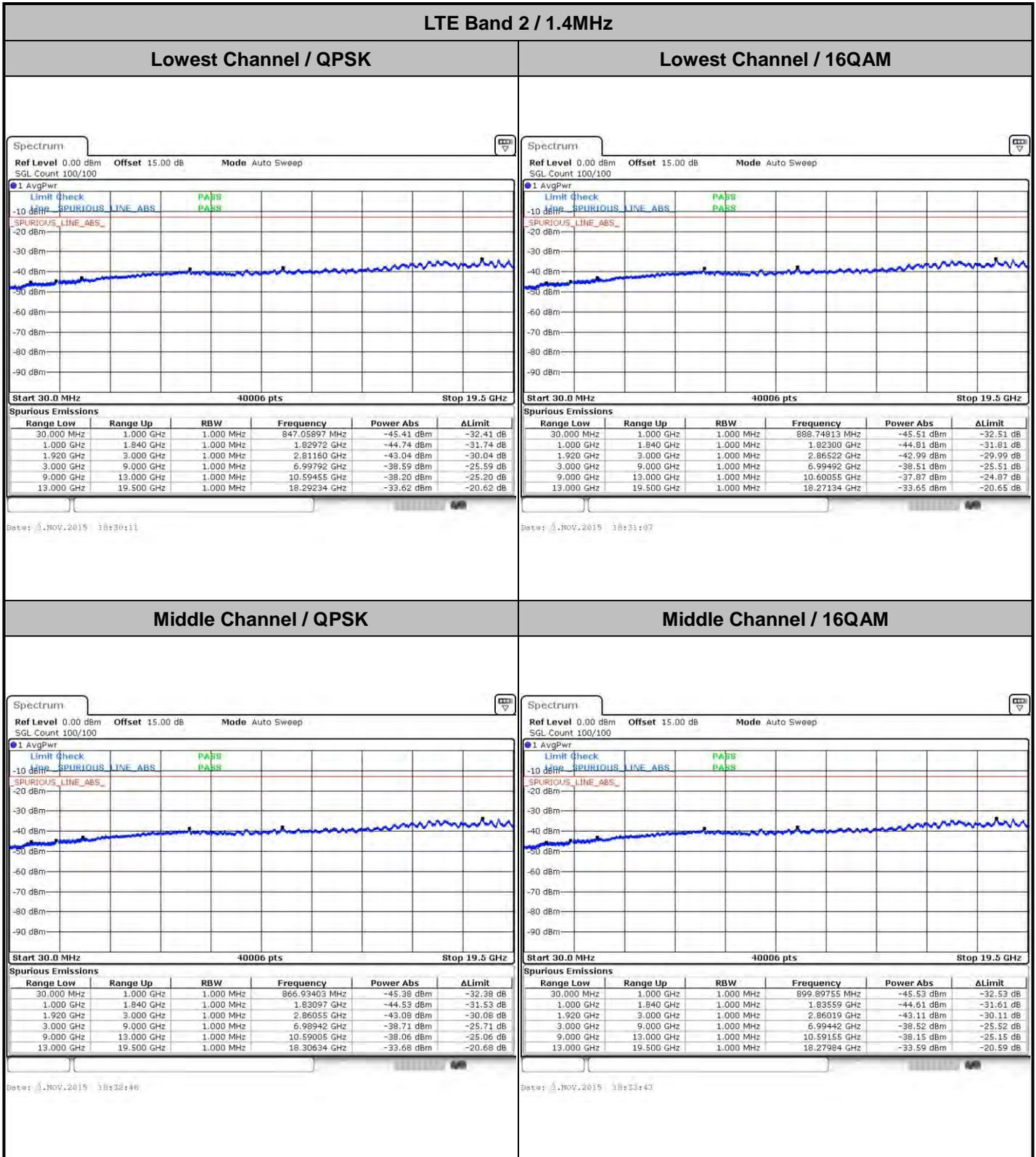




Conducted Spurious Emission





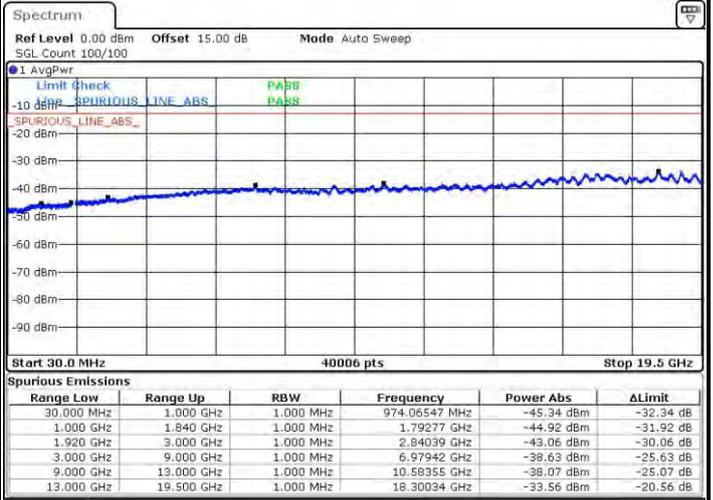
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 3.NOV.2015 18:40:03

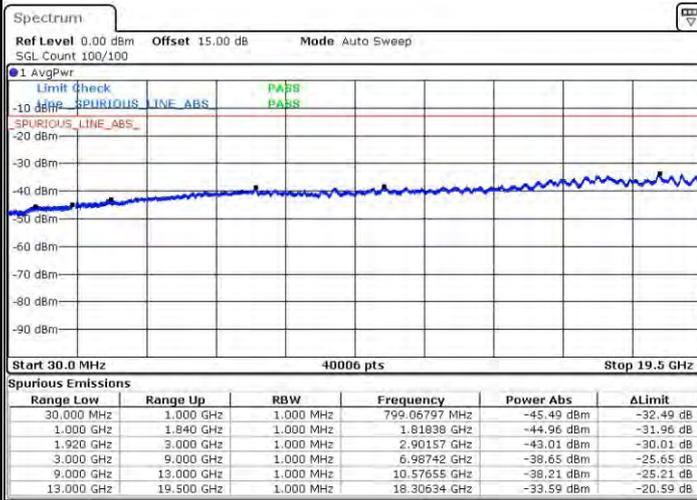
Highest Channel / 16QAM



Date: 3.NOV.2015 18:40:59

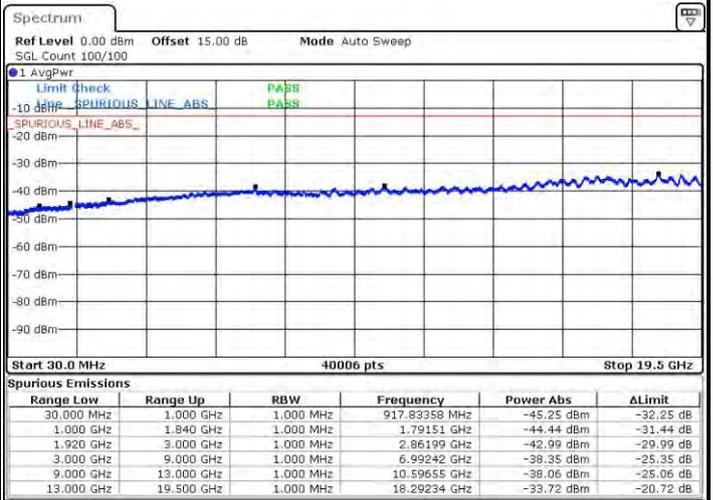
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 3.NOV.2015 18:47:19

Lowest Channel / 16QAM

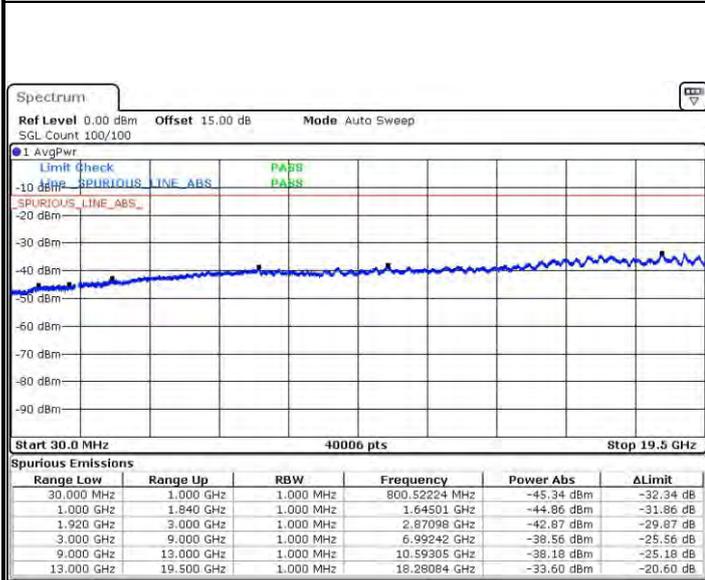


Date: 3.NOV.2015 18:48:16



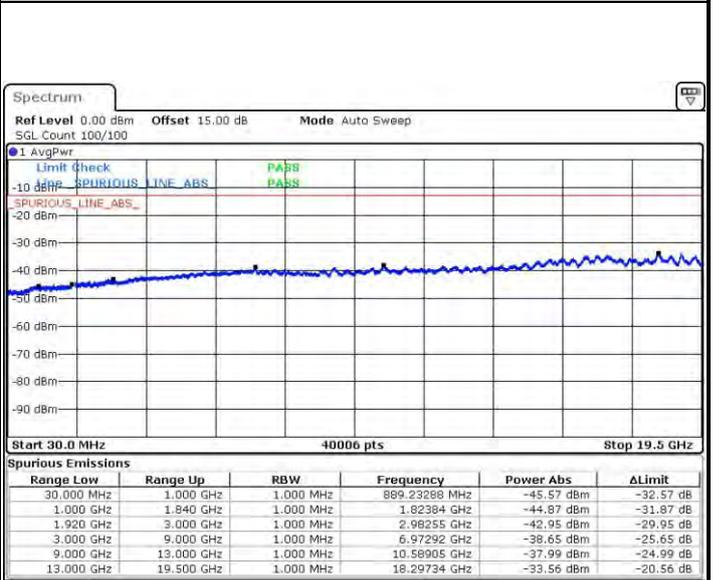
LTE Band 2 / 3MHz

Middle Channel / QPSK



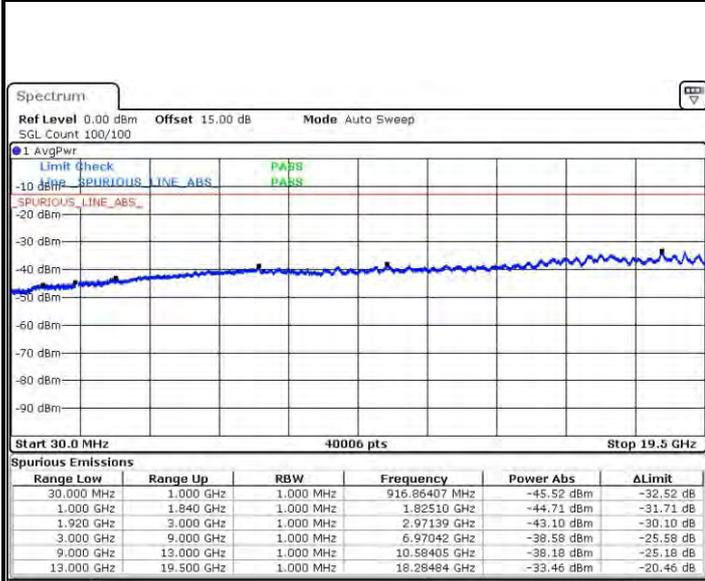
Date: 3.NOV.2015 18:49:59

Middle Channel / 16QAM



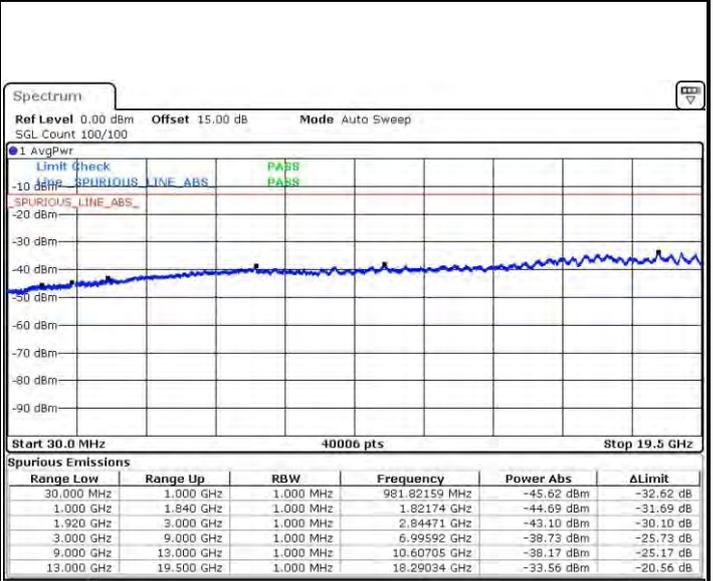
Date: 3.NOV.2015 18:50:52

Highest Channel / QPSK



Date: 3.NOV.2015 18:57:11

Highest Channel / 16QAM



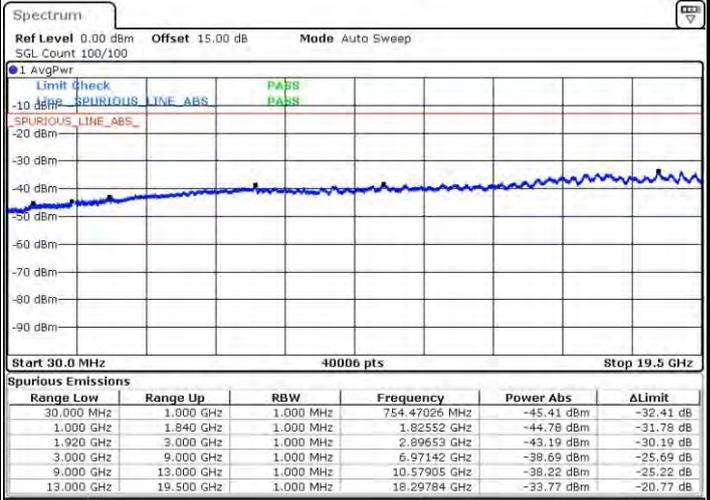
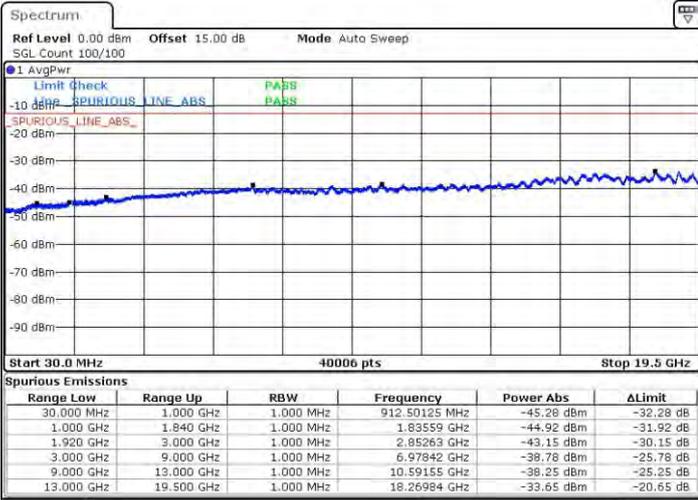
Date: 3.NOV.2015 18:58:00



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

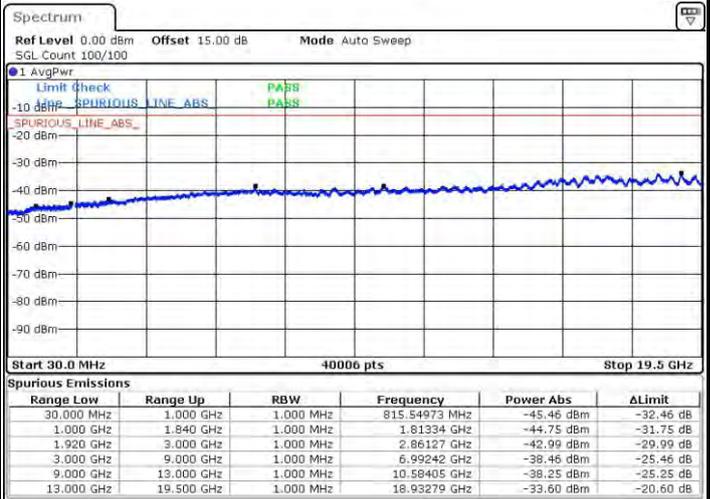
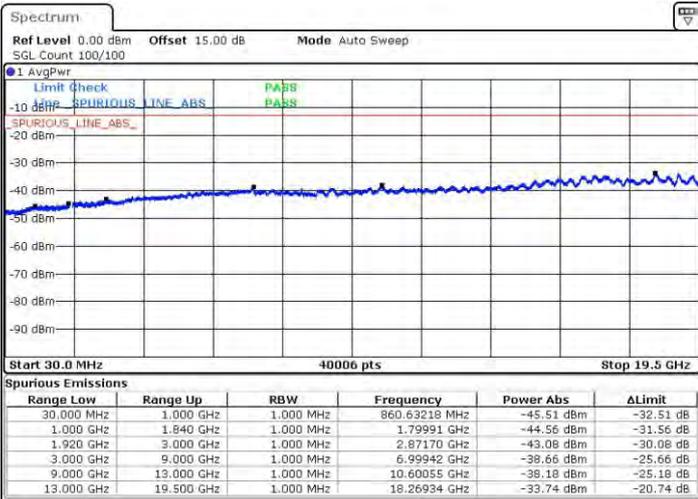


Date: 3.NOV.2015 19:04:20

Date: 3.NOV.2015 19:05:24

Middle Channel / QPSK

Middle Channel / 16QAM



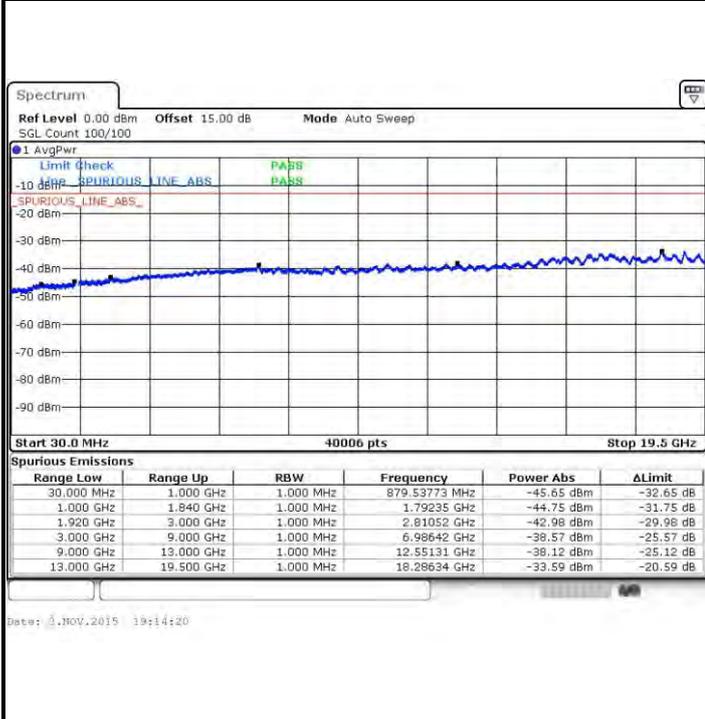
Date: 3.NOV.2015 19:07:03

Date: 3.NOV.2015 19:08:00



LTE Band 2 / 5MHz

Highest Channel / QPSK

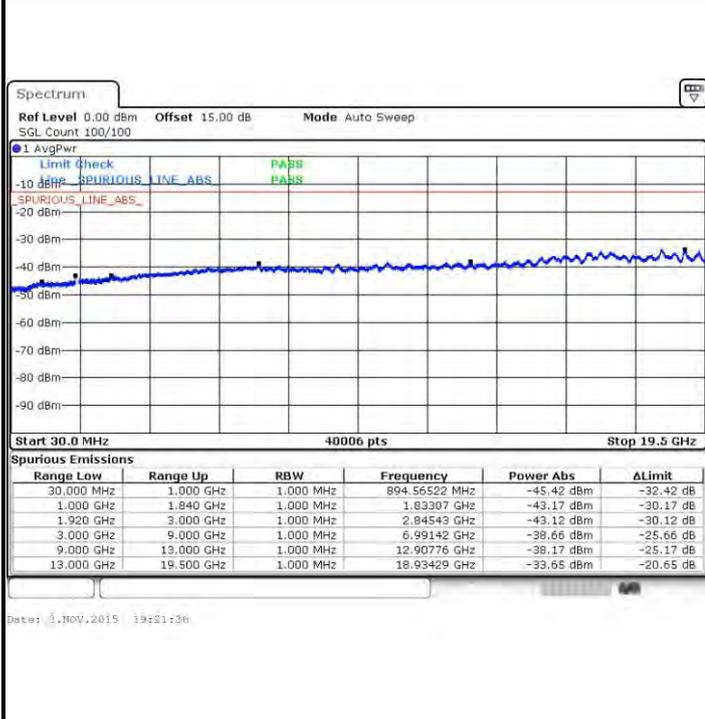


Highest Channel / 16QAM

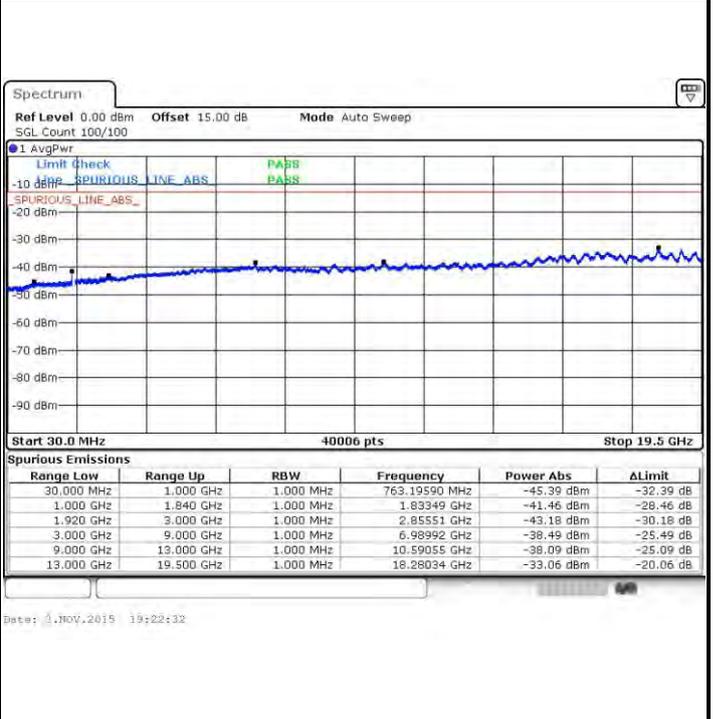


LTE Band 2 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

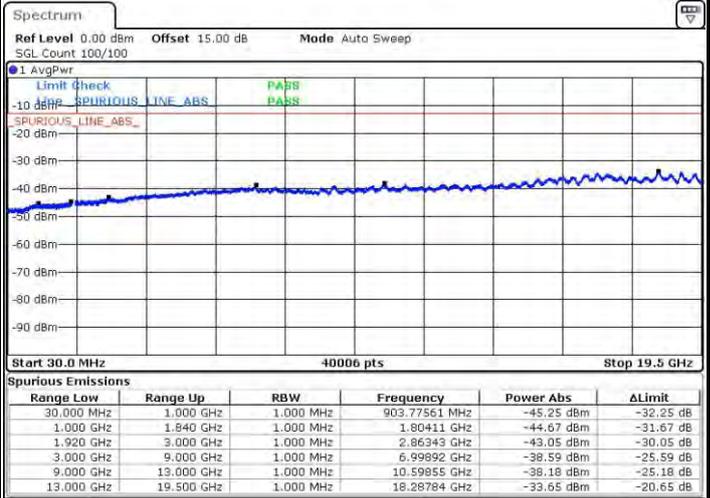




LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

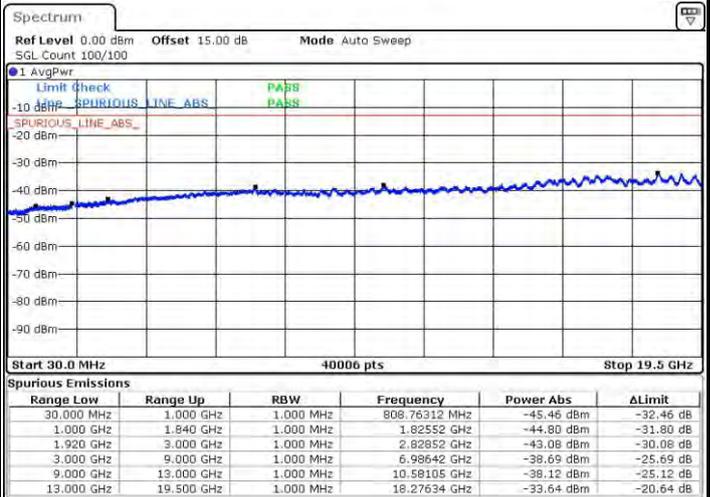
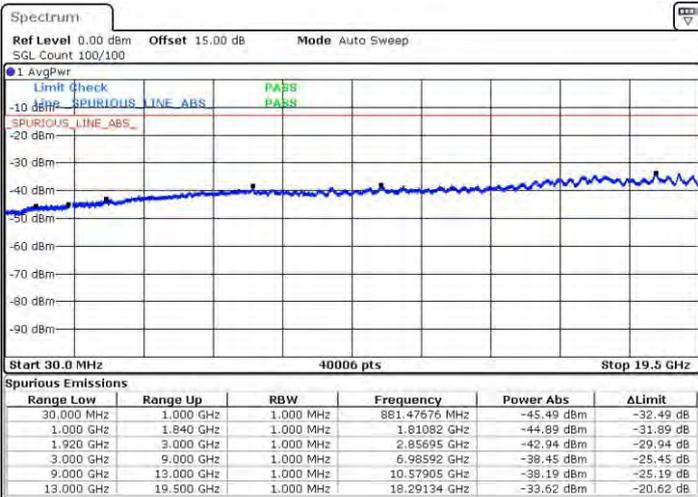


