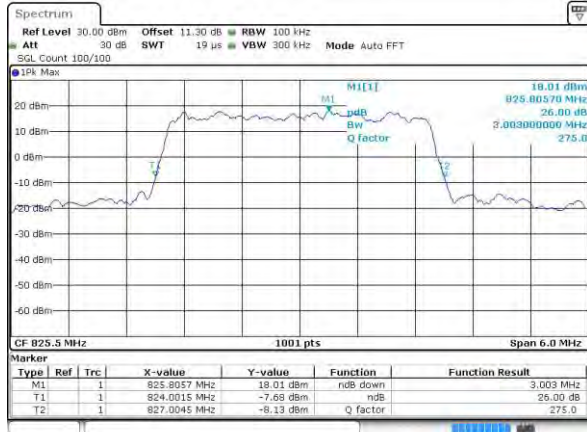


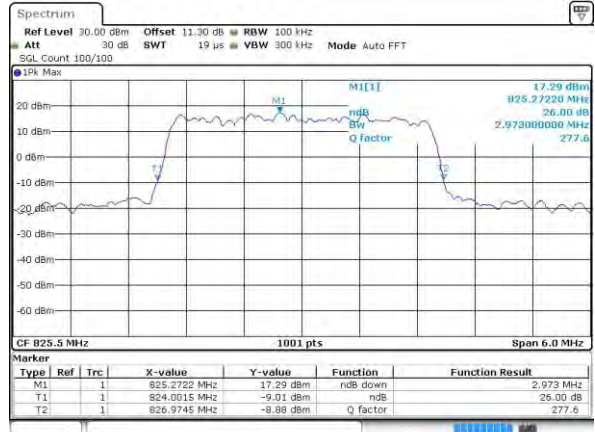


LTE Band 5

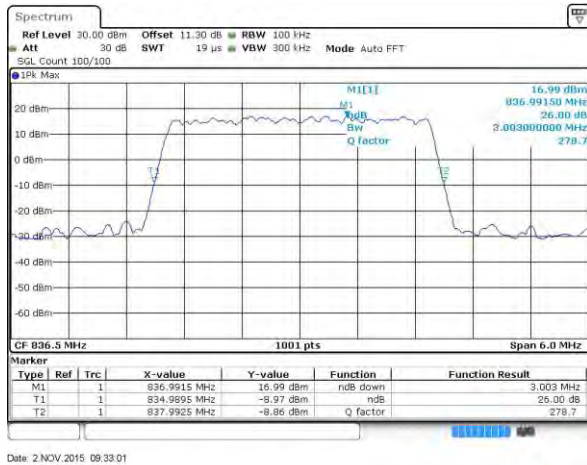
Lowest Channel / 3MHz / QPSK



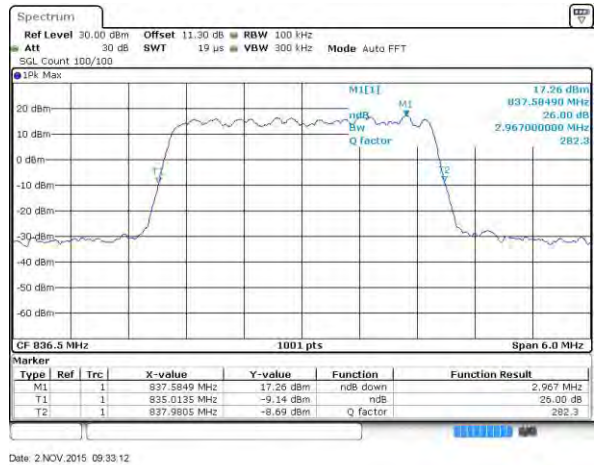
Lowest Channel / 3MHz / 16QAM



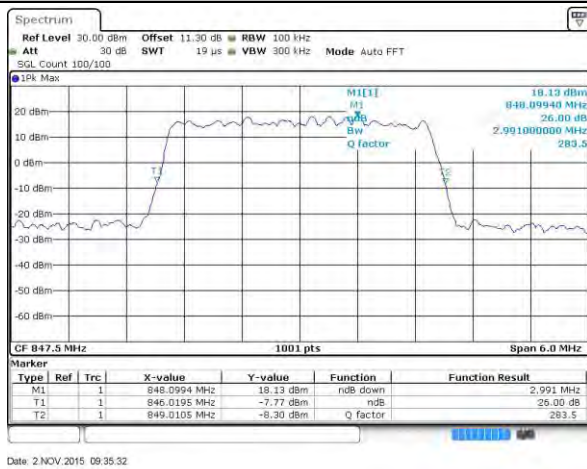
Middle Channel / 3MHz / QPSK



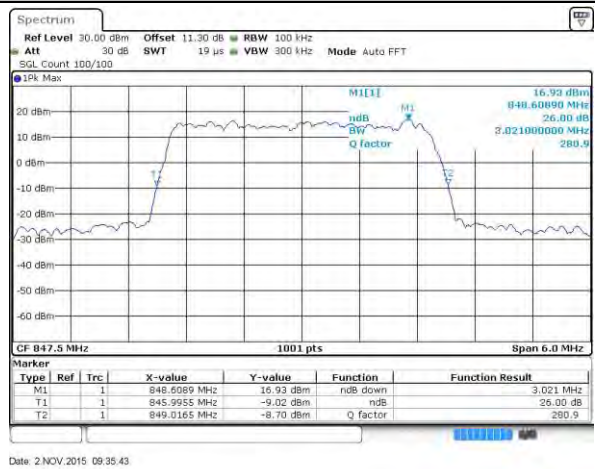
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



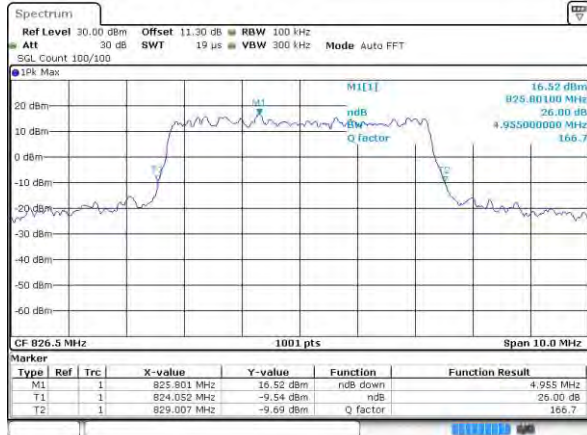
Highest Channel / 3MHz / 16QAM



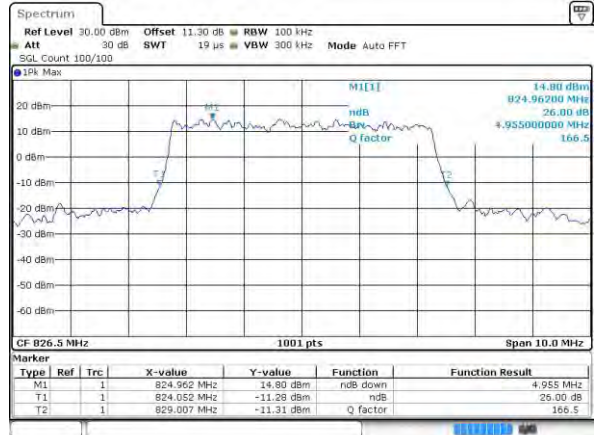


LTE Band 5

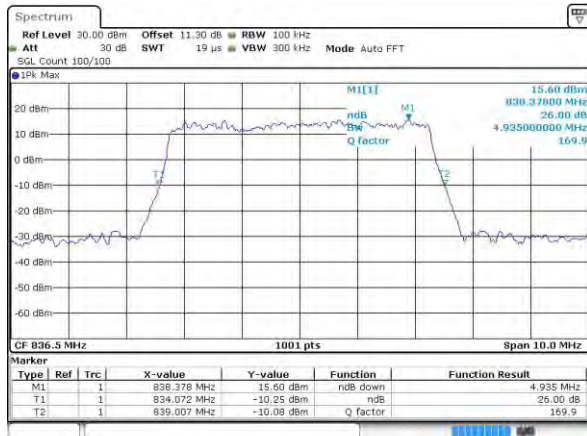
Lowest Channel / 5MHz / QPSK



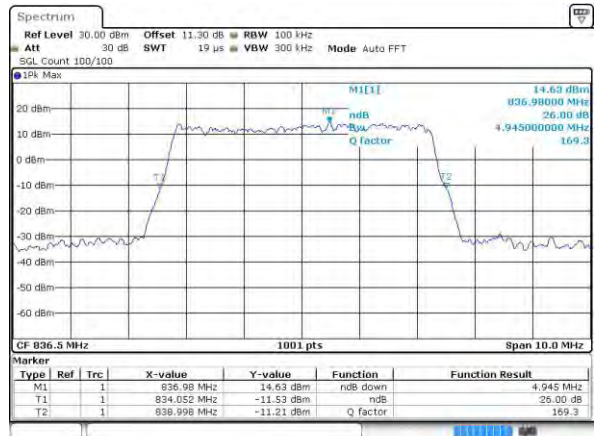
Lowest Channel / 5MHz / 16QAM



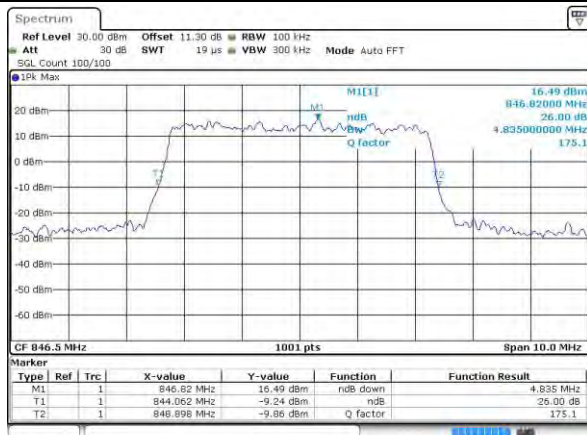
Middle Channel / 5MHz / QPSK



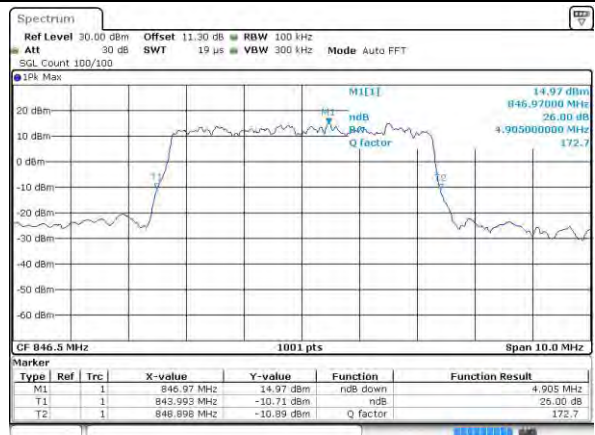
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



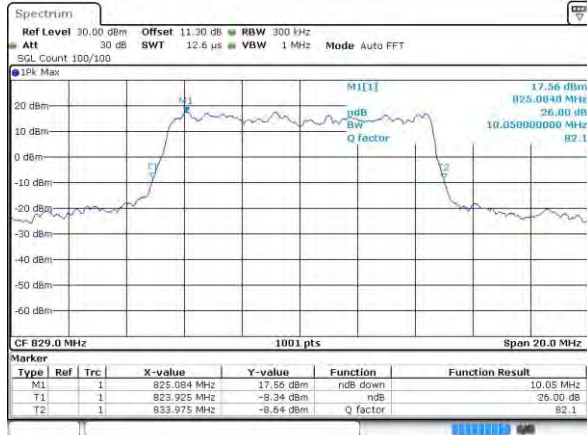
Highest Channel / 5MHz / 16QAM



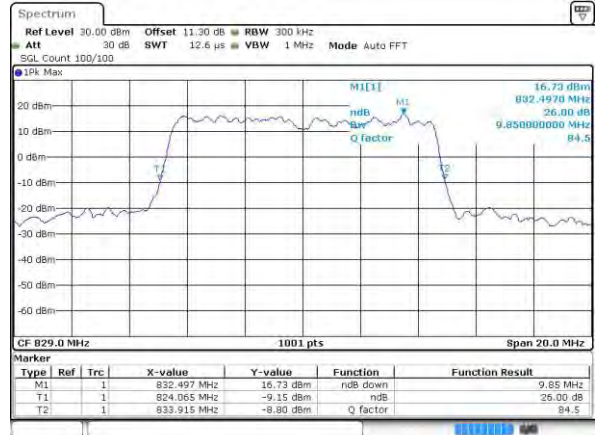


LTE Band 5

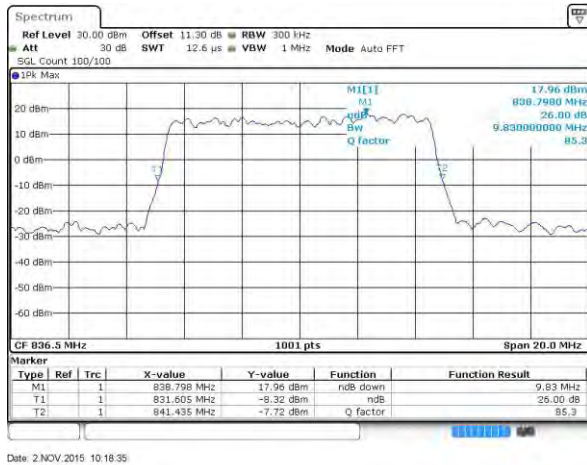
Lowest Channel / 10MHz / QPSK



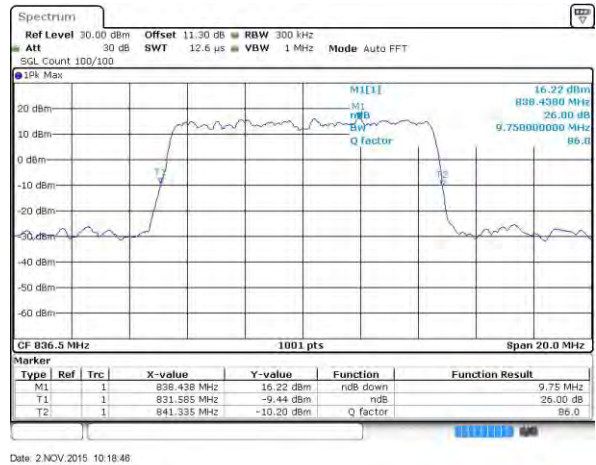
Lowest Channel / 10MHz / 16QAM



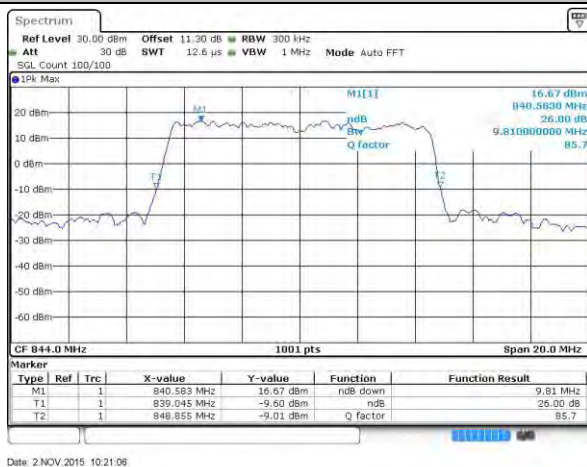
Middle Channel / 10MHz / QPSK



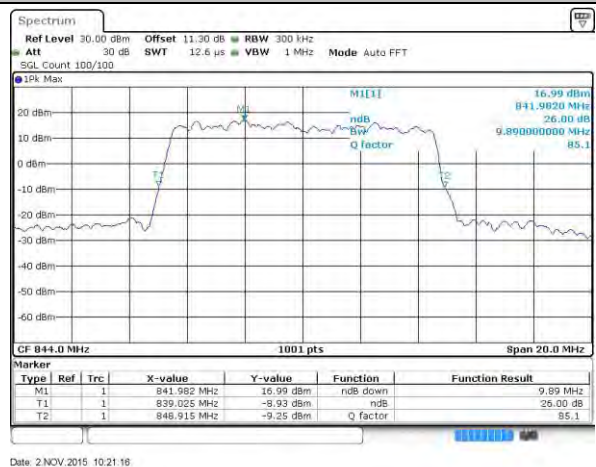
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





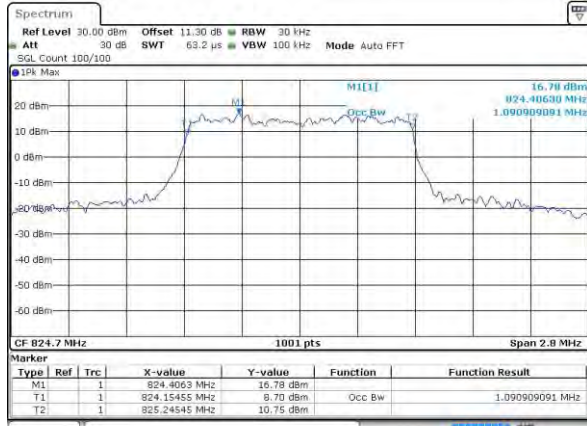
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.5	4.5	9.05	9.01	-	-	-	-
Middle CH	1.08	1.09	2.71	2.73	4.5	4.49	9.11	9.03	-	-	-	-
Highest CH	1.1	1.09	2.73	2.73	4.51	4.47	9.05	9.01	-	-	-	-

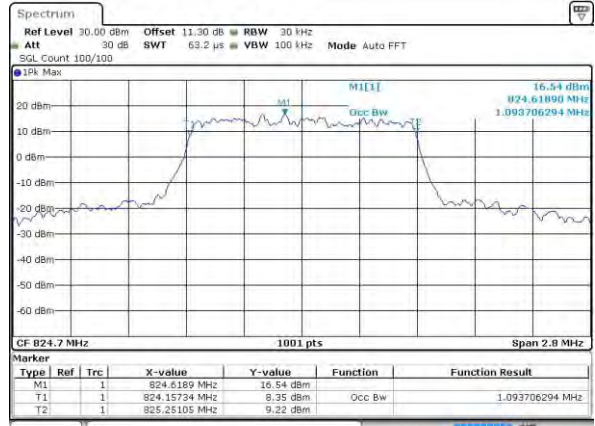


LTE Band 5

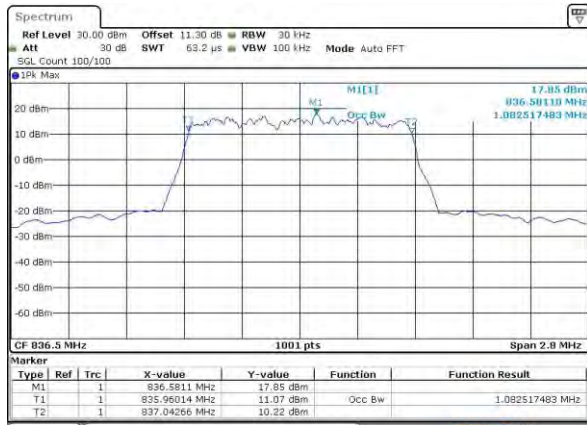
Lowest Channel / 1.4MHz / QPSK



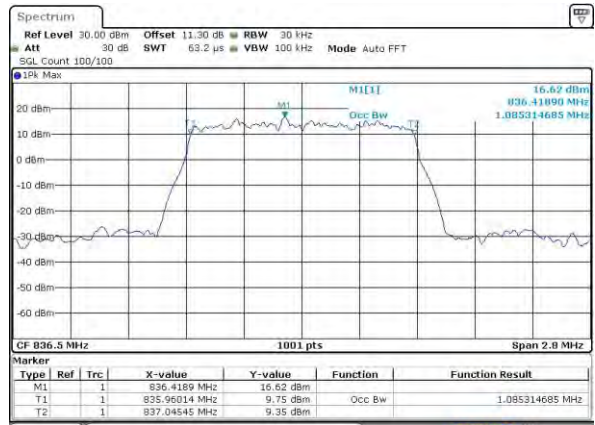
Lowest Channel / 1.4MHz / 16QAM



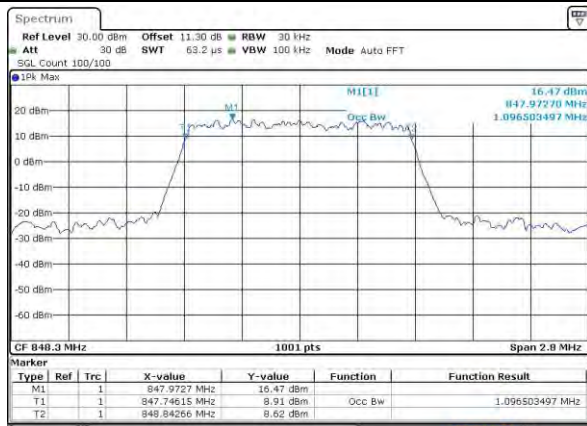
Middle Channel / 1.4MHz / QPSK



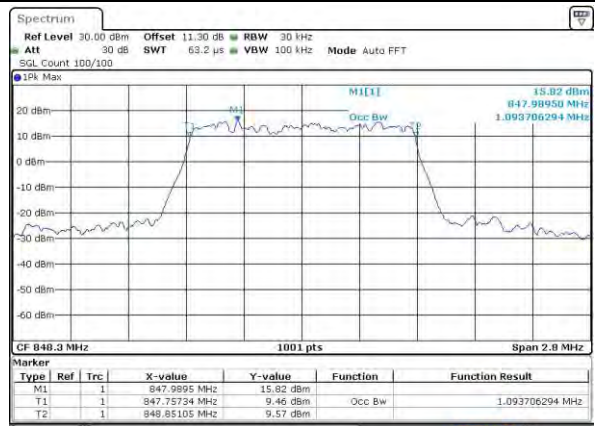
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



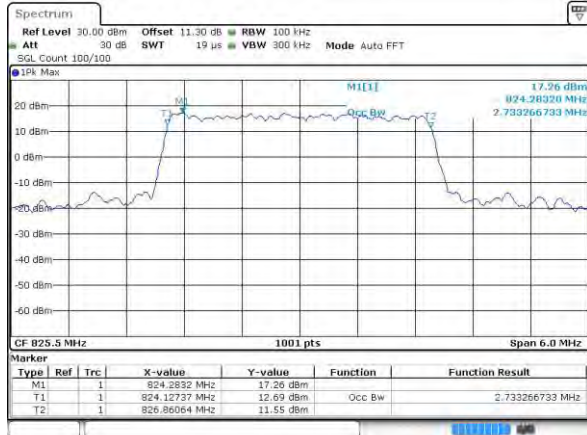
Highest Channel / 1.4MHz / 16QAM



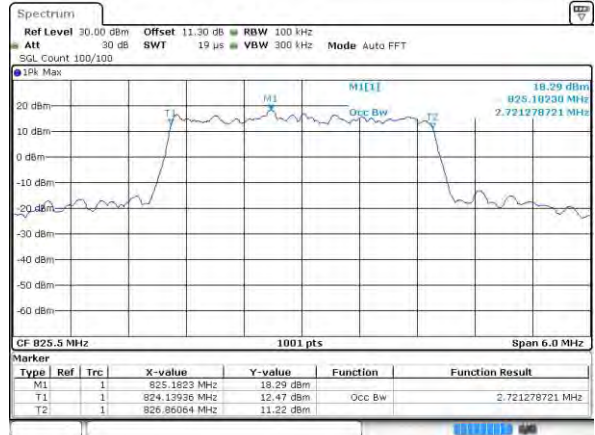


LTE Band 5

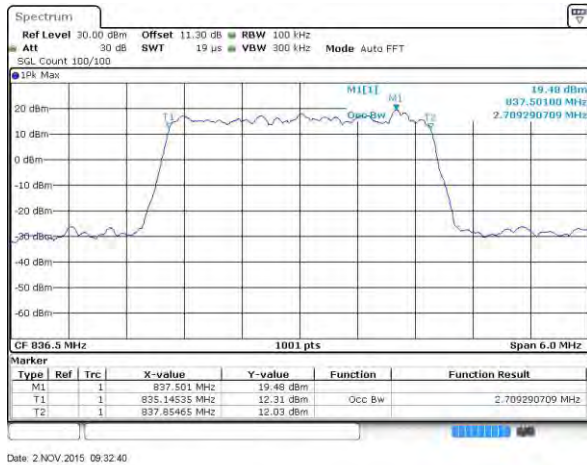
Lowest Channel / 3MHz / QPSK



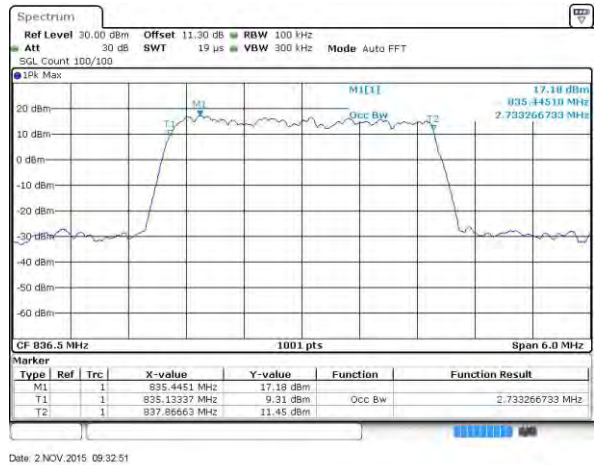
Lowest Channel / 3MHz / 16QAM



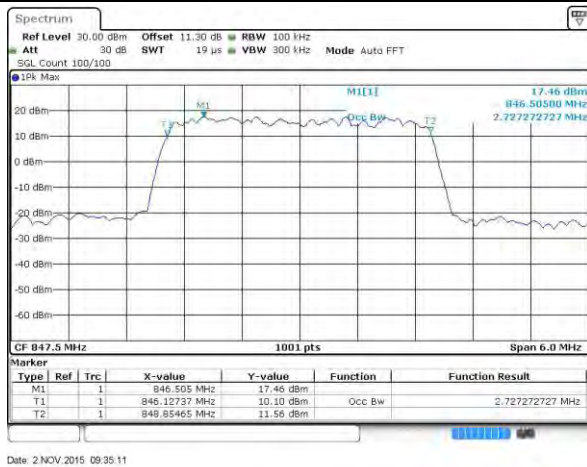
Middle Channel / 3MHz / QPSK



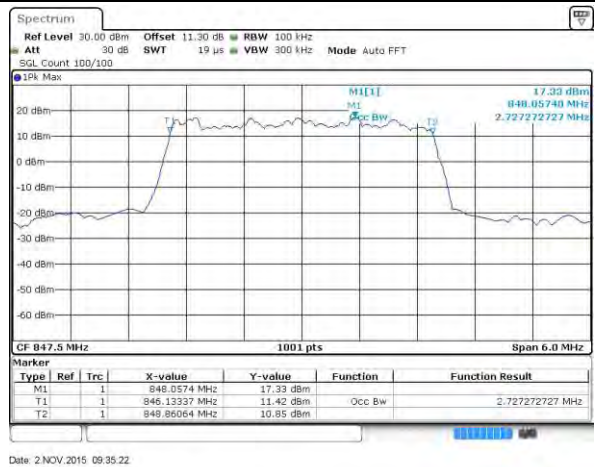
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



