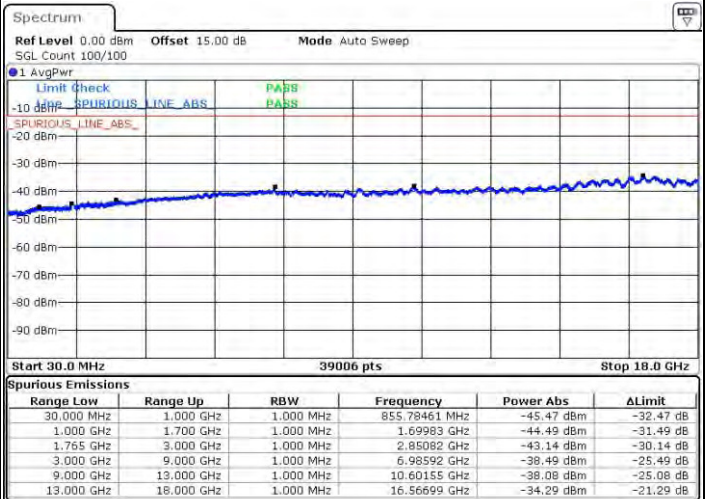
Date: 10.NOV.2015 14:50:17

Middle Channel / QPSK



Date: 10.NOV.2015 14:51:56

Middle Channel / 16QAM

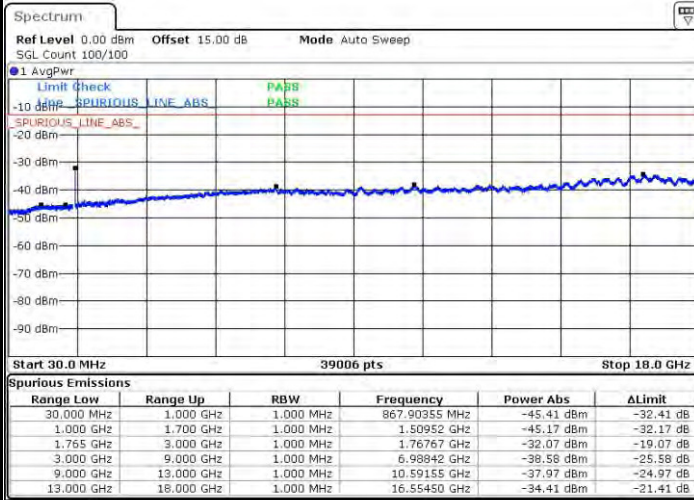


Date: 10.NOV.2015 14:52:52



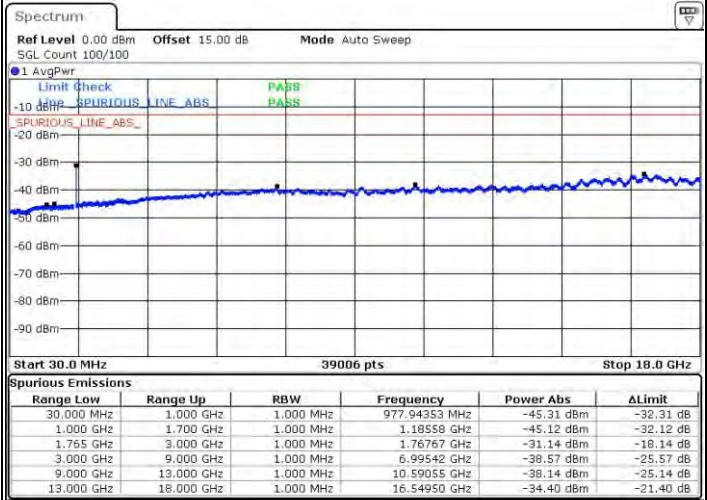
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 10.NOV.2015 14:59:09

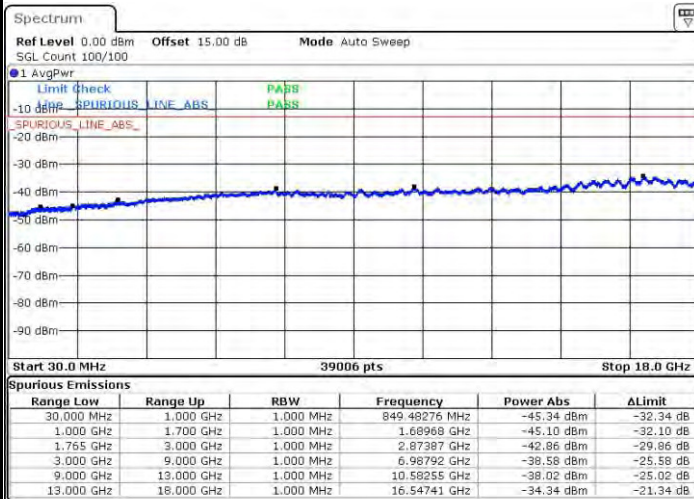
Highest Channel / 16QAM



Date: 10.NOV.2015 15:00:05

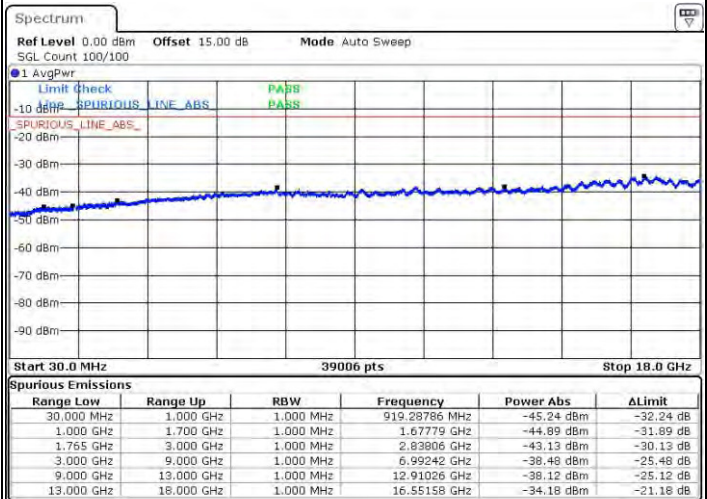
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 15:06:23

Lowest Channel / 16QAM

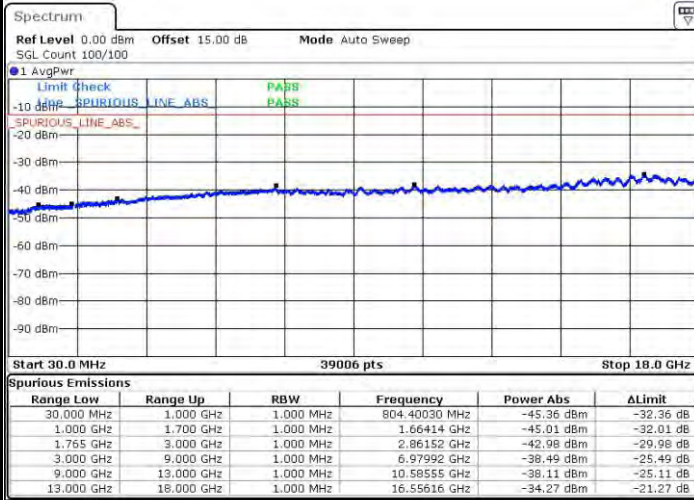


Date: 10.NOV.2015 15:07:20



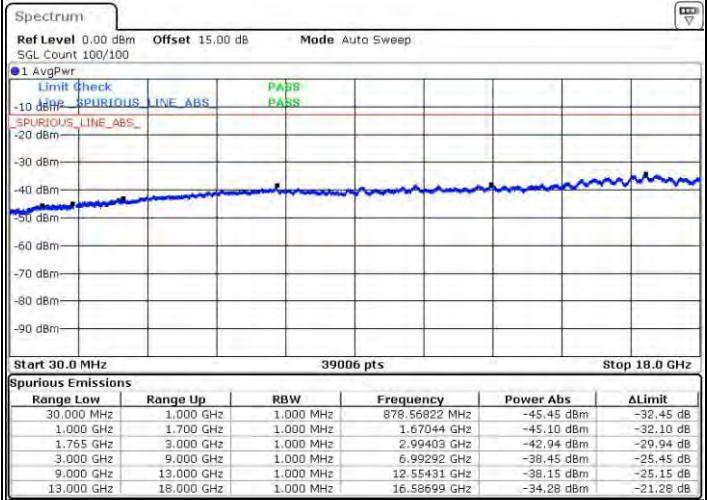
LTE Band 4 / 20MHz

Middle Channel / QPSK



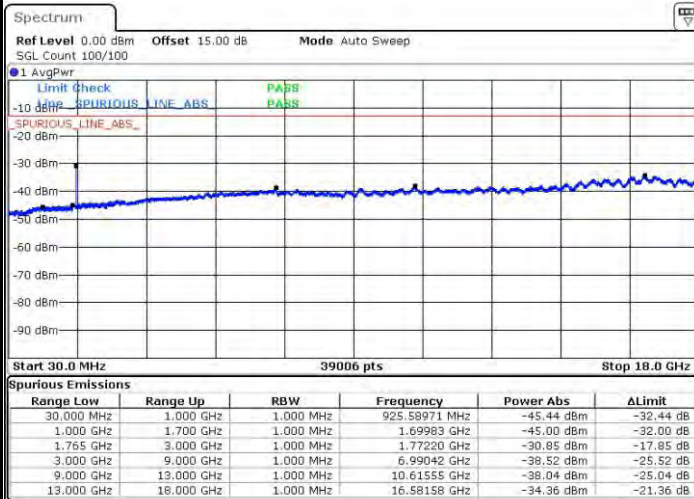
Date: 10.NOV.2015 15:08:59

Middle Channel / 16QAM



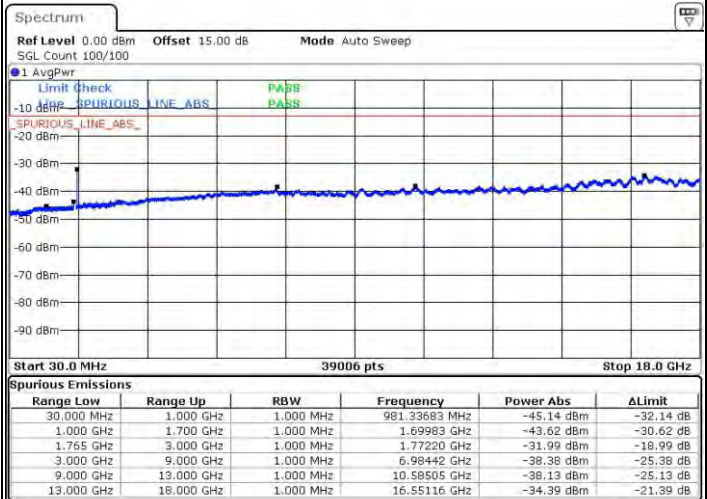
Date: 10.NOV.2015 15:09:56

Highest Channel / QPSK



Date: 10.NOV.2015 15:16:12

Highest Channel / 16QAM

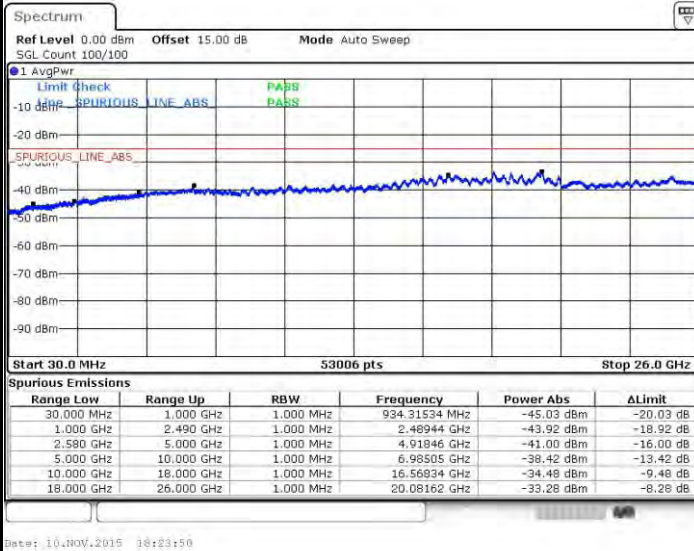


Date: 10.NOV.2015 15:17:09

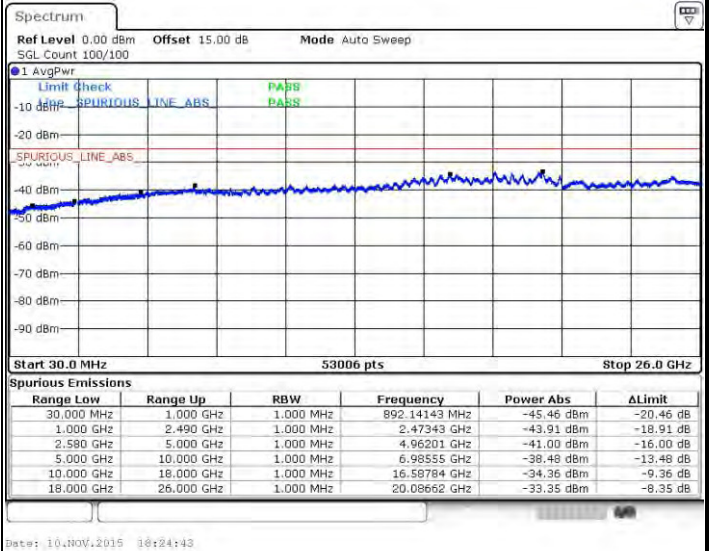


LTE Band 7 / 5MHz

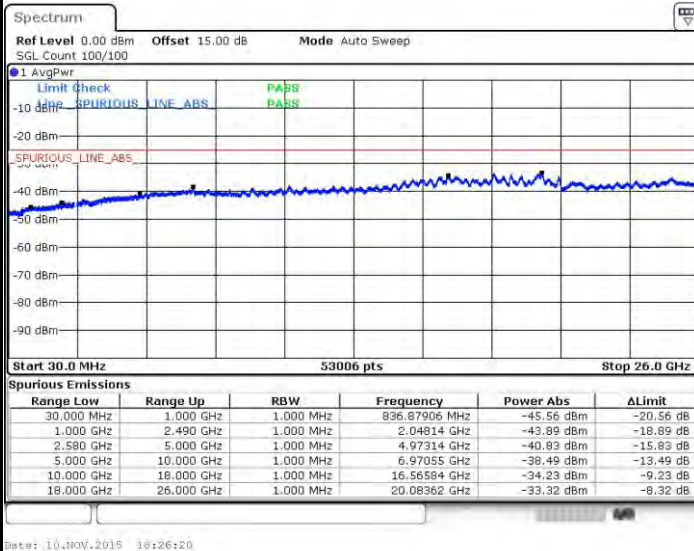
Lowest Channel / QPSK



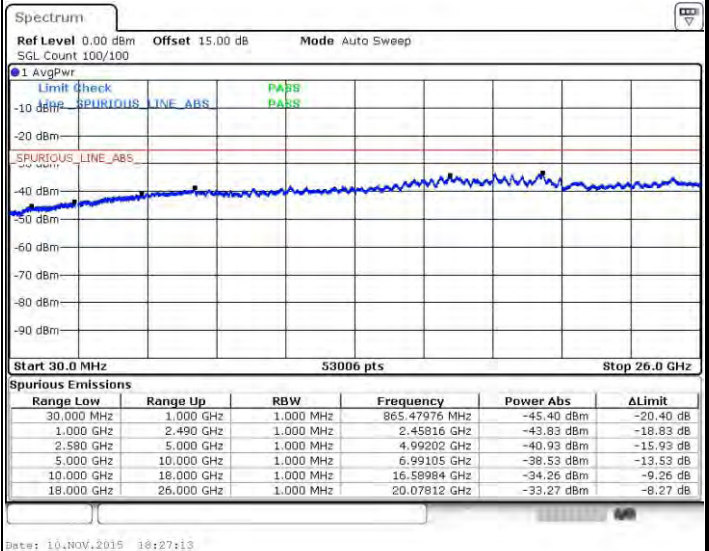
Lowest Channel / 16QAM



Middle Channel / QPSK



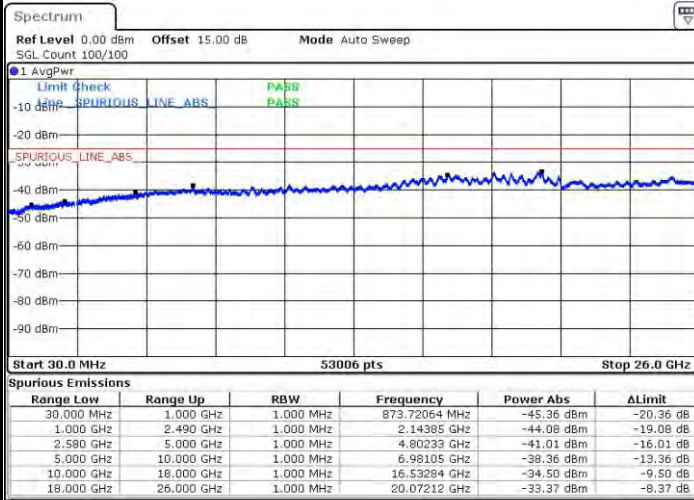
Middle Channel / 16QAM





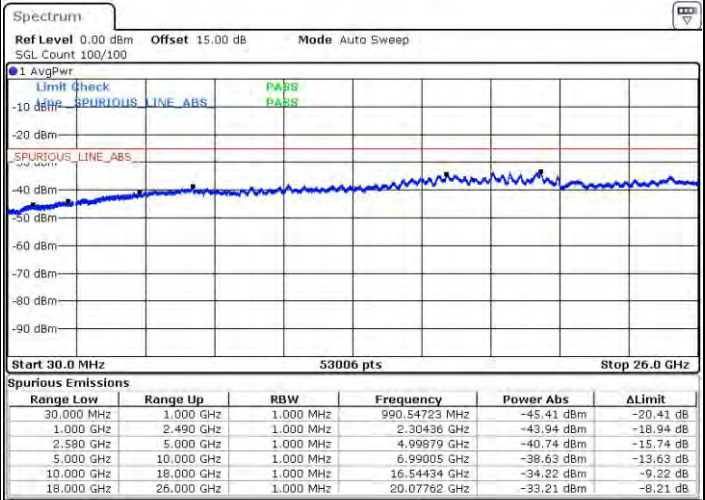
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 10.NOV.2015 18:33:33

