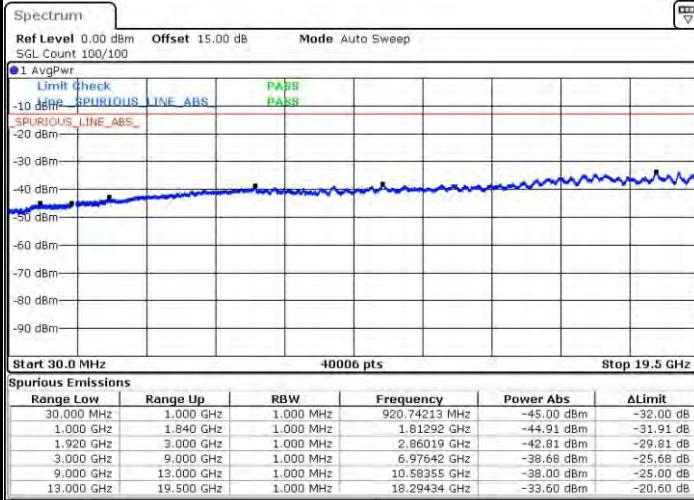




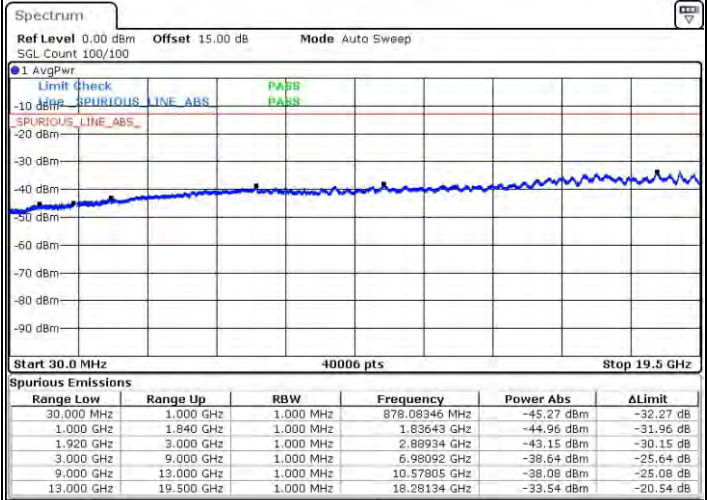
## LTE Band 2 / 1.4MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 19:22:25

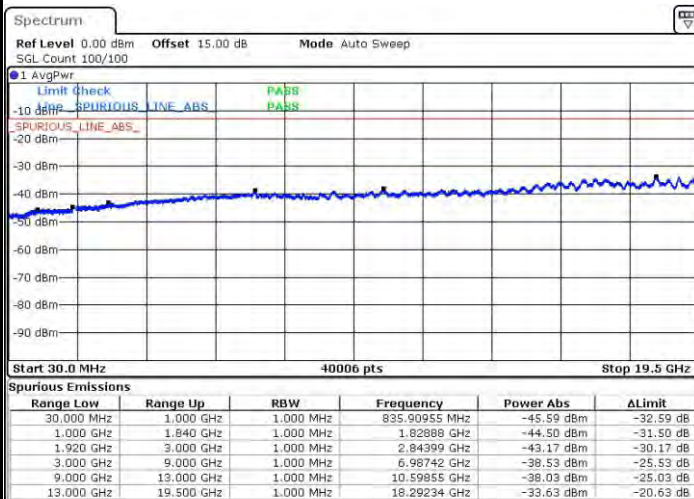
## Highest Channel / 16QAM



Date: 24.AUG.2015 19:23:38

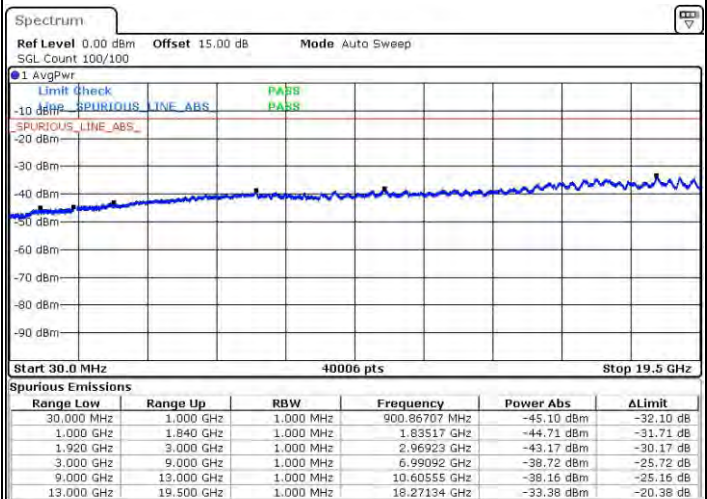
## LTE Band 2 / 3MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 19:30:21

## Lowest Channel / 16QAM

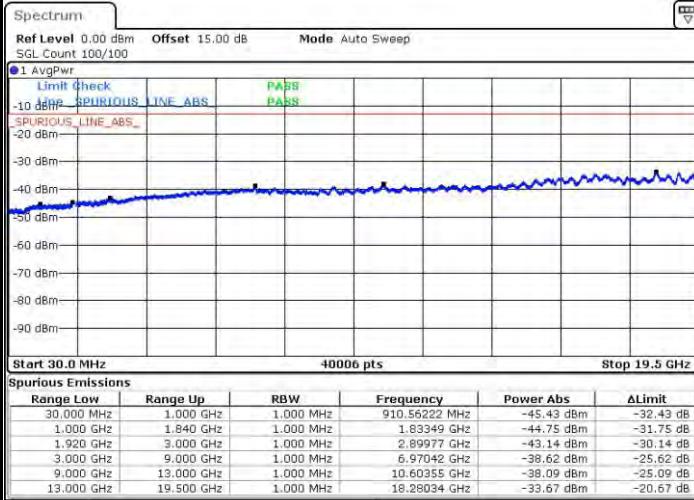


Date: 24.AUG.2015 19:31:38



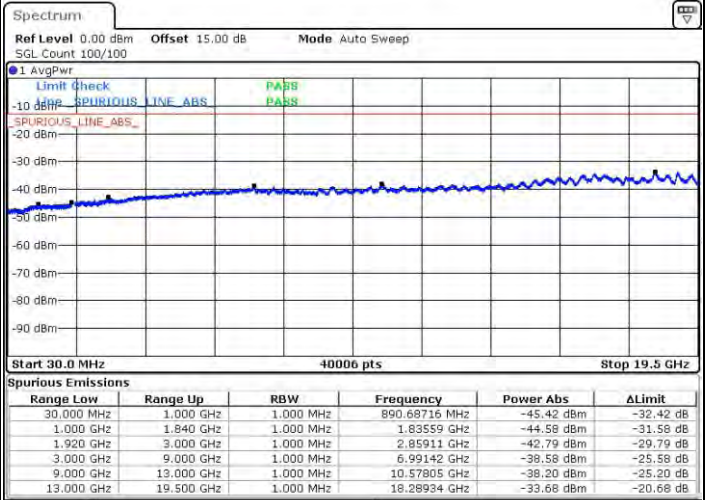
## LTE Band 2 / 3MHz

## Middle Channel / QPSK



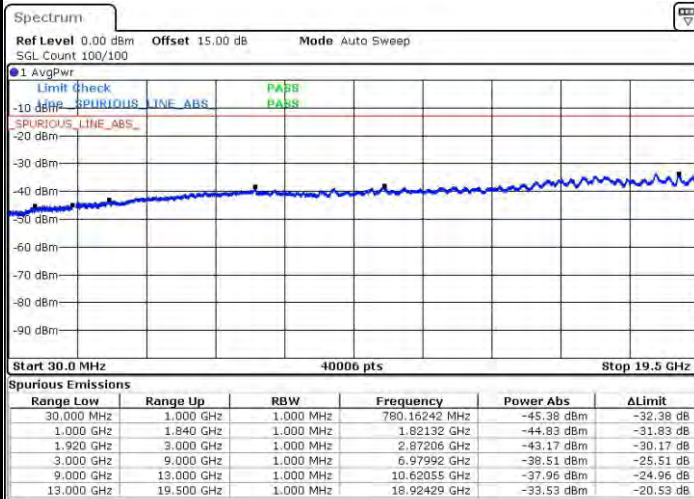
Date: 24.AUG.2015 19:33:34

## Middle Channel / 16QAM



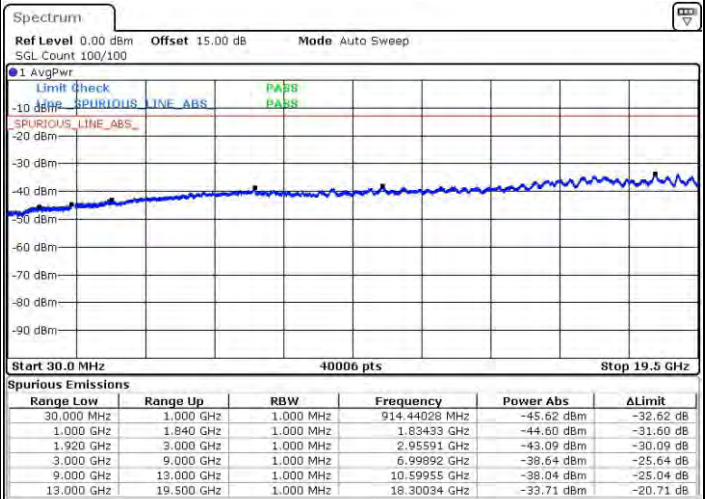
Date: 24.AUG.2015 19:34:46

## Highest Channel / QPSK



Date: 24.AUG.2015 19:41:29

## Highest Channel / 16QAM

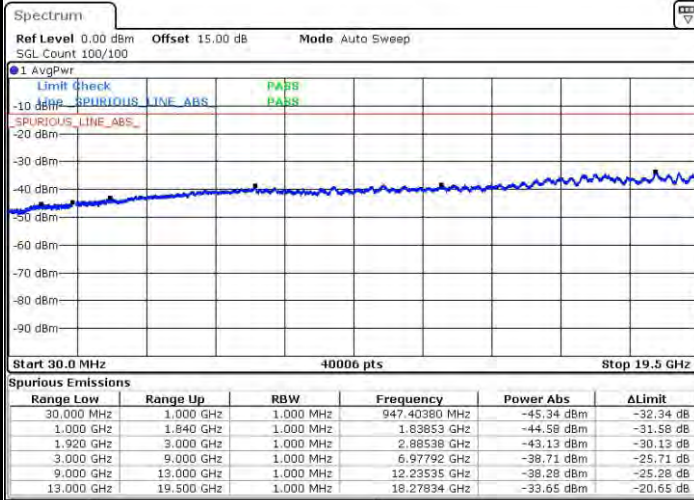


Date: 24.AUG.2015 19:42:42



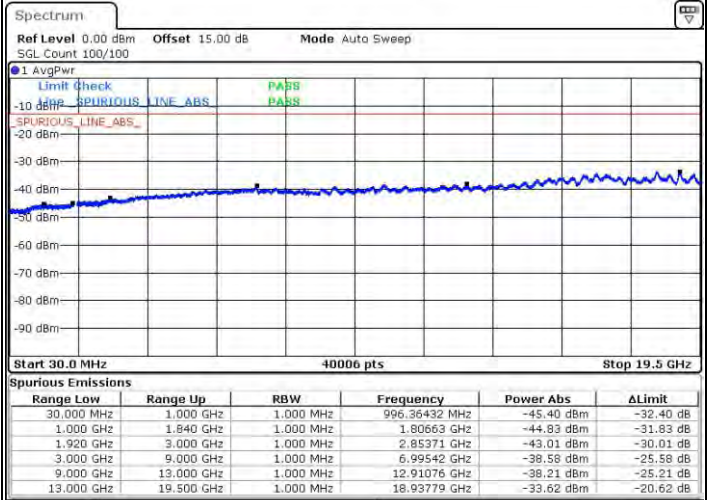
## LTE Band 2 / 5MHz

## Lowest Channel / QPSK



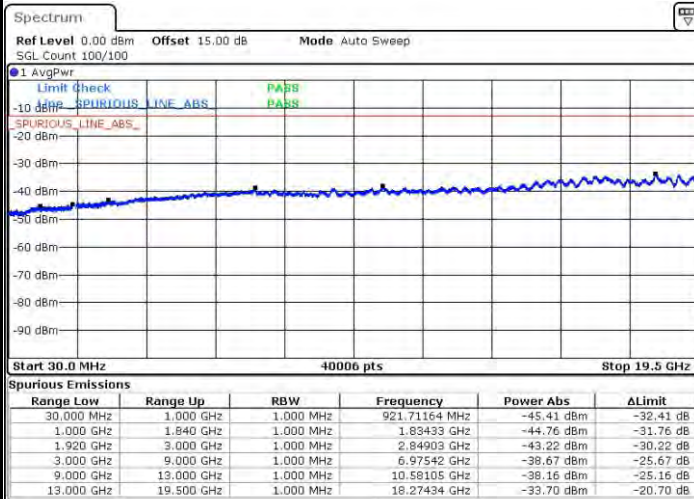
Date: 24.AUG.2015 19:49:24

## Lowest Channel / 16QAM



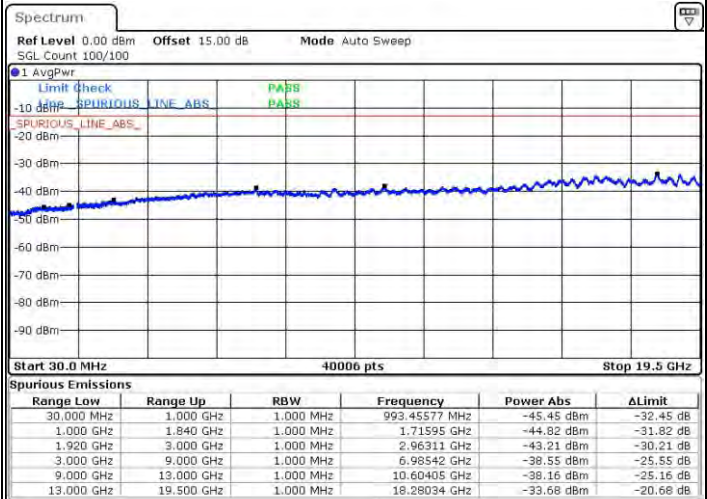
Date: 24.AUG.2015 19:50:37

## Middle Channel / QPSK



Date: 24.AUG.2015 19:52:37

## Middle Channel / 16QAM



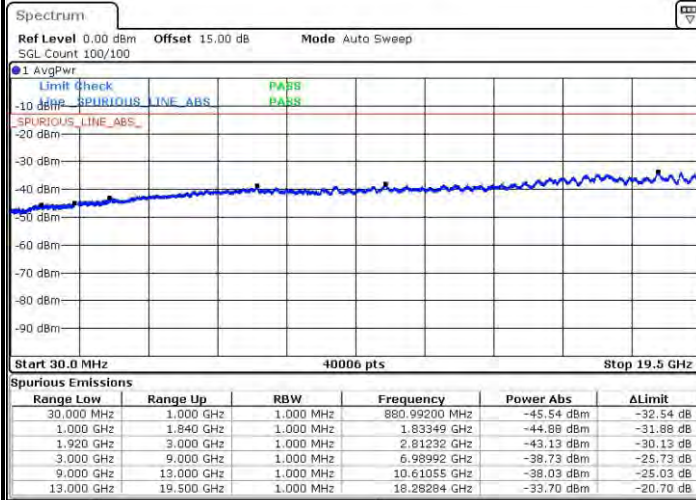
Date: 24.AUG.2015 19:53:49





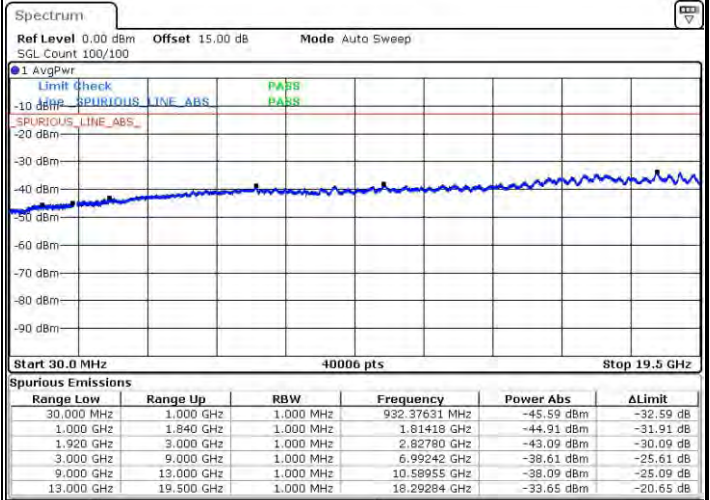
## LTE Band 2 / 5MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 20:00:32

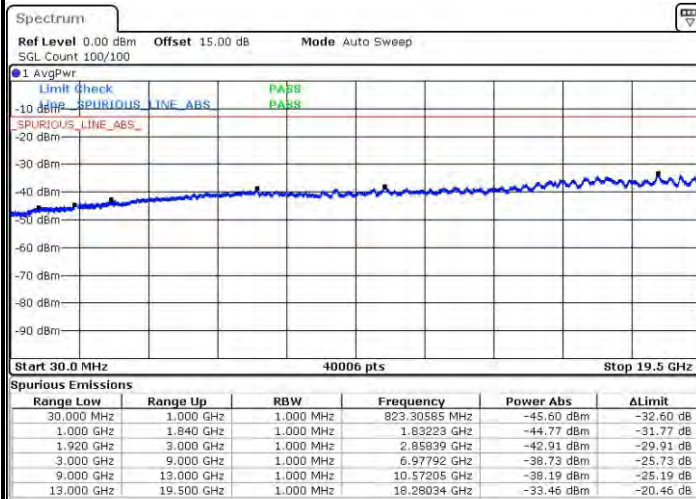
## Highest Channel / 16QAM



Date: 24.AUG.2015 20:01:44

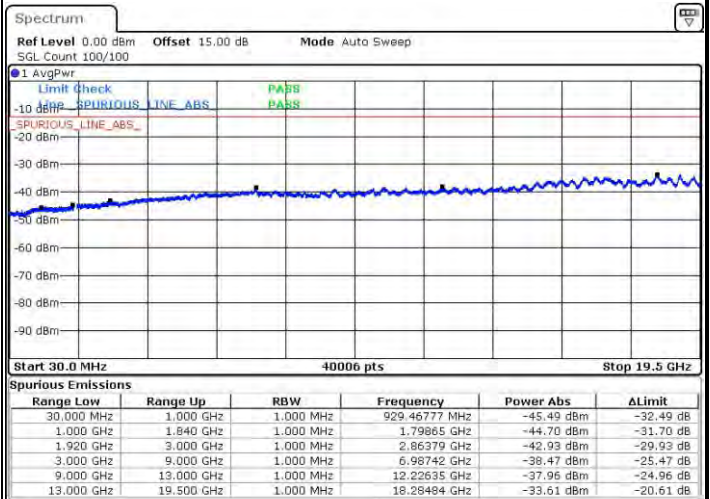
## LTE Band 2 / 10MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 20:08:26