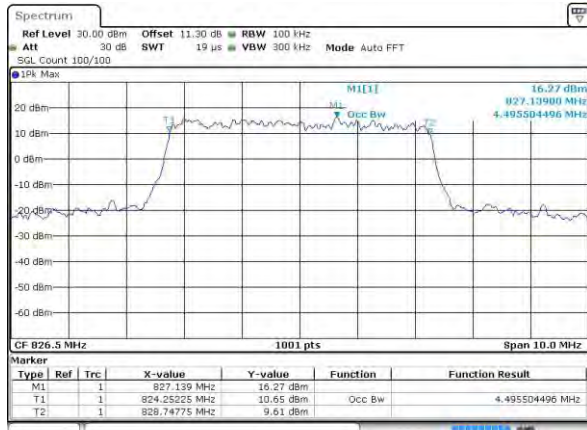
Highest Channel / 3MHz / 16QAM





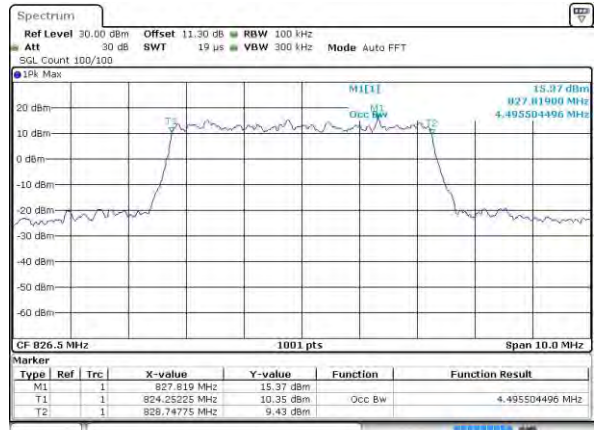
LTE Band 5

Lowest Channel / 5MHz / QPSK



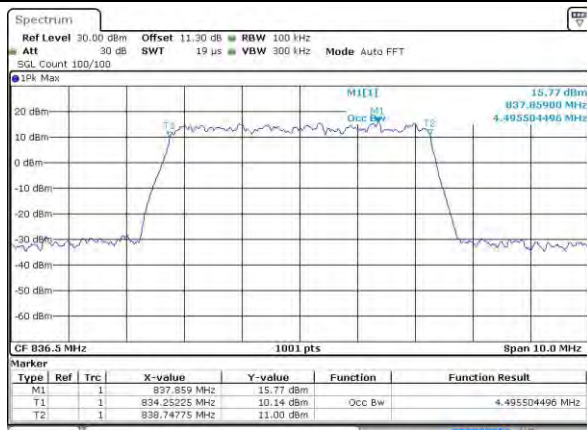
Date: 2 NOV 2015 09:45:20

Lowest Channel / 5MHz / 16QAM



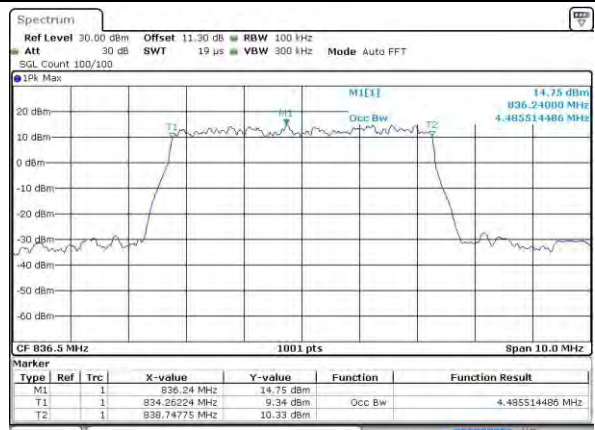
Date: 2 NOV 2015 09:45:30

Middle Channel / 5MHz / QPSK



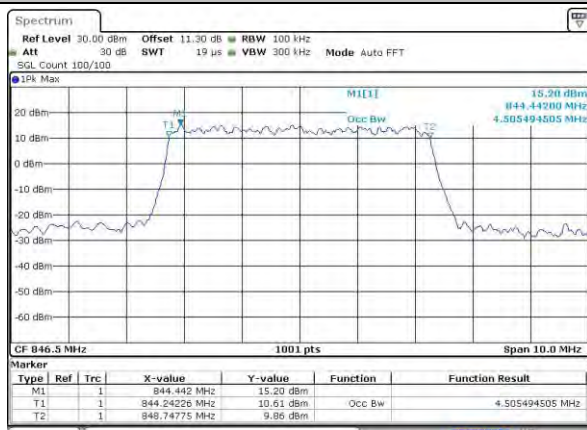
Date: 2 NOV 2015 09:55:28

Middle Channel / 5MHz / 16QAM



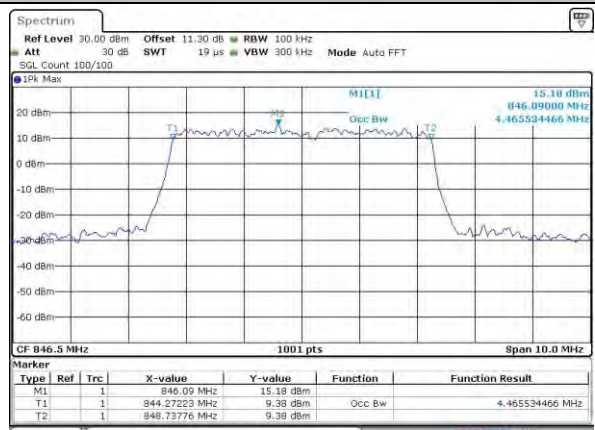
Date: 2 NOV 2015 09:55:38

Highest Channel / 5MHz / QPSK



Date: 2 NOV 2015 09:57:59

Highest Channel / 5MHz / 16QAM

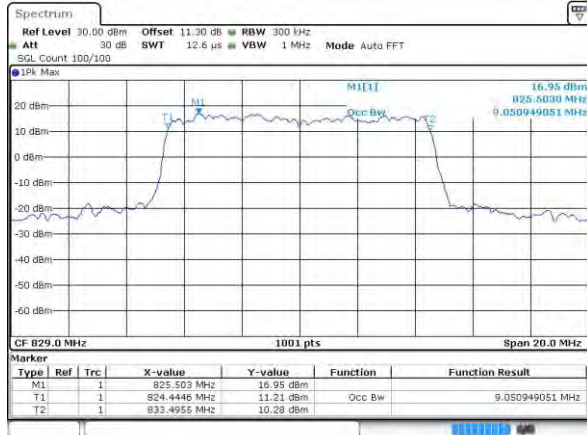


Date: 2 NOV 2015 09:58:09

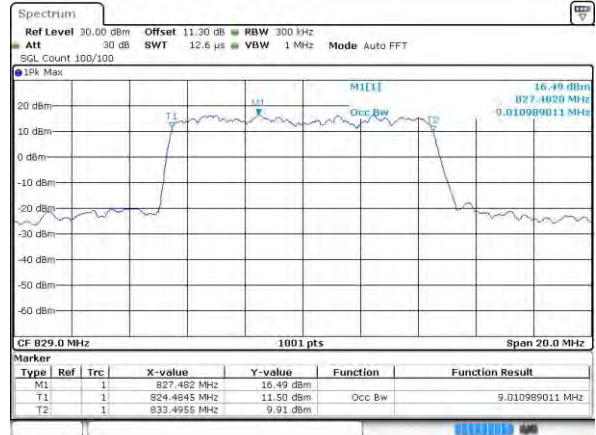


LTE Band 5

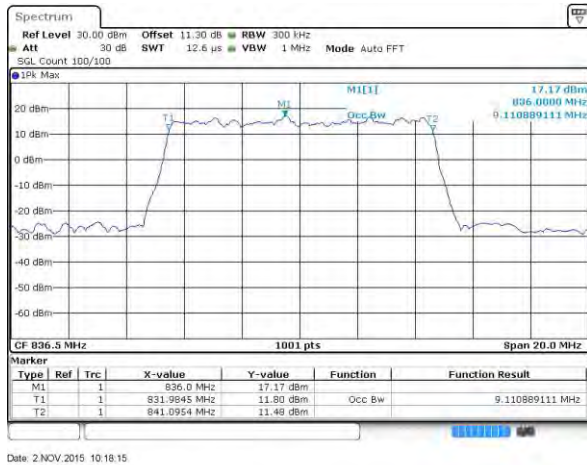
Lowest Channel / 10MHz / QPSK



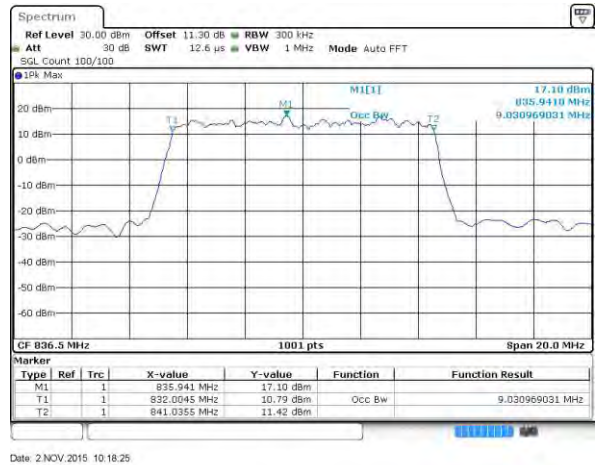
Lowest Channel / 10MHz / 16QAM



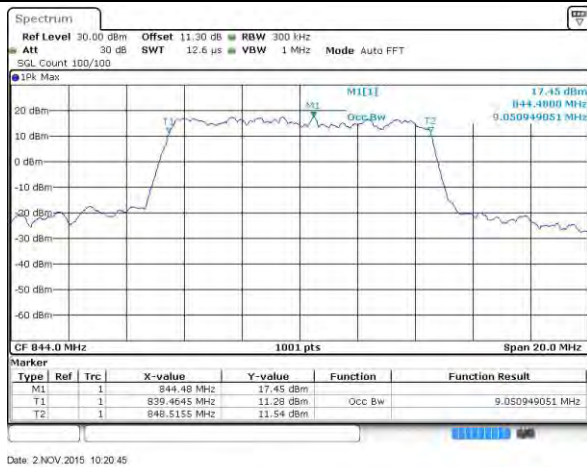
Middle Channel / 10MHz / QPSK



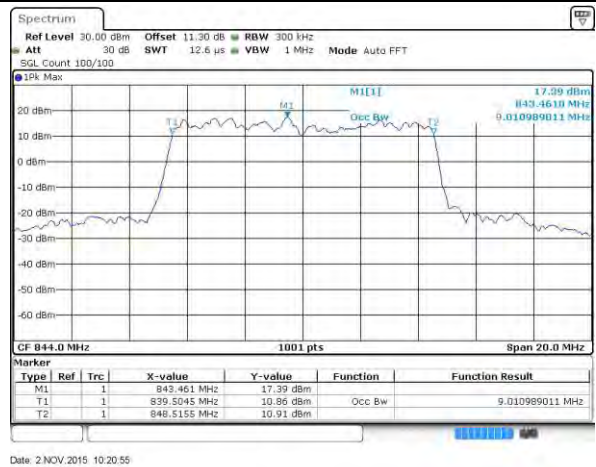
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



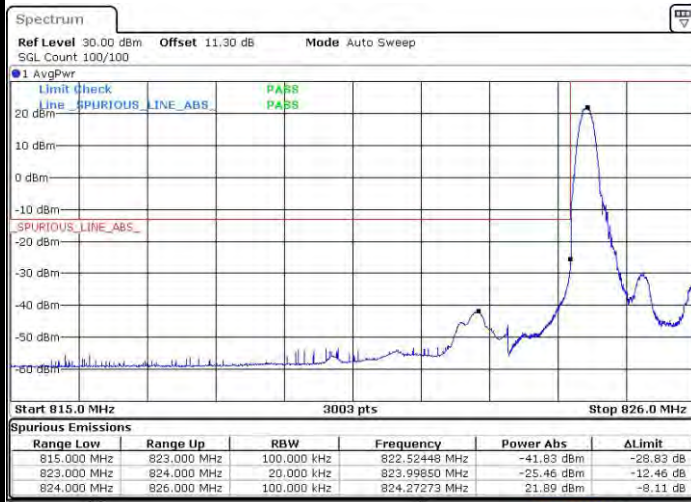


Conducted Band Edge



LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



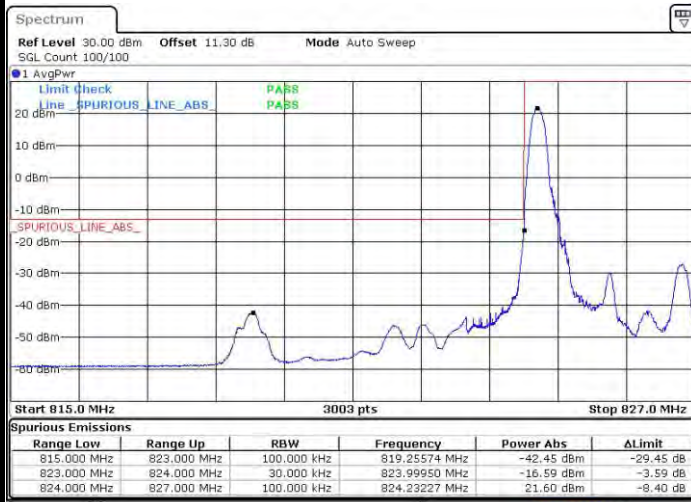
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



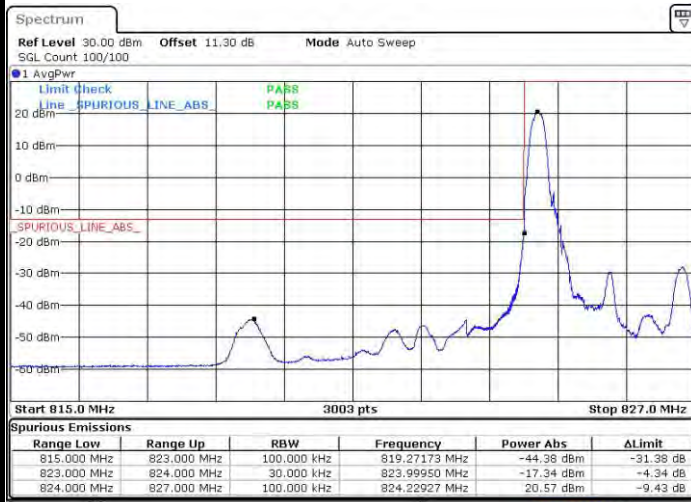
Highest Band Edge / Full RB



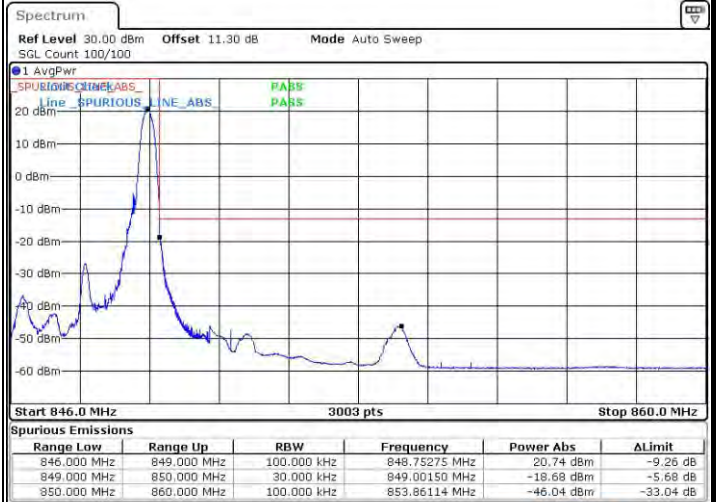


LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



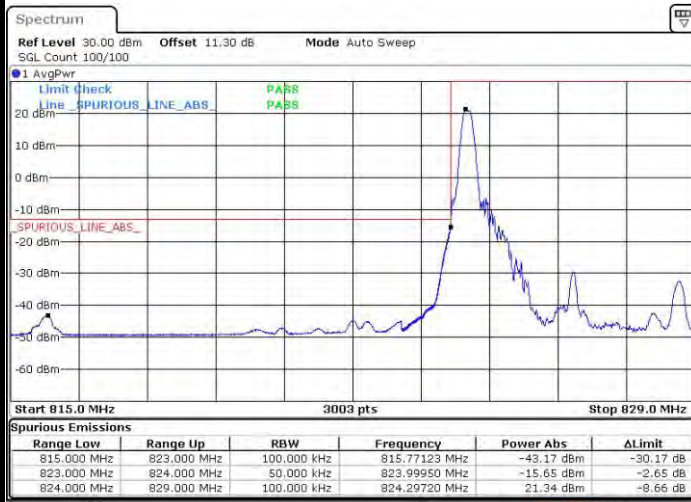
Highest Band Edge / Full RB





LTE Band 5 / 5MHz / QPSK

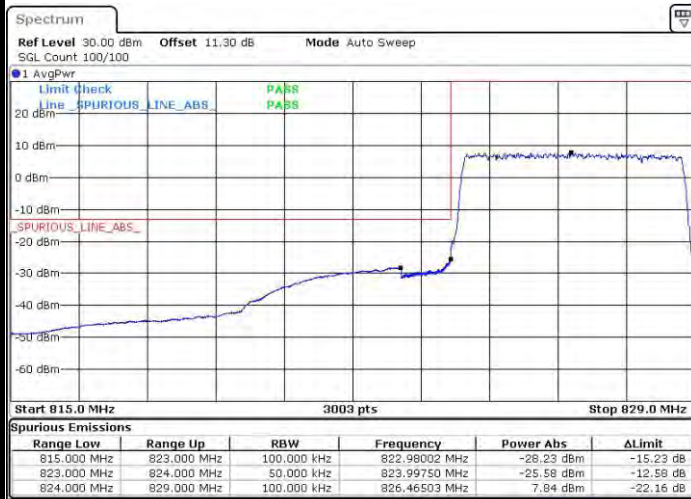
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



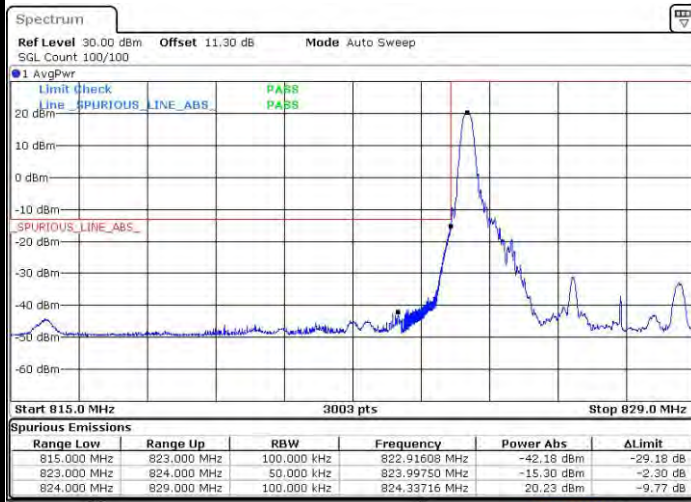
Highest Band Edge / Full RB





LTE Band 5 / 5MHz / 16QAM

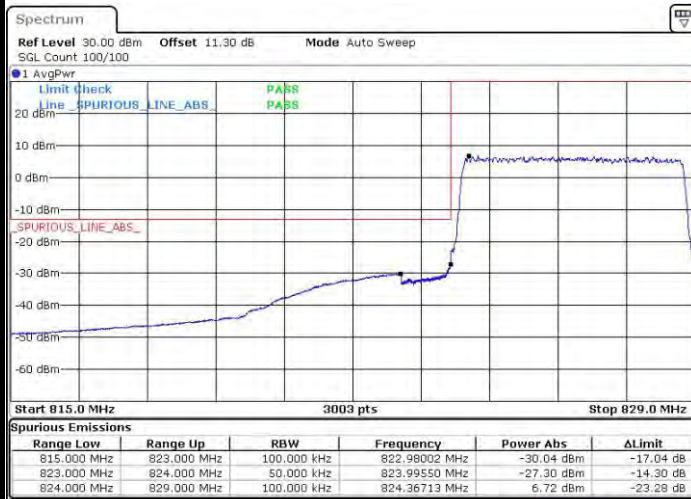
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



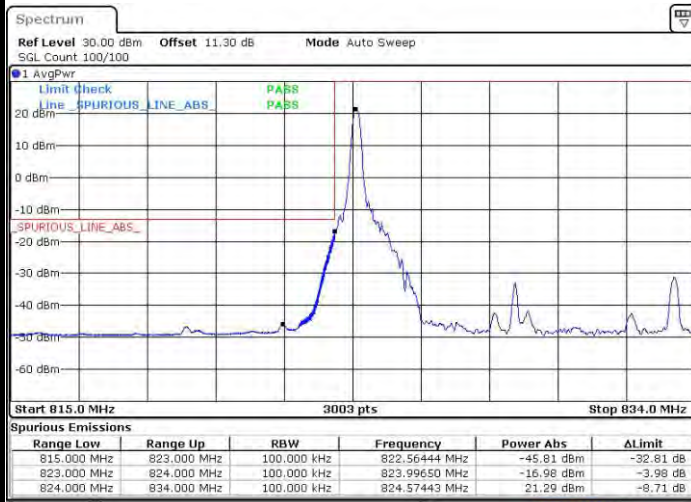
Highest Band Edge / Full RB



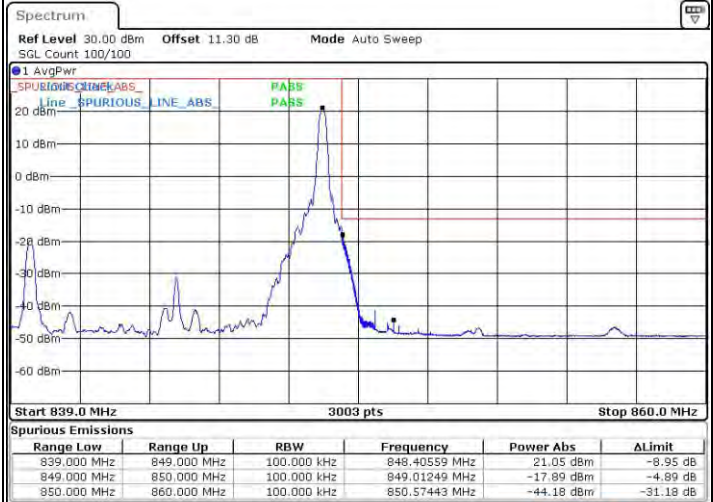


LTE Band 5 / 10MHz / QPSK

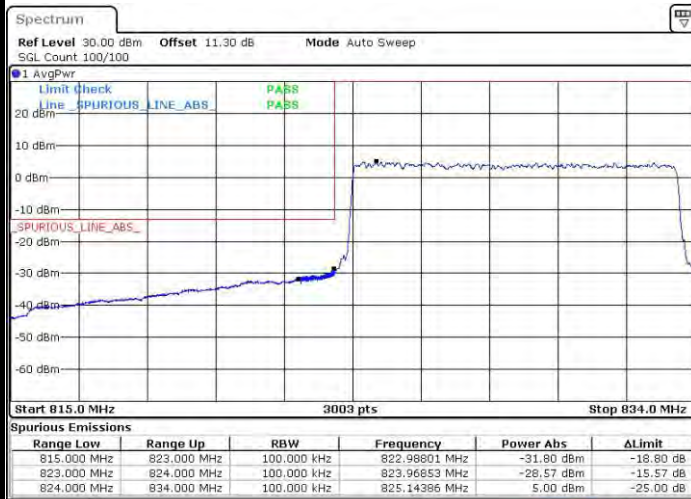
Lowest Band Edge / 1 RB



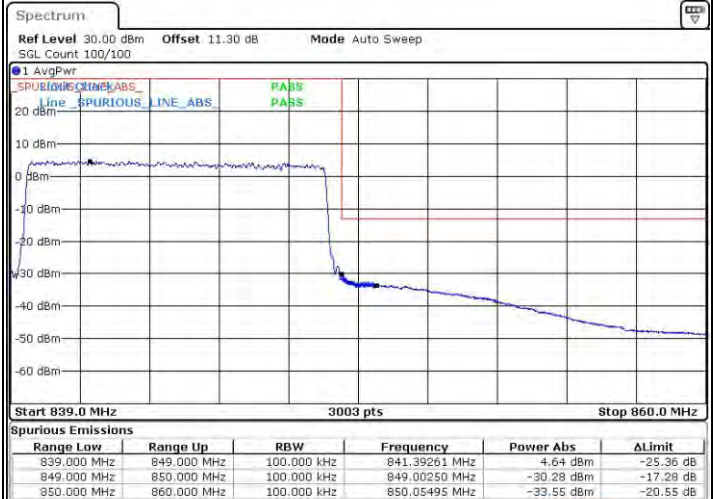
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



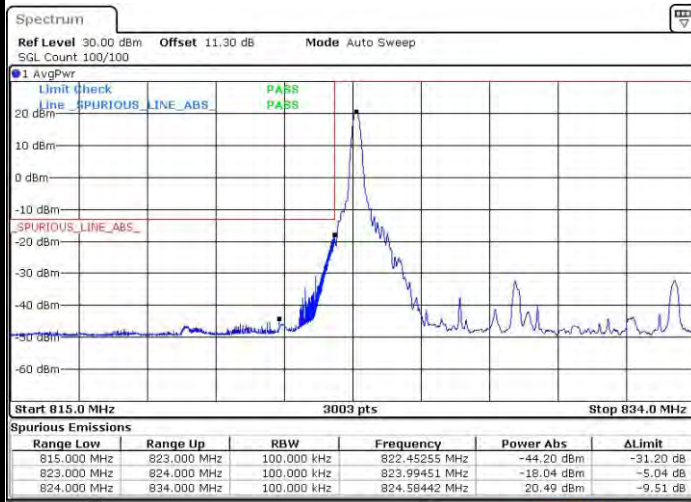
Highest Band Edge / Full RB



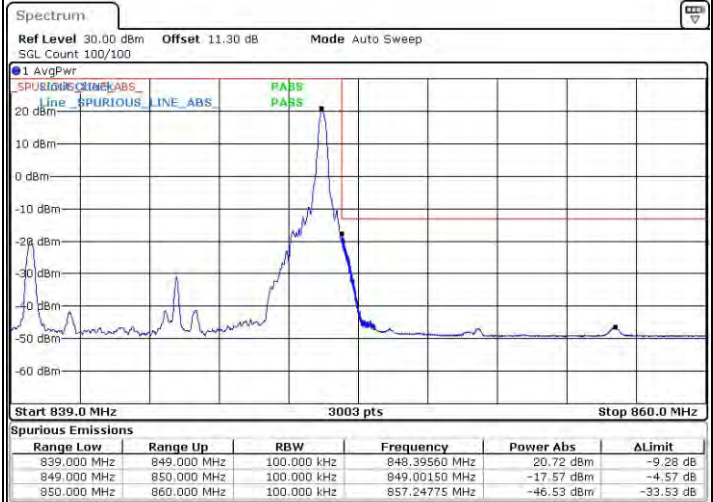


LTE Band 5 / 10MHz / 16QAM

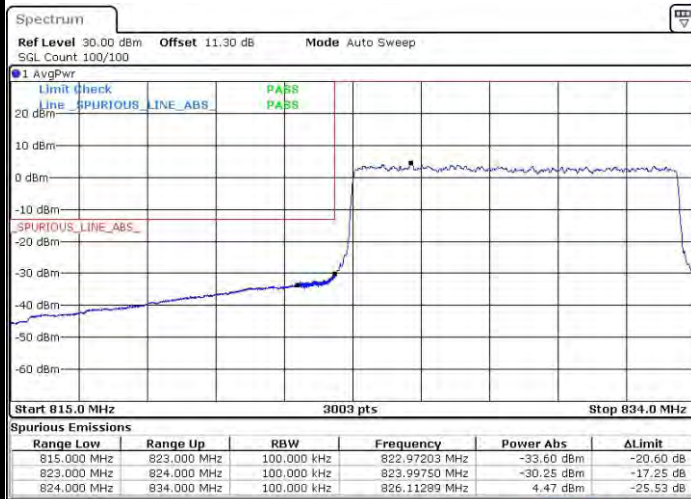
Lowest Band Edge / 1 RB



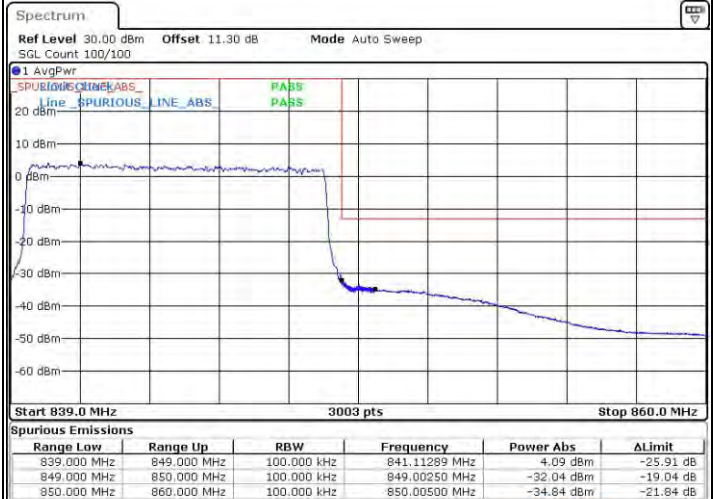
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



