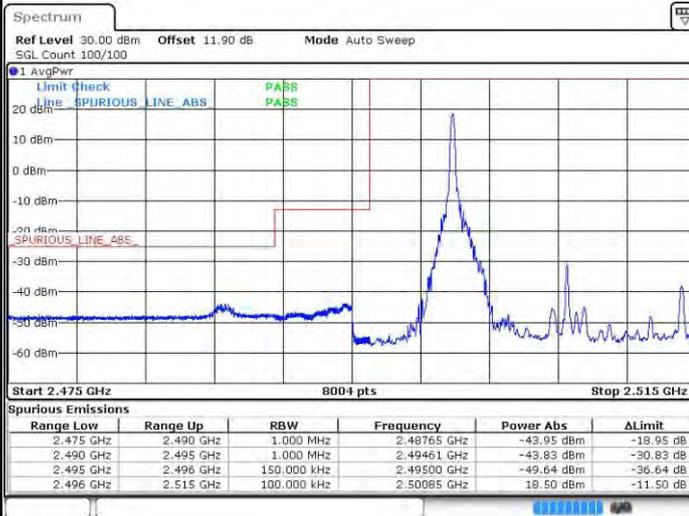




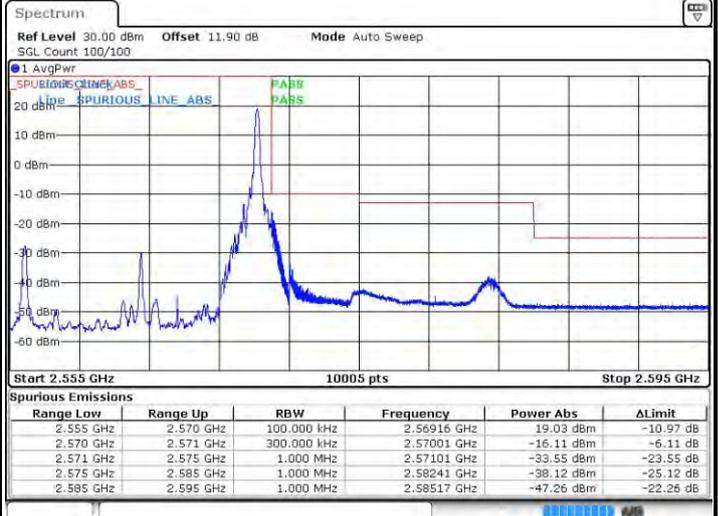
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 28.OCT.2015 19:58:38

Highest Band Edge / 1 RB



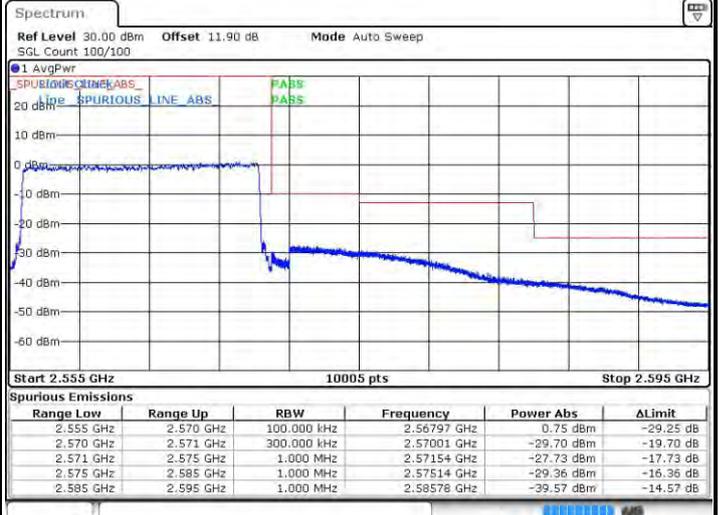
Date: 28.OCT.2015 20:03:18

Lowest Band Edge / Full RB



Date: 28.OCT.2015 20:00:58

Highest Band Edge / Full RB

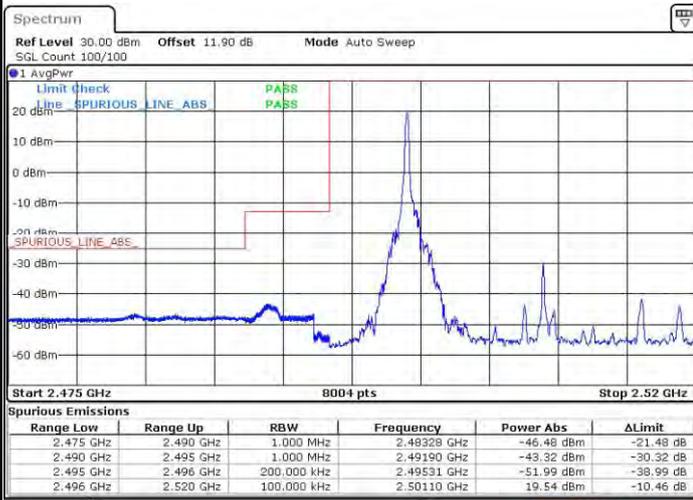


Date: 28.OCT.2015 20:05:38



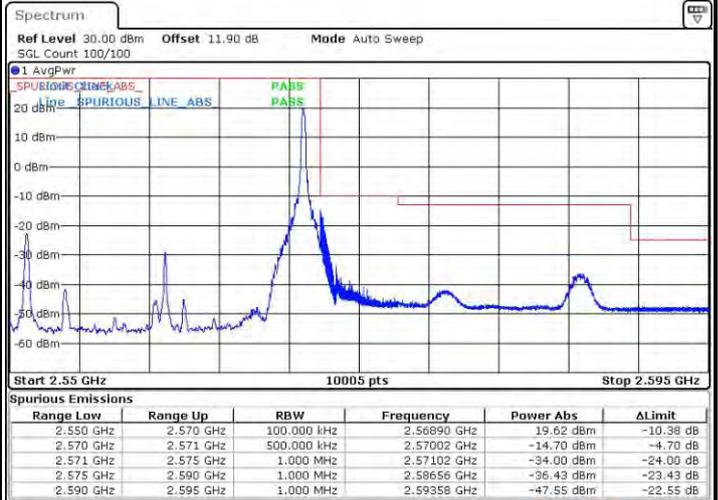
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