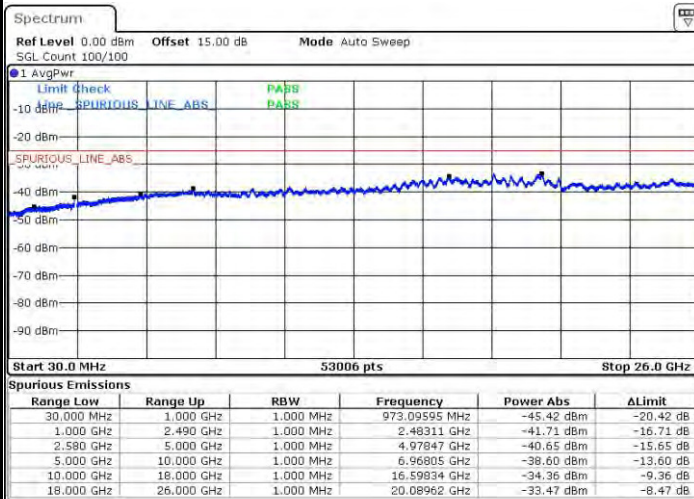
Highest Channel / 16QAM



Date: 10.NOV.2015 20:12:26

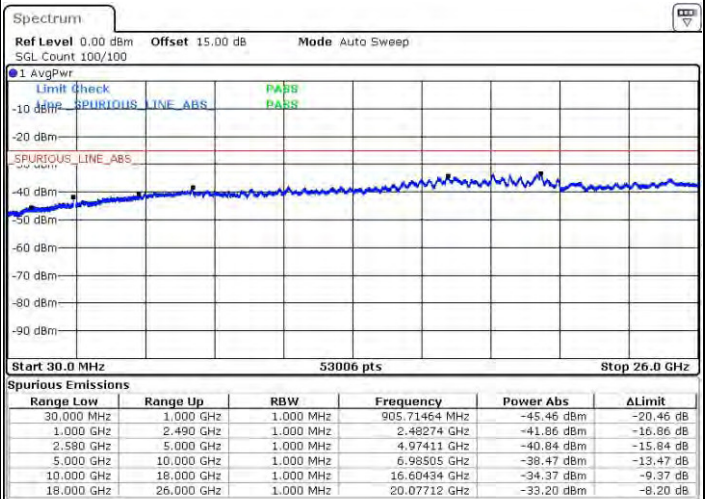
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 18:40:40

Lowest Channel / 16QAM

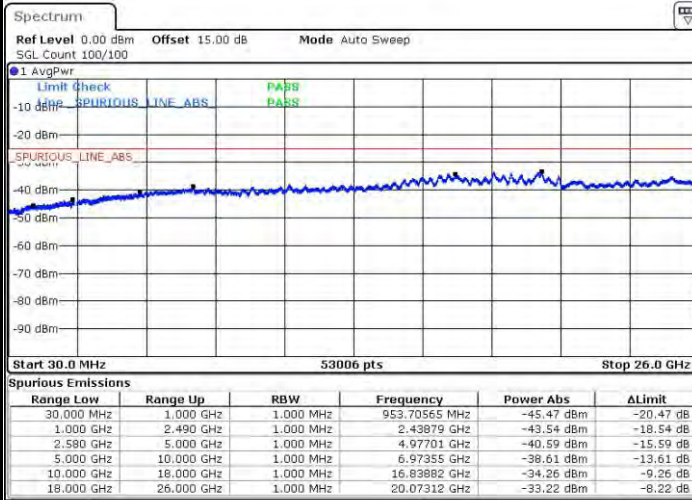


Date: 10.NOV.2015 18:41:34



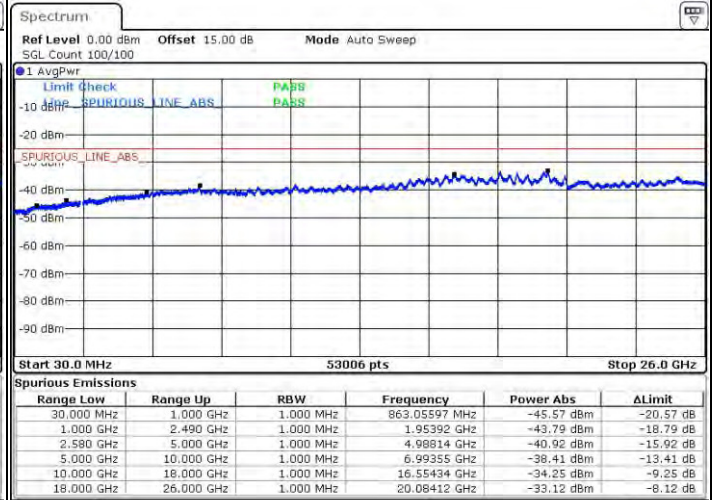
LTE Band 7 / 10MHz

Middle Channel / QPSK



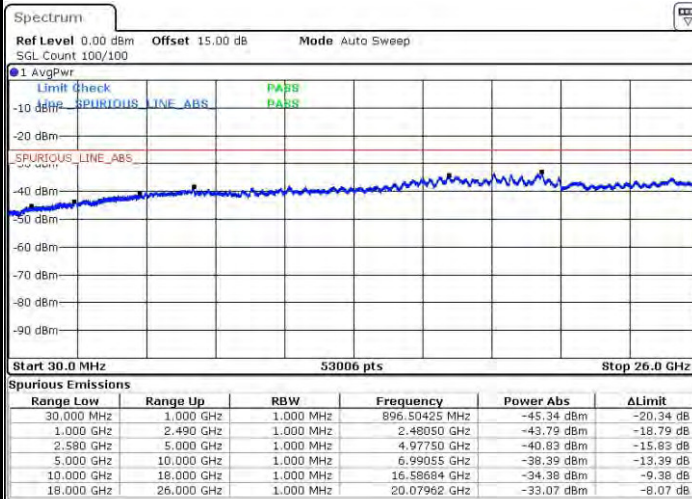
Date: 10.NOV.2015 10:43:10

Middle Channel / 16QAM



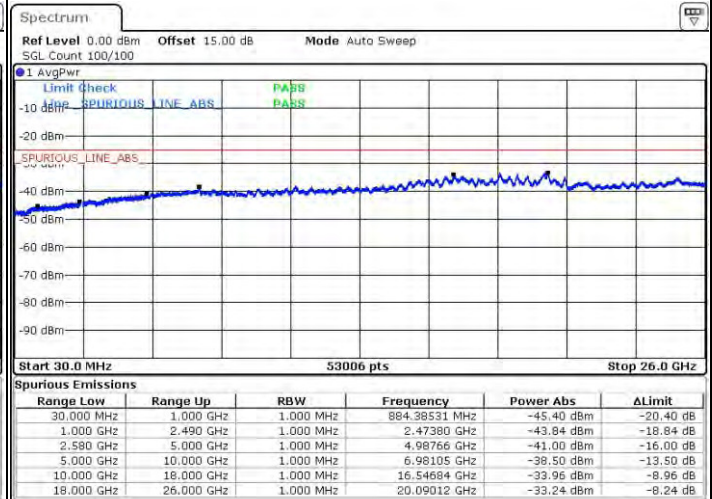
Date: 10.NOV.2015 10:44:04

Highest Channel / QPSK



Date: 10.NOV.2015 10:50:22

Highest Channel / 16QAM



Date: 10.NOV.2015 10:51:16



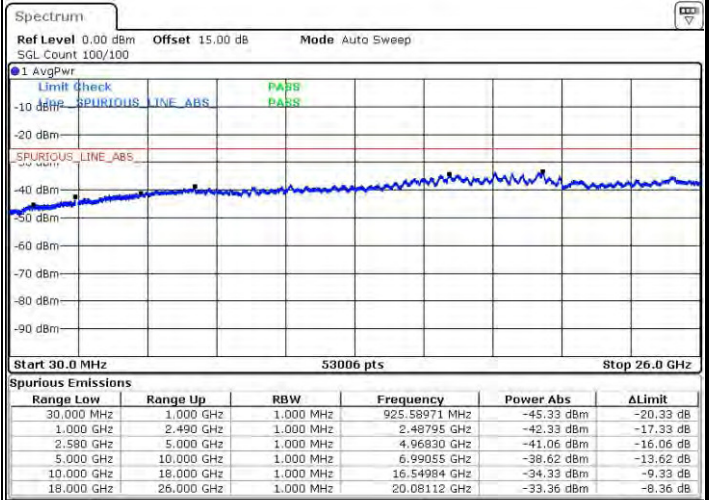
LTE Band 7 / 15MHz

Lowest Channel / QPSK



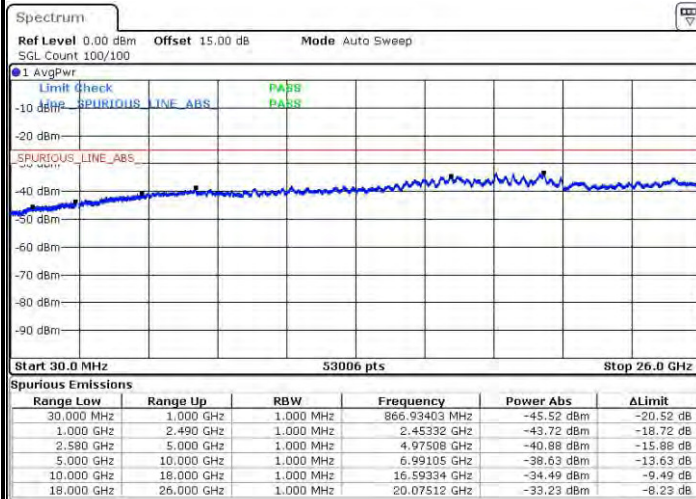
Date: 10.NOV.2015 18:57:32

Lowest Channel / 16QAM



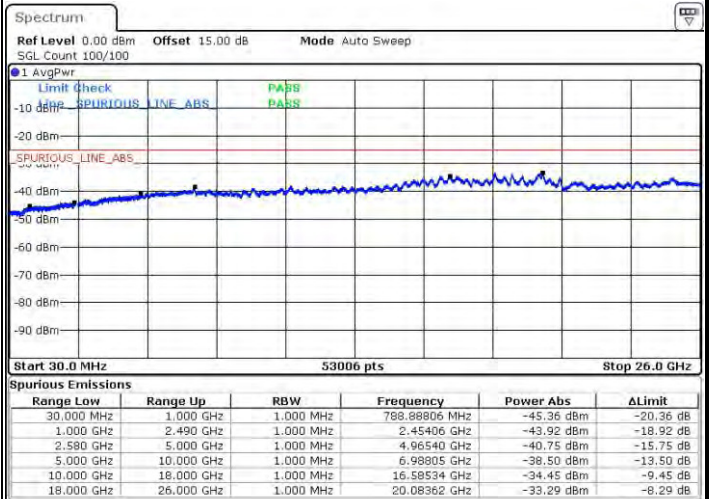
Date: 10.NOV.2015 18:58:25

Middle Channel / QPSK



Date: 10.NOV.2015 19:00:02

Middle Channel / 16QAM

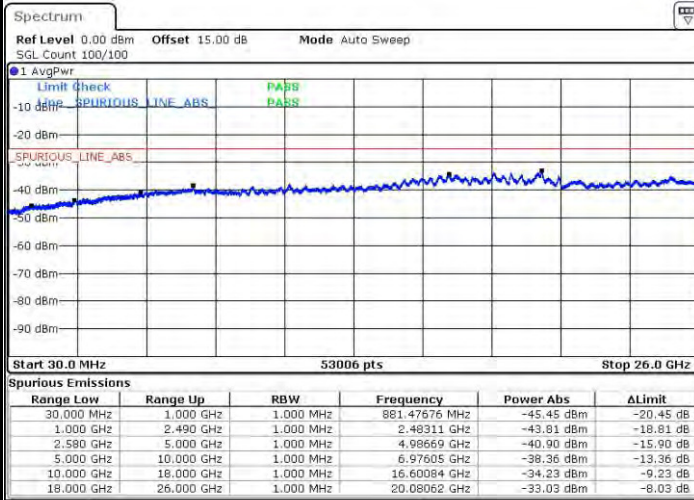


Date: 10.NOV.2015 19:00:56



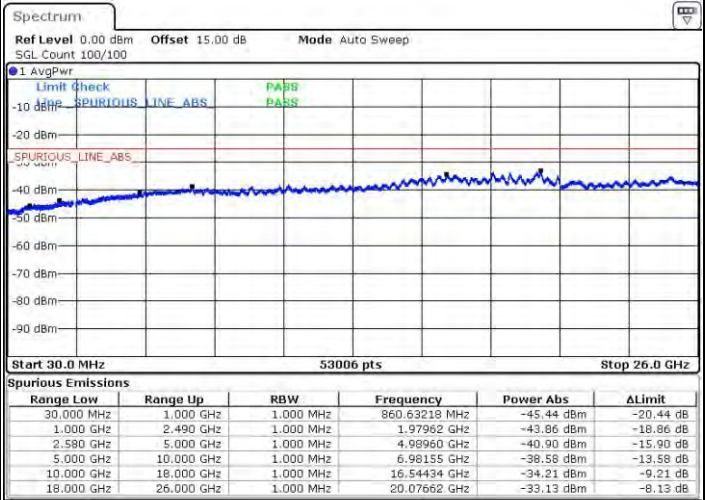
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 10.NOV.2015 20:08:37

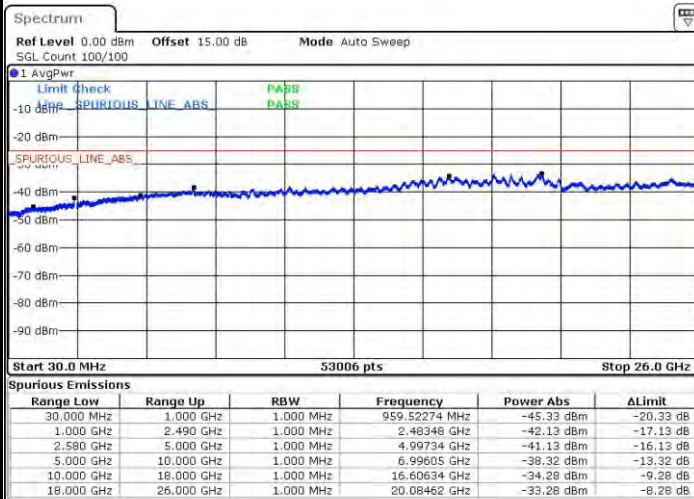
Highest Channel / 16QAM



Date: 10.NOV.2015 20:07:15

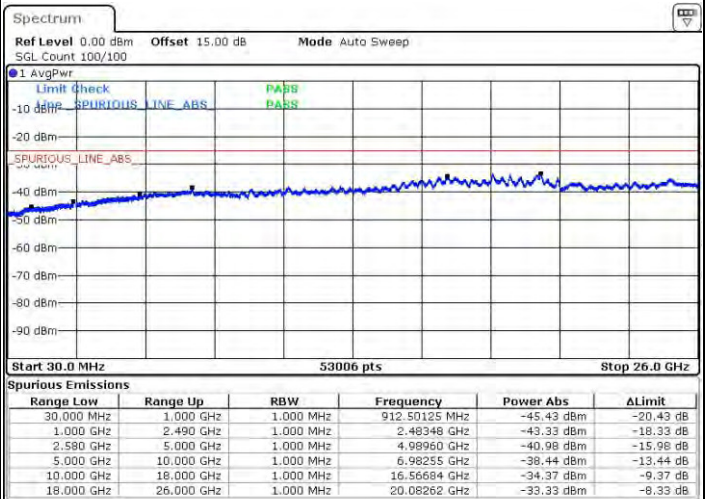
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 19:14:22