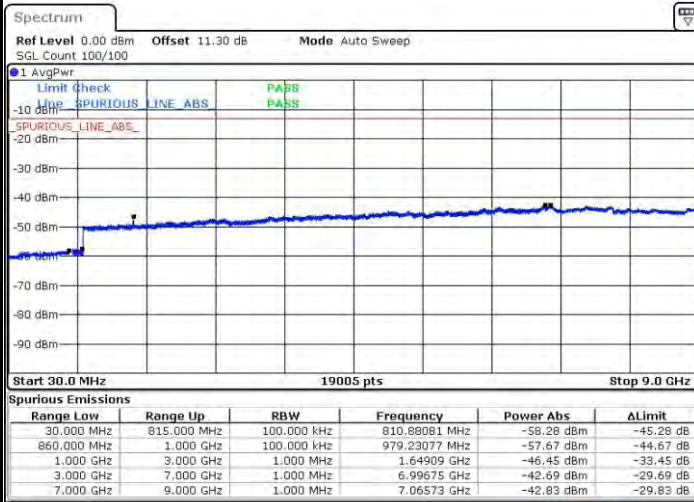


Conducted Spurious Emission



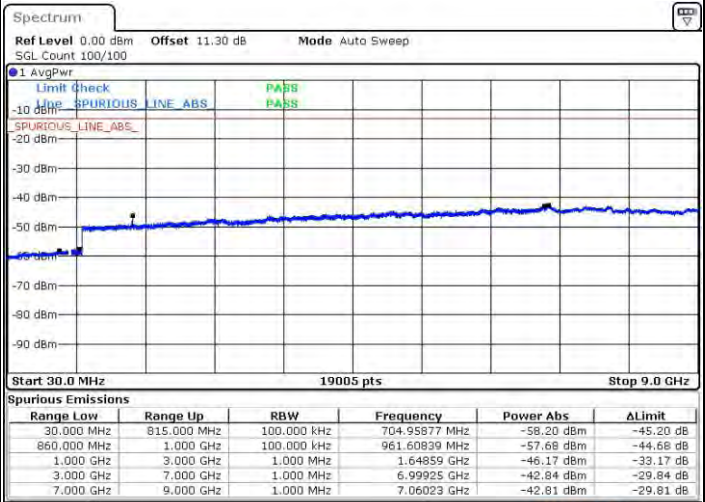
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



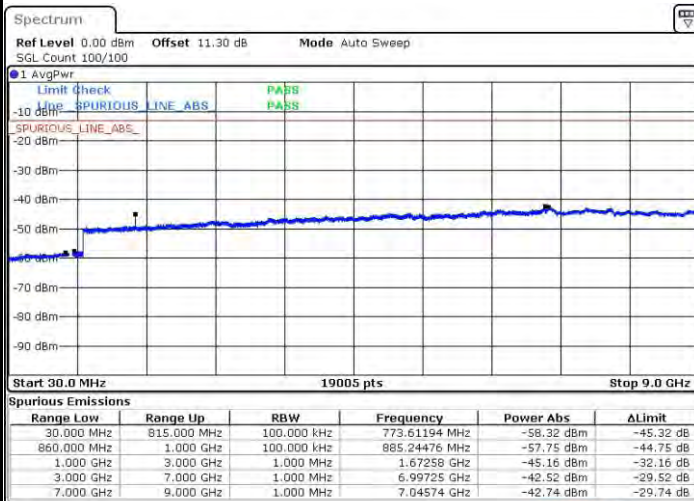
Date: 2 NOV 2015 10:39:57

Lowest Channel / 16QAM



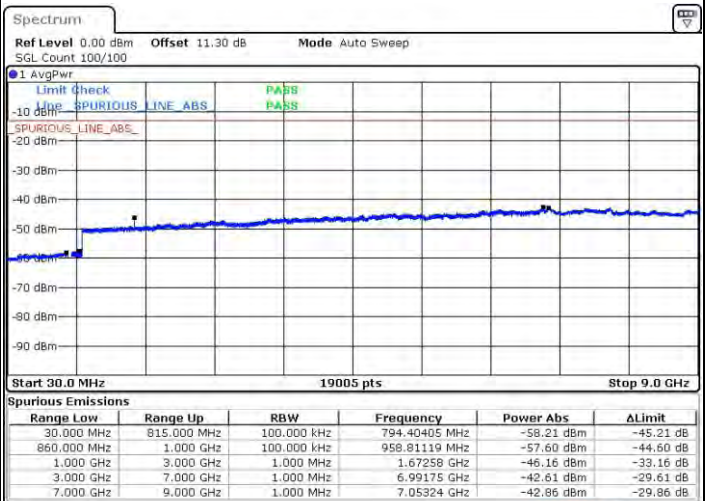
Date: 2 NOV 2015 10:40:51

Middle Channel / QPSK



Date: 2 NOV 2015 10:42:27

Middle Channel / 16QAM

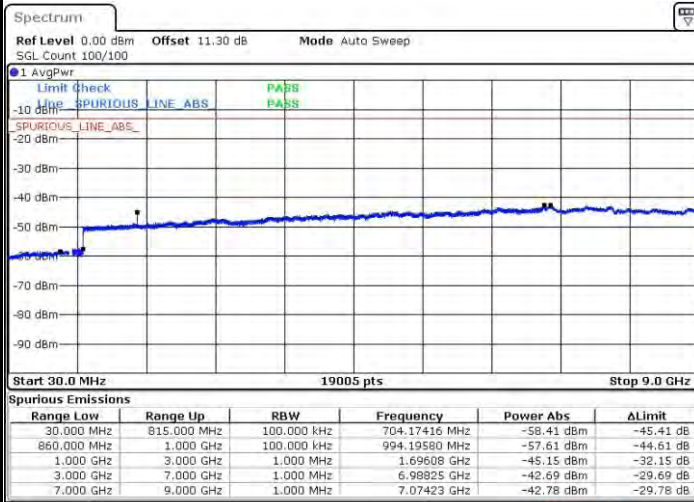


Date: 2 NOV 2015 10:43:22



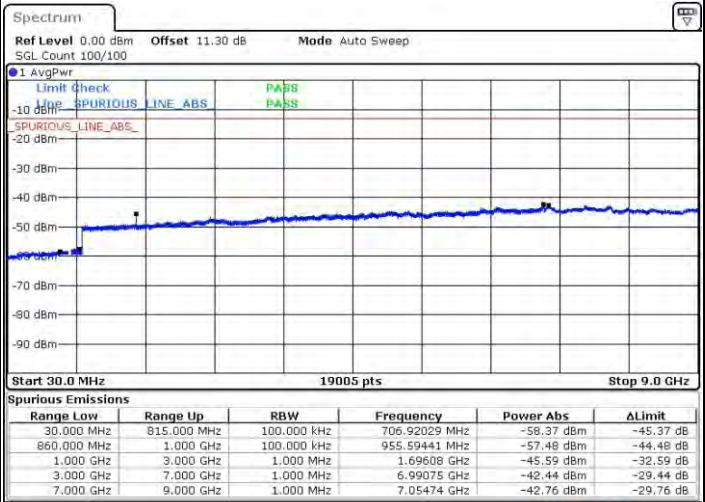
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 2 NOV 2015 10:52:35

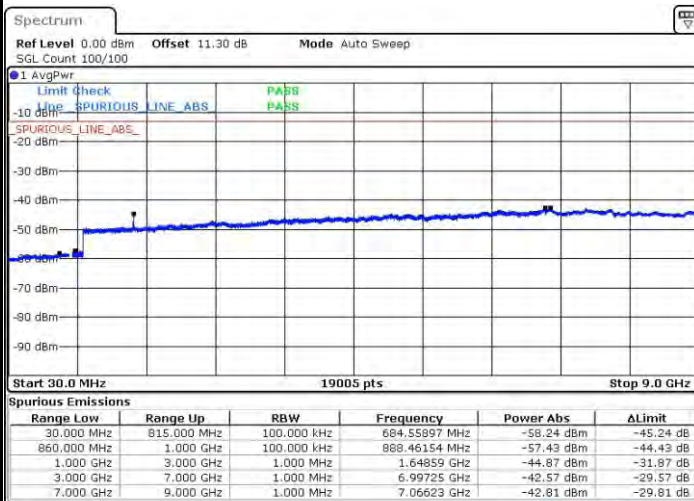
Highest Channel / 16QAM



Date: 2 NOV 2015 10:53:29

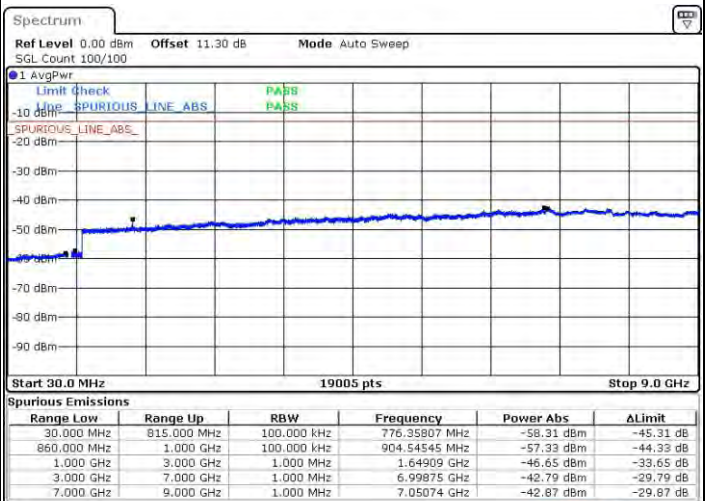
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 2 NOV 2015 09:31:35

Lowest Channel / 16QAM

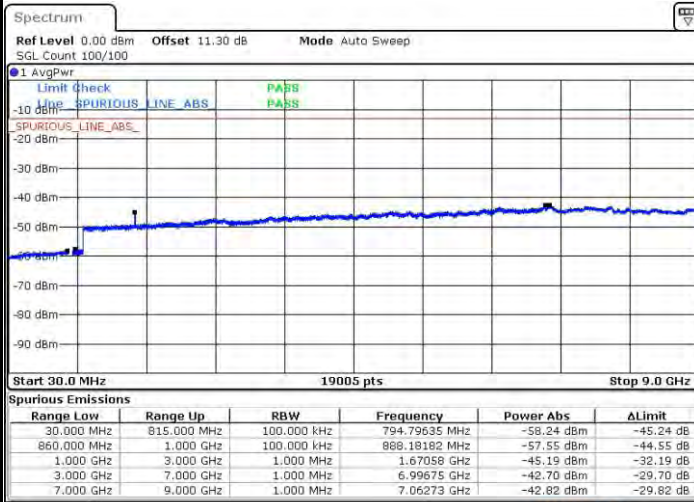


Date: 2 NOV 2015 09:32:30



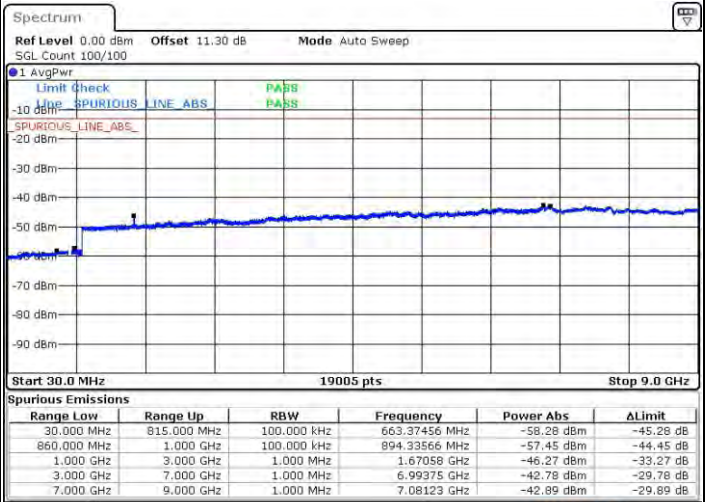
LTE Band 5 / 3MHz

Middle Channel / QPSK



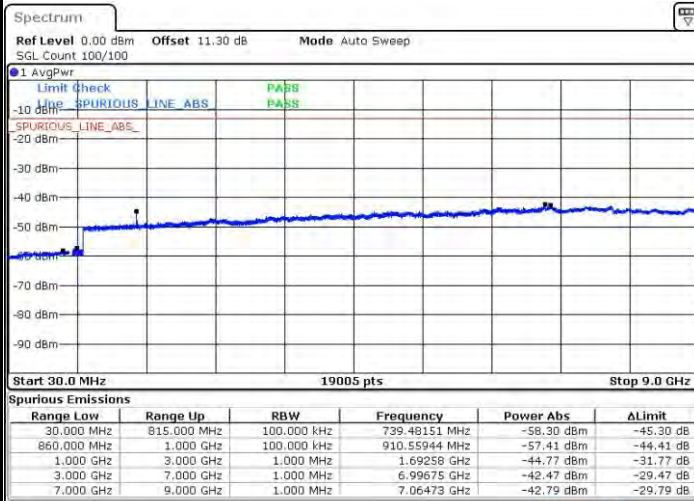
Date: 2 NOV 2015 09:34:06

Middle Channel / 16QAM



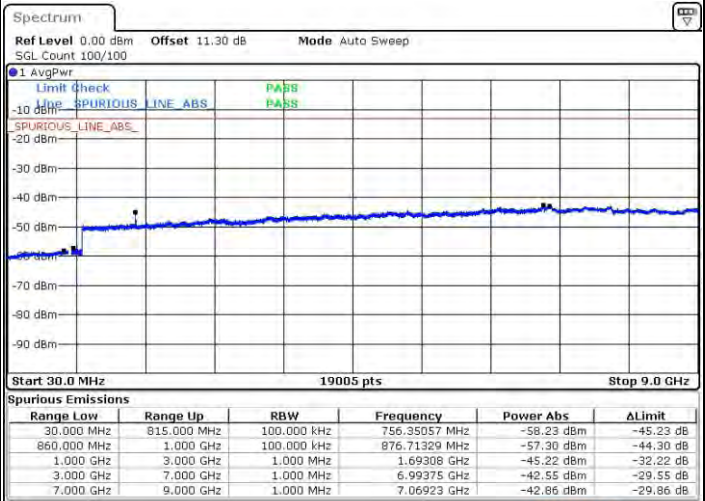
Date: 2 NOV 2015 09:35:01

Highest Channel / QPSK



Date: 2 NOV 2015 09:44:15

Highest Channel / 16QAM

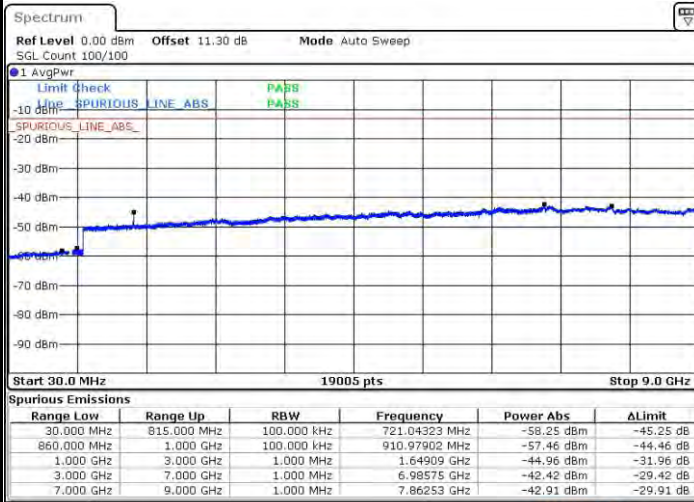


Date: 2 NOV 2015 09:45:09



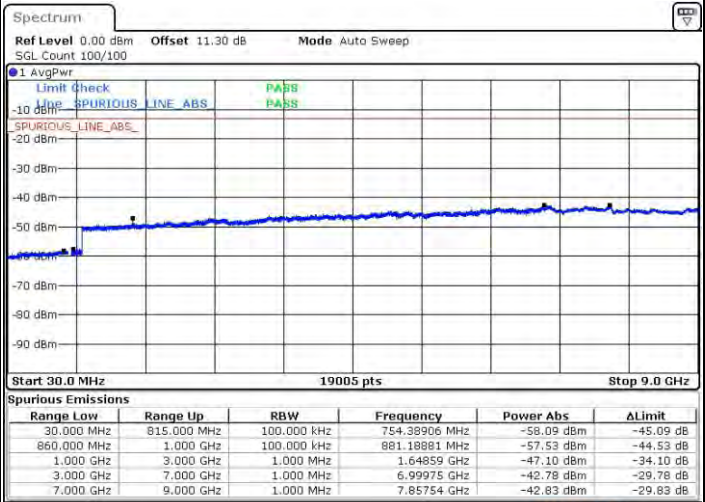
LTE Band 5 / 5MHz

Lowest Channel / QPSK



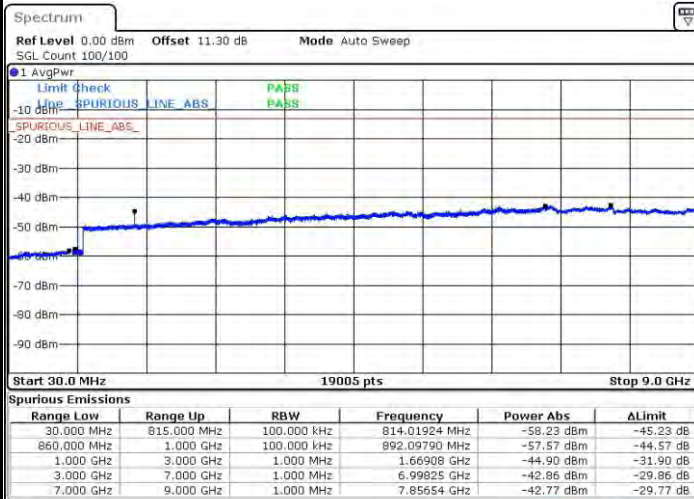
Date: 2 NOV.2015 09:54:23

Lowest Channel / 16QAM



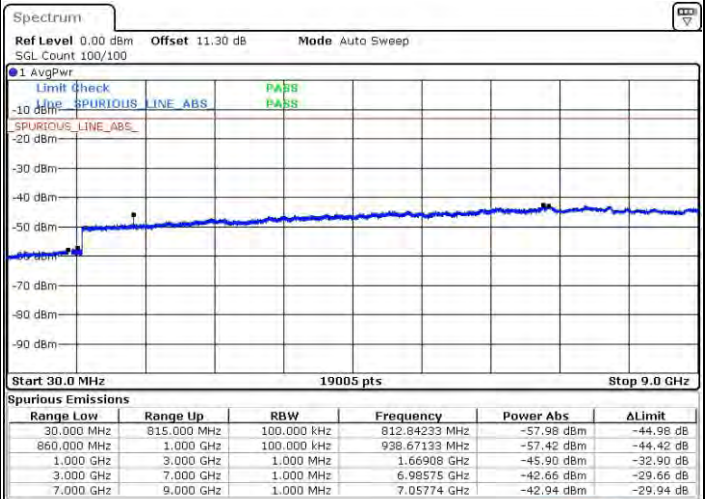
Date: 2 NOV.2015 09:55:18

Middle Channel / QPSK



Date: 2 NOV.2015 09:56:54

Middle Channel / 16QAM

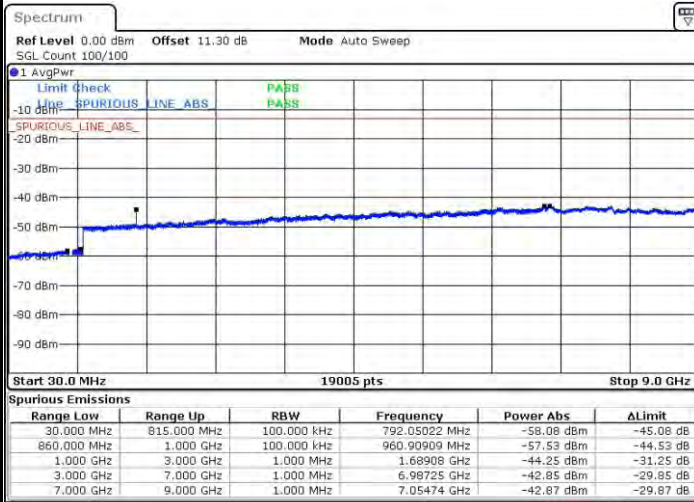


Date: 2 NOV.2015 09:57:48



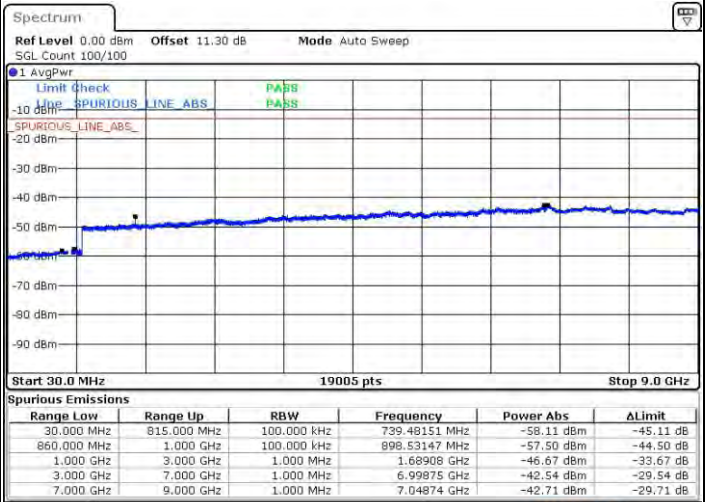
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 2 NOV 2015 10:07:02

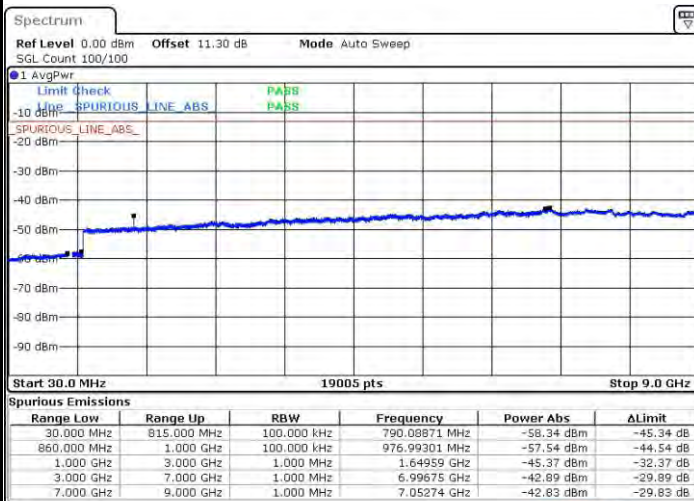
Highest Channel / 16QAM



Date: 2 NOV 2015 10:07:57

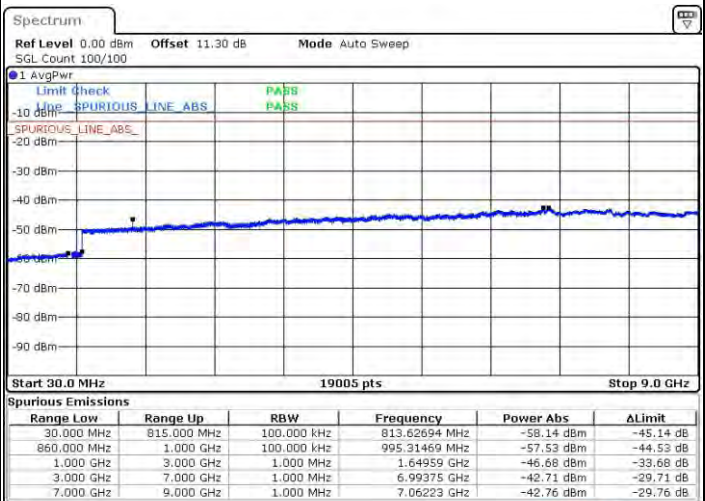
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 2 NOV 2015 10:17:10

Lowest Channel / 16QAM

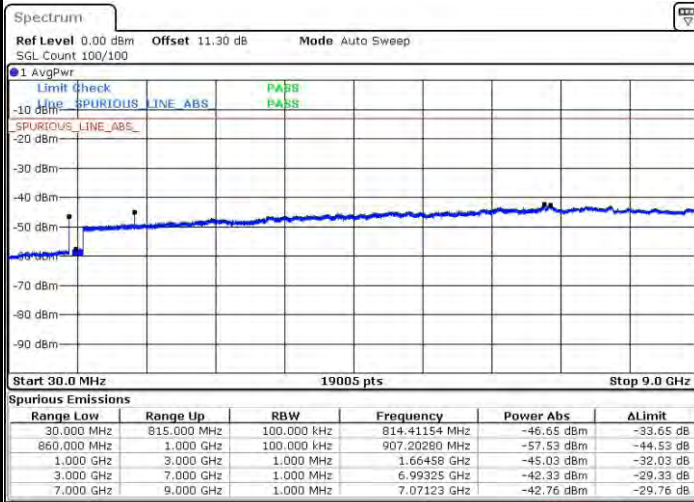


Date: 2 NOV 2015 10:18:04



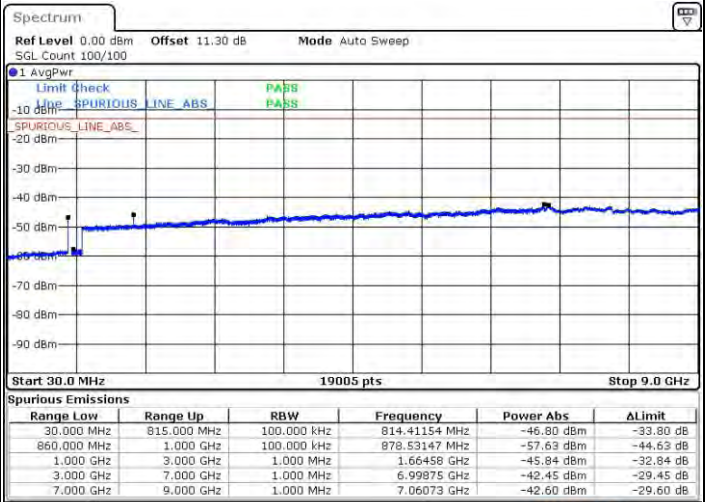
LTE Band 5 / 10MHz

Middle Channel / QPSK



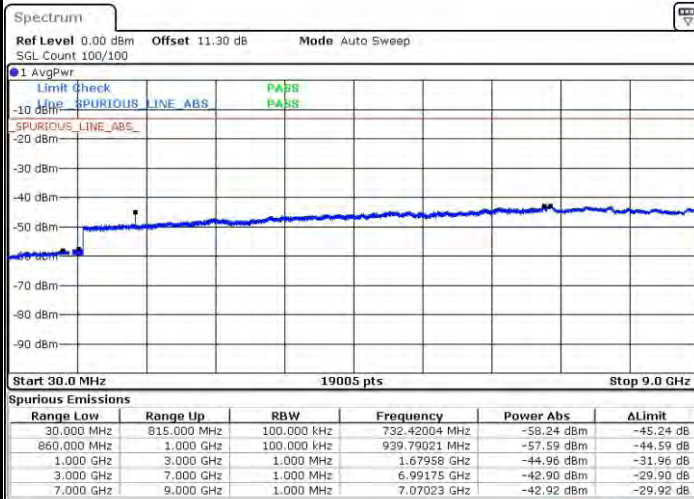
Date: 2 NOV 2015 10:19:40

Middle Channel / 16QAM



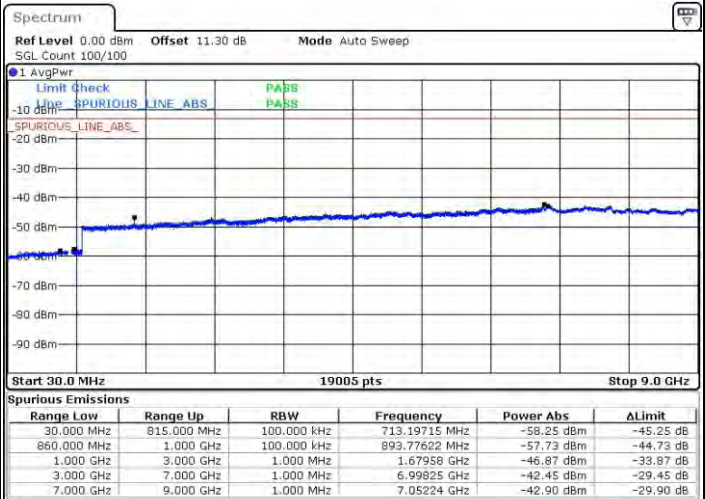
Date: 2 NOV 2015 10:20:35

Highest Channel / QPSK



Date: 2 NOV 2015 10:29:48

Highest Channel / 16QAM



Date: 2 NOV 2015 10:30:43

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0041	

Note: Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.97	5.3	4.93	6.12	PASS
Middle CH	4.55	5.51	5.94	6.32	
Highest CH	4.49	5.68	5.39	6.52	

LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



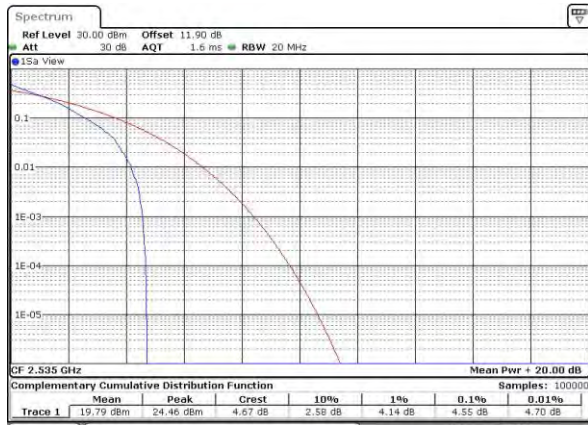
Date: 28.OCT.2015 10:41:51

Lowest Channel / Full RB



Date: 28.OCT.2015 10:42:10

Middle Channel / 1RB



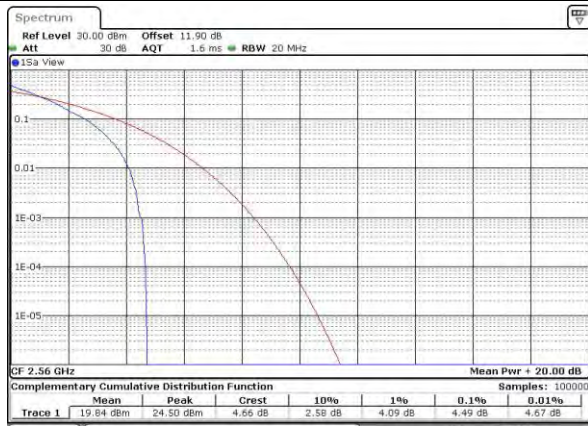
Date: 28.OCT.2015 10:42:21

Middle Channel / Full RB



Date: 28.OCT.2015 10:42:31

Highest Channel / 1RB



Date: 28.OCT.2015 10:42:41

Highest Channel / Full RB



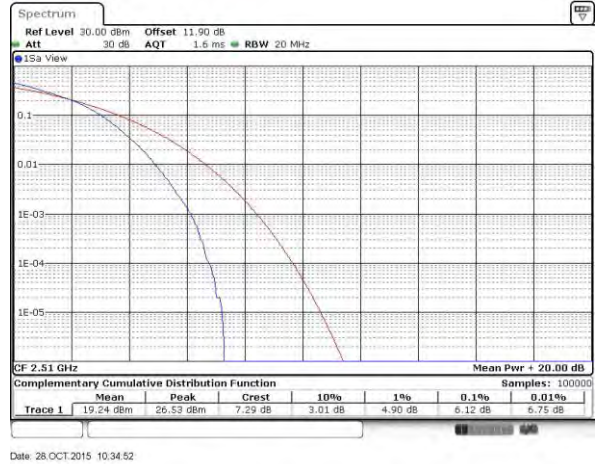
Date: 28.OCT.2015 10:42:51

LTE Band 7 / 20MHz / 16QAM

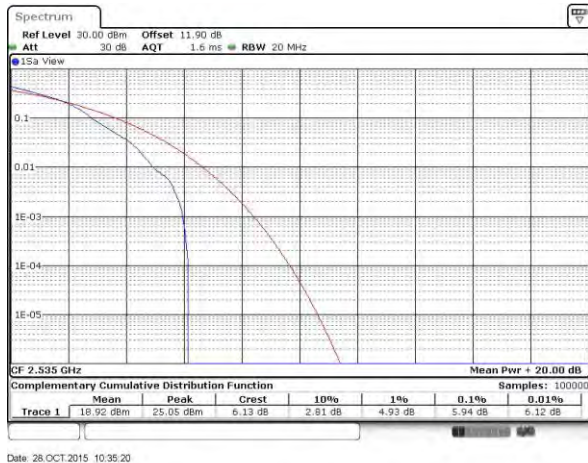
Lowest Channel / 1RB



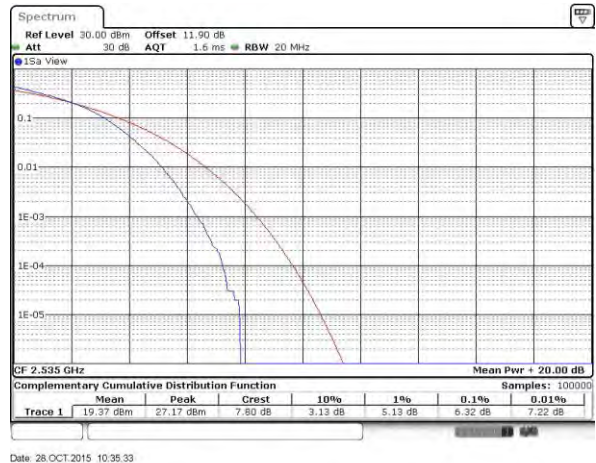
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





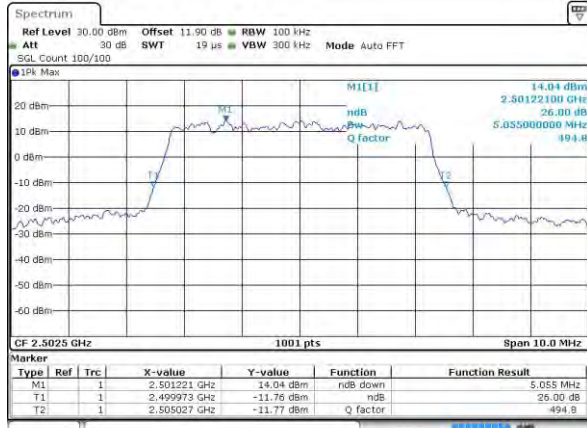
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.06	4.83	9.85	9.97	14.3	14.45	20.46	20.22
Middle CH	-	-	-	-	4.88	4.95	9.73	9.97	14.3	14.27	20.14	20.22
Highest CH	-	-	-	-	5	4.93	9.81	9.77	14.57	14.54	20.1	20.18

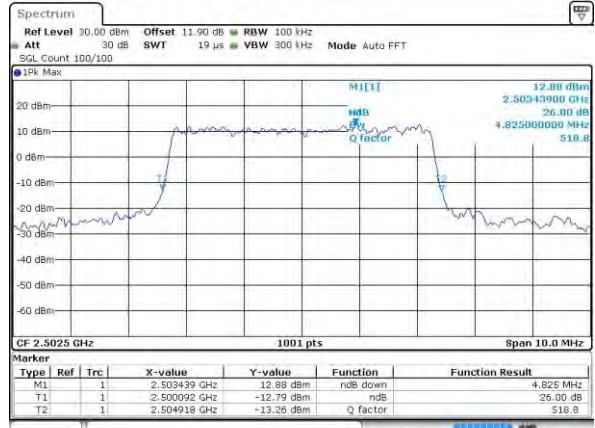


LTE Band 7

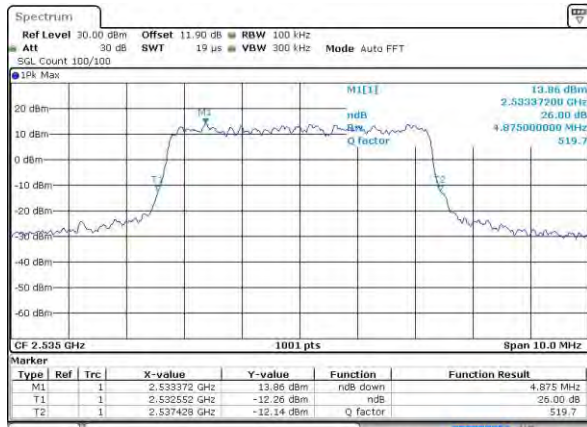
Lowest Channel / 5MHz / QPSK



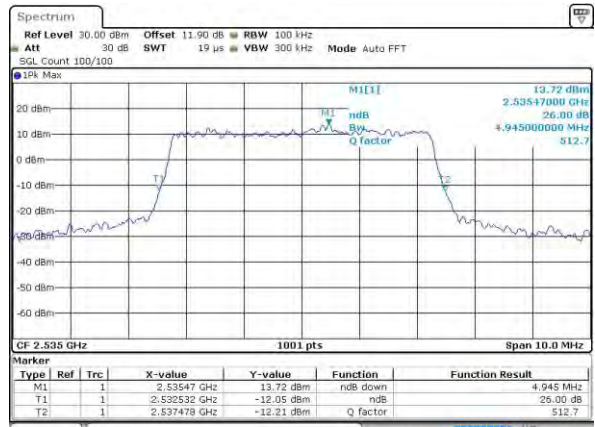
Lowest Channel / 5MHz / 16QAM



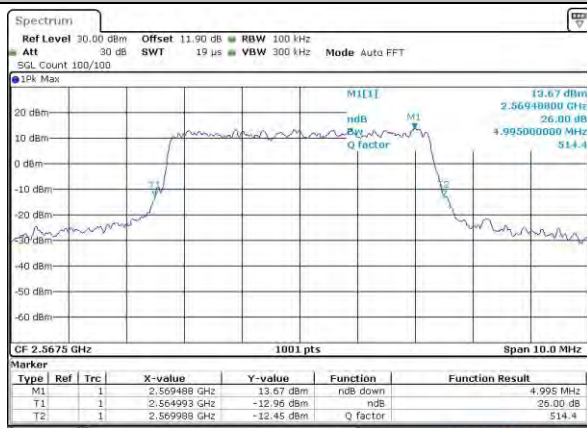
Middle Channel / 5MHz / QPSK



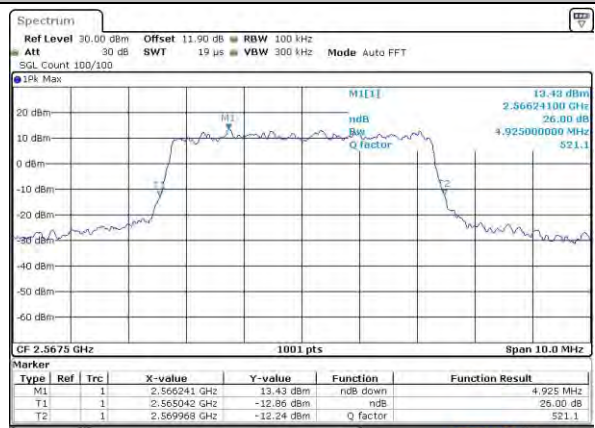
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



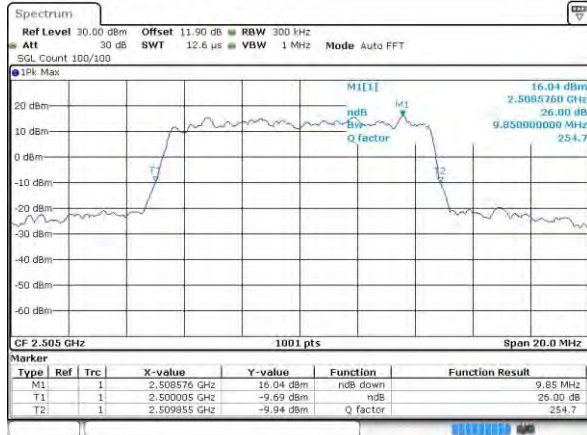
Highest Channel / 5MHz / 16QAM



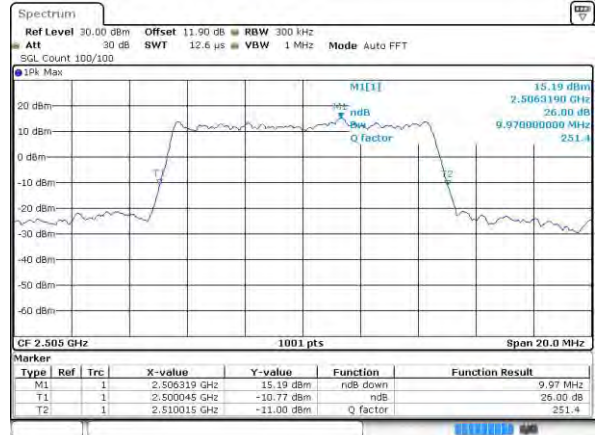


LTE Band 7

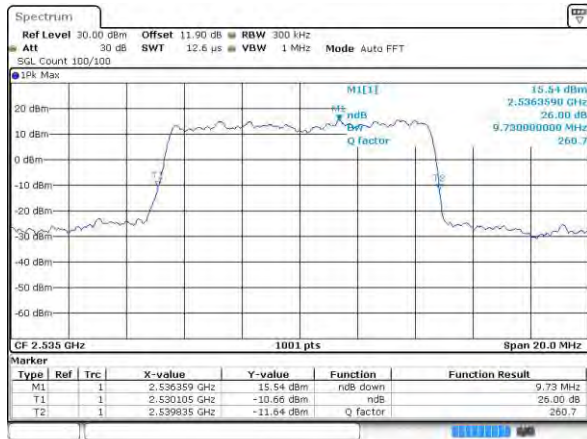
Lowest Channel / 10MHz / QPSK



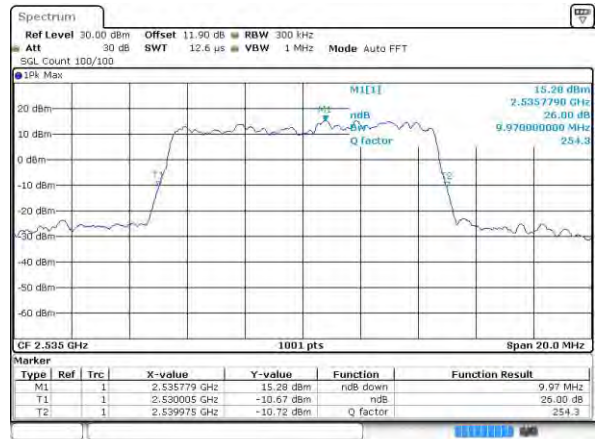
Lowest Channel / 10MHz / 16QAM



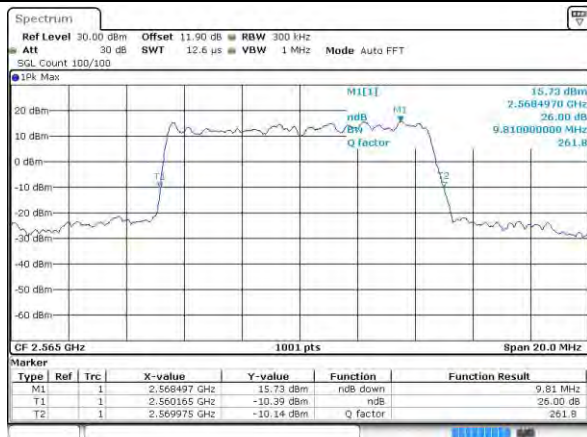
Middle Channel / 10MHz / QPSK



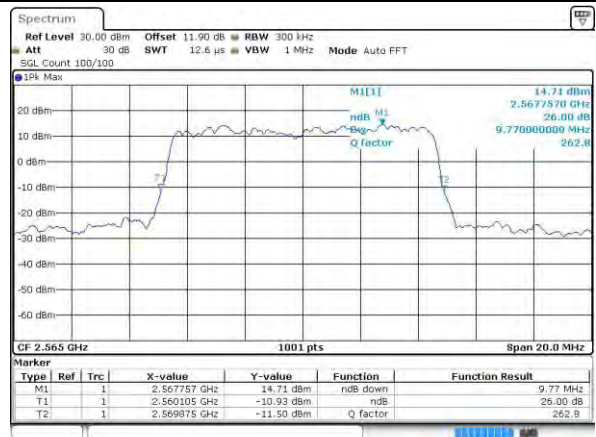
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



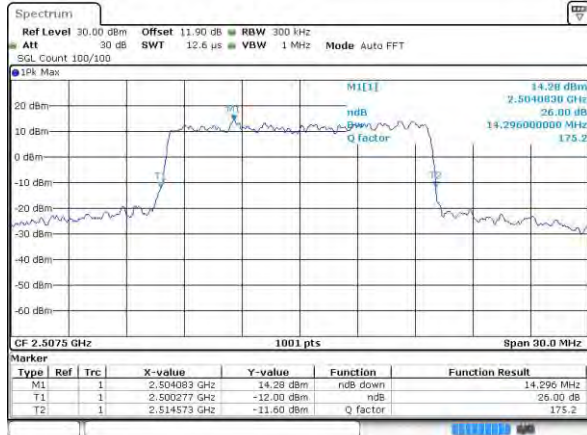
Highest Channel / 10MHz / 16QAM



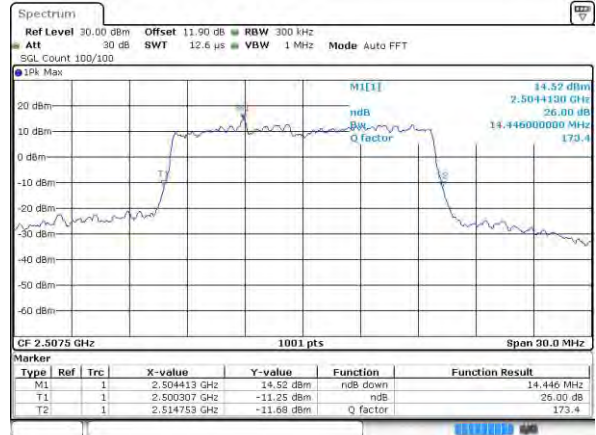


LTE Band 7

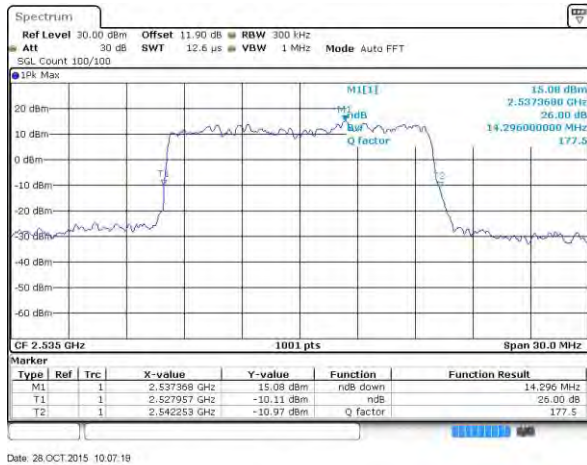
Lowest Channel / 15MHz / QPSK



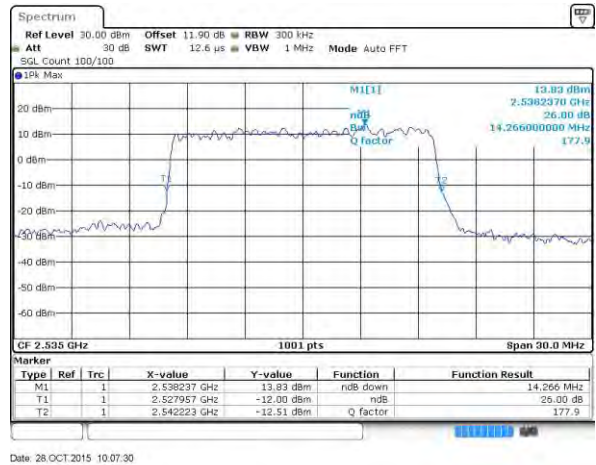
Lowest Channel / 15MHz / 16QAM



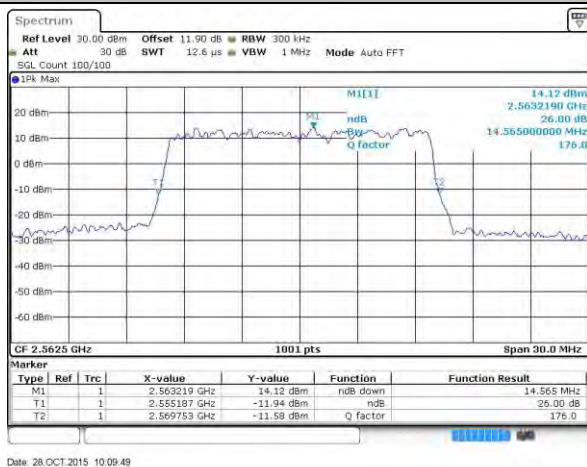
Middle Channel / 15MHz / QPSK



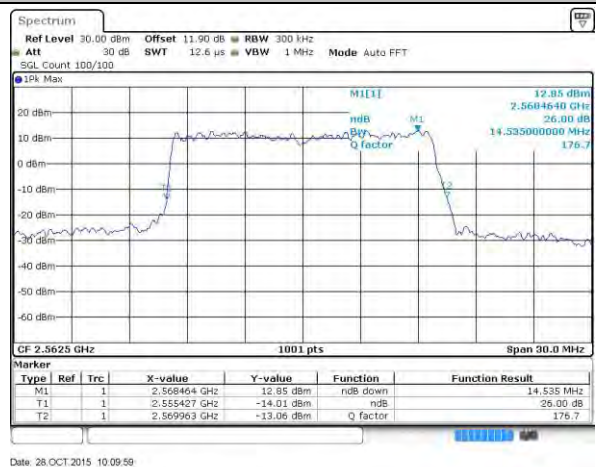
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



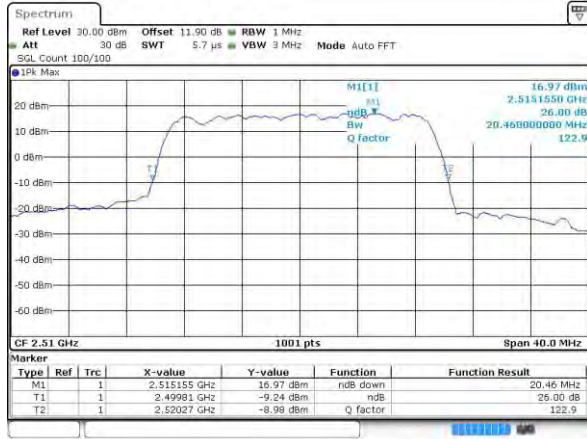
Highest Channel / 15MHz / 16QAM



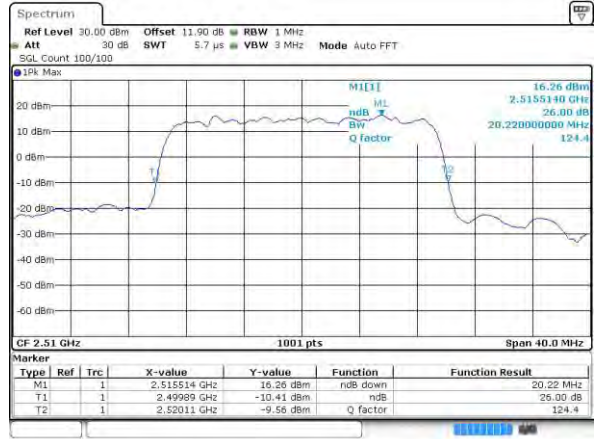


LTE Band 7

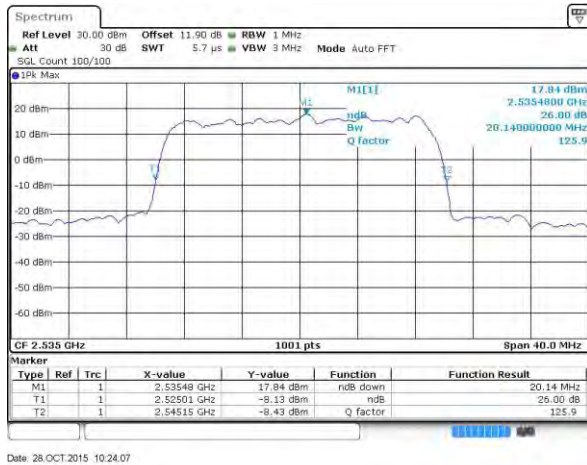
Lowest Channel / 20MHz / QPSK



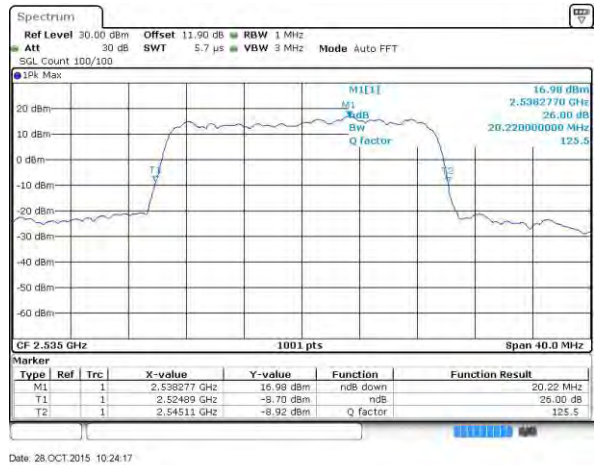
Lowest Channel / 20MHz / 16QAM



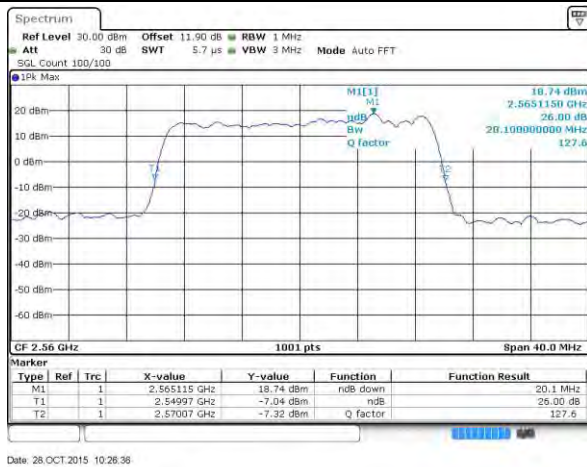
Middle Channel / 20MHz / QPSK



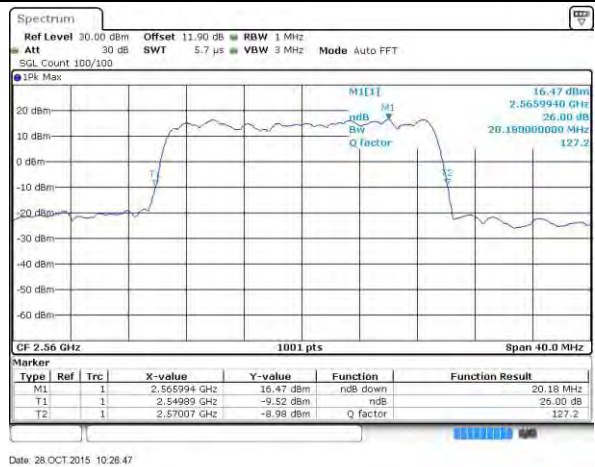
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM





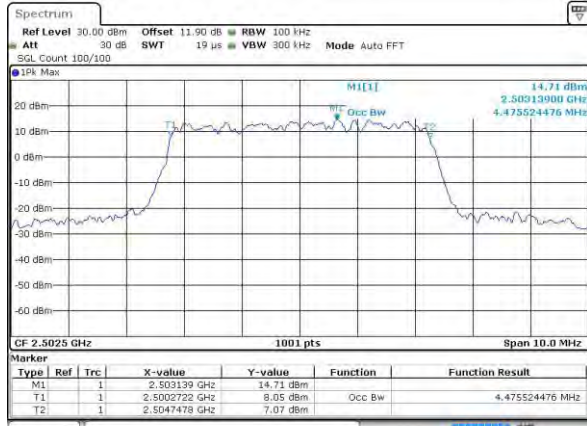
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.51	9.01	9.01	13.46	13.46	18.38	18.26
Middle CH	-	-	-	-	4.5	4.52	8.99	8.99	13.49	13.43	18.42	18.3
Highest CH	-	-	-	-	4.5	4.49	9.01	9.05	13.4	13.43	18.34	18.54