Date: 28.OCT.2015 20:06:48

Highest Band Edge / 1 RB



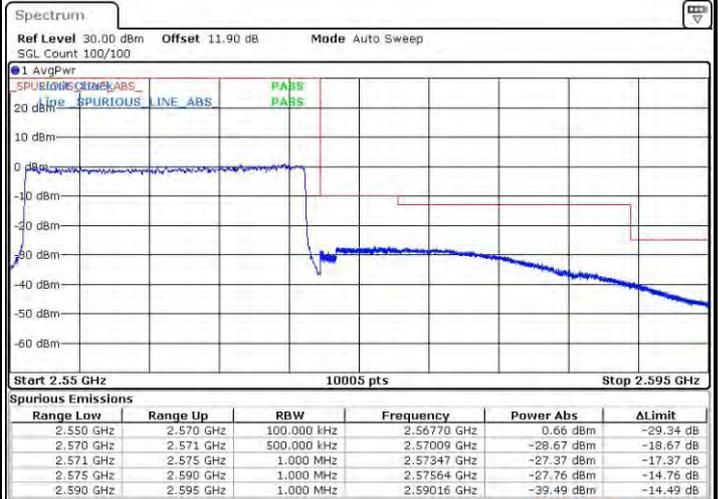
Date: 28.OCT.2015 20:22:49

Lowest Band Edge / Full RB



Date: 28.OCT.2015 20:20:30

Highest Band Edge / Full RB

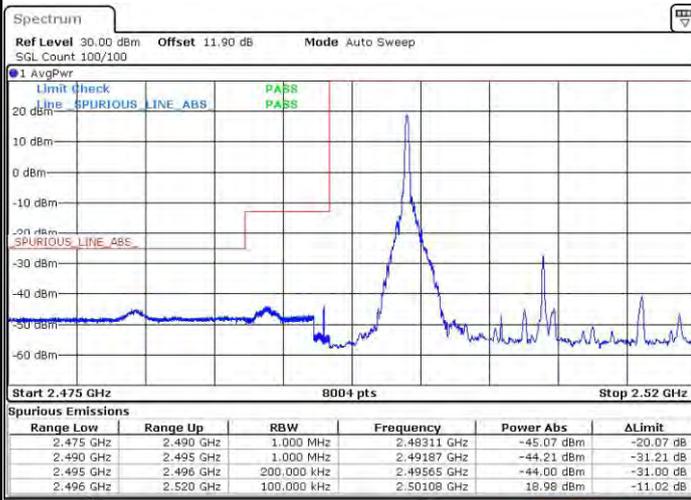


Date: 28.OCT.2015 20:26:19



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



Date: 28.OCT.2015 20:19:20

Highest Band Edge / 1RB



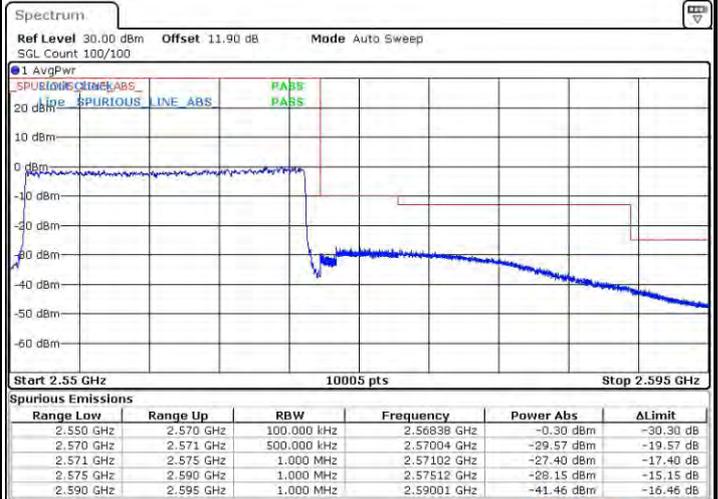
Date: 28.OCT.2015 20:23:59

Lowest Band Edge / Full RB



Date: 28.OCT.2015 20:21:39

Highest Band Edge / Full RB



Date: 28.OCT.2015 20:25:09



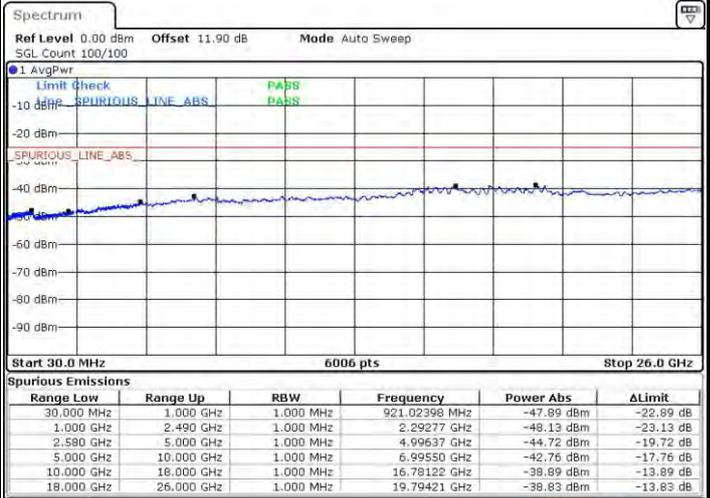
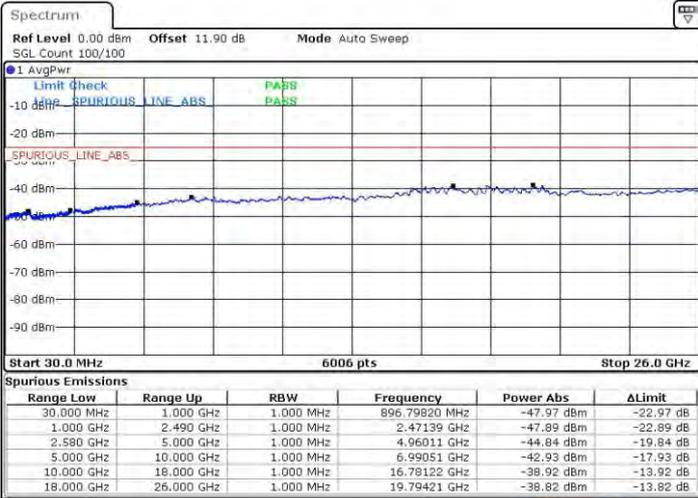
**Conducted Spurious Emission**



