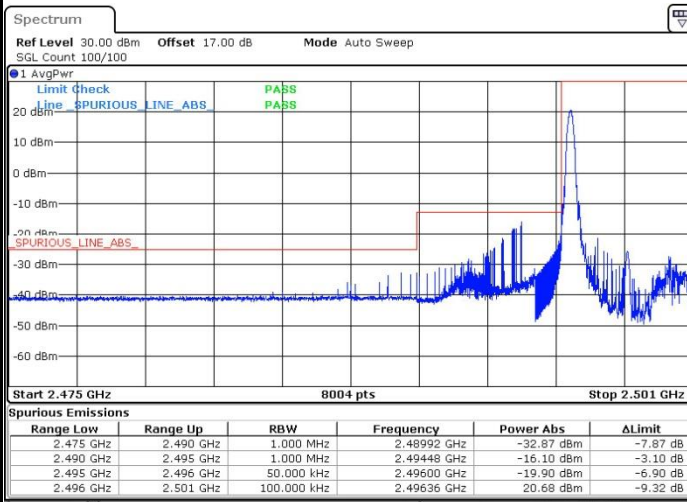




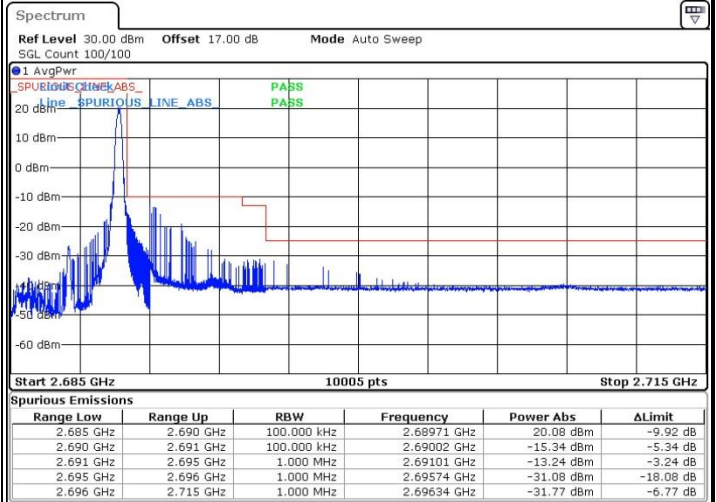
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



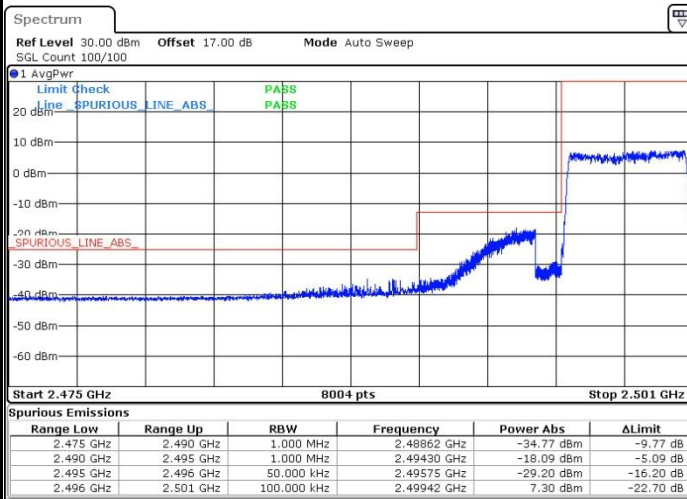
Date: 16.AUG.2015 09:46:07

Highest Band Edge / 1 RB



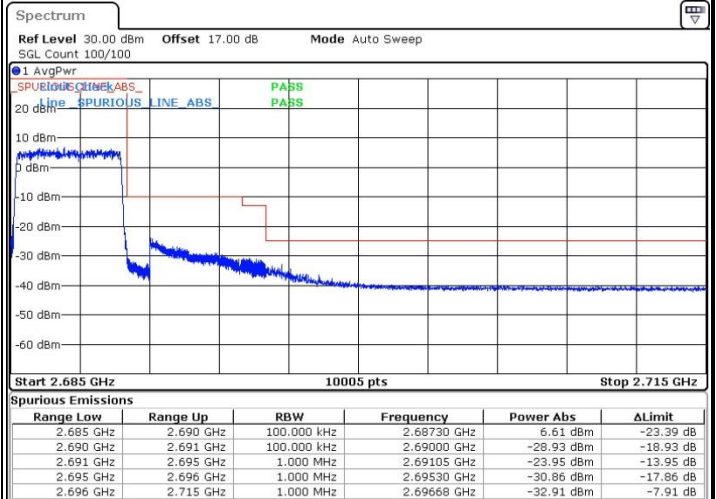
Date: 16.AUG.2015 08:58:08

Lowest Band Edge / Full RB



Date: 16.AUG.2015 08:59:48

Highest Band Edge / Full RB

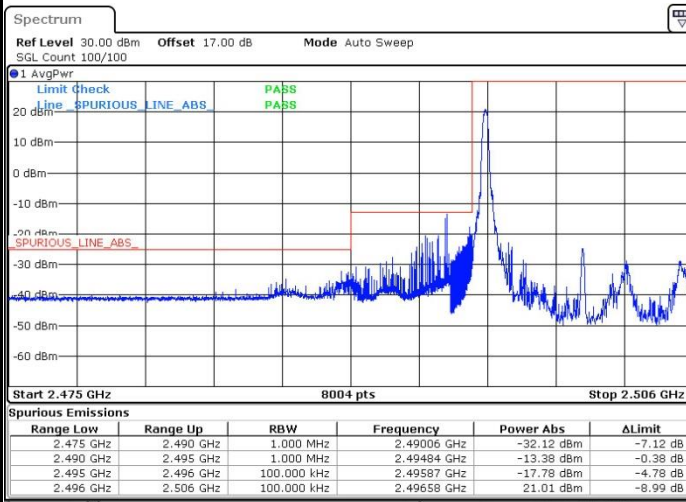


Date: 16.AUG.2015 09:00:28



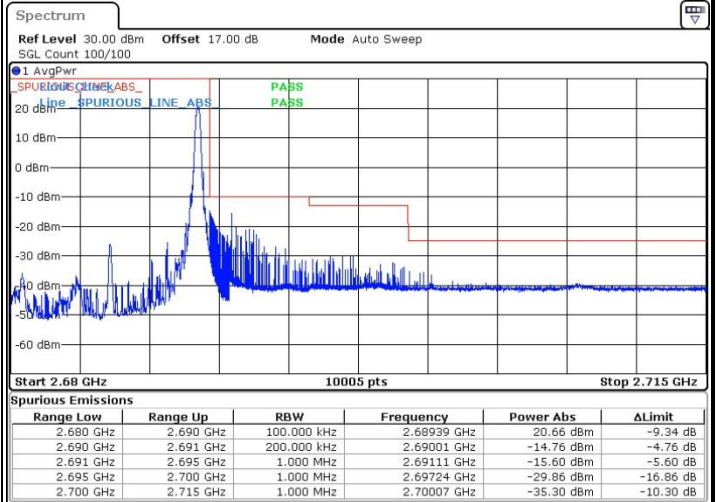
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