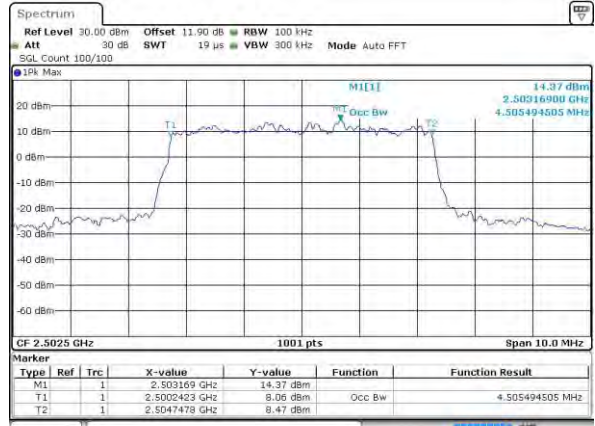


LTE Band 7

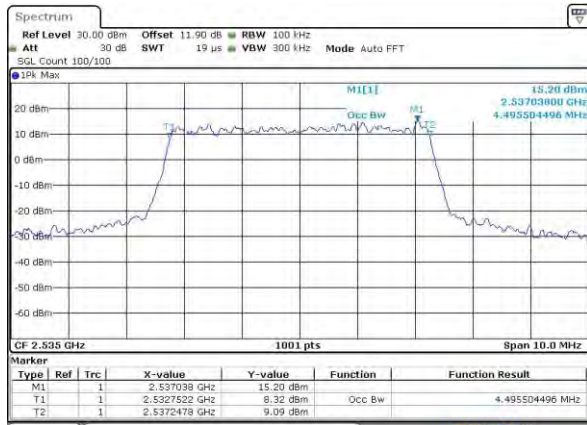
Lowest Channel / 5MHz / QPSK



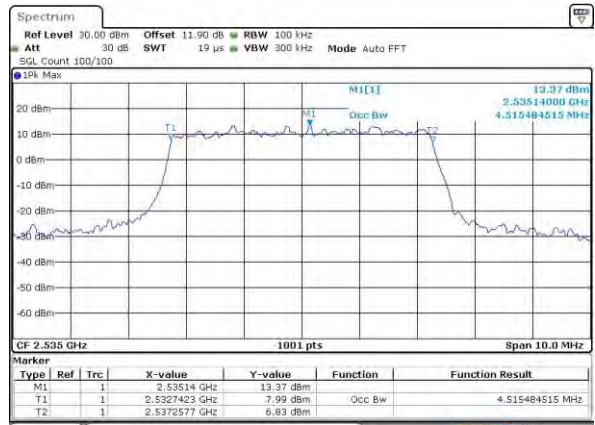
Lowest Channel / 5MHz / 16QAM



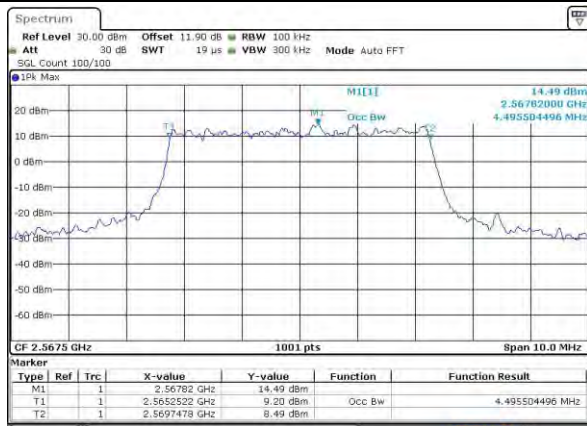
Middle Channel / 5MHz / QPSK



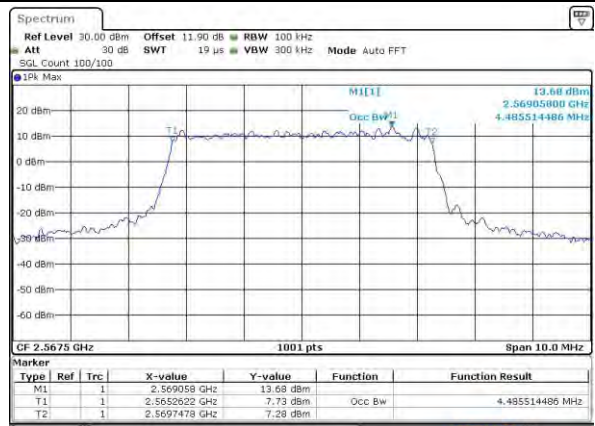
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



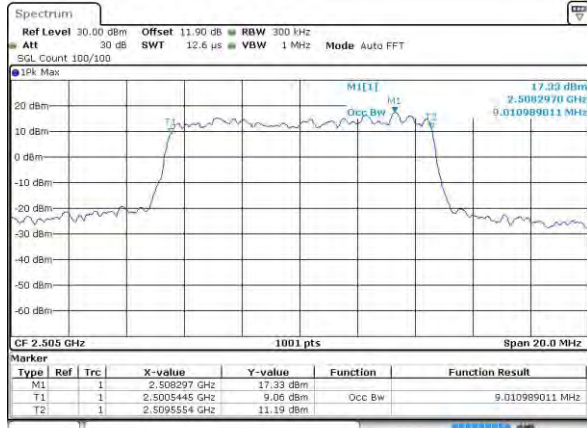
Highest Channel / 5MHz / 16QAM





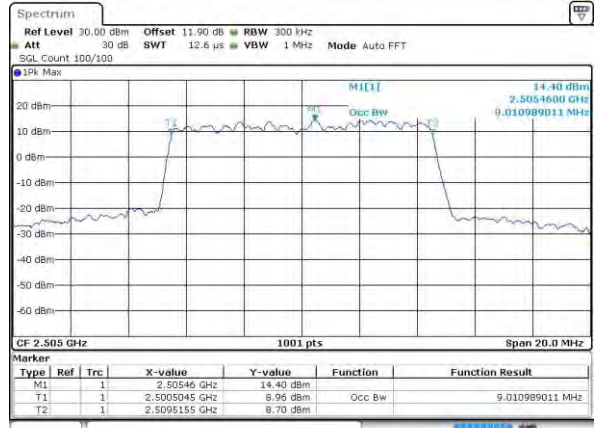
LTE Band 7

Lowest Channel / 10MHz / QPSK



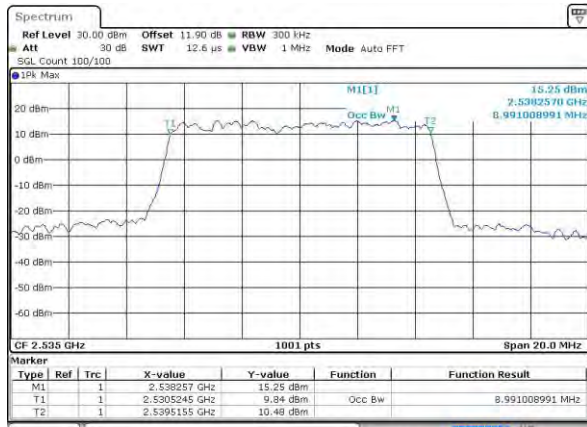
Date: 28.OCT.2015 09:43:01

Lowest Channel / 10MHz / 16QAM



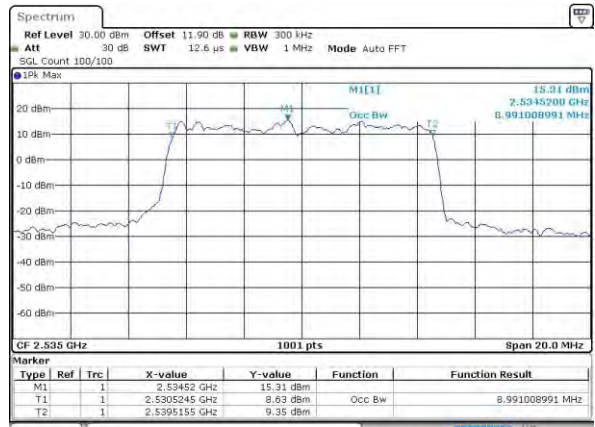
Date: 28.OCT.2015 09:43:11

Middle Channel / 10MHz / QPSK



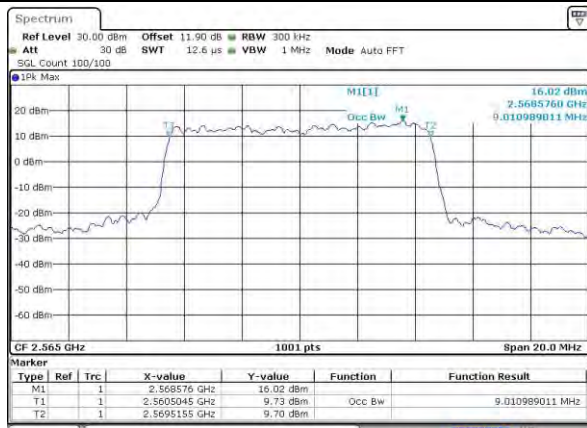
Date: 28.OCT.2015 09:50:11

Middle Channel / 10MHz / 16QAM



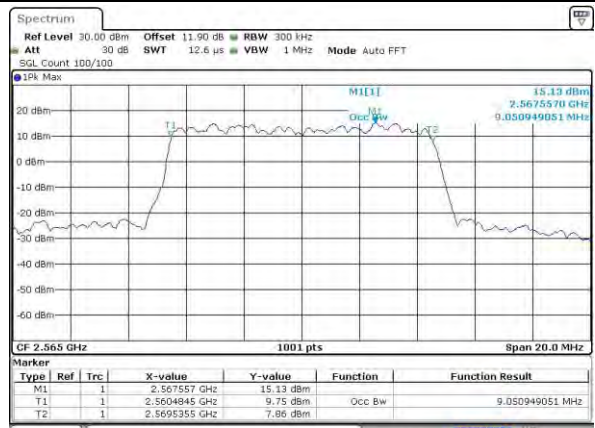
Date: 28.OCT.2015 09:50:21

Highest Channel / 10MHz / QPSK



Date: 28.OCT.2015 09:52:40

Highest Channel / 10MHz / 16QAM

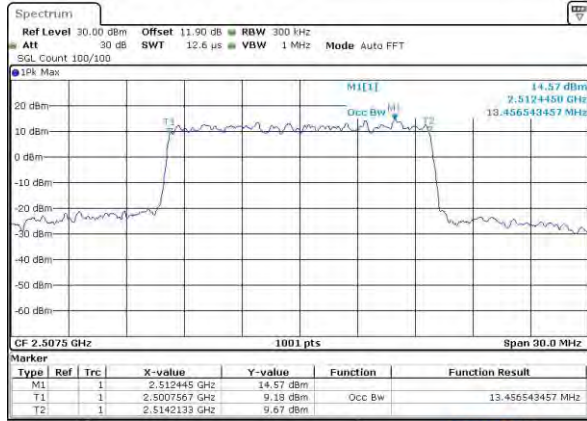


Date: 28.OCT.2015 09:52:51



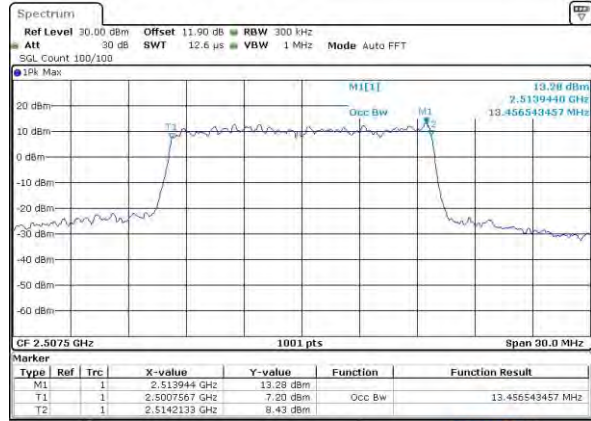
LTE Band 7

Lowest Channel / 15MHz / QPSK



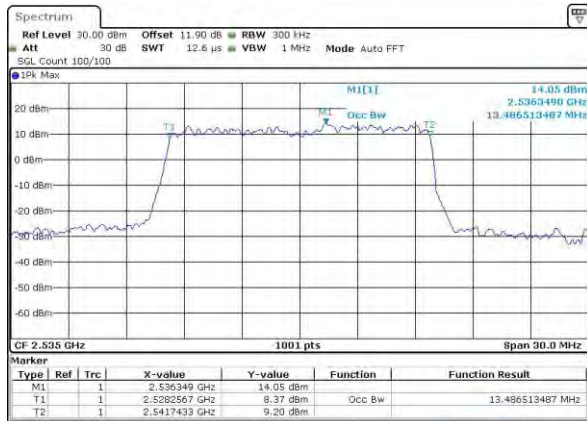
Date: 28.OCT.2015 09:59:50

Lowest Channel / 15MHz / 16QAM



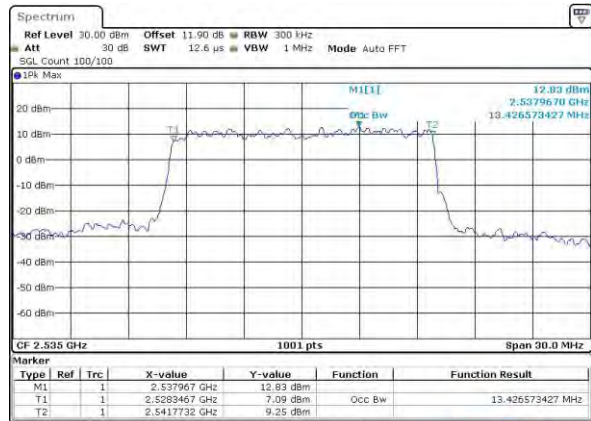
Date: 28.OCT.2015 10:00:00

Middle Channel / 15MHz / QPSK



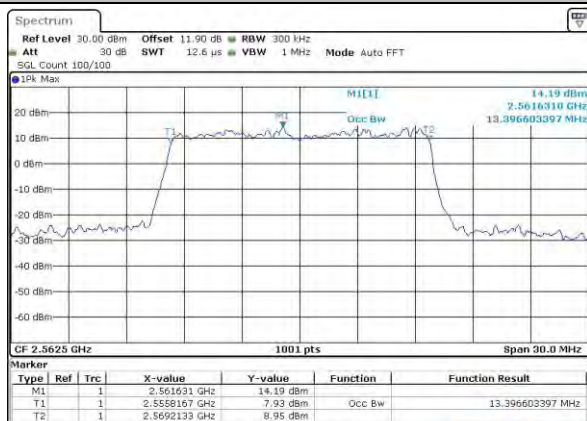
Date: 28.OCT.2015 10:06:58

Middle Channel / 15MHz / 16QAM



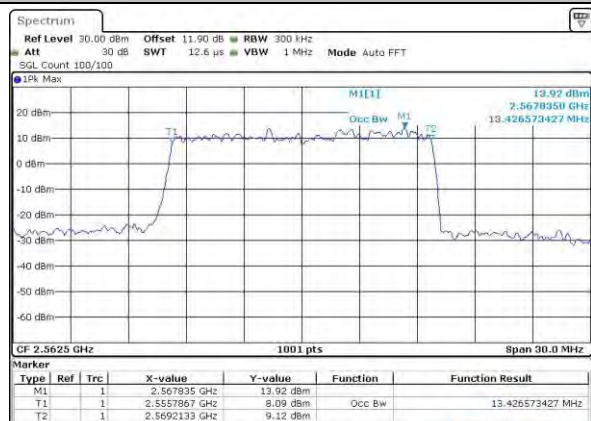
Date: 28.OCT.2015 10:07:09

Highest Channel / 15MHz / QPSK



Date: 28.OCT.2015 10:09:28

Highest Channel / 15MHz / 16QAM

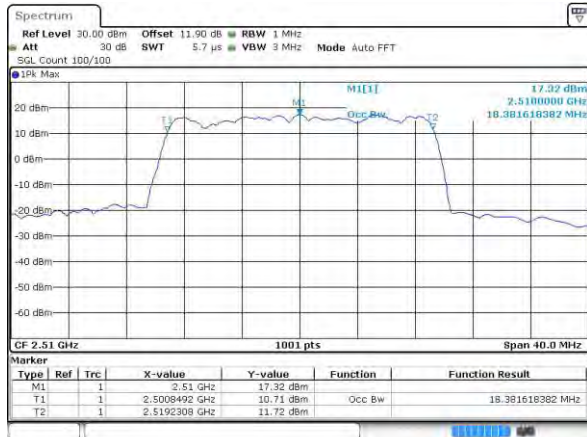


Date: 28.OCT.2015 10:09:38

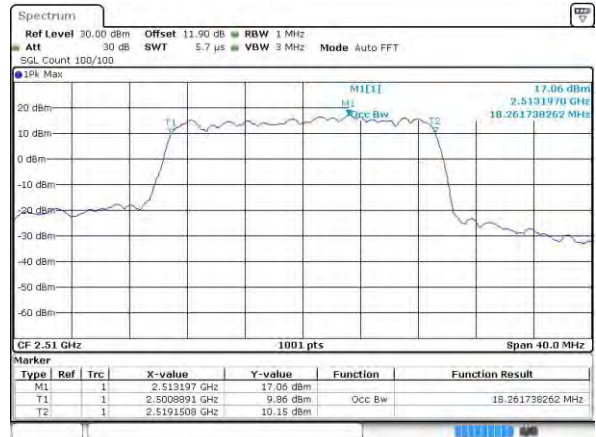


LTE Band 7

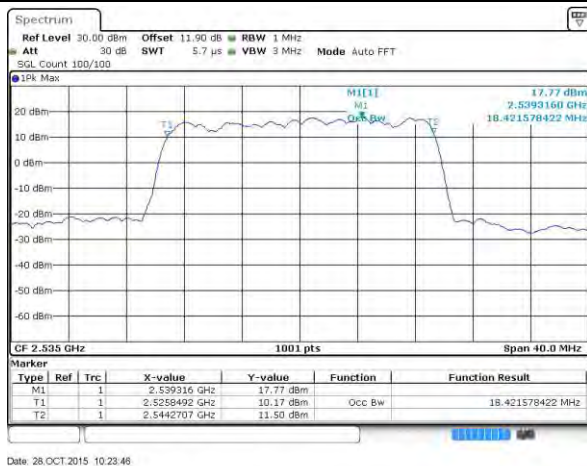
Lowest Channel / 20MHz / QPSK



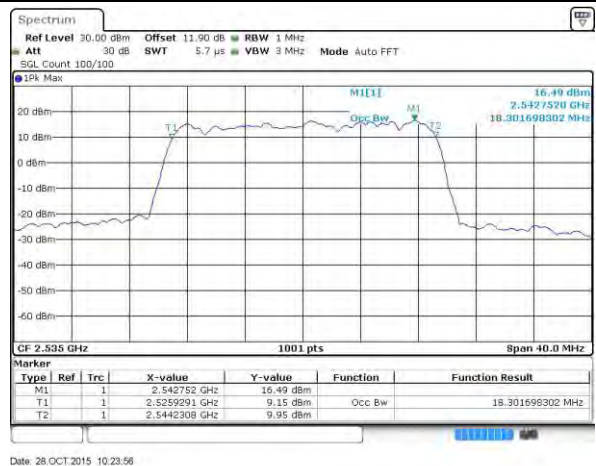
Lowest Channel / 20MHz / 16QAM



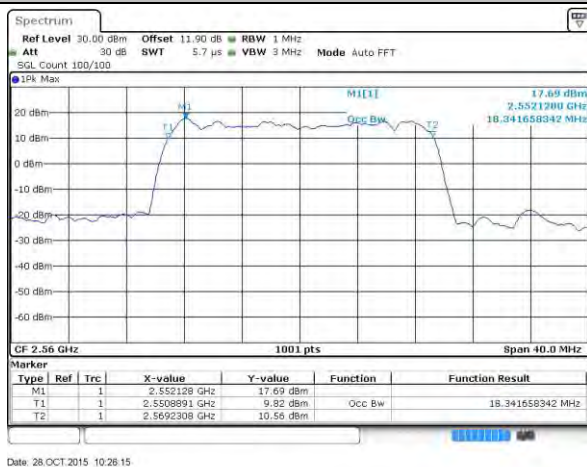
Middle Channel / 20MHz / QPSK



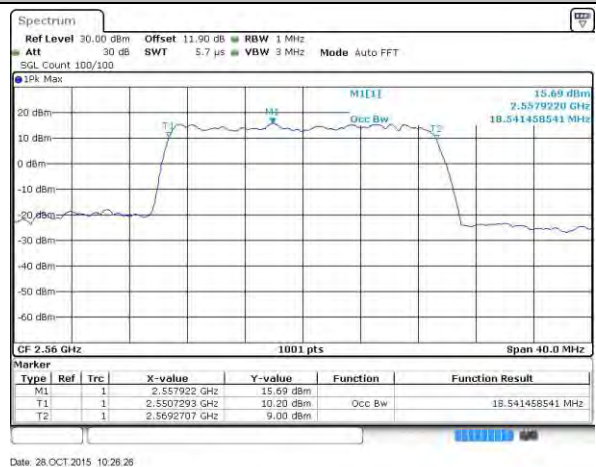
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



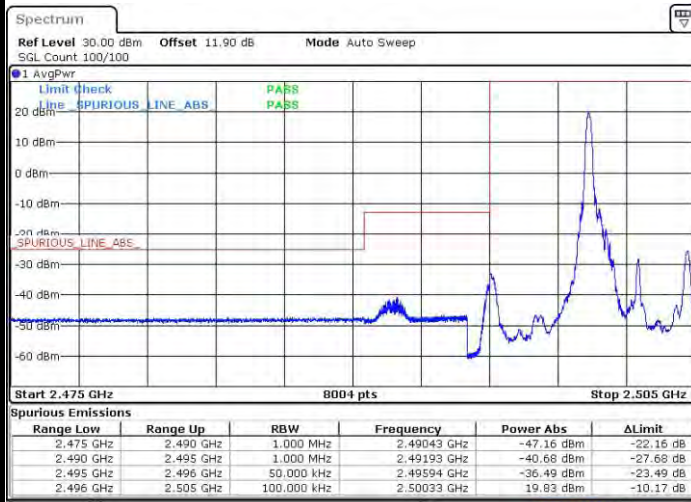


Conducted Band Edge

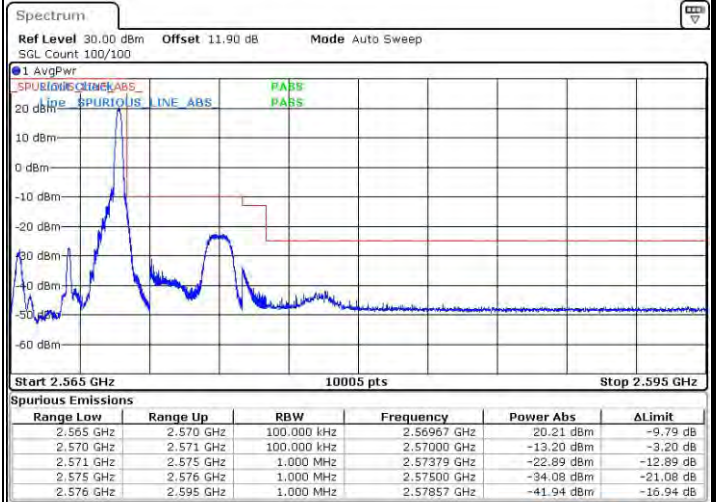


LTE Band 7 / 5MHz / QPSK

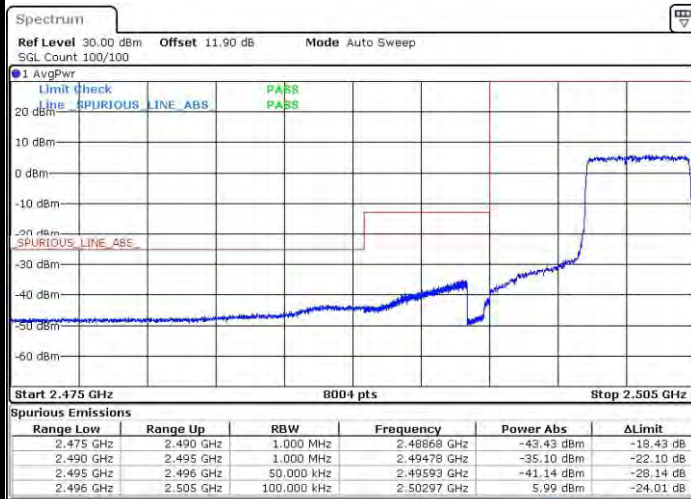
Lowest Band Edge / 1 RB



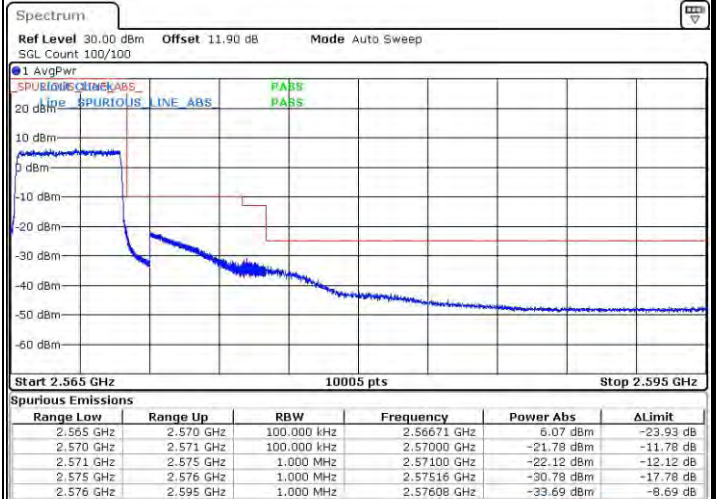
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



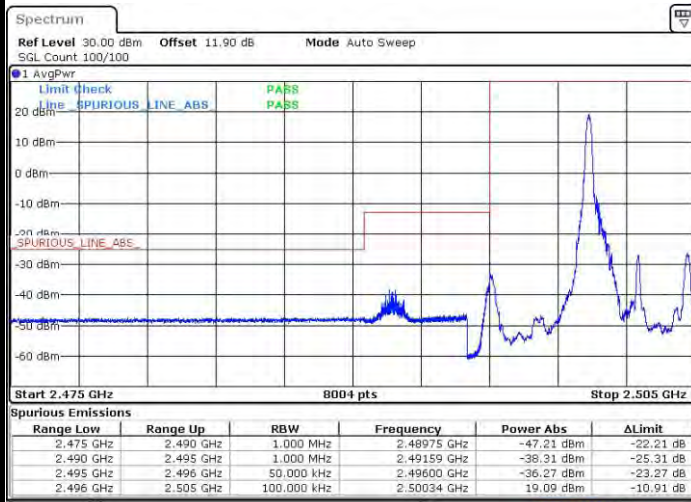
Highest Band Edge / Full RB



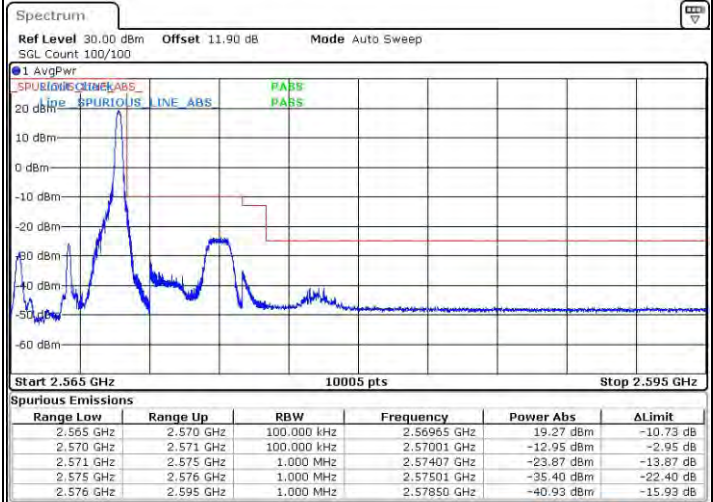


LTE Band 7 / 5MHz / 16QAM

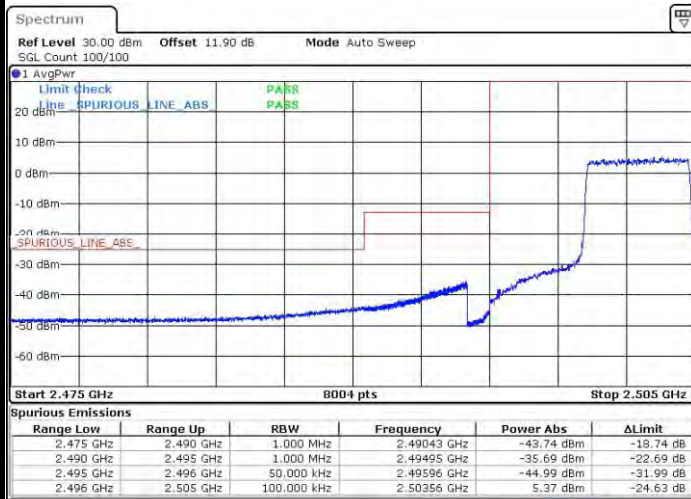
Lowest Band Edge / 1 RB



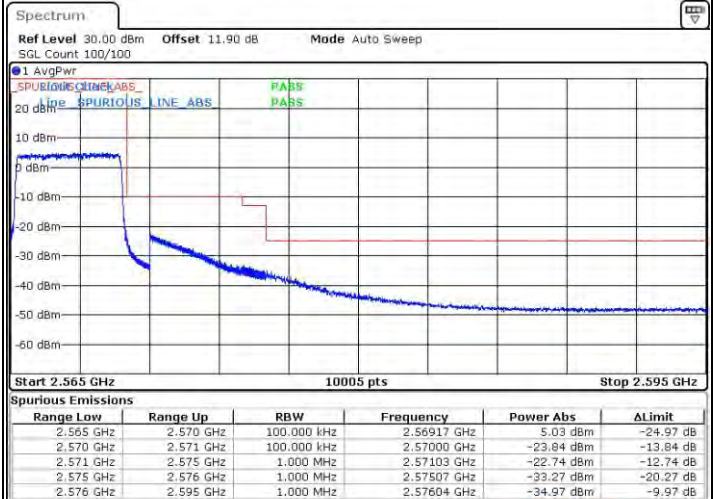
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