Date: 3.NOV.2015 19:24:12

Date: 3.NOV.2015 19:25:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.NOV.2015 19:31:28

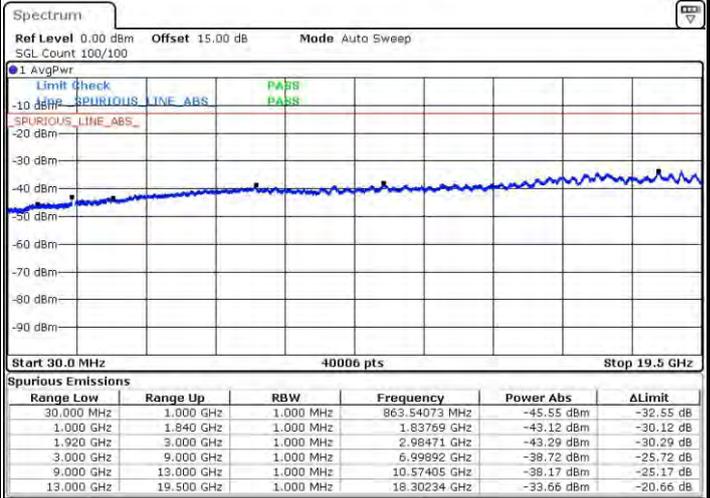
Date: 3.NOV.2015 19:32:24



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

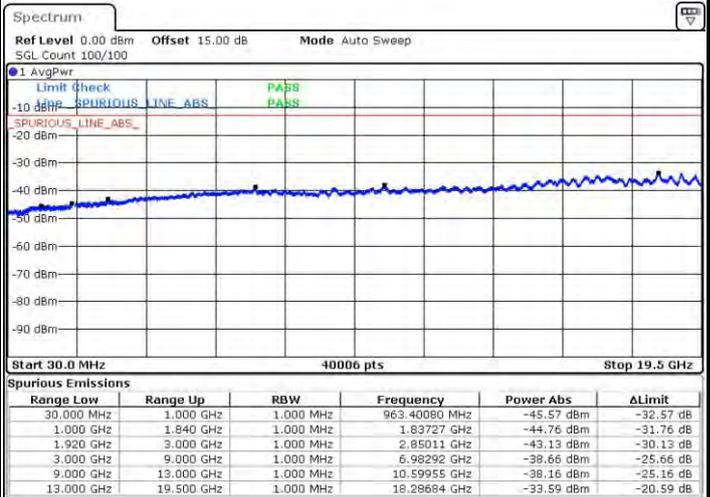
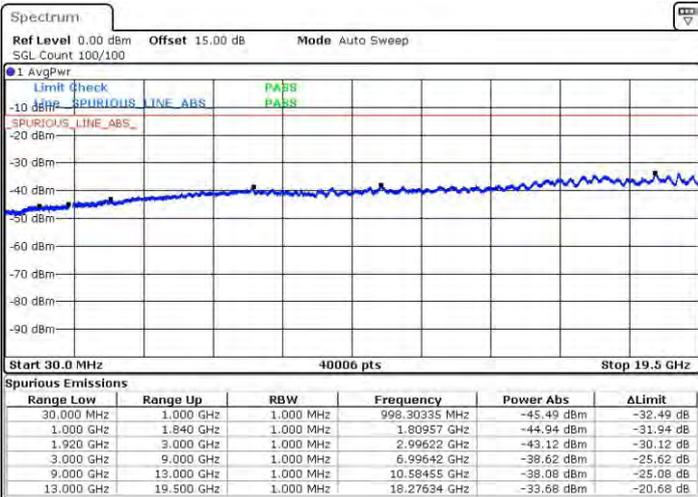


Date: 3.NOV.2015 19:38:44

Date: 3.NOV.2015 19:39:40

Middle Channel / QPSK

Middle Channel / 16QAM



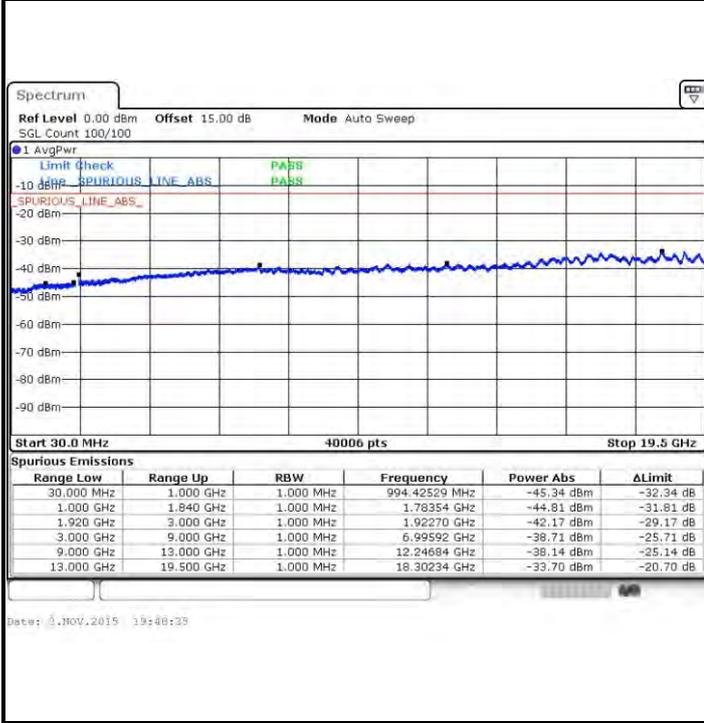
Date: 3.NOV.2015 19:41:20

Date: 3.NOV.2015 19:42:16

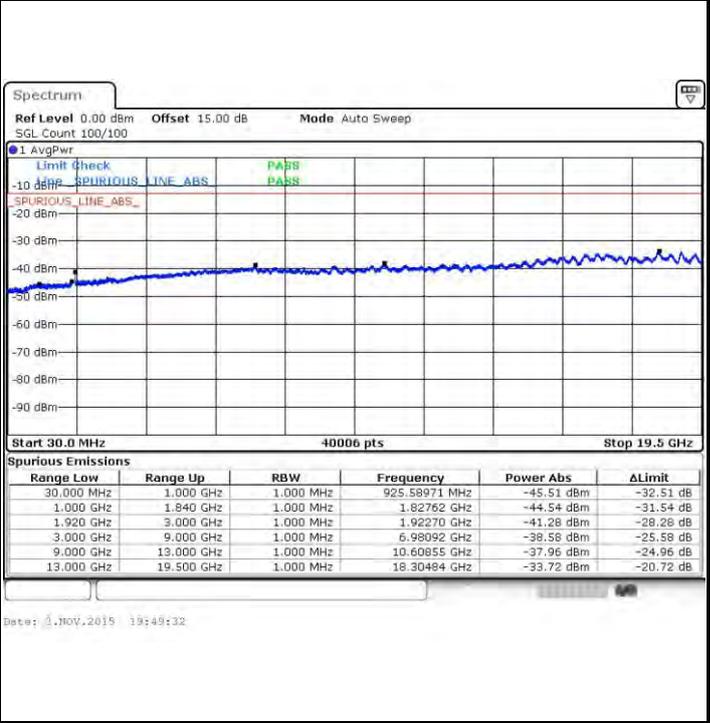


LTE Band 2 / 15MHz

Highest Channel / QPSK



Highest Channel / 16QAM

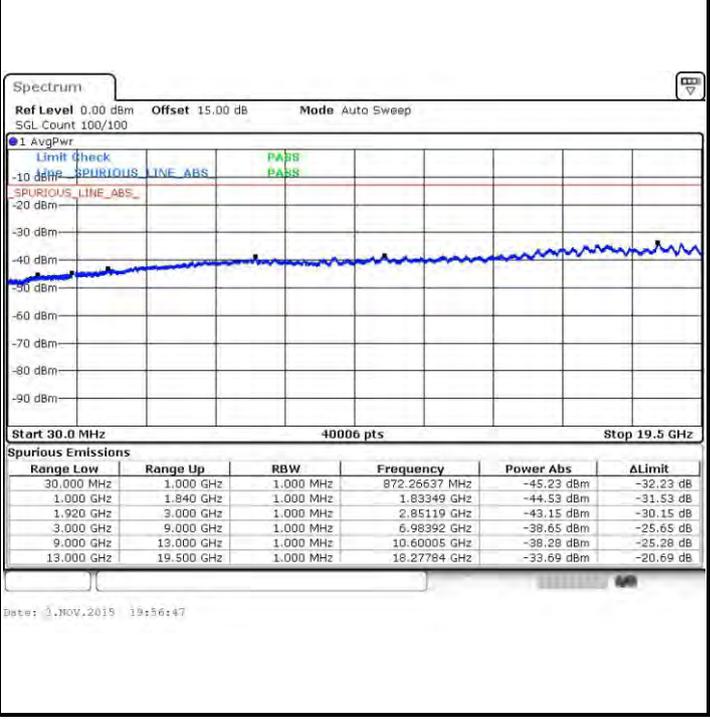


LTE Band 2 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

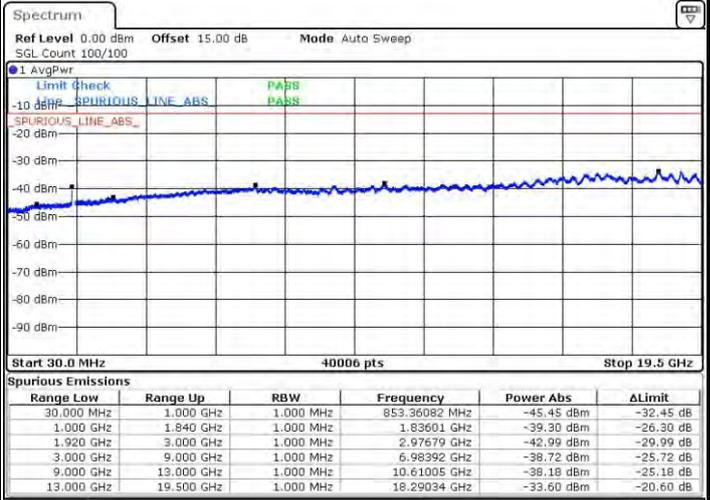




LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

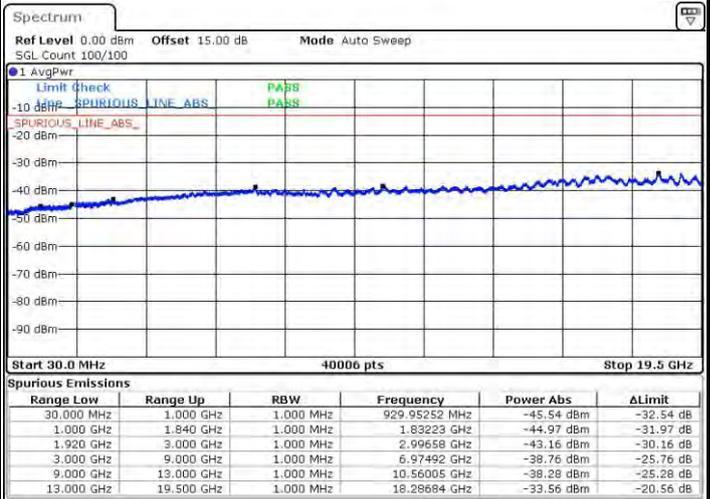
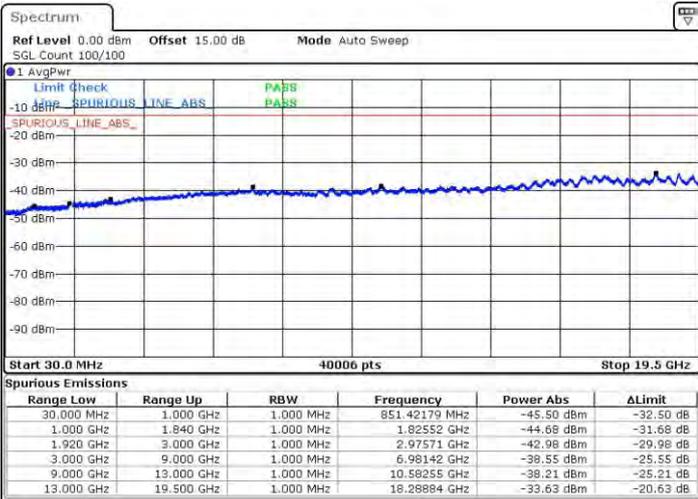


Date: 3.NOV.2015 19:58:26

Date: 3.NOV.2015 19:59:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.NOV.2015 20:05:42

Date: 3.NOV.2015 20:06:39



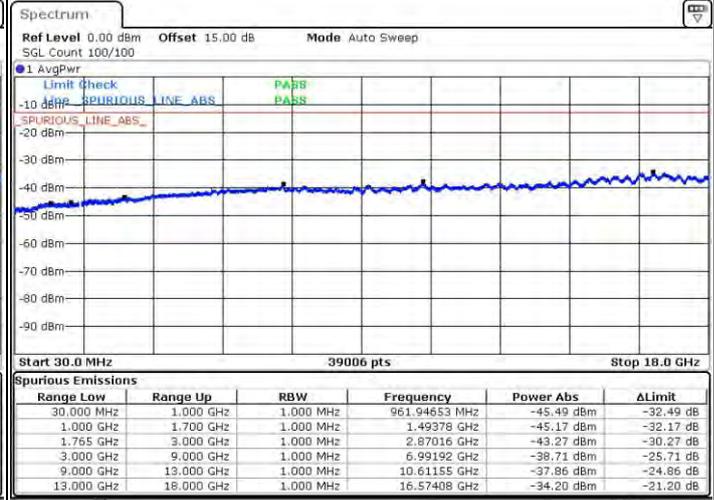
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



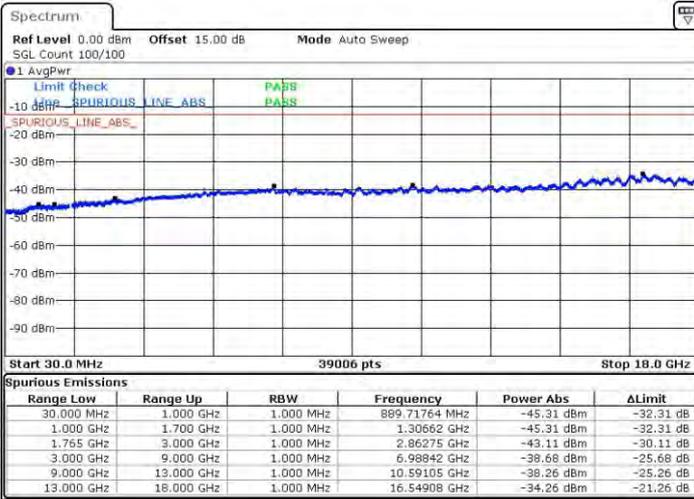
Date: 3.NOV.2015 20:31:02



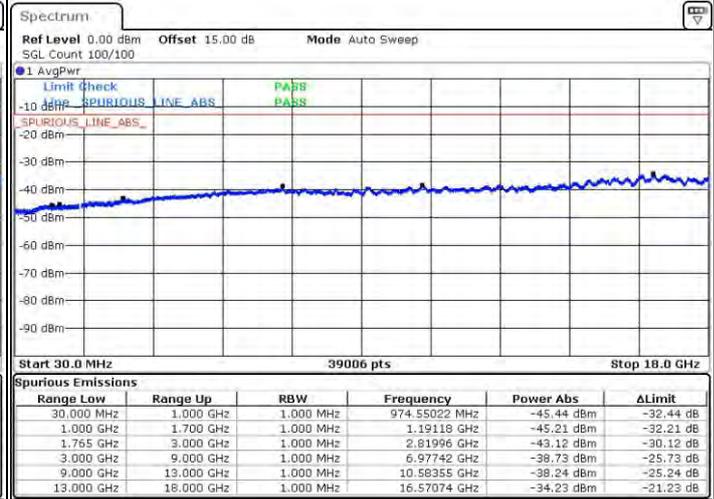
Date: 3.NOV.2015 20:31:58

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.NOV.2015 20:33:38



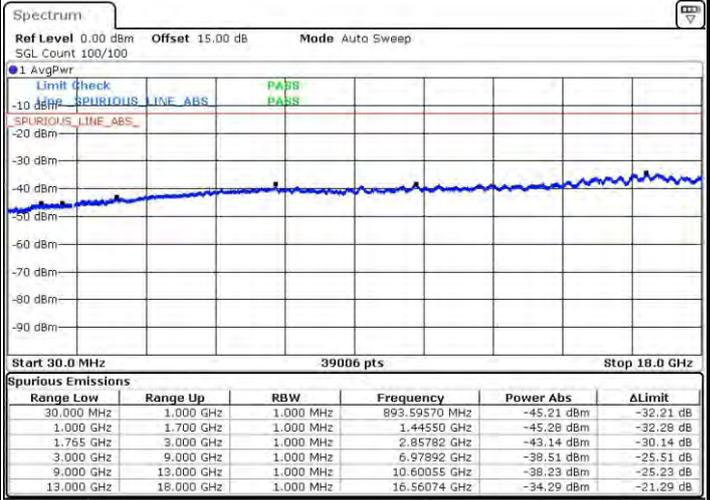
Date: 3.NOV.2015 20:34:34



LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



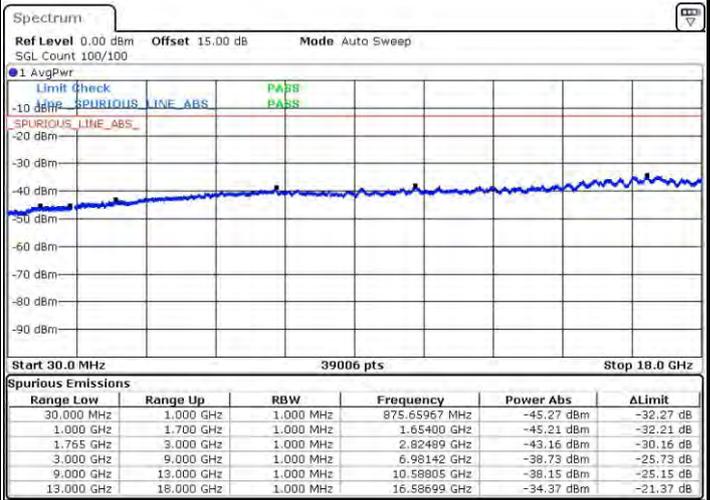
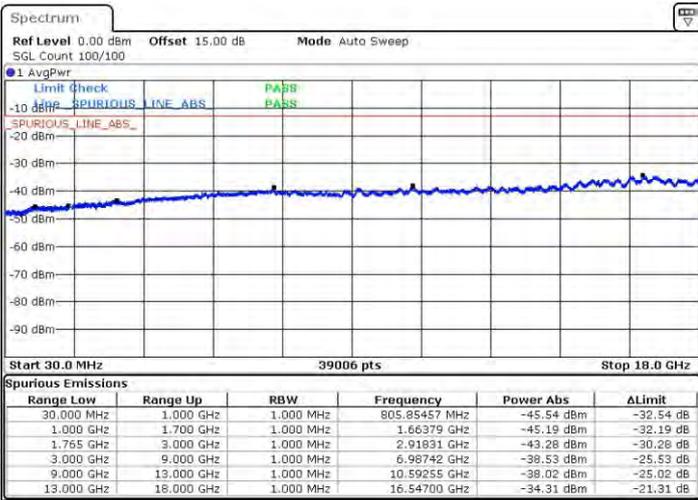
Date: 3.NOV.2015 20:40:52

Date: 3.NOV.2015 20:41:48

LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.NOV.2015 20:48:07

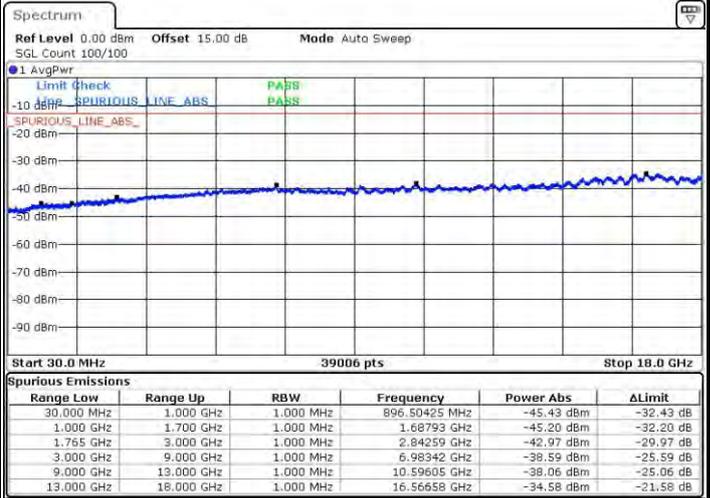
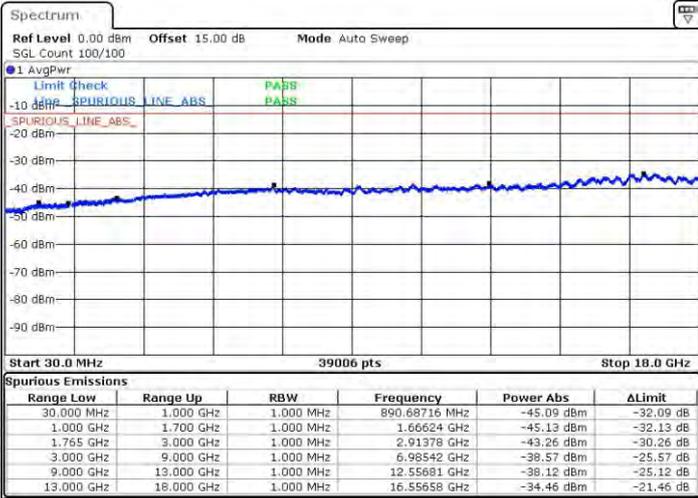
Date: 3.NOV.2015 20:48:03



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

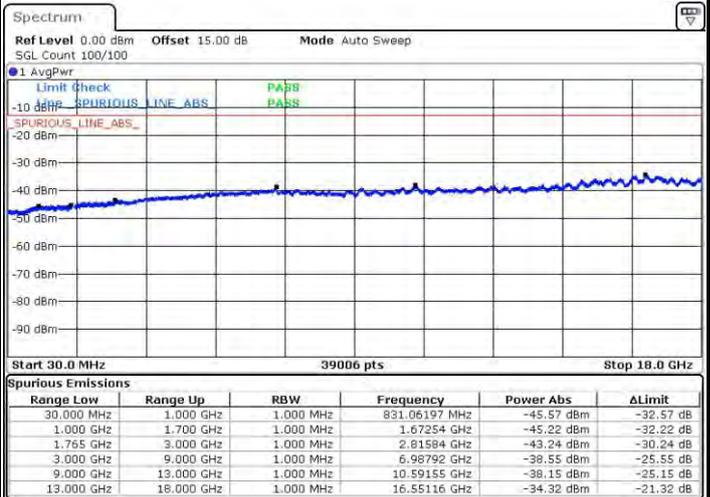
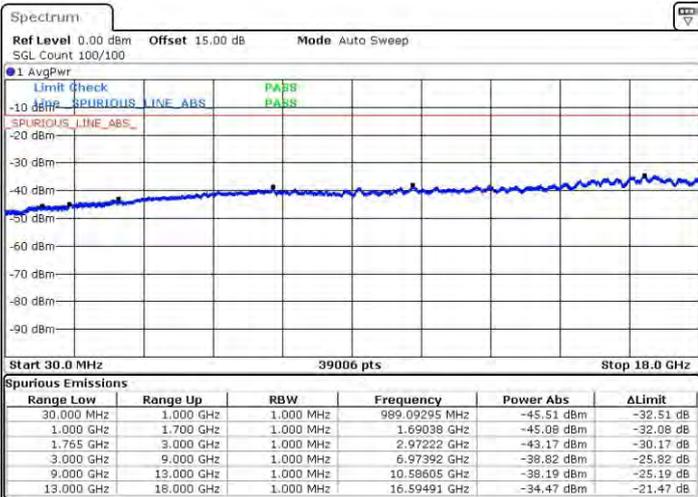