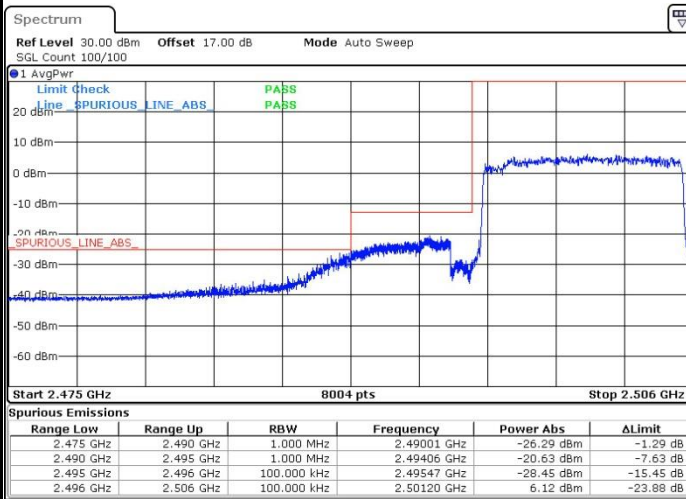
Date: 16.AUG.2015 09:34:08

Highest Band Edge / 1 RB



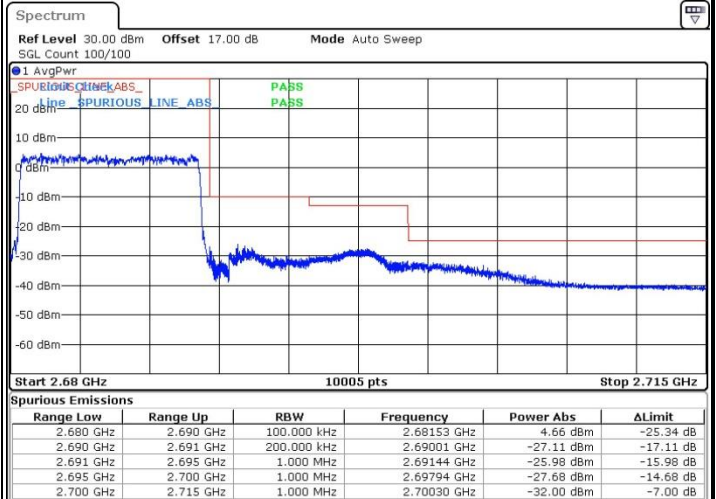
Date: 16.AUG.2015 09:08:04

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:09:44

Highest Band Edge / Full RB

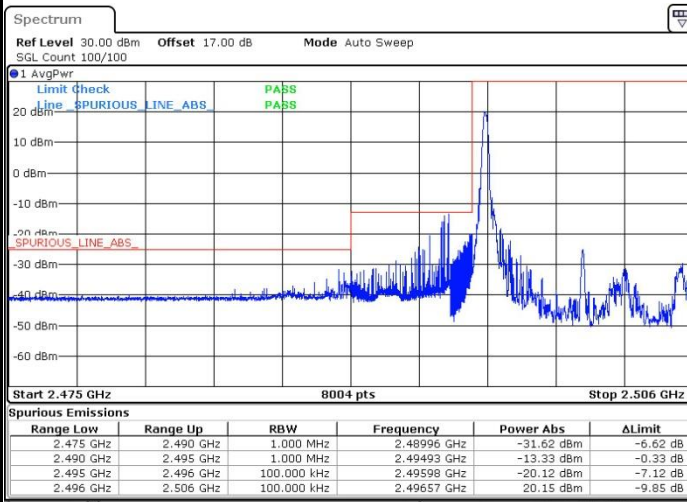


Date: 16.AUG.2015 09:10:24



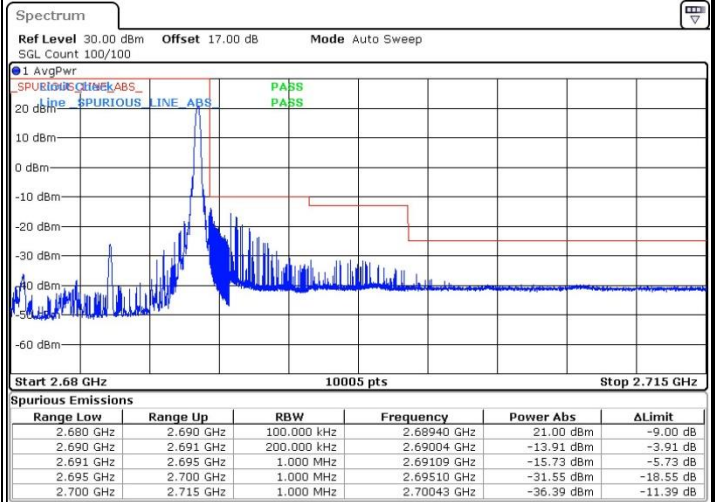
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



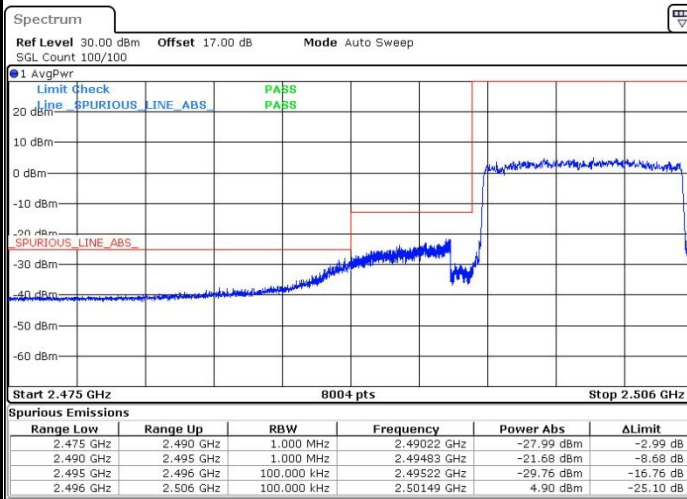
Date: 16.AUG.2015 09:02:48

Highest Band Edge / 1 RB



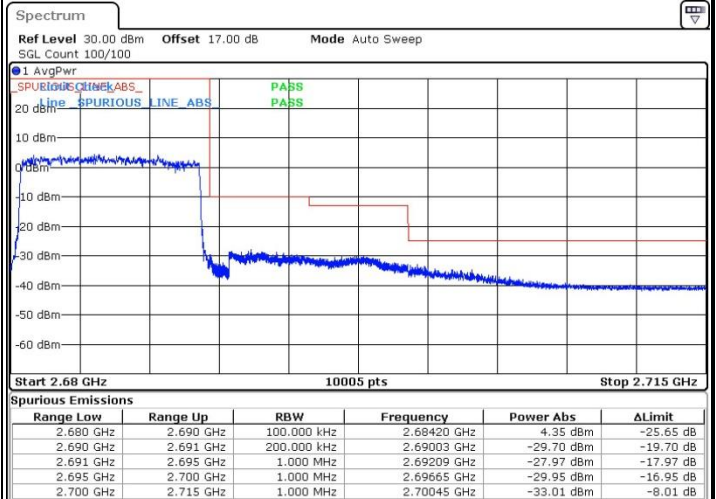
Date: 16.AUG.2015 09:09:14

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:06:54

Highest Band Edge / Full RB

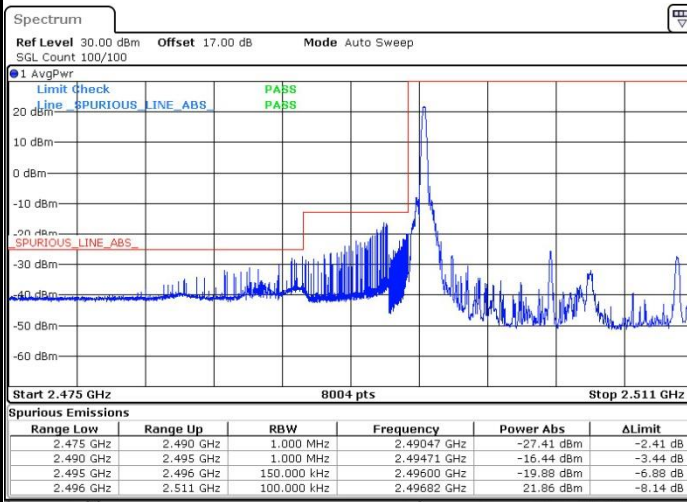


Date: 16.AUG.2015 09:11:34



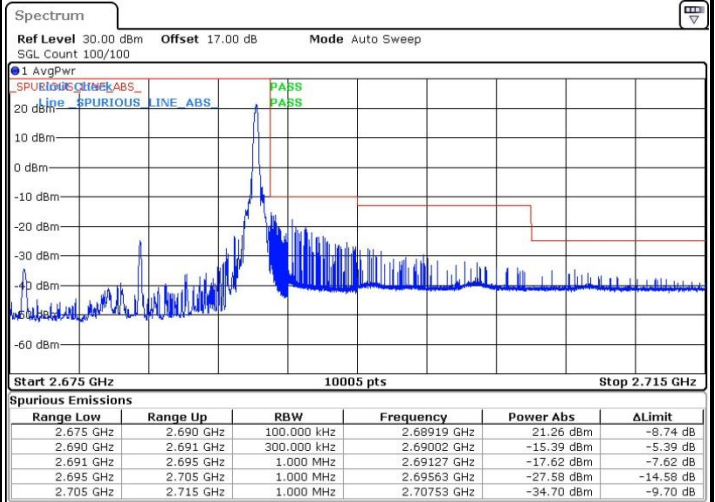
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