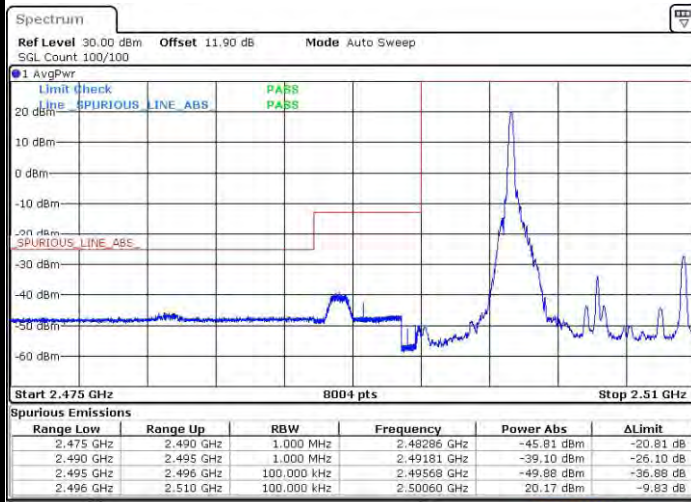
Highest Band Edge / Full RB



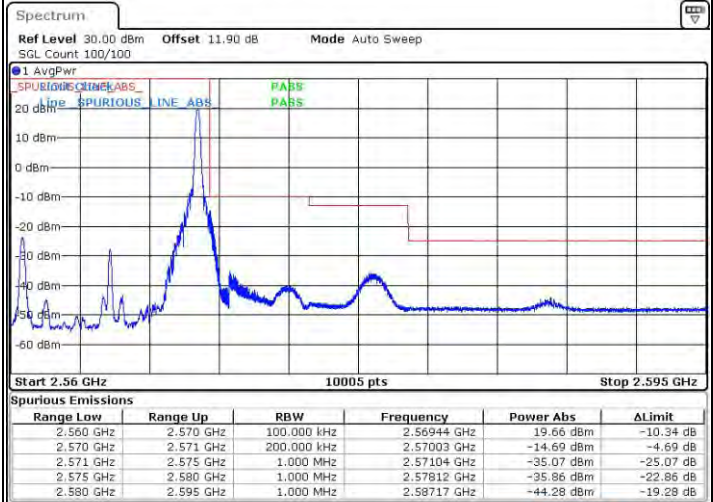


LTE Band 7 / 10MHz / QPSK

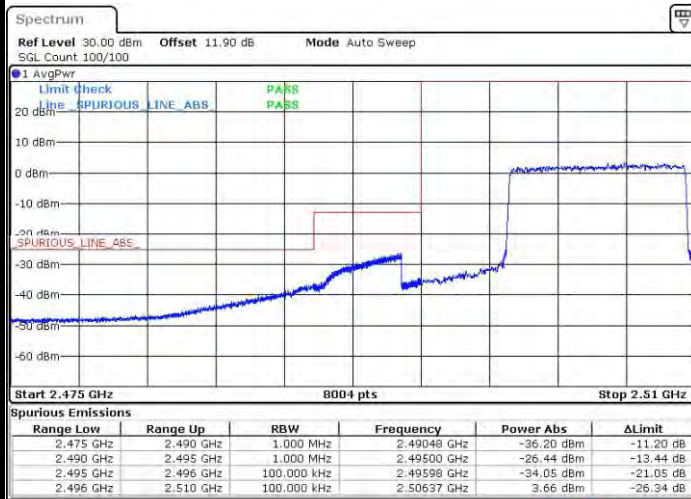
Lowest Band Edge / 1 RB



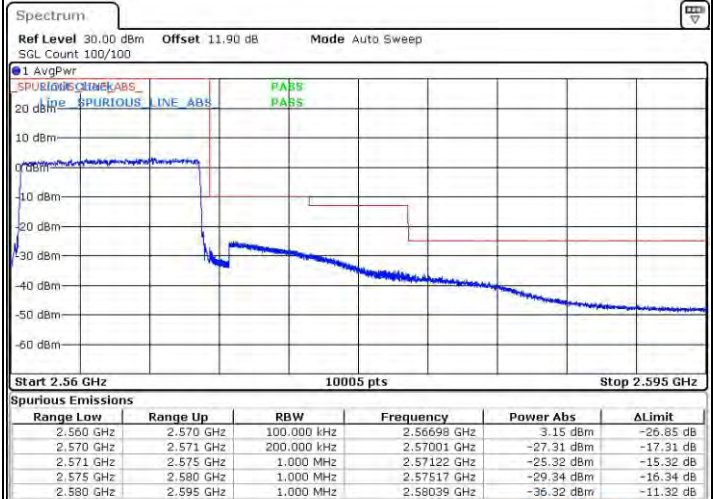
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



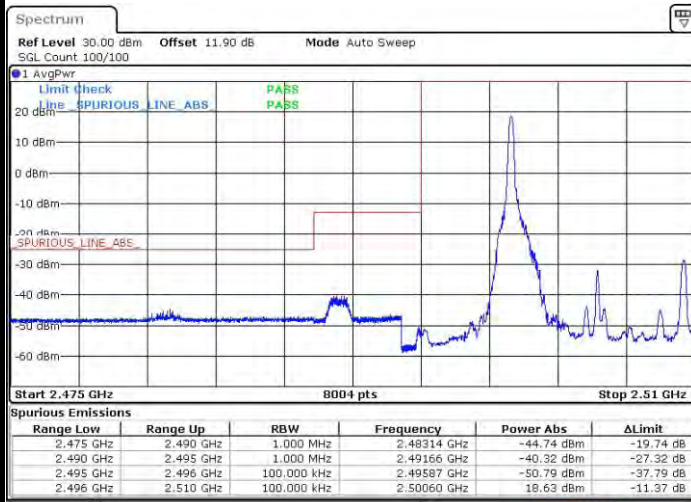
Highest Band Edge / Full RB





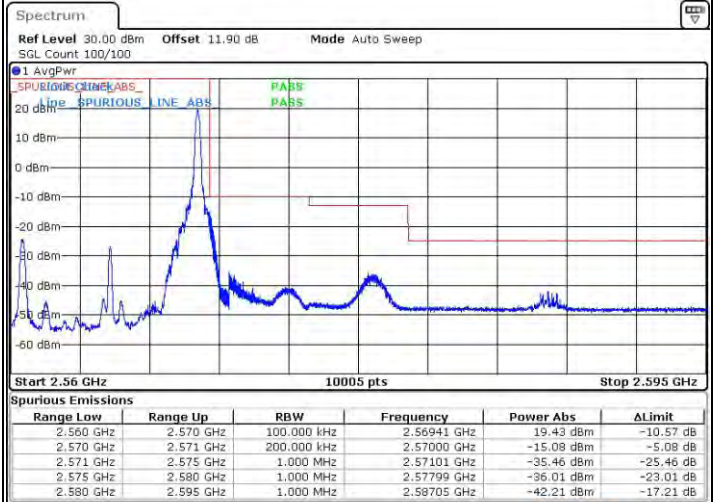
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



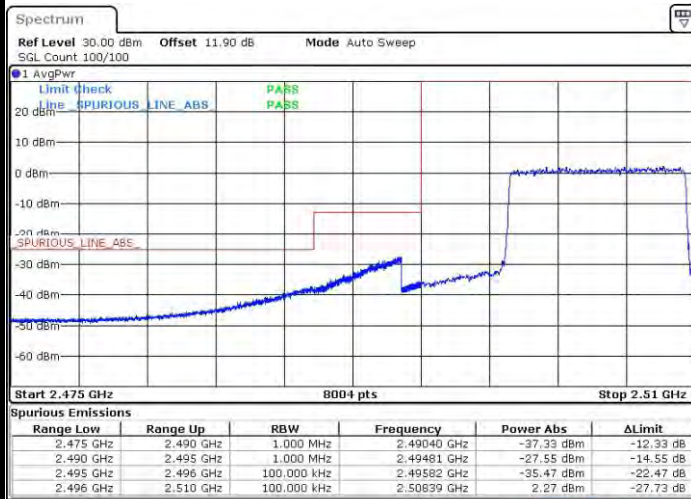
Date: 28.OCT.2015 09:45:52

Highest Band Edge / 1 RB



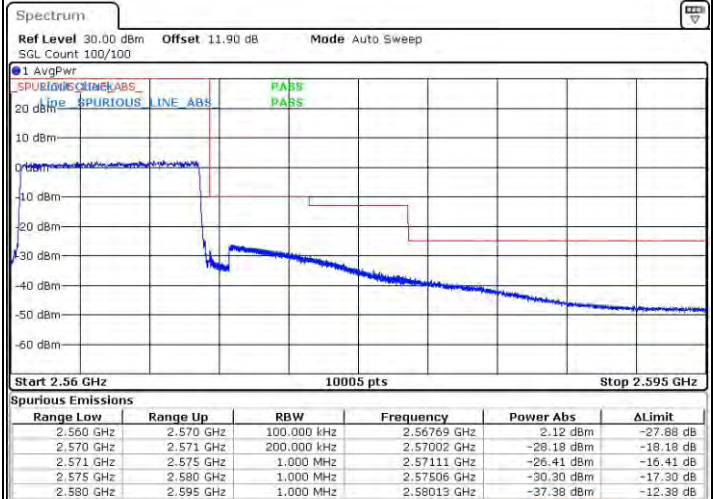
Date: 28.OCT.2015 09:55:31

Lowest Band Edge / Full RB



Date: 28.OCT.2015 09:48:11

Highest Band Edge / Full RB

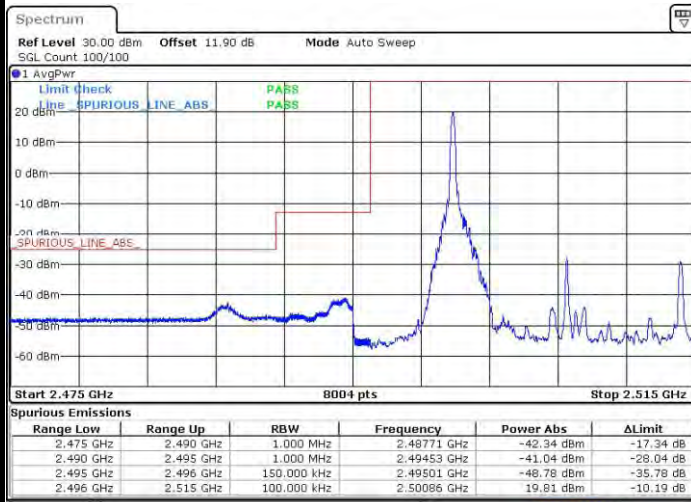


Date: 28.OCT.2015 09:57:51

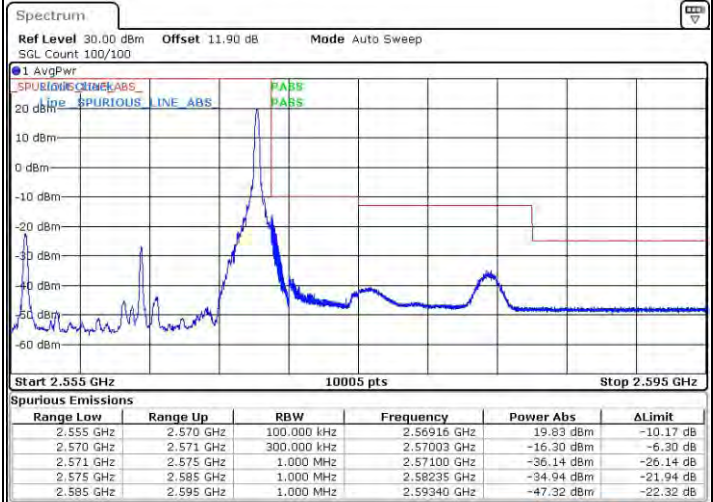


LTE Band 7 / 15MHz / QPSK

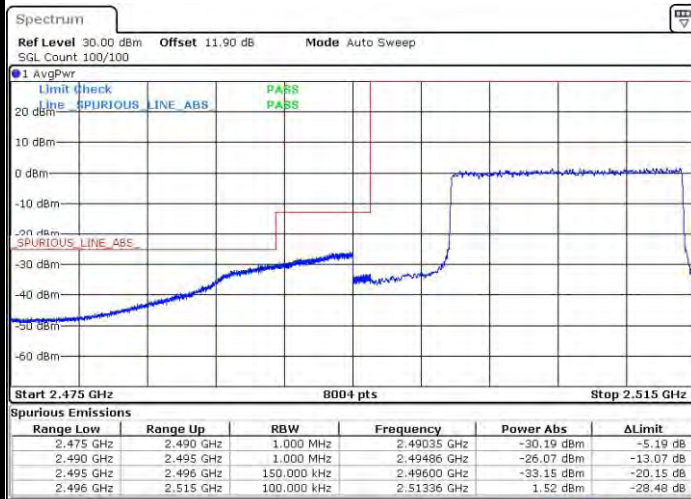
Lowest Band Edge / 1 RB



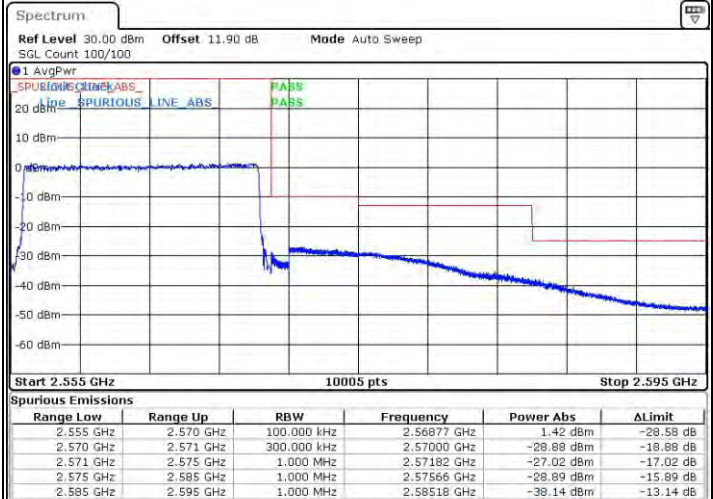
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



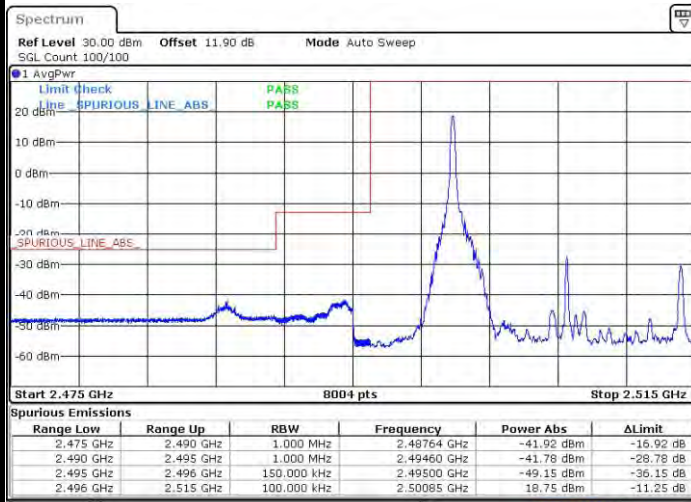
Highest Band Edge / Full RB



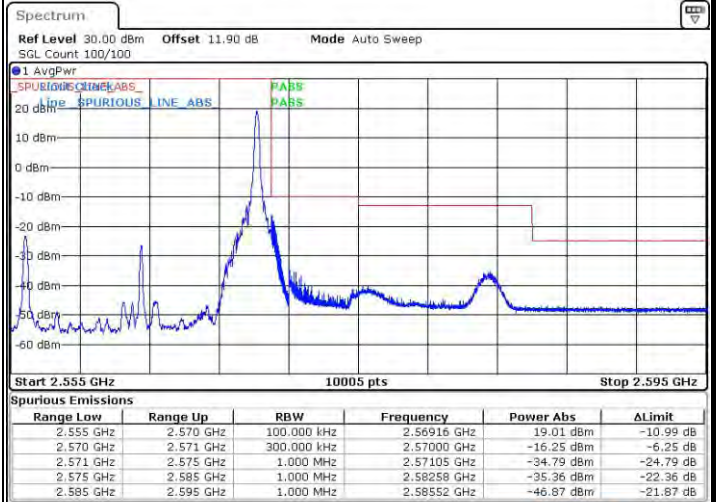


LTE Band 7 / 15MHz / 16QAM

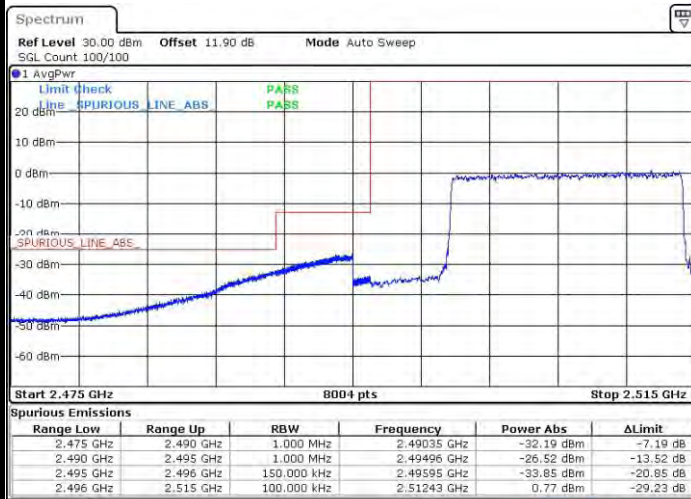
Lowest Band Edge / 1 RB



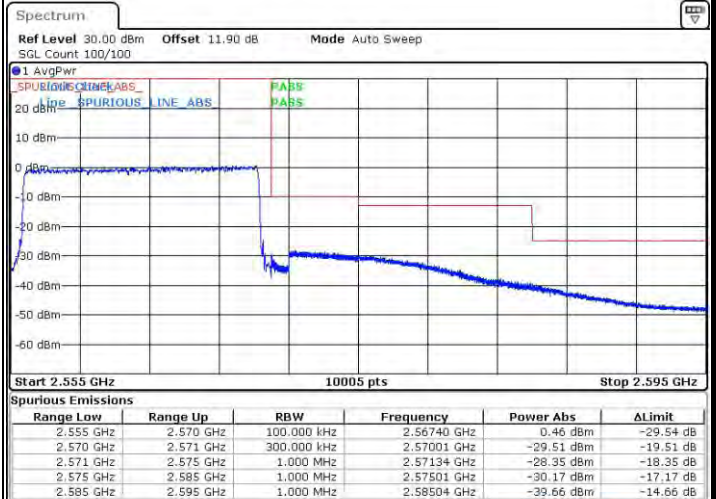
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



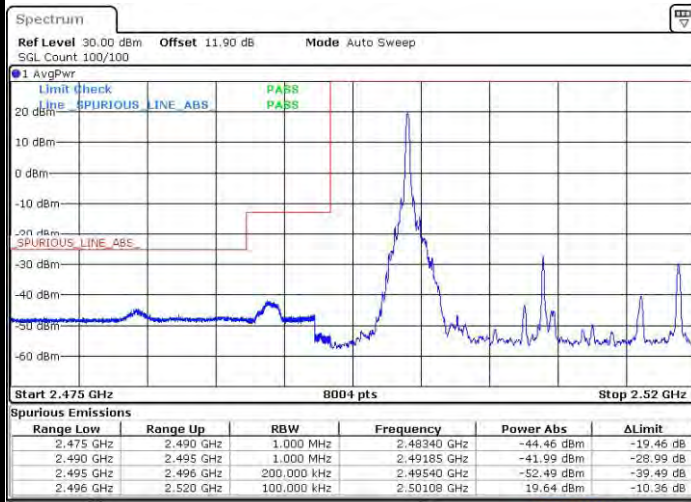
Highest Band Edge / Full RB



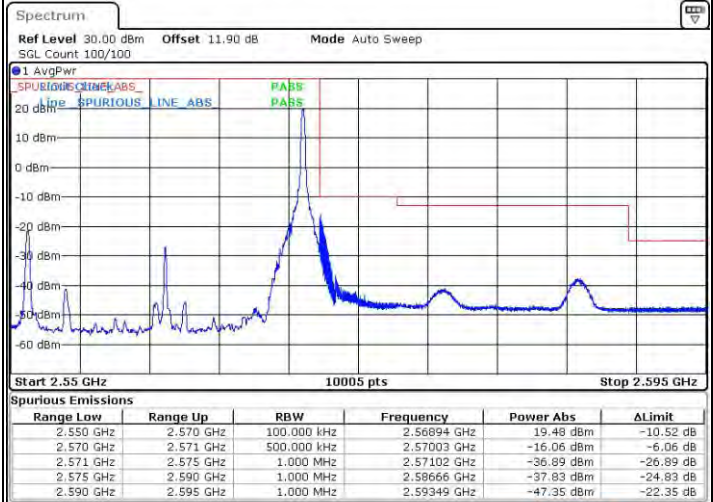


LTE Band 7 / 20MHz / QPSK

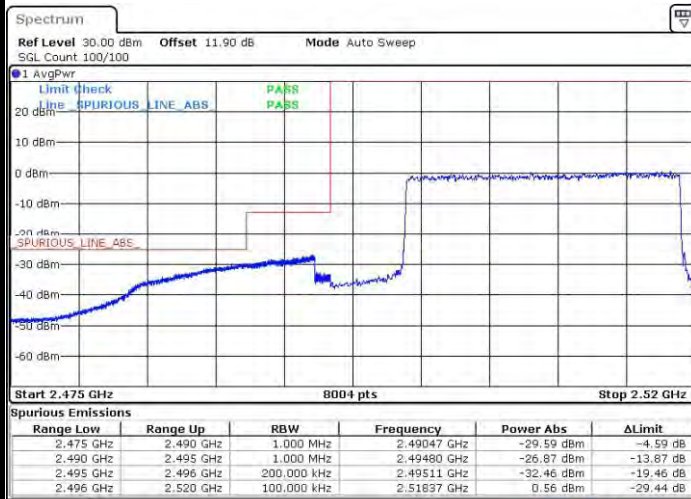
Lowest Band Edge / 1 RB



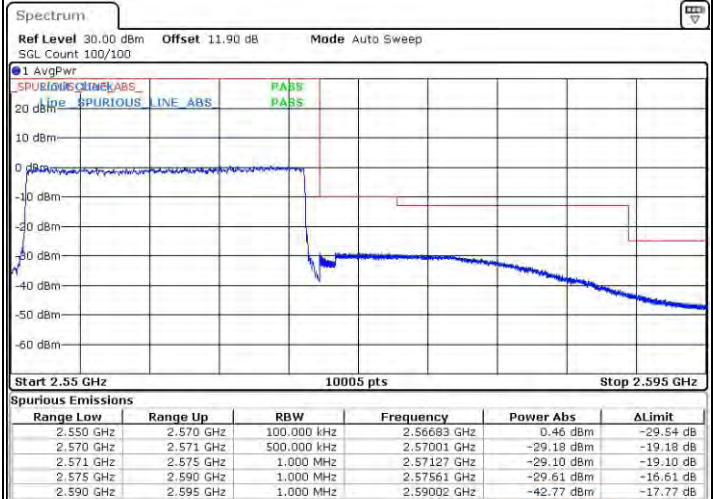
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



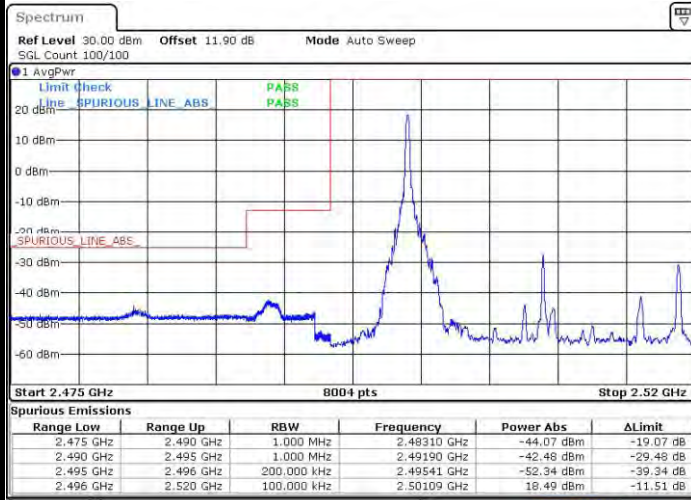
Highest Band Edge / Full RB



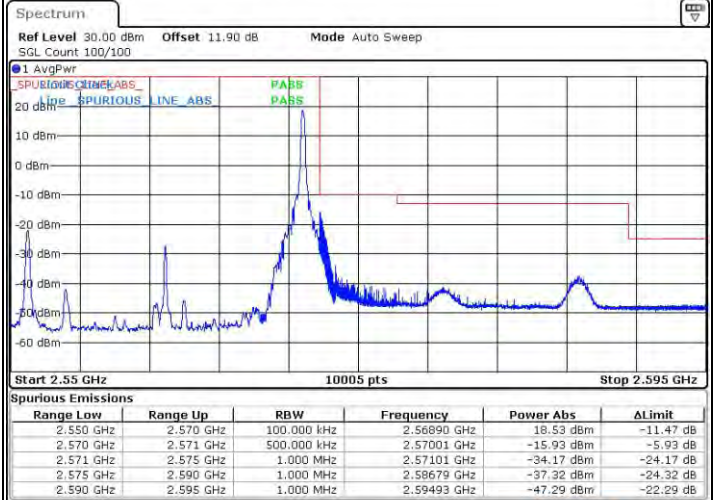


LTE Band 7 / 20MHz / 16QAM

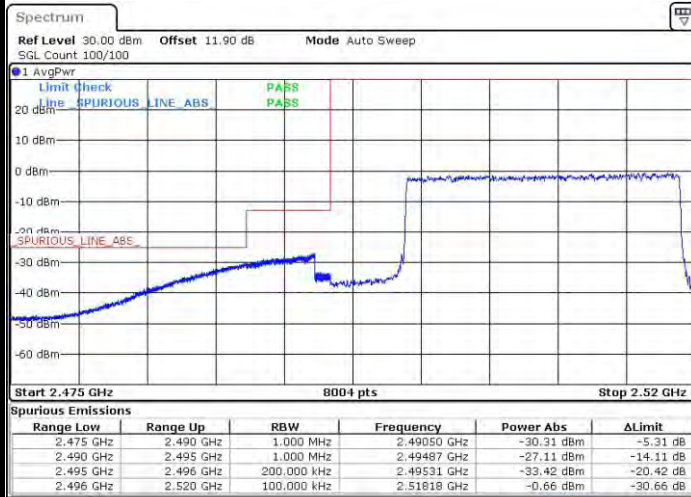
Lowest Band Edge / 1 RB



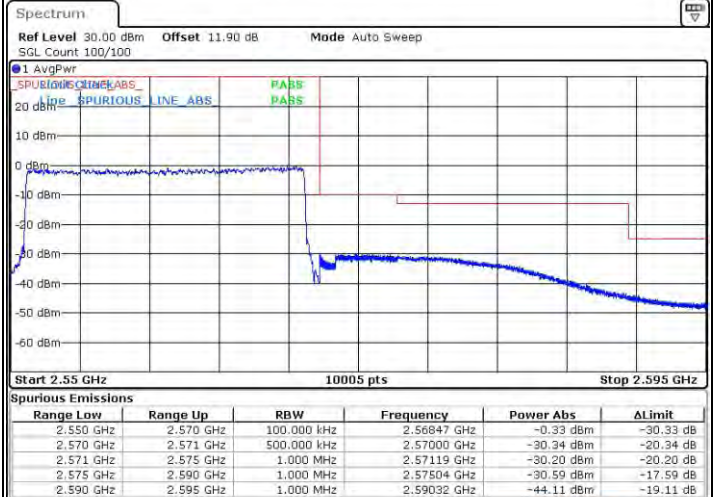
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission

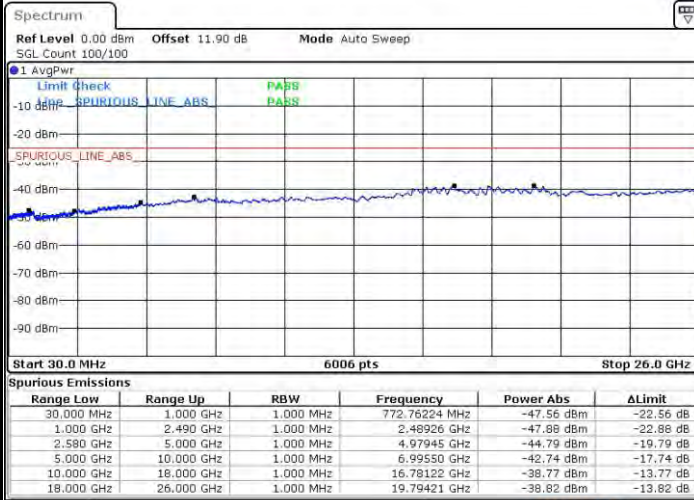


Date: 28.OCT.2015 09:27:28



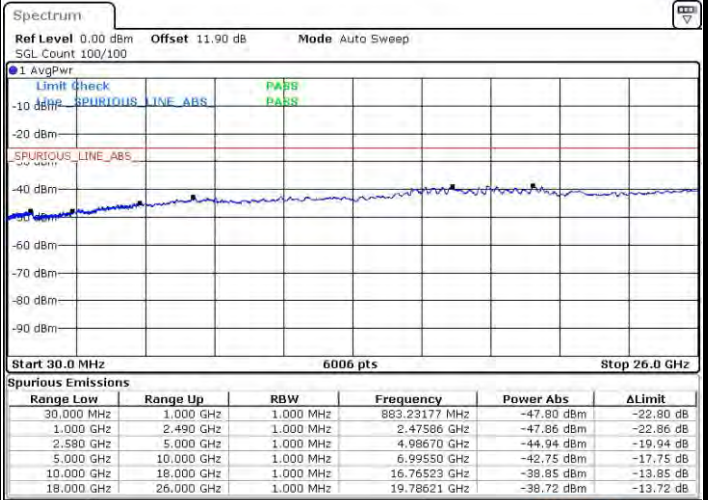
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 28 OCT.2015 09:33:45

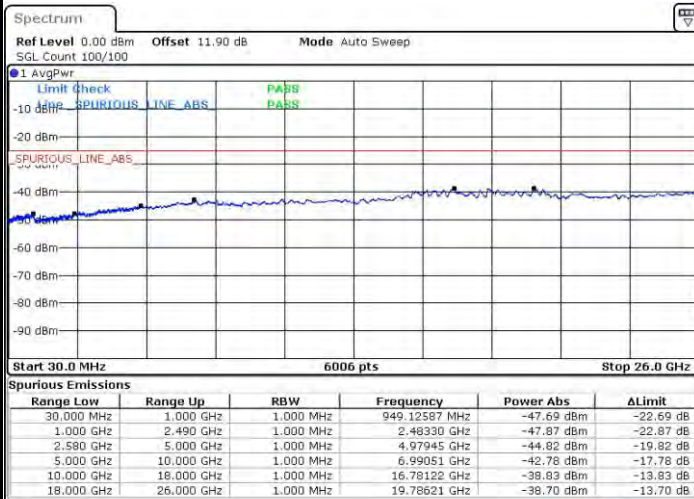
Highest Channel / 16QAM



Date: 28 OCT.2015 09:34:39

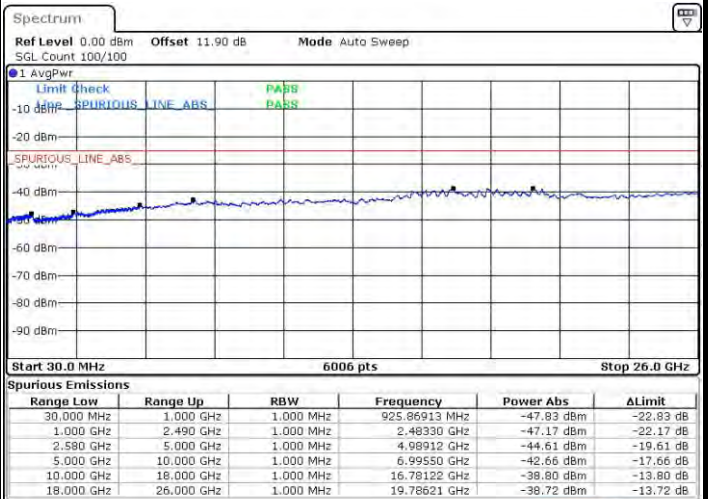
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 28 OCT.2015 09:49:05

Lowest Channel / 16QAM

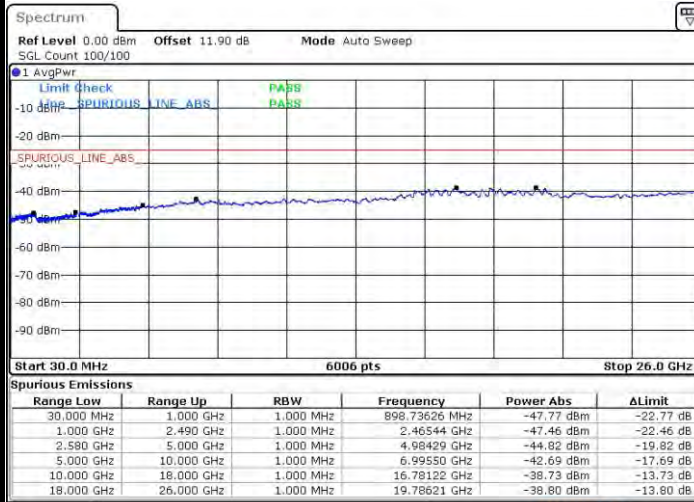


Date: 28 OCT.2015 09:49:59



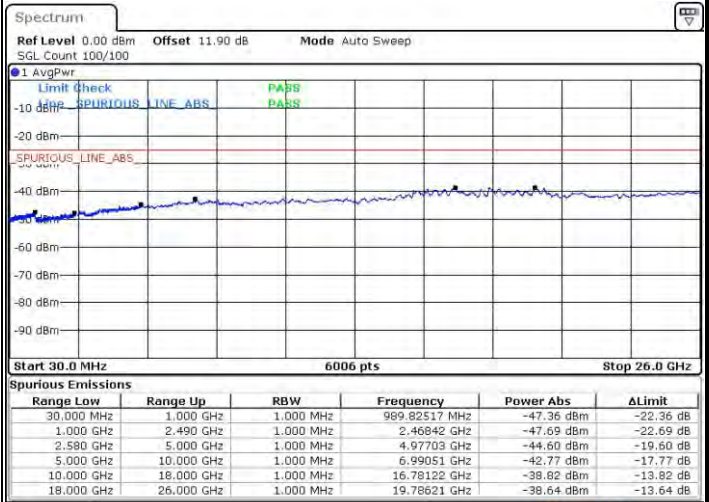
LTE Band 7 / 10MHz

Middle Channel / QPSK



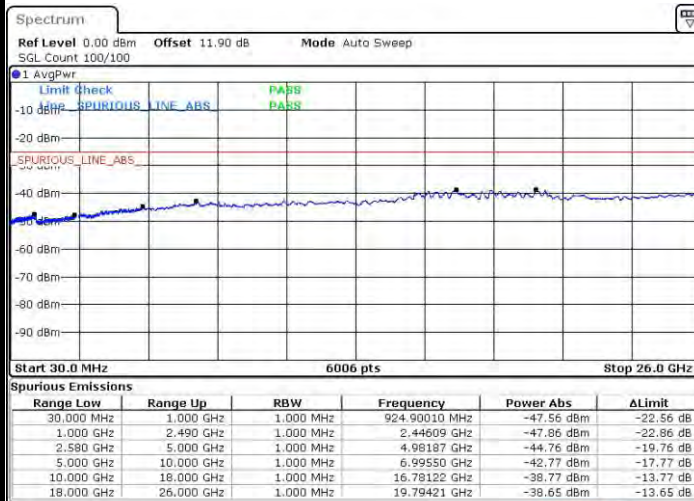
Date: 28.OCT.2015 09:51:35

Middle Channel / 16QAM



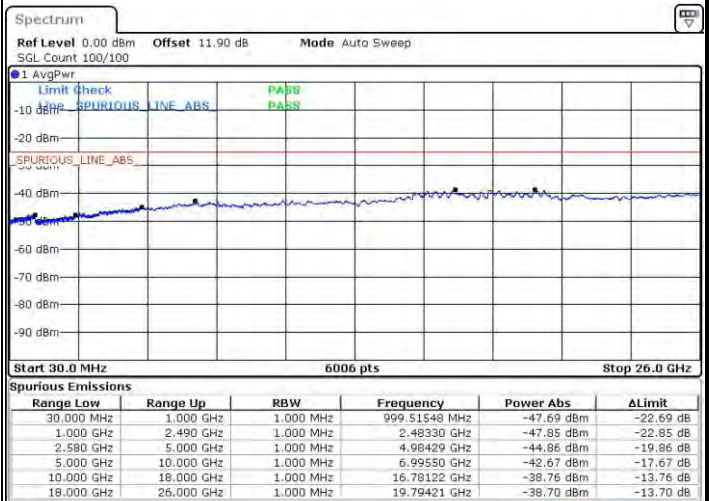
Date: 28.OCT.2015 09:52:29

Highest Channel / QPSK



Date: 28.OCT.2015 09:58:45

Highest Channel / 16QAM

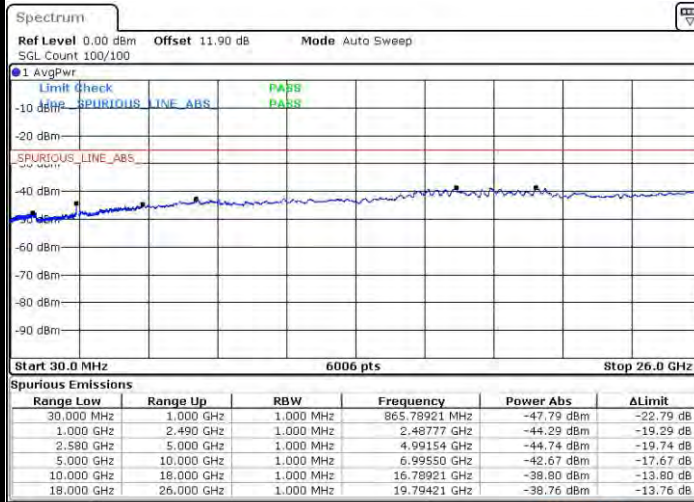


Date: 28.OCT.2015 09:59:39



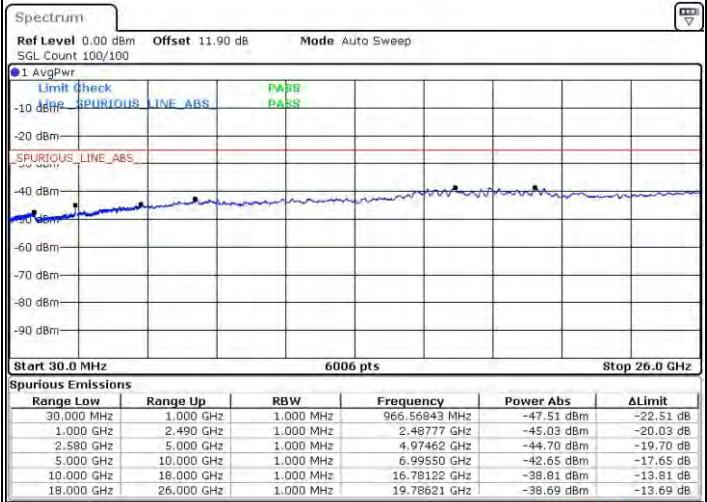
LTE Band 7 / 15MHz

Lowest Channel / QPSK



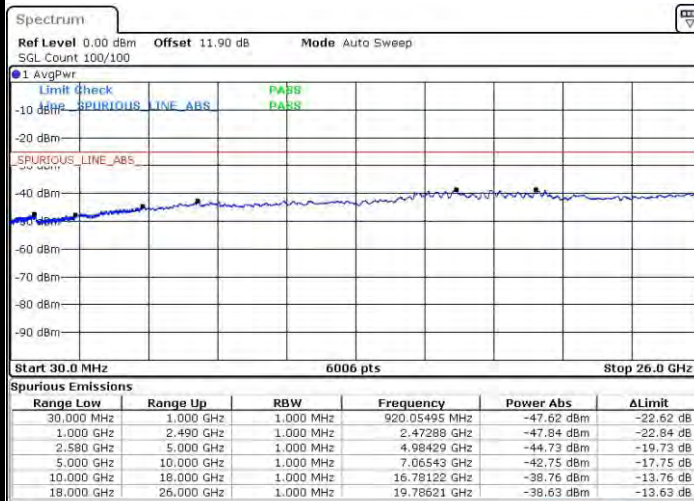
Date: 28.OCT.2015 10:05:54

Lowest Channel / 16QAM



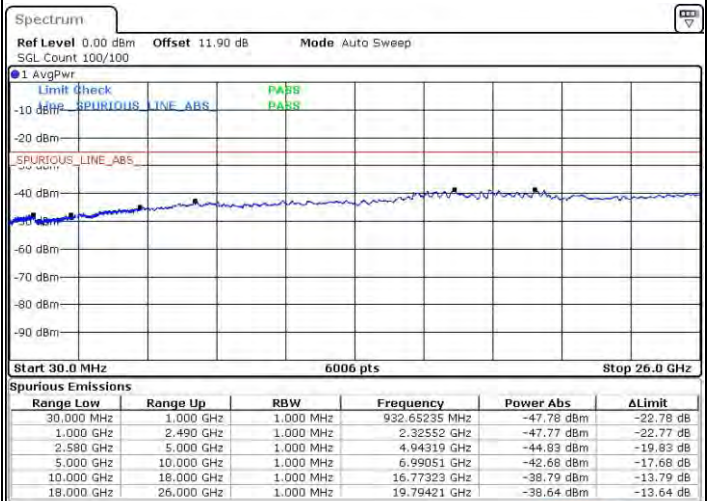
Date: 28.OCT.2015 10:06:47

Middle Channel / QPSK



Date: 28.OCT.2015 10:08:23

Middle Channel / 16QAM

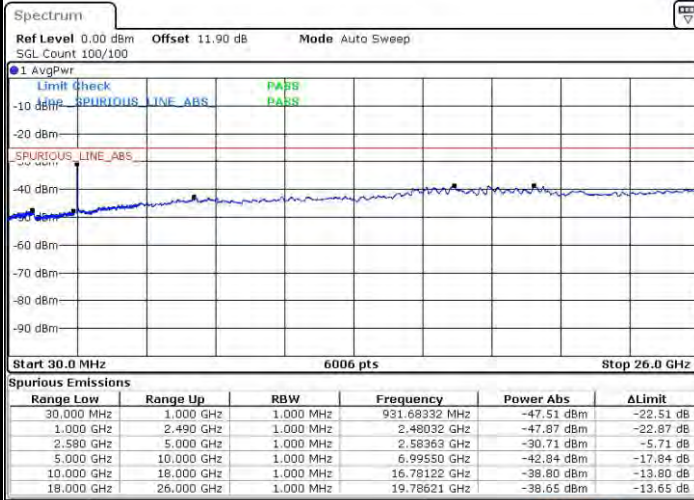


Date: 28.OCT.2015 10:09:17



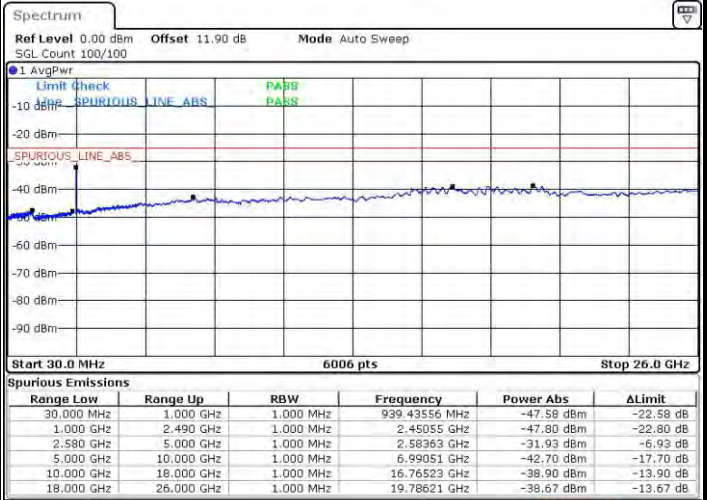
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 28.OCT.2015 10:15:32

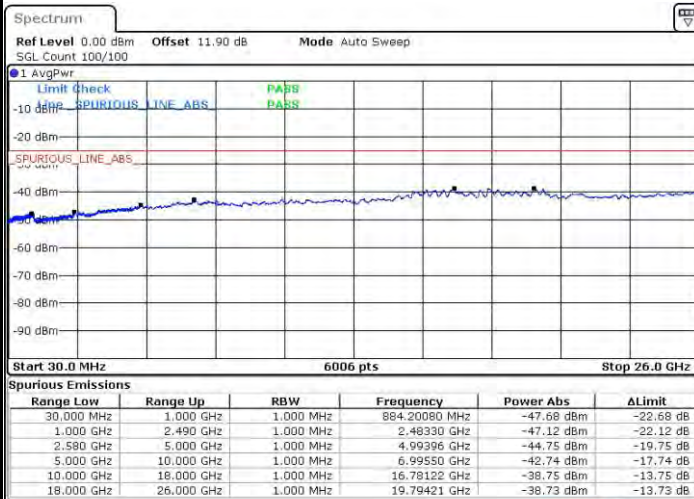
Highest Channel / 16QAM



Date: 28.OCT.2015 10:16:26

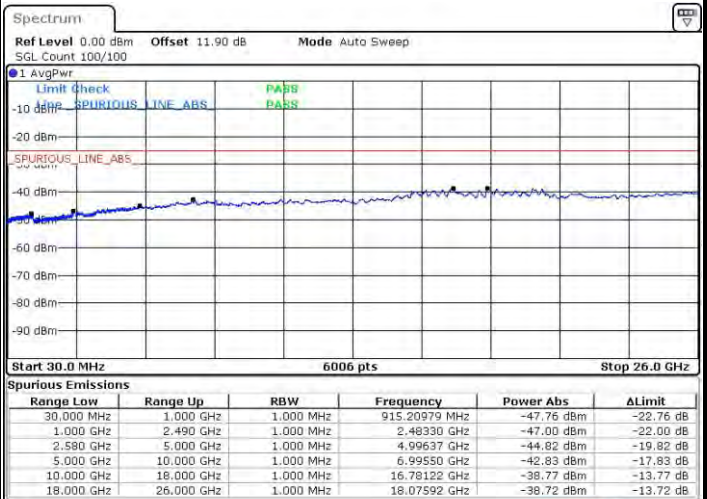
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 28.OCT.2015 10:22:41

Lowest Channel / 16QAM

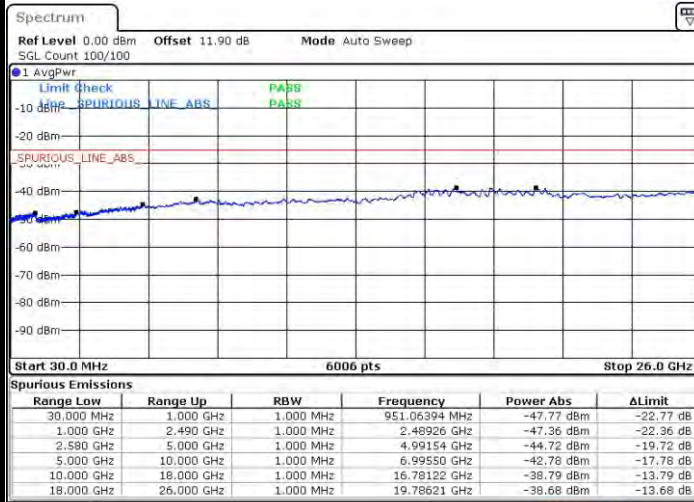


Date: 28.OCT.2015 10:23:35



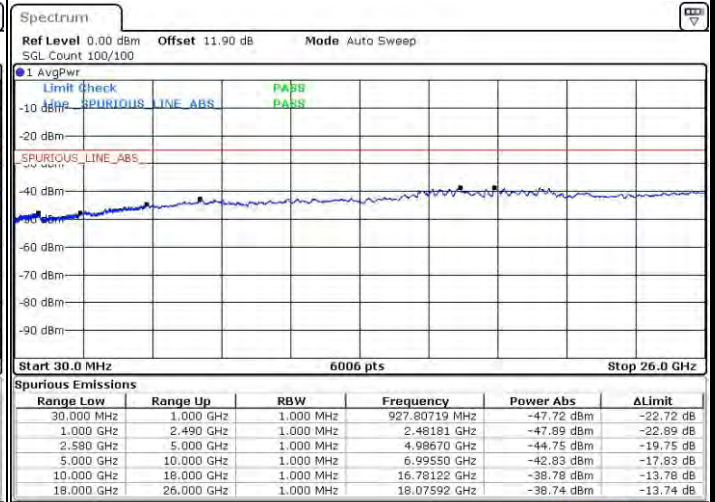
LTE Band 7 / 20MHz

Middle Channel / QPSK



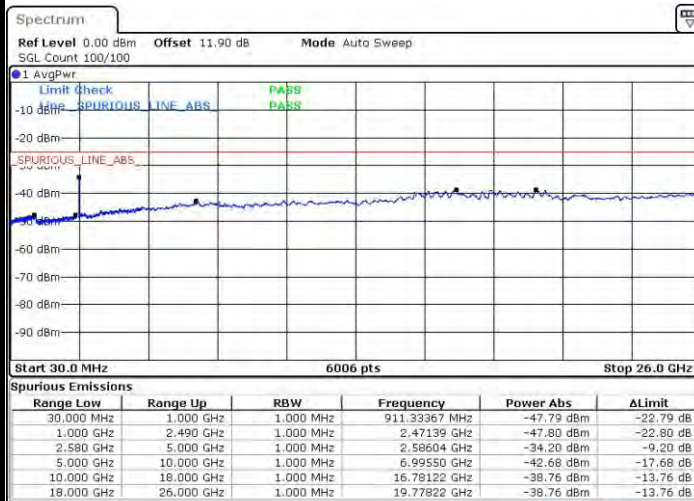
Date: 28.OCT.2015 10:25:11

Middle Channel / 16QAM



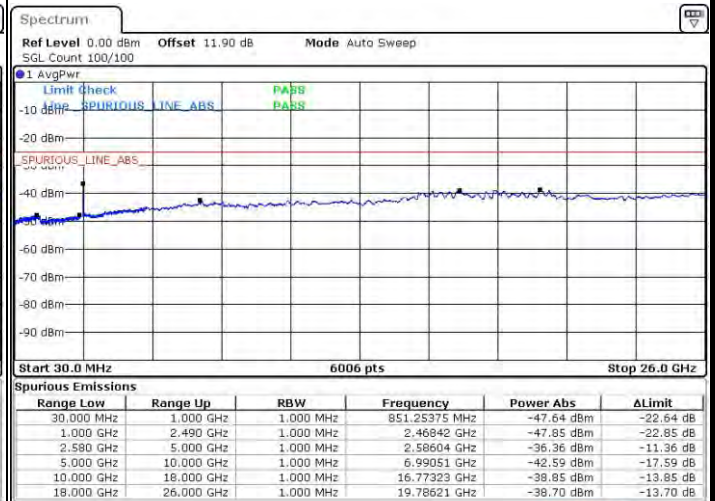
Date: 28.OCT.2015 10:26:04

Highest Channel / QPSK



Date: 28.OCT.2015 10:32:19

Highest Channel / 16QAM



Date: 28.OCT.2015 10:33:13

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP



LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.91	0.0778	23.20	0.2087
Middle		1	0	19.50	0.0892	23.51	0.2242
Highest		1	0	19.55	0.0902	23.66	0.2321
Lowest	16QAM	1	0	18.27	0.0672	22.26	0.1681
Middle		1	0	18.56	0.0718	22.65	0.1840
Highest		1	0	18.55	0.0715	22.86	0.1933
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	0	19.30	0.0850	23.36	0.2166
Middle		1	0	19.80	0.0956	23.69	0.2340
Highest		1	0	19.46	0.0883	24.13	0.2586
Lowest	16QAM	1	0	18.29	0.0675	22.47	0.1765
Middle		1	0	18.62	0.0728	22.66	0.1846
Highest		1	0	18.79	0.0757	23.09	0.2035
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	19.17	0.0826	23.29	0.2132
Middle		1	0	19.68	0.0929	23.54	0.2259
Highest		1	0	19.70	0.0934	23.84	0.2420
Lowest	16QAM	1	0	18.21	0.0663	22.40	0.1739
Middle		1	0	18.78	0.0754	22.58	0.1812
Highest		1	0	18.60	0.0725	22.93	0.1964
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	19.33	0.0857	23.43	0.2205
Middle		1	0	19.66	0.0924	23.61	0.2295
Highest		1	0	19.16	0.0825	23.23	0.2105
Lowest	16QAM	1	0	18.33	0.0681	22.56	0.1804
Middle		1	0	18.76	0.0751	22.67	0.1848
Highest		1	0	19.04	0.0803	23.29	0.2131
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	19.36	0.0863	23.32	0.2149
Middle		1	0	19.71	0.0935	23.57	0.2277
Highest		1	0	19.05	0.0804	23.07	0.2026
Lowest	16QAM	1	0	18.50	0.0708	22.62	0.1826
Middle		1	0	18.93	0.0782	22.76	0.1886
Highest		1	0	19.13	0.0819	22.73	0.1873
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	19.33	0.0856	23.35	0.2162
Middle		1	0	19.85	0.0965	23.61	0.2294
Highest		1	0	19.99	0.0997	23.74	0.2368
Lowest	16QAM	1	0	17.97	0.0626	22.77	0.1892
Middle		1	0	18.50	0.0708	22.86	0.1933
Highest		1	0	19.06	0.0805	23.35	0.2161
Limit	EIRP < 2W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.09	0.0026	16.58	0.0455
Middle		1	0	4.75	0.0030	17.05	0.0507
Highest		1	0	6.31	0.0043	18.51	0.0709
Lowest	16QAM	1	0	2.46	0.0018	15.61	0.0364
Middle		1	0	4.86	0.0031	16.61	0.0458
Highest		1	0	5.77	0.0038	16.40	0.0437
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.12	0.0026	16.65	0.0462
Middle		1	0	5.47	0.0035	16.41	0.0438
Highest		1	0	6.41	0.0044	17.08	0.0511
Lowest	16QAM	1	0	2.98	0.0020	15.65	0.0367
Middle		1	0	4.63	0.0029	15.66	0.0368
Highest		1	0	5.54	0.0036	16.32	0.0428
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	3.12	0.0021	16.87	0.0486
Middle		1	0	5.13	0.0033	17.39	0.0548
Highest		1	0	6.84	0.0048	18.51	0.0710
Lowest	16QAM	1	12	2.61	0.0018	16.10	0.0407
Middle		1	12	4.82	0.0030	16.71	0.0469
Highest		1	12	6.33	0.0043	18.12	0.0649
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	3.72	0.0024	16.57	0.0454
Middle		1	0	4.21	0.0026	17.08	0.0511
Highest		1	0	5.59	0.0036	17.95	0.0624
Lowest	16QAM	1	0	2.28	0.0017	15.74	0.0375
Middle		1	0	4.35	0.0027	16.57	0.0454
Highest		1	0	5.62	0.0036	16.99	0.0500
Limit	ERP < 7W			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	19.11	0.0815	21.55	0.1427
Middle		1	0	18.80	0.0758	21.61	0.1450
Highest		1	0	18.78	0.0756	20.72	0.1179
Lowest	16QAM	1	0	18.38	0.0688	20.71	0.1177
Middle		1	0	18.35	0.0684	20.94	0.1241
Highest		1	0	18.14	0.0651	20.10	0.1024
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	18.60	0.0724	21.64	0.1459
Middle		1	0	18.57	0.0720	21.23	0.1327
Highest		1	0	18.67	0.0736	20.87	0.1222
Lowest	16QAM	1	0	17.98	0.0628	20.81	0.1206
Middle		1	0	17.90	0.0617	20.50	0.1122
Highest		1	0	18.30	0.0676	20.44	0.1106
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.77	0.0598	20.81	0.1204
Middle		1	0	17.80	0.0603	20.43	0.1104
Highest		1	0	18.48	0.0704	20.94	0.1241
Lowest	16QAM	1	0	17.58	0.0573	20.82	0.1207
Middle		1	0	17.50	0.0562	20.28	0.1067
Highest		1	0	18.13	0.0651	20.53	0.1129
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	18.26	0.0670	20.68	0.1170
Middle		1	0	18.38	0.0689	20.75	0.1189
Highest		1	0	19.07	0.0808	21.20	0.1317
Lowest	16QAM	1	0	18.10	0.0646	20.74	0.1186
Middle		1	0	18.21	0.0662	20.47	0.1115
Highest		1	0	18.42	0.0695	20.64	0.1158
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