Date: 3.NOV.2015 20:50:42

Date: 3.NOV.2015 20:51:39

Highest Channel / QPSK

Highest Channel / 16QAM



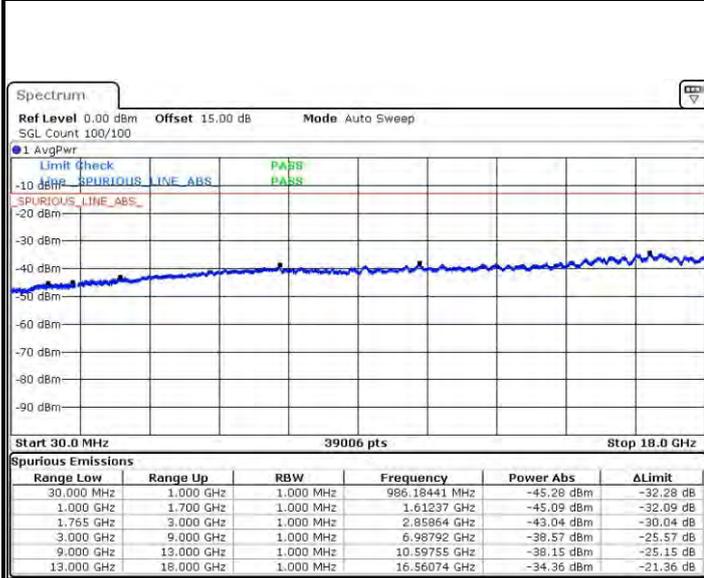
Date: 3.NOV.2015 20:57:57

Date: 3.NOV.2015 20:58:53



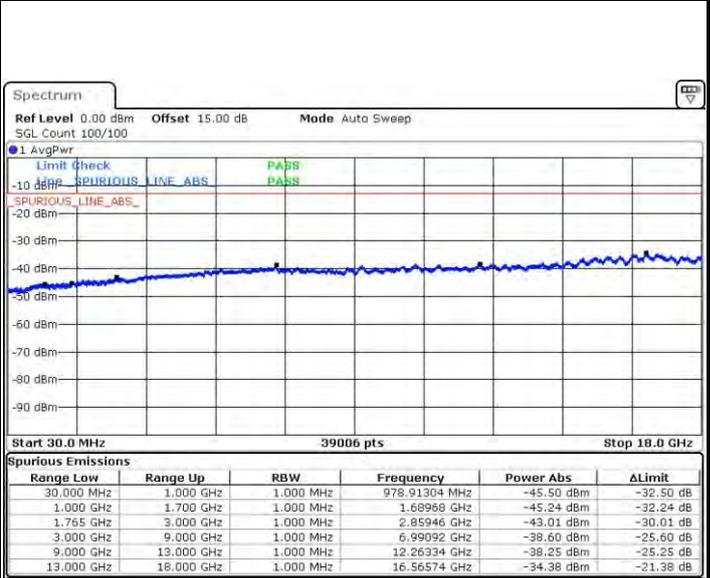
LTE Band 4 / 5MHz

Lowest Channel / QPSK



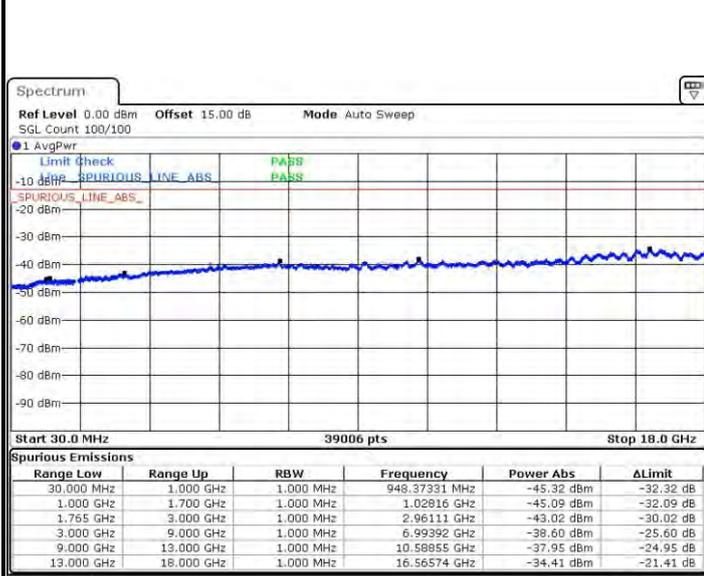
Date: 3.NOV.2015 21:05:11

Lowest Channel / 16QAM



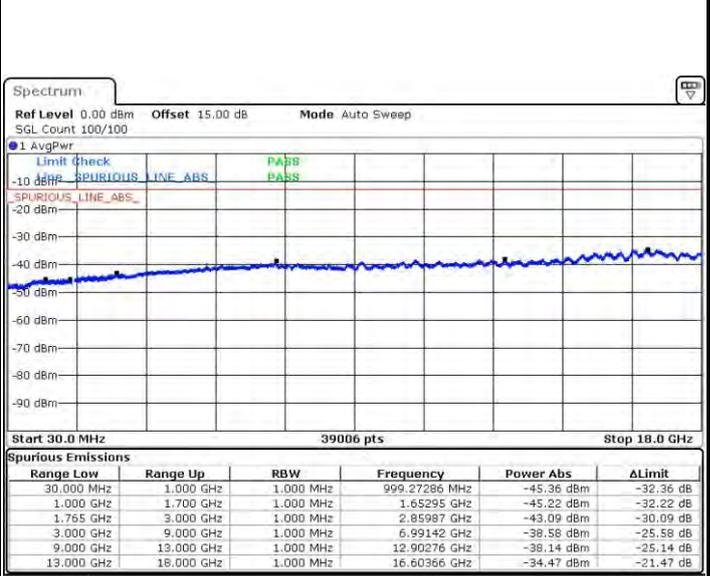
Date: 3.NOV.2015 21:06:07

Middle Channel / QPSK



Date: 3.NOV.2015 21:07:46

Middle Channel / 16QAM

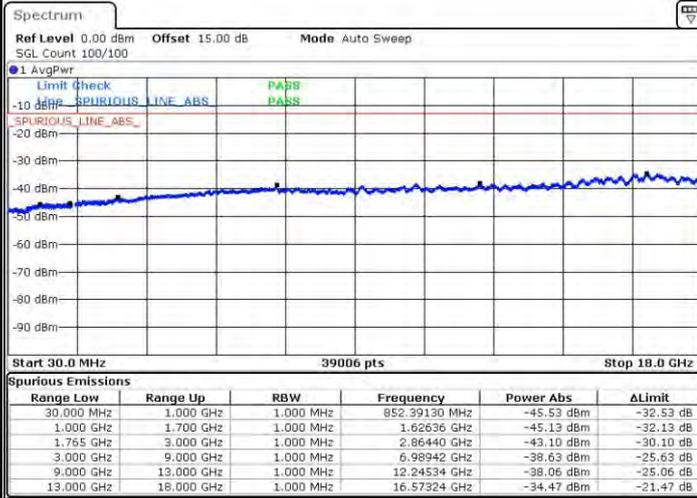


Date: 3.NOV.2015 21:08:43



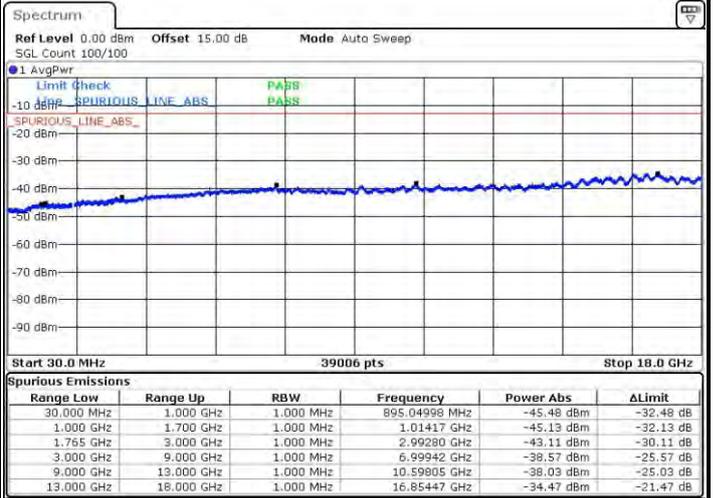
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 3.NOV.2015 21:15:00

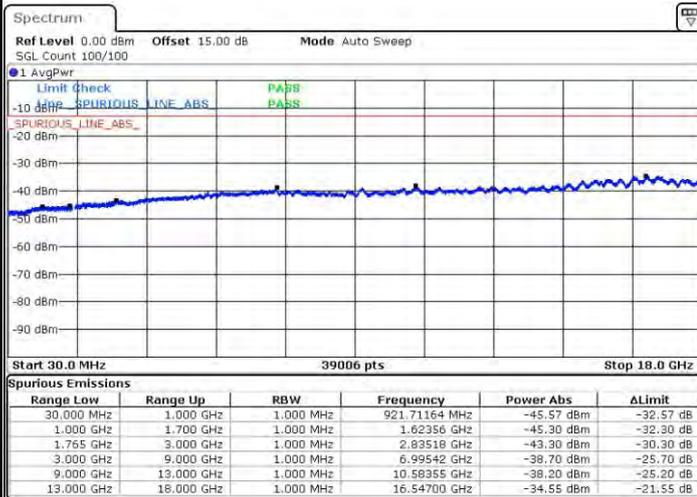
Highest Channel / 16QAM



Date: 3.NOV.2015 21:16:57

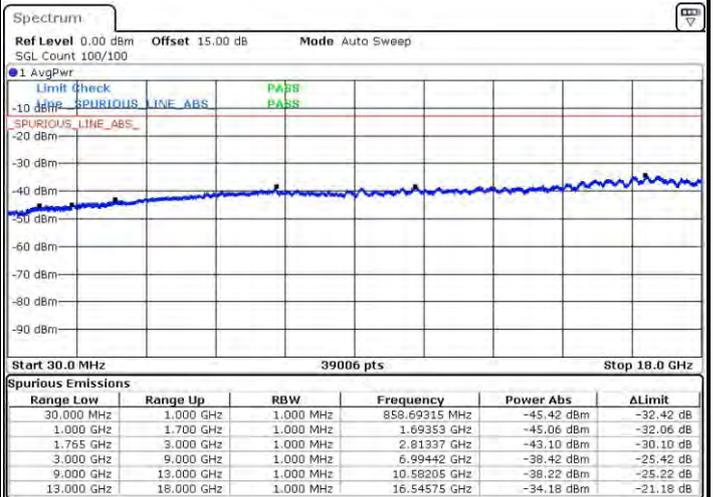
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 3.NOV.2015 21:26:03

Lowest Channel / 16QAM



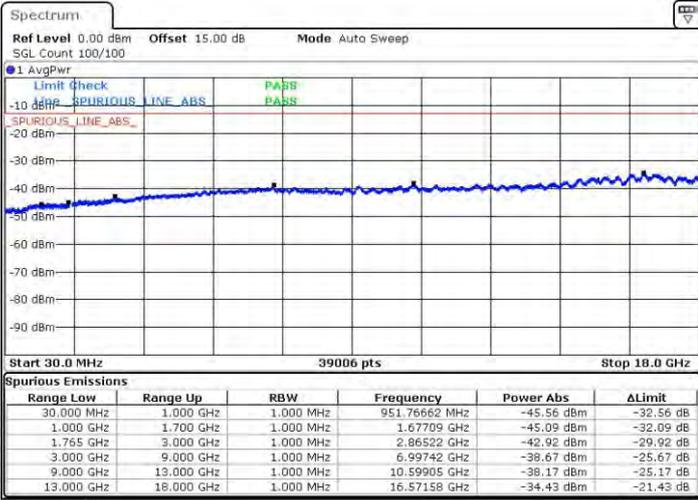
Date: 3.NOV.2015 21:27:00



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

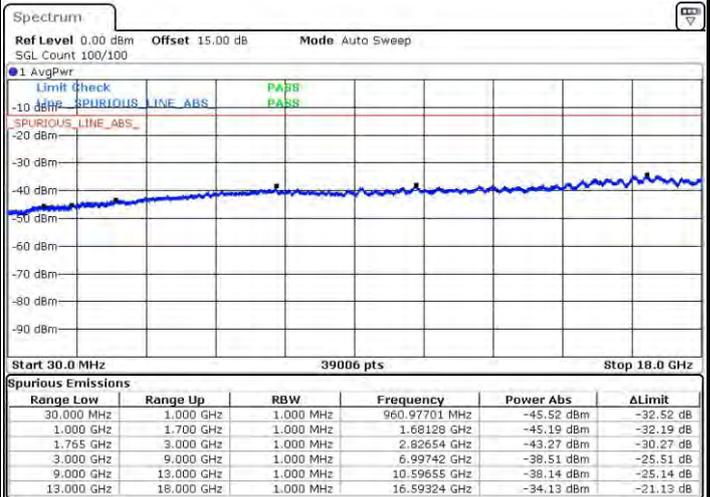
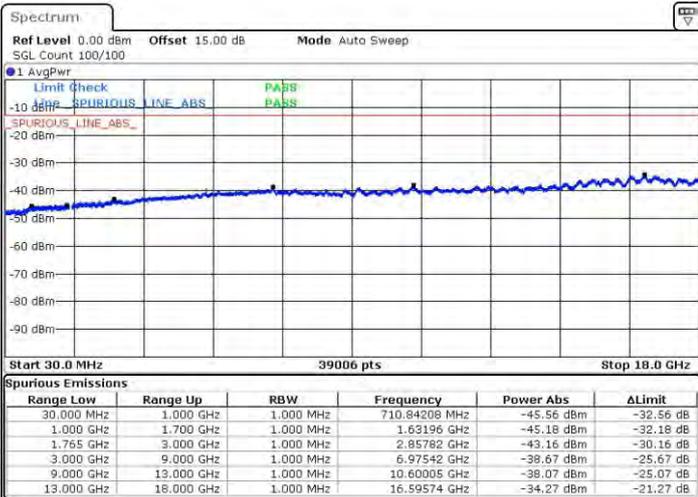


Date: 3.NOV.2015 21:28:39

Date: 3.NOV.2015 21:29:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.NOV.2015 21:35:53

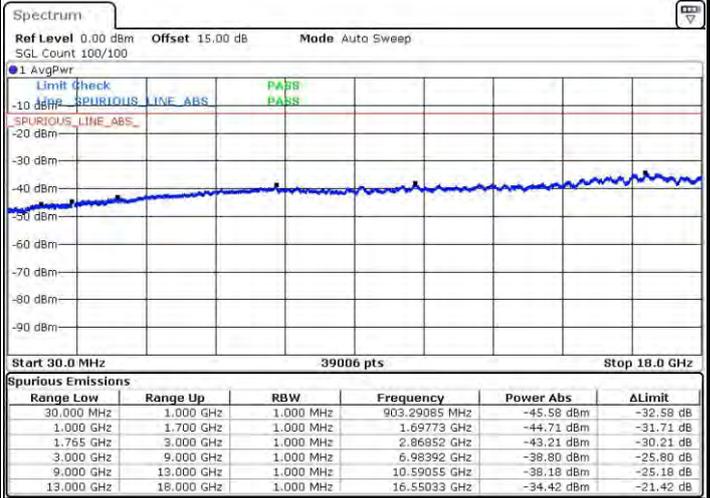
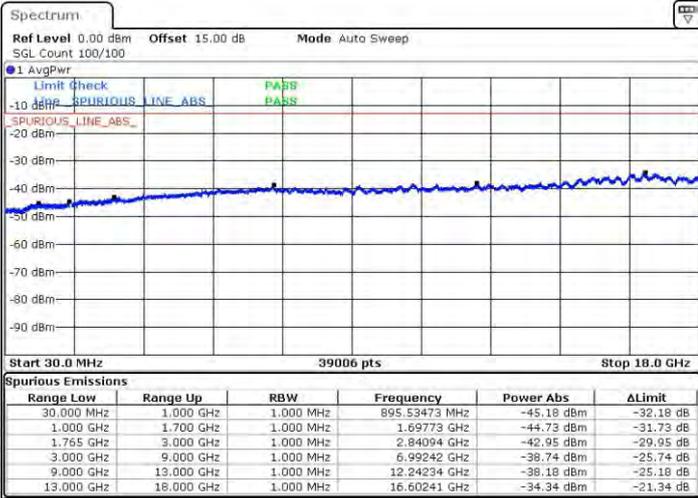
Date: 3.NOV.2015 21:36:49



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

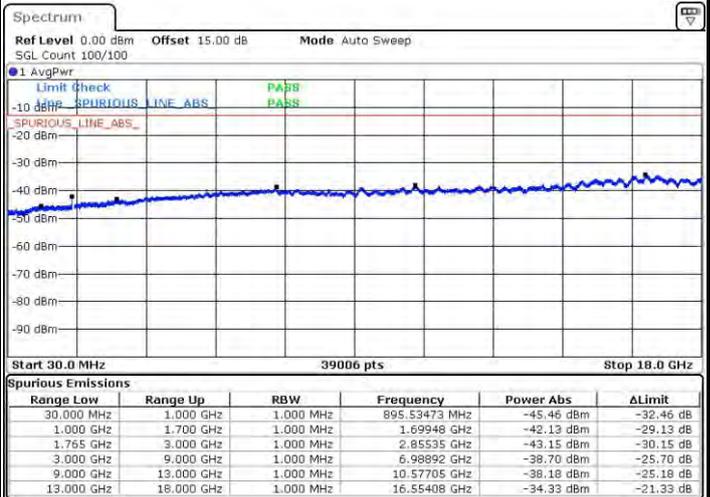
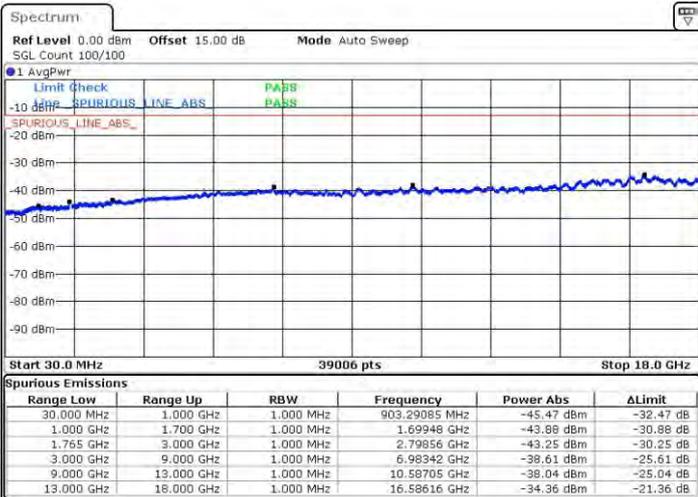


Date: 3.NOV.2015 21:43:06

Date: 3.NOV.2015 21:44:03

Middle Channel / QPSK

Middle Channel / 16QAM



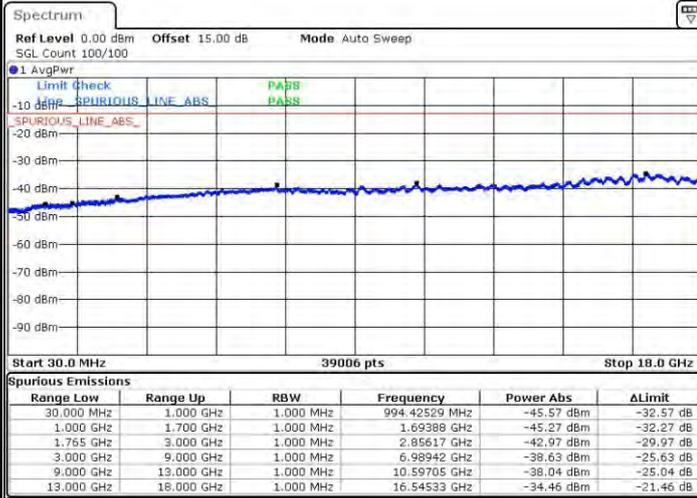
Date: 3.NOV.2015 21:45:42

Date: 3.NOV.2015 21:46:39



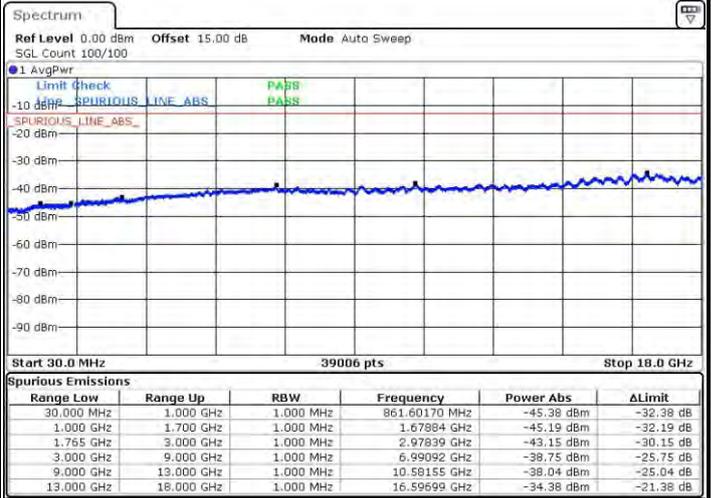
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 3.NOV.2015 22:25:13

Highest Channel / 16QAM



Date: 3.NOV.2015 22:24:19

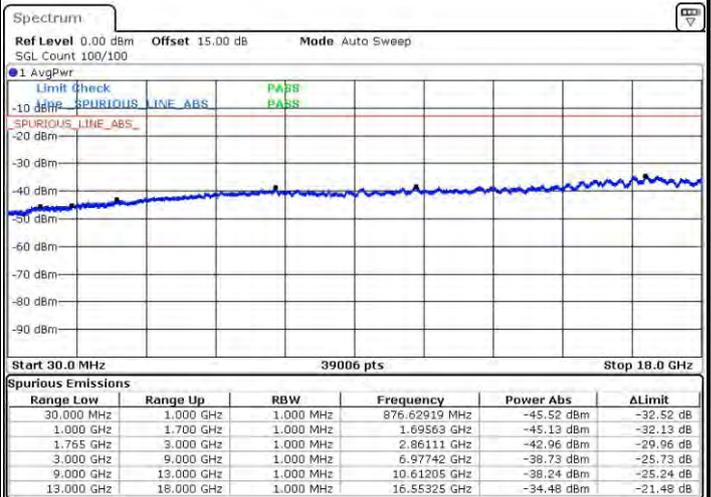
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 3.NOV.2015 22:00:09