Lowest Channel / 16QAM

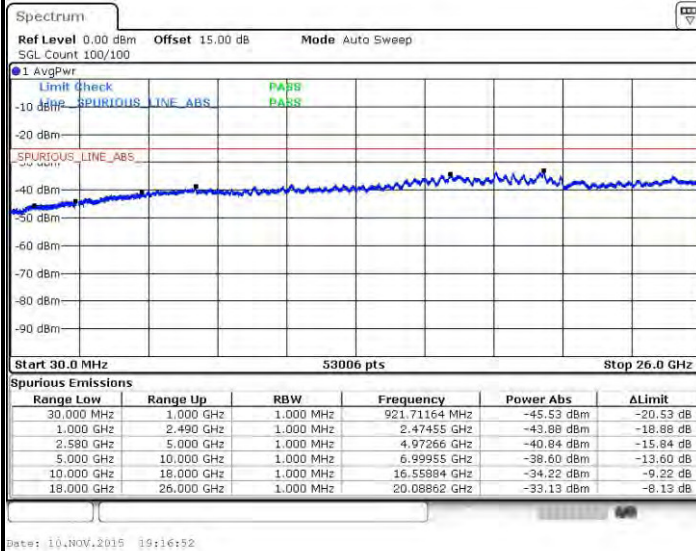


Date: 10.NOV.2015 19:15:16

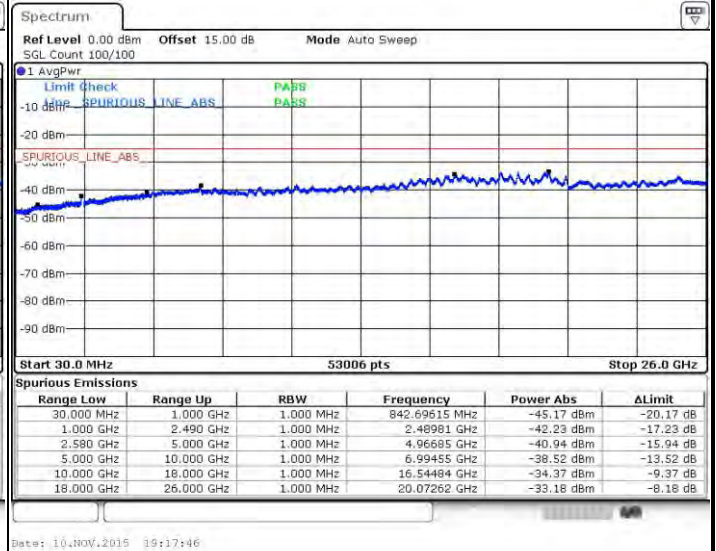


LTE Band 7 / 20MHz

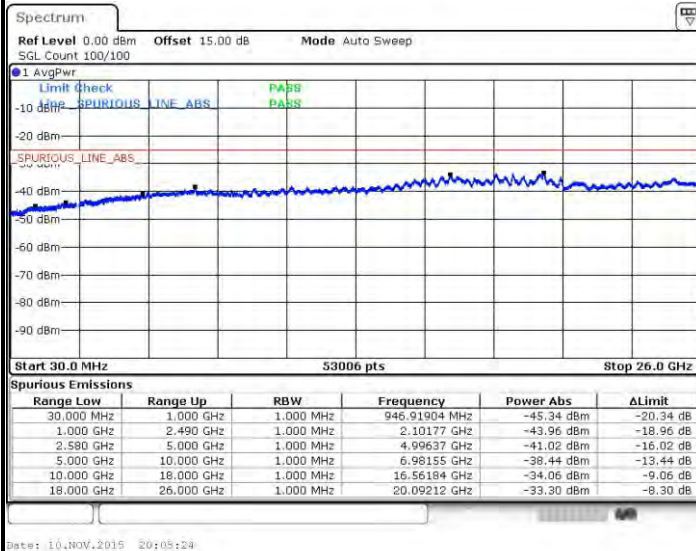
Middle Channel / QPSK



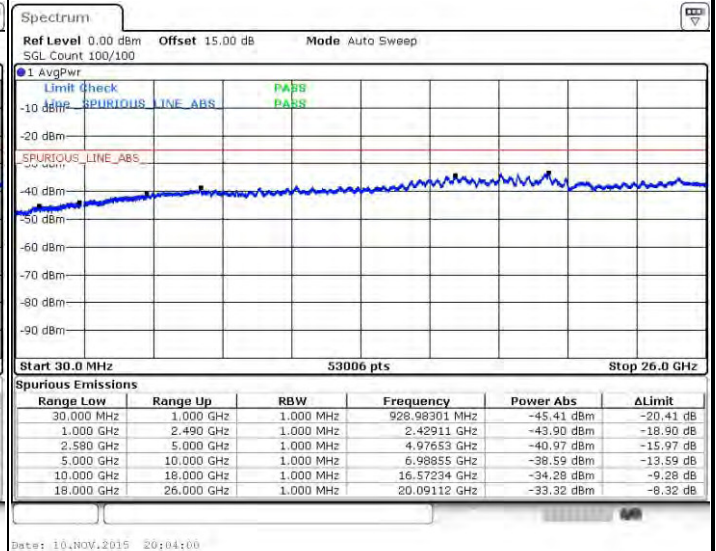
Middle Channel / 16QAM



Highest Channel / QPSK



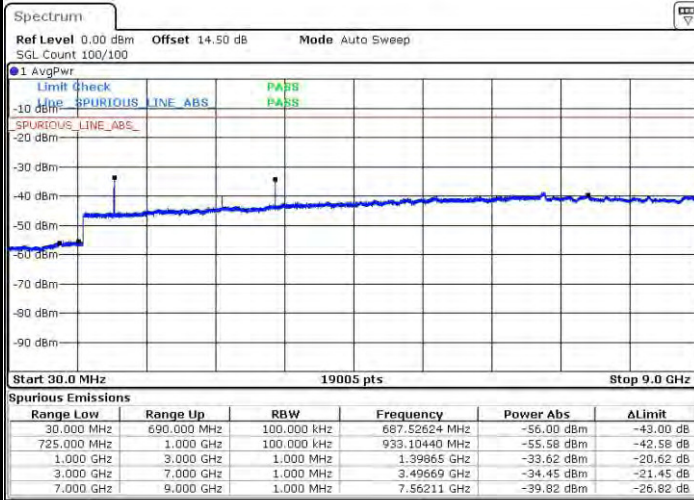
Highest Channel / 16QAM





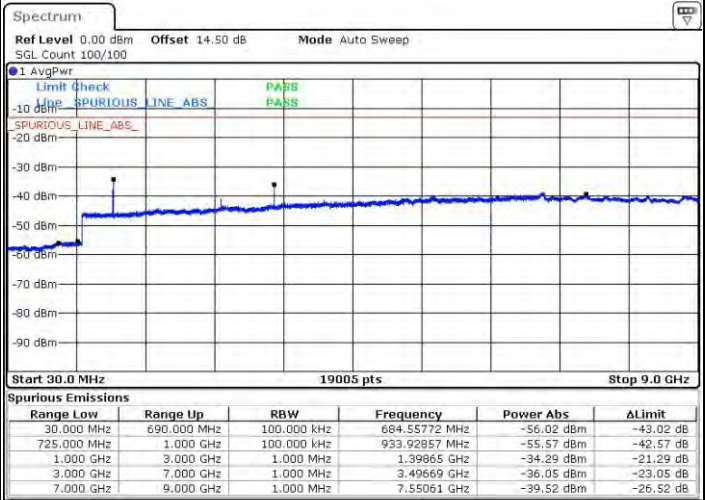
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



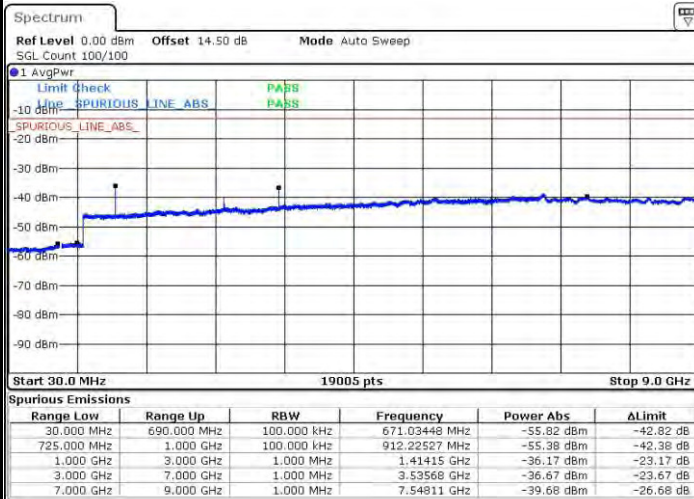
Date: 9.NOV.2015 21:48:24

Lowest Channel / 16QAM



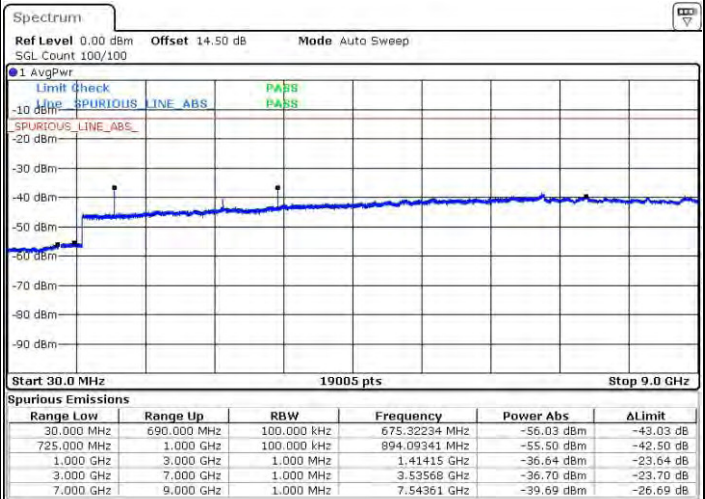
Date: 9.NOV.2015 21:49:20

Middle Channel / QPSK



Date: 9.NOV.2015 21:50:59

Middle Channel / 16QAM

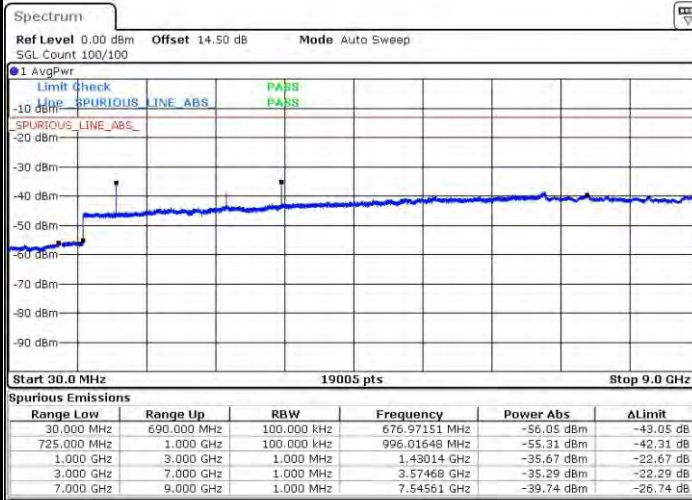


Date: 9.NOV.2015 21:51:55



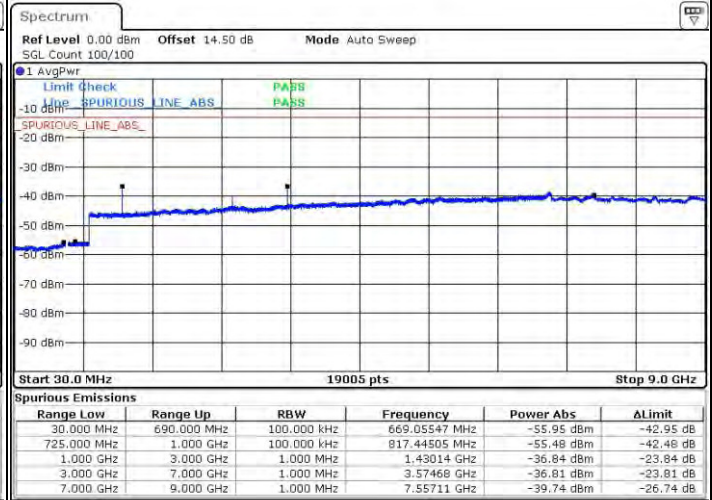
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 8.NOV.2015 22:01:12

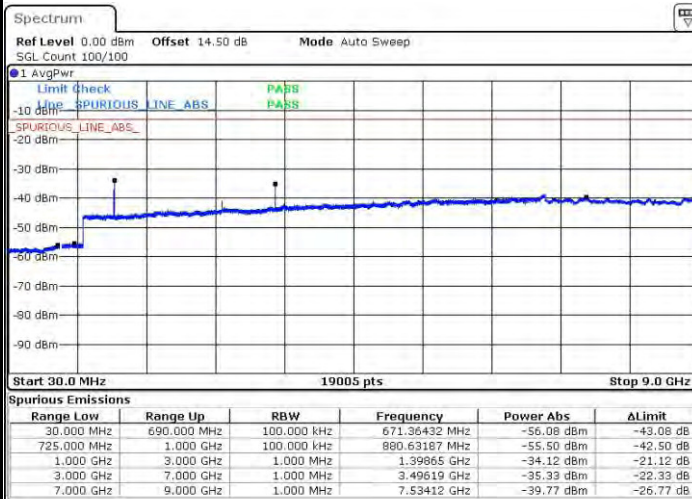
Highest Channel / 16QAM



Date: 8.NOV.2015 22:02:08

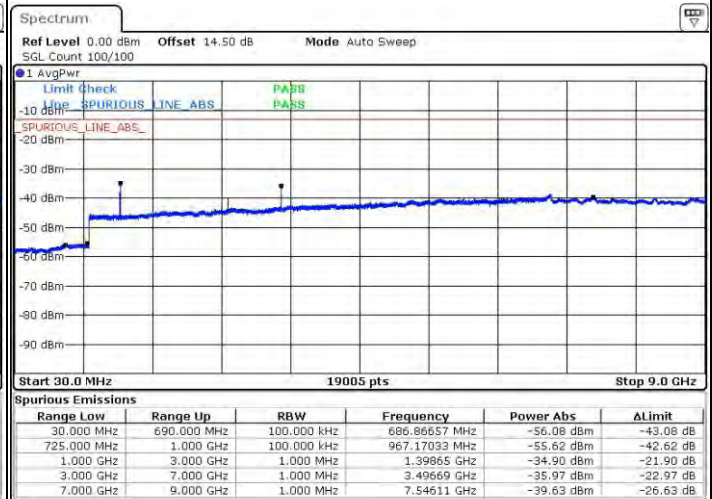
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 8.NOV.2015 22:11:29