**LTE Band 2**

LTE Band 2 / 1.4MHz / QPSK									
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	-52.86	-13	-39.86	-71.45	-59.43	1.67	8.24	H
	5555	-46.64	-13	-33.64	-70.38	-53.71	2.66	9.72	H
	7403	-46.70	-13	-33.70	-75.24	-55.85	2.46	11.61	H
									H
									H
									H
									H
	3700	-55.86	-13	-42.86	-74.52	-62.43	1.67	8.24	V
	5555	-50.56	-13	-37.56	-72.76	-57.63	2.66	9.72	V
	7403	-47.86	-13	-34.86	-75.85	-57.01	2.46	11.61	V
									V
									V
									V
									V
Middle	3763	-49.05	-13	-36.05	-68.24	-55.68	1.69	8.32	H
	5639	-41.38	-13	-28.38	-65.15	-48.43	2.71	9.76	H
	7522	-46.62	-13	-33.62	-75.26	-56.01	2.42	11.81	H
									H
									H
									H
									H
	3763	-51.19	-13	-38.19	-69.78	-57.82	1.69	8.32	V
	5639	-45.29	-13	-32.29	-67.66	-52.34	2.71	9.76	V
	7522	-48.07	-13	-35.07	-76.38	-57.46	2.42	11.81	V
									V
									V
									V
									V
Highest	3819	-47.90	-13	-34.90	-69.64	-54.58	1.70	8.38	H
	5730	-41.10	-13	-28.10	-67.46	-48.13	2.76	9.79	H
	7641	-42.84	-13	-29.84	-73.57	-52.34	2.38	11.88	H
									H
									H
									H
									H
	3819	-52.54	-13	-39.54	-73.44	-59.22	1.70	8.38	V
	5730	-44.40	-13	-31.40	-69.78	-51.43	2.76	9.79	V
	7641	-44.95	-13	-31.95	-74.99	-54.45	2.38	11.88	V
									V
									V
									V
									V

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



LTE Band 2 / 3MHz / QPSK									
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	-49.86	-13	-36.86	-68.51	-56.43	1.67	8.24	H
	5548	-44.45	-13	-31.45	-68.15	-51.52	2.65	9.72	H
	7403	-43.89	-13	-30.89	-72.73	-53.04	2.46	11.61	H
									H
									H
									H
									H
	3700	-49.43	-13	-36.43	-67.96	-56	1.67	8.24	V
	5548	-47.86	-13	-34.86	-69.98	-54.93	2.65	9.72	V
	7403	-45.54	-13	-32.54	-73.59	-54.69	2.46	11.61	V
									V
									V
									V
									V
Middle	3756	-50.00	-13	-37.00	-69.02	-56.62	1.68	8.31	H
	5639	-42.95	-13	-29.95	-66.63	-50	2.71	9.76	H
	7515	-44.65	-13	-31.65	-73.31	-54.03	2.42	11.81	H
									H
									H
									H
									H
	3756	-49.70	-13	-36.70	-68.41	-56.32	1.68	8.31	V
	5639	-44.66	-13	-31.66	-67	-51.71	2.71	9.76	V
	7515	-46.39	-13	-33.39	-74.81	-55.77	2.42	11.81	V
									V
									V
Highest	3812	-46.15	-13	-33.15	-67.72	-52.82	1.70	8.37	H
	5723	-40.47	-13	-27.47	-66.79	-47.51	2.75	9.79	H
	7627	-41.51	-13	-28.51	-72.07	-51	2.39	11.88	H
									H
									H
									H
									H
	3812	-44.82	-13	-31.82	-65.51	-51.49	1.70	8.37	V
	5723	-42.37	-13	-29.37	-67.73	-49.41	2.75	9.79	V
	7627	-44.52	-13	-31.52	-74.55	-54.01	2.39	11.88	V
									V
									V
									V

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



LTE Band 2 / 5MHz / QPSK									
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	-51.86	-13	-38.86	-70.54	-58.43	1.67	8.24	H
	5548	-31.78	-13	-18.78	-55.52	-38.85	2.65	9.72	H
	7403	-43.48	-13	-30.48	-72.2	-52.63	2.46	11.61	H
	9251	-44.71	-13	-31.71	-75.56	-54.77	2.54	12.60	H
	14807	-36.04	-13	-23.04	-73.23	-45.89	3.52	13.37	H
									H
	3700	-54.11	-13	-41.11	-72.54	-60.68	1.67	8.24	V
	5555	-41.02	-13	-28.02	-63.13	-48.09	2.66	9.72	V
	7403	-46.81	-13	-33.81	-74.8	-55.96	2.46	11.61	V
	9251	-44.41	-13	-31.41	-74.71	-54.47	2.54	12.60	V
	14807	-31.47	-13	-18.47	-70.7	-41.32	3.52	13.37	V
									V
Middle	3756	-54.96	-13	-41.96	-73.95	-61.58	1.68	8.31	H
	5632	-32.64	-13	-19.64	-56.29	-39.69	2.70	9.75	H
	7515	-42.76	-13	-29.76	-71.5	-52.14	2.42	11.81	H
	9391	-43.92	-13	-30.92	-75.36	-53.9	2.57	12.54	H
	15025.5	-36.21	-13	-23.21	-73.17	-46.24	3.61	13.64	H
									H
	3756	-56.76	-13	-43.76	-75.39	-63.38	1.68	8.31	V
	5632	-40.16	-13	-27.16	-62.2	-47.21	2.70	9.75	V
	7515	-45.09	-13	-32.09	-73.4	-54.47	2.42	11.81	V
	9391	-45.80	-13	-32.80	-74.97	-55.78	2.57	12.54	V
	15025.5	-33.20	-13	-20.20	-72.5	-43.23	3.61	13.64	V
									V
Highest	3812	-47.45	-13	-34.45	-69.08	-54.12	1.70	8.37	H
	5716	-30.15	-13	-17.15	-56.37	-37.19	2.75	9.79	H
	7620	-38.52	-13	-25.52	-69.06	-48	2.39	11.87	H
	9524	-40.74	-13	-27.74	-74.53	-50.63	2.59	12.49	H
	15244	-29.35	-13	-16.35	-69.02	-39.59	3.70	13.94	H
									H
	3812	-52.32	-13	-39.32	-72.89	-58.99	1.70	8.37	V
	5716	-38.24	-13	-25.24	-63.41	-45.28	2.75	9.79	V
	7620	-42.60	-13	-29.60	-72.67	-52.08	2.39	11.87	V
	9524	-40.37	-13	-27.37	-71.9	-50.26	2.59	12.49	V
	15244	-27.36	-13	-14.36	-69.43	-37.6	3.70	13.94	V
									V

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



LTE Band 2 / 10MHz / QPSK									
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	-50.52	-13	-37.52	-69.15	-57.09	1.67	8.24	H
	5555	-43.24	-13	-30.24	-66.87	-50.31	2.66	9.72	H
	7403	-43.87	-13	-30.87	-72.72	-53.02	2.46	11.61	H
									H
									H
									H
									H
	3700	-49.45	-13	-36.45	-68.01	-56.02	1.67	8.24	V
	5555	-48.52	-13	-35.52	-70.59	-55.59	2.66	9.72	V
	7403	-46.03	-13	-33.03	-74.08	-55.18	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-50.53	-13	-37.53	-69.54	-57.15	1.68	8.30	H
	5625	-41.37	-13	-28.37	-64.98	-48.42	2.70	9.75	H
	7501	-44.75	-13	-31.75	-73.58	-54.12	2.43	11.80	H
									H
									H
									H
									H
	3749	-48.76	-13	-35.76	-67.53	-55.38	1.68	8.30	V
	5625	-47.34	-13	-34.34	-69.47	-54.39	2.70	9.75	V
	7501	-46.85	-13	-33.85	-75.32	-56.22	2.43	11.80	V
									V
									V
									V
									V
Highest	3805	-45.75	-13	-32.75	-67.33	-52.42	1.70	8.37	H
	5702	-40.99	-13	-27.99	-67.2	-48.03	2.74	9.78	H
	7606	-43.64	-13	-30.64	-74.17	-53.11	2.40	11.86	H
									H
									H
									H
									H
	3805	-44.87	-13	-31.87	-65.55	-51.54	1.70	8.37	V
	5702	-43.51	-13	-30.51	-68.58	-50.55	2.74	9.78	V
	7606	-46.38	-13	-33.38	-76.29	-55.85	2.40	11.86	V
									V
									V
									V
									V

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



LTE Band 2 / 15MHz / QPSK									
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	-49.45	-13	-36.45	-68.1	-56.02	1.67	8.24	H
	5555	-42.75	-13	-29.75	-66.47	-49.82	2.66	9.72	H
	7403	-44.40	-13	-31.40	-73.17	-53.55	2.46	11.61	H
									H
									H
									H
									H
	3700	-52.84	-13	-39.84	-71.34	-59.41	1.67	8.24	V
	5555	-48.14	-13	-35.14	-70.27	-55.21	2.66	9.72	V
	7403	-47.14	-13	-34.14	-75.13	-56.29	2.46	11.61	V
									V
									V
									V
									V
Middle	3749	-49.40	-13	-36.40	-68.42	-56.02	1.68	8.30	H
	5618	-45.04	-13	-32.04	-68.67	-52.09	2.69	9.75	H
	7494	-44.89	-13	-31.89	-73.74	-54.25	2.43	11.79	H
									H
									H
									H
									H
	3749	-53.00	-13	-40.00	-71.73	-59.62	1.68	8.30	V
	5618	-48.56	-13	-35.56	-70.68	-55.61	2.69	9.75	V
	7494	-47.28	-13	-34.28	-75.58	-56.64	2.43	11.79	V
									V
									V
									V
									V
Highest	3791	-45.35	-13	-32.35	-66.77	-52	1.70	8.35	H
	5688	-41.62	-13	-28.62	-67.91	-48.66	2.73	9.78	H
	7585	-43.60	-13	-30.60	-74.2	-53.05	2.40	11.85	H
									H
									H
									H
									H
	3791	-49.20	-13	-36.20	-69.97	-55.85	1.70	8.35	V
	5688	-43.54	-13	-30.54	-68.68	-50.58	2.73	9.78	V
	7585	-44.94	-13	-31.94	-75.23	-54.39	2.40	11.85	V
									V
									V
									V
									V

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



LTE Band 2 / 20MHz / QPSK									
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	-50.86	-13	-37.86	-69.4	-57.43	1.67	8.24	H
	5555	-42.59	-13	-29.59	-66.3	-49.66	2.66	9.72	H
	7403	-44.31	-13	-31.31	-73.1	-53.46	2.46	11.61	H
									H
									H
									H
									H
	3700	-54.25	-13	-41.25	-72.82	-60.82	1.67	8.24	V
	5555	-47.77	-13	-34.77	-69.97	-54.84	2.66	9.72	V
	7403	-46.95	-13	-33.95	-75.04	-56.1	2.46	11.61	V
									V
									V
									V
									V
Middle	3742	-46.70	-13	-33.70	-65.79	-53.31	1.68	8.29	H
	5611	-46.02	-13	-33.02	-69.53	-53.08	2.69	9.74	H
	7487	-45.64	-13	-32.64	-74.36	-54.98	2.43	11.77	H
									H
									H
									H
									H
	3742	-51.79	-13	-38.79	-70.39	-58.4	1.68	8.29	V
	5611	-50.16	-13	-37.16	-72.04	-57.22	2.69	9.74	V
	7487	-46.68	-13	-33.68	-75.09	-56.02	2.43	11.77	V
									V
									V
									V
									V
Highest	3784	-46.59	-13	-33.59	-68.05	-53.24	1.69	8.34	H
	5674	-42.96	-13	-29.96	-66.19	-50	2.73	9.77	H
	7564	-43.56	-13	-30.56	-74.23	-52.99	2.41	11.84	H
									H
									H
									H
									H
	3784	-50.82	-13	-37.82	-71.54	-57.47	1.69	8.34	V
	5674	-43.35	-13	-30.35	-68.17	-50.39	2.73	9.77	V
	7564	-45.20	-13	-32.20	-75.41	-54.63	2.41	11.84	V
									V
									V
									V
									V

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

**LTE Band 5**

LTE Band 5 / 1.4MHz / QPSK									
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	1648	-66.01	-13	-53.01	-74.63	-67.77	0.98	4.89	H
	2473	-64.07	-13	-51.07	-76.13	-65.96	1.28	5.32	H
	3298	-61.08	-13	-48.08	-76.63	-64.5	1.54	7.11	H
									H
									H
									H
									H
	1648	-68.10	-13	-55.10	-74.73	-69.86	0.98	4.89	V
	2473	-61.82	-13	-48.82	-76.06	-63.71	1.28	5.32	V
	3298	-62.07	-13	-49.07	-76.53	-65.49	1.54	7.11	V
									V
									V
									V
									V
Middle	1672	-66.28	-13	-53.28	-74.63	-67.96	0.99	4.82	H
	2506	-63.65	-13	-50.65	-75.95	-65.61	1.29	5.40	H
	3343	-61.22	-13	-48.22	-76.46	-64.82	1.56	7.31	H
									H
									H
									H
									H
	1672	-68.41	-13	-55.41	-74.61	-70.09	0.99	4.82	V
	2506	-61.67	-13	-48.67	-76.04	-63.63	1.29	5.40	V
	3343	-62.22	-13	-49.22	-76.46	-65.82	1.56	7.31	V
									V
									V
									V
									V
Highest	1699	-65.04	-13	-52.04	-73.52	-66.63	1.00	4.74	H
	2548	-61.10	-13	-48.10	-73.83	-63.08	1.31	5.44	H
	3394	-61.06	-13	-48.06	-76.48	-64.87	1.57	7.53	H
									H
									H
									H
									H
	1699	-65.51	-13	-52.51	-72.27	-67.1	1.00	4.74	V
	2548	-59.75	-13	-46.75	-74.14	-61.73	1.31	5.44	V
	3394	-61.42	-13	-48.42	-76.28	-65.23	1.57	7.53	V
									V
									V
									V
									V

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



LTE Band 5 / 3MHz / QPSK									
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	1648	-64.06	-13	-51.06	-73.8	-65.82	0.98	4.89	H
	2472	-62.03	-13	-49.03	-75.06	-63.91	1.28	5.32	H
	3296	-59.35	-13	-46.35	-75.91	-62.76	1.54	7.10	H
									H
									H
									H
	1648	-66.12	-13	-53.12	-73.82	-67.88	0.98	4.89	V
	2472	-59.71	-13	-46.71	-75.08	-61.59	1.28	5.32	V
	3296	-60.20	-13	-47.20	-75.6	-63.61	1.54	7.10	V
									V
									V
									V
Middle	1672	-63.84	-13	-50.84	-73.15	-65.52	0.99	4.82	H
	2504	-58.16	-13	-45.16	-71.21	-60.12	1.29	5.40	H
	3344	-59.44	-13	-46.44	-75.68	-63.05	1.56	7.31	H
									H
									H
									H
	1672	-66.59	-13	-53.59	-73.75	-68.27	0.99	4.82	V
	2504	-56.77	-13	-43.77	-72.15	-58.73	1.29	5.40	V
	3344	-60.49	-13	-47.49	-75.72	-64.1	1.56	7.31	V
									V
									V
									V
Highest	1696	-63.85	-13	-50.85	-73.27	-65.45	1.00	4.75	H
	2536	-55.80	-13	-42.80	-69.3	-57.78	1.30	5.43	H
	3384	-59.35	-13	-46.35	-75.67	-63.12	1.57	7.49	H
									H
									H
									H
	1696	-64.40	-13	-51.40	-72.07	-66	1.00	4.75	V
	2536	-55.37	-13	-42.37	-70.72	-57.35	1.30	5.43	V
	3384	-59.61	-13	-46.61	-75.29	-63.38	1.57	7.49	V
									V
									V
									V

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



LTE Band 5 / 5MHz / QPSK									
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	1648	-67.14	-13	-54.14	-74.76	-68.9	0.98	4.89	H
	2473	-64.07	-13	-51.07	-76.13	-65.96	1.28	5.32	H
	3295	-61.00	-13	-48.00	-76.55	-64.41	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.23	-13	-55.23	-74.86	-69.99	0.98	4.89	V
	2473	-60.81	-13	-47.81	-76.05	-62.7	1.28	5.32	V
	3295	-61.85	-13	-48.85	-76.31	-65.26	1.54	7.10	V
									V
									V
									V
									V
Middle	1669	-66.52	-13	-53.52	-75.01	-68.21	0.99	4.83	H
	2506	-61.64	-13	-48.64	-73.94	-63.6	1.29	5.40	H
	3337	-61.14	-13	-48.14	-76.48	-64.72	1.55	7.28	H
									H
									H
									H
									H
	1669	-68.51	-13	-55.51	-74.92	-70.2	0.99	4.83	V
	2506	-58.72	-13	-45.72	-73.09	-60.68	1.29	5.40	V
	3337	-62.12	-13	-49.12	-76.43	-65.7	1.55	7.28	V
									V
									V
									V
									V
Highest	1687	-66.28	-13	-53.28	-74.63	-67.91	1.00	4.78	H
	2536	-63.51	-13	-50.51	-76.03	-65.49	1.30	5.43	H
	3376	-61.15	-13	-48.15	-76.51	-64.89	1.57	7.45	H
									H
									H
									H
									H
	1687	-68.01	-13	-55.01	-74.21	-69.64	1.00	4.78	V
	2536	-61.83	-13	-48.83	-76.21	-63.81	1.30	5.43	V
	3376	-61.88	-13	-48.88	-76.53	-65.62	1.57	7.45	V
									V
									V
									V
									V
									V

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



LTE Band 5 / 10MHz / QPSK									
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	1648	-66.08	-13	-53.08	-74.7	-67.84	0.98	4.89	H
	2472	-64.17	-13	-51.17	-76.23	-66.05	1.28	5.32	H
	3296	-60.94	-13	-47.94	-76.49	-64.35	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.15	-13	-55.15	-74.78	-69.91	0.98	4.89	V
	2472	-61.95	-13	-48.95	-76.19	-63.83	1.28	5.32	V
	3296	-62.10	-13	-49.10	-76.56	-65.51	1.54	7.10	V
									V
									V
									V
									V
Middle	1663	-65.95	-13	-52.95	-74.74	-67.66	0.98	4.84	H
	2496	-61.06	-13	-48.06	-73.74	-63.01	1.29	5.39	H
	3328	-61.23	-13	-48.23	-76.57	-64.77	1.55	7.24	H
									H
									H
									H
									H
	1663	-68.31	-13	-55.31	-74.72	-70.02	0.98	4.84	V
	2496	-58.46	-13	-45.46	-73.42	-60.41	1.29	5.39	V
	3328	-62.22	-13	-49.22	-76.53	-65.76	1.55	7.24	V
									V
									V
									V
									V
Highest	1680	-66.25	-13	-53.25	-74.6	-67.9	0.99	4.80	H
	2520	-63.51	-13	-50.51	-75.81	-65.48	1.30	5.42	H
	3352	-61.07	-13	-48.07	-76.31	-64.71	1.56	7.35	H
									H
									H
									H
									H
	1680	-67.39	-13	-54.39	-73.59	-69.04	0.99	4.80	V
	2520	-61.31	-13	-48.31	-75.68	-63.28	1.30	5.42	V
	3352	-61.96	-13	-48.96	-76.2	-65.6	1.56	7.35	V
									V
									V
									V
									V

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

**LTE Band 7**

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-42.47	-25	-17.47	-65.34	-49.83	2.34	9.70	H
	7500	-38.05	-25	-13.05	-66.81	-47.42	2.43	11.80	H
	10008	-38.34	-25	-13.34	-69.96	-47.85	2.70	12.20	H
	12504	-36.78	-25	-11.78	-72.9	-46.38	2.81	12.40	H
	15000	-35.25	-25	-10.25	-72.29	-45.25	3.60	13.60	H
									H
	5004	-50.75	-25	-25.75	-72.17	-58.11	2.34	9.70	V
	7500	-44.14	-25	-19.14	-72.6	-53.51	2.43	11.80	V
	10008	-36.79	-25	-11.79	-66.67	-46.3	2.70	12.20	V
	12504	-32.69	-25	-7.69	-68	-42.29	2.81	12.40	V
	15000	-32.69	-25	-7.69	-72.01	-42.69	3.60	13.60	V
									V
Middle	5064	-40.26	-25	-15.26	-63.2	-47.59	2.37	9.70	H
	7596	-39.12	-25	-14.12	-67.51	-48.58	2.40	11.86	H
	10128	-37.79	-25	-12.79	-69.55	-47.35	2.70	12.25	H
	12660	-33.82	-25	-8.82	-70.86	-43.57	2.84	12.59	H
	15195.5	-35.10	-25	-10.10	-72.46	-45.29	3.68	13.87	H
									H
	5064	-47.32	-25	-22.32	-68.89	-54.65	2.37	9.70	V
	7596	-44.66	-25	-19.66	-72.69	-54.12	2.40	11.86	V
	10128	-35.85	-25	-10.85	-65.92	-45.41	2.70	12.25	V
	12660	-33.84	-25	-8.84	-69.44	-43.59	2.84	12.59	V
	15195.5	-33.03	-25	-8.03	-72.8	-43.22	3.68	13.87	V
									V
Highest	5136	-41.94	-25	-16.94	-64.69	-49.22	2.42	9.70	H
	7692	-38.86	-25	-13.86	-67.41	-48.41	2.37	11.92	H
	10260	-37.99	-25	-12.99	-69.6	-47.6	2.69	12.30	H
	12828	-34.66	-25	-9.66	-72.43	-44.57	2.89	12.79	H
	15391	-34.26	-25	-9.26	-72.04	-44.65	3.76	14.15	H
									H
	5136	-47.73	-25	-22.73	-68.66	-55.01	2.42	9.70	V
	7692	-45.45	-25	-20.45	-73.39	-55	2.37	11.92	V
	10260	-35.27	-25	-10.27	-65.76	-44.88	2.69	12.30	V
	12828	-34.20	-25	-9.20	-70	-44.11	2.89	12.79	V
	15391	-33.22	-25	-8.22	-73.42	-43.61	3.76	14.15	V
									V

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



LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-47.30	-25	-22.30	-70.14	-54.66	2.34	9.70	H
	7500	-37.58	-25	-12.58	-66.31	-46.95	2.43	11.80	H
	10008	-34.64	-25	-9.64	-66.23	-44.15	2.70	12.20	H
	12504	-32.00	-25	-7.00	-68.12	-41.6	2.81	12.40	H
									H
									H
									H
	5004	-49.28	-25	-24.28	-70.59	-56.64	2.34	9.70	V
	7500	-40.85	-25	-15.85	-69.3	-50.22	2.43	11.80	V
	10008	-33.54	-25	-8.54	-63.31	-43.05	2.70	12.20	V
	12504	-29.75	-25	-4.75	-65.17	-39.35	2.81	12.40	V
									V
									V
									V
Middle	5064	-46.06	-25	-21.06	-68.97	-53.39	2.37	9.70	H
	7596	-40.66	-25	-15.66	-69.02	-50.12	2.40	11.86	H
	10128	-39.31	-25	-14.31	-70.86	-48.87	2.70	12.25	H
	12648	-33.30	-25	-8.30	-70.13	-43.04	2.84	12.58	H
									H
									H
									H
	5064	-49.34	-25	-24.34	-71.11	-56.67	2.37	9.70	V
	7596	-43.36	-25	-18.36	-71.32	-52.82	2.40	11.86	V
	10128	-35.23	-25	-10.23	-65.5	-44.79	2.70	12.25	V
	12648	-29.22	-25	-4.22	-64.82	-38.96	2.84	12.58	V
									V
									V
									V
Highest	5124	-46.42	-25	-21.42	-69.25	-53.71	2.41	9.70	H
	7680	-39.04	-25	-14.04	-67.49	-48.58	2.37	11.91	H
	10248	-38.86	-25	-13.86	-70.56	-48.46	2.69	12.30	H
	12804	-31.13	-25	-6.13	-68.65	-41.01	2.88	12.76	H
									H
									H
									H
	5124	-49.23	-25	-24.23	-71.12	-56.52	2.41	9.70	V
	7680	-41.94	-25	-16.94	-69.88	-51.48	2.37	11.91	V
	10248	-35.84	-25	-10.84	-66.36	-45.44	2.69	12.30	V
	12804	-28.78	-25	-3.78	-64.65	-38.66	2.88	12.76	V
									V
									V
									V

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



LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.96	-25	-23.96	-71.83	-56.32	2.34	9.70	H
	7500	-40.84	-25	-15.84	-69.62	-50.21	2.43	11.80	H
	10008	-38.44	-25	-13.44	-70.04	-47.95	2.70	12.20	H
	12504	-32.69	-25	-7.69	-68.8	-42.29	2.81	12.40	H
									H
									H
									H
	5004	-53.65	-25	-28.65	-75	-61.01	2.34	9.70	V
	7500	-44.61	-25	-19.61	-73.11	-53.98	2.43	11.80	V
	10008	-35.88	-25	-10.88	-65.81	-45.39	2.70	12.20	V
	12504	-31.97	-25	-6.97	-67.34	-41.57	2.81	12.40	V
									V
									V
									V
Middle	5052	-46.98	-25	-21.98	-69.75	-54.31	2.37	9.70	H
	7584	-41.96	-25	-16.96	-70.4	-51.41	2.40	11.85	H
	10116	-40.82	-25	-15.82	-72.47	-50.37	2.70	12.25	H
	12648	-33.48	-25	-8.48	-70.32	-43.22	2.84	12.58	H
									H
									H
									H
	5052	-50.55	-25	-25.55	-72.15	-57.88	2.37	9.70	V
	7584	-45.59	-25	-20.59	-73.6	-55.04	2.40	11.85	V
	10116	-39.10	-25	-14.10	-69.23	-48.65	2.70	12.25	V
	12648	-31.77	-25	-6.77	-67.33	-41.51	2.84	12.58	V
									V
									V
									V
Highest	5112	-49.59	-25	-24.59	-72.24	-56.89	2.40	9.70	H
	7668	-44.23	-25	-19.23	-72.67	-53.76	2.38	11.90	H
	10224	-43.75	-25	-18.75	-75.33	-53.34	2.69	12.29	H
	12780	-33.33	-25	-8.33	-70.86	-43.19	2.87	12.74	H
									H
									H
									H
	5112	-53.01	-25	-28.01	-74.91	-60.31	2.40	9.70	V
	7668	-45.80	-25	-20.80	-73.67	-55.33	2.38	11.90	V
	10224	-40.20	-25	-15.20	-70.6	-49.79	2.69	12.29	V
	12780	-35.18	-25	-10.18	-71.01	-45.04	2.87	12.74	V
									V
									V
									V

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



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.07	-25	-23.07	-70.9	-55.43	2.34	9.70	H
	7500	-40.41	-25	-15.41	-69.2	-49.78	2.43	11.80	H
	10008	-40.48	-25	-15.48	-72.11	-49.99	2.70	12.20	H
	12504	-34.05	-25	-9.05	-70.16	-43.65	2.81	12.40	H
									H
									H
									H
	5004	-50.68	-25	-25.68	-72.06	-58.04	2.34	9.70	V
	7500	-42.95	-25	-17.95	-71.4	-52.32	2.43	11.80	V
	10008	-37.17	-25	-12.17	-67.07	-46.68	2.70	12.20	V
	12504	-30.72	-25	-5.72	-66.16	-40.32	2.81	12.40	V
									V
									V
									V
Middle	5052	-46.79	-25	-21.79	-69.63	-54.12	2.37	9.70	H
	7584	-41.66	-25	-16.66	-70.1	-51.11	2.40	11.85	H
	10104	-42.39	-25	-17.39	-73.99	-51.94	2.70	12.24	H
	12636	-33.90	-25	-8.90	-70.63	-43.62	2.84	12.56	H
									H
									H
									H
	5052	-50.34	-25	-25.34	-71.87	-57.67	2.37	9.70	V
	7584	-44.86	-25	-19.86	-72.88	-54.31	2.40	11.85	V
	10104	-40.23	-25	-15.23	-70.36	-49.78	2.70	12.24	V
	12636	-33.91	-25	-8.91	-69.49	-43.63	2.84	12.56	V
									V
									V
									V
Highest	5100	-56.56	-25	-31.56	-79.55	-63.87	2.39	9.70	H
	7656	-47.60	-25	-22.60	-76.12	-57.11	2.38	11.89	H
	10200	-45.63	-25	-20.63	-77.08	-55.21	2.70	12.28	H
	12756	-38.85	-25	-13.85	-76.35	-48.69	2.87	12.71	H
									H
									H
									H
	5100	-53.13	-25	-28.13	-74.84	-60.44	2.39	9.70	V
	7656	-47.73	-25	-22.73	-75.56	-57.24	2.38	11.89	V
	10200	-36.55	-25	-11.55	-66.78	-46.13	2.70	12.28	V
	12756	-32.62	-25	-7.62	-68.46	-42.46	2.87	12.71	V
									V
									V
									V

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