Lowest Channel / 16QAM

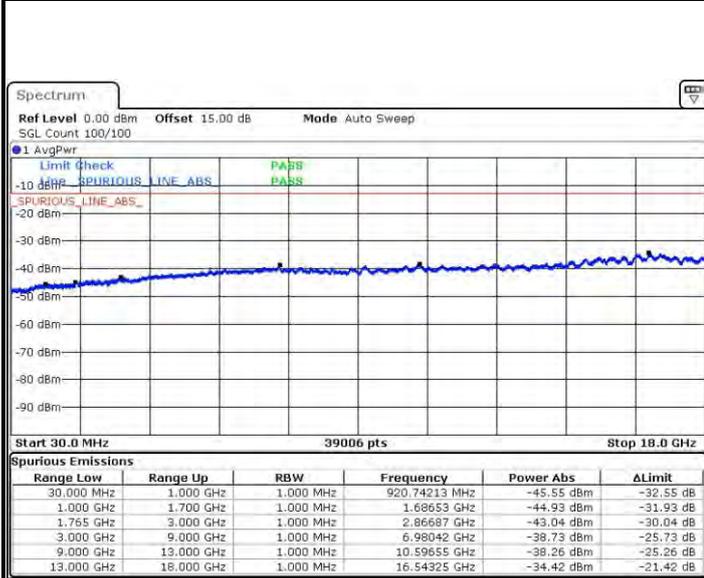


Date: 3.NOV.2015 22:01:06



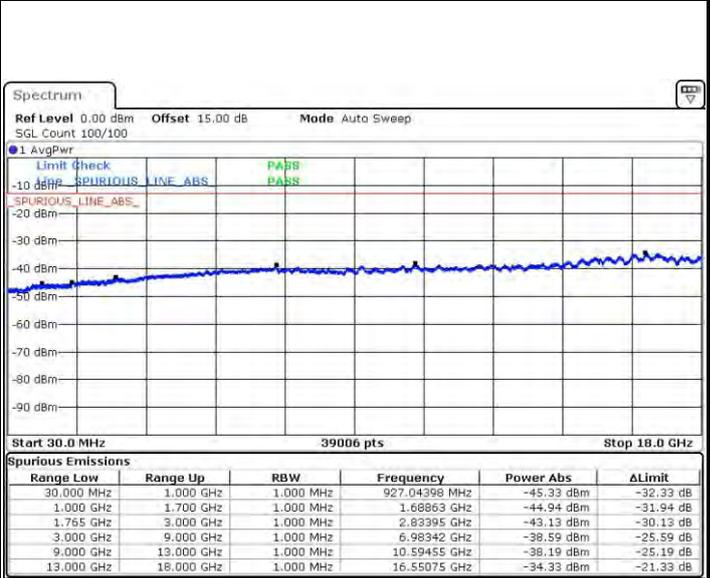
LTE Band 4 / 20MHz

Middle Channel / QPSK



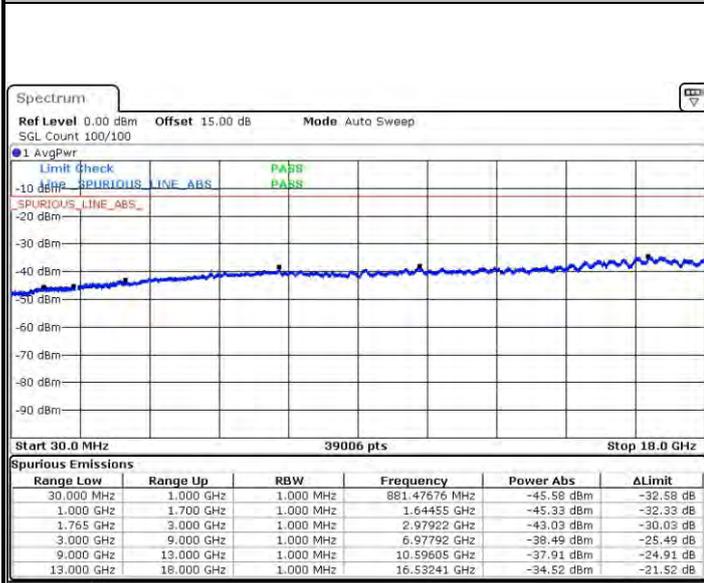
Date: 3.NOV.2015 22:02:49

Middle Channel / 16QAM



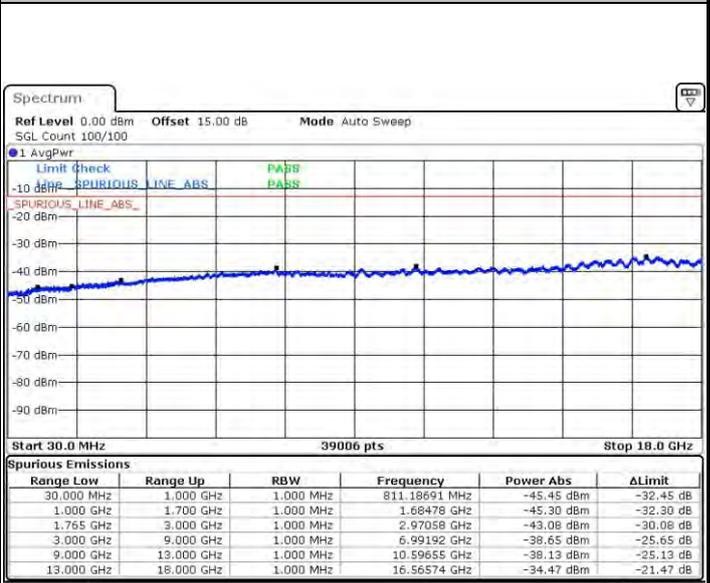
Date: 3.NOV.2015 22:03:41

Highest Channel / QPSK



Date: 3.NOV.2015 22:30:33

Highest Channel / 16QAM



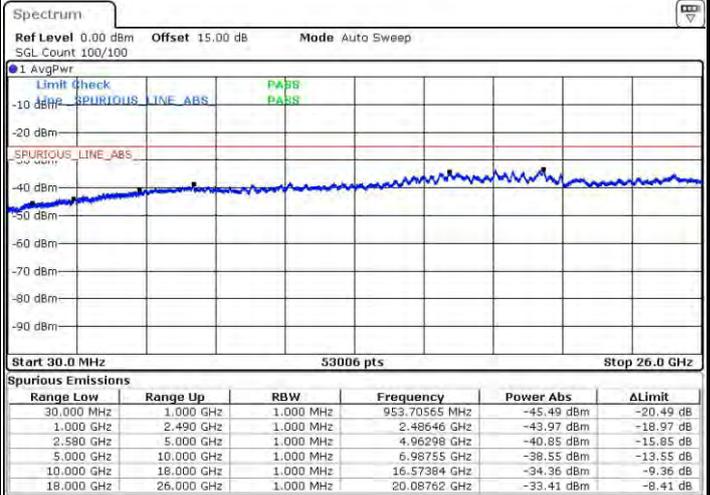
Date: 3.NOV.2015 22:26:44



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

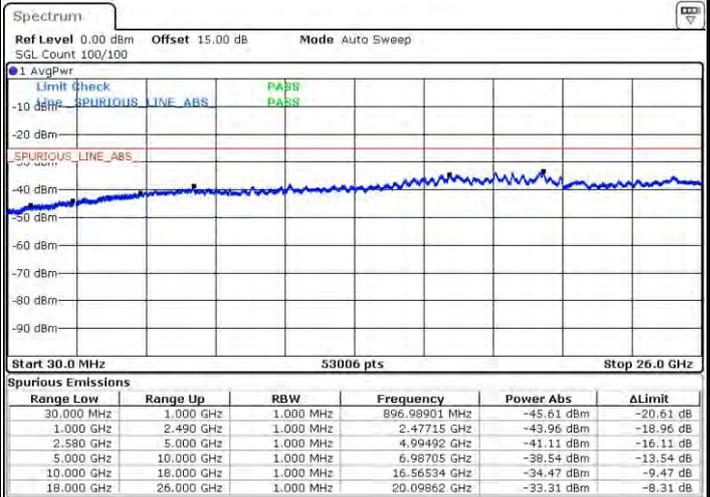
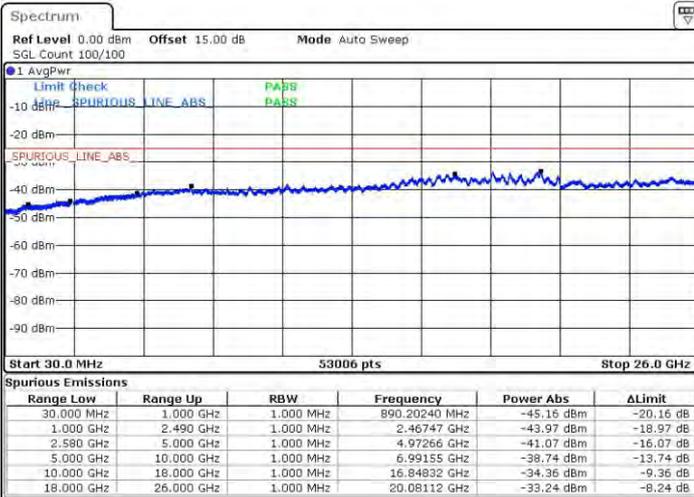


Date: 21.OCT.2019 22:49:12

Date: 21.OCT.2019 22:50:05

Middle Channel / QPSK

Middle Channel / 16QAM



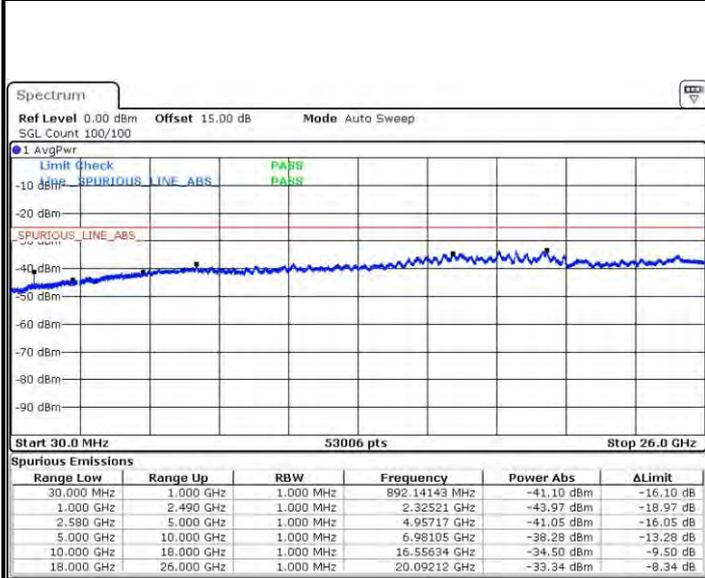
Date: 21.OCT.2019 22:51:42

Date: 21.OCT.2019 22:52:39



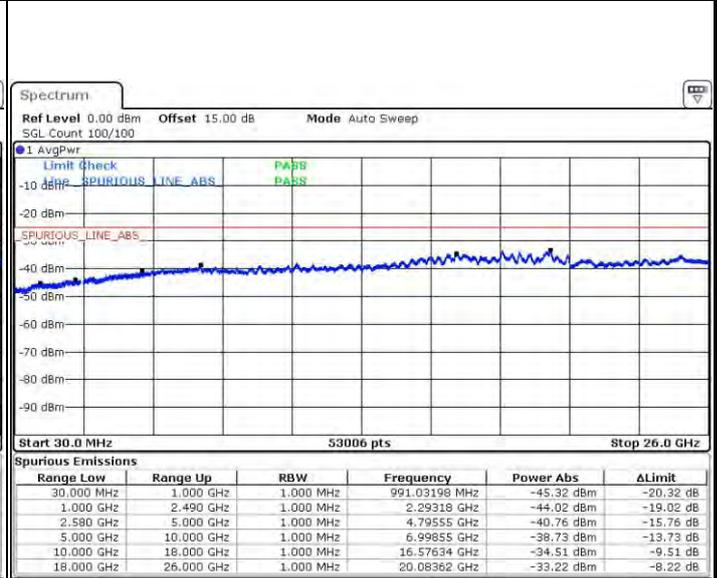
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 21.OCT.2015 22:58:53

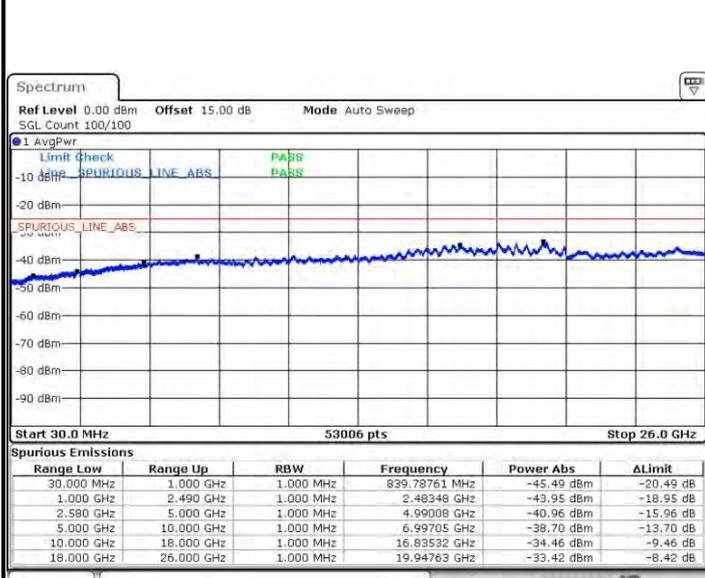
Highest Channel / 16QAM



Date: 21.OCT.2015 22:59:46

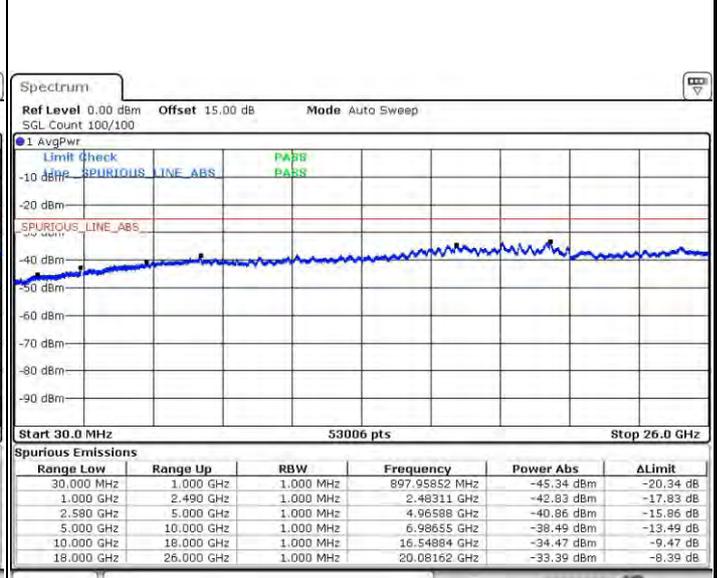
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 21.OCT.2015 23:06:02

Lowest Channel / 16QAM



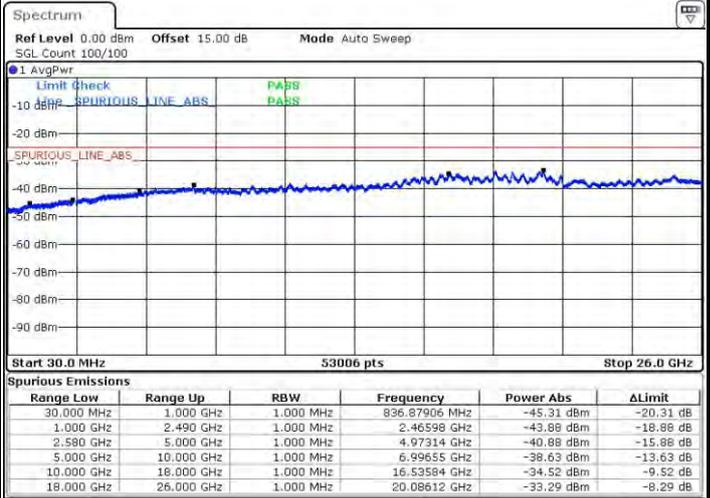
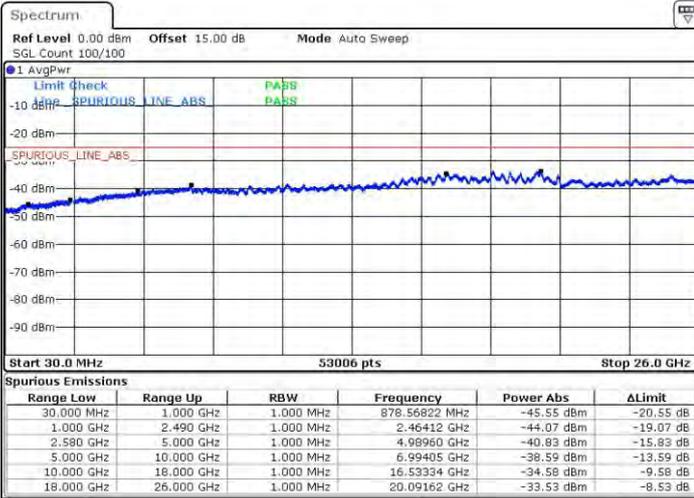
Date: 21.OCT.2015 23:55:00



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

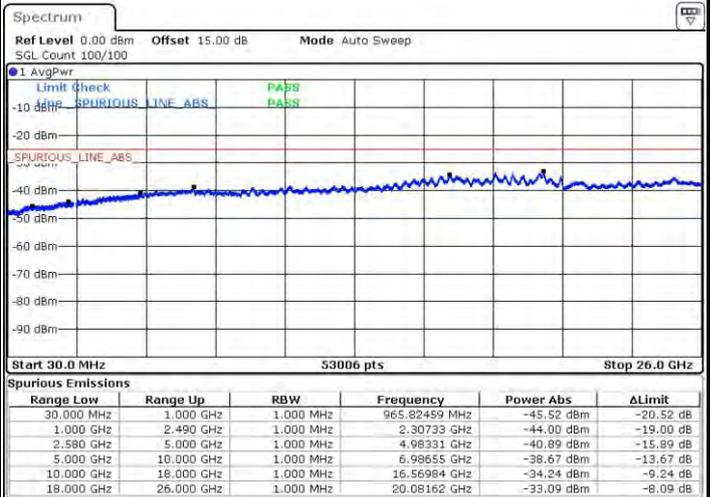
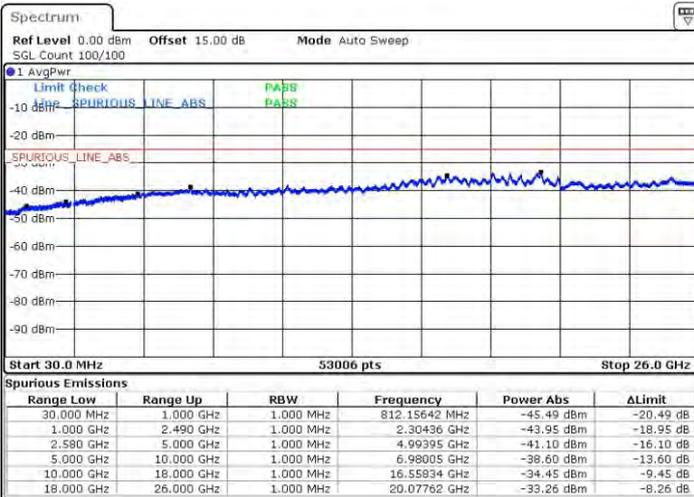


Date: 21.OCT.2015 23:08:32

Date: 21.OCT.2015 23:08:26

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.OCT.2015 23:15:42

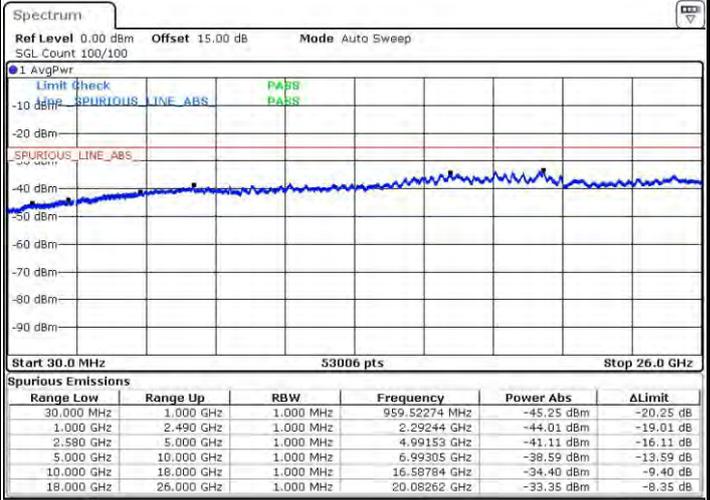
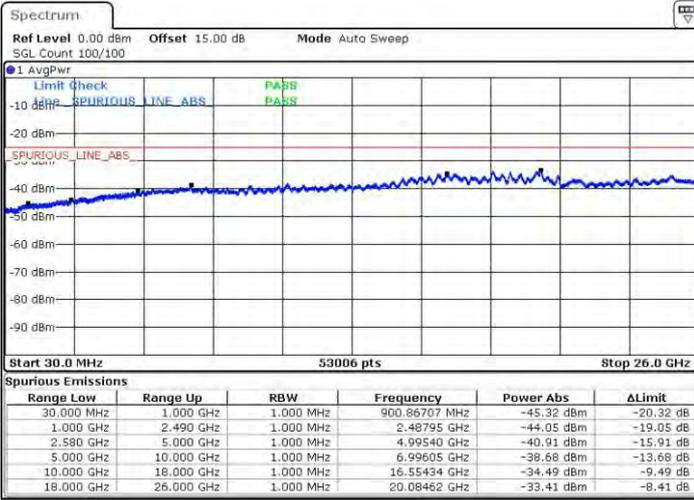
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LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

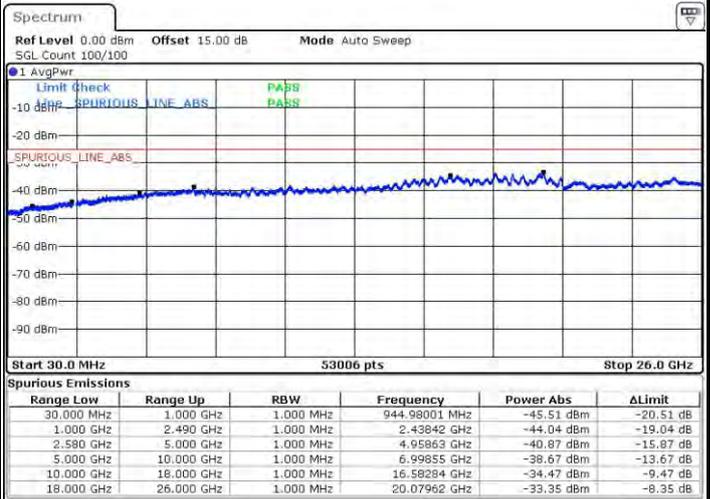
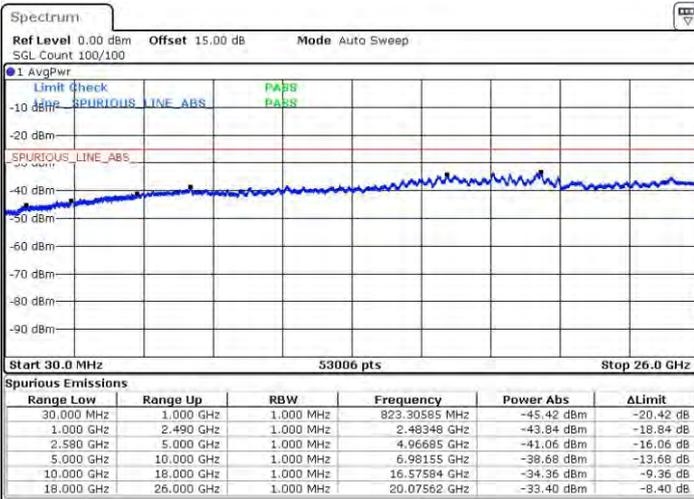


Date: 21.OCT.2015 23:22:51

Date: 21.OCT.2015 23:23:45

Middle Channel / QPSK

Middle Channel / 16QAM



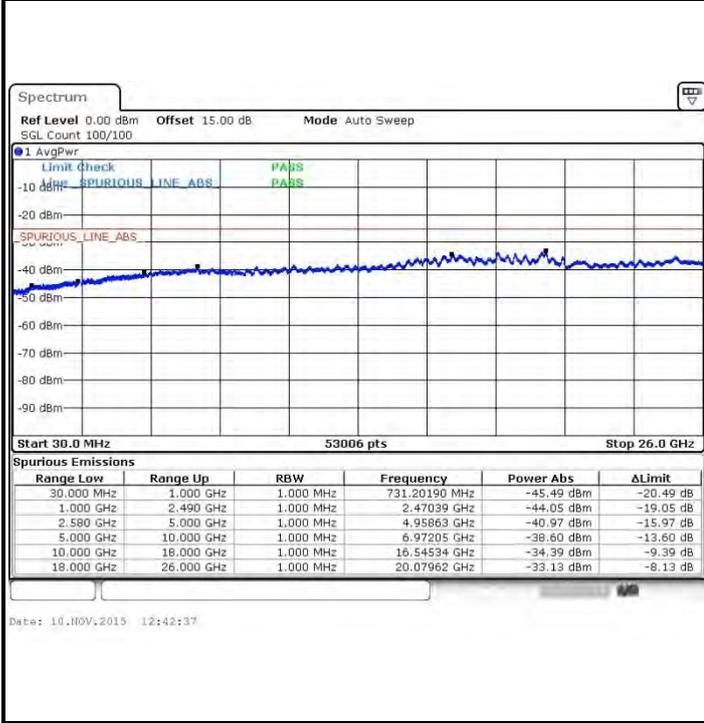
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Date: 21.OCT.2015 23:26:16