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

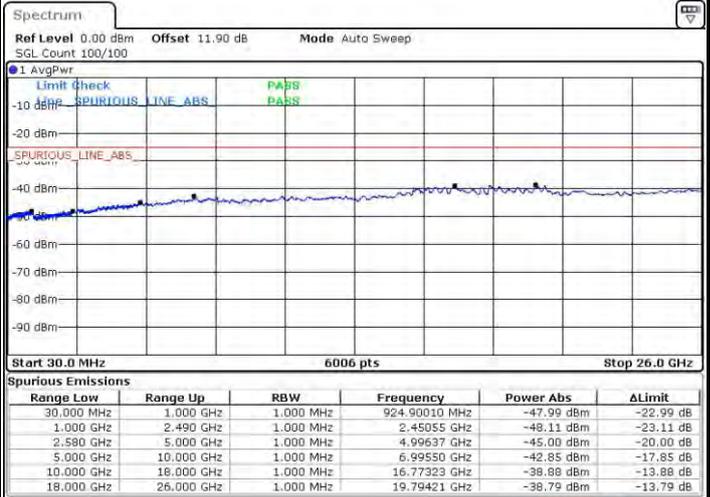
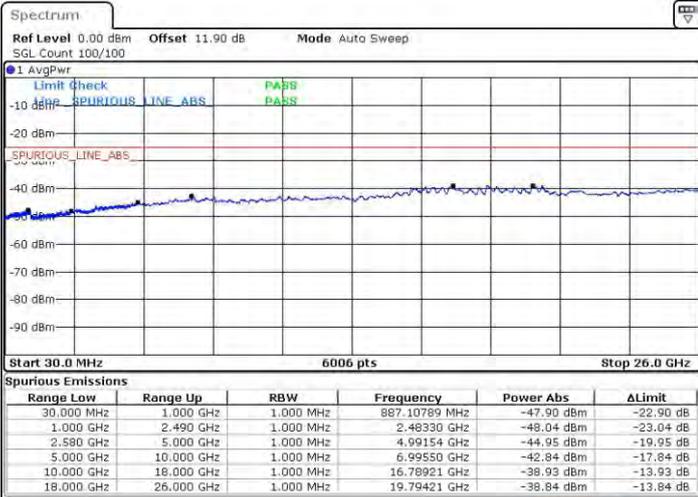


Date: 28.OCT.2015 19:13:22

Date: 28.OCT.2015 19:14:16

Middle Channel / QPSK

Middle Channel / 16QAM



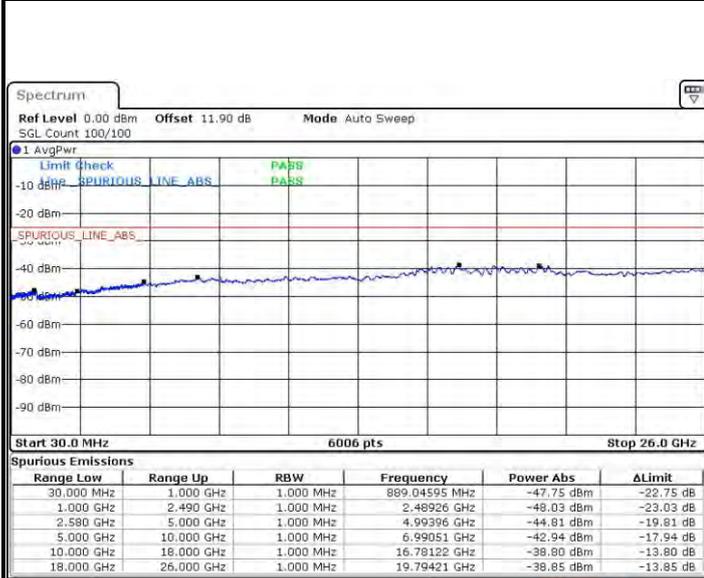
Date: 28.OCT.2015 19:15:10

Date: 28.OCT.2015 19:16:04



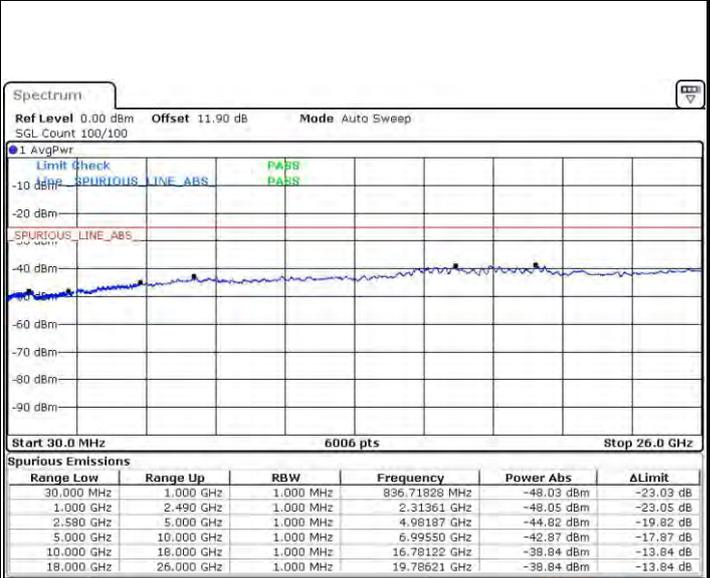
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 28.OCT.2015 19:16:58