## Lowest Channel / 16QAM

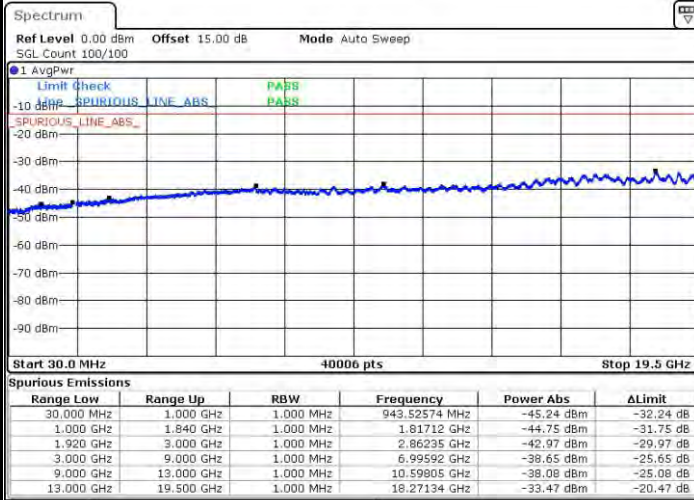


Date: 24.AUG.2015 20:09:39



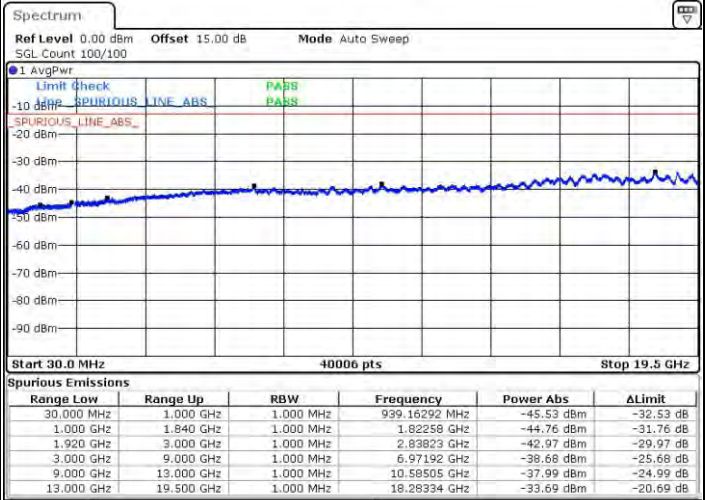
## LTE Band 2 / 10MHz

## Middle Channel / QPSK



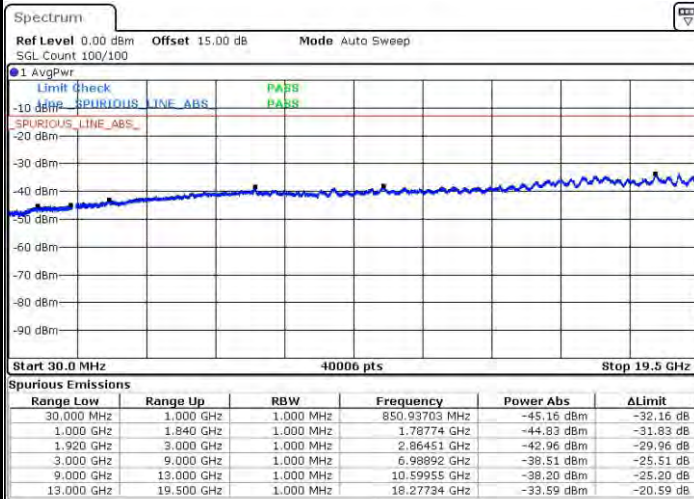
Date: 24.AUG.2015 20:11:39

## Middle Channel / 16QAM



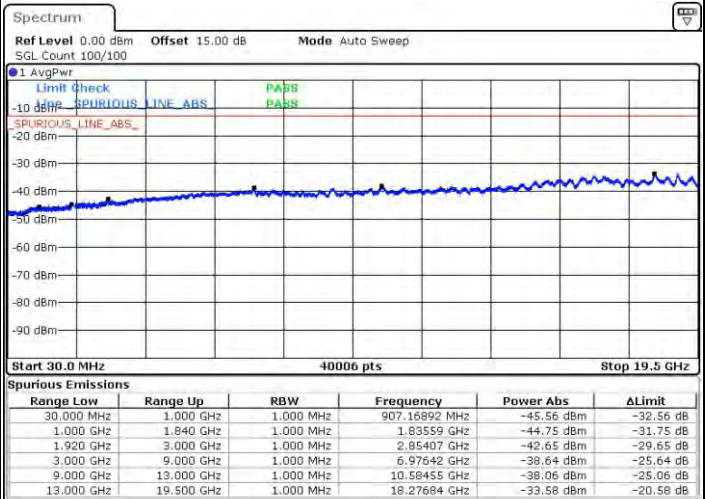
Date: 24.AUG.2015 20:12:51

## Highest Channel / QPSK



Date: 24.AUG.2015 20:19:33

## Highest Channel / 16QAM

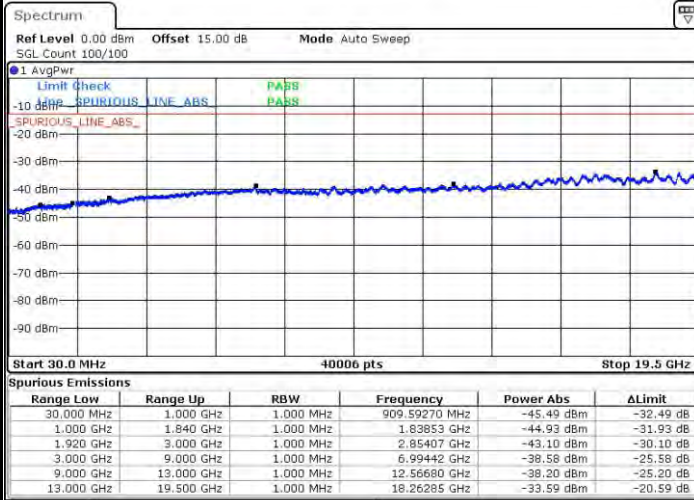


Date: 24.AUG.2015 20:20:46



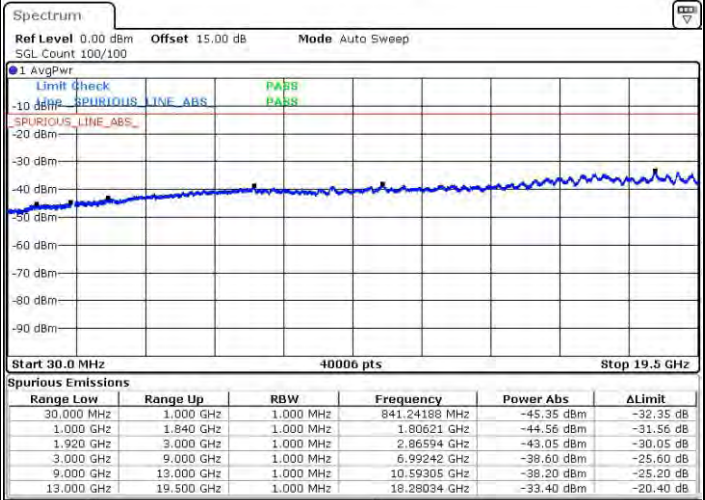
## LTE Band 2 / 15MHz

## Lowest Channel / QPSK



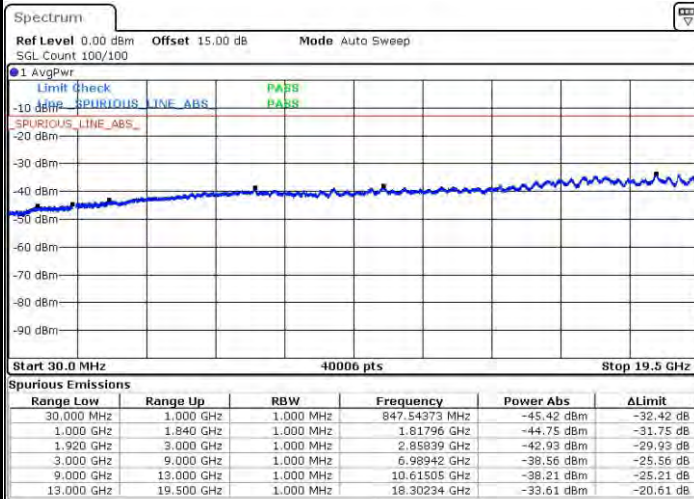
Date: 24.AUG.2015 20:27:28

## Lowest Channel / 16QAM



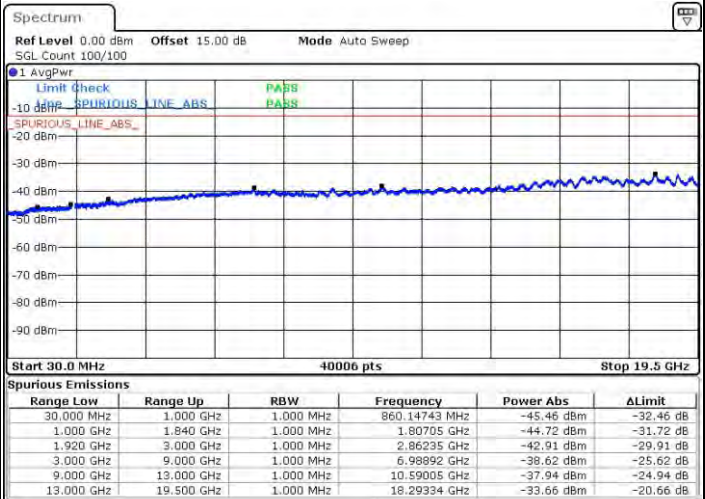
Date: 24.AUG.2015 20:28:40

## Middle Channel / QPSK



Date: 24.AUG.2015 20:30:40

## Middle Channel / 16QAM



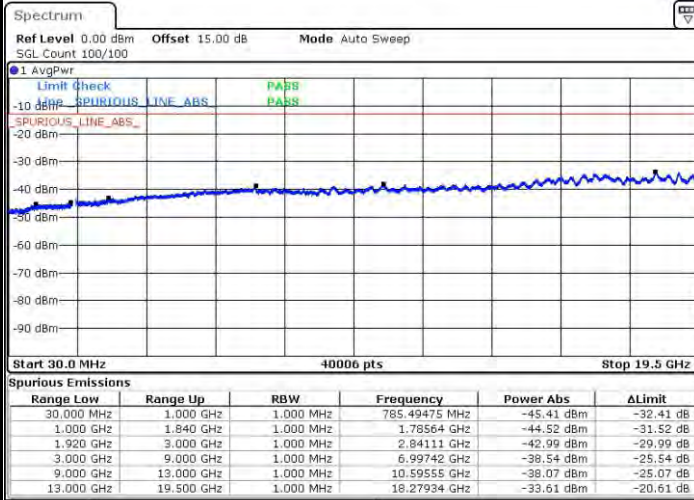
Date: 24.AUG.2015 20:31:33





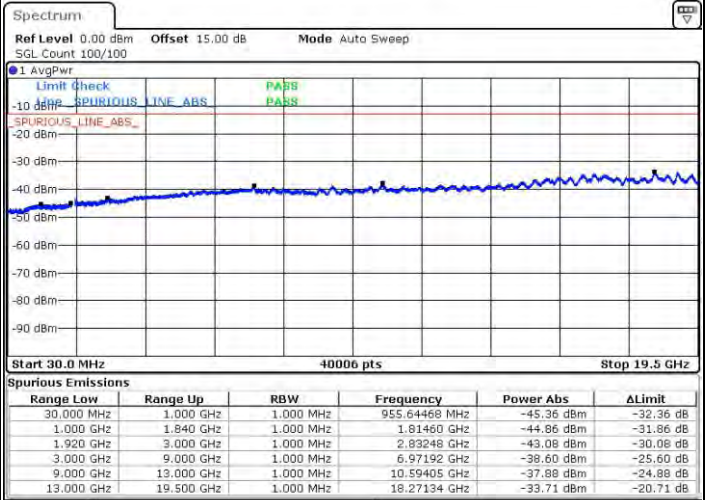
## LTE Band 2 / 15MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 20:38:34

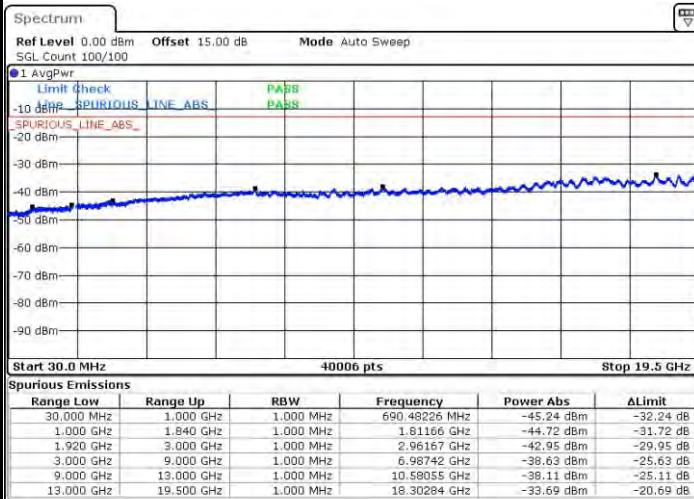
## Highest Channel / 16QAM



Date: 24.AUG.2015 20:39:47

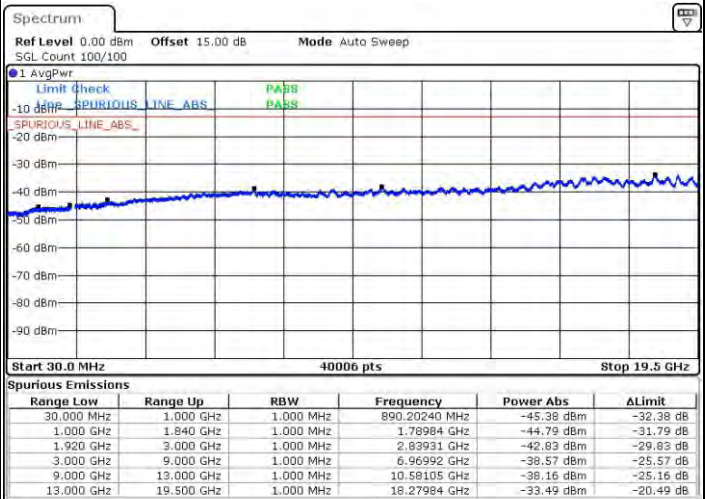
## LTE Band 2 / 20MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 20:46:28