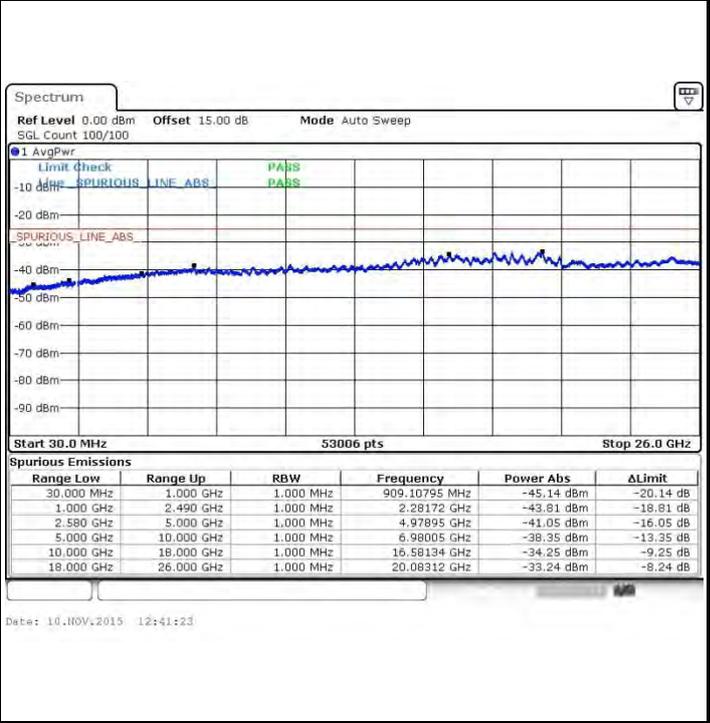


LTE Band7 / 15MHz

Highest Channel / QPSK

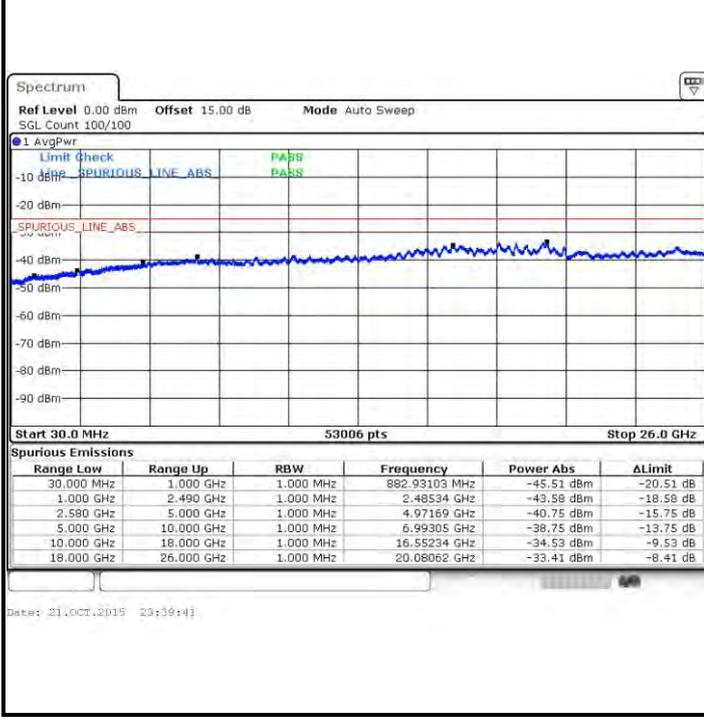


Highest Channel / 16QAM

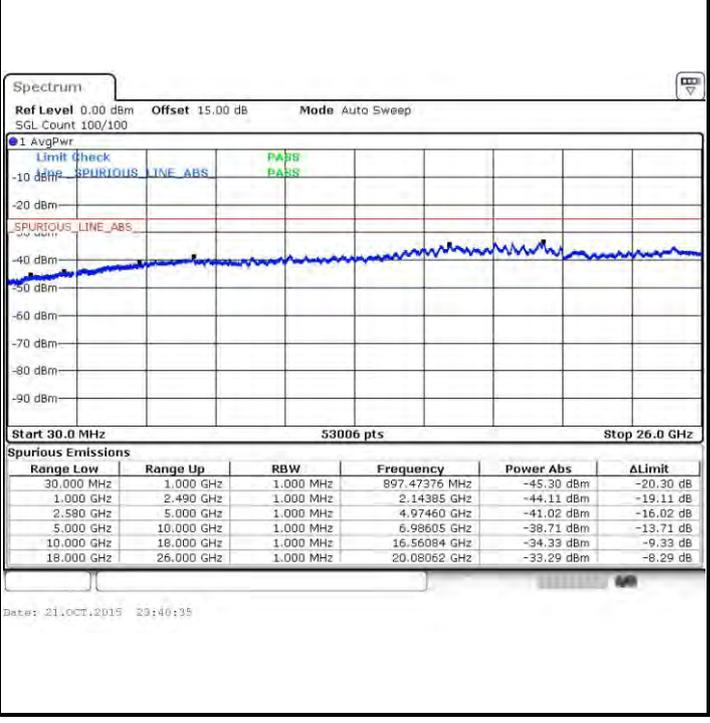


LTE Band 7 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

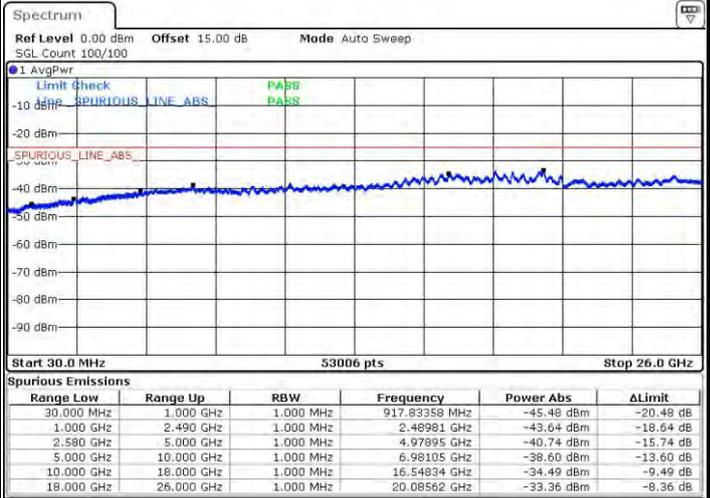
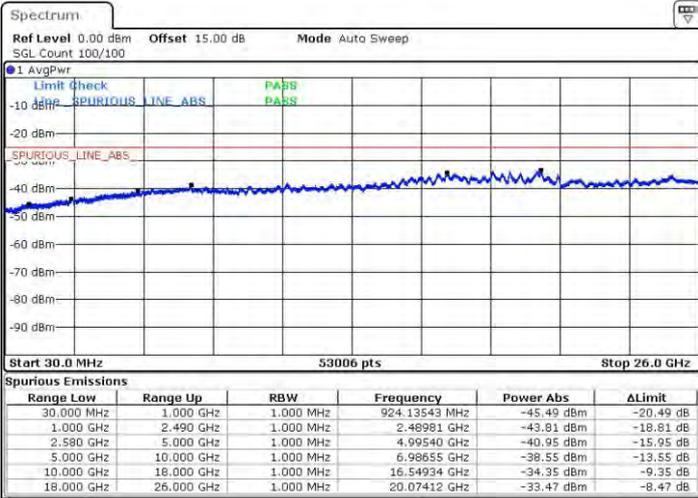




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

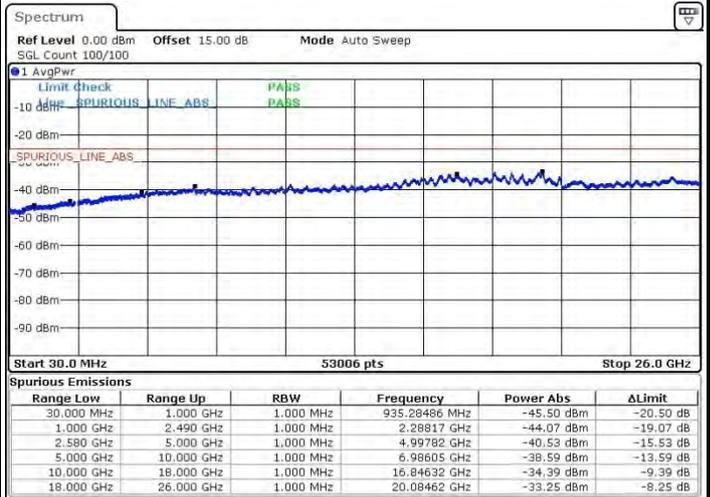
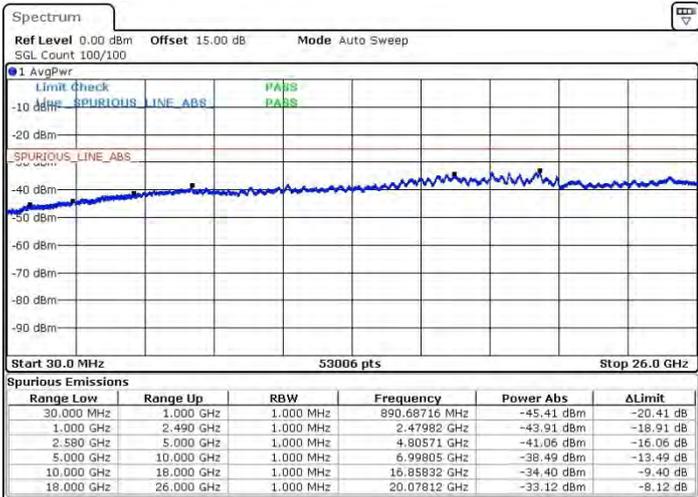


Date: 21.OCT.2015 23:42:11

Date: 21.OCT.2015 23:43:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.NOV.2015 12:46:49

Date: 10.NOV.2015 12:47:40

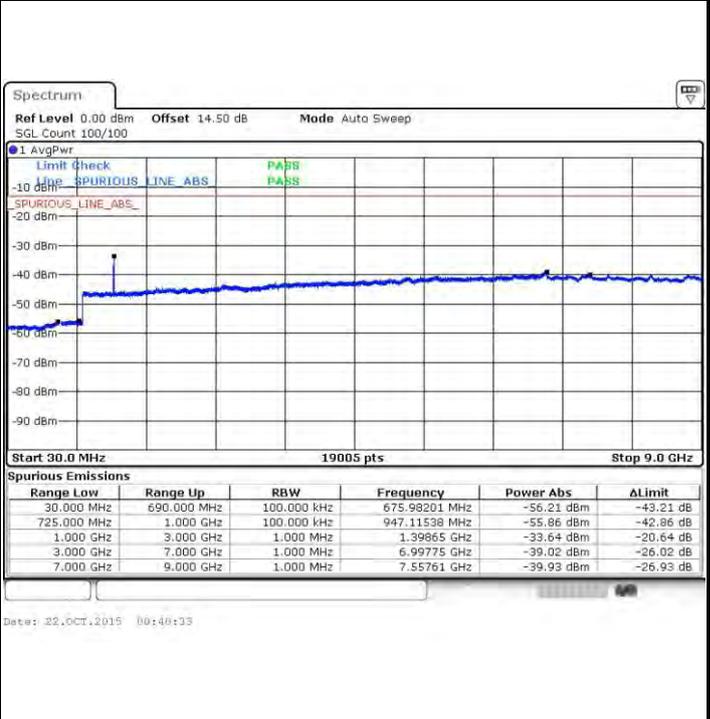


LTE Band 12 / 1.4MHz

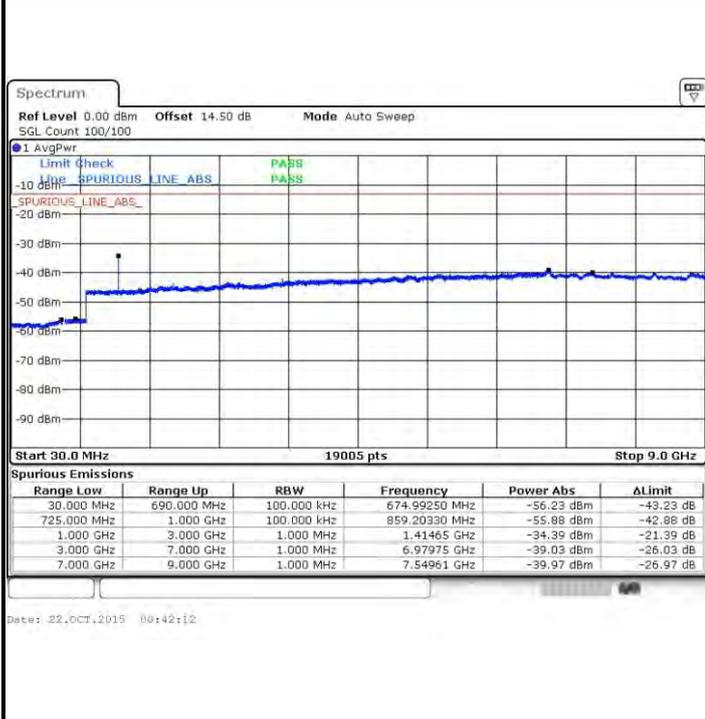
Lowest Channel / QPSK



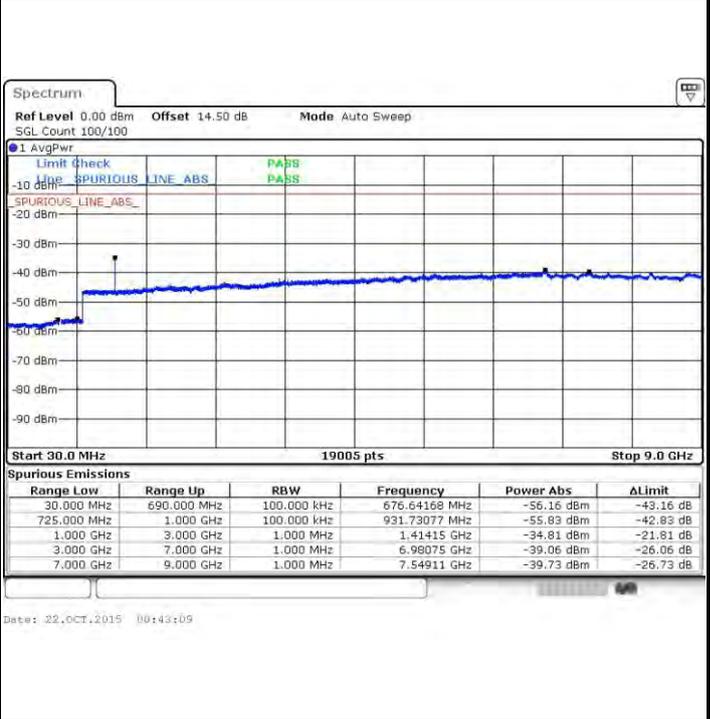
Lowest Channel / 16QAM



Middle Channel / QPSK



Middle Channel / 16QAM

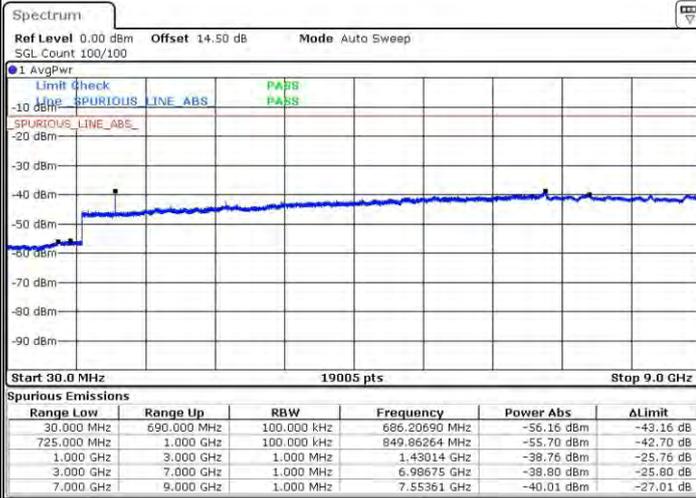




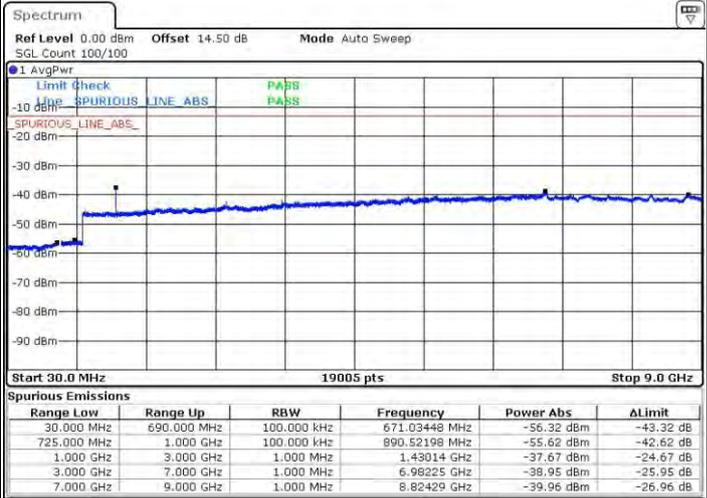
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2015 00:52:26

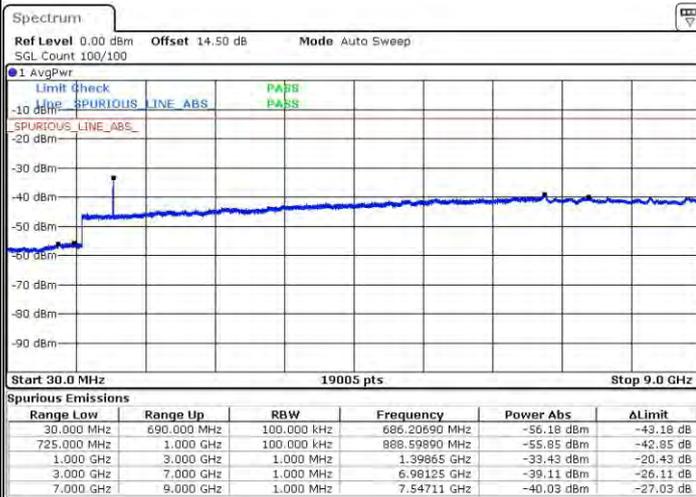


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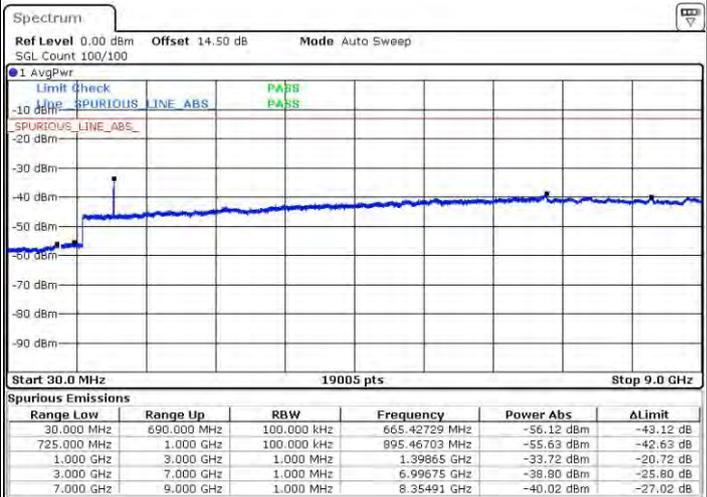
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22.OCT.2015 01:02:39



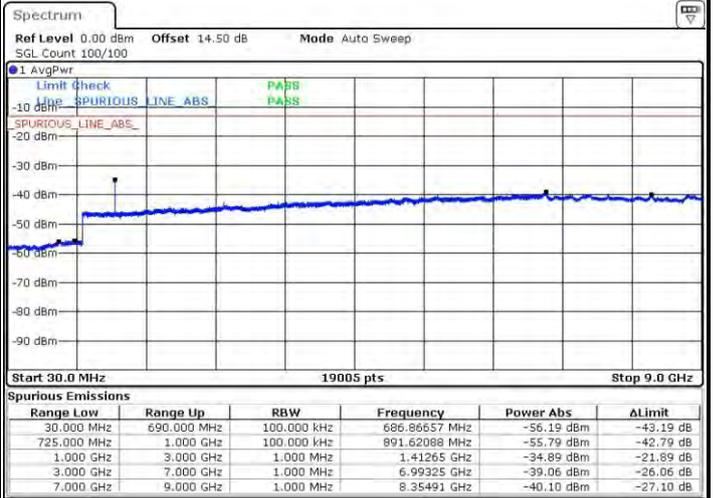
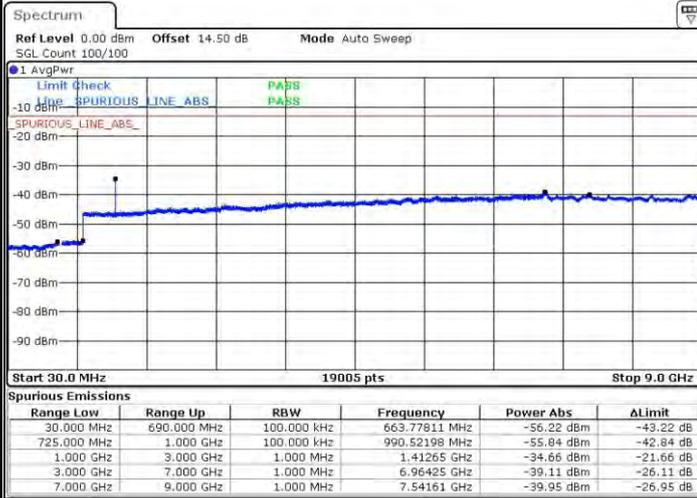
Date: 22.OCT.2015 01:03:35



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

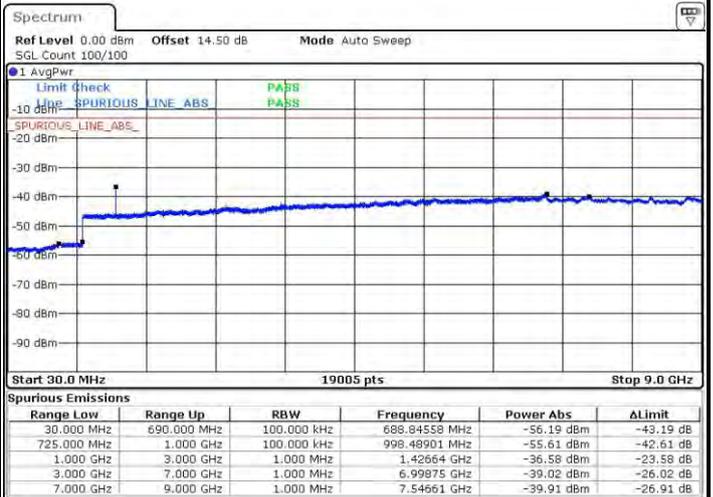


Date: 22.OCT.2015 01:05:14

Date: 22.OCT.2015 01:06:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2015 01:15:27

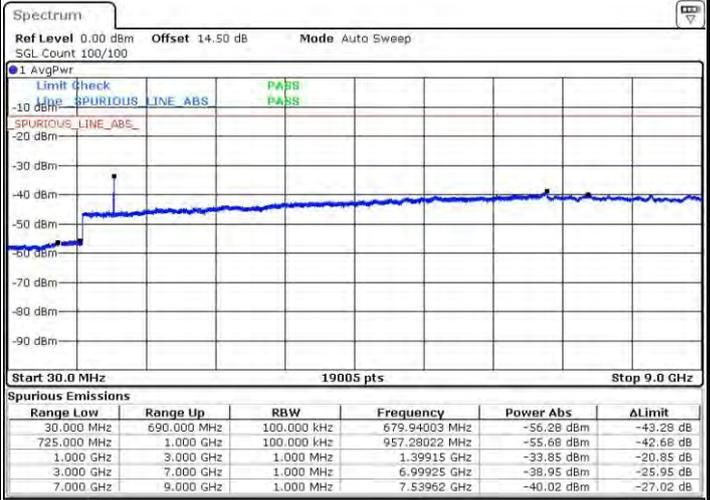
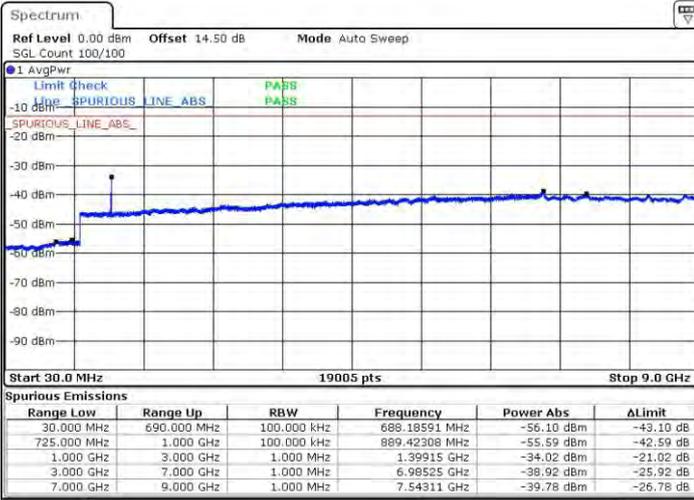
Date: 22.OCT.2015 01:16:24



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

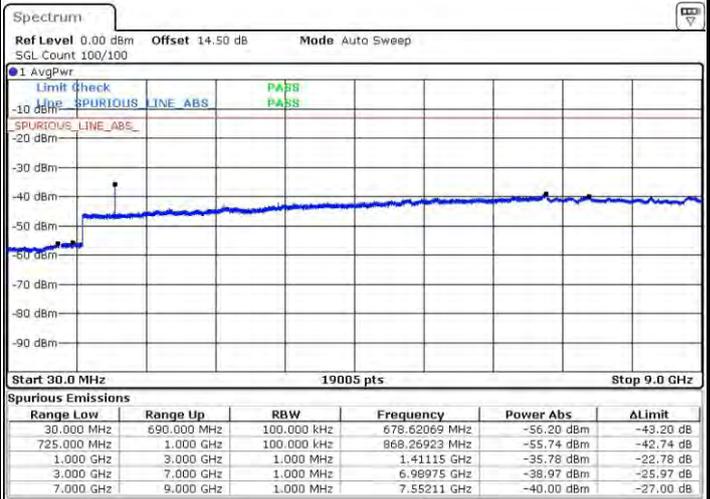
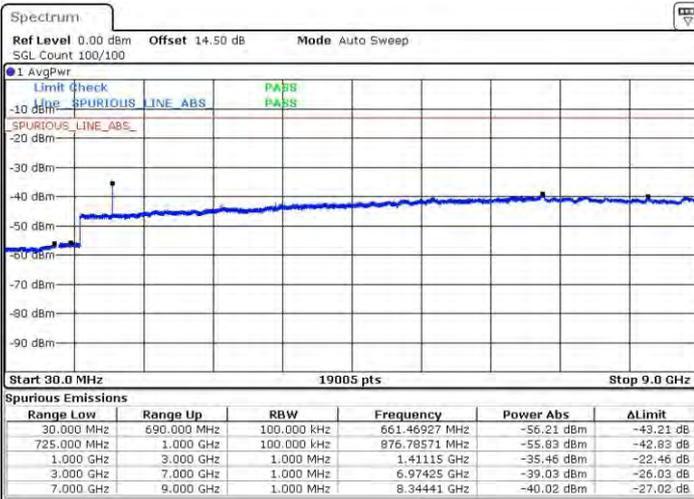