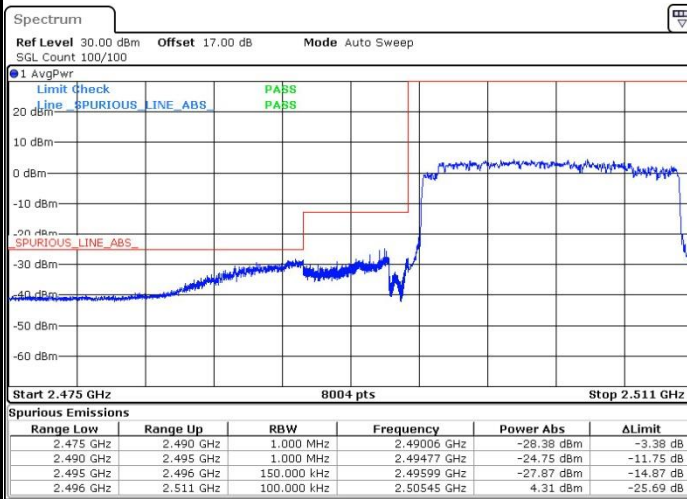
Date: 16.AUG.2015 09:12:44

Highest Band Edge / 1 RB



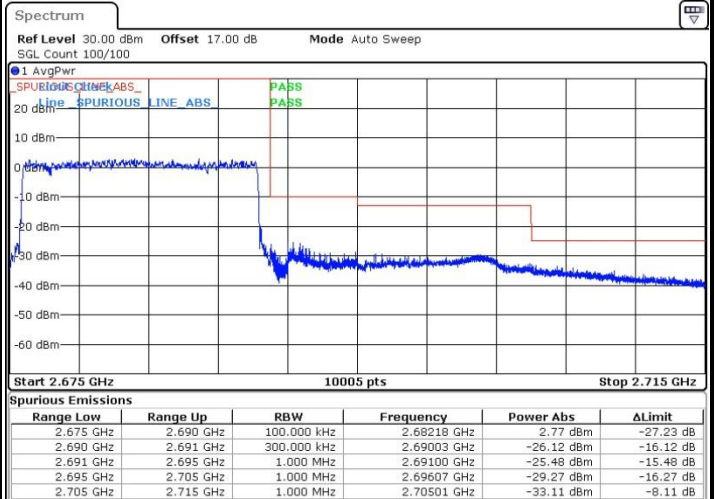
Date: 16.AUG.2015 09:17:24

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:19:04

Highest Band Edge / Full RB

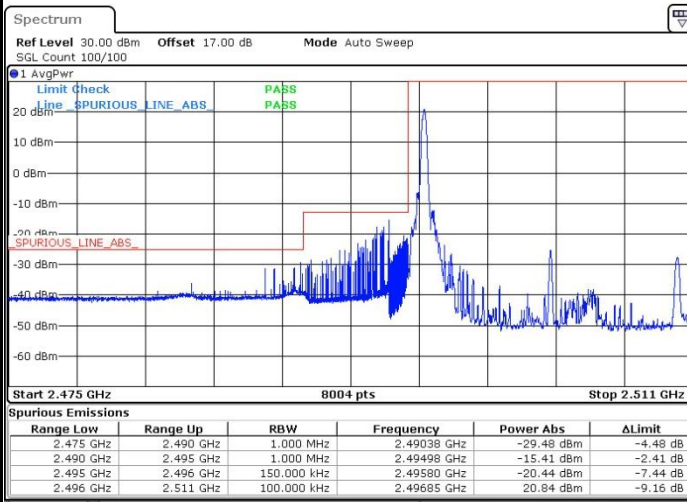


Date: 16.AUG.2015 09:19:44



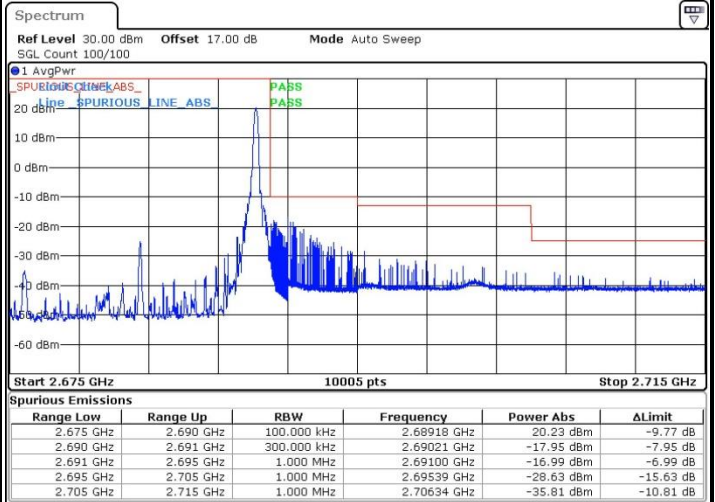
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