## Lowest Channel / 16QAM

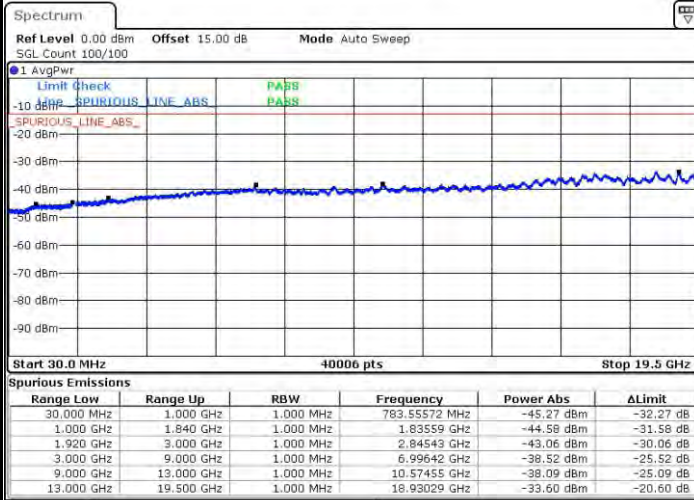


Date: 24.AUG.2015 20:47:41



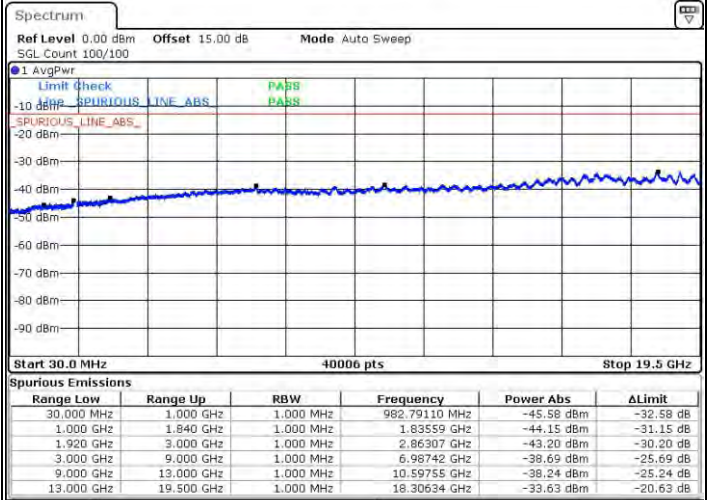
## LTE Band 2 / 20MHz

## Middle Channel / QPSK



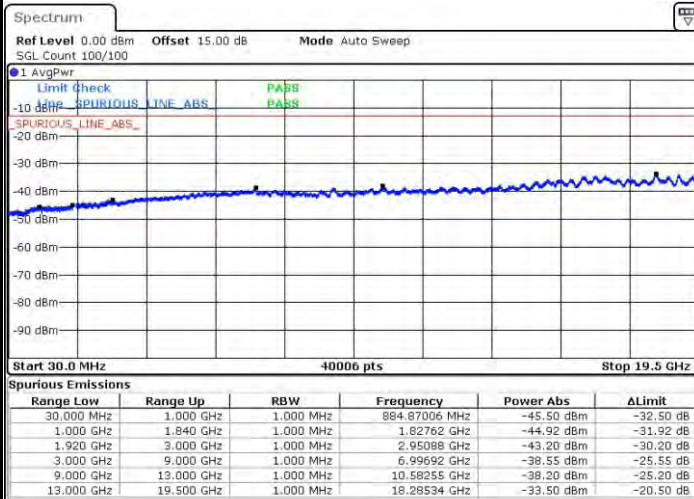
Date: 24.AUG.2015 20:49:40

## Middle Channel / 16QAM



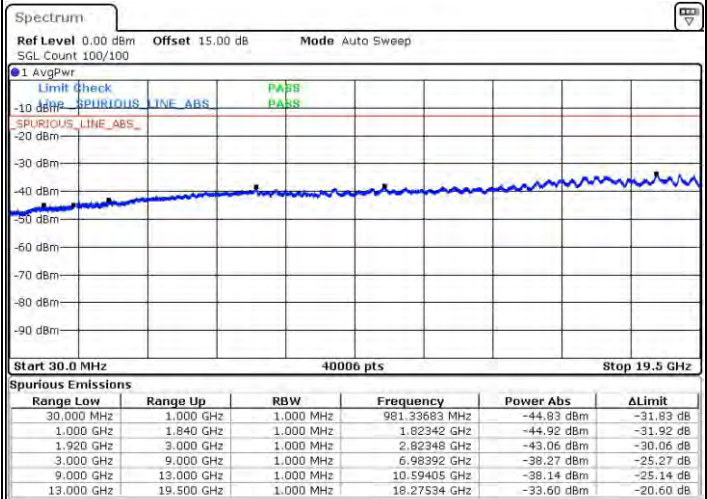
Date: 24.AUG.2015 20:50:53

## Highest Channel / QPSK



Date: 24.AUG.2015 20:57:34

## Highest Channel / 16QAM



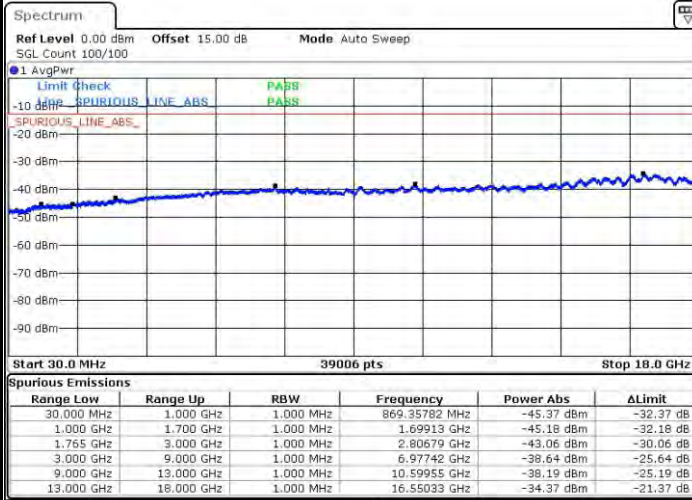
Date: 24.AUG.2015 20:58:46





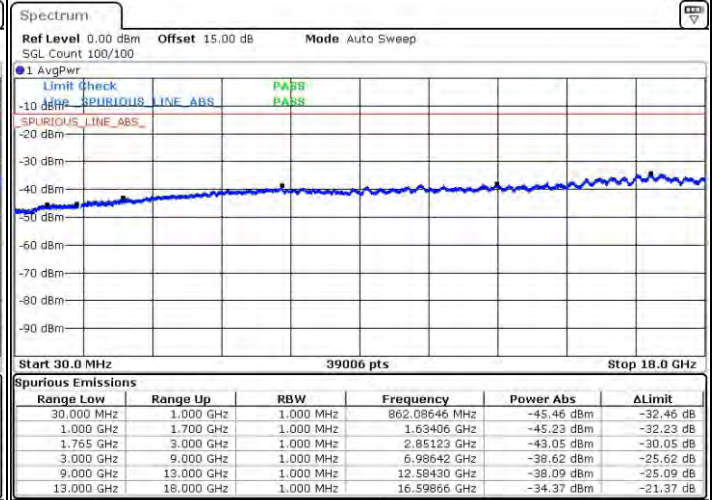
## LTE Band 4 / 1.4MHz

## Lowest Channel / QPSK



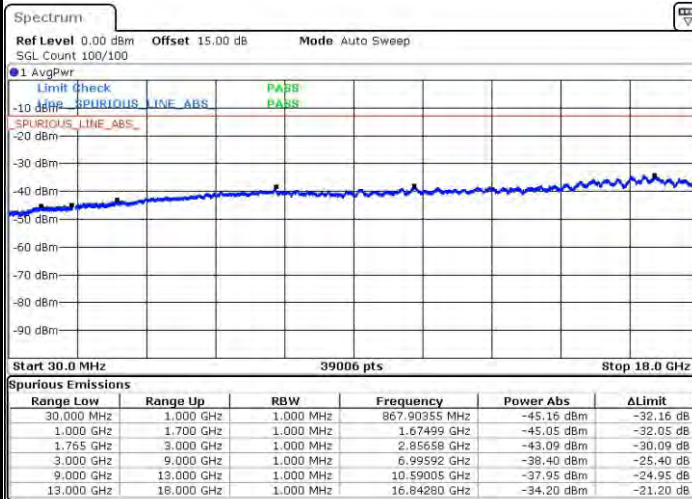
Date: 24.AUG.2015 21:49:08

## Lowest Channel / 16QAM



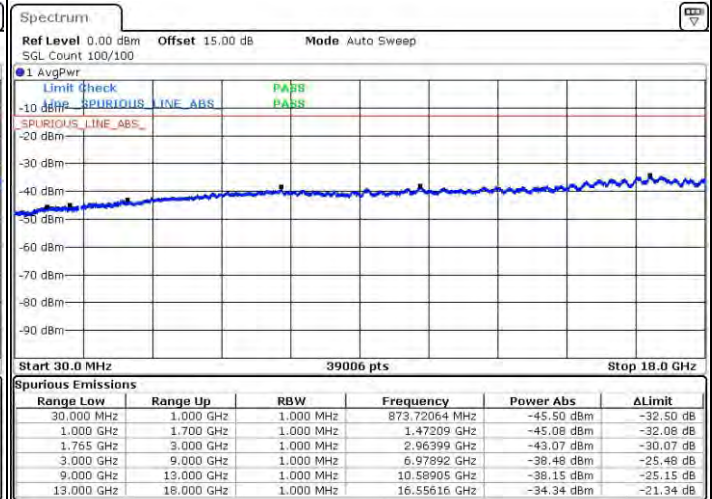
Date: 24.AUG.2015 21:50:20

## Middle Channel / QPSK



Date: 24.AUG.2015 21:52:28

## Middle Channel / 16QAM

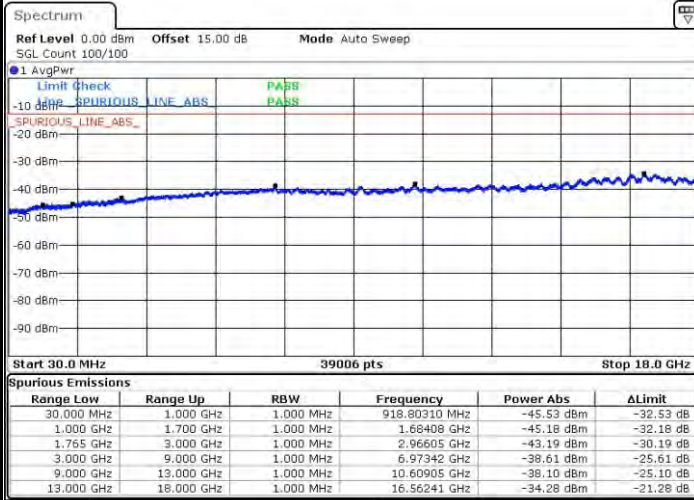


Date: 24.AUG.2015 21:53:32



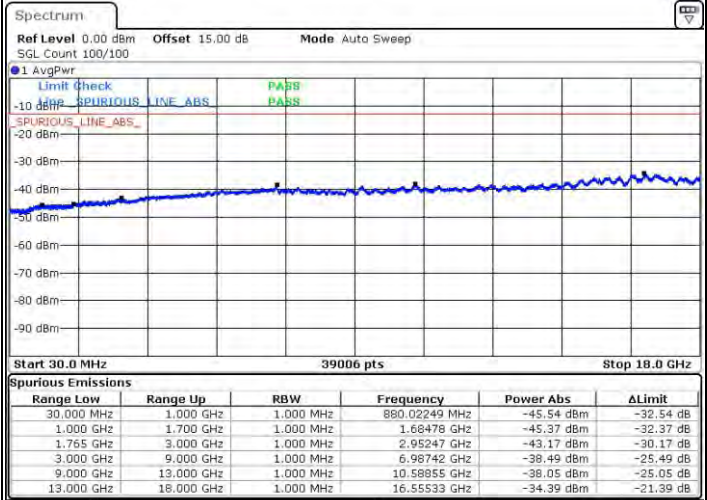
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 22:00:13

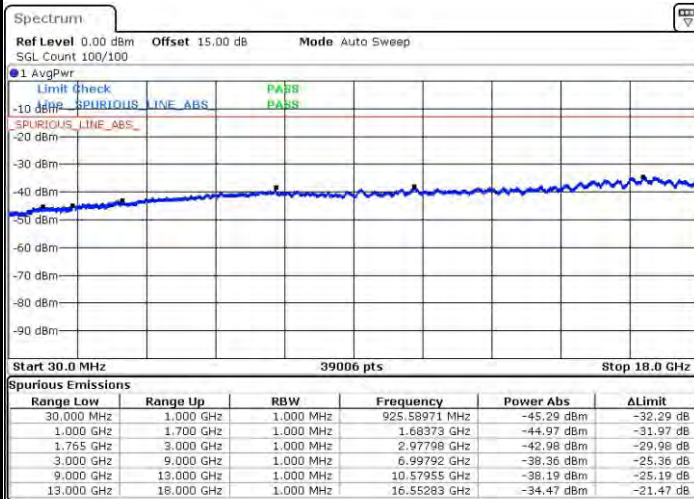
## Highest Channel / 16QAM



Date: 24.AUG.2015 22:01:26

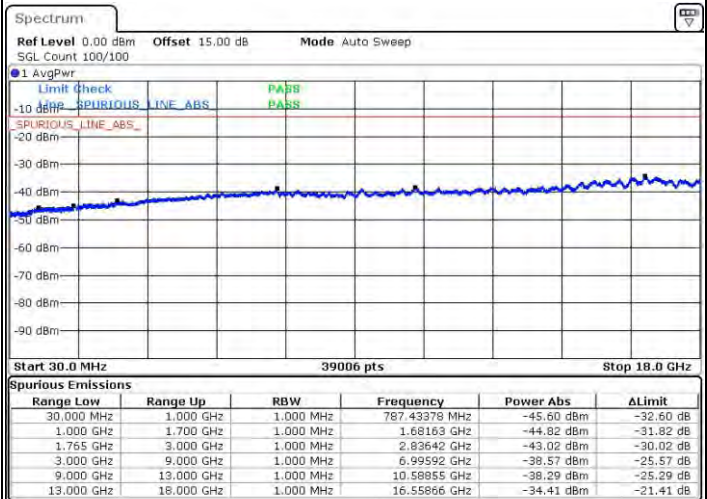
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 22:25:32

## Lowest Channel / 16QAM

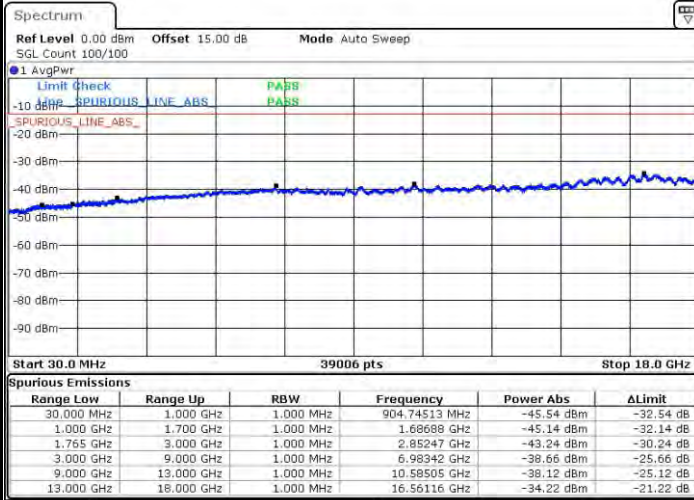


Date: 24.AUG.2015 22:26:45



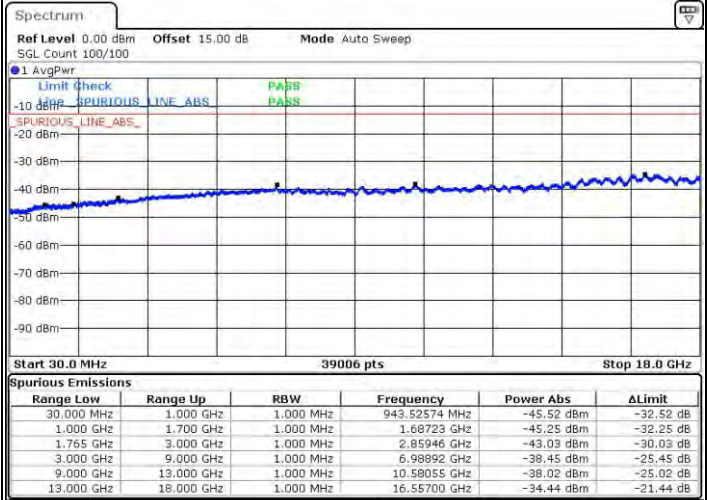
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



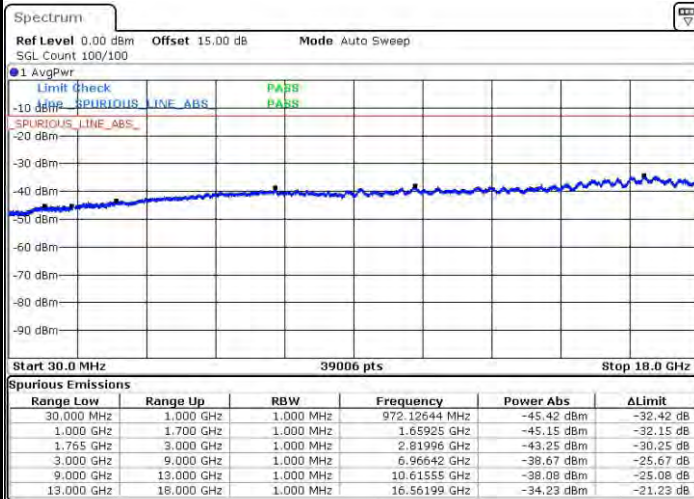
Date: 24.AUG.2015 22:28:45

## Middle Channel / 16QAM



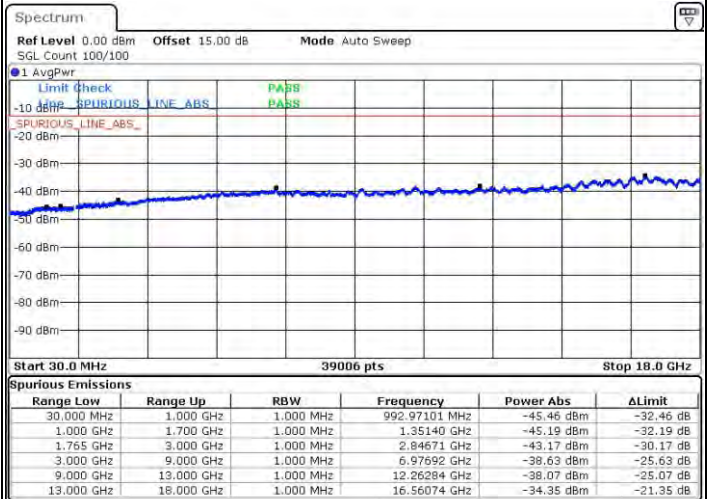
Date: 24.AUG.2015 22:29:56

## Highest Channel / QPSK



Date: 24.AUG.2015 22:36:37

## Highest Channel / 16QAM



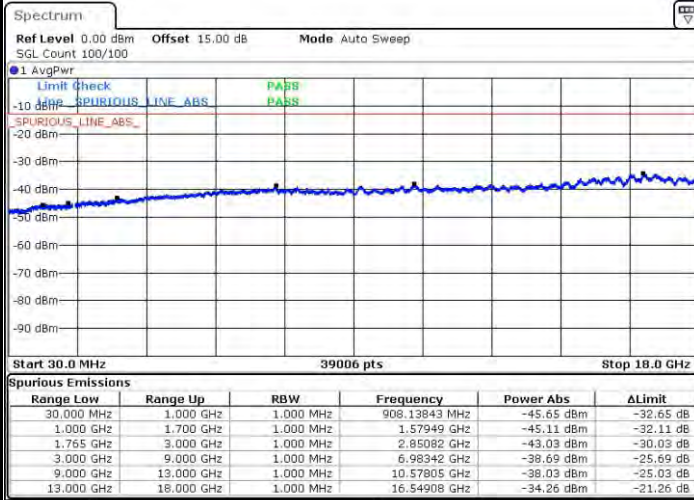
Date: 24.AUG.2015 22:37:49





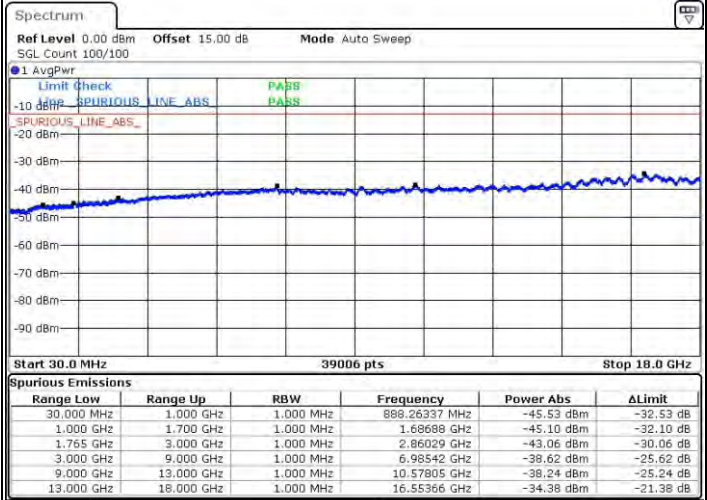
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



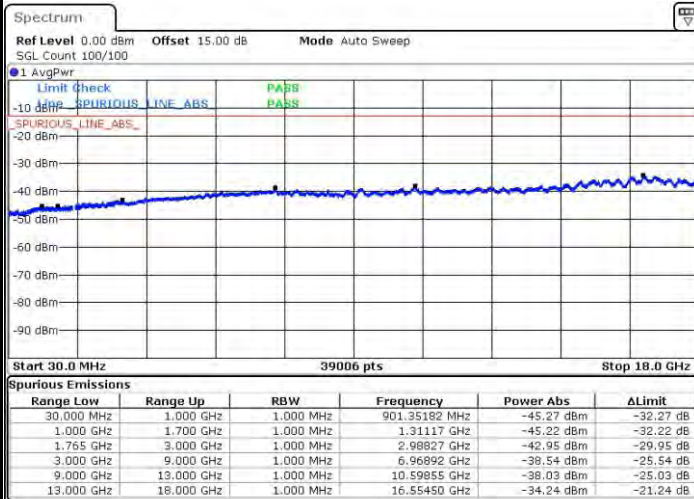
Date: 24.AUG.2015 22:44:29

## Lowest Channel / 16QAM



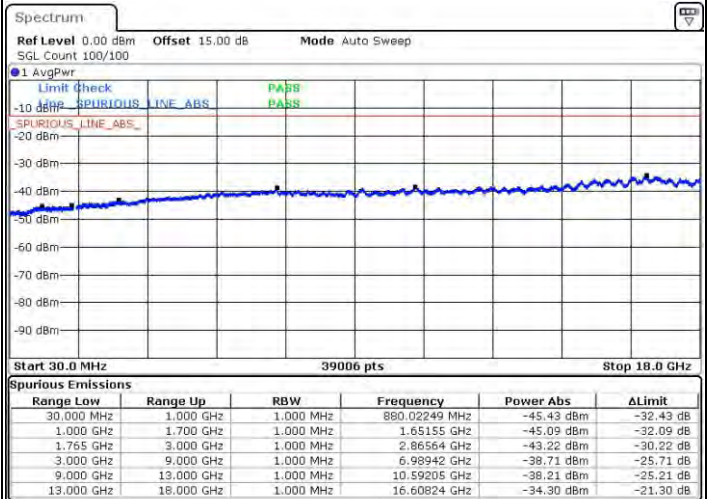
Date: 24.AUG.2015 22:45:43

## Middle Channel / QPSK



Date: 24.AUG.2015 22:47:41

## Middle Channel / 16QAM

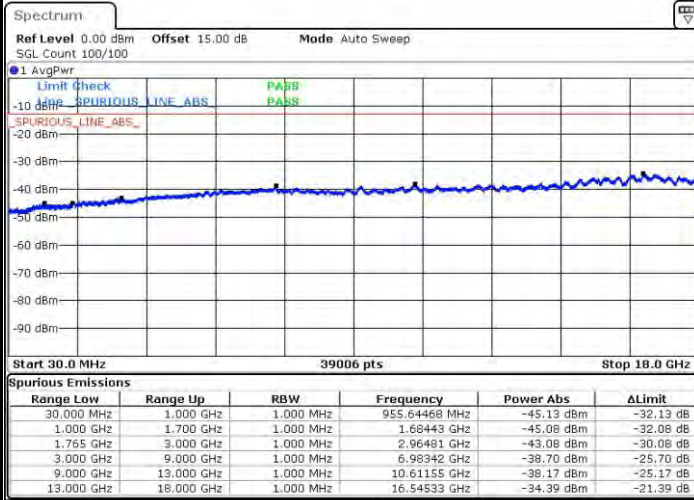


Date: 24.AUG.2015 22:48:53



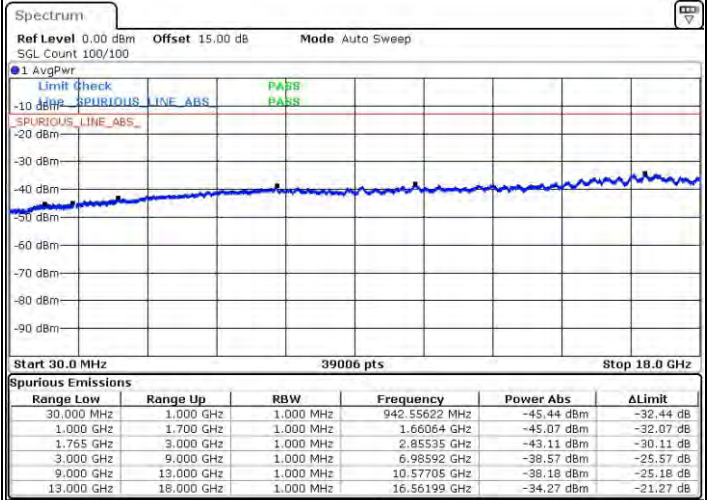
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 22:55:33

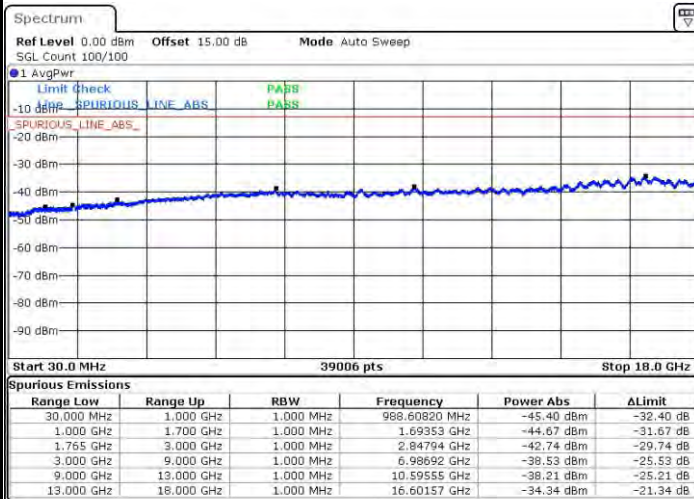
## Highest Channel / 16QAM



Date: 24.AUG.2015 22:56:45

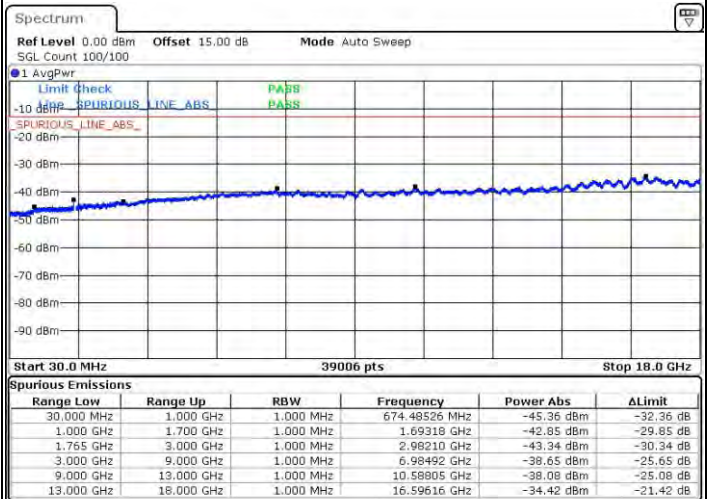
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 23:03:25