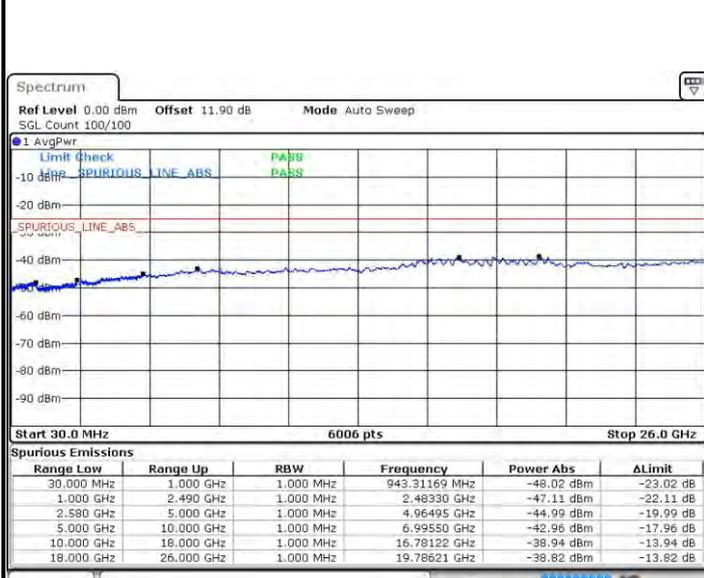
Highest Channel / 16QAM



Date: 28.OCT.2015 19:17:52

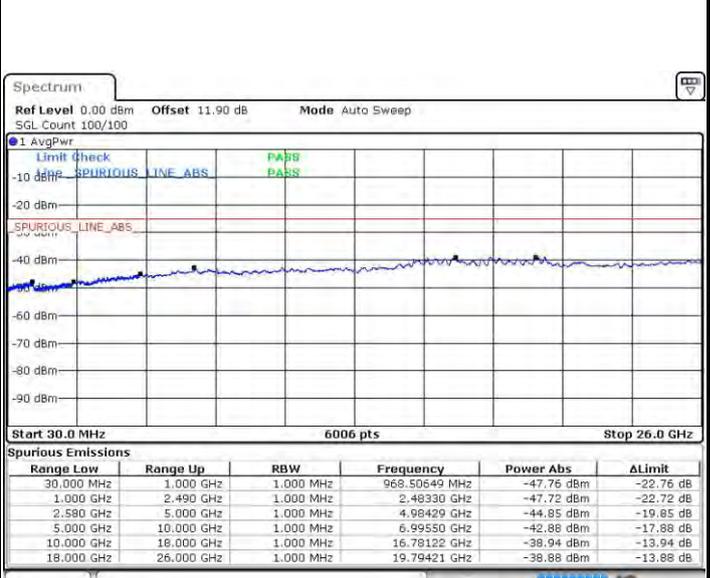
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 28.OCT.2015 19:18:45

Lowest Channel / 16QAM



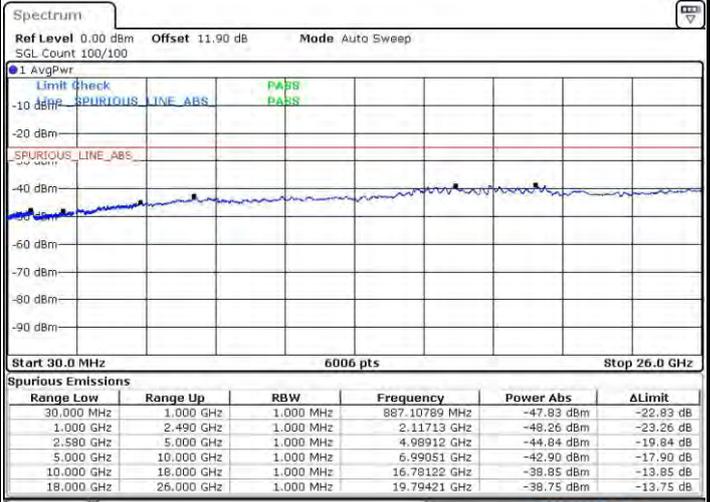
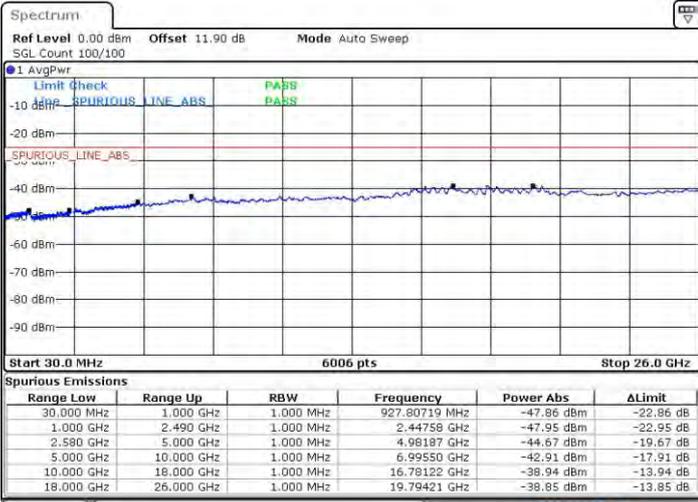
Date: 28.OCT.2015 19:19:40



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

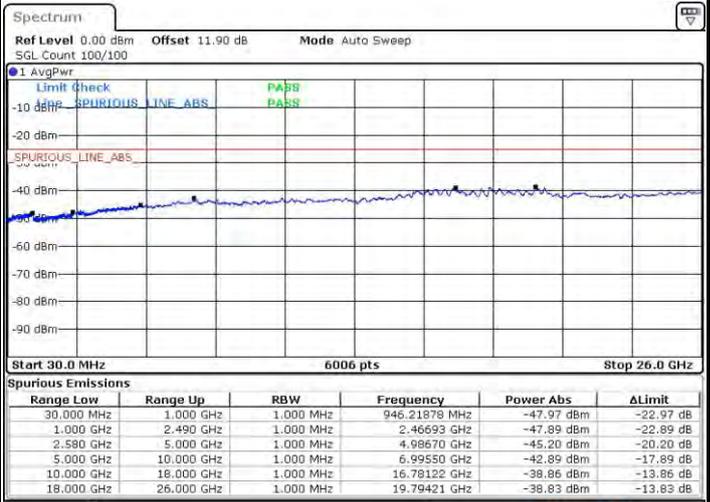
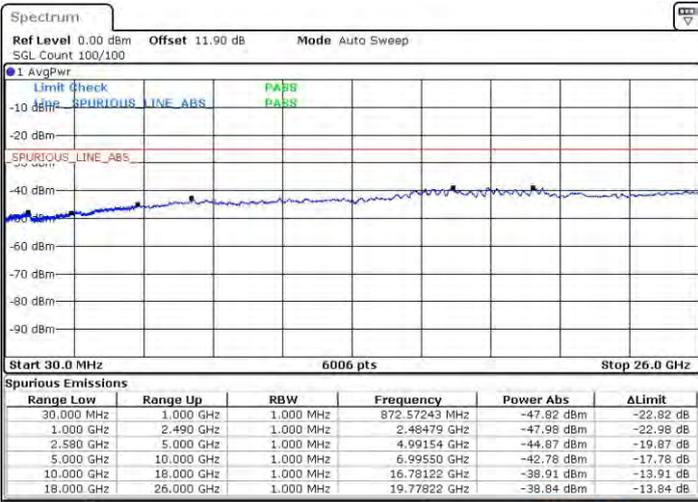