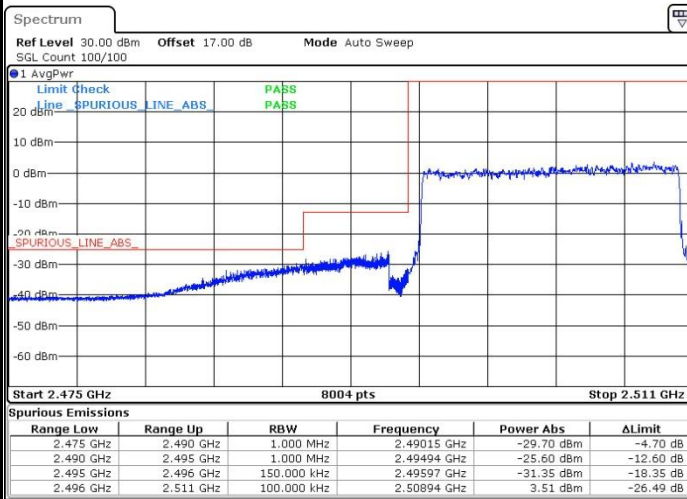
Date: 16.AUG.2015 09:13:54

Highest Band Edge / 1 RB



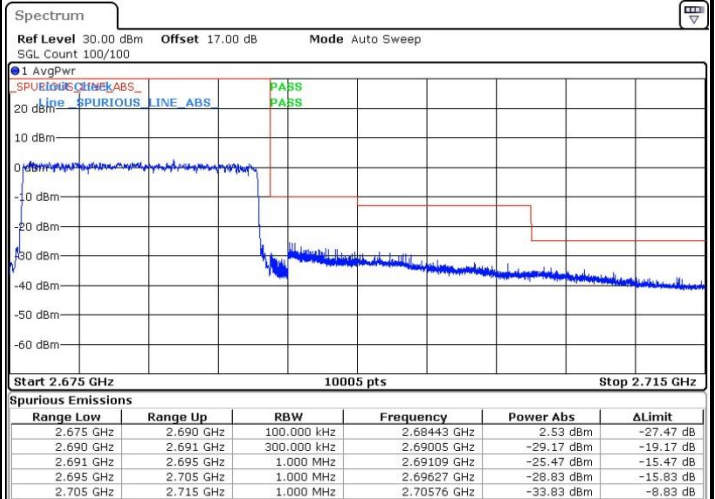
Date: 16.AUG.2015 09:18:34

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:16:14

Highest Band Edge / Full RB

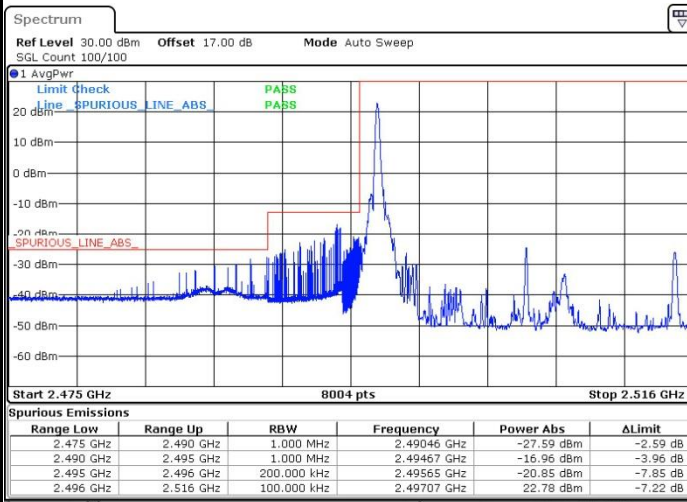


Date: 16.AUG.2015 09:20:54



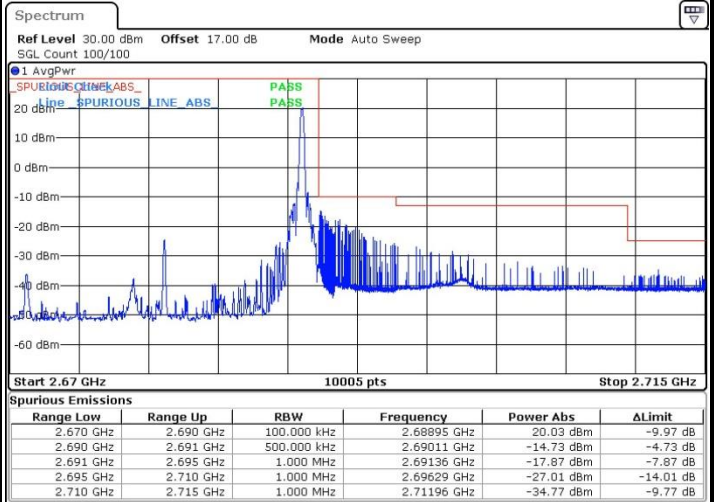
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



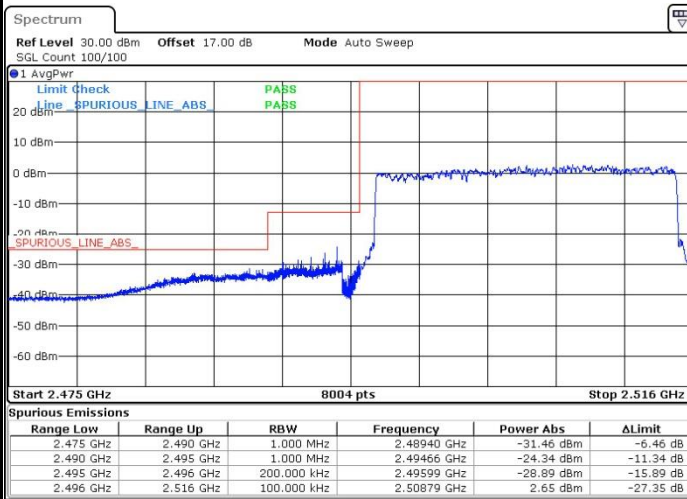
Date: 16.AUG.2015 09:22:04

Highest Band Edge / 1 RB



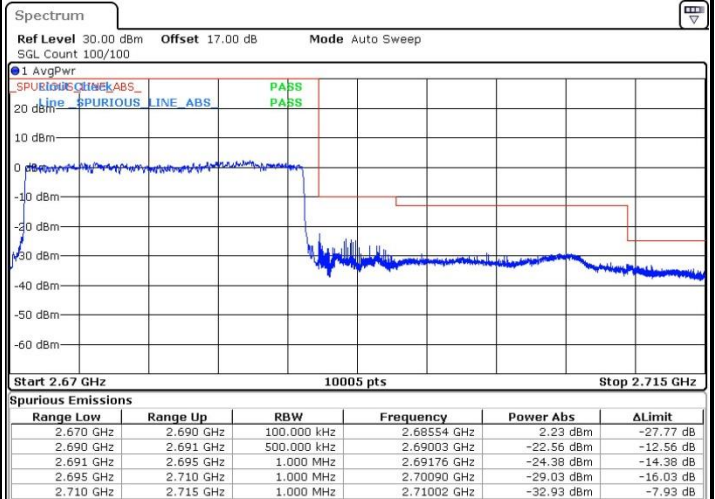
Date: 16.AUG.2015 09:26:43

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:24:24

Highest Band Edge / Full RB

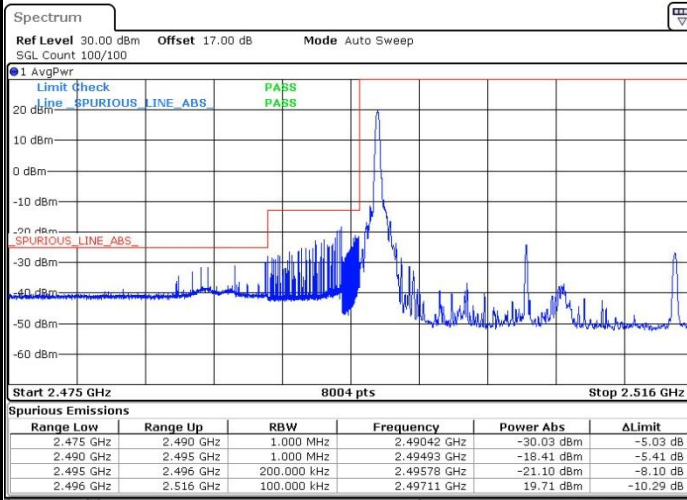


Date: 16.AUG.2015 09:30:13



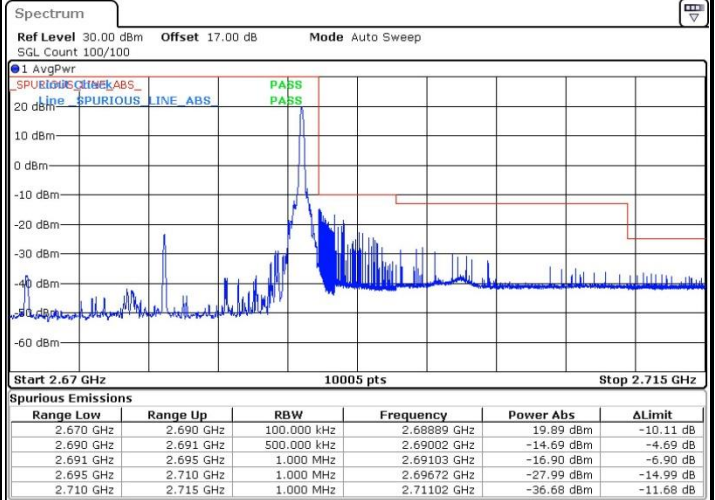
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