Lowest Channel / 16QAM

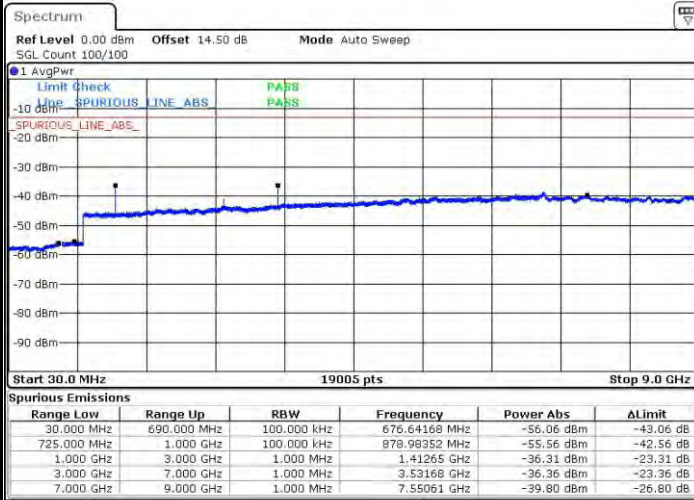


Date: 8.NOV.2015 22:12:21



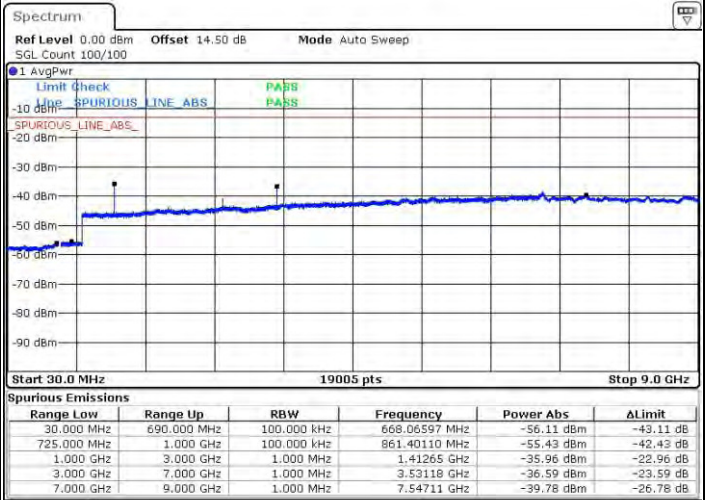
LTE Band 12 / 3MHz

Middle Channel / QPSK



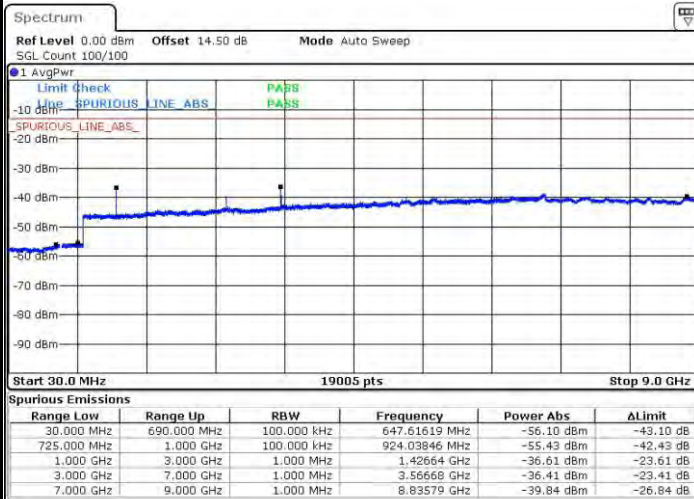
Date: 8.NOV.2015 22:14:00

Middle Channel / 16QAM



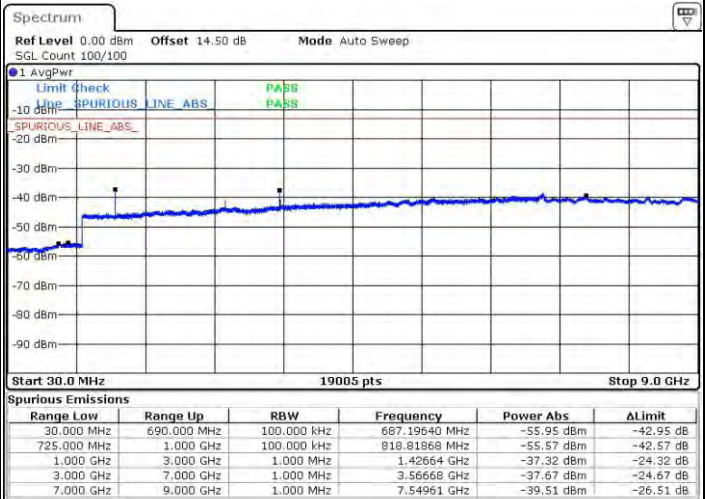
Date: 8.NOV.2015 22:14:56

Highest Channel / QPSK



Date: 8.NOV.2015 22:24:12

Highest Channel / 16QAM

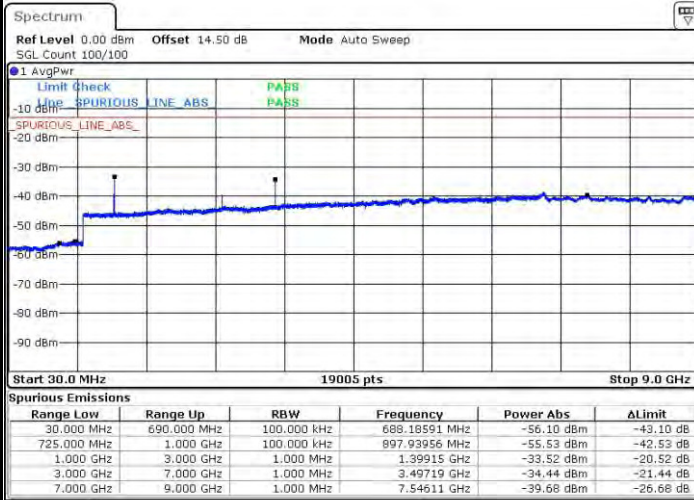


Date: 8.NOV.2015 22:25:08



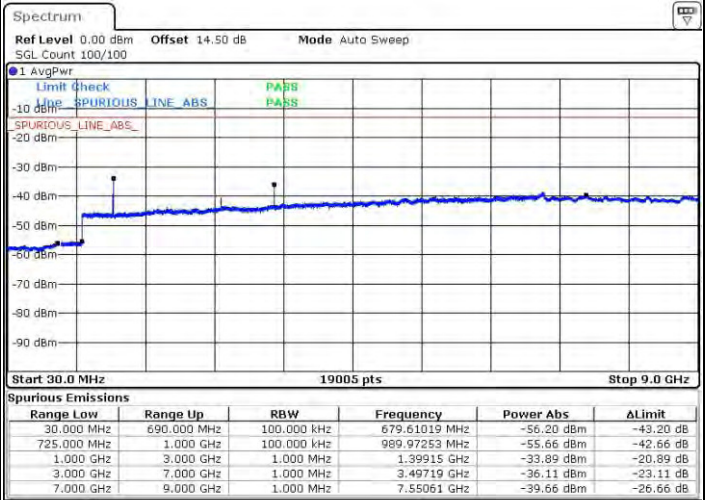
LTE Band 12 / 5MHz

Lowest Channel / QPSK



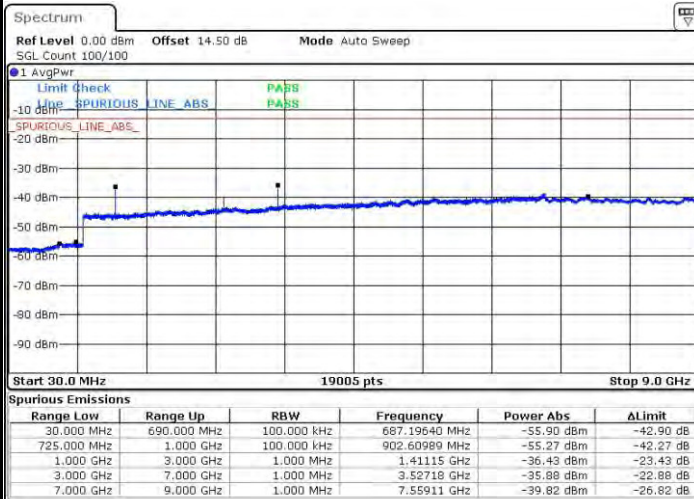
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Lowest Channel / 16QAM



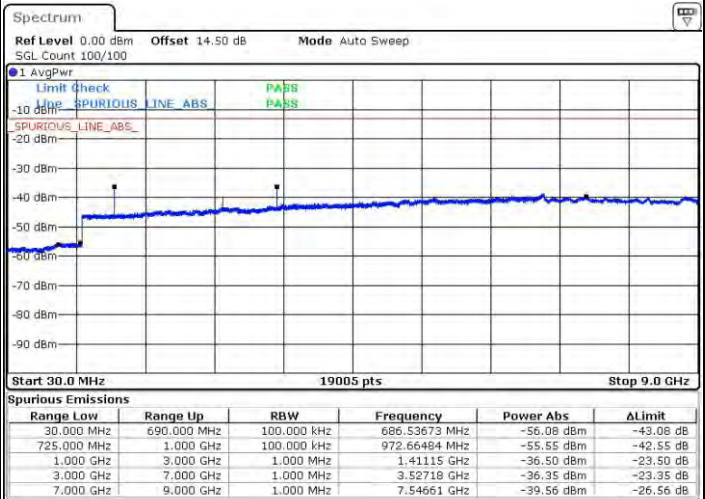
Date: 9.NOV.2015 22:35:21

Middle Channel / QPSK



Date: 9.NOV.2015 22:36:59

Middle Channel / 16QAM

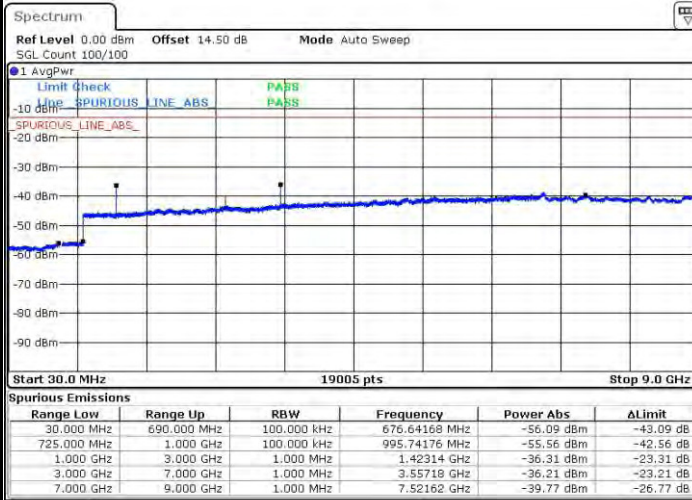


Date: 9.NOV.2015 22:37:55



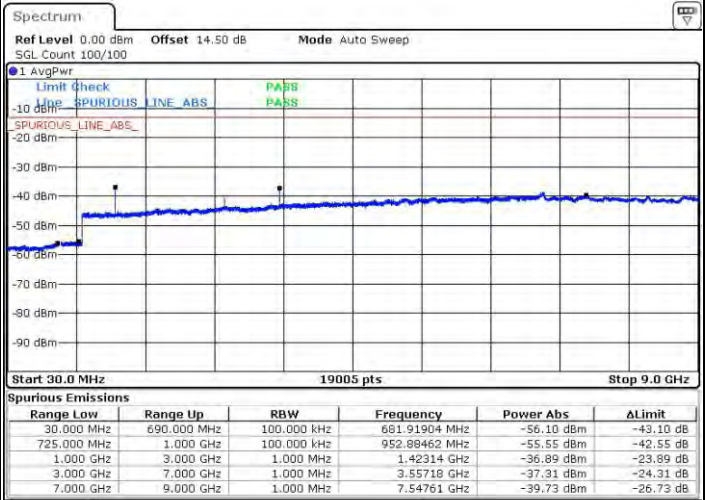
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9.NOV.2015 22:47:12

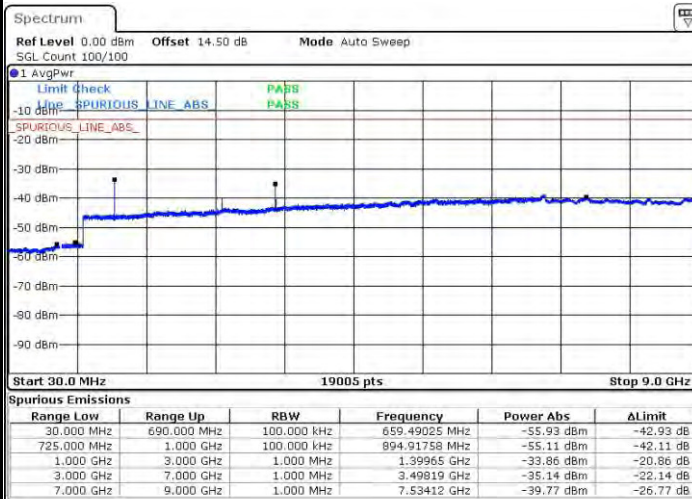
Highest Channel / 16QAM



Date: 9.NOV.2015 22:48:08

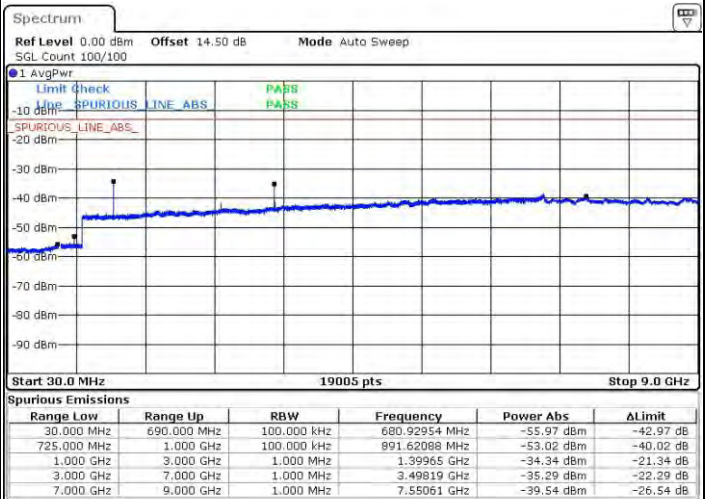
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 9.NOV.2015 22:57:24