Date: 28.OCT.2015 19:20:34

Date: 28.OCT.2015 19:21:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.OCT.2015 19:22:22

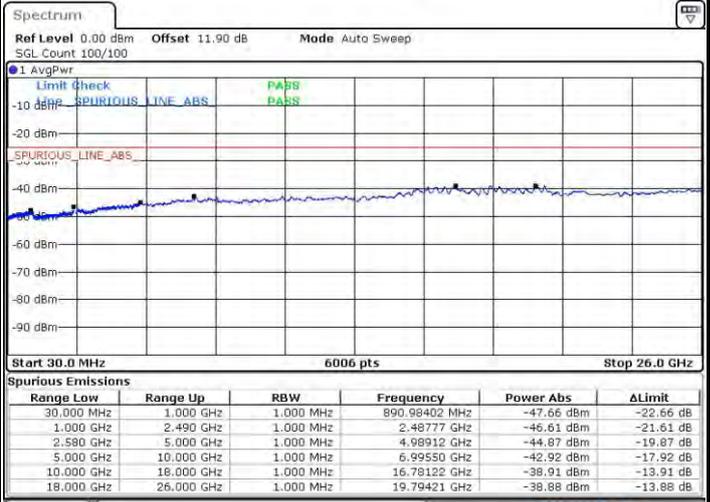
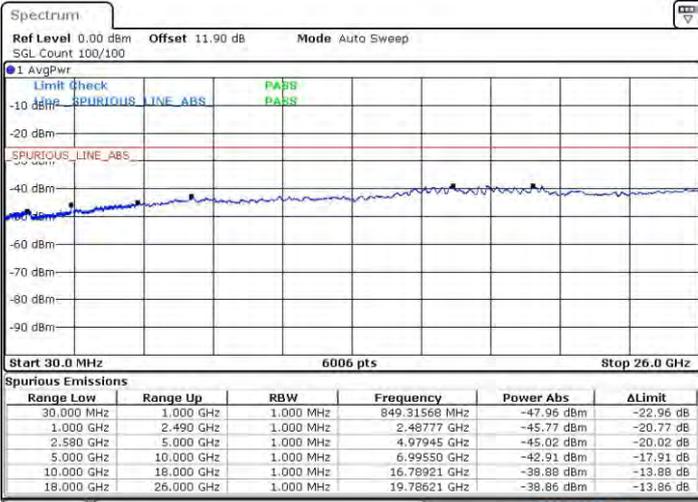
Date: 28.OCT.2015 19:23:16



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

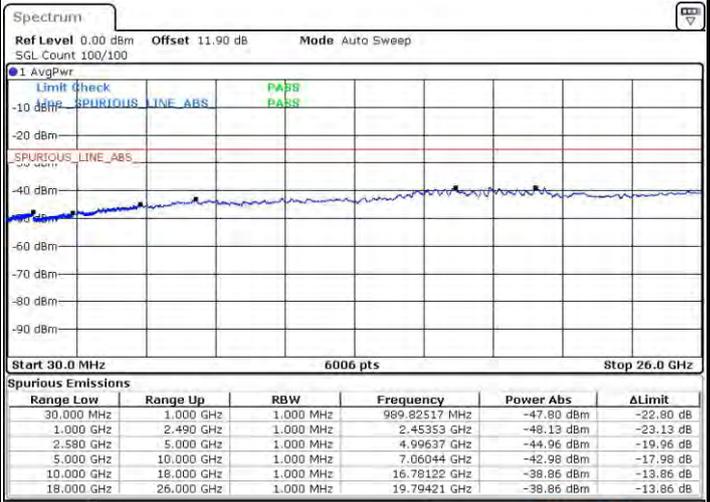
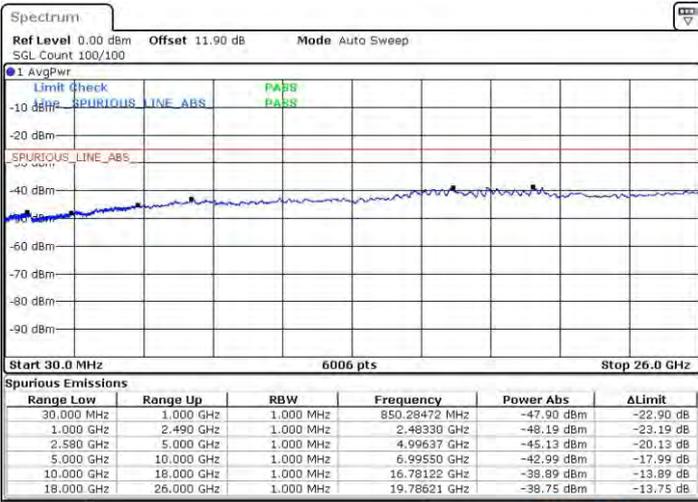