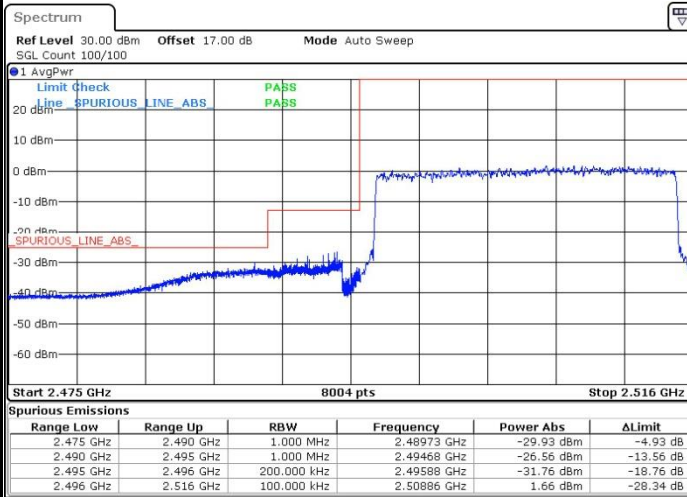
Date: 16.AUG.2015 09:23:14

Highest Band Edge / 1 RB



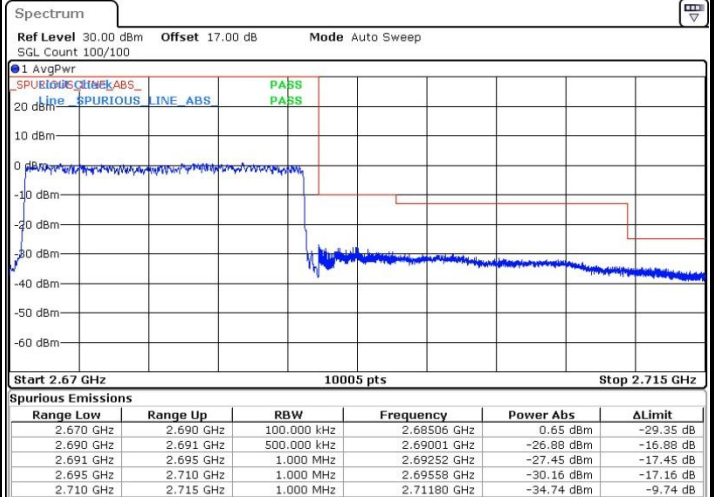
Date: 16.AUG.2015 09:27:53

Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:25:14

Highest Band Edge / Full RB



Date: 16.AUG.2015 09:29:03

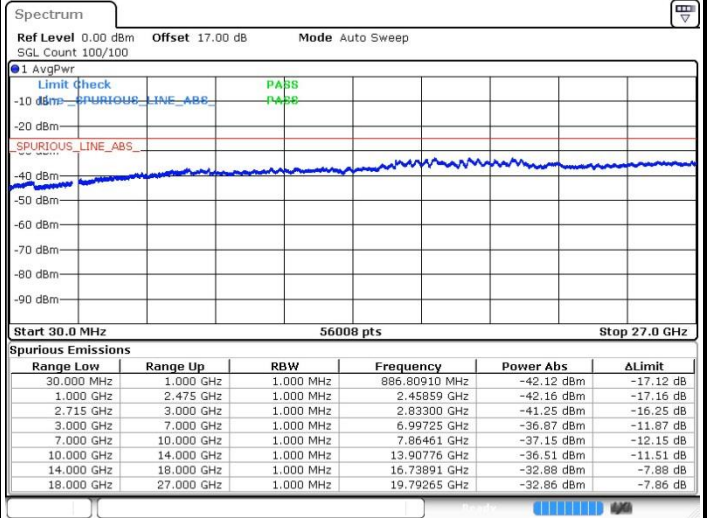
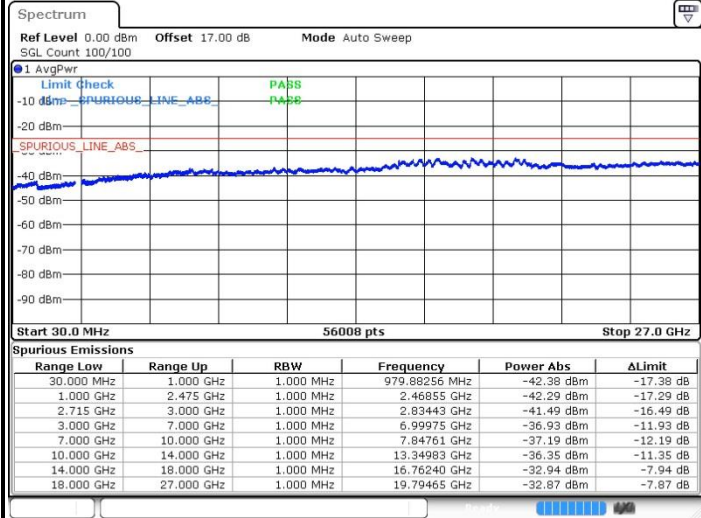


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

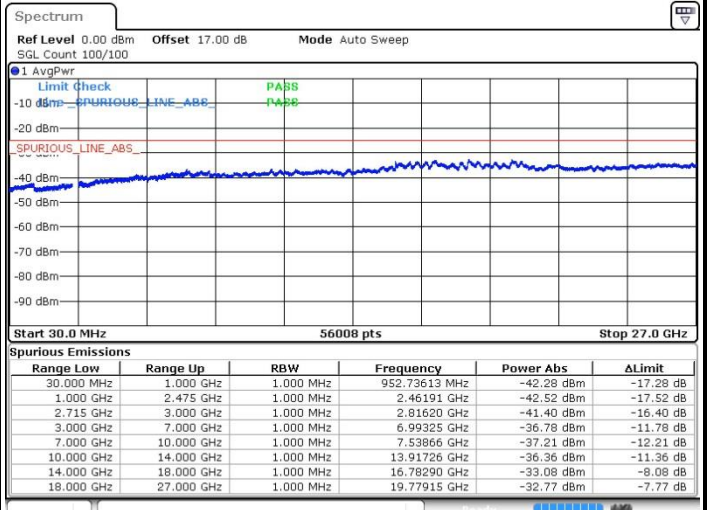
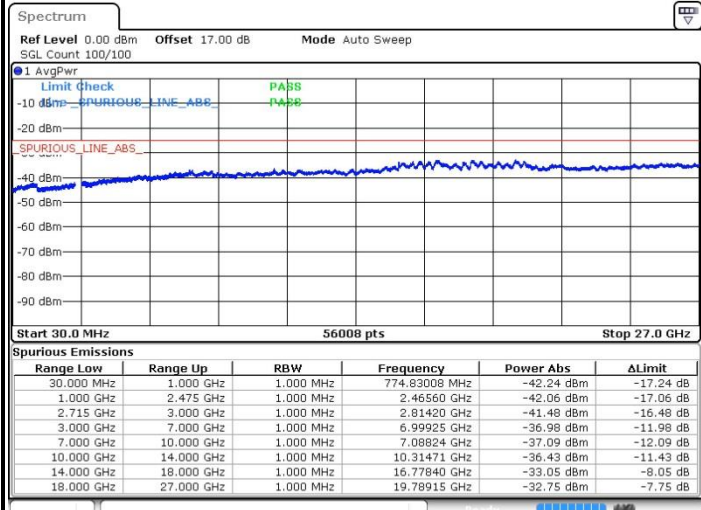