Date: 22.OCT.2015 01:25:40

Date: 22.OCT.2015 01:26:37

Middle Channel / QPSK

Middle Channel / 16QAM



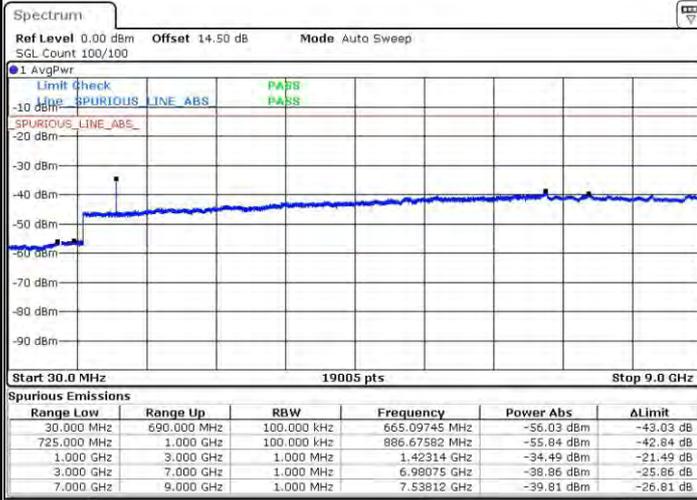
Date: 22.OCT.2015 01:28:16

Date: 22.OCT.2015 01:29:13



LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 22.OCT.2015 01:38:29

Highest Channel / 16QAM



Date: 22.OCT.2015 01:39:26

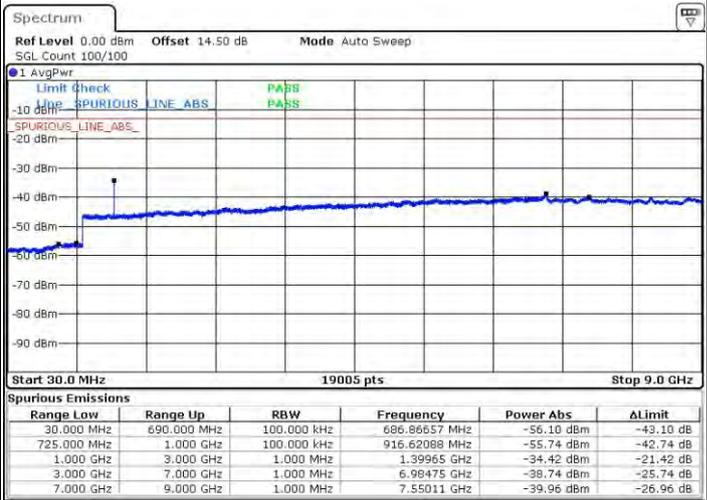
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 22.OCT.2015 01:48:42

Lowest Channel / 16QAM



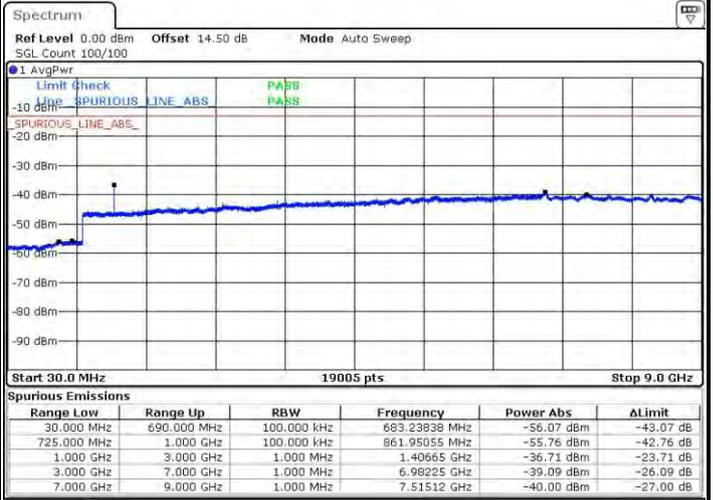
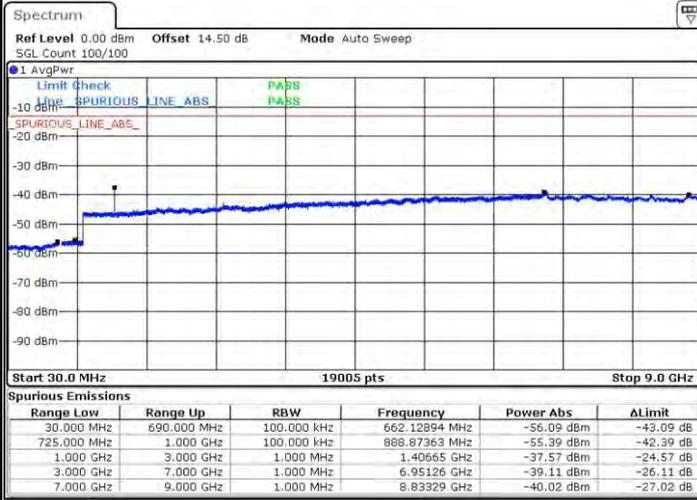
Date: 22.OCT.2015 01:49:39



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

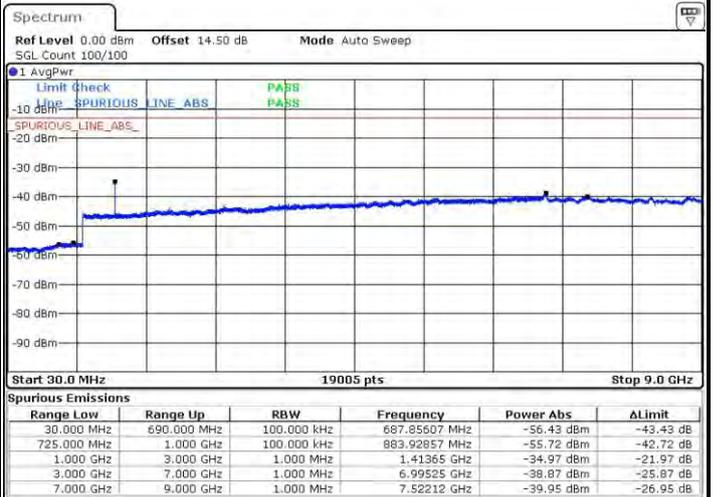


Date: 22.OCT.2015 01:51:17

Date: 22.OCT.2015 01:52:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2015 02:01:33

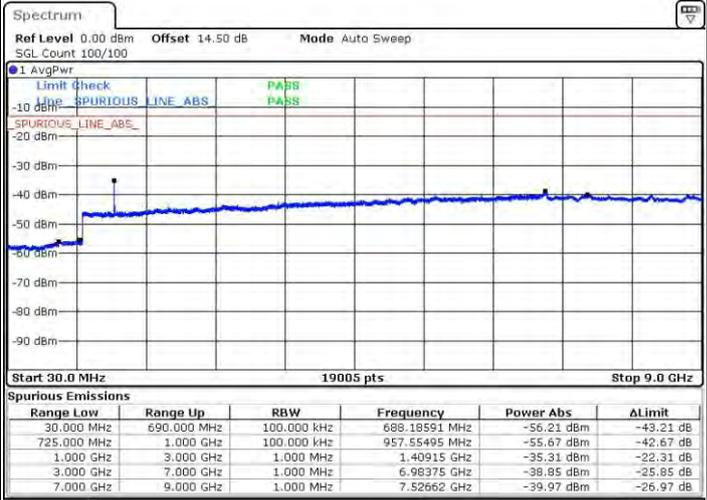
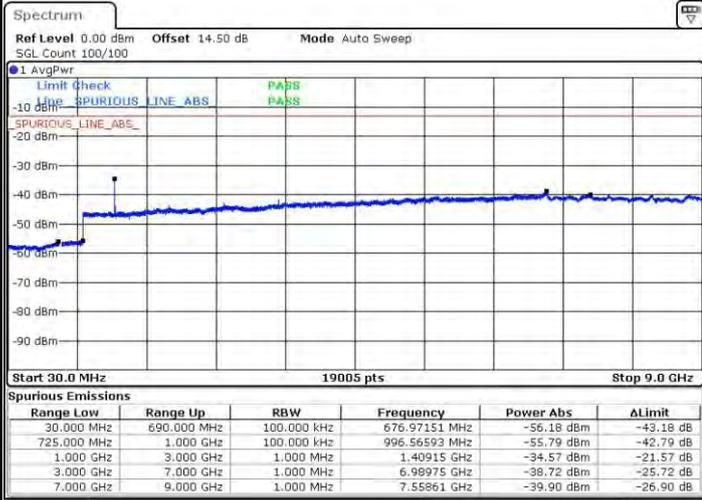
Date: 22.OCT.2015 02:02:29



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

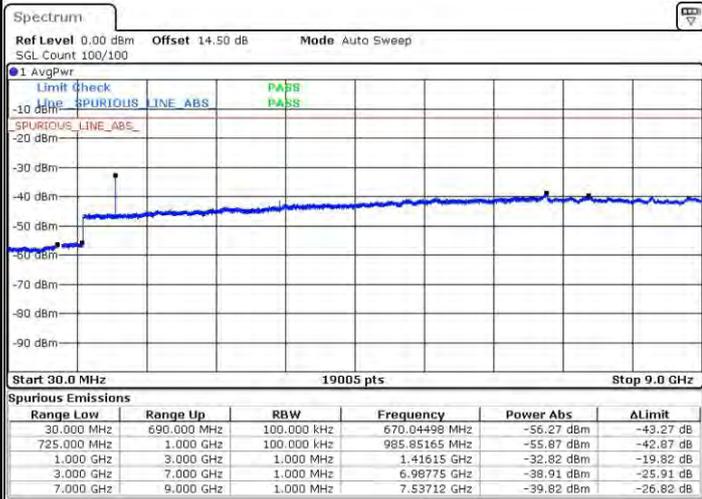


Date: 23.OCT.2015 10:30:32

Date: 23.OCT.2015 10:31:29

Middle Channel / QPSK

Middle Channel / 16QAM



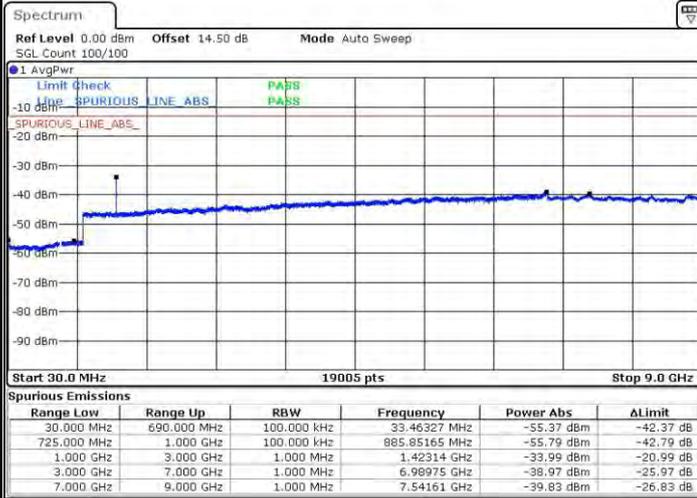
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Date: 23.OCT.2015 10:34:04



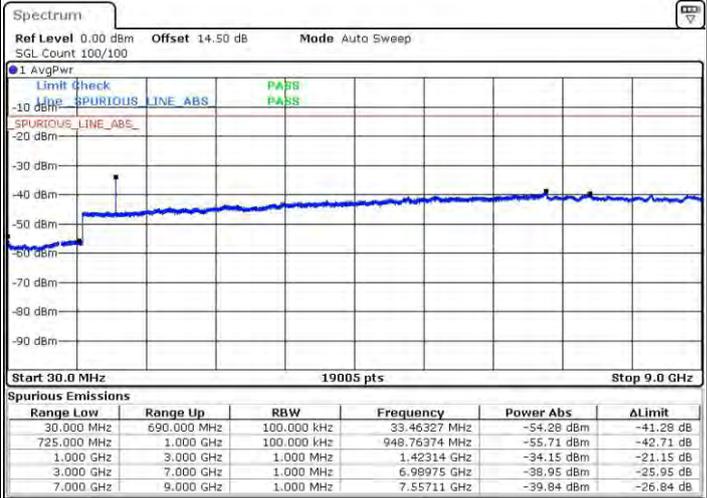
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 23.OCT.2015 10:43:24

Highest Channel / 16QAM



Date: 23.OCT.2015 10:44:20

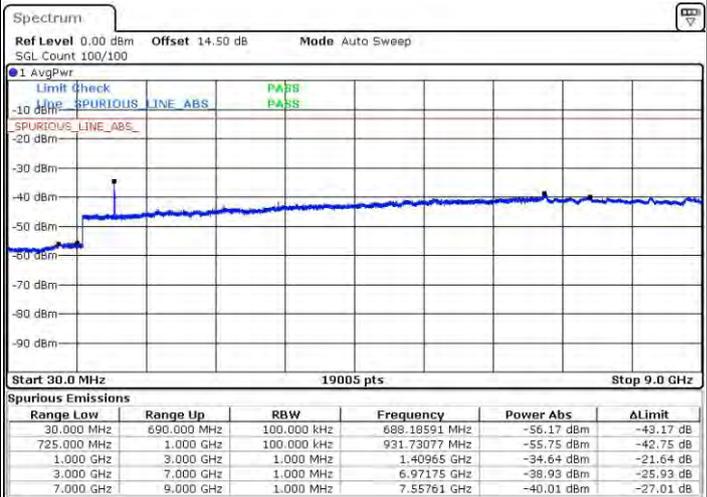
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 23.OCT.2015 10:53:40

Lowest Channel / 16QAM



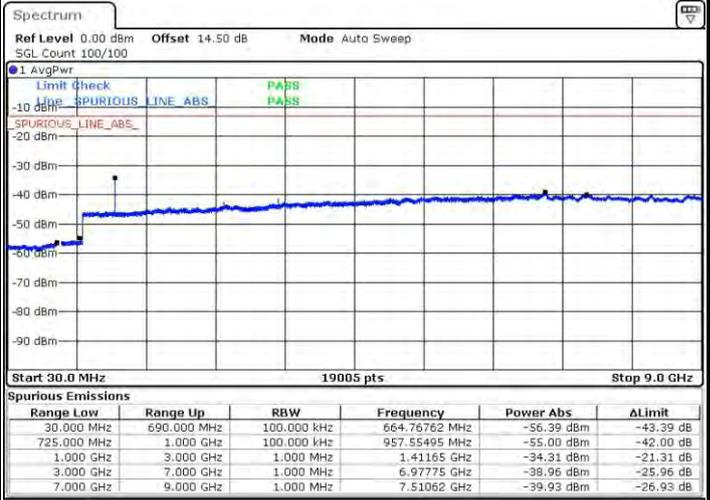
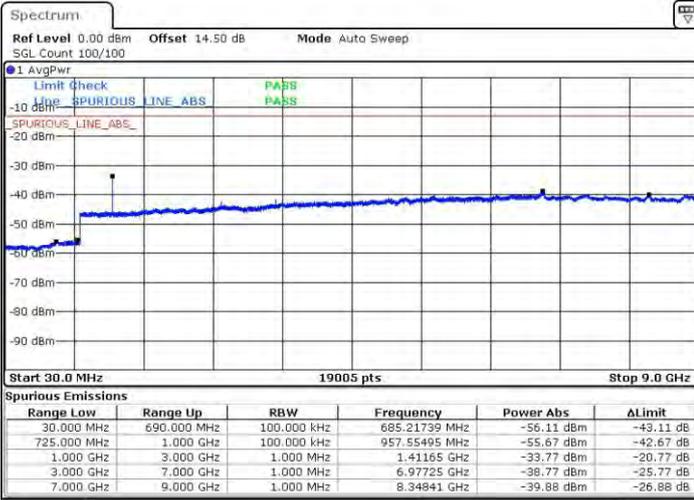
Date: 23.OCT.2015 10:54:37



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23.OCT.2015 10:56:17

Date: 23.OCT.2015 10:57:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.OCT.2015 11:06:33