Date: 28.OCT.2015 19:24:10

Date: 28.OCT.2015 19:25:04

Middle Channel / QPSK

Middle Channel / 16QAM



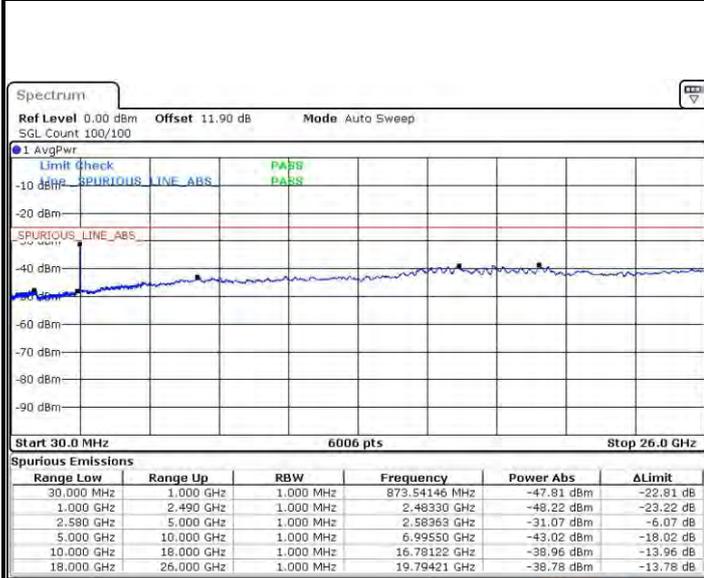
Date: 28.OCT.2015 19:25:58

Date: 28.OCT.2015 19:26:52



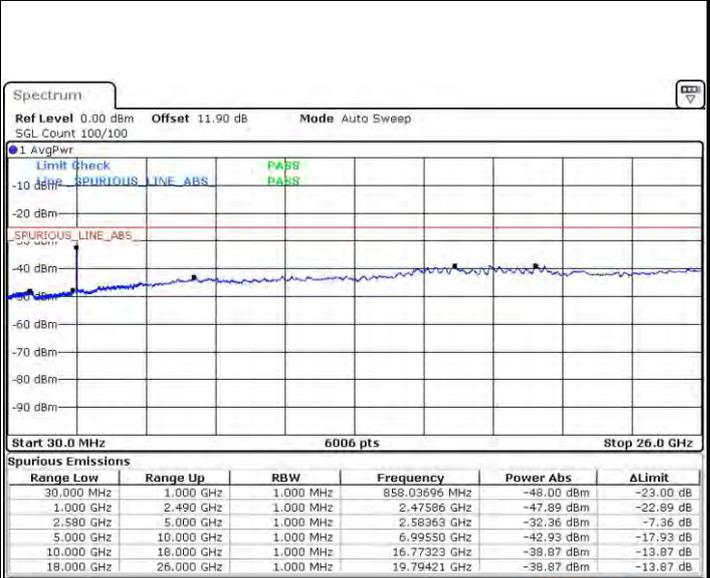
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 28.OCT.2015 19:27:46

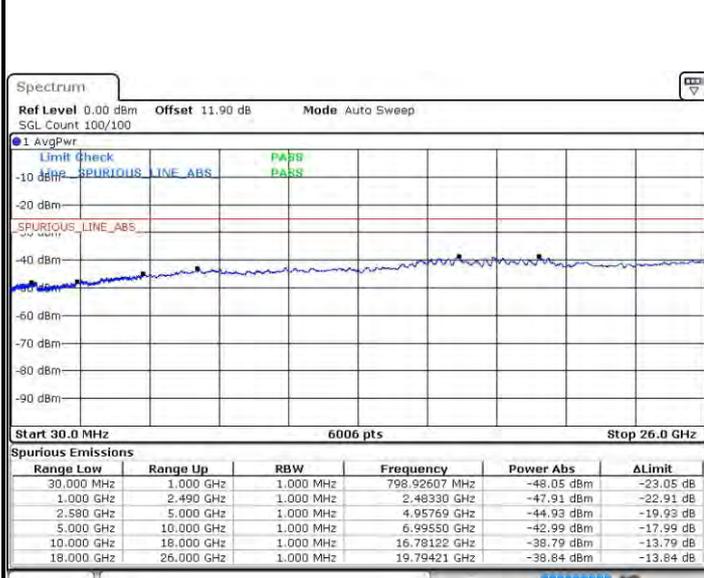
Highest Channel / 16QAM



Date: 28.OCT.2015 19:28:40

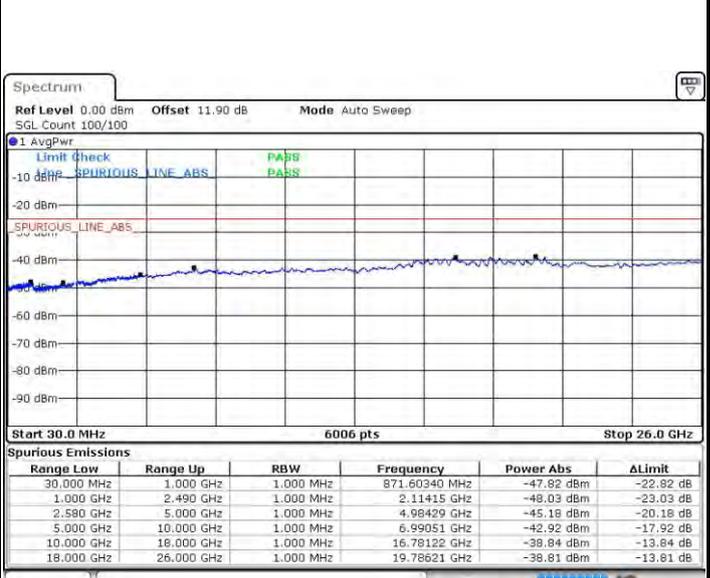
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 28.OCT.2015 19:29:34