## Lowest Channel / 16QAM

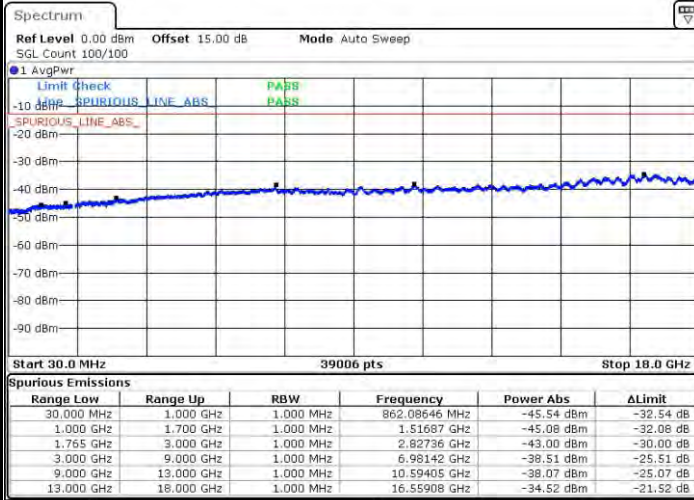


Date: 24.AUG.2015 23:04:37



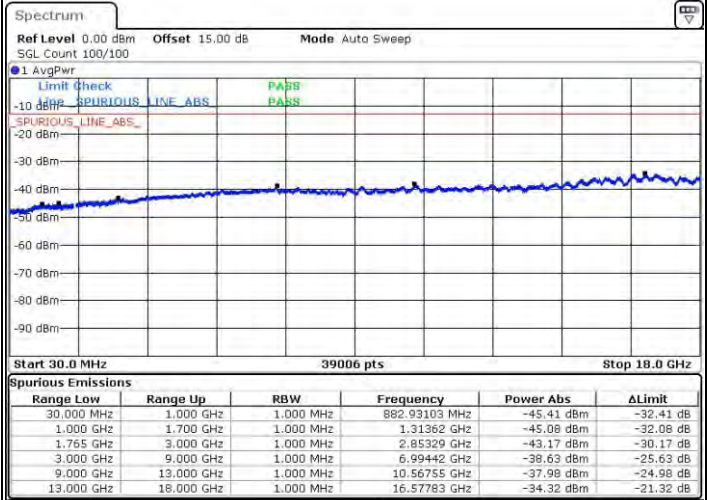
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



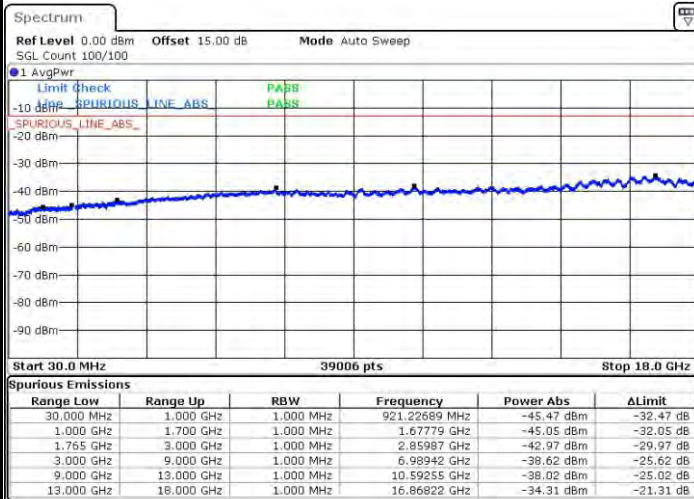
Date: 24.AUG.2015 23:06:36

## Middle Channel / 16QAM



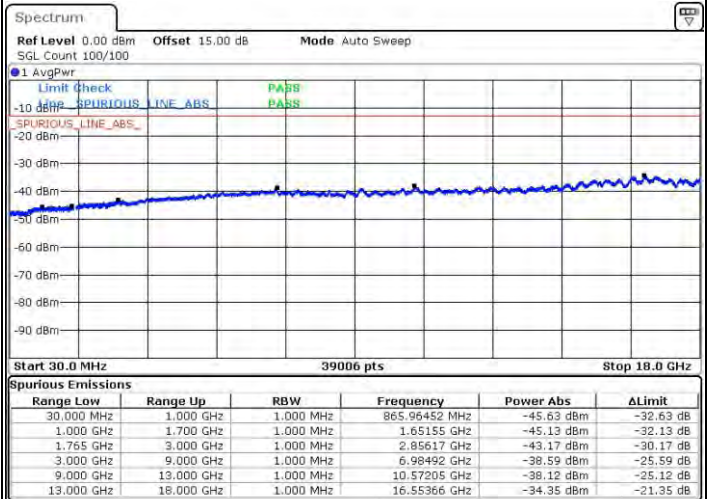
Date: 24.AUG.2015 23:07:46

## Highest Channel / QPSK



Date: 24.AUG.2015 23:14:28

## Highest Channel / 16QAM



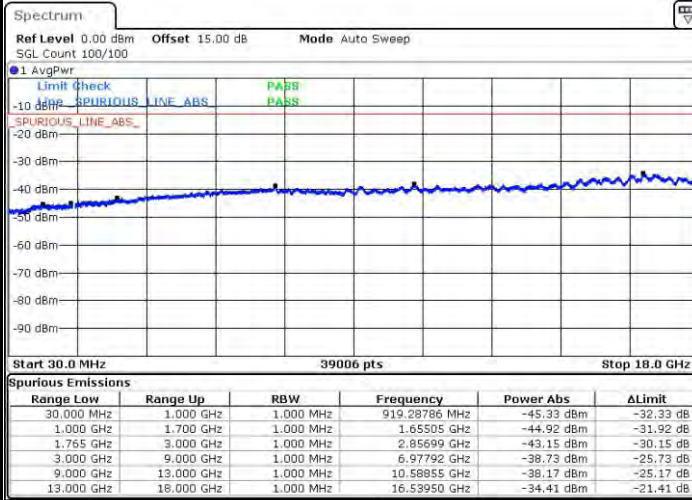
Date: 24.AUG.2015 23:15:40





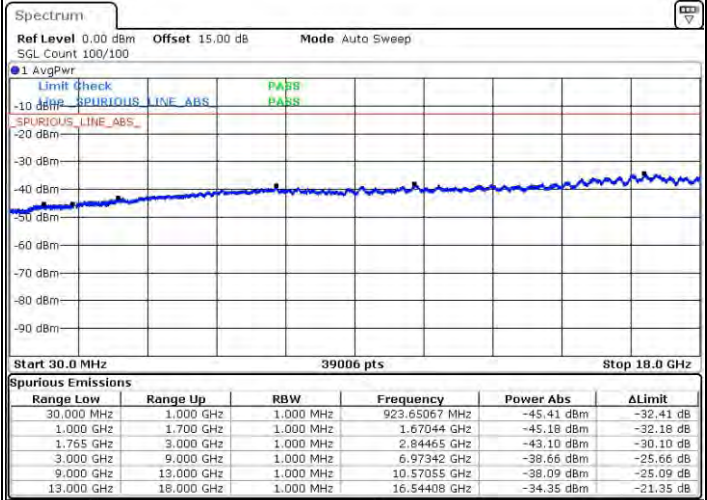
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



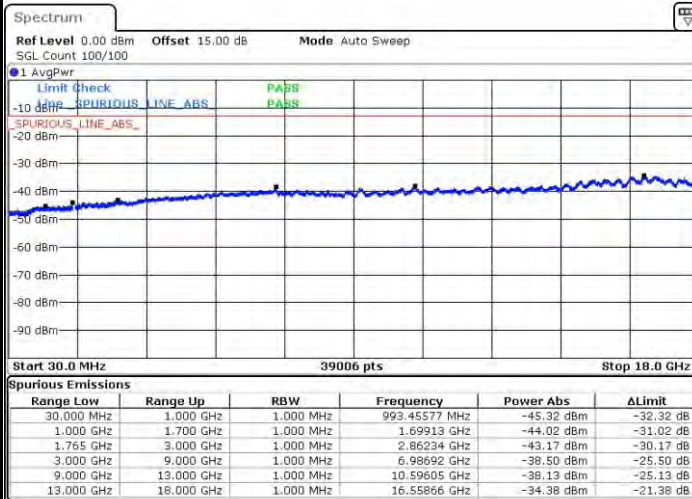
Date: 24.AUG.2015 23:22:21

## Lowest Channel / 16QAM



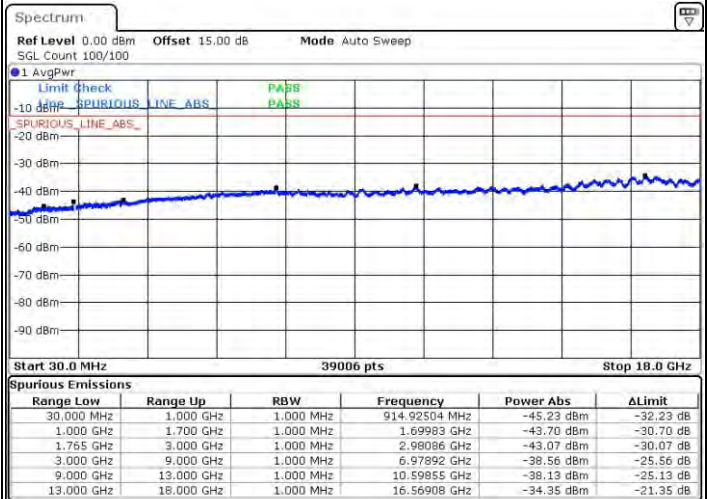
Date: 24.AUG.2015 23:23:33

## Middle Channel / QPSK



Date: 24.AUG.2015 23:25:32

## Middle Channel / 16QAM

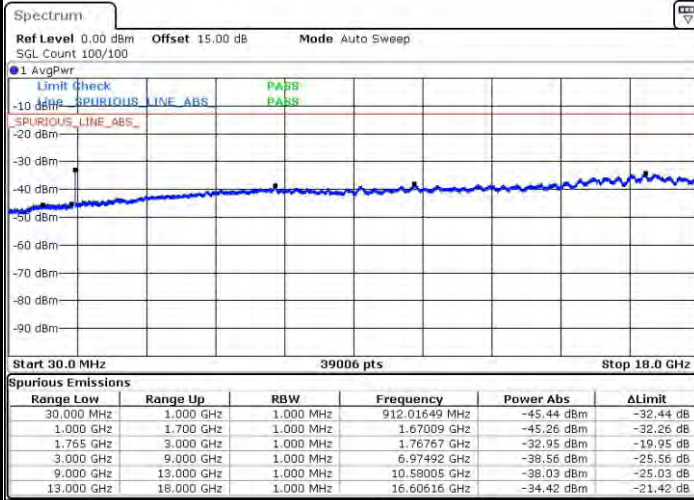


Date: 24.AUG.2015 23:26:44



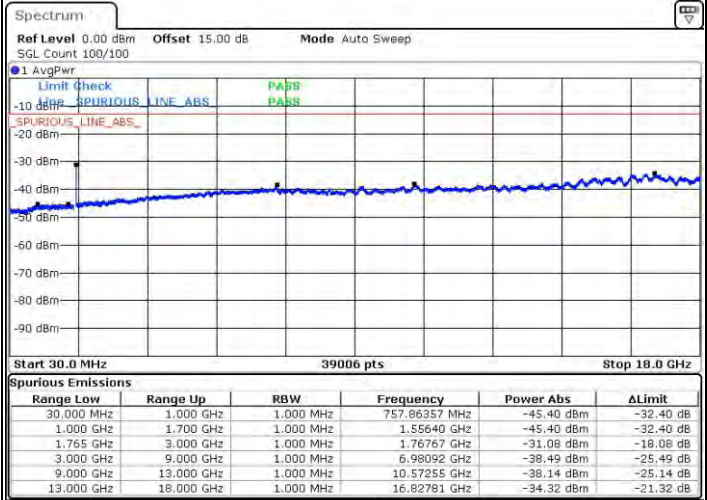
## LTE Band 4 / 15MHz

## Highest Channel / QPSK



Date: 24.AUG.2015 23:33:24

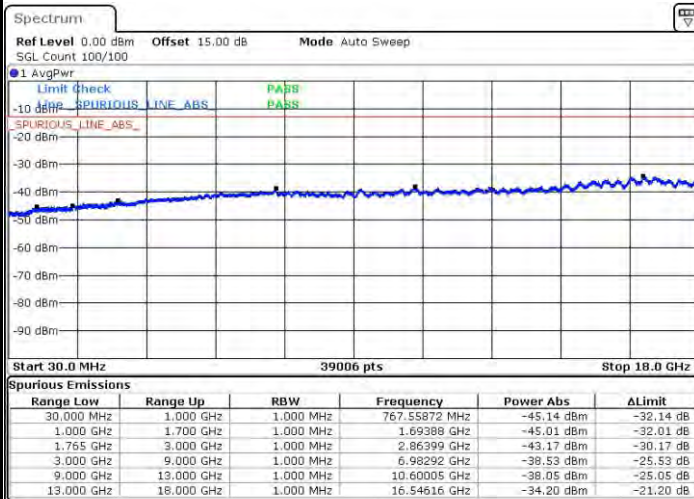
## Highest Channel / 16QAM



Date: 24.AUG.2015 23:34:36

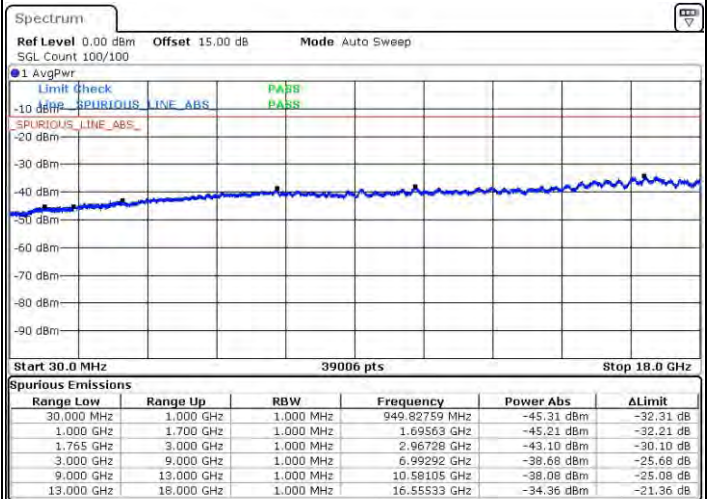
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



Date: 24.AUG.2015 23:41:16

## Lowest Channel / 16QAM

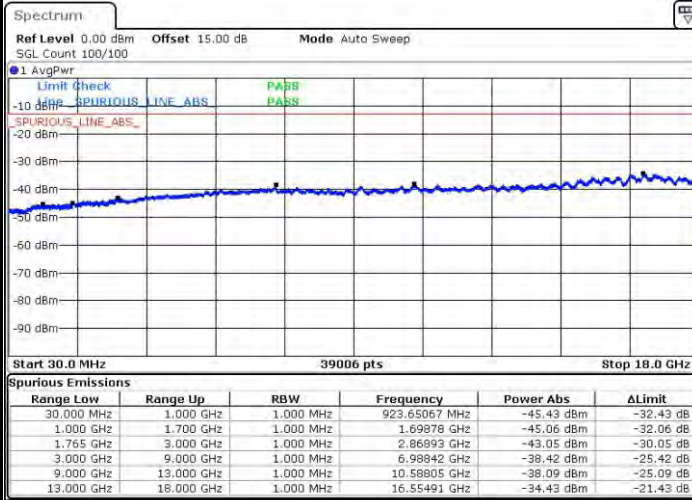


Date: 24.AUG.2015 23:42:26



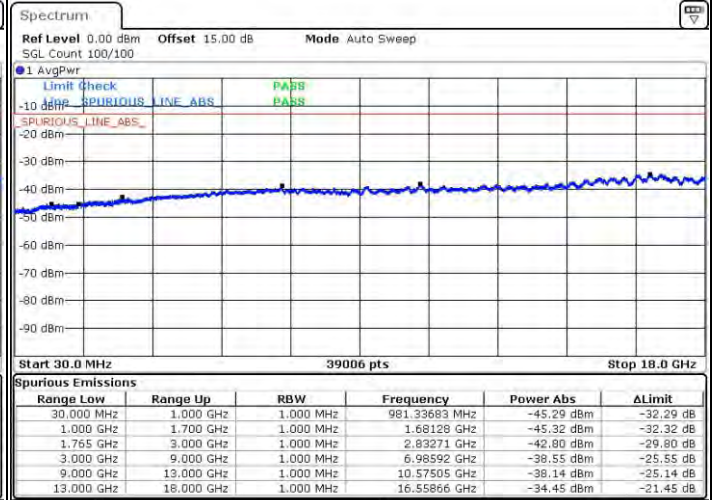
## LTE Band 4 / 20MHz

## Middle Channel / QPSK



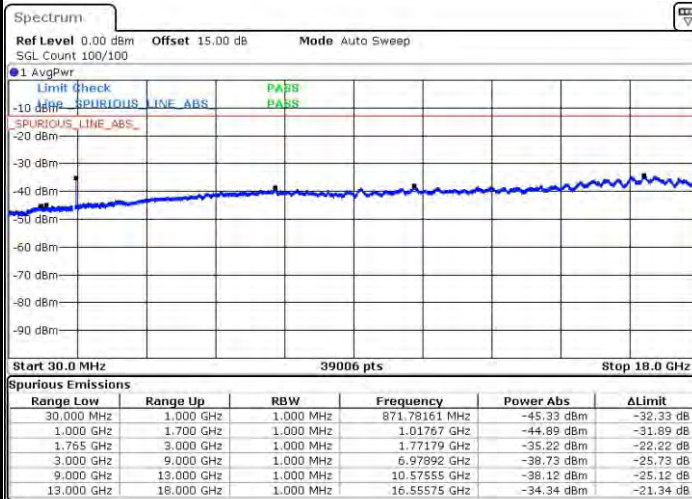
Date: 24.AUG.2015 20:44:29

## Middle Channel / 16QAM



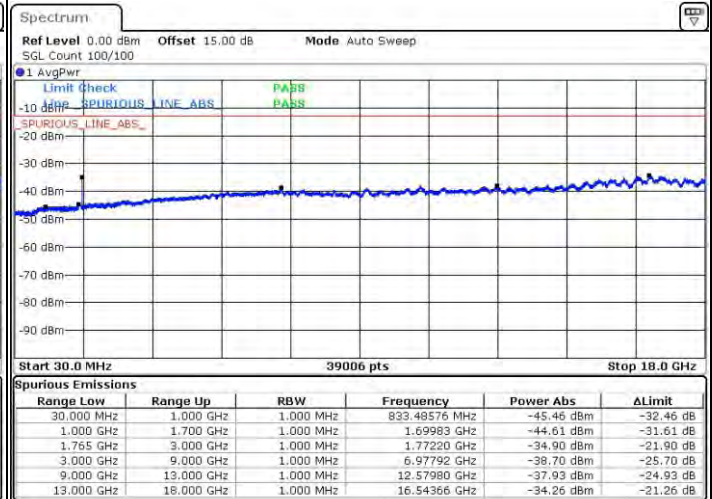
Date: 24.AUG.2015 20:45:43

## Highest Channel / QPSK



Date: 24.AUG.2015 20:52:21

## Highest Channel / 16QAM



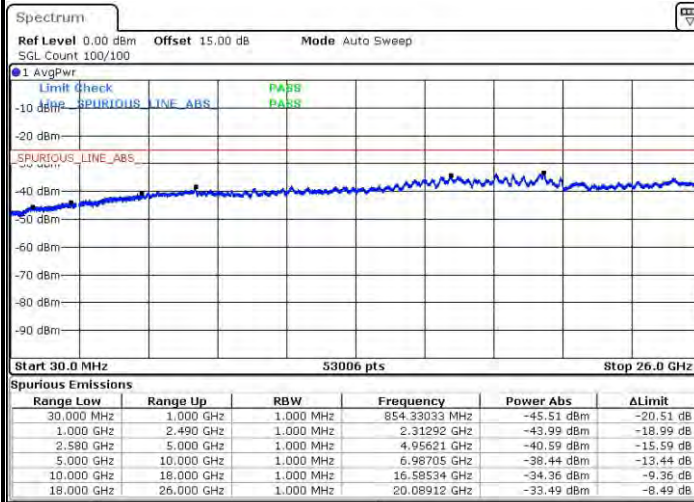
Date: 24.AUG.2015 20:53:33





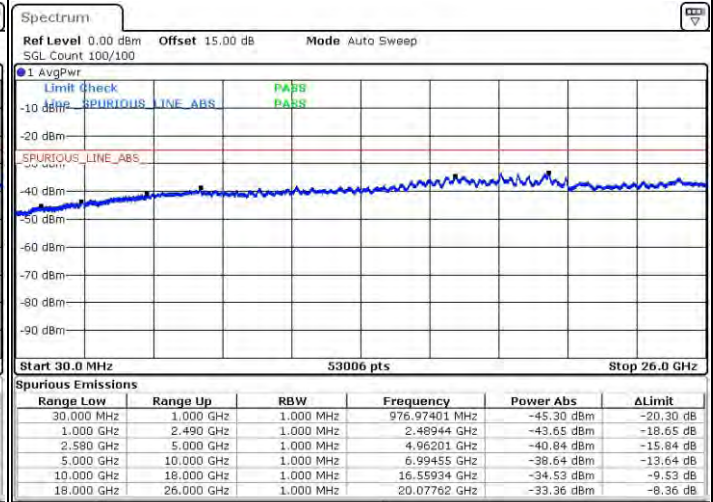
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