Lowest Channel / 16QAM

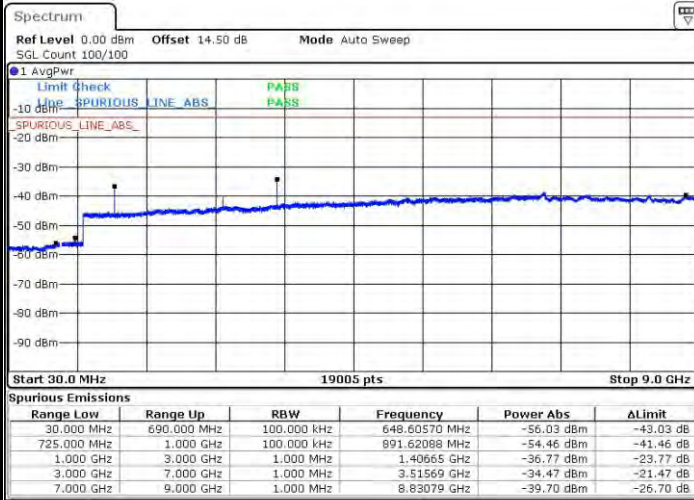


Date: 9.NOV.2015 22:58:20



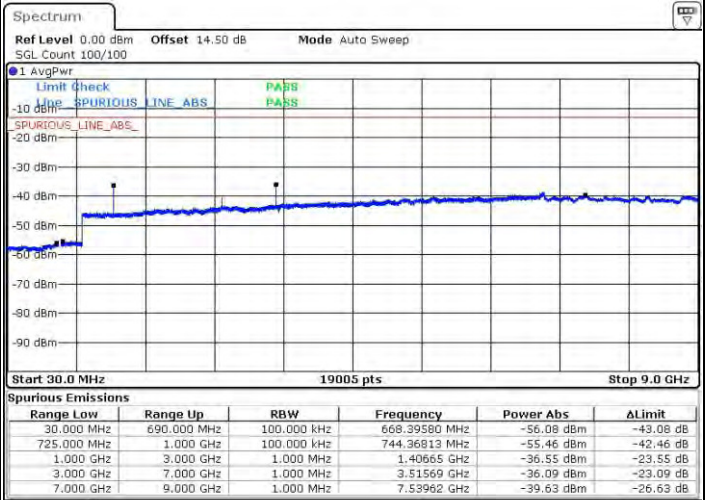
LTE Band 12 / 10MHz

Middle Channel / QPSK



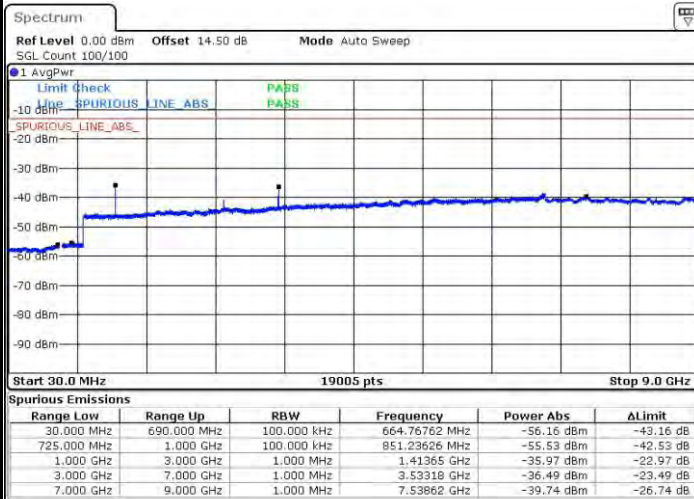
Date: 8.NOV.2015 22:59:58

Middle Channel / 16QAM



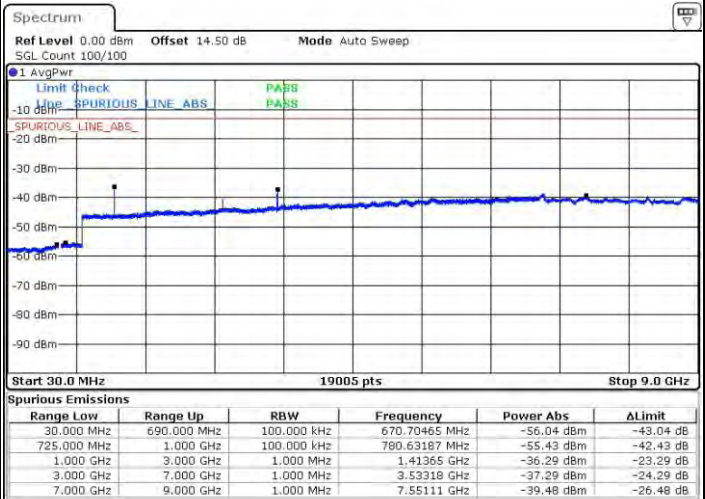
Date: 8.NOV.2015 23:00:54

Highest Channel / QPSK



Date: 8.NOV.2015 23:10:10

Highest Channel / 16QAM

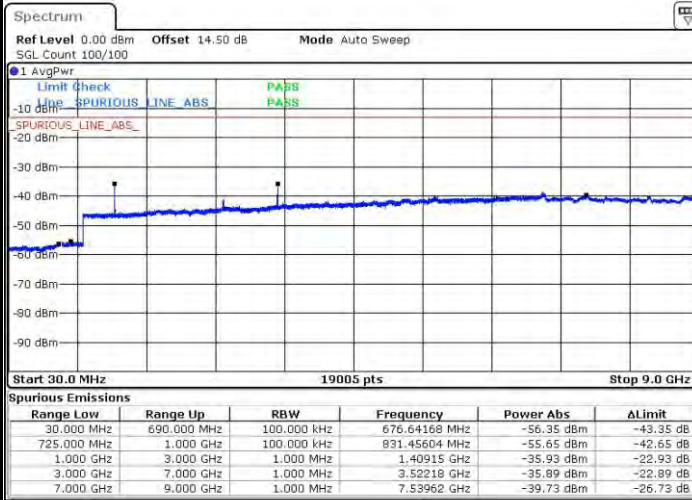


Date: 8.NOV.2015 23:11:06



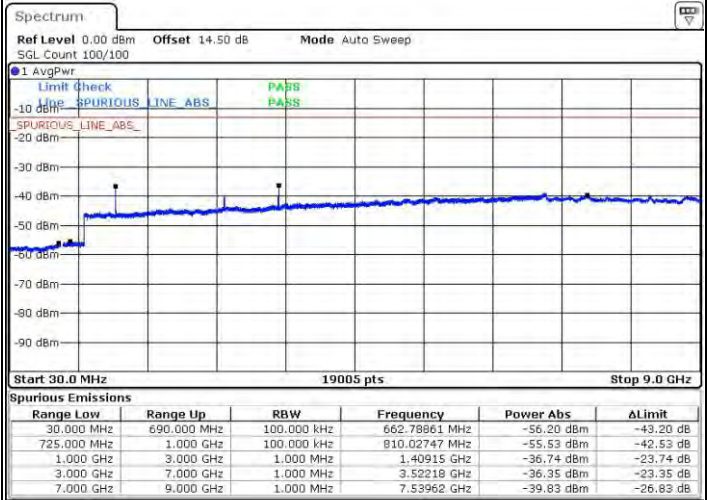
LTE Band 17 / 5MHz

Lowest Channel / QPSK



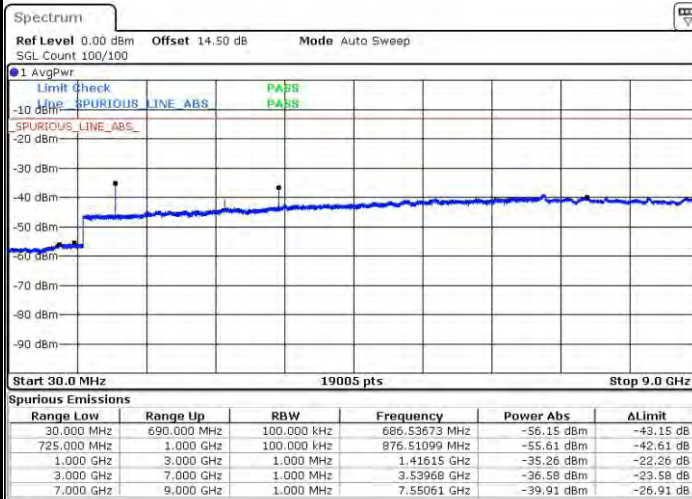
Date: 10.NOV.2015 22:09:27

Lowest Channel / 16QAM



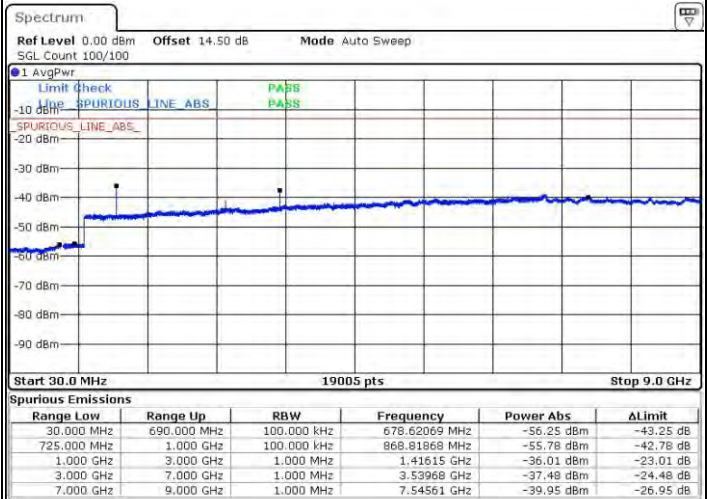
Date: 10.NOV.2015 22:10:23

Middle Channel / QPSK



Date: 10.NOV.2015 22:12:02

Middle Channel / 16QAM

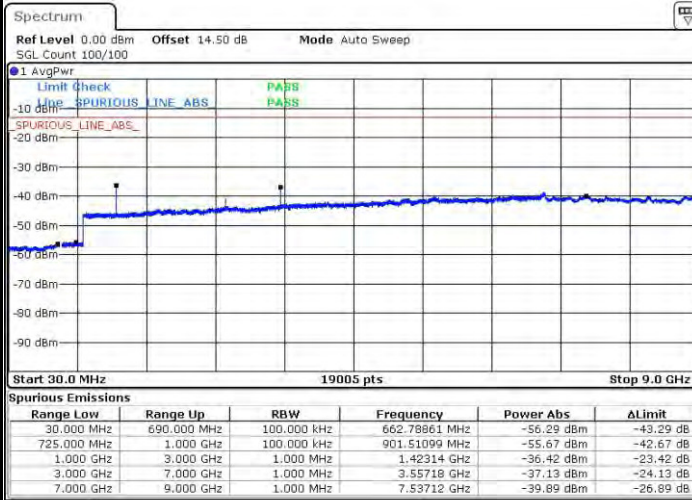


Date: 10.NOV.2015 22:12:56



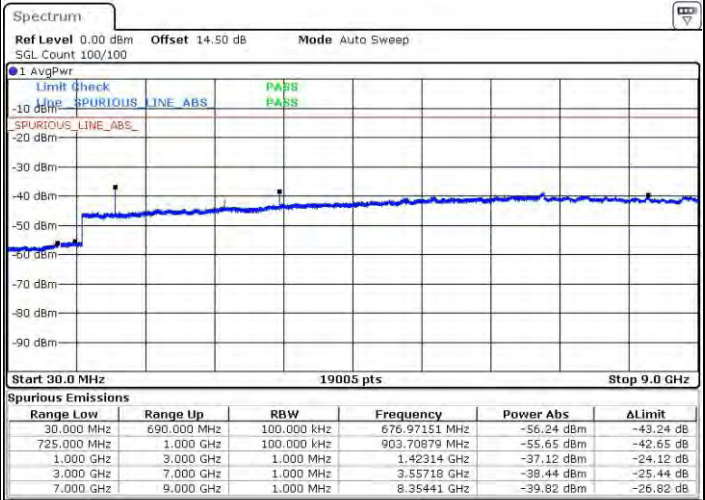
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 10.NOV.2015 22:22:16

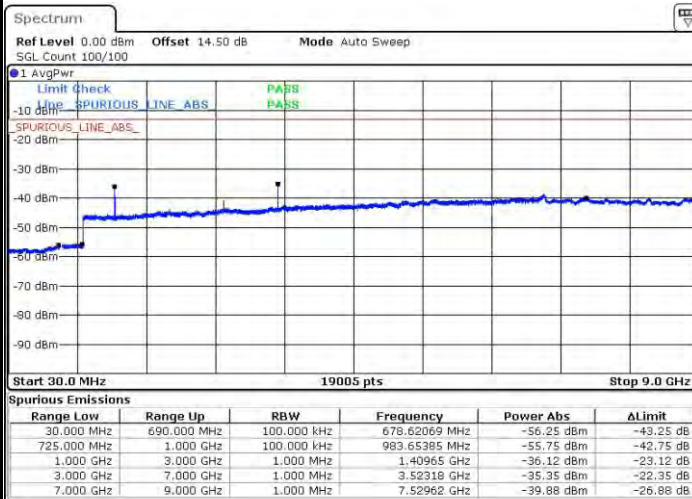
Highest Channel / 16QAM



Date: 10.NOV.2015 22:23:12

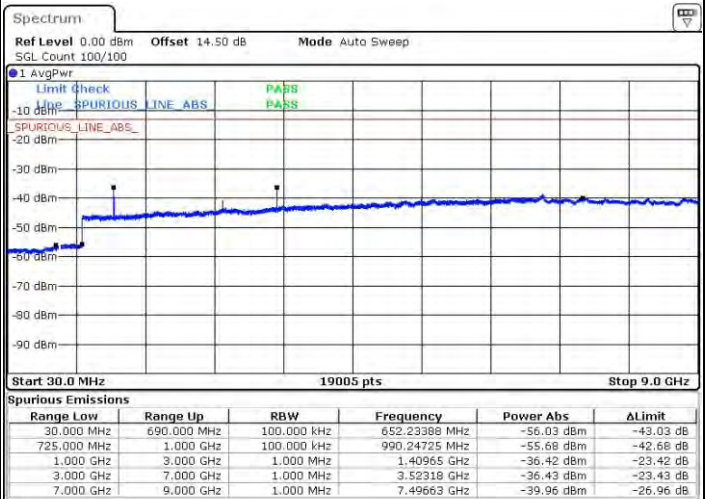
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 10.NOV.2015 22:32:30