Date: 23.OCT.2015 11:07:10



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	0.0122	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0096	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0090	
0	Normal Voltage	0.0106	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0128	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0092	
30	Normal Voltage	0.0075	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0081	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; 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	0.0016	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; 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 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	0.0198	
30	Normal Voltage	0.0170	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0198	
-20	Normal Voltage	0.0085	
-30	Normal Voltage	0.0226	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; 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	0.0035	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; 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	0	20.48	0.1117	19.79	0.0953
Middle		3	1	19.65	0.0923	19.44	0.0879
Highest		1	3	18.27	0.0671	19.10	0.0813
Lowest	16QAM	1	3	18.75	0.0750	18.33	0.0681
Middle		1	3	18.05	0.0638	17.43	0.0553
Highest		1	3	16.72	0.0470	16.28	0.0425
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	20.35	0.1084	18.90	0.0776
Middle		1	0	18.91	0.0778	18.07	0.0641
Highest		1	8	18.67	0.0736	17.49	0.0561
Lowest	16QAM	1	8	19.13	0.0818	18.53	0.0713
Middle		1	8	18.20	0.0661	17.87	0.0612
Highest		1	8	16.90	0.0490	17.04	0.0506
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	19.93	0.0984	18.53	0.0713
Middle		1	0	19.50	0.0891	16.83	0.0482
Highest		1	24	18.69	0.0740	16.44	0.0441
Lowest	16QAM	1	12	18.35	0.0684	19.87	0.0971
Middle		1	12	18.04	0.0637	18.32	0.0679
Highest		1	24	16.85	0.0484	17.85	0.0610
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	20.63	0.1156	21.10	0.1288
Middle		1	0	19.97	0.0993	20.53	0.1130
Highest		1	25	18.67	0.0736	19.56	0.0904
Lowest	16QAM	1	25	19.54	0.0899	20.20	0.1047
Middle		1	0	19.29	0.0849	19.76	0.0946
Highest		1	49	17.40	0.0550	19.01	0.0796
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	19.37	0.0865	22.65	0.1841
Middle		1	0	19.61	0.0914	21.82	0.1521
Highest		1	74	18.23	0.0665	20.97	0.1250
Lowest	16QAM	1	0	18.32	0.0679	21.11	0.1291
Middle		1	74	18.06	0.0640	19.93	0.0984
Highest		1	0	17.25	0.0531	19.69	0.0931
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	20.31	0.1074	21.13	0.1297
Middle		1	0	20.15	0.1035	20.18	0.1042
Highest		1	0	19.59	0.0910	19.93	0.0984
Lowest	16QAM	1	49	18.89	0.0774	20.89	0.1227
Middle		1	99	18.83	0.0764	19.71	0.0935
Highest		1	0	18.82	0.0762	19.49	0.0889
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	19.67	0.0927	22.87	0.1936
Middle		3	3	19.99	0.0998	22.67	0.1849
Highest		3	0	19.94	0.0986	23.36	0.2168
Lowest	16QAM	1	3	19.93	0.0984	21.83	0.1524
Middle		1	3	19.91	0.0979	22.01	0.1589
Highest		1	0	20.09	0.1021	22.77	0.1892
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	20.11	0.1026	22.60	0.1820
Middle		1	8	21.22	0.1324	22.24	0.1675
Highest		1	0	20.16	0.1038	23.30	0.2138
Lowest	16QAM	1	8	20.41	0.1099	22.41	0.1742
Middle		1	8	21.36	0.1368	22.59	0.1816
Highest		1	8	20.44	0.1107	23.41	0.2193
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.18	0.1042	21.79	0.1510
Middle		1	12	21.62	0.1452	22.53	0.1791
Highest		1	0	21.02	0.1265	22.38	0.1730
Lowest	16QAM	1	0	20.00	0.1000	22.23	0.1671
Middle		1	12	21.31	0.1352	21.82	0.1521
Highest		1	0	21.97	0.1574	21.99	0.1581
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	0	18.78	0.0755	21.65	0.1462
Middle		1	25	18.71	0.0743	21.54	0.1426
Highest		1	0	19.74	0.0942	21.77	0.1503
Lowest	16QAM	1	49	18.65	0.0733	21.21	0.1321
Middle		1	25	19.54	0.0899	21.14	0.1300
Highest		1	0	20.36	0.1086	21.75	0.1496
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	74	20.64	0.1159	20.13	0.1030
Middle		1	74	21.11	0.1291	19.73	0.0940
Highest		1	0	21.26	0.1337	20.67	0.1167
Lowest	16QAM	1	74	20.76	0.1191	20.14	0.1033
Middle		1	37	20.40	0.1096	19.61	0.0914
Highest		1	0	20.99	0.1256	19.55	0.0902
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	99	20.76	0.1191	21.77	0.1503
Middle		1	99	20.96	0.1247	21.06	0.1276
Highest		1	99	21.33	0.1358	22.41	0.1742
Lowest	16QAM	1	99	18.82	0.0762	22.25	0.1679
Middle		1	49	18.76	0.0752	21.56	0.1432
Highest		1	0	18.78	0.0755	22.29	0.1694
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.78	0.0951	17.90	0.0617
Middle		1	12	19.79	0.0953	17.91	0.0618
Highest		1	0	19.44	0.0879	16.43	0.0440
Lowest	16QAM	1	0	18.78	0.0755	17.15	0.0519
Middle		1	12	19.19	0.0830	17.56	0.0570
Highest		1	0	18.12	0.0649	15.03	0.0318
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.09	0.1021	19.86	0.0968
Middle		1	25	20.62	0.1153	19.22	0.0836
Highest		1	0	20.05	0.1012	17.14	0.0518
Lowest	16QAM	1	0	19.29	0.0849	18.24	0.0667
Middle		1	25	19.71	0.0935	17.88	0.0614
Highest		1	0	19.22	0.0836	16.62	0.0459
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	20.39	0.1094	19.17	0.0826
Middle		1	37	19.58	0.0908	19.10	0.0813
Highest		1	0	19.51	0.0893	18.03	0.0635
Lowest	16QAM	1	0	18.88	0.0773	17.76	0.0597
Middle		1	37	19.16	0.0824	19.05	0.0804
Highest		1	0	18.48	0.0705	17.55	0.0569
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	18.73	0.0746	16.69	0.0467
Middle		1	49	19.86	0.0968	18.65	0.0733
Highest		1	49	18.85	0.0767	17.55	0.0569
Lowest	16QAM	1	0	17.64	0.0581	17.54	0.0568
Middle		1	49	18.49	0.0706	17.63	0.0579
Highest		1	49	18.07	0.0641	16.50	0.0447
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	16.62	0.0459	18.98	0.0791
Middle		3	3	16.69	0.0467	18.85	0.0767
Highest		3	3	15.18	0.0330	17.67	0.0585
Lowest	16QAM	1	3	16.95	0.0495	19.19	0.0830
Middle		1	3	16.83	0.0482	19.25	0.0841
Highest		1	3	15.51	0.0356	17.94	0.0622
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.81	0.0480	18.88	0.0773
Middle		1	8	16.80	0.0479	18.86	0.0769
Highest		1	8	15.46	0.0352	17.96	0.0625
Lowest	16QAM	1	0	16.90	0.0490	19.14	0.0820
Middle		1	8	16.86	0.0485	19.01	0.0796
Highest		1	14	15.28	0.0337	17.71	0.0590
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	0	16.70	0.0468	19.07	0.0807
Middle		1	12	16.88	0.0488	19.09	0.0811
Highest		1	24	15.14	0.0327	17.73	0.0593
Lowest	16QAM	1	0	16.94	0.0494	19.26	0.0843
Middle		1	12	17.18	0.0522	19.26	0.0843
Highest		1	24	15.28	0.0337	17.81	0.0604
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	16.33	0.0430	18.63	0.0729
Middle		1	49	15.43	0.0349	17.69	0.0587
Highest		1	49	15.16	0.0328	17.72	0.0592
Lowest	16QAM	1	49	16.54	0.0451	19.19	0.0830
Middle		1	49	15.61	0.0364	18.01	0.0632
Highest		1	49	15.45	0.0351	18.04	0.0637
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	24	19.49	0.0889	20.23	0.1054
Middle		1	24	19.52	0.0895	20.06	0.1014
Highest		1	24	19.27	0.0845	20.49	0.1119
Lowest	16QAM	1	24	18.27	0.0671	19.92	0.0982
Middle		1	24	18.56	0.0718	19.68	0.0929
Highest		1	12	18.34	0.0682	19.85	0.0966
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	17.71	0.0590	20.15	0.1035
Middle		1	49	17.67	0.0585	20.00	0.1000
Highest		1	49	17.64	0.0581	20.17	0.1040
Lowest	16QAM	1	49	16.47	0.0444	19.55	0.0902
Middle		1	49	16.19	0.0416	19.32	0.0855
Highest		1	25	16.68	0.0466	19.96	0.0991
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	-52.06	-13	-39.06	-63.31	-63.79	0.87	12.60	H
	5550.48	-38.74	-13	-25.74	-55.20	-50.77	1.07	13.10	H
	7400.64	-51.52	-13	-38.52	-69.84	-61.13	1.69	11.30	H
	3700.32	-51.84	-13	-38.84	-64.31	-63.57	0.87	12.6	V
	5550.48	-37.41	-13	-24.41	-54.29	-49.44	1.07	13.1	V
	7400.64	-50.88	-13	-37.88	-69.1	-60.49	1.69	11.3	V
Middle	3758.92	-53.27	-13	-40.27	-64.52	-65.00	0.87	12.60	H
	5638.38	-38.86	-13	-25.86	-55.31	-50.89	1.07	13.10	H
	7517.84	-51.36	-13	-38.36	-69.68	-60.97	1.69	11.30	H
	3758.92	-53.14	-13	-40.14	-65.61	-64.87	0.87	12.6	V
	5638.38	-39.32	-13	-26.32	-55.74	-51.35	1.07	13.1	V
	7517.84	-49.77	-13	-36.77	-67.99	-59.38	1.69	11.3	V
Highest	3817.52	-51.16	-13	-38.16	-62.41	-62.89	0.87	12.60	H
	5726.28	-41.21	-13	-28.21	-57.09	-53.24	1.07	13.10	H
	7635.04	-51.37	-13	-38.37	-69.69	-60.98	1.69	11.30	H
	3817.52	-52.45	-13	-39.45	-64.92	-64.18	0.87	12.6	V
	5726.28	-37.83	-13	-24.83	-54.67	-49.86	1.07	13.1	V
	7635.04	-51.74	-13	-38.74	-69.96	-61.35	1.69	11.3	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	-51.52	-13	-38.52	-62.77	-63.25	0.87	12.60	H
	5550.72	-38.77	-13	-25.77	-55.23	-50.80	1.07	13.10	H
	7400.96	-50.86	-13	-37.86	-69.18	-60.47	1.69	11.30	H
	3700.48	-52.61	-13	-39.61	-65.08	-64.34	0.87	12.6	V
	5550.72	-40.20	-13	-27.20	-56.52	-52.23	1.07	13.1	V
	7400.96	-51.02	-13	-38.02	-69.24	-60.63	1.69	11.3	V
Middle	3758.92	-55.07	-13	-42.07	-66.32	-66.80	0.87	12.60	H
	5638.38	-38.95	-13	-25.95	-55.40	-50.98	1.07	13.10	H
	7517.84	-51.36	-13	-38.36	-69.68	-60.97	1.69	11.30	H
	3758.92	-54.58	-13	-41.58	-67.05	-66.31	0.87	12.6	V
	5638.38	-36.13	-13	-23.13	-53.46	-48.16	1.07	13.1	V
	7517.84	-50.11	-13	-37.11	-68.33	-59.72	1.69	11.3	V
Highest	3814.48	-51.39	-13	-38.39	-62.64	-63.12	0.87	12.60	H
	5721.72	-43.79	-13	-30.79	-59.67	-55.82	1.07	13.10	H
	7628.96	-51.73	-13	-38.73	-70.05	-61.34	1.69	11.30	H
	3814.48	-53.04	-13	-40.04	-65.51	-64.77	0.87	12.6	V
	5721.72	-39.74	-13	-26.74	-56.1	-51.77	1.07	13.1	V
	7628.96	-51.26	-13	-38.26	-69.48	-60.87	1.69	11.3	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	-51.61	-13	-38.61	-62.86	-63.34	0.87	12.60	H
	5551.02	-38.30	-13	-25.30	-54.77	-50.33	1.07	13.10	H
	7401.36	-51.21	-13	-38.21	-69.53	-60.82	1.69	11.30	H
	3700.68	-51.64	-13	-38.64	-64.11	-63.37	0.87	12.6	V
	5551.02	-38.87	-13	-25.87	-55.39	-50.90	1.07	13.1	V
	7401.36	-50.77	-13	-37.77	-68.99	-60.38	1.69	11.3	V
Middle	3755.68	-55.13	-13	-42.13	-66.38	-66.86	0.87	12.60	H
	5633.52	-40.19	-13	-27.19	-56.07	-52.22	1.07	13.10	H
	7511.36	-51.79	-13	-38.79	-70.11	-61.40	1.69	11.30	H
	3755.68	-52.32	-13	-39.32	-64.79	-64.05	0.87	12.6	V
	5633.52	-38.53	-13	-25.53	-55.17	-50.56	1.07	13.1	V
	7511.36	-49.85	-13	-36.85	-68.07	-59.46	1.69	11.3	V
Highest	3814.48	-53.91	-13	-40.91	-65.16	-65.64	0.87	12.60	H
	5721.72	-43.99	-13	-30.99	-59.87	-56.02	1.07	13.10	H
	7628.96	-51.53	-13	-38.53	-69.85	-61.14	1.69	11.30	H
	3814.48	-53.19	-13	-40.19	-65.66	-64.92	0.87	12.6	V
	5721.72	-40.08	-13	-27.08	-56.4	-52.11	1.07	13.1	V
	7628.96	-51.60	-13	-38.60	-69.82	-61.21	1.69	11.3	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	-51.32	-13	-38.32	-62.57	-63.05	0.87	12.60	H
	5551.77	-38.52	-13	-25.52	-54.98	-50.55	1.07	13.10	H
	7402.36	-51.85	-13	-38.85	-70.17	-61.46	1.69	11.30	H
	3701.18	-53.18	-13	-40.18	-65.65	-64.91	0.87	12.6	V
	5551.77	-39.64	-13	-26.64	-56.01	-51.67	1.07	13.1	V
	7402.36	-51.31	-13	-38.31	-69.53	-60.92	1.69	11.3	V
Middle	3751.18	-56.09	-13	-43.09	-67.34	-67.82	0.87	12.60	H
	5626.77	-41.34	-13	-28.34	-57.22	-53.37	1.07	13.10	H
	7502.36	-51.14	-13	-38.14	-69.46	-60.75	1.69	11.30	H
	3751.18	-52.51	-13	-39.51	-64.98	-64.24	0.87	12.6	V
	5626.77	-41.98	-13	-28.98	-58.3	-54.01	1.07	13.1	V
	7502.36	-51.67	-13	-38.67	-69.89	-61.28	1.69	11.3	V
Highest	3801.18	-52.12	-13	-39.12	-63.37	-63.85	0.87	12.60	H
	5701.77	-47.58	-13	-34.58	-63.46	-59.61	1.07	13.10	H
	7602.36	-51.49	-13	-38.49	-69.81	-61.10	1.69	11.30	H
	3801.18	-50.23	-13	-37.23	-62.7	-61.96	0.87	12.6	V
	5701.77	-46.16	-13	-33.16	-62.48	-58.19	1.07	13.1	V
	7602.36	-52.20	-13	-39.20	-70.42	-61.81	1.69	11.3	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	-51.74	-13	-38.74	-62.99	-63.47	0.87	12.60	H
	5552.52	-41.04	-13	-28.04	-56.92	-53.07	1.07	13.10	H
	7403.36	-51.26	-13	-38.26	-69.58	-60.87	1.69	11.30	H
	3701.68	-52.78	-13	-39.78	-65.25	-64.51	0.87	12.6	V
	5552.52	-38.80	-13	-25.80	-55.34	-50.83	1.07	13.1	V
	7403.36	-51.69	-13	-38.69	-69.91	-61.30	1.69	11.3	V
Middle	3746.68	-55.47	-13	-42.47	-66.72	-67.20	0.87	12.60	H
	5620.02	-42.61	-13	-29.61	-58.49	-54.64	1.07	13.10	H
	7493.36	-51.34	-13	-38.34	-69.66	-60.95	1.69	11.30	H
	3746.68	-52.39	-13	-39.39	-64.86	-64.12	0.87	12.6	V
	5620.02	-44.86	-13	-31.86	-61.18	-56.89	1.07	13.1	V
	7493.36	-50.92	-13	-37.92	-69.14	-60.53	1.69	11.3	V
Highest	3791.68	-51.35	-13	-38.35	-62.60	-63.08	0.87	12.60	H
	5687.52	-43.75	-13	-30.75	-59.63	-55.78	1.07	13.10	H
	7583.36	-51.49	-13	-38.49	-69.81	-61.10	1.69	11.30	H
	3791.68	-50.88	-13	-37.88	-63.35	-62.61	0.87	12.6	V
	5687.52	-41.08	-13	-28.08	-57.4	-53.11	1.07	13.1	V
	7583.36	-52.15	-13	-39.15	-70.37	-61.76	1.69	11.3	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	-51.60	-13	-38.60	-62.85	-63.33	0.87	12.60	H
	5553.27	-37.87	-13	-24.87	-54.41	-49.90	1.07	13.10	H
	7404.36	-51.34	-13	-38.34	-69.66	-60.95	1.69	11.30	H
	3702.18	-52.28	-13	-39.28	-64.75	-64.01	0.87	12.6	V
	5553.27	-37.42	-13	-24.42	-54.3	-49.45	1.07	13.1	V
	7404.36	-51.17	-13	-38.17	-69.39	-60.78	1.69	11.3	V
Middle	3742.18	-53.39	-13	-40.39	-64.64	-65.12	0.87	12.60	H
	5613.27	-47.48	-13	-34.48	-63.36	-59.51	1.07	13.10	H
	7484.36	-51.04	-13	-38.04	-69.36	-60.65	1.69	11.30	H
	3742.18	-51.16	-13	-38.16	-63.63	-62.89	0.87	12.6	V
	5613.27	-45.79	-13	-32.79	-62.11	-57.82	1.07	13.1	V
	7484.36	-50.82	-13	-37.82	-69.04	-60.43	1.69	11.3	V
Highest	3782.18	-50.09	-13	-37.09	-61.34	-61.82	0.87	12.60	H
	5673.27	-38.74	-13	-25.74	-55.20	-50.77	1.07	13.10	H
	7564.36	-51.91	-13	-38.91	-70.23	-61.52	1.69	11.30	H
	3782.18	-50.84	-13	-37.84	-63.31	-62.57	0.87	12.6	V
	5673.27	-35.49	-13	-22.49	-52.88	-47.52	1.07	13.1	V
	7564.36	-51.24	-13	-38.24	-69.46	-60.85	1.69	11.3	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	-50.26	-13	-37.26	-62.06	-62.01	0.85	12.60	H
	5130.48	-42.09	-13	-29.09	-57.96	-53.84	0.95	12.70	H
	6840.64	-52.65	-13	-39.65	-69.28	-63.17	1.18	11.70	H
	3420.32	-50.23	-13	-37.23	-60.46	-62.02	0.81	12.6	V
	5130.48	-48.58	-13	-35.58	-61.18	-60.33	0.95	12.7	V
	6840.64	-51.05	-13	-38.05	-68.23	-61.62	1.13	11.7	V
Middle	3463.74	-49.14	-13	-36.14	-60.94	-60.89	0.85	12.60	H
	5195.61	-41.90	-13	-28.90	-57.77	-53.65	0.95	12.70	H
	6927.48	-53.90	-13	-40.90	-70.53	-64.42	1.18	11.70	H
	3463.74	-48.76	-13	-35.76	-58.99	-60.55	0.81	12.6	V
	5195.61	-48.09	-13	-35.09	-60.69	-59.84	0.95	12.7	V
	6927.48	-52.74	-13	-39.74	-69.92	-63.31	1.13	11.7	V
Highest	3507.52	-52.26	-13	-39.26	-64.06	-64.01	0.85	12.60	H
	5261.28	-42.03	-13	-29.03	-57.90	-53.78	0.95	12.70	H
	7015.04	-53.83	-13	-40.83	-70.46	-64.35	1.18	11.70	H
	3507.52	-52.48	-13	-39.48	-62.71	-64.27	0.81	12.6	V
	5261.28	-46.12	-13	-33.12	-59.19	-57.87	0.95	12.7	V
	7015.04	-53.32	-13	-40.32	-70.5	-63.89	1.13	11.7	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-49.14	-13	-36.14	-60.94	-60.89	0.85	12.60	H
	5130.72	-41.73	-13	-28.73	-57.60	-53.48	0.95	12.70	H
	6840.96	-51.87	-13	-38.87	-68.50	-62.39	1.18	11.70	H
	3420.48	-51.17	-13	-38.17	-61.4	-62.96	0.81	12.6	V
	5130.72	-48.08	-13	-35.08	-60.68	-59.83	0.95	12.7	V
	6840.96	-50.75	-13	-37.75	-67.93	-61.32	1.13	11.7	V
Middle	3462.3	-49.59	-13	-36.59	-61.39	-61.34	0.85	12.60	H
	5193.45	-40.05	-13	-27.05	-55.92	-51.80	0.95	12.70	H
	6924.6	-53.06	-13	-40.06	-69.69	-63.58	1.18	11.70	H
	3462.3	-50.15	-13	-37.15	-60.38	-61.94	0.81	12.6	V
	5193.45	-47.56	-13	-34.56	-60.16	-59.31	0.95	12.7	V
	6924.6	-52.94	-13	-39.94	-70.12	-63.51	1.13	11.7	V
Highest	3504.48	-52.26	-13	-39.26	-64.06	-64.01	0.85	12.60	H
	5256.72	-42.24	-13	-29.24	-58.11	-53.99	0.95	12.70	H
	7008.96	-52.96	-13	-39.96	-69.59	-63.48	1.18	11.70	H
	3504.48	-51.38	-13	-38.38	-61.61	-63.17	0.81	12.6	V
	5256.72	-48.25	-13	-35.25	-60.85	-60.00	0.95	12.7	V
	7008.96	-51.12	-13	-38.12	-68.3	-61.69	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	-51.04	-13	-38.04	-62.84	-62.79	0.85	12.60	H
	5131.02	-40.72	-13	-27.72	-56.59	-52.47	0.95	12.70	H
	6841.36	-53.19	-13	-40.19	-69.82	-63.71	1.18	11.70	H
	3420.68	-51.26	-13	-38.26	-61.49	-63.05	0.81	12.6	V
	5131.02	-49.73	-13	-36.73	-62.33	-61.48	0.95	12.7	V
	6841.36	-51.87	-13	-38.87	-69.05	-62.44	1.13	11.7	V
Middle	3460.68	-49.29	-13	-36.29	-61.09	-61.04	0.85	12.60	H
	5191.02	-38.12	-13	-25.12	-53.99	-49.87	0.95	12.70	H
	6921.36	-54.00	-13	-41.00	-70.63	-64.52	1.18	11.70	H
	3460.68	-49.85	-13	-36.85	-60.08	-61.64	0.81	12.6	V
	5191.02	-41.46	-13	-28.46	-56.74	-53.21	0.95	12.7	V
	6921.36	-51.22	-13	-38.22	-68.4	-61.79	1.13	11.7	V
Highest	3500.68	-52.82	-13	-39.82	-64.62	-64.57	0.85	12.60	H
	5251.02	-43.41	-13	-30.41	-59.28	-55.16	0.95	12.70	H
	7001.36	-53.90	-13	-40.90	-70.53	-64.42	1.18	11.70	H
	3500.68	-47.48	-13	-34.48	-57.71	-59.27	0.81	12.6	V
	5251.02	-48.75	-13	-35.75	-61.35	-60.50	0.95	12.7	V
	7001.36	-51.93	-13	-38.93	-69.11	-62.50	1.13	11.7	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-50.69	-13	-37.69	-62.49	-62.44	0.85	12.60	H
	5131.77	-41.40	-13	-28.40	-57.27	-53.15	0.95	12.70	H
	6842.36	-52.60	-13	-39.60	-69.23	-63.12	1.18	11.70	H
	3421.18	-50.83	-13	-37.83	-61.06	-62.62	0.81	12.6	V
	5131.77	-48.47	-13	-35.47	-61.07	-60.22	0.95	12.7	V
	6842.36	-52.61	-13	-39.61	-69.79	-63.18	1.13	11.7	V
Middle	3456.18	-50.52	-13	-37.52	-62.32	-62.27	0.85	12.60	H
	5184.27	-44.10	-13	-31.10	-59.97	-55.85	0.95	12.70	H
	6912.36	-53.82	-13	-40.82	-70.45	-64.34	1.18	11.70	H
	3456.18	-50.99	-13	-37.99	-61.22	-62.78	0.81	12.6	V
	5184.27	-43.98	-13	-30.98	-58.36	-55.73	0.95	12.7	V
	6912.36	-52.60	-13	-39.60	-69.78	-63.17	1.13	11.7	V
Highest	3491.18	-49.51	-13	-36.51	-61.31	-61.26	0.85	12.60	H
	5236.77	-44.33	-13	-31.33	-60.20	-56.08	0.95	12.70	H
	6982.36	-53.86	-13	-40.86	-70.49	-64.38	1.18	11.70	H
	3491.18	-48.64	-13	-35.64	-58.87	-60.43	0.81	12.6	V
	5236.77	-48.67	-13	-35.67	-61.27	-60.42	0.95	12.7	V
	6982.36	-52.03	-13	-39.03	-69.21	-62.60	1.13	11.7	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.68	-48.18	-13	-35.18	-59.98	-59.93	0.85	12.60	H
	5132.52	-41.24	-13	-28.24	-57.11	-52.99	0.95	12.70	H
	6843.36	-51.39	-13	-38.39	-68.02	-61.91	1.18	11.70	H
	3421.68	-50.46	-13	-37.46	-60.69	-62.25	0.81	12.6	V
	5132.52	-49.39	-13	-36.39	-61.99	-61.14	0.95	12.7	V
	6843.36	-50.87	-13	-37.87	-68.05	-61.44	1.13	11.7	V
Middle	3451.68	-51.71	-13	-38.71	-63.51	-63.46	0.85	12.60	H
	5177.52	-42.21	-13	-29.21	-58.08	-53.96	0.95	12.70	H
	6903.36	-54.00	-13	-41.00	-70.63	-64.52	1.18	11.70	H
	3451.68	-50.34	-13	-37.34	-60.57	-62.13	0.81	12.6	V
	5177.52	-49.19	-13	-36.19	-61.79	-60.94	0.95	12.7	V
	6903.36	-52.90	-13	-39.90	-70.08	-63.47	1.13	11.7	V
Highest	3481.68	-46.32	-13	-33.32	-58.12	-58.07	0.85	12.60	H
	5222.52	-44.58	-13	-31.58	-60.45	-56.33	0.95	12.70	H
	6963.36	-54.03	-13	-41.03	-70.66	-64.55	1.18	11.70	H
	3481.68	-46.91	-13	-33.91	-57.14	-58.70	0.81	12.6	V
	5222.52	-49.04	-13	-36.04	-61.64	-60.79	0.95	12.7	V
	6963.36	-52.04	-13	-39.04	-69.22	-62.61	1.13	11.7	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-49.88	-13	-36.88	-61.68	-61.63	0.85	12.60	H
	5133.27	-42.99	-13	-29.99	-58.86	-54.74	0.95	12.70	H
	6844.36	-53.24	-13	-40.24	-69.87	-63.76	1.18	11.70	H
	3422.18	-51.86	-13	-38.86	-62.09	-63.65	0.81	12.6	V
	5133.27	-47.84	-13	-34.84	-60.44	-59.59	0.95	12.7	V
	6844.36	-52.84	-13	-39.84	-70.02	-63.41	1.13	11.7	V
Middle	3447.18	-51.70	-13	-38.70	-63.50	-63.45	0.85	12.60	H
	5170.77	-43.56	-13	-30.56	-59.43	-55.31	0.95	12.70	H
	6894.36	-54.23	-13	-41.23	-70.86	-64.75	1.18	11.70	H
	3447.18	-53.90	-13	-40.90	-64.13	-65.69	0.81	12.6	V
	5170.77	-47.52	-13	-34.52	-60.12	-59.27	0.95	12.7	V
	6894.36	-52.57	-13	-39.57	-69.75	-63.14	1.13	11.7	V
Highest	3472.18	-44.84	-13	-31.84	-56.64	-56.59	0.85	12.60	H
	5208.27	-40.33	-13	-27.33	-56.20	-52.08	0.95	12.70	H
	6944.36	-53.76	-13	-40.76	-70.39	-64.28	1.18	11.70	H
	3472.18	-47.37	-13	-34.37	-57.6	-59.16	0.81	12.6	V
	5208.27	-47.95	-13	-34.95	-60.55	-59.70	0.95	12.7	V
	6944.36	-52.78	-13	-39.78	-69.96	-63.35	1.13	11.7	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000.68	-49.50	-25.00	-24.50	-71.73	-61.25	0.95	12.70	H
	7501.02	-35.65	-25.00	-10.65	-63.22	-45.66	1.69	11.70	H
	10001.36	-46.42	-25.00	-21.42	-77.36	-56.89	1.63	12.10	H
	5000.68	-51.17	-25.00	-26.17	-72.89	-62.92	0.95	12.70	V
	7501.02	-35.59	-25.00	-10.59	-63.01	-45.60	1.69	11.70	V
	10001.36	-47.48	-25.00	-22.48	-77.38	-57.95	1.63	12.10	V
Middle	5065.68	-49.59	-25.00	-24.59	-71.82	-61.34	0.95	12.70	H
	7598.52	-38.00	-25.00	-13.00	-65.57	-48.01	1.69	11.70	H
	10131.36	-46.31	-25.00	-21.31	-77.25	-56.78	1.63	12.10	H
	5065.68	-51.45	-25.00	-26.45	-73.17	-63.20	0.95	12.70	V
	7598.52	-38.18	-25.00	-13.18	-65.60	-48.19	1.69	11.70	V
	10131.36	-47.00	-25.00	-22.00	-76.90	-57.47	1.63	12.10	V
Highest	5130.68	-50.19	-25.00	-25.19	-72.42	-61.94	0.95	12.70	H
	7696.02	-36.75	-25.00	-11.75	-64.32	-46.76	1.69	11.70	H
	10261.36	-45.95	-25.00	-20.95	-76.89	-56.42	1.63	12.10	H
	5130.68	-51.79	-25.00	-26.79	-73.51	-63.54	0.95	12.70	V
	7696.02	-40.31	-25.00	-15.31	-67.73	-50.32	1.69	11.70	V
	10261.36	-46.95	-25.00	-21.95	-76.85	-57.42	1.63	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-50.21	-25.00	-25.21	-72.44	-61.96	0.95	12.70	H
	7501.77	-35.13	-25.00	-10.13	-62.70	-45.14	1.69	11.70	H
	10002.36	-46.58	-25.00	-21.58	-77.52	-57.05	1.63	12.10	H
	5001.18	-50.92	-25.00	-25.92	-72.64	-62.67	0.95	12.70	V
	7501.77	-38.55	-25.00	-13.55	-65.97	-48.56	1.69	11.70	V
	10002.36	-47.37	-25.00	-22.37	-77.27	-57.84	1.63	12.10	V
Middle	5061.18	-51.76	-25.00	-26.76	-73.99	-63.51	0.95	12.70	H
	7591.77	-35.90	-25.00	-10.90	-63.47	-45.91	1.69	11.70	H
	10122.36	-46.27	-25.00	-21.27	-77.21	-56.74	1.63	12.10	H
	5061.18	-52.23	-25.00	-27.23	-73.95	-63.98	0.95	12.70	V
	7591.77	-36.41	-25.00	-11.41	-63.83	-46.42	1.69	11.70	V
	10122.36	-47.59	-25.00	-22.59	-77.49	-58.06	1.63	12.10	V
Highest	5121.18	-50.48	-25.00	-25.48	-72.71	-62.23	0.95	12.70	H
	7681.77	-36.88	-25.00	-11.88	-64.45	-46.89	1.69	11.70	H
	10242.36	-46.69	-25.00	-21.69	-77.63	-57.16	1.63	12.10	H
	5121.18	-51.75	-25.00	-26.75	-73.47	-63.50	0.95	12.70	V
	7681.77	-36.66	-25.00	-11.66	-64.08	-46.67	1.69	11.70	V
	10242.36	-47.70	-25.00	-22.70	-77.60	-58.17	1.63	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-50.26	-25.00	-25.26	-72.49	-62.01	0.95	12.70	H
	7502.52	-35.49	-25.00	-10.49	-63.06	-45.50	1.69	11.70	H
	10003.36	-46.21	-25.00	-21.21	-77.15	-56.68	1.63	12.10	H
	5001.68	-52.52	-25.00	-27.52	-74.24	-64.27	0.95	12.70	V
	7502.52	-37.59	-25.00	-12.59	-65.01	-47.60	1.69	11.70	V
	10003.36	-47.02	-25.00	-22.02	-76.92	-57.49	1.63	12.10	V
Middle	5056.68	-50.02	-25.00	-25.02	-72.25	-61.77	0.95	12.70	H
	7585.02	-34.00	-25.00	-9.00	-61.57	-44.01	1.69	11.70	H
	10131.36	-45.47	-25.00	-20.47	-76.41	-55.94	1.63	12.10	H
	5056.68	-52.29	-25.00	-27.29	-74.01	-64.04	0.95	12.70	V
	7585.02	-36.46	-25.00	-11.46	-63.88	-46.47	1.69	11.70	V
	10131.36	-46.88	-25.00	-21.88	-76.78	-57.35	1.63	12.10	V
Highest	5111.68	-48.56	-25.00	-23.56	-70.79	-60.31	0.95	12.70	H
	7667.52	-34.74	-25.00	-9.74	-62.31	-44.75	1.69	11.70	H
	10223.36	-46.19	-25.00	-21.19	-77.13	-56.66	1.63	12.10	H
	5111.68	-50.23	-25.00	-25.23	-71.95	-61.98	0.95	12.70	V
	7667.52	-38.57	-25.00	-13.57	-65.99	-48.58	1.69	11.70	V
	10223.36	-47.10	-25.00	-22.10	-77.00	-57.57	1.63	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-48.93	-25.00	-23.93	-71.16	-60.68	0.95	12.70	H
	7503.27	-35.39	-25.00	-10.39	-62.96	-45.40	1.69	11.70	H
	10004.36	-44.36	-25.00	-19.36	-75.30	-54.83	1.63	12.10	H
	5002.18	-48.47	-25.00	-23.47	-70.19	-60.22	0.95	12.70	V
	7503.27	-37.37	-25.00	-12.37	-64.79	-47.38	1.69	11.70	V
	10004.36	-47.43	-25.00	-22.43	-77.33	-57.90	1.63	12.10	V
Middle	5052.18	-50.03	-25.00	-25.03	-72.26	-61.78	0.95	12.70	H
	7578.27	-37.40	-25.00	-12.40	-64.97	-47.41	1.69	11.70	H
	10104.36	-45.75	-25.00	-20.75	-76.69	-56.22	1.63	12.10	H
	5052.18	-51.03	-25.00	-26.03	-72.75	-62.78	0.95	12.70	V
	7578.27	-37.11	-25.00	-12.11	-64.53	-47.12	1.69	11.70	V
	10104.36	-47.11	-25.00	-22.11	-77.01	-57.58	1.63	12.10	V
Highest	5102.18	-49.07	-25.00	-24.07	-71.30	-60.82	0.95	12.70	H
	7653.27	-37.37	-25.00	-12.37	-64.94	-47.38	1.69	11.70	H
	10204.36	-46.73	-25.00	-21.73	-77.67	-57.20	1.63	12.10	H
	5102.18	-50.32	-25.00	-25.32	-72.04	-62.07	0.95	12.70	V
	7653.27	-39.52	-25.00	-14.52	-66.94	-49.53	1.69	11.70	V
	10204.36	-47.00	-25.00	-22.00	-76.90	-57.47	1.63	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.14	-51.39	-13	-38.39	-54.71	-56.68	0.56	8.00	H
	2097.21	-41.04	-13	-28.04	-48.47	-48.64	0.65	10.40	H
	2796.28	-52.26	-13	-39.26	-59.34	-60.79	0.82	11.50	H
	3495.35	-51.99	-13	-38.99	-61.40	-61.59	0.85	12.60	H
	1398.14	-51.27	-13	-38.27	-54.39	-56.56	0.56	8.00	V
	2097.21	-39.25	-13	-26.25	-47.41	-46.85	0.65	10.40	V
	2796.28	-50.19	-13	-37.19	-57.52	-58.72	0.82	11.50	V
	3495.35	-51.49	-13	-38.49	-61.37	-61.09	0.85	12.60	V
Middle	1413.74	-45.40	-13	-32.40	-49.75	-50.69	0.56	8.00	H
	2120.61	-44.61	-13	-31.61	-51.33	-52.21	0.65	10.40	H
	2827.48	-53.08	-13	-40.08	-60.16	-61.61	0.82	11.50	H
	3534.35	-49.52	-13	-36.52	-58.93	-59.12	0.85	12.60	H
	1413.74	-44.59	-13	-31.59	-49.11	-49.88	0.56	8.00	V
	2120.61	-42.63	-13	-29.63	-49.49	-50.23	0.65	10.40	V
	2827.48	-51.75	-13	-38.75	-59.08	-60.28	0.82	11.50	V
	3534.35	-46.28	-13	-33.28	-56.16	-55.88	0.85	12.60	V
Highest	1429.34	-42.32	-13	-29.32	-47.06	-47.61	0.56	8.00	H
	2144.01	-43.73	-13	-30.73	-50.58	-51.33	0.65	10.40	H
	2858.68	-55.53	-13	-42.53	-62.61	-64.06	0.82	11.50	H
	3573.35	-49.97	-13	-36.97	-59.38	-59.57	0.85	12.60	H
	1429.34	-42.82	-13	-29.82	-47.75	-48.11	0.56	8.00	V
	2144.01	-42.14	-13	-29.14	-48.99	-49.74	0.65	10.40	V
	2858.68	-51.70	-13	-38.70	-59.03	-60.23	0.82	11.50	V
	3573.35	-48.42	-13	-35.42	-58.30	-58.02	0.85	12.60	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-51.65	-13	-38.65	-54.99	-56.94	0.56	8.00	H
	2097.45	-40.62	-13	-27.62	-48.06	-48.22	0.65	10.40	H
	2796.6	-52.08	-13	-39.08	-59.16	-60.61	0.82	11.50	H
	3495.75	-52.45	-13	-39.45	-61.86	-62.05	0.85	12.60	H
	1398.3	-51.68	-13	-38.68	-54.65	-56.97	0.56	8.00	V
	2097.45	-38.23	-13	-25.23	-46.52	-45.83	0.65	10.40	V
	2796.6	-49.87	-13	-36.87	-57.24	-58.40	0.82	11.50	V
	3495.75	-51.25	-13	-38.25	-61.13	-60.85	0.85	12.60	V
Middle	1412.3	-48.05	-13	-35.05	-52.15	-53.34	0.56	8.00	H
	2118.45	-43.10	-13	-30.10	-50.23	-50.70	0.65	10.40	H
	2824.6	-53.96	-13	-40.96	-61.04	-62.49	0.82	11.50	H
	3530.75	-48.34	-13	-35.34	-57.75	-57.94	0.85	12.60	H
	1412.3	-44.86	-13	-31.86	-49.29	-50.15	0.56	8.00	V
	2118.45	-41.20	-13	-28.20	-48.24	-48.80	0.65	10.40	V
	2824.6	-53.04	-13	-40.04	-60.37	-61.57	0.82	11.50	V
	3530.75	-48.39	-13	-35.39	-58.27	-57.99	0.85	12.60	V
Highest	1426.3	-46.95	-13	-33.95	-50.95	-52.24	0.56	8.00	H
	2138.45	-46.95	-13	-33.95	-53.25	-54.55	0.65	10.40	H
	2852.6	-52.63	-13	-39.63	-59.71	-61.16	0.82	11.50	H
	3565.75	-46.29	-13	-33.29	-55.70	-55.89	0.85	12.60	H
	1426.3	-46.11	-13	-33.11	-50.52	-51.40	0.56	8.00	V
	2139.45	-46.22	-13	-33.22	-52.22	-53.82	0.65	10.40	V
	2852.6	-53.01	-13	-40.01	-60.34	-61.54	0.82	11.50	V
	3565.75	-45.20	-13	-32.20	-55.12	-54.80	0.85	12.60	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-51.72	-13	-38.72	-55.06	-57.01	0.56	8.00	H
	2097.75	-40.35	-13	-27.35	-47.79	-47.95	0.65	10.40	H
	2797	-52.92	-13	-39.92	-60.00	-61.45	0.82	11.50	H
	3496.25	-53.53	-13	-40.53	-62.94	-63.13	0.85	12.60	H
	1398.5	-52.26	-13	-39.26	-55.09	-57.55	0.56	8.00	V
	2097.75	-38.75	-13	-25.75	-46.99	-46.35	0.65	10.40	V
	2797	-50.60	-13	-37.60	-57.93	-59.13	0.82	11.50	V
	3496.25	-50.84	-13	-37.84	-60.72	-60.44	0.85	12.60	V
Middle	1410.5	-47.16	-13	-34.16	-51.17	-52.45	0.56	8.00	H
	2115.75	-47.10	-13	-34.10	-53.35	-54.70	0.65	10.40	H
	2821	-55.30	-13	-42.30	-62.38	-63.83	0.82	11.50	H
	3526.25	-54.03	-13	-41.03	-63.44	-63.63	0.85	12.60	H
	1410.5	-46.03	-13	-33.03	-50.45	-51.32	0.56	8.00	V
	2115.75	-44.25	-13	-31.25	-50.79	-51.85	0.65	10.40	V
	2821	-51.96	-13	-38.96	-59.29	-60.49	0.82	11.50	V
	3526.25	-51.11	-13	-38.11	-60.99	-60.71	0.85	12.60	V
Highest	1422.5	-50.40	-13	-37.40	-54.01	-55.69	0.56	8.00	H
	2133.75	-47.27	-13	-34.27	-53.44	-54.87	0.65	10.40	H
	2845	-52.99	-13	-39.99	-60.07	-61.52	0.82	11.50	H
	3556.25	-49.35	-13	-36.35	-58.76	-58.95	0.85	12.60	H
	1422.5	-49.01	-13	-36.01	-53.02	-54.30	0.56	8.00	V
	2133.75	-45.21	-13	-32.21	-51.64	-52.81	0.65	10.40	V
	2845	-51.20	-13	-38.20	-58.53	-59.73	0.82	11.50	V
	3556.25	-46.88	-13	-33.88	-56.76	-56.48	0.85	12.60	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-52.15	-13	-39.15	-55.47	-57.44	0.56	8.00	H
	2098.5	-40.94	-13	-27.94	-48.38	-48.54	0.65	10.40	H
	2798	-53.23	-13	-40.23	-60.31	-61.76	0.82	11.50	H
	3497.5	-51.84	-13	-38.84	-61.25	-61.44	0.85	12.60	H
	1399	-51.44	-13	-38.44	-54.50	-56.73	0.56	8.00	V
	2098.5	-39.06	-13	-26.06	-47.27	-46.66	0.65	10.40	V
	2798	-50.68	-13	-37.68	-58.01	-59.21	0.82	11.50	V
	3497.5	-51.03	-13	-38.03	-60.91	-60.63	0.85	12.60	V
Middle	1406	-49.31	-13	-36.31	-53.15	-54.60	0.56	8.00	H
	2109	-38.76	-13	-25.76	-46.46	-46.36	0.65	10.40	H
	2812	-52.09	-13	-39.09	-59.17	-60.62	0.82	11.50	H
	3515	-47.41	-13	-34.41	-56.82	-57.01	0.85	12.60	H
	1406	-44.73	-13	-31.73	-49.20	-50.02	0.56	8.00	V
	2109	-33.71	-13	-20.71	-42.40	-41.31	0.65	10.40	V
	2812	-50.38	-13	-37.38	-57.71	-58.91	0.82	11.50	V
	3515	-47.22	-13	-34.22	-57.10	-56.82	0.85	12.60	V
Highest	1413	-47.43	-13	-34.43	-51.47	-52.72	0.56	8.00	H
	2119.5	-42.14	-13	-29.14	-49.28	-49.74	0.65	10.40	H
	2826	-53.27	-13	-40.27	-60.35	-61.80	0.82	11.50	H
	3532.5	-49.48	-13	-36.48	-58.89	-59.08	0.85	12.60	H
	1413	-45.61	-13	-32.61	-50.02	-50.90	0.56	8.00	V
	2119.5	-41.70	-13	-28.70	-48.62	-49.30	0.65	10.40	V
	2826	-51.25	-13	-38.25	-58.58	-59.78	0.82	11.50	V
	3532.5	-47.40	-13	-34.40	-57.28	-57.00	0.85	12.60	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-45.47	-13	-32.47	-49.82	-50.76	0.56	8.00	H
	2113.02	-52.38	-13	-39.38	-56.90	-59.98	0.65	10.40	H
	2817.36	-57.54	-13	-44.54	-64.62	-66.07	0.82	11.50	H
	3521.7	-52.49	-13	-39.49	-61.90	-62.09	0.85	12.60	H
	1408.68	-43.22	-13	-30.22	-48.07	-48.51	0.56	8.00	V
	2113.02	-54.52	-13	-41.52	-58.41	-62.12	0.65	10.40	V
	2817.36	-57.98	-13	-44.98	-65.31	-66.51	0.82	11.50	V
	3521.7	-54.56	-13	-41.56	-64.44	-64.16	0.85	12.60	V
Middle	1415.68	-41.84	-13	-28.84	-46.65	-47.13	0.56	8.00	H
	2123.58	-49.86	-13	-36.86	-55.26	-57.46	0.65	10.40	H
	2831.36	-57.84	-13	-44.84	-64.92	-66.37	0.82	11.50	H
	3539.2	-48.41	-13	-35.41	-57.82	-58.01	0.85	12.60	H
	1415.68	-38.44	-13	-25.44	-43.89	-43.73	0.56	8.00	V
	2123.58	-54.50	-13	-41.50	-58.39	-62.10	0.65	10.40	V
	2831.36	-57.81	-13	-44.81	-65.14	-66.34	0.82	11.50	V
	3539.2	-49.00	-13	-36.00	-58.88	-58.60	0.85	12.60	V
Highest	1422.68	-43.67	-13	-30.67	-48.24	-48.96	0.56	8.00	H
	2134.02	-56.83	-13	-43.83	-61.35	-64.43	0.65	10.40	H
	2845.36	-57.77	-13	-44.77	-64.85	-66.30	0.82	11.50	H
	3556.7	-53.22	-13	-40.22	-62.63	-62.82	0.85	12.60	H
	1422.68	-43.42	-13	-30.42	-48.23	-48.71	0.56	8.00	V
	2134.02	-58.44	-13	-45.44	-62.33	-66.04	0.65	10.40	V
	2845.36	-57.51	-13	-44.51	-64.84	-66.04	0.82	11.50	V
	3556.7	-54.33	-13	-41.33	-64.21	-63.93	0.85	12.60	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	-44.94	-13	-31.94	-49.29	-50.23	0.56	8.00	H
	2113.5	-47.85	-13	-34.85	-53.76	-55.45	0.65	10.40	H
	2818	-57.04	-13	-44.04	-64.12	-65.57	0.82	11.50	H
	3522.5	-50.84	-13	-37.84	-60.25	-60.44	0.85	12.60	H
	1409	-43.88	-13	-30.88	-48.61	-49.17	0.56	8.00	V
	2113.5	-55.57	-13	-42.57	-59.46	-63.17	0.65	10.40	V
	2818	-57.78	-13	-44.78	-65.11	-66.31	0.82	11.50	V
	3522.5	-54.10	-13	-41.10	-63.98	-63.70	0.85	12.60	V
Middle	1411	-45.09	-13	-32.09	-49.43	-50.38	0.56	8.00	H
	2116.5	-52.24	-13	-39.24	-56.76	-59.84	0.65	10.40	H
	2822	-58.08	-13	-45.08	-65.16	-66.61	0.82	11.50	H
	3527.5	-50.93	-13	-37.93	-60.34	-60.53	0.85	12.60	H
	1411	-42.14	-13	-29.14	-47.25	-47.43	0.56	8.00	V
	2116.5	-54.20	-13	-41.20	-58.09	-61.80	0.65	10.40	V
	2822	-57.30	-13	-44.30	-64.63	-65.83	0.82	11.50	V
	3527.5	-53.99	-13	-40.99	-63.87	-63.59	0.85	12.60	V
Highest	1413	-43.73	-13	-30.73	-48.31	-49.02	0.56	8.00	H
	2119.5	-53.27	-13	-40.27	-57.79	-60.87	0.65	10.40	H
	2826	-57.83	-13	-44.83	-64.91	-66.36	0.82	11.50	H
	3532.5	-50.89	-13	-37.89	-60.30	-60.49	0.85	12.60	H
	1413	-41.32	-13	-28.32	-46.56	-46.61	0.56	8.00	V
	2119.5	-54.23	-13	-41.23	-58.12	-61.83	0.65	10.40	V
	2826	-57.92	-13	-44.92	-65.25	-66.45	0.82	11.50	V
	3532.5	-52.25	-13	-39.25	-62.13	-61.85	0.85	12.60	V