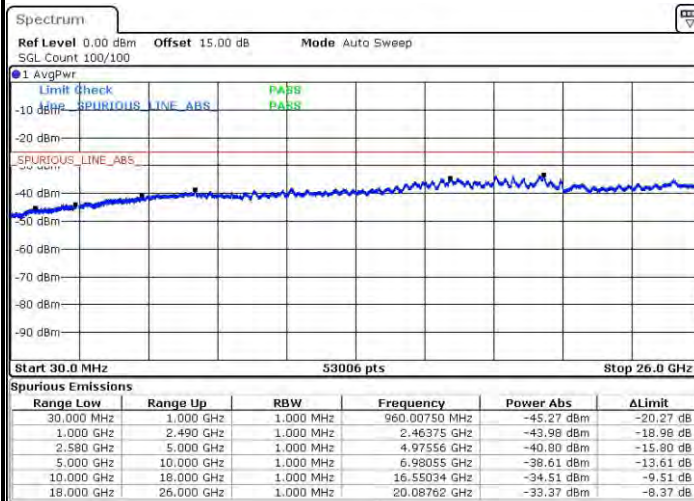
Date: 25.AUG.2015 10:44:10

## Lowest Channel / 16QAM



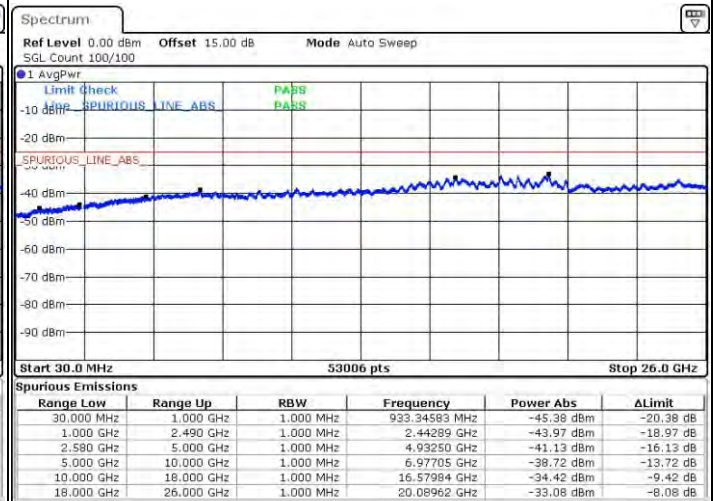
Date: 25.AUG.2015 10:45:20

## Middle Channel / QPSK



Date: 25.AUG.2015 10:47:10

## Middle Channel / 16QAM

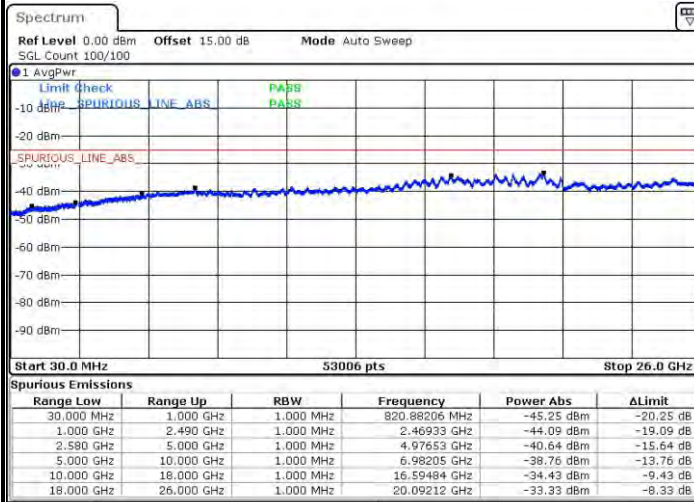


Date: 25.AUG.2015 10:48:27



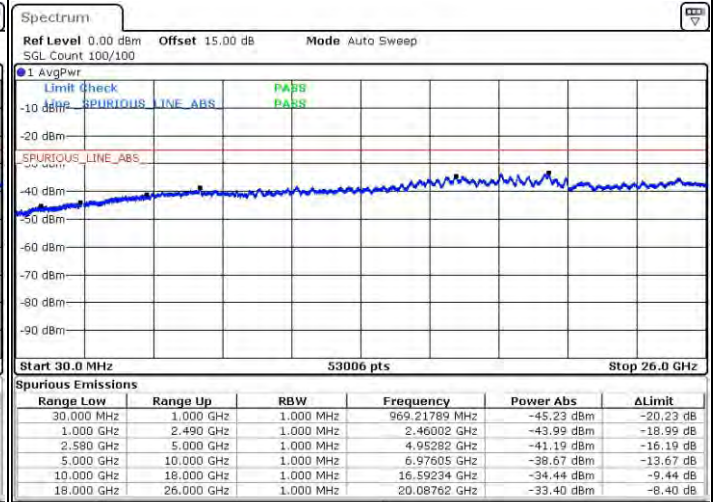
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 25.AUG.2015 18:55:05

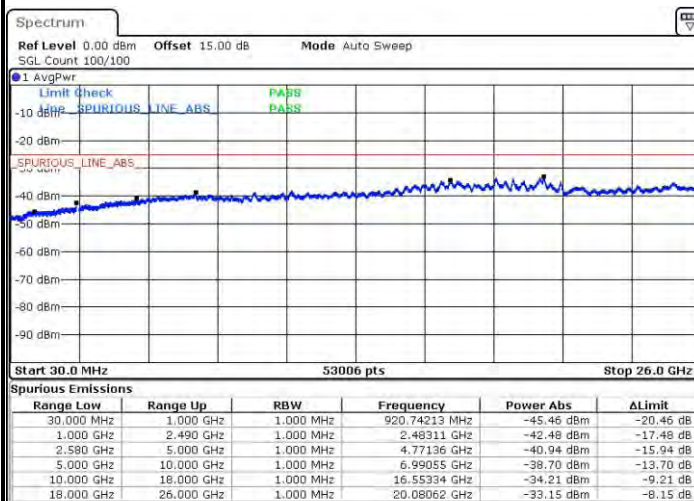
## Highest Channel / 16QAM



Date: 25.AUG.2015 18:56:15

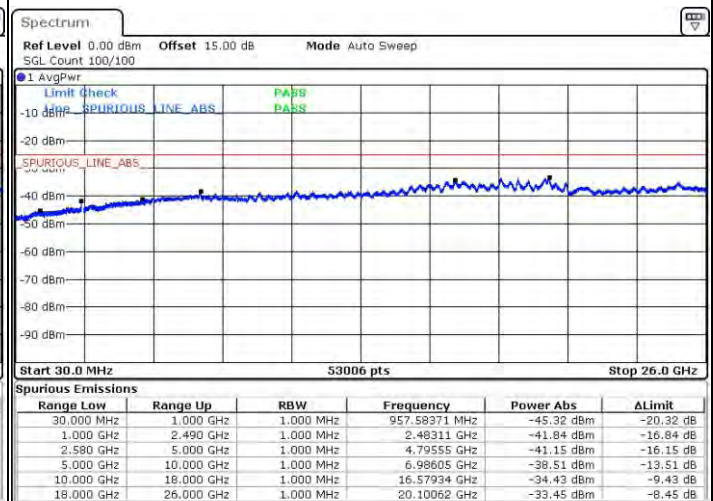
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 25.AUG.2015 19:02:59

## Lowest Channel / 16QAM

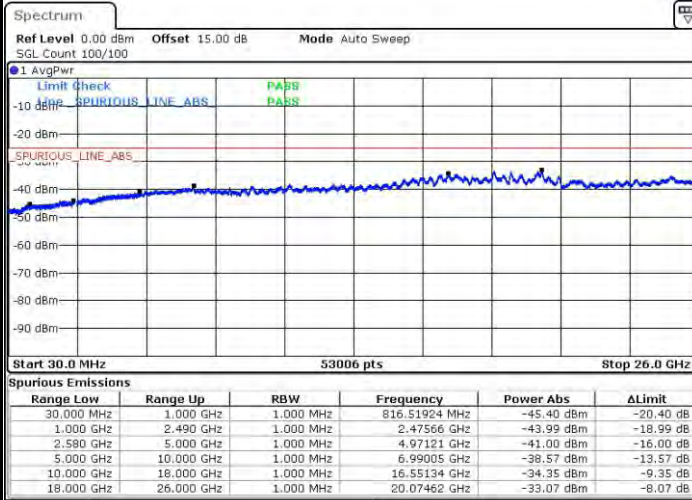


Date: 25.AUG.2015 19:04:08



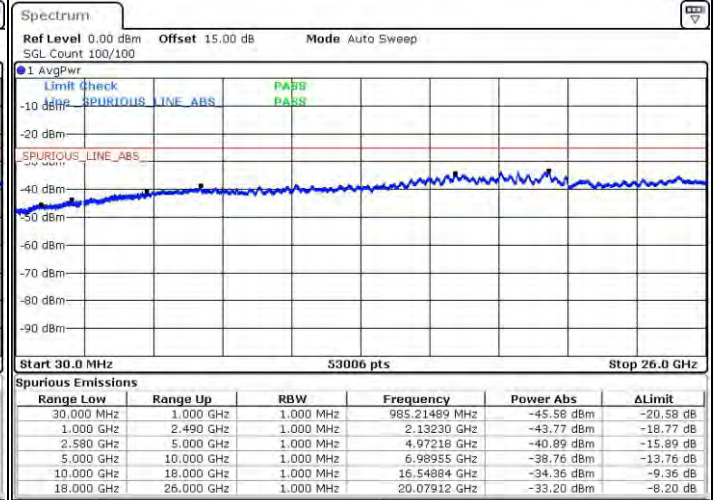
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



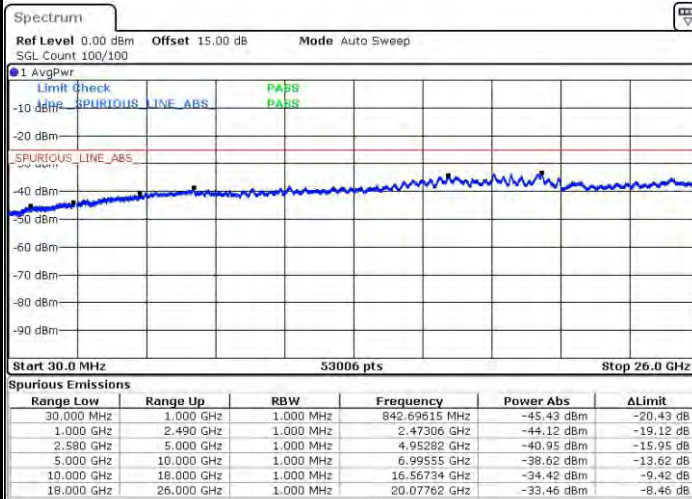
Date: 25.AUG.2015 19:06:05

## Middle Channel / 16QAM



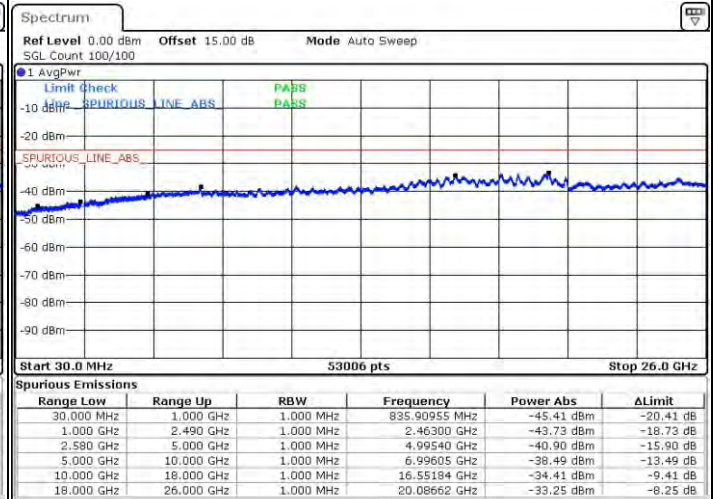
Date: 25.AUG.2015 19:07:14

## Highest Channel / QPSK



Date: 25.AUG.2015 19:13:52

## Highest Channel / 16QAM



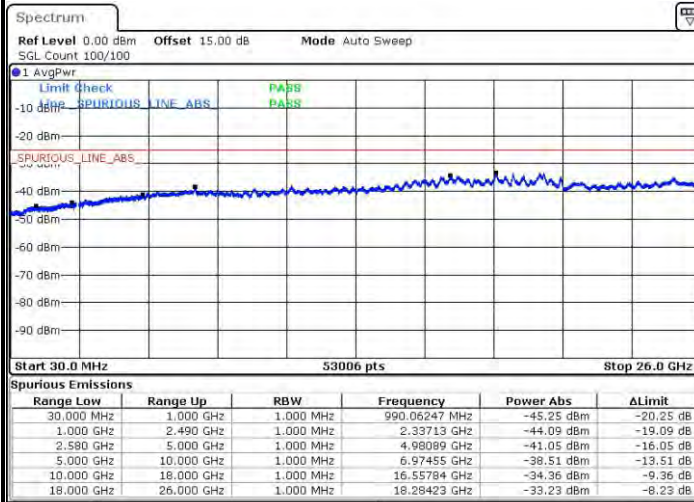
Date: 25.AUG.2015 19:15:01





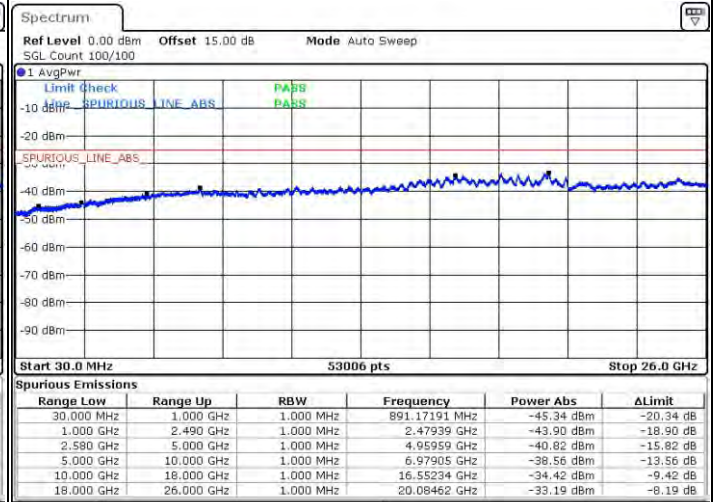
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



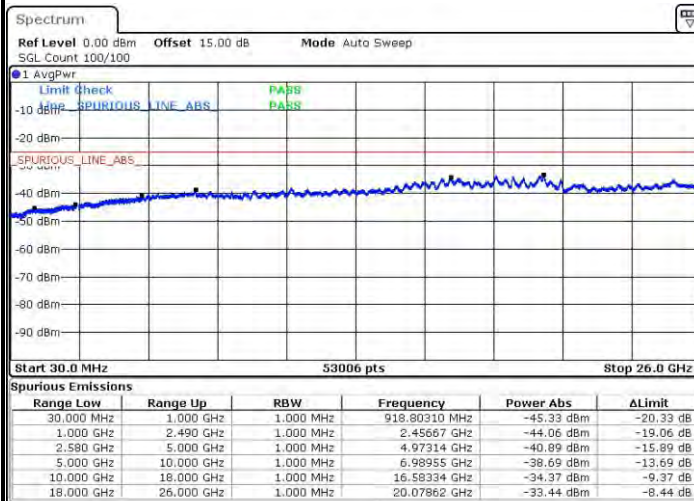
Date: 25.AUG.2015 19:21:45

## Lowest Channel / 16QAM



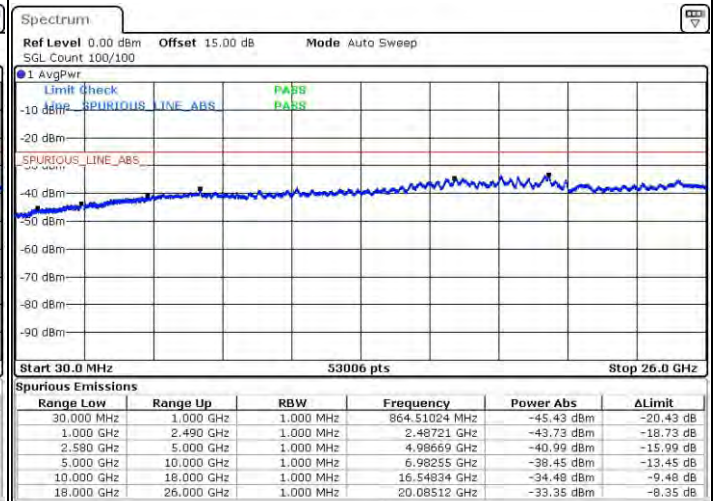
Date: 25.AUG.2015 19:22:54

## Middle Channel / QPSK



Date: 25.AUG.2015 19:24:31

## Middle Channel / 16QAM

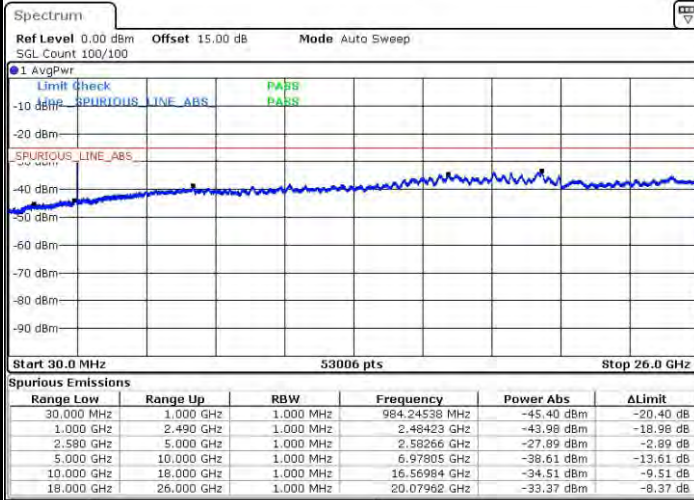


Date: 25.AUG.2015 19:26:01



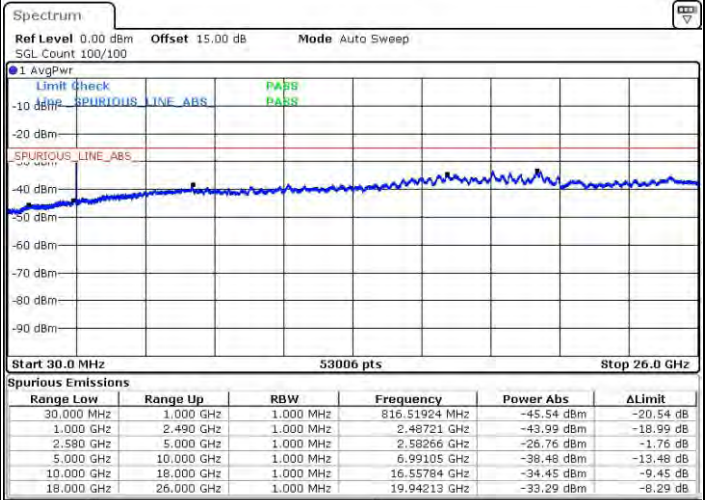
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 25.AUG.2015 19:32:40