Lowest Channel / 16QAM

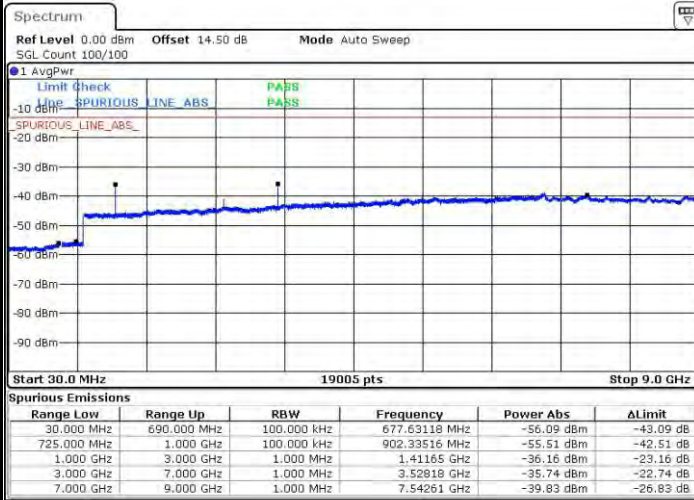


Date: 10.NOV.2015 22:33:26



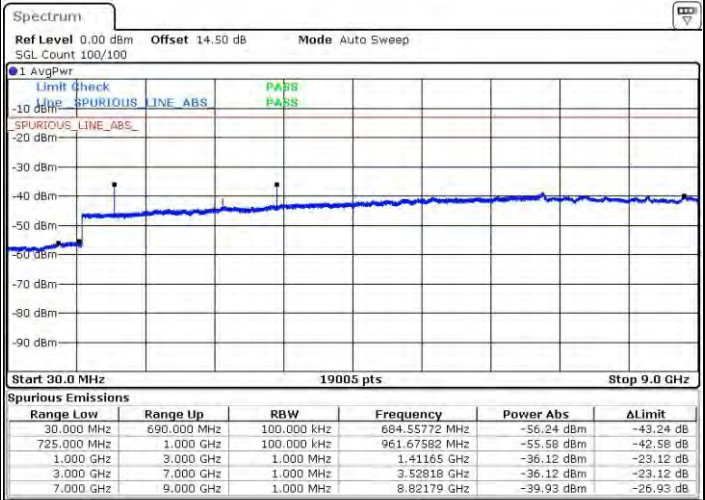
LTE Band 17 / 10MHz

Middle Channel / QPSK



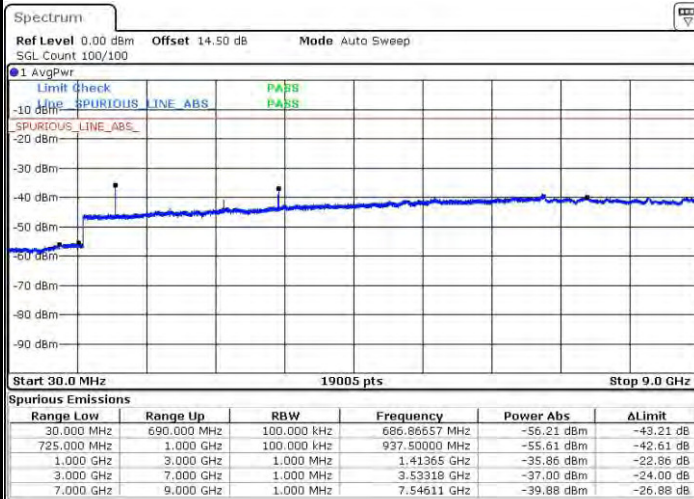
Date: 10.NOV.2015 22:35:05

Middle Channel / 16QAM



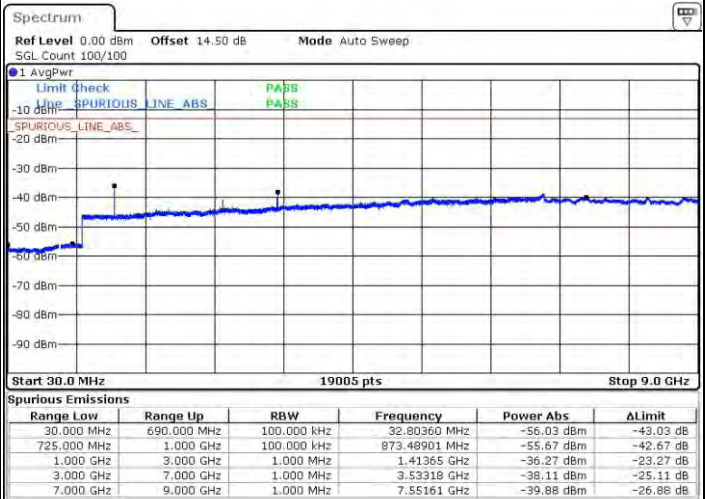
Date: 10.NOV.2015 22:36:01

Highest Channel / QPSK



Date: 10.NOV.2015 22:45:19

Highest Channel / 16QAM



Date: 10.NOV.2015 22:46:15

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	0.0005	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0059	
0	Normal Voltage	0.0074	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4V. ; 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	0.0189	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0147	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0093	
-30	Normal Voltage	0.0231	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4V. ; 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	0.0016	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4V. ; 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	0.0057	PASS
40	Normal Voltage	0.0141	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0127	
0	Normal Voltage	0.0057	
-10	Normal Voltage	0.0155	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4V. ; 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	0.0268	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0225	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0211	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0225	
-20	Normal Voltage	0.0254	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4V. ; 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	3	0	23.70	0.2344	20.73	0.1183
Middle		3	3	23.14	0.2061	21.43	0.1390
Highest		3	0	22.87	0.1936	18.44	0.0698
Lowest	16QAM	1	3	23.36	0.2168	19.37	0.0865
Middle		1	3	22.87	0.1936	18.83	0.0764
Highest		1	3	22.07	0.1611	17.32	0.0540
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	8	24.42	0.2767	21.46	0.1400
Middle		1	8	24.74	0.2979	20.35	0.1084
Highest		1	8	24.28	0.2679	18.89	0.0774
Lowest	16QAM	1	8	22.26	0.1683	21.69	0.1476
Middle		1	8	22.43	0.1750	20.05	0.1012
Highest		1	8	22.19	0.1656	19.44	0.0879
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	23.55	0.2265	22.50	0.1778
Middle		1	12	23.15	0.2065	21.65	0.1462
Highest		1	12	22.99	0.1991	21.32	0.1355
Lowest	16QAM	1	12	22.66	0.1845	21.47	0.1403
Middle		1	12	22.23	0.1671	20.00	0.1000
Highest		1	12	22.32	0.1706	19.41	0.0873
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	23.81	0.2404	21.57	0.1435
Middle		1	0	23.22	0.2099	19.20	0.0832
Highest		1	25	23.24	0.2109	18.71	0.0743
Lowest	16QAM	1	25	22.37	0.1726	21.79	0.1510
Middle		1	0	22.23	0.1671	21.18	0.1312
Highest		1	0	21.99	0.1581	20.72	0.1180
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	23.17	0.2075	16.85	0.0484
Middle		1	37	22.56	0.1803	18.29	0.0675
Highest		1	0	21.94	0.1563	17.92	0.0619
Lowest	16QAM	1	37	21.18	0.1312	16.43	0.0440
Middle		1	0	20.70	0.1175	15.98	0.0396
Highest		1	0	20.50	0.1122	15.71	0.0372
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	23.95	0.2483	20.93	0.1239
Middle		1	0	23.89	0.2449	20.68	0.1169
Highest		1	0	23.42	0.2198	21.11	0.1291
Lowest	16QAM	1	49	23.38	0.2178	20.31	0.1074
Middle		1	49	22.89	0.1945	19.87	0.0971
Highest		1	49	23.18	0.2080	20.35	0.1084
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	0	18.90	0.0776	18.21	0.0662
Middle		3	0	19.37	0.0865	17.69	0.0587
Highest		3	0	20.58	0.1143	18.21	0.0662
Lowest	16QAM	1	3	19.96	0.0991	16.88	0.0488
Middle		1	3	20.39	0.1094	16.84	0.0483
Highest		1	3	21.69	0.1476	17.24	0.0530
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	8	0	19.97	0.0993	17.59	0.0574
Middle		8	0	20.44	0.1107	16.96	0.0497
Highest		8	0	20.79	0.1199	17.84	0.0608
Lowest	16QAM	1	8	18.86	0.0769	13.38	0.0218
Middle		1	8	19.66	0.0925	14.78	0.0301
Highest		1	8	20.79	0.1199	16.22	0.0419
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	12	13	19.89	0.0975	18.98	0.0791
Middle		12	0	20.73	0.1183	19.01	0.0796
Highest		12	0	20.68	0.1169	19.72	0.0938
Lowest	16QAM	1	12	20.11	0.1026	19.03	0.0800
Middle		1	0	21.04	0.1271	19.43	0.0877
Highest		1	12	21.27	0.1340	20.40	0.1096
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	50	0	21.85	0.1531	19.10	0.0813
Middle		25	0	21.91	0.1552	19.11	0.0815
Highest		25	0	22.12	0.1629	20.13	0.1030
Lowest	16QAM	1	0	19.10	0.0813	18.48	0.0705
Middle		1	25	20.66	0.1164	19.10	0.0813
Highest		1	0	20.82	0.1208	19.93	0.0984
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	36	0	19.52	0.0895	14.12	0.0258
Middle		36	0	20.59	0.1146	16.68	0.0466
Highest		36	0	21.19	0.1315	17.65	0.0582
Lowest	16QAM	1	0	19.70	0.0933	18.55	0.0716
Middle		1	37	19.58	0.0908	19.29	0.0849
Highest		1	0	20.47	0.1114	19.70	0.0933
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	22.17	0.1648	15.79	0.0379
Middle		1	0	22.64	0.1837	15.87	0.0386
Highest		1	0	23.06	0.2023	16.87	0.0486
Lowest	16QAM	1	99	21.58	0.1439	20.92	0.1236
Middle		1	49	20.97	0.1250	20.06	0.1014
Highest		1	49	21.90	0.1549	21.37	0.1371
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	24	17.63	0.0579	19.55	0.0902
Middle		1	24	17.54	0.0568	18.92	0.0780
Highest		1	24	18.22	0.0664	19.12	0.0817
Lowest	16QAM	1	24	18.59	0.0723	18.41	0.0693
Middle		1	12	17.96	0.0625	17.47	0.0558
Highest		1	0	19.46	0.0883	19.00	0.0794
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	25	18.39	0.0690	19.69	0.0931
Middle		1	25	17.93	0.0621	18.68	0.0738
Highest		1	0	19.84	0.0964	20.52	0.1127
Lowest	16QAM	1	25	18.20	0.0661	18.75	0.0750
Middle		1	25	18.33	0.0681	18.51	0.0710
Highest		1	0	19.82	0.0959	19.57	0.0906
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	37	19.93	0.0984	18.97	0.0789
Middle		1	0	19.91	0.0979	19.36	0.0863
Highest		1	0	21.17	0.1309	20.33	0.1079
Lowest	16QAM	1	37	19.60	0.0912	18.24	0.0667
Middle		1	37	19.53	0.0897	19.46	0.0883
Highest		1	0	20.50	0.1122	18.35	0.0684
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	99	17.99	0.0630	21.21	0.1321
Middle		1	99	17.24	0.0530	19.75	0.0944
Highest		1	99	18.58	0.0721	20.89	0.1227
Lowest	16QAM	1	0	18.85	0.0767	19.42	0.0875
Middle		1	49	18.71	0.0743	17.38	0.0547
Highest		1	49	20.86	0.1219	19.07	0.0807
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	0	18.99	0.0793	16.03	0.0401
Middle		3	0	19.36	0.0863	16.09	0.0406
Highest		3	0	18.75	0.0750	16.18	0.0415
Lowest	16QAM	1	3	17.90	0.0617	18.30	0.0676
Middle		1	3	18.02	0.0634	18.23	0.0665
Highest		1	3	17.37	0.0546	18.48	0.0705
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	8	19.50	0.0891	19.96	0.0991
Middle		1	8	19.60	0.0912	19.97	0.0993
Highest		1	8	19.16	0.0824	19.79	0.0953
Lowest	16QAM	1	8	13.90	0.0245	18.97	0.0789
Middle		1	8	14.90	0.0309	19.20	0.0832
Highest		1	14	15.53	0.0357	18.82	0.0762
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	20.41	0.1099	19.90	0.0977
Middle		1	12	20.44	0.1107	20.15	0.1035
Highest		1	12	19.85	0.0966	19.71	0.0935
Lowest	16QAM	1	24	18.82	0.0762	17.03	0.0505
Middle		1	12	19.25	0.0841	17.72	0.0592
Highest		1	12	19.30	0.0851	17.03	0.0505
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	17.68	0.0586	20.33	0.1079
Middle		1	49	17.25	0.0531	20.32	0.1076
Highest		1	49	16.59	0.0456	19.97	0.0993
Lowest	16QAM	1	25	15.17	0.0329	19.67	0.0927
Middle		1	25	15.90	0.0389	20.01	0.1002
Highest		1	0	15.68	0.0370	20.13	0.1030
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	19.32	0.0855	19.93	0.0984
Middle		1	12	19.30	0.0851	19.99	0.0998
Highest		1	12	19.18	0.0828	19.77	0.0948
Lowest	16QAM	1	12	17.88	0.0614	20.46	0.1112
Middle		1	12	17.91	0.0618	20.62	0.1153
Highest		1	12	18.08	0.0643	20.05	0.1012
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	16.44	0.0441	20.35	0.1084
Middle		1	49	15.52	0.0356	20.36	0.1086
Highest		1	49	15.33	0.0341	20.21	0.1050
Lowest	16QAM	1	49	15.44	0.0350	19.78	0.0951
Middle		1	49	15.12	0.0325	19.78	0.0951
Highest		1	49	14.62	0.0290	19.78	0.0951
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	-51.70	-13	-38.70	-64.47	-58.89	0.81	8.00	H
	5550.48	-26.52	-13	-13.52	-48.57	-36.51	1.01	11.00	H
	7400.64	-45.56	-13	-32.56	-67.73	-57.80	1.46	13.70	H
	3700.32	-51.53	-13	-38.53	-64.6	-58.72	0.81	8.00	V
	5550.48	-16.51	-13	-3.51	-39.05	-26.50	1.01	11.00	V
	7400.64	-43.16	-13	-30.16	-65.65	-55.40	1.46	13.70	V
Middle	3758.92	-53.77	-13	-40.77	-66.54	-60.96	0.81	8.00	H
	5638.38	-21.95	-13	-8.95	-44.12	-31.94	1.01	11.00	H
	7517.84	-45.56	-13	-32.56	-67.73	-57.80	1.46	13.70	H
	3758.92	-52.85	-13	-39.85	-65.92	-60.04	0.81	8.00	V
	5638.38	-16.11	-13	-3.11	-38.67	-26.10	1.01	11.00	V
	7517.84	-42.40	-13	-29.40	-64.89	-54.64	1.46	13.70	V
Highest	3817.52	-52.94	-13	-39.94	-65.71	-60.13	0.81	8.00	H
	5726.28	-19.25	-13	-6.25	-41.65	-29.24	1.01	11.00	H
	7635.04	-43.38	-13	-30.38	-65.55	-55.62	1.46	13.70	H
	3817.52	-51.68	-13	-38.68	-64.75	-58.87	0.81	8.00	V
	5726.28	-16.66	-13	-3.66	-39.19	-26.65	1.01	11.00	V
	7635.04	-40.55	-13	-27.55	-63.04	-52.79	1.46	13.70	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	3700.48	-51.37	-13	-38.37	-64.14	-58.56	0.81	8.00	H
	5550.72	-24.81	-13	-11.81	-47.01	-34.80	1.01	11.00	H
	7400.96	-44.95	-13	-31.95	-67.12	-57.19	1.46	13.70	H
	3700.48	-50.63	-13	-37.63	-63.7	-57.82	0.81	8.00	V
	5550.72	-15.77	-13	-2.77	-38.36	-25.76	1.01	11.00	V
	7400.96	-42.70	-13	-29.70	-65.19	-54.94	1.46	13.70	V
Middle	3758.92	-52.70	-13	-39.70	-65.47	-59.89	0.81	8.00	H
	5638.38	-22.84	-13	-9.84	-44.96	-32.83	1.01	11.00	H
	7517.84	-44.62	-13	-31.62	-66.79	-56.86	1.46	13.70	H
	3758.92	-53.59	-13	-40.59	-66.66	-60.78	0.81	8.00	V
	5638.38	-15.95	-13	-2.95	-38.52	-25.94	1.01	11.00	V
	7517.84	-42.57	-13	-29.57	-65.06	-54.81	1.46	13.70	V
Highest	3814.48	-53.91	-13	-40.91	-66.68	-61.10	0.81	8.00	H
	5721.72	-20.10	-13	-7.10	-42.50	-30.09	1.01	11.00	H
	7628.96	-43.92	-13	-30.92	-66.09	-56.16	1.46	13.70	H
	3814.48	-52.00	-13	-39.00	-65.07	-59.19	0.81	8.00	V
	5721.72	-17.36	-13	-4.36	-39.89	-27.35	1.01	11.00	V
	7628.96	-39.62	-13	-26.62	-62.44	-51.86	1.46	13.70	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	-52.05	-13	-39.05	-64.82	-59.24	0.81	8.00	H
	5551.02	-25.63	-13	-12.63	-47.78	-35.62	1.01	11.00	H
	7401.36	-45.66	-13	-32.66	-67.83	-57.90	1.46	13.70	H
	3700.68	-50.58	-13	-37.58	-63.65	-57.77	0.81	8.00	V
	5551.02	-17.04	-13	-4.04	-39.56	-27.03	1.01	11.00	V
	7401.36	-43.50	-13	-30.50	-65.99	-55.74	1.46	13.70	V
Middle	3755.68	-52.91	-13	-39.91	-65.68	-60.10	0.81	8.00	H
	5633.52	-22.80	-13	-9.80	-44.92	-32.79	1.01	11.00	H
	7511.36	-44.82	-13	-31.82	-66.99	-57.06	1.46	13.70	H
	3755.68	-53.66	-13	-40.66	-66.73	-60.85	0.81	8.00	V
	5633.52	-16.51	-13	-3.51	-39.05	-26.50	1.01	11.00	V
	7511.36	-42.11	-13	-29.11	-64.6	-54.35	1.46	13.70	V
Highest	3808	-53.59	-13	-40.59	-66.36	-60.78	0.81	8.00	H
	5716	-21.07	-13	-8.07	-43.38	-31.06	1.01	11.00	H
	7620	-44.27	-13	-31.27	-66.44	-56.51	1.46	13.70	H
	3808	-52.64	-13	-39.64	-65.71	-59.83	0.81	8.00	V
	5716	-17.92	-13	-4.92	-40.47	-27.91	1.01	11.00	V
	7620	-40.51	-13	-27.51	-63	-52.75	1.46	13.70	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	-52.05	-13	-39.05	-64.82	-59.24	0.81	8.00	H
	5551.77	-24.33	-13	-11.33	-46.44	-34.32	1.01	11.00	H
	7402.36	-44.92	-13	-31.92	-67.09	-57.16	1.46	13.70	H
	3701.18	-50.29	-13	-37.29	-63.36	-57.48	0.81	8.00	V
	5551.77	-16.63	-13	-3.63	-39.16	-26.62	1.01	11.00	V
	7402.36	-43.74	-13	-30.74	-66.23	-55.98	1.46	13.70	V
Middle	3751.18	-52.75	-13	-39.75	-65.52	-59.94	0.81	8.00	H
	5626.77	-22.68	-13	-9.68	-44.81	-32.67	1.01	11.00	H
	7502.36	-44.69	-13	-31.69	-66.86	-56.93	1.46	13.70	H
	3751.18	-52.56	-13	-39.56	-65.63	-59.75	0.81	8.00	V
	5626.77	-16.87	-13	-3.87	-39.39	-26.86	1.01	11.00	V
	7502.36	-41.56	-13	-28.56	-64.05	-53.80	1.46	13.70	V
Highest	3801.18	-54.18	-13	-41.18	-66.95	-61.37	0.81	8.00	H
	5701.77	-23.77	-13	-10.77	-45.82	-33.76	1.01	11.00	H
	7602.36	-44.26	-13	-31.26	-66.43	-56.50	1.46	13.70	H
	3801.18	-50.77	-13	-37.77	-63.84	-57.96	0.81	8.00	V
	5701.77	-18.75	-13	-5.75	-41.21	-28.74	1.01	11.00	V
	7602.36	-41.23	-13	-28.23	-63.72	-53.47	1.46	13.70	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	-50.81	-13	-37.81	-63.58	-58.00	0.81	8.00	H
	5552.52	-24.64	-13	-11.64	-46.81	-34.63	1.01	11.00	H
	7403.36	-46.08	-13	-33.08	-68.25	-58.32	1.46	13.70	H
	3701.68	-50.72	-13	-37.72	-63.79	-57.91	0.81	8.00	V
	5552.52	-15.89	-13	-2.89	-38.47	-25.88	1.01	11.00	V
	7403.36	-43.90	-13	-30.90	-66.39	-56.14	1.46	13.70	V
Middle	3746.68	-53.23	-13	-40.23	-66.00	-60.42	0.81	8.00	H
	5620.02	-23.85	-13	-10.85	-45.90	-33.84	1.01	11.00	H
	7493.36	-45.23	-13	-32.23	-67.40	-57.47	1.46	13.70	H
	3746.68	-53.20	-13	-40.20	-66.27	-60.39	0.81	8.00	V
	5620.02	-16.95	-13	-3.95	-39.47	-26.94	1.01	11.00	V
	7493.36	-41.45	-13	-28.45	-63.94	-53.69	1.46	13.70	V
Highest	3791.68	-52.80	-13	-39.80	-65.57	-59.99	0.81	8.00	H
	5687.52	-24.86	-13	-11.86	-47.08	-34.85	1.01	11.00	H
	7583.36	-45.68	-13	-32.68	-67.85	-57.92	1.46	13.70	H
	3791.68	-49.97	-13	-36.97	-63.04	-57.16	0.81	8.00	V
	5687.52	-18.32	-13	-5.32	-40.83	-28.31	1.01	11.00	V
	7583.36	-42.04	-13	-29.04	-64.53	-54.28	1.46	13.70	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	-50.81	-13	-37.81	-63.58	-58.00	0.81	8.00	H
	5553.27	-24.46	-13	-11.46	-46.59	-34.45	1.01	11.00	H
	7404.36	-45.11	-13	-32.11	-67.28	-57.35	1.46	13.70	H
	3702.18	-51.96	-13	-38.96	-65.03	-59.15	0.81	8.00	V
	5553.27	-15.61	-13	-2.61	-38.22	-25.60	1.01	11.00	V
	7404.36	-43.29	-13	-30.29	-65.78	-55.53	1.46	13.70	V
Middle	3742.18	-53.26	-13	-40.26	-66.03	-60.45	0.81	8.00	H
	5613.27	-24.08	-13	-11.08	-46.13	-34.07	1.01	11.00	H
	7484.36	-44.79	-13	-31.79	-66.96	-57.03	1.46	13.70	H
	3742.18	-52.62	-13	-39.62	-65.69	-59.81	0.81	8.00	V
	5613.27	-17.14	-13	-4.14	-39.66	-27.13	1.01	11.00	V
	7484.36	-42.23	-13	-29.23	-64.72	-54.47	1.46	13.70	V
Highest	3782.18	-52.80	-13	-39.80	-65.57	-59.99	0.81	8.00	H
	5673.27	-23.96	-13	-10.96	-46.00	-33.95	1.01	11.00	H
	7564.36	-46.16	-13	-33.16	-68.33	-58.40	1.46	13.70	H
	3782.18	-50.62	-13	-37.62	-63.69	-57.81	0.81	8.00	V
	5673.27	-18.04	-13	-5.04	-40.59	-28.03	1.01	11.00	V
	7564.36	-41.34	-13	-28.34	-63.83	-53.58	1.46	13.70	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	-52.65	-13	-39.65	-71.43	-64.40	0.85	12.60	H
	5130.48	-42.86	-13	-29.86	-66.15	-54.61	0.95	12.70	H
	6840.64	-43.09	-13	-30.09	-67.47	-53.61	1.18	11.70	H
	3420.32	-50.00	-13	-37.00	-71.09	-61.75	0.85	12.60	V
	5130.48	-38.54	-13	-25.54	-62.01	-50.29	0.95	12.70	V
	6840.64	-41.55	-13	-28.55	-65.86	-52.07	1.18	11.70	V
Middle	3463.74	-52.80	-13	-39.80	-71.58	-64.55	0.85	12.60	H
	5195.61	-43.38	-13	-30.38	-66.67	-55.13	0.95	12.70	H
	6927.48	-48.42	-13	-35.42	-72.80	-58.94	1.18	11.70	H