Date: 1.SEP.2015 14:54:50

Date: 1.SEP.2015 14:55:45

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.SEP.2015 14:56:40

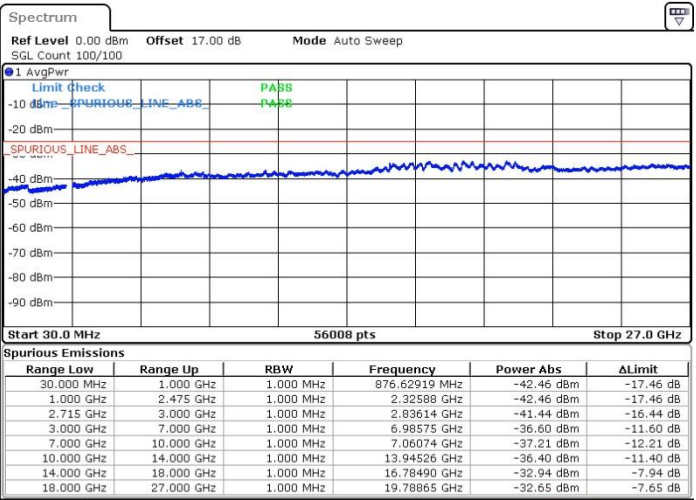
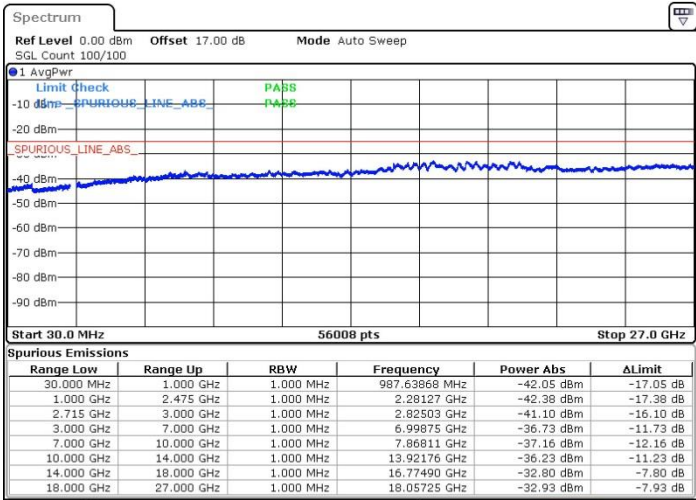
Date: 1.SEP.2015 14:57:35



LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



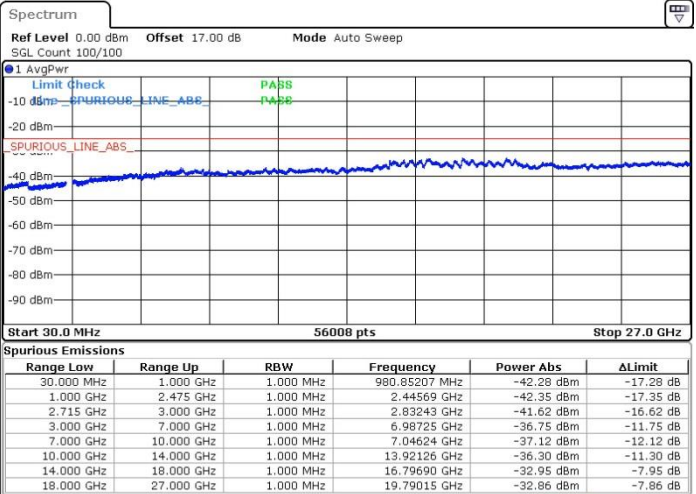
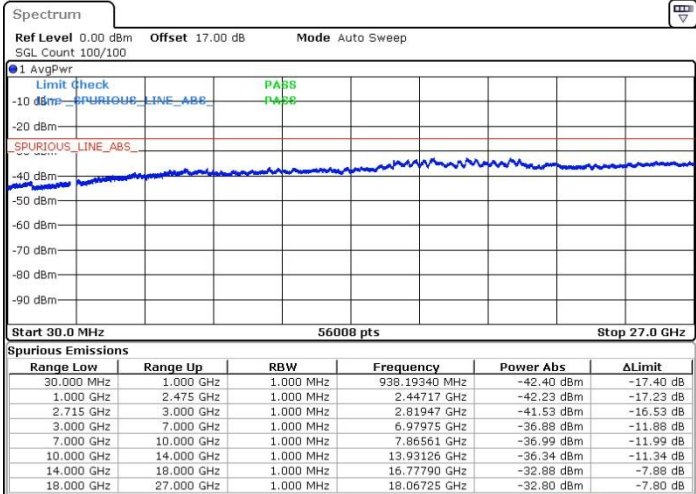
Date: 1.SEP.2015 14:58:30

Date: 1.SEP.2015 14:59:25

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.SEP.2015 15:00:20

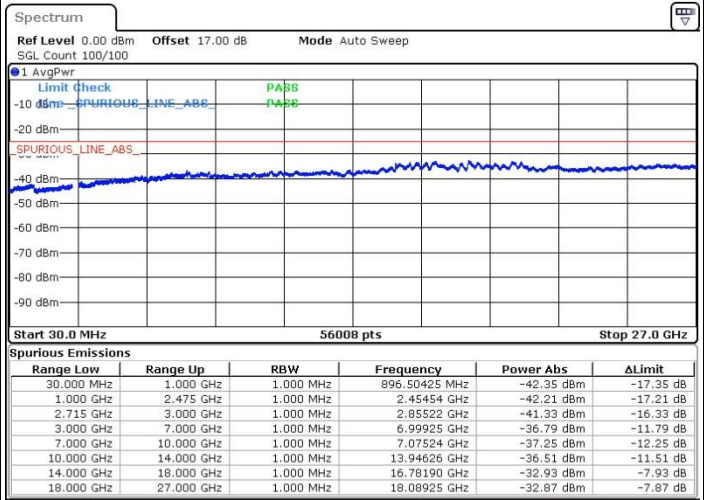
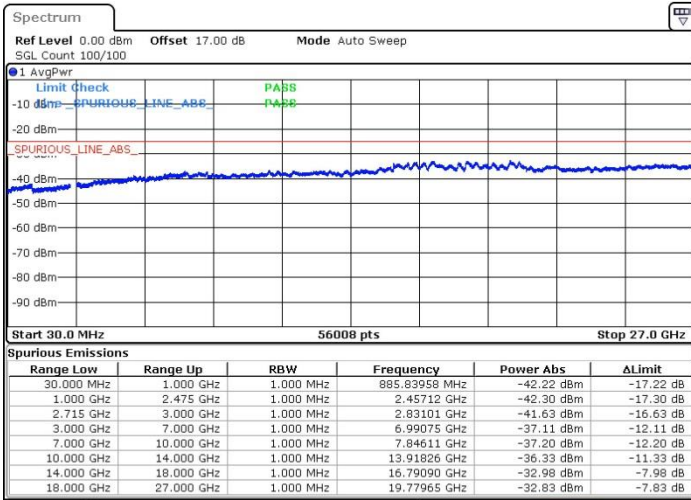
Date: 1.SEP.2015 15:01:14



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

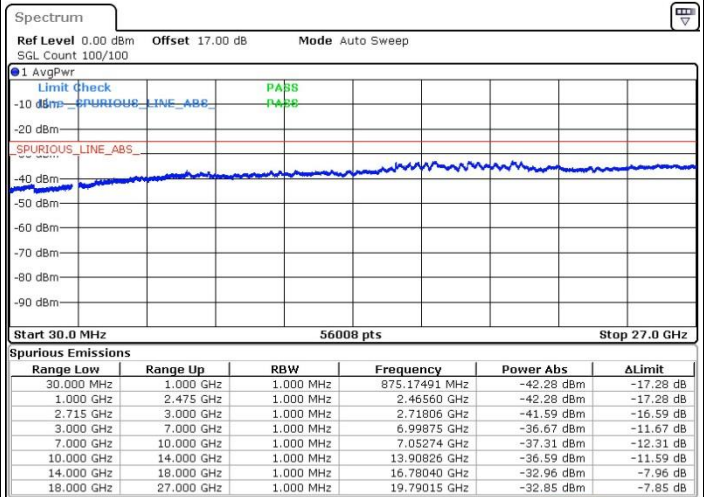
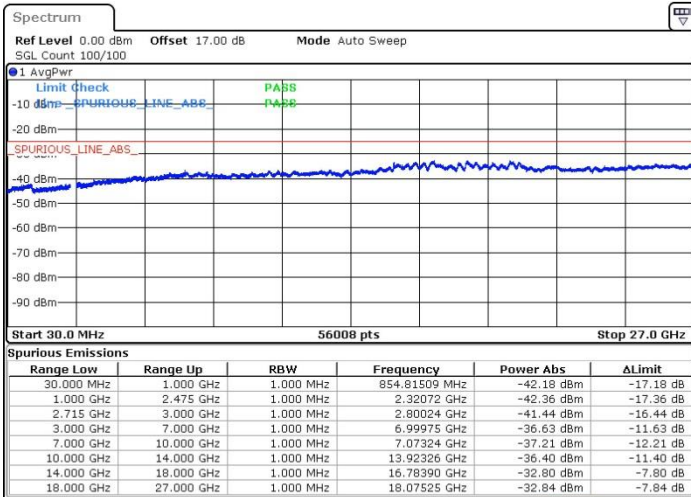