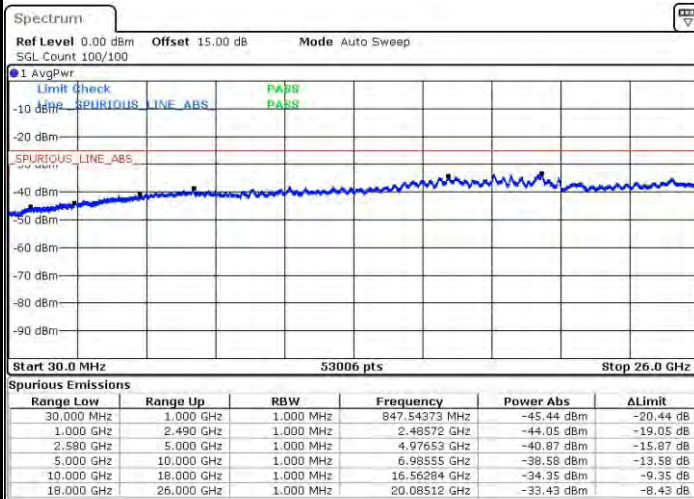
## Highest Channel / 16QAM



Date: 25.AUG.2015 19:33:49

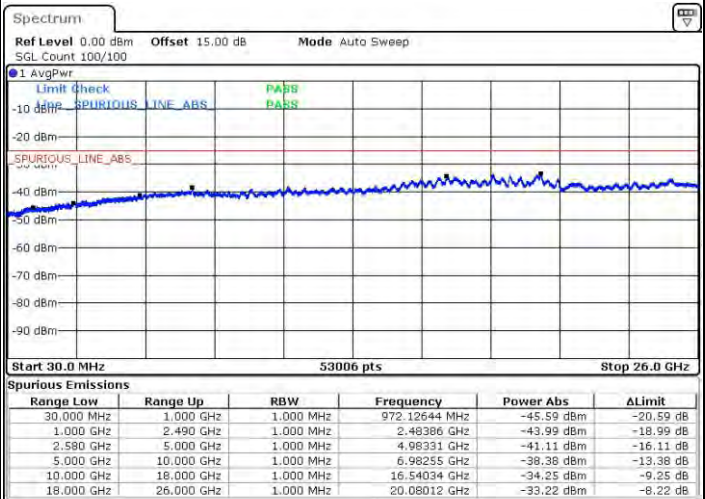
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 25.AUG.2015 19:40:33

## Lowest Channel / 16QAM

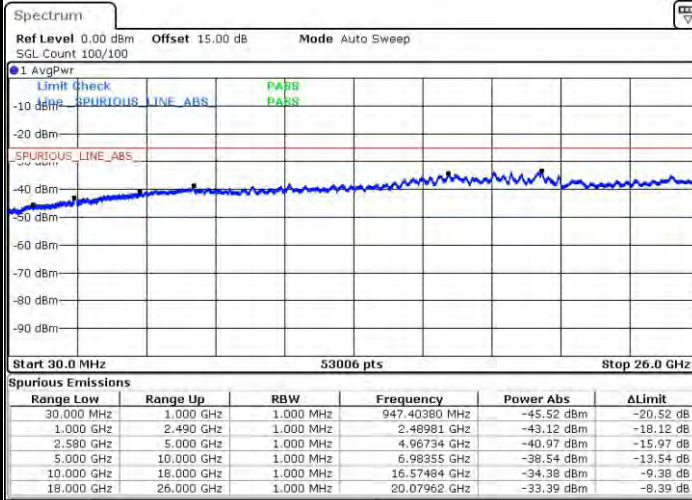


Date: 25.AUG.2015 19:41:42



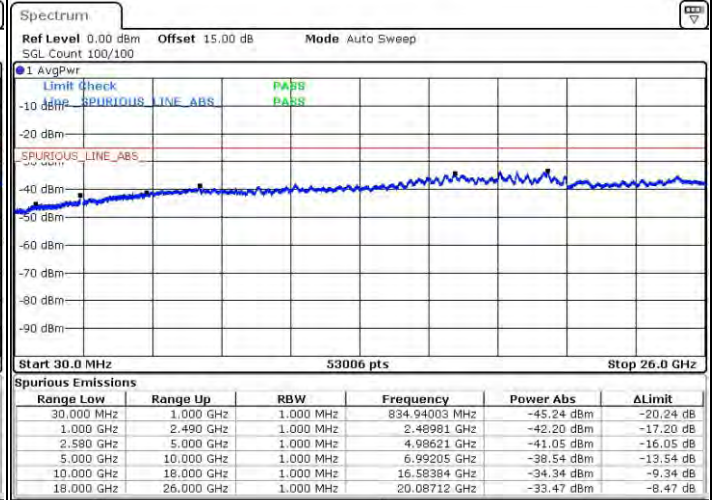
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



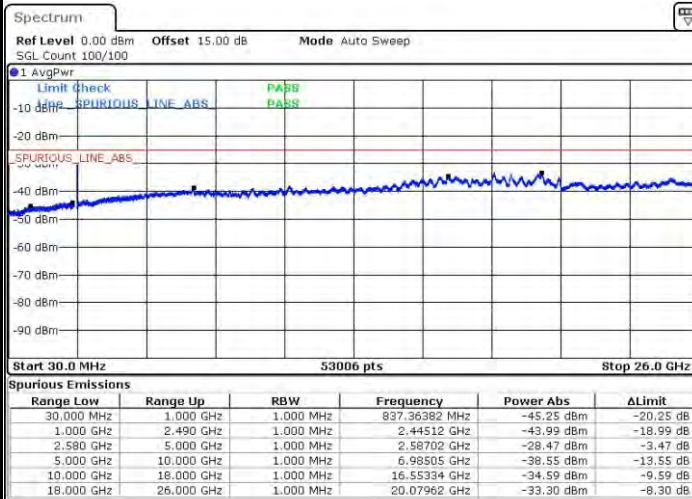
Date: 25.AUG.2015 19:43:48

## Middle Channel / 16QAM



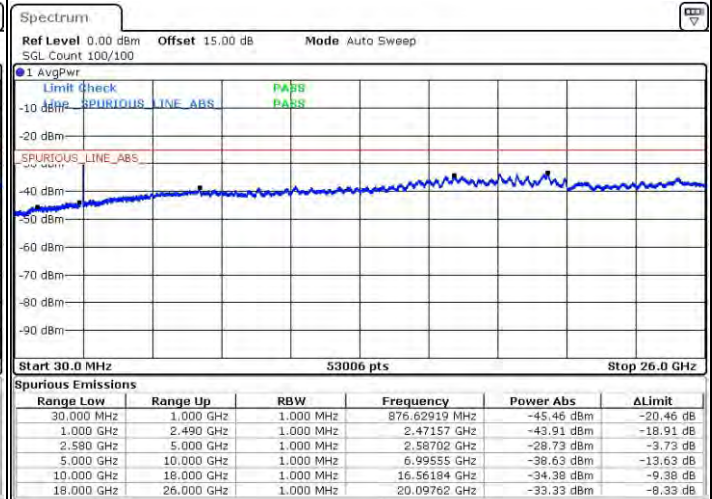
Date: 25.AUG.2015 19:44:30

## Highest Channel / QPSK



Date: 25.AUG.2015 19:51:28

## Highest Channel / 16QAM



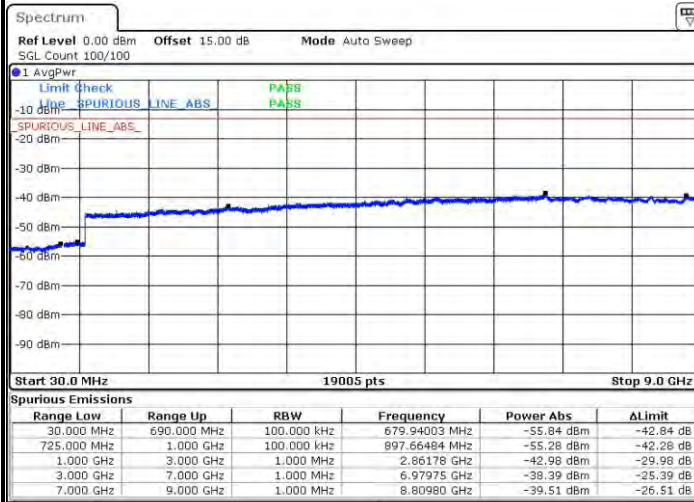
Date: 25.AUG.2015 19:52:38





## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



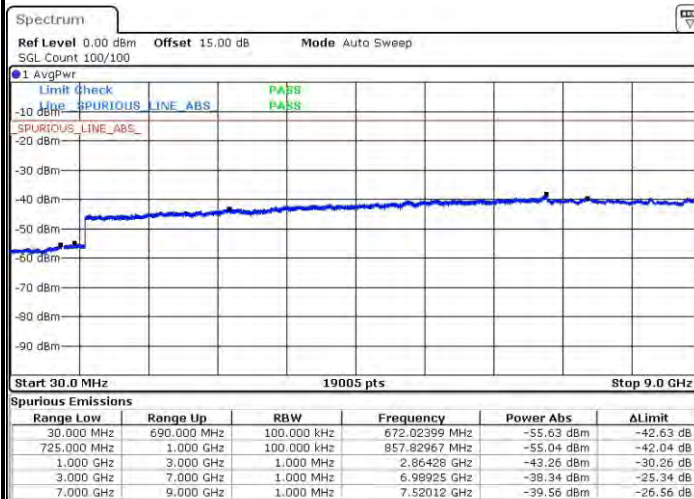
Date: 26.AUG.2015 01:08:39

## Lowest Channel / 16QAM



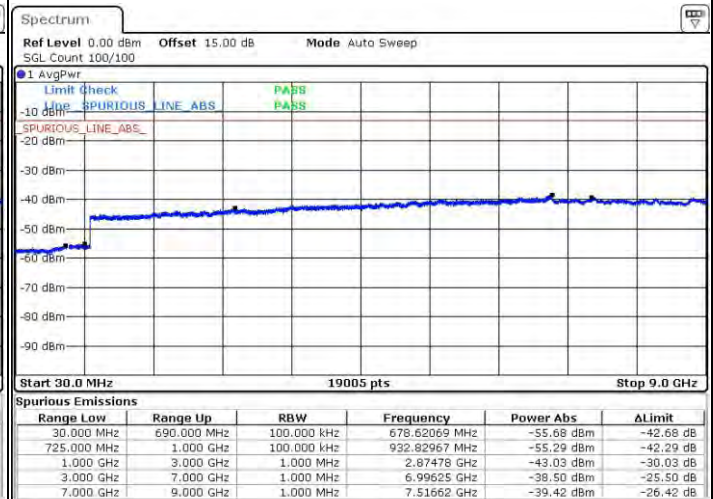
Date: 26.AUG.2015 00:29:25

## Middle Channel / QPSK



Date: 26.AUG.2015 00:31:30

## Middle Channel / 16QAM

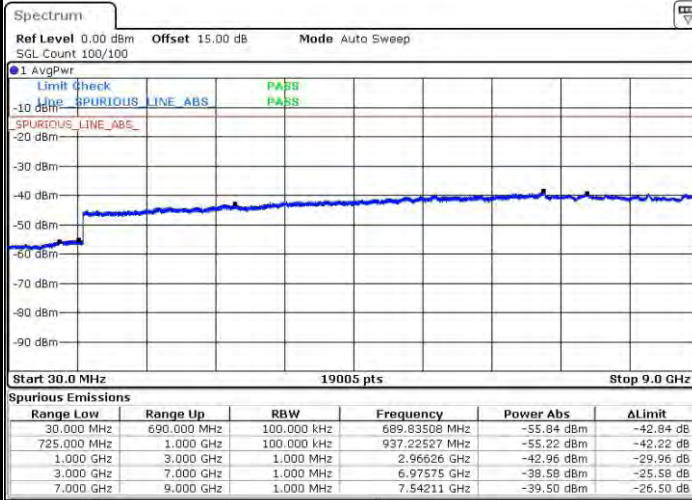


Date: 26.AUG.2015 00:32:43



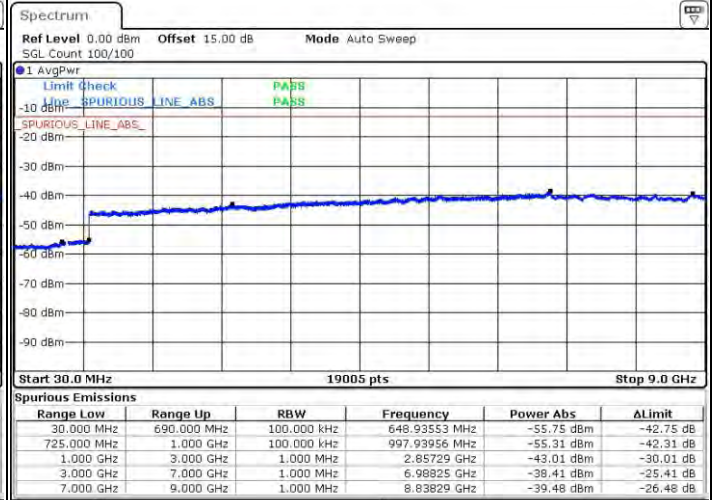
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 26.AUG.2015 00:39:33

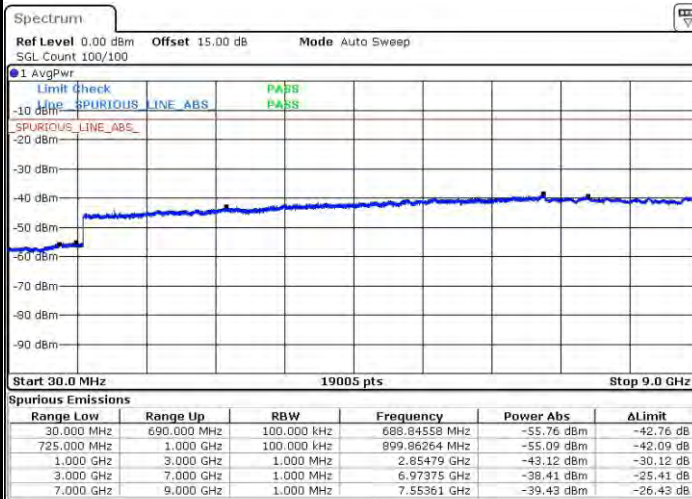
## Highest Channel / 16QAM



Date: 26.AUG.2015 00:40:46

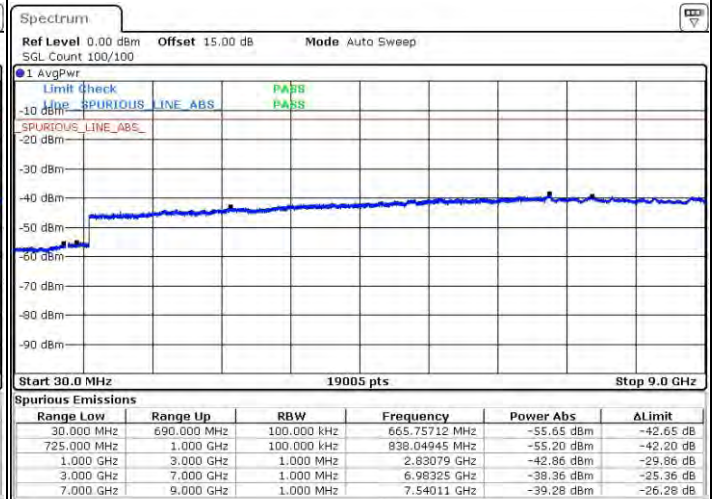
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 26.AUG.2015 00:47:36

## Lowest Channel / 16QAM

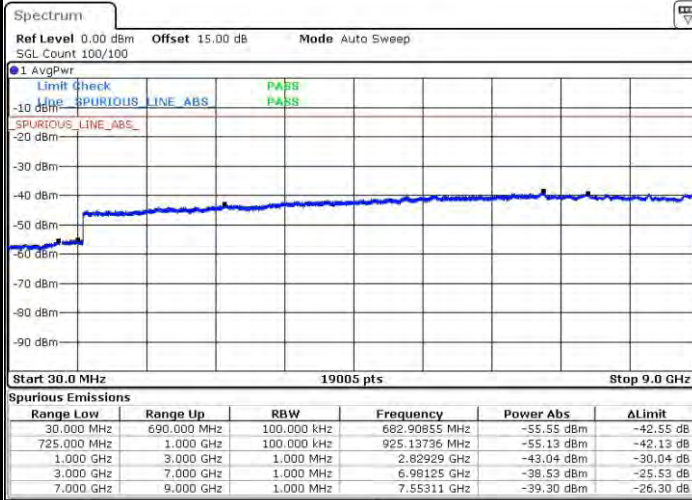


Date: 26.AUG.2015 00:48:49



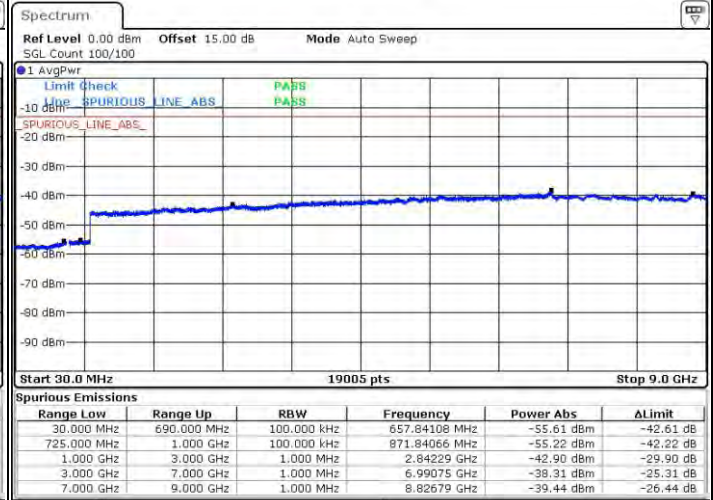
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