Lowest Channel / 16QAM



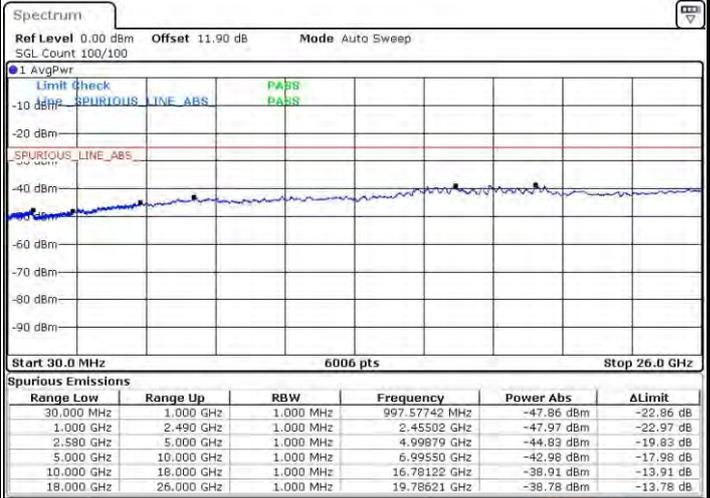
Date: 28.OCT.2015 19:30:28



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

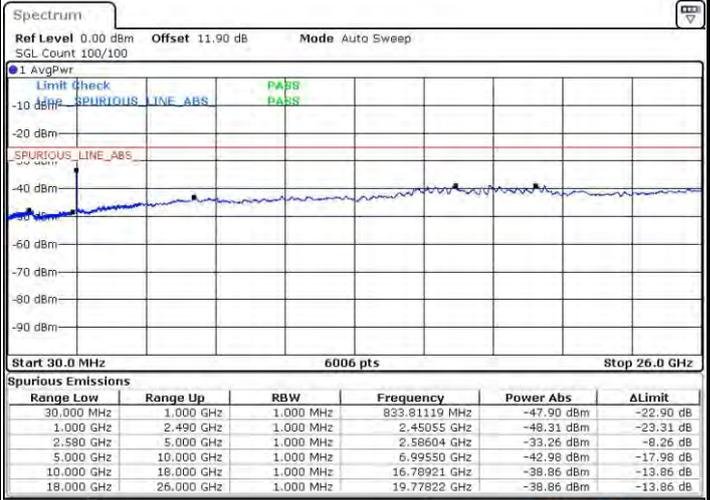


Date: 28.OCT.2015 19:31:22

Date: 28.OCT.2015 19:32:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28.OCT.2015 19:33:10

Date: 28.OCT.2015 19:34:05



**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	0.0008	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

**Note:**

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



## LTE Band 12

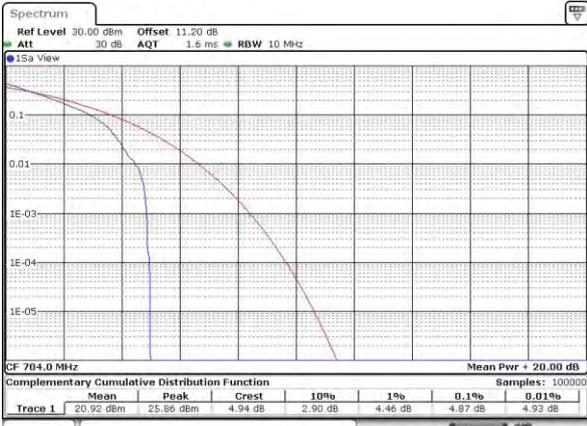
### Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.87	5.57	5.77	6.41	PASS
Middle CH	4.67	5.77	5.65	6.41	
Highest CH	4.93	5.57	5.74	6.38	



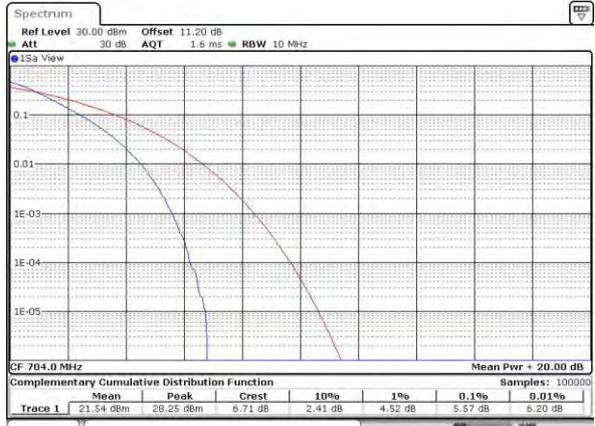
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 1.NOV.2015 16:29:27