	3463.74	-50.26	-13	-37.26	-71.35	-62.01	0.85	12.60	V
	5195.61	-36.65	-13	-23.65	-60.77	-48.40	0.95	12.70	V
	6927.48	-50.11	-13	-37.11	-74.42	-60.63	1.18	11.70	V
Highest	3507.52	-51.99	-13	-38.99	-70.77	-63.74	0.85	12.60	H
	5261.28	-39.87	-13	-26.87	-63.16	-51.62	0.95	12.70	H
	7015.04	-47.43	-13	-34.43	-71.81	-57.95	1.18	11.70	H
	3507.52	-49.52	-13	-36.52	-70.61	-61.27	0.85	12.60	V
	5261.28	-29.49	-13	-16.49	-55.04	-41.24	0.95	12.70	V
	7015.04	-49.50	-13	-36.50	-73.81	-60.02	1.18	11.70	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	-52.81	-13	-39.81	-71.59	-64.56	0.85	12.60	H
	5130.72	-45.74	-13	-32.74	-69.03	-57.49	0.95	12.70	H
	6840.96	-43.68	-13	-30.68	-68.06	-54.20	1.18	11.70	H
	3420.48	-49.36	-13	-36.36	-70.45	-61.11	0.85	12.60	V
	5130.72	-38.96	-13	-25.96	-62.23	-50.71	0.95	12.70	V
	6840.96	-40.45	-13	-27.45	-65.03	-50.97	1.18	11.70	V
Middle	3462.48	-52.30	-13	-39.30	-71.08	-64.05	0.85	12.60	H
	5193.72	-44.13	-13	-31.13	-67.42	-55.88	0.95	12.70	H
	6924.96	-49.49	-13	-36.49	-73.87	-60.01	1.18	11.70	H
	3462.48	-50.73	-13	-37.73	-71.82	-62.48	0.85	12.60	V
	5193.72	-36.64	-13	-23.64	-60.76	-48.39	0.95	12.70	V
	6924.96	-50.26	-13	-37.26	-74.57	-60.78	1.18	11.70	V
Highest	3504.48	-52.56	-13	-39.56	-71.34	-64.31	0.85	12.60	H
	5256.72	-39.35	-13	-26.35	-62.64	-51.10	0.95	12.70	H
	7008.96	-48.00	-13	-35.00	-72.38	-58.52	1.18	11.70	H
	3504.48	-50.39	-13	-37.39	-71.48	-62.14	0.85	12.60	V
	5256.72	-31.85	-13	-18.85	-56.69	-43.60	0.95	12.70	V
	7008.96	-47.04	-13	-34.04	-71.35	-57.56	1.18	11.70	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	-52.16	-13	-39.16	-70.94	-63.91	0.85	12.60	H
	5131.02	-43.73	-13	-30.73	-67.02	-55.48	0.95	12.70	H
	6841.36	-38.74	-13	-25.74	-63.85	-49.26	1.18	11.70	H
	3420.68	-50.21	-13	-37.21	-71.3	-61.96	0.85	12.60	V
	5131.02	-36.75	-13	-23.75	-60.83	-48.50	0.95	12.70	V
	6841.36	-41.27	-13	-28.27	-65.58	-51.79	1.18	11.70	V
Middle	3460.68	-52.97	-13	-39.97	-71.75	-64.72	0.85	12.60	H
	5191.02	-44.33	-13	-31.33	-67.62	-56.08	0.95	12.70	H
	6921.36	-49.27	-13	-36.27	-73.65	-59.79	1.18	11.70	H
	3460.68	-50.17	-13	-37.17	-71.26	-61.92	0.85	12.60	V
	5191.02	-37.16	-13	-24.16	-61.11	-48.91	0.95	12.70	V
	6921.36	-49.92	-13	-36.92	-74.23	-60.44	1.18	11.70	V
Highest	3500.68	-52.05	-13	-39.05	-70.83	-63.80	0.85	12.60	H
	5251.02	-42.08	-13	-29.08	-65.37	-53.83	0.95	12.70	H
	7001.36	-46.22	-13	-33.22	-70.60	-56.74	1.18	11.70	H
	3500.68	-50.07	-13	-37.07	-71.16	-61.82	0.85	12.60	V
	5251.02	-28.96	-13	-15.96	-54.57	-40.71	0.95	12.70	V
	7001.36	-46.62	-13	-33.62	-70.93	-57.14	1.18	11.70	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	-52.92	-13	-39.92	-71.70	-64.67	0.85	12.60	H
	5131.77	-43.86	-13	-30.86	-67.15	-55.61	0.95	12.70	H
	6842.36	-44.67	-13	-31.67	-69.05	-55.19	1.18	11.70	H
	3421.18	-50.43	-13	-37.43	-71.52	-62.18	0.85	12.60	V
	5131.77	-36.54	-13	-23.54	-60.7	-48.29	0.95	12.70	V
	6842.36	-41.19	-13	-28.19	-65.5	-51.71	1.18	11.70	V
Middle	3456.18	-52.51	-13	-39.51	-71.29	-64.26	0.85	12.60	H
	5184.27	-41.90	-13	-28.90	-65.19	-53.65	0.95	12.70	H
	6912.36	-49.44	-13	-36.44	-73.82	-59.96	1.18	11.70	H
	3456.18	-50.38	-13	-37.38	-71.47	-62.13	0.85	12.60	V
	5184.27	-30.14	-13	-17.14	-55.61	-41.89	0.95	12.70	V
	6912.36	-49.81	-13	-36.81	-74.12	-60.33	1.18	11.70	V
Highest	3491.18	-53.10	-13	-40.10	-71.88	-64.85	0.85	12.60	H
	5236.77	-43.82	-13	-30.82	-67.11	-55.57	0.95	12.70	H
	6982.36	-46.67	-13	-33.67	-71.05	-57.19	1.18	11.70	H
	3491.18	-50.70	-13	-37.70	-71.79	-62.45	0.85	12.60	V
	5236.77	-34.80	-13	-21.80	-59.23	-46.55	0.95	12.70	V
	6982.36	-46.04	-13	-33.04	-70.35	-56.56	1.18	11.70	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	-52.81	-13	-39.81	-71.59	-64.56	0.85	12.60	H
	5132.52	-41.05	-13	-28.05	-64.34	-52.80	0.95	12.70	H
	6843.36	-44.72	-13	-31.72	-69.10	-55.24	1.18	11.70	H
	3421.68	-50.64	-13	-37.64	-71.73	-62.39	0.85	12.60	V
	5132.52	-29.33	-13	-16.33	-54.9	-41.08	0.95	12.70	V
	6843.36	-42.34	-13	-29.34	-66.65	-52.86	1.18	11.70	V
Middle	3451.68	-52.92	-13	-39.92	-71.70	-64.67	0.85	12.60	H
	5177.52	-37.96	-13	-24.96	-61.26	-49.71	0.95	12.70	H
	6903.36	-49.55	-13	-36.55	-73.93	-60.07	1.18	11.70	H
	3451.68	-50.55	-13	-37.55	-71.64	-62.30	0.85	12.60	V
	5177.52	-28.43	-13	-15.43	-54.14	-40.18	0.95	12.70	V
	6903.36	-49.19	-13	-36.19	-73.5	-59.71	1.18	11.70	V
Highest	3481.68	-53.01	-13	-40.01	-71.79	-64.76	0.85	12.60	H
	5222.52	-44.93	-13	-31.93	-68.22	-56.68	0.95	12.70	H
	6963.36	-50.90	-13	-37.90	-75.28	-61.42	1.18	11.70	H
	3481.68	-50.87	-13	-37.87	-71.96	-62.62	0.85	12.60	V
	5222.52	-33.70	-13	-20.70	-58.42	-45.45	0.95	12.70	V
	6963.36	-50.40	-13	-37.40	-74.71	-60.92	1.18	11.70	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	-52.60	-13	-39.60	-71.38	-64.35	0.85	12.60	H
	5133.27	-41.32	-13	-28.32	-64.61	-53.07	0.95	12.70	H
	6844.36	-42.86	-13	-29.86	-67.24	-53.38	1.18	11.70	H
	3422.18	-50.92	-13	-37.92	-72.01	-62.67	0.85	12.60	V
	5133.27	-31.87	-13	-18.87	-56.7	-43.62	0.95	12.70	V
	6844.36	-43.84	-13	-30.84	-68.15	-54.36	1.18	11.70	V
Middle	3447.18	-52.53	-13	-39.53	-71.31	-64.28	0.85	12.60	H
	5170.77	-37.44	-13	-24.44	-60.87	-49.19	0.95	12.70	H
	6894.36	-48.61	-13	-35.61	-72.99	-59.13	1.18	11.70	H
	3447.18	-50.48	-13	-37.48	-71.57	-62.23	0.85	12.6	V
	5170.77	-27.04	-13	-14.04	-52.93	-38.79	0.95	12.7	V
	6894.36	-48.58	-13	-35.58	-72.89	-59.10	1.18	11.7	V
Highest	3472.18	-51.60	-13	-38.60	-70.38	-63.35	0.85	12.60	H
	5208.27	-45.02	-13	-32.02	-68.31	-56.77	0.95	12.70	H
	6944.36	-49.92	-13	-36.92	-74.30	-60.44	1.18	11.70	H
	3472.18	-50.19	-13	-37.19	-71.28	-61.94	0.85	12.60	V
	5208.27	-37.58	-13	-24.58	-61.42	-49.33	0.95	12.70	V
	6944.36	-48.14	-13	-35.14	-72.45	-58.66	1.18	11.70	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	-46.70	-25	-21.70	-64.33	-55.75	0.95	10.00	H
	7501.02	-36.25	-25	-11.25	-61.87	-48.49	1.46	13.70	H
	10001.36	-44.14	-25	-19.14	-71.69	-56.03	1.31	13.20	H
	5000.68	-43.19	-25	-18.19	-61.09	-52.24	0.95	10.00	V
	7501.02	-33.54	-25	-8.54	-58.42	-45.78	1.46	13.70	V
	10001.36	-40.59	-25	-15.59	-67.07	-52.48	1.31	13.20	V
Middle	5065.68	-44.90	-25	-19.90	-62.53	-53.95	0.95	10.00	H
	7598.52	-33.76	-25	-8.76	-59.45	-46.00	1.46	13.70	H
	10131.36	-44.37	-25	-19.37	-71.92	-56.26	1.31	13.20	H
	5065.68	-40.97	-25	-15.97	-58.88	-50.02	0.95	10.00	V
	7598.52	-27.35	-25	-2.35	-54.23	-39.59	1.46	13.70	V
	10131.36	-42.03	-25	-17.03	-68.51	-53.92	1.31	13.20	V
Highest	5130.68	-43.66	-25	-18.66	-61.29	-52.71	0.95	10.00	H
	7696.02	-30.42	-25	-5.42	-57.17	-42.66	1.46	13.70	H
	10261.36	-44.64	-25	-19.64	-72.19	-56.53	1.31	13.20	H
	5130.68	-40.11	-25	-15.11	-58.1	-49.16	0.95	10.00	V
	7696.02	-30.78	-25	-5.78	-56.77	-43.02	1.46	13.70	V
	10261.36	-42.09	-25	-17.09	-68.57	-53.98	1.31	13.20	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	-46.56	-25	-21.56	-64.19	-55.61	0.95	10.00	H
	7501.77	-35.64	-25	-10.64	-61.26	-47.88	1.46	13.70	H
	10002.36	-43.35	-25	-18.35	-70.90	-55.24	1.31	13.20	H
	5001.18	-43.37	-25	-18.37	-61.27	-52.42	0.95	10.00	V
	7501.77	-31.35	-25	-6.35	-57.14	-43.59	1.46	13.70	V
	10002.36	-41.09	-25	-16.09	-67.57	-52.98	1.31	13.20	V
Middle	5061.18	-45.56	-25	-20.56	-63.19	-54.61	0.95	10.00	H
	7591.77	-31.61	-25	-6.61	-58.23	-43.85	1.46	13.70	H
	10122.36	-44.87	-25	-19.87	-72.42	-56.76	1.31	13.20	H
	5061.18	-41.35	-25	-16.35	-59.25	-50.40	0.95	10.00	V
	7591.77	-29.72	-25	-4.72	-56.02	-41.96	1.46	13.70	V
	10122.36	-42.24	-25	-17.24	-68.72	-54.13	1.31	13.20	V
Highest	5121.18	-44.19	-25	-19.19	-61.82	-53.24	0.95	10.00	H
	7681.77	-34.36	-25	-9.36	-59.98	-46.60	1.46	13.70	H
	10242.36	-44.62	-25	-19.62	-72.17	-56.51	1.31	13.20	H
	5121.18	-36.15	-25	-11.15	-55.59	-45.20	0.95	10.00	V
	7681.77	-30.30	-25	-5.30	-56.49	-42.54	1.46	13.70	V
	10242.36	-42.23	-25	-17.23	-68.71	-54.12	1.31	13.20	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	-45.57	-25	-20.57	-63.20	-54.62	0.95	10.00	H
	7502.52	-36.86	-25	-11.86	-62.48	-49.10	1.46	13.70	H
	10003.36	-43.93	-25	-18.93	-71.48	-55.82	1.31	13.20	H
	5001.68	-42.05	-25	-17.05	-59.95	-51.10	0.95	10.00	V
	7502.52	-32.48	-25	-7.48	-57.8	-44.72	1.46	13.70	V
	10003.36	-41.16	-25	-16.16	-67.64	-53.05	1.31	13.20	V
Middle	5056.68	-44.76	-25	-19.76	-62.39	-53.81	0.95	10.00	H
	7585.02	-33.47	-25	-8.47	-59.25	-45.71	1.46	13.70	H
	10131.36	-44.24	-25	-19.24	-71.79	-56.13	1.31	13.20	H
	5056.68	-42.30	-25	-17.30	-60.2	-51.35	0.95	10.00	V
	7585.02	-36.01	-25	-11.01	-60.34	-48.25	1.46	13.70	V
	10131.36	-45.45	-25	-20.45	-71.93	-57.34	1.31	13.20	V
Highest	5111.68	-44.69	-25	-19.69	-62.32	-53.74	0.95	10.00	H
	7667.52	-30.76	-25	-5.76	-57.58	-43.00	1.46	13.70	H
	10223.36	-45.00	-25	-20.00	-72.55	-56.89	1.31	13.20	H
	5111.68	-41.72	-25	-16.72	-59.62	-50.77	0.95	10.00	V
	7667.52	-34.03	-25	-9.03	-58.76	-46.27	1.46	13.70	V
	10223.36	-41.72	-25	-16.72	-68.2	-53.61	1.31	13.20	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	-43.50	-25	-18.50	-61.13	-52.55	0.95	10.00	H
	7503.27	-35.29	-25	-10.29	-60.91	-47.53	1.46	13.70	H
	10004.36	-43.22	-25	-18.22	-70.77	-55.11	1.31	13.20	H
	5002.18	-43.81	-25	-18.81	-61.71	-52.86	0.95	10.00	V
	7503.27	-35.01	-25	-10.01	-59.34	-47.25	1.46	13.70	V
	10004.36	-43.36	-25	-18.36	-69.84	-55.25	1.31	13.20	V
Middle	5052.18	-45.73	-25	-20.73	-63.36	-54.78	0.95	10.00	H
	7578.27	-34.86	-25	-9.86	-60.48	-47.10	1.46	13.70	H
	10104.36	-44.12	-25	-19.12	-71.67	-56.01	1.31	13.20	H
	5052.18	-42.33	-25	-17.33	-60.23	-51.38	0.95	10.00	V
	7578.27	-34.84	-25	-9.84	-59.24	-47.08	1.46	13.70	V
	10104.36	-42.19	-25	-17.19	-68.67	-54.08	1.31	13.20	V
Highest	5102.18	-45.06	-25	-20.06	-62.69	-54.11	0.95	10.00	H
	7653.27	-33.85	-25	-8.85	-59.52	-46.09	1.46	13.70	H
	10204.36	-43.77	-25	-18.77	-71.32	-55.66	1.31	13.20	H
	5102.18	-40.94	-25	-15.94	-58.85	-49.99	0.95	10.00	V
	7653.27	-33.12	-25	-8.12	-58.12	-45.36	1.46	13.70	V
	10204.36	-42.43	-25	-17.43	-68.91	-54.32	1.31	13.20	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	1399	-35.76	-13	-22.76	-47.45	-42.44	0.57	9.40	H
	2098.5	-57.93	-13	-44.93	-70.21	-65.64	0.74	10.60	H
	2798	-39.04	-13	-26.04	-57.69	-48.64	0.85	12.60	H
	3497.5	-39.77	-13	-26.77	-59.94	-49.33	0.89	12.60	H
	4197	-48.47	-13	-35.47	-68.54	-58.08	0.94	12.70	H
	1399	-32.70	-13	-19.70	-43.80	-39.38	0.57	9.40	V
	2098.5	-59.33	-13	-46.33	-70.83	-67.04	0.74	10.60	V
	2798	-34.64	-13	-21.64	-54.06	-44.24	0.85	12.60	V
	3497.5	-44.09	-13	-31.09	-62.46	-53.65	0.89	12.60	V
	4197	-46.33	-13	-33.33	-65.95	-55.94	0.94	12.70	V
Middle	1414	-50.76	-13	-37.76	-59.53	-57.44	0.57	9.40	H
	2121	-58.67	-13	-45.67	-70.95	-66.38	0.74	10.60	H
	2828	-34.00	-13	-21.00	-53.60	-43.60	0.85	12.60	H
	3535	-41.47	-13	-28.47	-60.94	-51.03	0.89	12.60	H
	4242	-48.33	-13	-35.33	-68.40	-57.94	0.94	12.70	H
	1414	-48.38	-13	-35.38	-57.57	-55.06	0.57	9.40	V
	2121	-59.15	-13	-46.15	-70.65	-66.86	0.74	10.60	V
	2828	-32.05	-13	-19.05	-51.82	-41.65	0.85	12.60	V
	3535	-44.17	-13	-31.17	-62.54	-53.73	0.89	12.60	V
	4242	-47.37	-13	-34.37	-66.99	-56.98	0.94	12.70	V
Highest	1429	-51.04	-13	-38.04	-59.74	-57.72	0.57	9.40	H
	2143.5	-58.48	-13	-45.48	-70.76	-66.19	0.74	10.60	H
	2858	-34.32	-13	-21.32	-53.87	-43.92	0.85	12.60	H
	3572.5	-45.62	-13	-32.62	-63.51	-55.18	0.89	12.60	H
	4287	-49.73	-13	-36.73	-69.80	-59.34	0.94	12.70	H
	1429	-47.54	-13	-34.54	-56.95	-54.22	0.57	9.40	V
	2143.5	-60.17	-13	-47.17	-71.67	-67.88	0.74	10.60	V
	2858	-31.31	-13	-18.31	-51.08	-40.91	0.85	12.60	V
	3572.5	-45.31	-13	-32.31	-63.37	-54.87	0.89	12.60	V
	4287	-49.15	-13	-36.15	-68.77	-58.76	0.94	12.70	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	-35.72	-13	-22.72	-47.42	-42.40	0.57	9.40	H
	2097	-57.79	-13	-44.79	-70.07	-65.50	0.74	10.60	H
	2796	-37.43	-13	-24.43	-56.38	-47.03	0.85	12.60	H
	3495	-45.45	-13	-32.45	-63.34	-55.01	0.89	12.60	H
	4194	-48.90	-13	-35.90	-68.97	-58.51	0.94	12.70	H
	1398	-31.71	-13	-18.71	-42.89	-38.39	0.57	9.40	V
	2097	-59.01	-13	-46.01	-70.51	-66.72	0.74	10.60	V
	2796	-34.58	-13	-21.58	-54.00	-44.18	0.85	12.60	V
	3495	-42.64	-13	-29.64	-61.75	-52.20	0.89	12.60	V
	4194	-47.93	-13	-34.93	-67.55	-57.54	0.94	12.70	V
Middle	1412	-52.65	-13	-39.65	-60.85	-59.33	0.57	9.40	H
	2118	-58.94	-13	-45.94	-71.22	-66.65	0.74	10.60	H
	2824	-35.13	-13	-22.13	-54.54	-44.73	0.85	12.60	H
	3530	-45.04	-13	-32.04	-62.93	-54.60	0.89	12.60	H
	4236	-47.80	-13	-34.80	-67.87	-57.41	0.94	12.70	H
	1412	-46.39	-13	-33.39	-56.16	-53.07	0.57	9.40	V
	2118	-59.10	-13	-46.10	-70.60	-66.81	0.74	10.60	V
	2824	-31.93	-13	-18.93	-51.70	-41.53	0.85	12.60	V
	3530	-39.77	-13	-26.77	-60.01	-49.33	0.89	12.60	V
	4236	-48.82	-13	-35.82	-68.44	-58.43	0.94	12.70	V
Highest	1426	-48.82	-13	-35.82	-58.27	-55.50	0.57	9.40	H
	2139	-58.88	-13	-45.88	-71.16	-66.59	0.74	10.60	H
	2852	-39.36	-13	-26.36	-58.01	-48.96	0.85	12.60	H
	3565	-47.95	-13	-34.95	-65.84	-57.51	0.89	12.60	H
	4278	-50.91	-13	-37.91	-70.98	-60.52	0.94	12.70	H
	1426	-46.21	-13	-33.21	-56.05	-52.89	0.57	9.40	V
	2139	-59.42	-13	-46.42	-70.92	-67.13	0.74	10.60	V
	2852	-33.52	-13	-20.52	-53.06	-43.12	0.85	12.60	V
	3565	-48.63	-13	-35.63	-66.11	-58.19	0.89	12.60	V
	4278	-49.82	-13	-36.82	-69.44	-59.43	0.94	12.70	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	1399.2	-35.33	-13	-22.33	-47.06	-42.01	0.57	9.40	H
	2098.8	-57.93	-13	-44.93	-70.21	-65.64	0.74	10.60	H
	2798.4	-38.68	-13	-25.68	-57.39	-48.28	0.85	12.60	H
	3498	-45.70	-13	-32.70	-63.59	-55.26	0.89	12.60	H
	4197.6	-48.15	-13	-35.15	-68.22	-57.76	0.94	12.70	H
	1399.2	-31.61	-13	-18.61	-42.79	-38.29	0.57	9.40	V
	2098.8	-58.96	-13	-45.96	-70.46	-66.67	0.74	10.60	V
	2798.4	-35.13	-13	-22.13	-54.55	-44.73	0.85	12.60	V
	3498	-42.61	-13	-29.61	-61.72	-52.17	0.89	12.60	V
	4197.6	-47.93	-13	-34.93	-67.55	-57.54	0.94	12.70	V
Middle	1410.6	-48.56	-13	-35.56	-58.05	-55.24	0.57	9.40	H
	2115.9	-58.72	-13	-45.72	-71.00	-66.43	0.74	10.60	H
	2821.2	-35.66	-13	-22.66	-54.97	-45.26	0.85	12.60	H
	3526.5	-43.85	-13	-30.85	-62.20	-53.41	0.89	12.60	H
	4231.8	-47.02	-13	-34.02	-67.09	-56.63	0.94	12.70	H
	1410.6	-44.75	-13	-31.75	-54.61	-51.43	0.57	9.40	V
	2115.9	-58.51	-13	-45.51	-70.01	-66.22	0.74	10.60	V
	2821.2	-32.12	-13	-19.12	-51.88	-41.72	0.85	12.60	V
	3526.5	-40.86	-13	-27.86	-60.80	-50.42	0.89	12.60	V
	4231.8	-47.09	-13	-34.09	-66.71	-56.70	0.94	12.70	V
Highest	1423	-45.93	-13	-32.93	-56.11	-52.61	0.57	9.40	H
	2134.5	-57.97	-13	-44.97	-70.25	-65.68	0.74	10.60	H
	2846	-39.72	-13	-26.72	-58.36	-49.32	0.85	12.60	H
	3557.5	-46.56	-13	-33.56	-64.45	-56.12	0.89	12.60	H
	1423	-42.85	-13	-29.85	-53.08	-49.53	0.57	9.40	V
	2134.5	-59.66	-13	-46.66	-71.16	-67.37	0.74	10.60	V
	2846	-37.09	-13	-24.09	-56.17	-46.69	0.85	12.60	V
	3557.5	-47.23	-13	-34.23	-64.71	-56.79	0.89	12.60	V