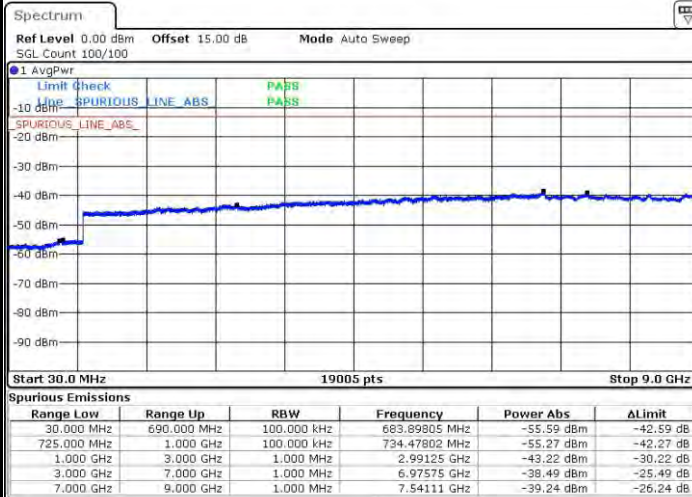
Date: 26.AUG.2015 00:50:53

## Middle Channel / 16QAM



Date: 26.AUG.2015 00:52:06

## Highest Channel / QPSK



Date: 26.AUG.2015 00:58:55

## Highest Channel / 16QAM



Date: 26.AUG.2015 01:00:06



## 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	0.0037	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0122	
0	Normal Voltage	0.0128	
-10	Normal Voltage	0.0138	
-20	Normal Voltage	0.0149	
-30	Normal Voltage	0.0160	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; Maximum Voltage =4.35 V
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	0.0040	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0098	
0	Normal Voltage	0.0110	
-10	Normal Voltage	0.0115	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0133	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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	0.0056	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0014	
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 =4.35V
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	0.0042	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0028	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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	1	21.05	0.1274	17.73	0.0593
Middle		1	3	20.40	0.1096	17.73	0.0593
Highest		1	3	19.93	0.0984	18.96	0.0787
Lowest	16QAM	1	3	20.25	0.1059	16.55	0.0452
Middle		1	0	19.98	0.0995	15.88	0.0387
Highest		1	0	18.70	0.0741	15.94	0.0393
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	19.17	0.0826	18.77	0.0753
Middle		1	8	19.40	0.0871	18.26	0.0670
Highest		1	14	19.66	0.0925	17.48	0.0560
Lowest	16QAM	1	0	20.51	0.1125	18.20	0.0661
Middle		1	0	20.66	0.1164	17.73	0.0593
Highest		1	0	20.76	0.1191	18.26	0.0670
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	19.29	0.0849	21.00	0.1259
Middle		1	12	18.84	0.0766	19.96	0.0991
Highest		1	24	18.23	0.0665	19.94	0.0986
Lowest	16QAM	1	0	19.14	0.0820	20.13	0.1030
Middle		1	24	18.56	0.0718	19.26	0.0843
Highest		1	24	17.35	0.0543	19.12	0.0817
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	19.00	0.0794	20.60	0.1148
Middle		1	0	18.24	0.0667	20.16	0.1038
Highest		1	0	16.75	0.0473	20.48	0.1117
Lowest	16QAM	1	25	18.90	0.0776	19.27	0.0845
Middle		1	0	18.20	0.0661	19.24	0.0839
Highest		1	0	16.52	0.0449	19.52	0.0895
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	0	18.96	0.0787	20.23	0.1054
Middle		1	0	18.76	0.0752	19.53	0.0897
Highest		1	37	18.53	0.0713	19.30	0.0851
Lowest	16QAM	1	0	17.17	0.0521	20.06	0.1014
Middle		1	37	16.18	0.0415	19.63	0.0918
Highest		1	37	16.04	0.0402	20.14	0.1033
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	21.86	0.1535	23.57	0.2275
Middle		1	0	21.34	0.1361	22.09	0.1618
Highest		1	0	21.43	0.1390	22.13	0.1633
Lowest	16QAM	1	0	17.52	0.0565	21.02	0.1265
Middle		1	49	17.60	0.0575	20.51	0.1125
Highest		1	0	17.18	0.0522	19.89	0.0975
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	16.07	0.0405	19.78	0.0951
Middle		3	0	16.85	0.0484	19.85	0.0966
Highest		3	0	17.38	0.0547	20.48	0.1117
Lowest	16QAM	1	0	18.05	0.0638	18.86	0.0769
Middle		1	0	18.74	0.0748	18.91	0.0778
Highest		1	3	18.44	0.0698	19.50	0.0891
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	8	16.63	0.0460	19.77	0.0948
Middle		1	8	17.15	0.0519	20.89	0.1227
Highest		1	8	17.93	0.0621	21.84	0.1528
Lowest	16QAM	1	8	18.30	0.0676	16.52	0.0449
Middle		1	14	19.48	0.0887	15.26	0.0336
Highest		1	0	20.54	0.1132	15.41	0.0348
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	12	20.08	0.1019	21.50	0.1413
Middle		1	0	21.13	0.1297	21.90	0.1549
Highest		1	12	20.66	0.1164	23.40	0.2188
Lowest	16QAM	1	12	18.43	0.0697	21.33	0.1358
Middle		1	12	20.28	0.1067	20.74	0.1186
Highest		1	12	20.30	0.1072	22.37	0.1726
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	25	19.19	0.0830	20.58	0.1143
Middle		1	25	19.49	0.0889	19.85	0.0966
Highest		1	0	20.22	0.1052	20.22	0.1052
Lowest	16QAM	1	0	15.97	0.0395	18.92	0.0780
Middle		1	25	16.84	0.0483	18.49	0.0706
Highest		1	0	17.67	0.0585	18.88	0.0773
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	17.27	0.0533	19.43	0.0877
Middle		1	0	17.14	0.0518	19.62	0.0916
Highest		1	37	18.42	0.0695	20.95	0.1245
Lowest	16QAM	1	74	19.73	0.0940	18.90	0.0776
Middle		1	0	19.21	0.0834	18.45	0.0700
Highest		1	37	20.02	0.1005	20.34	0.1081
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	19.44	0.0879	20.51	0.1125
Middle		1	0	19.64	0.0920	20.46	0.1112
Highest		1	0	19.99	0.0998	20.39	0.1094
Lowest	16QAM	1	0	18.02	0.0634	19.36	0.0863
Middle		1	0	18.01	0.0632	19.33	0.0857
Highest		1	99	17.47	0.0558	20.41	0.1099
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	15.15	0.0327	21.45	0.1396
Middle		1	0	15.84	0.0384	21.19	0.1315
Highest		1	24	15.41	0.0348	20.87	0.1222
Lowest	16QAM	1	24	16.23	0.0420	20.63	0.1156
Middle		1	12	18.27	0.0671	21.08	0.1282
Highest		1	12	16.92	0.0492	21.46	0.1400
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	49	20.57	0.1140	19.88	0.0973
Middle		1	0	20.85	0.1216	18.71	0.0743
Highest		1	49	20.75	0.1189	20.73	0.1183
Lowest	16QAM	1	25	17.62	0.0578	20.90	0.1230
Middle		1	25	18.81	0.0760	20.34	0.1081
Highest		1	25	18.84	0.0766	21.14	0.1300
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	18.36	0.0685	21.16	0.1306
Middle		1	0	18.52	0.0711	20.85	0.1216
Highest		1	74	17.84	0.0608	22.03	0.1596
Lowest	16QAM	1	74	17.66	0.0583	19.08	0.0809
Middle		1	74	17.85	0.0610	18.37	0.0687
Highest		1	74	18.75	0.0750	18.95	0.0785
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.29	0.0849	18.98	0.0791
Middle		1	0	19.82	0.0959	19.07	0.0807
Highest		1	0	19.76	0.0946	19.01	0.0796
Lowest	16QAM	1	49	18.29	0.0675	19.14	0.0820
Middle		1	0	18.84	0.0766	20.02	0.1005
Highest		1	0	18.53	0.0713	19.92	0.0982
Limit	EIRP < 2W			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	24	19.37	0.0865	20.03	0.1007
Middle		1	24	19.15	0.0822	20.06	0.1014
Highest		1	12	18.78	0.0755	19.98	0.0995
Lowest	16QAM	1	12	16.30	0.0427	19.80	0.0955
Middle		1	24	16.31	0.0428	19.33	0.0857
Highest		1	0	16.48	0.0445	19.89	0.0975
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	18.01	0.0632	21.17	0.1309
Middle		1	49	18.04	0.0637	21.27	0.1340
Highest		1	49	18.02	0.0634	21.28	0.1343
Lowest	16QAM	1	49	18.47	0.0703	19.54	0.0899
Middle		1	25	18.52	0.0711	19.89	0.0975
Highest		1	49	18.13	0.0650	19.75	0.0944
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	-32.27	-13	-19.27	-46.88	-39.46	0.81	8.00	H
	5550.48	-25.24	-13	-12.24	-47.45	-35.23	1.01	11.00	H
	7400.64	-46.80	-13	-33.80	-68.97	-59.04	1.46	13.70	H
	3700.32	-36.29	-13	-23.29	-50.18	-43.48	0.81	8.00	V
	5550.48	-26.44	-13	-13.44	-48.57	-36.43	1.01	11.00	V
	7400.64	-46.73	-13	-33.73	-69.22	-58.97	1.46	13.70	V
Middle	3758.92	-31.18	-13	-18.18	-45.96	-38.37	0.81	8.00	H
	5638.38	-24.86	-13	-11.86	-47.07	-34.85	1.01	11.00	H
	7517.84	-46.21	-13	-33.21	-68.38	-58.45	1.46	13.70	H
	3758.92	-37.91	-13	-24.91	-51.77	-45.10	0.81	8.00	V
	5638.38	-26.06	-13	-13.06	-48.25	-36.05	1.01	11.00	V
	7517.84	-45.78	-13	-32.78	-68.27	-58.02	1.46	13.70	V
Highest	3817.52	-38.17	-13	-25.17	-52.33	-45.36	0.81	8.00	H
	5726.28	-34.44	-13	-21.44	-54.89	-44.43	1.01	11.00	H
	7635.04	-46.96	-13	-33.96	-69.13	-59.20	1.46	13.70	H
	3817.52	-44.37	-13	-31.37	-57.44	-51.56	0.81	8.00	V
	5726.28	-38.11	-13	-25.11	-57.81	-48.10	1.01	11.00	V
	7635.04	-46.53	-13	-33.53	-69.02	-58.77	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	-39.22	-13	-26.22	-53.13	-46.41	0.81	8.00	H
	5550.72	-30.49	-13	-17.49	-51.93	-40.48	1.01	11.00	H
	7400.96	-45.81	-13	-32.81	-67.98	-58.05	1.46	13.70	H
	3700.48	-41.68	-13	-28.68	-54.8	-48.87	0.81	8.00	V
	5550.72	-31.23	-13	-18.23	-52.38	-41.22	1.01	11.00	V
	7400.96	-46.62	-13	-33.62	-69.11	-58.86	1.46	13.70	V
Middle	3758.92	-37.06	-13	-24.06	-51.12	-44.25	0.81	8.00	H
	5638.38	-29.39	-13	-16.39	-51.00	-39.38	1.01	11.00	H
	7517.84	-45.96	-13	-32.96	-68.13	-58.20	1.46	13.70	H
	3758.92	-40.52	-13	-27.52	-53.9	-47.71	0.81	8.00	V
	5638.38	-31.15	-13	-18.15	-52.28	-41.14	1.01	11.00	V
	7517.84	-46.71	-13	-33.71	-69.2	-58.95	1.46	13.70	V
Highest	3814.48	-41.60	-13	-28.60	-54.66	-48.79	0.81	8.00	H
	5721.72	-34.61	-13	-21.61	-54.99	-44.60	1.01	11.00	H
	7628.96	-44.25	-13	-31.25	-66.42	-56.49	1.46	13.70	H
	3814.48	-45.46	-13	-32.46	-58.53	-52.65	0.81	8.00	V
	5721.72	-31.95	-13	-18.95	-53.23	-41.94	1.01	11.00	V
	7628.96	-46.78	-13	-33.78	-69.27	-59.02	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	-38.97	-13	-25.97	-53.02	-46.16	0.81	8.00	H
	5551.02	-31.98	-13	-18.98	-53.07	-41.97	1.01	11.00	H
	7401.36	-46.14	-13	-33.14	-68.31	-58.38	1.46	13.70	H
	3700.68	-42.12	-13	-29.12	-55.19	-49.31	0.81	8.00	V
	5551.02	-29.24	-13	-16.24	-50.87	-39.23	1.01	11.00	V
	7401.36	-47.18	-13	-34.18	-69.67	-59.42	1.46	13.70	V
Middle	3755.68	-37.91	-13	-24.91	-52.08	-45.10	0.81	8.00	H
	5633.52	-30.93	-13	-17.93	-52.38	-40.92	1.01	11.00	H
	7511.36	-46.89	-13	-33.89	-69.06	-59.13	1.46	13.70	H
	3755.68	-39.92	-13	-26.92	-53.48	-47.11	0.81	8.00	V
	5633.52	-26.85	-13	-13.85	-48.92	-36.84	1.01	11.00	V
	7511.36	-47.34	-13	-34.34	-69.83	-59.58	1.46	13.70	V
Highest	3808	-42.10	-13	-29.10	-54.87	-49.29	0.81	8.00	H
	5716	-38.00	-13	-25.00	-57.59	-47.99	1.01	11.00	H
	7620	-46.04	-13	-33.04	-68.21	-58.28	1.46	13.70	H
	3808	-42.28	-13	-29.28	-55.35	-49.47	0.81	8.00	V
	5716	-33.15	-13	-20.15	-53.94	-43.14	1.01	11.00	V
	7620	-46.43	-13	-33.43	-68.92	-58.67	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	-39.58	-13	-26.58	-53.28	-46.77	0.81	8.00	H
	5551.77	-30.98	-13	-17.98	-52.43	-40.97	1.01	11.00	H
	7402.36	-47.15	-13	-34.15	-69.32	-59.39	1.46	13.70	H
	3701.18	-40.91	-13	-27.91	-54.16	-48.10	0.81	8.00	V
	5551.77	-31.30	-13	-18.30	-52.46	-41.29	1.01	11.00	V
	7402.36	-47.36	-13	-34.36	-69.85	-59.60	1.46	13.70	V
Middle	3751.18	-36.68	-13	-23.68	-50.82	-43.87	0.81	8.00	H
	5626.77	-29.39	-13	-16.39	-51.00	-39.38	1.01	11.00	H
	7502.36	-47.23	-13	-34.23	-69.40	-59.47	1.46	13.70	H
	3751.18	-39.05	-13	-26.05	-52.76	-46.24	0.81	8.00	V
	5626.77	-26.56	-13	-13.56	-48.67	-36.55	1.01	11.00	V
	7502.36	-46.52	-13	-33.52	-69.01	-58.76	1.46	13.70	V
Highest	3801.18	-38.01	-13	-25.01	-52.19	-45.20	0.81	8.00	H
	5701.77	-33.91	-13	-20.91	-54.58	-43.90	1.01	11.00	H
	7602.36	-46.71	-13	-33.71	-68.88	-58.95	1.46	13.70	H
	3801.18	-39.43	-13	-26.43	-53.08	-46.62	0.81	8	V
	5701.77	-29.13	-13	-16.13	-50.77	-39.12	1.01	11	V
	7602.36	-46.77	-13	-33.77	-69.26	-59.01	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	-34.16	-13	-21.16	-48.59	-41.35	0.81	8.00	H
	5552.52	-25.11	-13	-12.11	-47.34	-35.10	1.01	11.00	H
	7403.36	-47.18	-13	-34.18	-69.35	-59.42	1.46	13.70	H
	3701.68	-36.65	-13	-23.65	-50.6	-43.84	0.81	8.00	V
	5552.52	-25.43	-13	-12.43	-47.59	-35.42	1.01	11.00	V
	7403.36	-46.82	-13	-33.82	-69.31	-59.06	1.46	13.70	V
Middle	3746.68	-32.88	-13	-19.88	-47.51	-40.07	0.81	8.00	H
	5620.02	-25.16	-13	-12.16	-47.38	-35.15	1.01	11.00	H
	7493.36	-48.20	-13	-35.20	-70.37	-60.44	1.46	13.70	H
	3746.68	-38.92	-13	-25.92	-52.65	-46.11	0.81	8.00	V
	5620.02	-29.18	-13	-16.18	-50.81	-39.17	1.01	11.00	V
	7493.36	-47.19	-13	-34.19	-69.68	-59.43	1.46	13.70	V
Highest	3791.68	-40.72	-13	-27.72	-54.20	-47.91	0.81	8.00	H
	5687.52	-31.66	-13	-18.66	-52.87	-41.65	1.01	11.00	H
	7583.36	-47.89	-13	-34.89	-70.06	-60.13	1.46	13.70	H
	3791.68	-45.86	-13	-32.86	-58.93	-53.05	0.81	8.00	V
	5687.52	-34.01	-13	-21.01	-54.78	-44.00	1.01	11.00	V
	7583.36	-47.49	-13	-34.49	-69.98	-59.73	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	-32.48	-13	-19.48	-47.09	-39.67	0.81	8.00	H
	5553.27	-24.41	-13	-11.41	-46.53	-34.40	1.01	11.00	H
	7404.36	-46.58	-13	-33.58	-68.75	-58.82	1.46	13.70	H
	3702.18	-37.61	-13	-24.61	-51.52	-44.80	0.81	8.00	V
	5553.27	-25.62	-13	-12.62	-47.79	-35.61	1.01	11.00	V
	7404.36	-46.49	-13	-33.49	-68.98	-58.73	1.46	13.70	V
Middle	3742.18	-35.08	-13	-22.08	-49.59	-42.27	0.81	8.00	H
	5613.27	-26.94	-13	-13.94	-48.95	-36.93	1.01	11.00	H
	7484.36	-48.23	-13	-35.23	-70.40	-60.47	1.46	13.70	H
	3742.18	-41.71	-13	-28.71	-54.82	-48.90	0.81	8.00	V
	5613.27	-27.48	-13	-14.48	-49.46	-37.47	1.01	11.00	V
	7484.36	-47.97	-13	-34.97	-70.46	-60.21	1.46	13.70	V
Highest	3782.18	-40.22	-13	-27.22	-53.68	-47.41	0.81	8.00	H
	5673.27	-35.68	-13	-22.68	-55.89	-45.67	1.01	11.00	H
	7564.36	-48.07	-13	-35.07	-70.24	-60.31	1.46	13.70	H
	3782.18	-46.36	-13	-33.36	-59.43	-53.55	0.81	8.00	V
	5673.27	-40.20	-13	-27.20	-59.26	-50.19	1.01	11.00	V
	7564.36	-47.41	-13	-34.41	-69.9	-59.65	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	-43.35	-13	-30.35	-55.15	-55.10	0.85	12.60	H
	5130.48	-24.57	-13	-11.57	-42.41	-36.32	0.95	12.70	H
	6840.64	-53.88	-13	-40.88	-70.51	-64.40	1.18	11.70	H
	3420.32	-45.70	-13	-32.70	-55.89	-57.49	0.81	12.60	V
	5130.48	-26.67	-13	-13.67	-44.72	-38.42	0.95	12.70	V
	6840.64	-49.66	-13	-36.66	-66.84	-60.23	1.13	11.70	V
Middle	3463.74	-49.76	-13	-36.76	-61.56	-61.51	0.85	12.60	H
	5195.61	-31.63	-13	-18.63	-48.83	-43.38	0.95	12.70	H
	6927.48	-54.74	-13	-41.74	-71.37	-65.26	1.18	11.70	H
	3463.74	-50.61	-13	-37.61	-60.84	-62.40	0.81	12.60	V
	5195.61	-35.78	-13	-22.78	-52.73	-47.53	0.95	12.70	V
	6927.48	-53.15	-13	-40.15	-70.33	-63.72	1.13	11.70	V
Highest	3507.52	-46.63	-13	-33.63	-58.43	-58.38	0.85	12.60	H
	5261.28	-30.96	-13	-17.96	-48.28	-42.71	0.95	12.70	H
	7015.04	-54.12	-13	-41.12	-70.75	-64.64	1.18	11.70	H
	3507.52	-50.98	-13	-37.98	-61.21	-62.77	0.81	12.60	V