Date: 1.SEP.2015 15:02:09

Date: 1.SEP.2015 15:03:04

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.SEP.2015 15:03:59

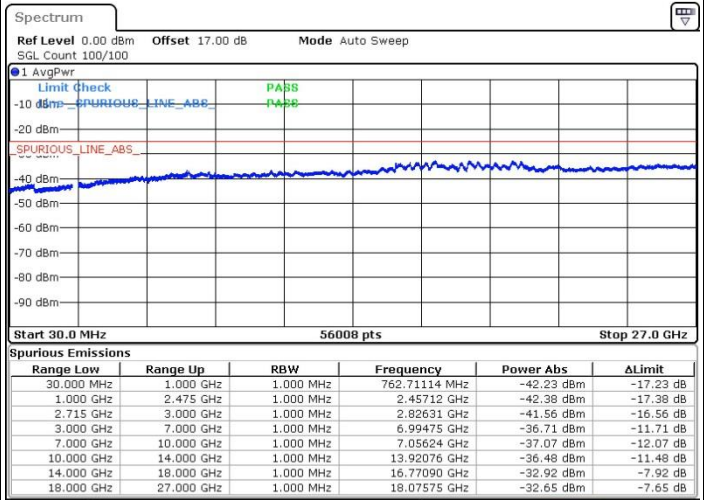
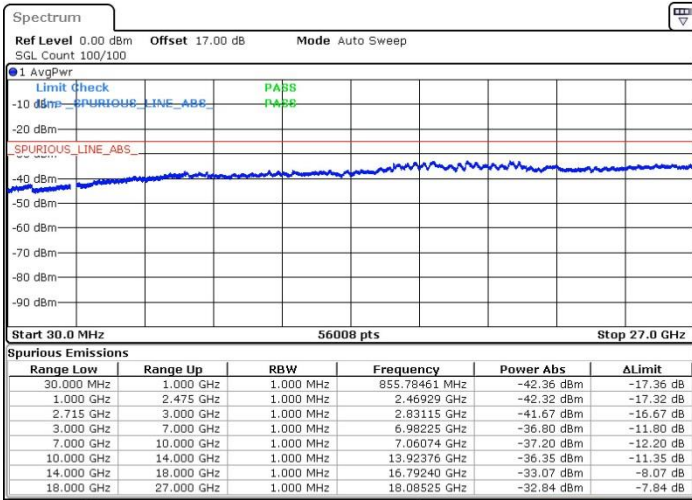
Date: 1.SEP.2015 15:04:54



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

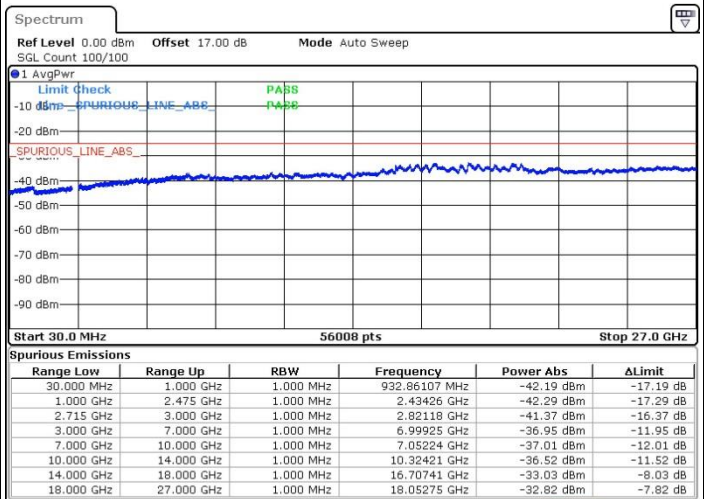
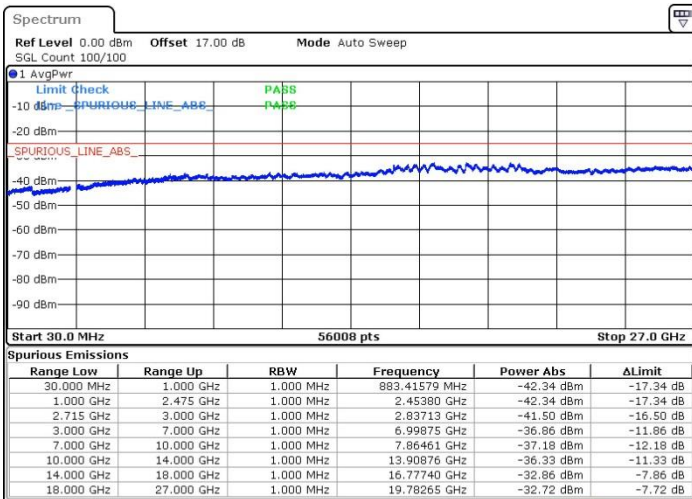


Date: 1.SEP.2015 15:05:49

Date: 1.SEP.2015 15:06:44

Middle Channel / QPSK

Middle Channel / 16QAM



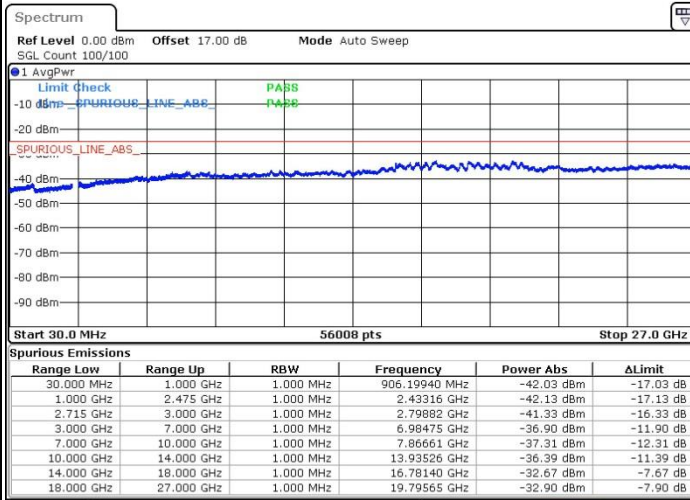
Date: 1.SEP.2015 15:07:39

Date: 1.SEP.2015 15:08:34



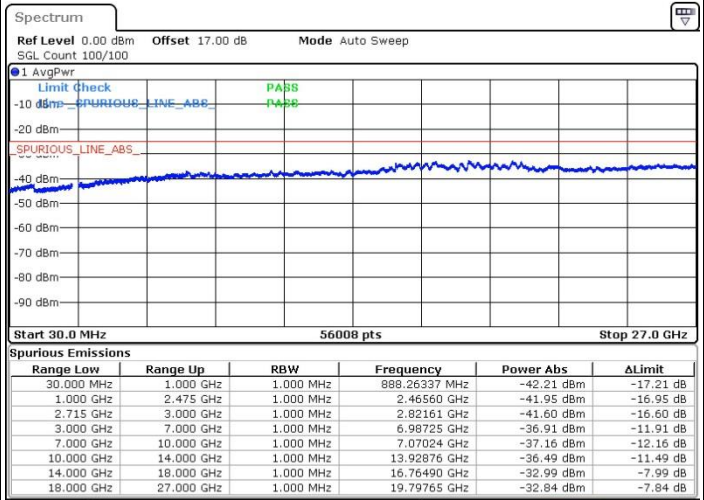
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 1.SEP.2015 15:09:29