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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	1399.4	-35.89	-13	-22.89	-47.57	-42.57	0.57	9.40	H
	2099.1	-58.41	-13	-45.41	-70.69	-66.12	0.74	10.60	H
	2798.8	-39.00	-13	-26.00	-57.65	-48.60	0.85	12.60	H
	3498.5	-46.16	-13	-33.16	-64.05	-55.72	0.89	12.60	H
	4198.2	-48.67	-13	-35.67	-68.74	-58.28	0.94	12.70	H
	1399.4	-33.39	-13	-20.39	-44.44	-40.07	0.57	9.40	V
	2099.1	-59.75	-13	-46.75	-71.25	-67.46	0.74	10.60	V
	2798.8	-36.52	-13	-23.52	-55.76	-46.12	0.85	12.60	V
	3498.5	-44.51	-13	-31.51	-62.86	-54.07	0.89	12.60	V
	4198.2	-48.15	-13	-35.15	-67.77	-57.76	0.94	12.70	V
Middle	1406.4	-43.87	-13	-30.87	-54.59	-50.55	0.57	9.40	H
	2109.6	-56.87	-13	-43.87	-69.15	-64.58	0.74	10.60	H
	2812.8	-36.85	-13	-23.85	-55.92	-46.45	0.85	12.60	H
	3516	-47.70	-13	-34.70	-65.59	-57.26	0.89	12.60	H
	4219.2	-47.66	-13	-34.66	-67.73	-57.27	0.94	12.70	H
	1406.4	-38.52	-13	-25.52	-49.29	-45.20	0.57	9.40	V
	2109.6	-59.30	-13	-46.30	-70.80	-67.01	0.74	10.60	V
	2812.8	-33.43	-13	-20.43	-52.99	-43.03	0.85	12.60	V
	3516	-46.42	-13	-33.42	-63.90	-55.98	0.89	12.60	V
	4219.2	-48.06	-13	-35.06	-67.68	-57.67	0.94	12.70	V
Highest	1413.4	-51.70	-13	-38.70	-60.01	-58.38	0.57	9.40	H
	2120.1	-58.68	-13	-45.68	-70.96	-66.39	0.74	10.60	H
	2826.8	-34.13	-13	-21.13	-53.71	-43.73	0.85	12.60	H
	3533.5	-44.72	-13	-31.72	-62.71	-54.28	0.89	12.60	H
	4240.2	-48.13	-13	-35.13	-68.20	-57.74	0.94	12.70	H
	1413.4	-45.95	-13	-32.95	-55.86	-52.63	0.57	9.40	V
	2120.1	-59.63	-13	-46.63	-71.13	-67.34	0.74	10.60	V
	2826.8	-31.47	-13	-18.47	-51.24	-41.07	0.85	12.60	V
	3533.5	-42.51	-13	-29.51	-61.64	-52.07	0.89	12.60	V
	4240.2	-47.47	-13	-34.47	-67.09	-57.08	0.94	12.70	V

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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	-45.90	-13	-32.90	-56.08	-52.58	0.57	9.40	H
	2113.02	-56.37	-13	-43.37	-68.65	-64.08	0.74	10.60	H
	2817.36	-35.40	-13	-22.40	-54.76	-45.00	0.85	12.60	H
	3523	-45.04	-13	-32.04	-62.93	-54.60	0.89	12.60	H
	4228	-51.28	-13	-38.28	-71.35	-60.89	0.94	12.70	H
	4932	-50.82	-13	-37.82	-72.67	-60.56	1.11	13.00	H
	1408.68	-43.13	-13	-30.13	-53.31	-49.81	0.57	9.40	V
	2113.02	-57.27	-13	-44.27	-68.77	-64.98	0.74	10.60	V
	2817.36	-33.34	-13	-20.34	-52.93	-42.94	0.85	12.60	V
	3523	-46.57	-13	-33.57	-64.05	-56.13	0.89	12.60	V
	4228	-49.87	-13	-36.87	-69.49	-59.48	0.94	12.70	V
	4932	-51.27	-13	-38.27	-71.50	-61.01	1.11	13.00	V
Middle	1415.68	-46.49	-13	-33.49	-56.55	-53.17	0.57	9.40	H
	2123.58	-57.99	-13	-44.99	-70.27	-65.70	0.74	10.60	H
	2831.36	-31.93	-13	-18.93	-51.82	-41.53	0.85	12.60	H
	3538	-36.65	-13	-23.65	-57.50	-46.21	0.89	12.60	H
	4248	-46.98	-13	-33.98	-67.05	-56.59	0.94	12.70	H
	1415.68	-45.03	-13	-32.03	-54.81	-51.71	0.57	9.40	V
	2123.58	-59.97	-13	-46.97	-71.47	-67.68	0.74	10.60	V
	2831.36	-32.19	-13	-19.19	-51.95	-41.79	0.85	12.60	V
	3538	-41.72	-13	-28.72	-61.13	-51.28	0.89	12.60	V
	4248	-46.12	-13	-33.12	-65.74	-55.73	0.94	12.70	V
Highest	1422.68	-42.65	-13	-29.65	-53.45	-49.33	0.57	9.40	H
	2134.02	-57.55	-13	-44.55	-69.83	-65.26	0.74	10.60	H
	2845.36	-39.79	-13	-26.79	-58.43	-49.39	0.85	12.60	H
	3556	-43.50	-13	-30.50	-62.10	-53.06	0.89	12.60	H
	1422.68	-42.22	-13	-29.22	-52.64	-48.90	0.57	9.40	V
	2134.02	-55.83	-13	-42.83	-67.33	-63.54	0.74	10.60	V
	2845.36	-38.37	-13	-25.37	-57.24	-47.97	0.85	12.60	V
	3556	-45.75	-13	-32.75	-63.44	-55.31	0.89	12.60	V

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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	-48.23	-13	-35.23	-57.78	-54.91	0.57	9.40	H
	2113.77	-48.08	-13	-35.08	-61.86	-55.79	0.74	10.60	H
	2818.36	-38.70	-13	-25.70	-57.41	-48.30	0.85	12.60	H
	3523	-49.16	-13	-36.16	-67.05	-58.72	0.89	12.60	H
	4228	-47.14	-13	-34.14	-67.21	-56.75	0.94	12.70	H
	4932	-51.07	-13	-38.07	-72.92	-60.81	1.11	13.00	H
	1409.18	-43.00	-13	-30.00	-53.18	-49.68	0.57	9.40	V
	2113.77	-51.83	-13	-38.83	-64.13	-59.54	0.74	10.60	V
	2818.36	-30.77	-13	-17.77	-50.59	-40.37	0.85	12.60	V
	3523	-40.34	-13	-27.34	-60.45	-49.90	0.89	12.60	V
	4228	-46.90	-13	-33.90	-66.52	-56.51	0.94	12.70	V
	4932	-49.39	-13	-36.39	-69.62	-59.13	1.11	13.00	V
Middle	1411.18	-52.50	-13	-39.50	-60.69	-59.18	0.57	9.40	H
	2116.77	-50.32	-13	-37.32	-63.22	-58.03	0.74	10.60	H
	2822.36	-37.89	-13	-24.89	-56.75	-47.49	0.85	12.60	H
	3529	-46.82	-13	-33.82	-64.71	-56.38	0.89	12.60	H
	4232	-47.19	-13	-34.19	-67.26	-56.80	0.94	12.70	H
	4940	-50.88	-13	-37.88	-72.73	-60.62	1.11	13.00	H
	1411.18	-45.67	-13	-32.67	-55.54	-52.35	0.57	9.40	V
	2116.77	-54.12	-13	-41.12	-65.62	-61.83	0.74	10.60	V
	2822.36	-30.48	-13	-17.48	-50.36	-40.08	0.85	12.60	V
	3529	-39.00	-13	-26.00	-59.29	-48.56	0.89	12.60	V
	4232	-46.96	-13	-33.96	-66.58	-56.57	0.94	12.70	V
	4940	-50.62	-13	-37.62	-70.85	-60.36	1.11	13.00	V
Highest	1413.18	-52.83	-13	-39.83	-61.05	-59.51	0.57	9.40	H
	2119.77	-53.17	-13	-40.17	-65.45	-60.88	0.74	10.60	H
	2826.36	-36.67	-13	-23.67	-55.78	-46.27	0.85	12.60	H
	3532	-45.98	-13	-32.98	-63.87	-55.54	0.89	12.60	H
	4240	-46.53	-13	-33.53	-66.60	-56.14	0.94	12.70	H
	4948	-49.93	-13	-36.93	-71.78	-59.67	1.11	13.00	H
	1413.18	-47.39	-13	-34.39	-56.84	-54.07	0.57	9.40	V
	2119.77	-55.27	-13	-42.27	-66.77	-62.98	0.74	10.60	V
	2826.36	-28.71	-13	-15.71	-48.78	-38.31	0.85	12.60	V
	3532	-38.59	-13	-25.59	-59.06	-48.15	0.89	12.60	V
	4240	-45.38	-13	-32.38	-65.00	-54.99	0.94	12.70	V
	4948	-50.05	-13	-37.05	-70.28	-59.79	1.11	13.00	V

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