	5261.28	-32.28	-13	-19.28	-49.85	-44.03	0.95	12.70	V
	7015.04	-52.54	-13	-39.54	-69.72	-63.11	1.13	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	-41.55	-13	-28.55	-53.35	-53.30	0.85	12.60	H
	5130.72	-27.00	-13	-14.00	-44.53	-38.75	0.95	12.70	H
	6840.96	-53.59	-13	-40.59	-70.22	-64.11	1.18	11.70	H
	3420.48	-45.80	-13	-32.80	-56	-57.59	0.81	12.60	V
	5130.72	-28.04	-13	-15.04	-46.14	-39.79	0.95	12.70	V
	6840.96	-50.76	-13	-37.76	-67.94	-61.33	1.13	11.70	V
Middle	3462.3	-48.23	-13	-35.23	-60.03	-59.98	0.85	12.60	H
	5193.45	-32.98	-13	-19.98	-49.96	-44.73	0.95	12.70	H
	6924.6	-53.91	-13	-40.91	-70.54	-64.43	1.18	11.70	H
	3462.3	-52.01	-13	-39.01	-62.24	-63.80	0.81	12.6	V
	5193.45	-33.79	-13	-20.79	-51.07	-45.54	0.95	12.7	V
	6924.6	-52.86	-13	-39.86	-70.04	-63.43	1.13	11.7	V
Highest	3504.48	-44.79	-13	-31.79	-56.59	-56.54	0.85	12.60	H
	5256.72	-30.68	-13	-17.68	-48.03	-42.43	0.95	12.70	H
	7008.96	-54.35	-13	-41.35	-70.98	-64.87	1.18	11.70	H
	3504.48	-49.51	-13	-36.51	-59.74	-61.30	0.81	12.6	V
	5256.72	-30.95	-13	-17.95	-48.77	-42.70	0.95	12.7	V
	7008.96	-53.03	-13	-40.03	-70.21	-63.60	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	-41.16	-13	-28.16	-52.96	-52.91	0.85	12.60	H
	5131.02	-27.60	-13	-14.60	-45.20	-39.35	0.95	12.70	H
	6841.36	-54.37	-13	-41.37	-71.00	-64.89	1.18	11.70	H
	3420.68	-46.12	-13	-33.12	-56.34	-57.91	0.81	12.6	V
	5131.02	-27.92	-13	-14.92	-46.02	-39.67	0.95	12.7	V
	6841.36	-51.44	-13	-38.44	-68.62	-62.01	1.13	11.7	V
Middle	3460.68	-46.96	-13	-33.96	-58.76	-58.71	0.85	12.60	H
	5191.02	-30.62	-13	-17.62	-47.98	-42.37	0.95	12.70	H
	6921.36	-53.97	-13	-40.97	-70.60	-64.49	1.18	11.70	H
	3460.68	-50.35	-13	-37.35	-60.58	-62.14	0.81	12.60	V
	5191.02	-36.59	-13	-23.59	-53.4	-48.34	0.95	12.70	V
	6921.36	-53.20	-13	-40.20	-70.38	-63.77	1.13	11.70	V
Highest	3500.68	-44.95	-13	-31.95	-56.75	-56.70	0.85	12.60	H
	5251.02	-29.66	-13	-16.66	-47.11	-41.41	0.95	12.70	H
	7001.36	-53.36	-13	-40.36	-69.99	-63.88	1.18	11.70	H
	3500.68	-48.89	-13	-35.89	-59.12	-60.68	0.81	12.60	V
	5251.02	-30.88	-13	-17.88	-48.7	-42.63	0.95	12.70	V
	7001.36	-53.15	-13	-40.15	-70.33	-63.72	1.13	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	-42.14	-13	-29.14	-53.94	-53.89	0.85	12.60	H
	5131.77	-27.10	-13	-14.10	-44.64	-38.85	0.95	12.70	H
	6842.36	-53.67	-13	-40.67	-70.30	-64.19	1.18	11.70	H
	3421.18	-46.18	-13	-33.18	-56.4	-57.97	0.81	12.6	V
	5131.77	-28.98	-13	-15.98	-46.93	-40.73	0.95	12.7	V
	6842.36	-51.20	-13	-38.20	-68.38	-61.77	1.13	11.7	V
Middle	3456.18	-47.97	-13	-34.97	-59.77	-59.72	0.85	12.60	H
	5184.27	-36.01	-13	-23.01	-52.46	-47.76	0.95	12.70	H
	6912.36	-54.56	-13	-41.56	-71.19	-65.08	1.18	11.70	H
	3456.18	-51.43	-13	-38.43	-61.66	-63.22	0.81	12.6	V
	5184.27	-37.28	-13	-24.28	-53.94	-49.03	0.95	12.7	V
	6912.36	-52.01	-13	-39.01	-69.19	-62.58	1.13	11.7	V
Highest	3491.18	-44.36	-13	-31.36	-56.16	-56.11	0.85	12.60	H
	5236.77	-31.50	-13	-18.50	-48.72	-43.25	0.95	12.70	H
	6982.36	-54.35	-13	-41.35	-70.98	-64.87	1.18	11.70	H
	3491.18	-47.67	-13	-34.67	-57.9	-59.46	0.81	12.60	V
	5236.77	-31.39	-13	-18.39	-49.14	-43.14	0.95	12.70	V
	6982.36	-52.67	-13	-39.67	-69.85	-63.24	1.13	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	-43.31	-13	-30.31	-55.11	-55.06	0.85	12.60	H
	5132.52	-27.47	-13	-14.47	-45.06	-39.22	0.95	12.70	H
	6843.36	-54.11	-13	-41.11	-70.74	-64.63	1.18	11.70	H
	3421.68	-45.59	-13	-32.59	-55.76	-57.38	0.81	12.60	V
	5132.52	-27.74	-13	-14.74	-45.82	-39.49	0.95	12.70	V
	6843.36	-51.16	-13	-38.16	-68.34	-61.73	1.13	11.70	V
Middle	3451.68	-46.77	-13	-33.77	-58.57	-58.52	0.85	12.60	H
	5177.52	-31.96	-13	-18.96	-49.10	-43.71	0.95	12.70	H
	6903.36	-54.54	-13	-41.54	-71.17	-65.06	1.18	11.70	H
	3451.68	-48.34	-13	-35.34	-58.57	-60.13	0.81	12.60	V
	5177.52	-31.34	-13	-18.34	-49.1	-43.09	0.95	12.70	V
	6903.36	-53.99	-13	-40.99	-71.17	-64.56	1.13	11.70	V
Highest	3481.68	-43.76	-13	-30.76	-55.56	-55.51	0.85	12.60	H
	5222.52	-28.00	-13	-15.00	-45.65	-39.75	0.95	12.70	H
	6963.36	-54.43	-13	-41.43	-71.06	-64.95	1.18	11.70	H
	3481.68	-48.80	-13	-35.80	-59.03	-60.59	0.81	12.60	V
	5222.52	-27.37	-13	-14.37	-45.41	-39.12	0.95	12.70	V
	6963.36	-50.34	-13	-37.34	-67.52	-60.91	1.13	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	-42.13	-13	-29.13	-53.93	-53.88	0.85	12.60	H
	5133.27	-27.30	-13	-14.30	-44.86	-39.05	0.95	12.70	H
	6844.36	-54.48	-13	-41.48	-71.11	-65.00	1.18	11.70	H
	3422.18	-46.33	-13	-33.33	-56.55	-58.12	0.81	12.6	V
	5133.27	-27.25	-13	-14.25	-45.27	-39.00	0.95	12.7	V
	6844.36	-51.60	-13	-38.60	-68.78	-62.17	1.13	11.7	V
Middle	3447.18	-45.87	-13	-32.87	-57.67	-57.62	0.85	12.60	H
	5170.77	-29.64	-13	-16.64	-47.09	-41.39	0.95	12.70	H
	6894.36	-53.91	-13	-40.91	-70.54	-64.43	1.18	11.70	H
	3447.18	-50.10	-13	-37.10	-60.33	-61.89	0.81	12.60	V
	5170.77	-32.97	-13	-19.97	-50.34	-44.72	0.95	12.70	V
	6894.36	-51.47	-13	-38.47	-68.65	-62.04	1.13	11.70	V
Highest	3472.18	-46.25	-13	-33.25	-58.05	-58.00	0.85	12.60	H
	5208.27	-30.51	-13	-17.51	-47.88	-42.26	0.95	12.70	H
	6944.36	-53.30	-13	-40.30	-69.93	-63.82	1.18	11.70	H
	3472.18	-51.43	-13	-38.43	-61.66	-63.22	0.81	12.60	V
	5208.27	-33.68	-13	-20.68	-50.97	-45.43	0.95	12.70	V
	6944.36	-54.03	-13	-41.03	-71.21	-64.60	1.13	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	-26.07	-25	-1.07	-46.87	-35.12	0.95	10.00	H
	7501.02	-38.37	-25	-13.37	-63.99	-50.61	1.46	13.70	H
	10001.36	-41.65	-25	-16.65	-69.20	-53.54	1.31	13.20	H
	5000.68	-25.36	-25	-0.36	-46.45	-34.41	0.95	10.00	V
	7501.02	-39.14	-25	-14.14	-63.47	-51.38	1.46	13.70	V
	10001.36	-42.73	-25	-17.73	-69.21	-54.62	1.31	13.20	V
Middle	5065.68	-26.67	-25	-1.67	-47.44	-35.72	0.95	10.00	H
	7598.52	-36.44	-25	-11.44	-62.06	-48.68	1.46	13.70	H
	10131.36	-43.76	-25	-18.76	-71.31	-55.65	1.31	13.20	H
	5065.68	-27.73	-25	-2.73	-48.72	-36.78	0.95	10.00	V
	7598.52	-38.98	-25	-13.98	-63.31	-51.22	1.46	13.70	V
	10131.36	-44.21	-25	-19.21	-70.69	-56.10	1.31	13.20	V
Highest	5130.68	-30.65	-25	-5.65	-50.99	-39.70	0.95	10.00	H
	7696.02	-37.83	-25	-12.83	-63.45	-50.07	1.46	13.70	H
	10261.36	-44.32	-25	-19.32	-71.87	-56.21	1.31	13.20	H
	5130.68	-29.70	-25	-4.70	-50.37	-38.75	0.95	10.00	V
	7696.02	-39.33	-25	-14.33	-63.66	-51.57	1.46	13.70	V
	10261.36	-44.29	-25	-19.29	-70.77	-56.18	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	-25.71	-25	-0.71	-46.51	-34.76	0.95	10.00	H
	7501.77	-37.43	-25	-12.43	-63.05	-49.67	1.46	13.70	H
	10002.36	-42.46	-25	-17.46	-70.01	-54.35	1.31	13.20	H
	5001.18	-25.70	-25	-0.70	-46.79	-34.75	0.95	10.00	V
	7501.77	-40.26	-25	-15.26	-64.59	-52.50	1.46	13.70	V
	10002.36	-42.96	-25	-17.96	-69.44	-54.85	1.31	13.20	V
Middle	5061.18	-27.28	-25	-2.28	-48.02	-36.33	0.95	10.00	H
	7591.77	-36.49	-25	-11.49	-62.11	-48.73	1.46	13.70	H
	10122.36	-43.16	-25	-18.16	-70.71	-55.05	1.31	13.20	H
	5061.18	-26.97	-25	-1.97	-48.01	-36.02	0.95	10.00	V
	7591.77	-39.44	-25	-14.44	-63.77	-51.68	1.46	13.70	V
	10122.36	-44.32	-25	-19.32	-70.8	-56.21	1.31	13.20	V
Highest	5121.18	-29.59	-25	-4.59	-50.02	-38.64	0.95	10.00	H
	7681.77	-39.08	-25	-14.08	-64.70	-51.32	1.46	13.70	H
	10242.36	-44.18	-25	-19.18	-71.73	-56.07	1.31	13.20	H
	5121.18	-29.12	-25	-4.12	-49.8	-38.17	0.95	10.00	V
	7681.77	-38.31	-25	-13.31	-62.64	-50.55	1.46	13.70	V
	10242.36	-44.33	-25	-19.33	-70.81	-56.22	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	-25.59	-25	-0.59	-46.39	-34.64	0.95	10.00	H
	7502.52	-37.95	-25	-12.95	-63.57	-50.19	1.46	13.70	H
	10003.36	-42.88	-25	-17.88	-70.43	-54.77	1.31	13.20	H
	5001.68	-26.19	-25	-1.19	-47.26	-35.24	0.95	10.00	V
	7502.52	-39.38	-25	-14.38	-63.71	-51.62	1.46	13.70	V
	10003.36	-43.17	-25	-18.17	-69.65	-55.06	1.31	13.20	V
Middle	5056.68	-27.19	-25	-2.19	-48.85	-36.24	0.95	10.00	H
	7585.02	-37.36	-25	-12.36	-62.98	-49.60	1.46	13.70	H
	10131.36	-44.60	-25	-19.60	-72.15	-56.49	1.31	13.20	H
	5056.68	-26.51	-25	-1.51	-47.57	-35.56	0.95	10.00	V
	7585.02	-39.20	-25	-14.20	-63.53	-51.44	1.46	13.70	V
	10131.36	-45.77	-25	-20.77	-72.25	-57.66	1.31	13.20	V
Highest	5111.68	-30.22	-25	-5.22	-50.60	-39.27	0.95	10.00	H
	7667.52	-37.78	-25	-12.78	-63.40	-50.02	1.46	13.70	H
	10223.36	-43.84	-25	-18.84	-71.39	-55.73	1.31	13.20	H
	5111.68	-29.75	-25	-4.75	-50.42	-38.80	0.95	10.00	V
	7667.52	-40.38	-25	-15.38	-64.71	-52.62	1.46	13.70	V
	10223.36	-45.26	-25	-20.26	-71.74	-57.15	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	-26.08	-25	-1.08	-46.88	-35.13	0.95	10.00	H
	7503.27	-37.30	-25	-12.30	-62.92	-49.54	1.46	13.70	H
	10004.36	-42.54	-25	-17.54	-70.09	-54.43	1.31	13.20	H
	5002.18	-25.53	-25	-0.53	-46.62	-34.58	0.95	10.00	V
	7503.27	-39.93	-25	-14.93	-64.26	-52.17	1.46	13.70	V
	10004.36	-42.70	-25	-17.70	-69.18	-54.59	1.31	13.20	V
Middle	5052.18	-27.39	-25	-2.39	-48.12	-36.44	0.95	10.00	H
	7578.27	-36.97	-25	-11.97	-62.59	-49.21	1.46	13.70	H
	10104.36	-43.02	-25	-18.02	-70.57	-54.91	1.31	13.20	H
	5052.18	-27.17	-25	-2.17	-48.19	-36.22	0.95	10.00	V
	7578.27	-39.39	-25	-14.39	-63.72	-51.63	1.46	13.70	V
	10104.36	-45.12	-25	-20.12	-71.6	-57.01	1.31	13.20	V
Highest	5102.18	-30.50	-25	-5.50	-50.85	-39.55	0.95	10.00	H
	7653.27	-40.57	-25	-15.57	-66.19	-52.81	1.46	13.70	H
	10204.36	-44.67	-25	-19.67	-72.22	-56.56	1.31	13.20	H
	5102.18	-29.61	-25	-4.61	-50.28	-38.66	0.95	10.00	V
	7653.27	-37.94	-25	-12.94	-62.27	-50.18	1.46	13.70	V
	10204.36	-45.17	-25	-20.17	-71.65	-57.06	1.31	13.20	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	1408.5	-44.75	-13	-31.75	-49.15	-50.04	0.56	8.00	H
	2112.75	-39.81	-13	-26.81	-47.30	-47.41	0.65	10.40	H
	2817	-57.80	-13	-44.80	-64.88	-66.33	0.82	11.50	H
	3521.25	-57.00	-13	-44.00	-66.41	-66.60	0.85	12.60	H
	4225.5	-58.12	-13	-45.12	-69.53	-67.68	0.89	12.60	H
	4929.75	-56.91	-13	-43.91	-69.71	-66.52	0.94	12.70	H
	1408.5	-45.78	-13	-32.78	-50.20	-51.07	0.56	8.00	V
	2112.75	-39.17	-13	-26.17	-47.35	-46.77	0.65	10.40	V
	2817	-60.01	-13	-47.01	-67.34	-68.54	0.82	11.50	V
	3521.25	-58.83	-13	-45.83	-68.71	-68.43	0.85	12.60	V
	4225.5	-57.27	-13	-44.27	-70.08	-66.83	0.89	12.60	V
	4929.75	-55.78	-13	-42.78	-69.35	-65.39	0.94	12.70	V
Middle	1415.5	-49.89	-13	-36.89	-53.72	-55.18	0.56	8.00	H
	2123.25	-44.33	-13	-31.33	-51.06	-51.93	0.65	10.40	H
	2831	-58.92	-13	-45.92	-66.00	-67.45	0.82	11.50	H
	3538.75	-55.26	-13	-42.26	-64.67	-64.86	0.85	12.60	H
	4246.5	-57.85	-13	-44.85	-69.26	-67.41	0.89	12.60	H
	4954.25	-55.40	-13	-42.40	-68.20	-65.01	0.94	12.70	H
	1415.5	-53.41	-13	-40.41	-56.03	-58.70	0.56	8.00	V
	2123.25	-39.85	-13	-26.85	-47.86	-47.45	0.65	10.40	V
	2831	-59.01	-13	-46.01	-66.34	-67.54	0.82	11.50	V
	3538.75	-56.38	-13	-43.38	-66.26	-65.98	0.85	12.60	V
	4246.5	-56.15	-13	-43.15	-68.96	-65.71	0.89	12.60	V
	4954.25	-52.20	-13	-39.20	-65.77	-61.81	0.94	12.70	V
Highest	1422.5	-53.64	-13	-40.64	-56.72	-58.93	0.56	8.00	H
	2133.75	-40.14	-13	-27.14	-47.58	-47.74	0.65	10.40	H
	2845	-58.38	-13	-45.38	-65.46	-66.91	0.82	11.50	H
	3556.25	-55.46	-13	-42.46	-64.87	-65.06	0.85	12.60	H
	4267.5	-55.45	-13	-42.45	-66.86	-65.01	0.89	12.60	H
	4978.75	-55.73	-13	-42.73	-68.53	-65.34	0.94	12.70	H
	1422.5	-53.76	-13	-40.76	-56.27	-59.05	0.56	8.00	V
	2133.75	-39.74	-13	-26.74	-47.78	-47.34	0.65	10.40	V
	2845	-58.91	-13	-45.91	-66.24	-67.44	0.82	11.50	V
	3556.25	-54.49	-13	-41.49	-64.37	-64.09	0.85	12.60	V
	4267.5	-56.41	-13	-43.41	-69.22	-65.97	0.89	12.60	V
	4978.75	-51.78	-13	-38.78	-65.35	-61.39	0.94	12.70	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	-43.73	-13	-30.73	-48.31	-49.02	0.56	8.00	H
	2113.5	-41.56	-13	-28.56	-48.83	-49.16	0.65	10.40	H
	2818	-59.38	-13	-46.38	-66.46	-67.91	0.82	11.50	H
	3522.5	-55.95	-13	-42.95	-65.36	-65.55	0.85	12.60	H
	4227	-57.63	-13	-44.63	-69.04	-67.19	0.89	12.60	H
	4931.5	-56.25	-13	-43.25	-69.05	-65.86	0.94	12.70	H
	1409	-45.72	-13	-32.72	-50.13	-51.01	0.56	8.00	V
	2113.5	-41.33	-13	-28.33	-48.34	-48.93	0.65	10.40	V
	2818	-58.40	-13	-45.40	-65.73	-66.93	0.82	11.50	V
	3522.5	-58.45	-13	-45.45	-68.33	-68.05	0.85	12.60	V
	4227	-57.21	-13	-44.21	-70.02	-66.77	0.89	12.60	V
	4931.5	-54.71	-13	-41.71	-68.28	-64.32	0.94	12.70	V
Middle	1411	-51.04	-13	-38.04	-54.34	-56.33	0.56	8.00	H
	2116.5	-50.26	-13	-37.26	-55.63	-57.86	0.65	10.40	H
	2822	-59.70	-13	-46.70	-66.78	-68.23	0.82	11.50	H
	3527.5	-58.87	-13	-45.87	-68.28	-68.47	0.85	12.60	H
	4233	-57.94	-13	-44.94	-69.35	-67.50	0.89	12.60	H
	4938.5	-56.28	-13	-43.28	-69.08	-65.89	0.94	12.70	H
	1411	-52.33	-13	-39.33	-55.15	-57.62	0.56	8.00	V
	2116.5	-46.76	-13	-33.76	-52.75	-54.36	0.65	10.40	V
	2822	-59.20	-13	-46.20	-66.53	-67.73	0.82	11.50	V
	3527.5	-59.06	-13	-46.06	-68.94	-68.66	0.85	12.60	V
	4233	-56.60	-13	-43.60	-69.41	-66.16	0.89	12.60	V
	4938.5	-54.62	-13	-41.62	-68.19	-64.23	0.94	12.70	V
Highest	1413	-48.48	-13	-35.48	-52.46	-53.77	0.56	8.00	H
	2119.5	-40.84	-13	-27.84	-48.28	-48.44	0.65	10.40	H
	2826	-59.73	-13	-46.73	-66.81	-68.26	0.82	11.50	H
	3532.5	-56.78	-13	-43.78	-66.19	-66.38	0.85	12.60	H
	4239	-58.17	-13	-45.17	-69.58	-67.73	0.89	12.60	H
	4945.5	-56.64	-13	-43.64	-69.44	-66.25	0.94	12.70	H
	1413	-47.20	-13	-34.20	-51.46	-52.49	0.56	8.00	V
	2119.5	-42.05	-13	-29.05	-48.90	-49.65	0.65	10.40	V
	2826	-58.76	-13	-45.76	-66.09	-67.29	0.82	11.50	V
	3532.5	-57.25	-13	-44.25	-67.13	-66.85	0.85	12.60	V
	4239	-56.63	-13	-43.63	-69.44	-66.19	0.89	12.60	V
	4945.5	-53.07	-13	-40.07	-66.64	-62.68	0.94	12.70	V

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