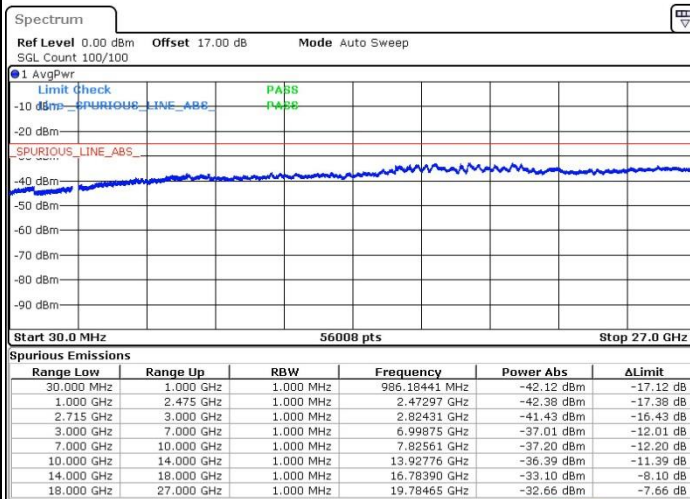
Highest Channel / 16QAM



Date: 1.SEP.2015 15:10:24

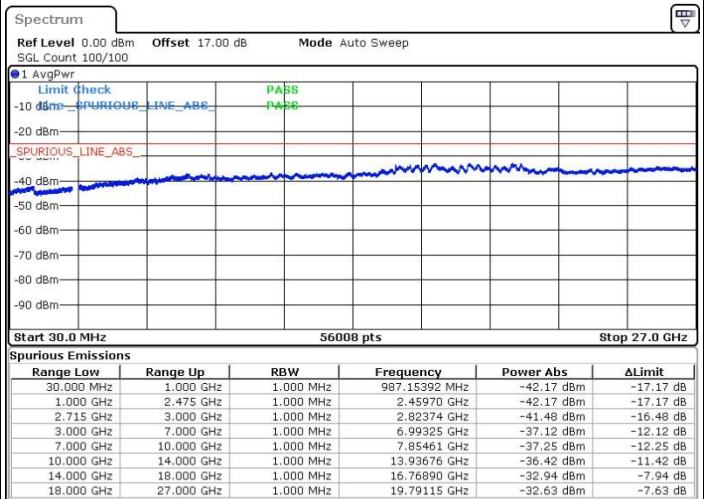
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 1.SEP.2015 15:11:19

Lowest Channel / 16QAM



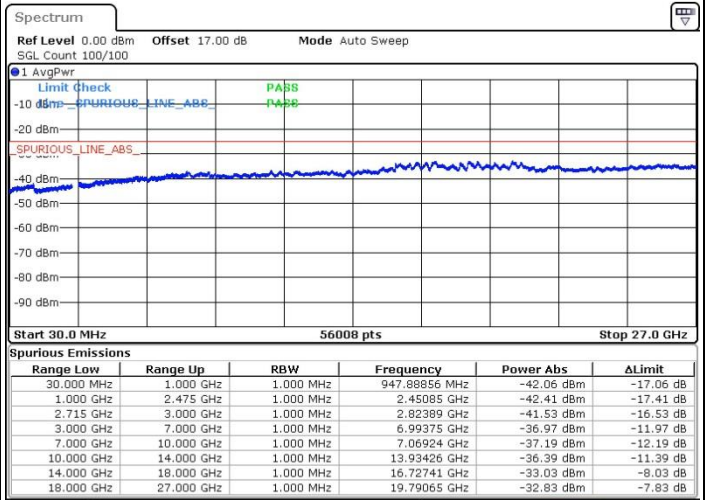
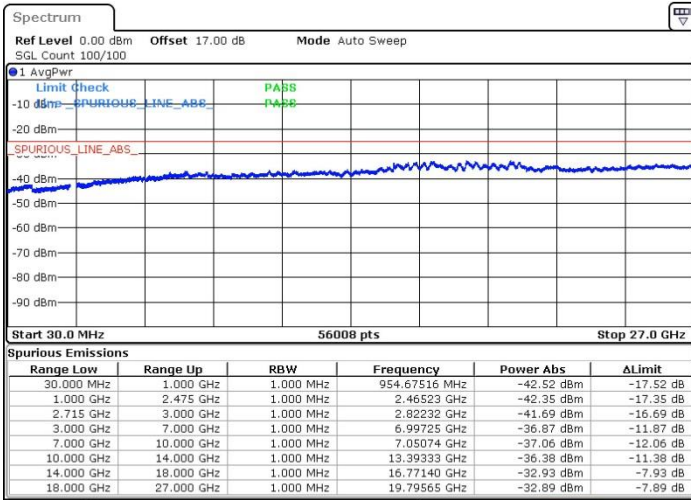
Date: 1.SEP.2015 15:12:13



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

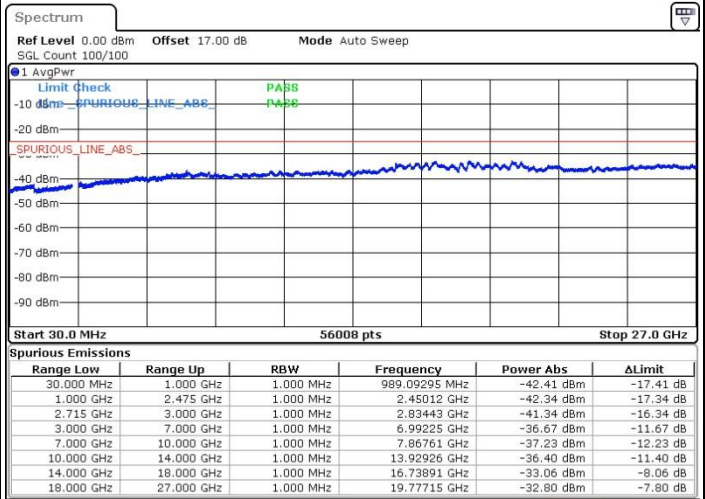
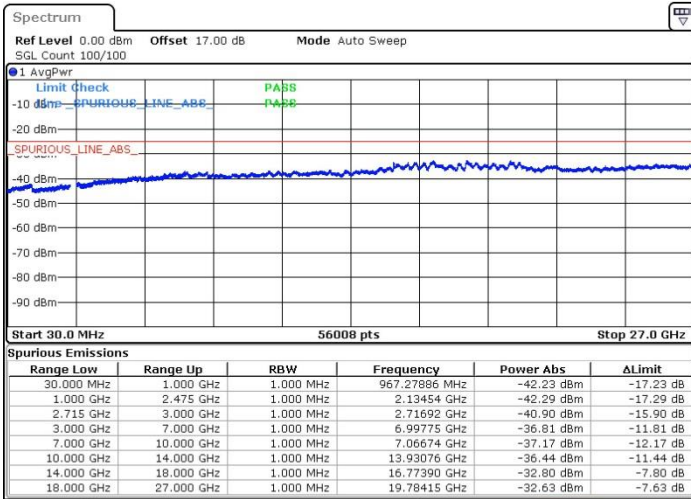


Date: 1.SEP.2015 15:13:08

Date: 1.SEP.2015 15:14:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.SEP.2015 15:14:58

Date: 1.SEP.2015 15:15:53



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.61	0.0726	7.51	0.0056
Middle		1	0	18.58	0.0721	7.90	0.0062
Highest		1	0	17.66	0.0583	7.35	0.0054
Lowest	16QAM	1	0	17.82	0.0605	6.83	0.0048
Middle		1	0	17.72	0.0592	6.87	0.0049
Highest		1	0	16.83	0.0482	6.52	0.0045
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.64	0.0731	7.72	0.0059
Middle		1	0	18.60	0.0724	8.09	0.0064
Highest		1	0	18.06	0.0640	7.81	0.0060
Lowest	16QAM	1	7	18.04	0.0637	7.25	0.0053
Middle		1	7	17.99	0.0630	7.12	0.0052
Highest		1	7	16.94	0.0494	6.70	0.0047
Limit	ERP < 7W			Result		PASS	