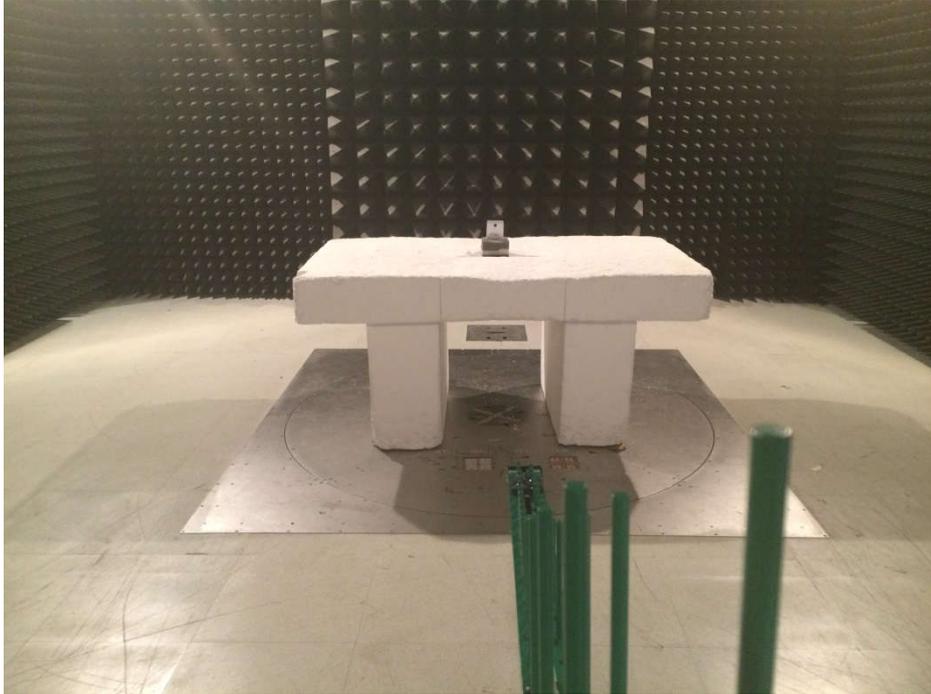
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

Appendix C. Setup Photographs

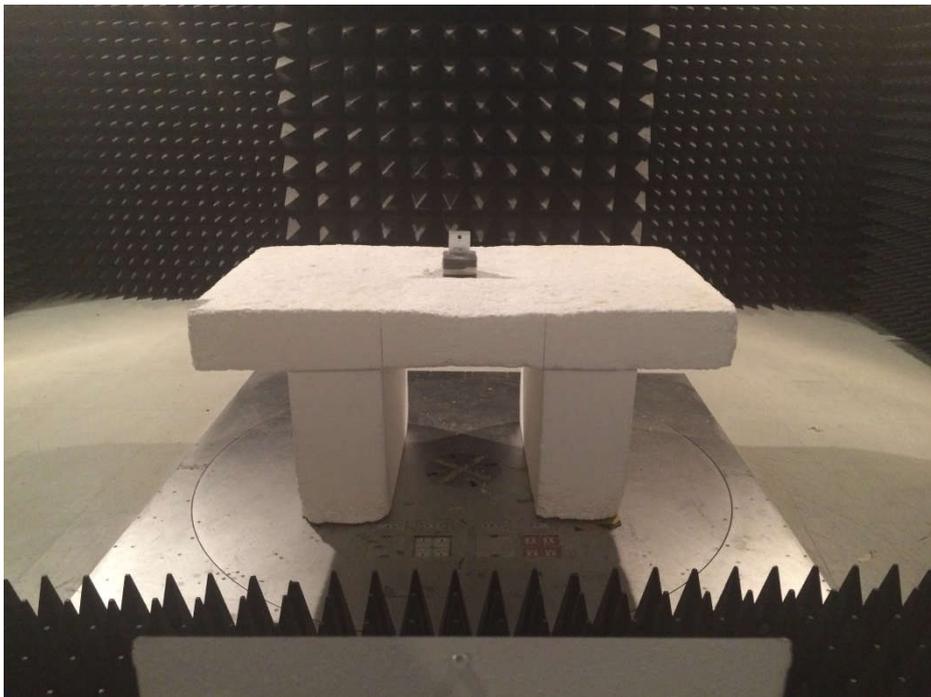
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Y Plane for LTE Band 2

LF

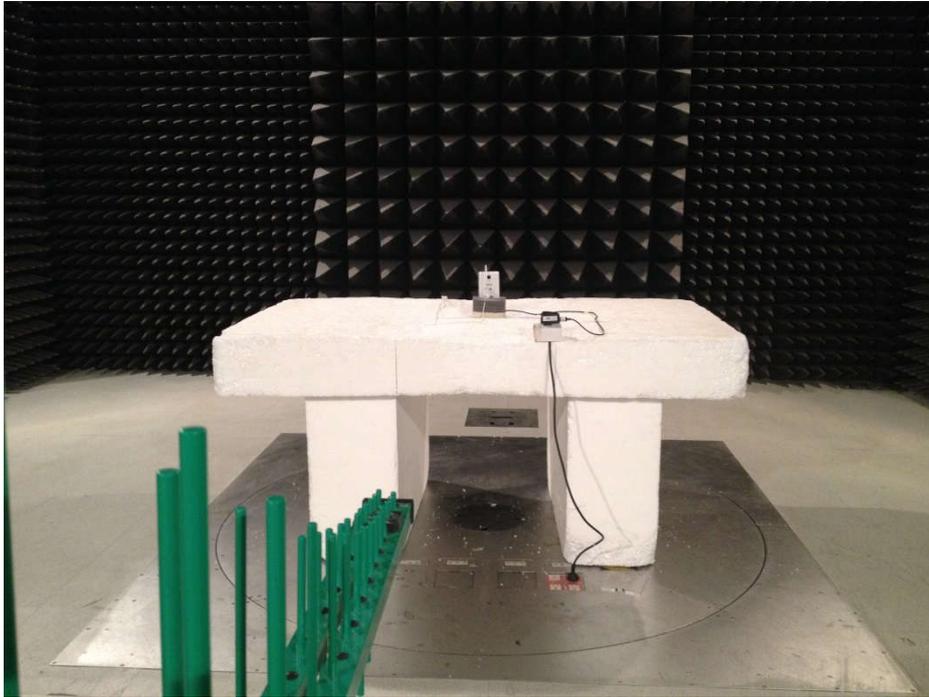


HF

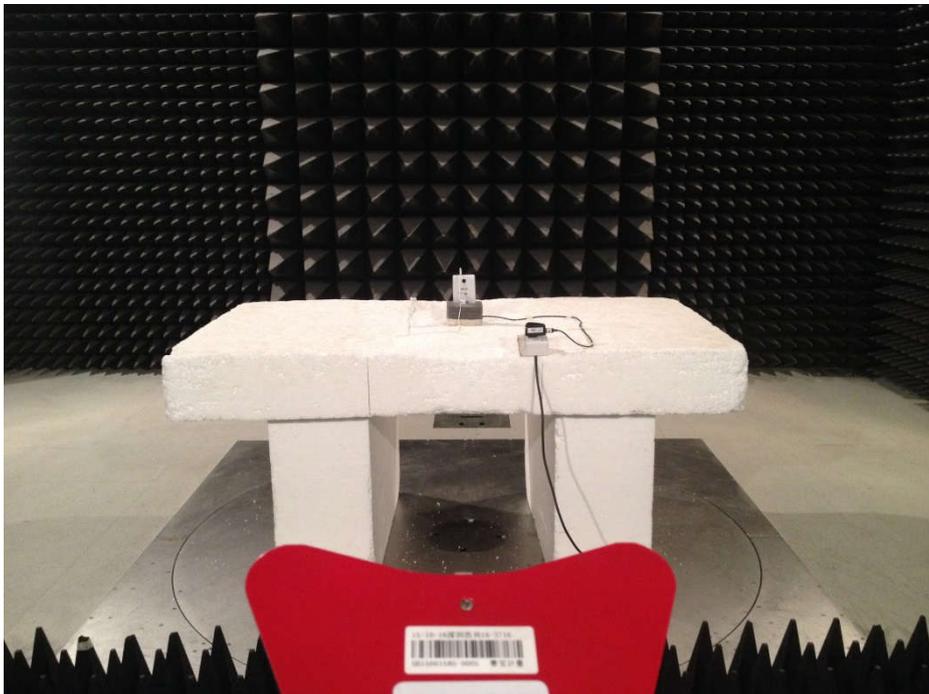


Y Plane for LTE Band 4 / 17

LF

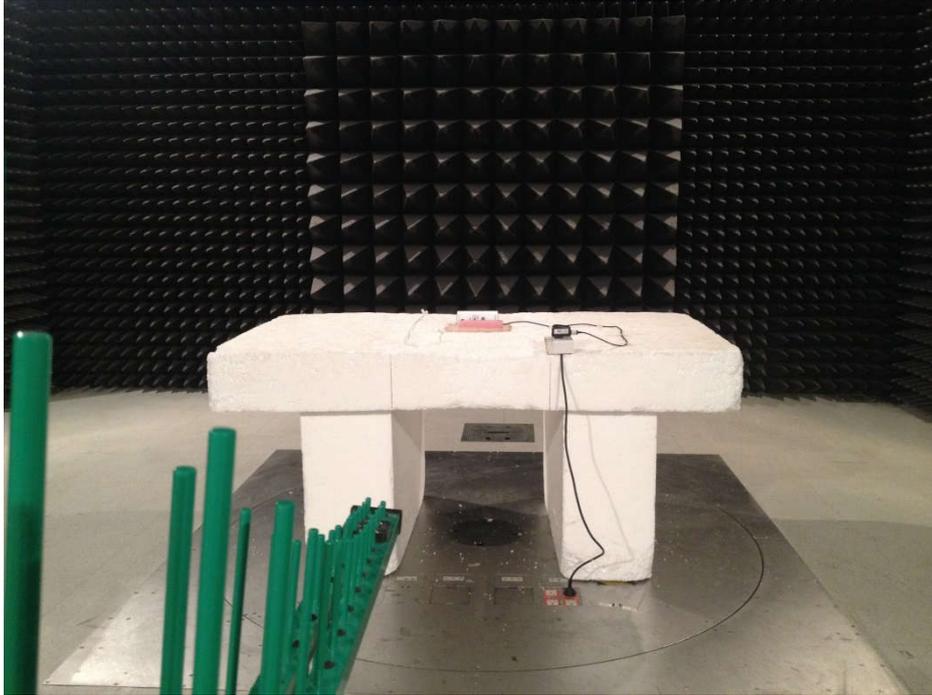


HF



Z Plane for LTE Band 7 / 12

LF



HF