Lowest Channel / Full RB



Date: 1.NOV.2015 16:29:06

Middle Channel / 1RB



Date: 1.NOV.2015 16:29:41

Middle Channel / Full RB



Date: 1.NOV.2015 16:29:51

Highest Channel / 1RB



Date: 1.NOV.2015 16:31:29

Highest Channel / Full RB

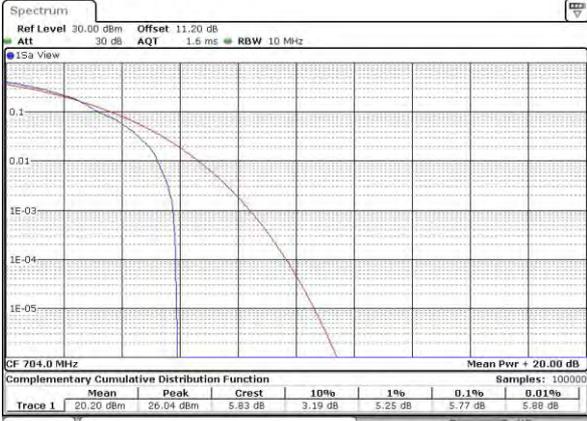


Date: 1.NOV.2015 16:30:52



LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



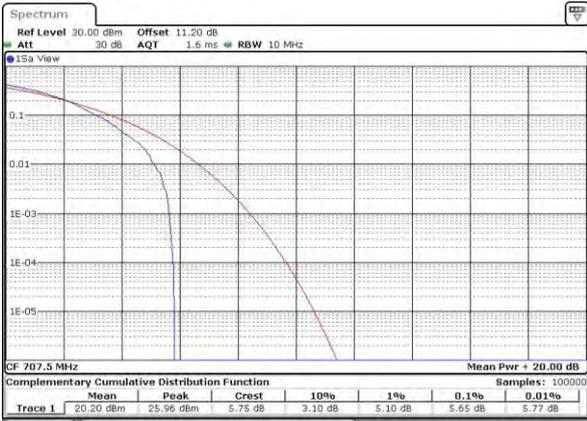
Date: 1.NOV.2015 16:27:24

Lowest Channel / Full RB



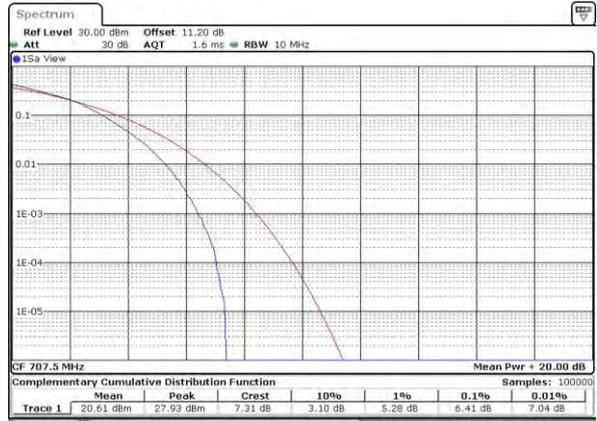
Date: 1.NOV.2015 16:27:09

Middle Channel / 1RB



Date: 1.NOV.2015 16:27:46

Middle Channel / Full RB



Date: 1.NOV.2015 16:27:57

Highest Channel / 1RB



Date: 1.NOV.2015 16:28:36

Highest Channel / Full RB



Date: 1.NOV.2015 16:28:18



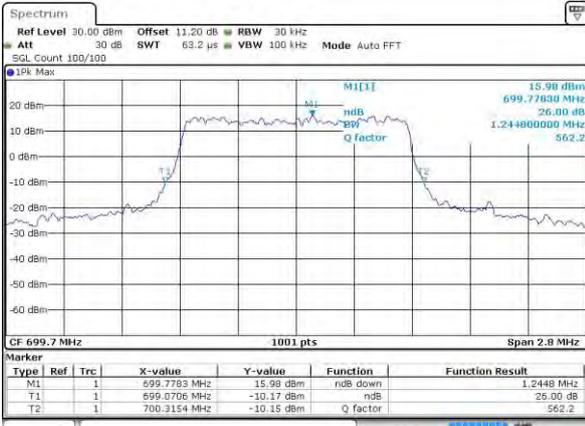
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.24	2.98	2.99	4.95	4.91	9.93	9.83	-	-	-	-
Middle CH	1.26	1.25	3	2.96	5.05	4.89	9.71	9.79	-	-	-	-
Highest CH	1.25	1.23	2.99	2.96	4.95	4.96	9.89	9.75	-	-	-	-



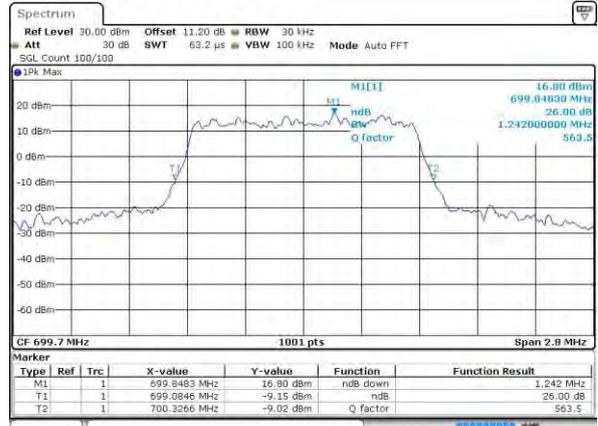
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



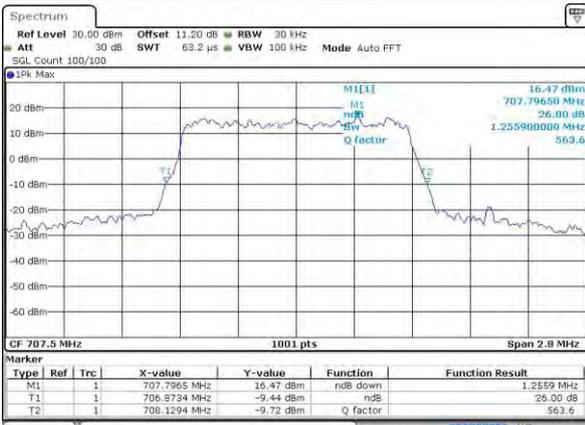
Date: 1.NOV.2015 16:08:46

Lowest Channel / 1.4MHz / 16QAM



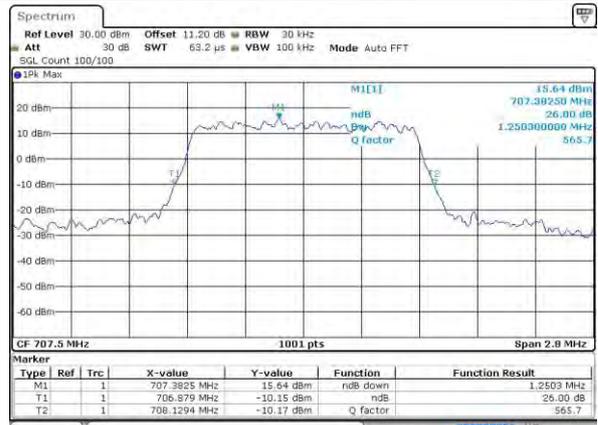
Date: 1.NOV.2015 16:08:35

Middle Channel / 1.4MHz / QPSK



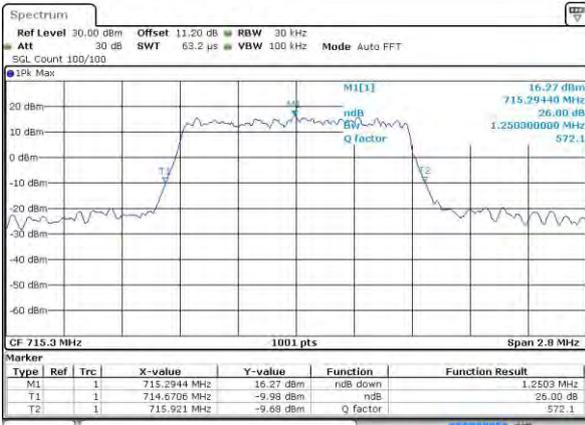
Date: 1.NOV.2015 16:09:16

Middle Channel / 1.4MHz / 16QAM



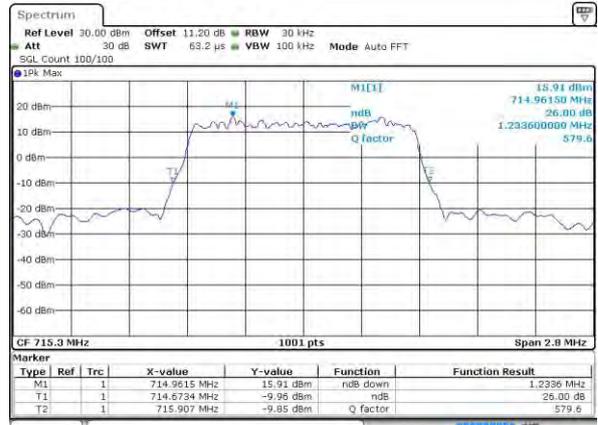
Date: 1.NOV.2015 16:09:25

Highest Channel / 1.4MHz / QPSK



Date: 1.NOV.2015 16:10:12

Highest Channel / 1.4MHz / 16QAM

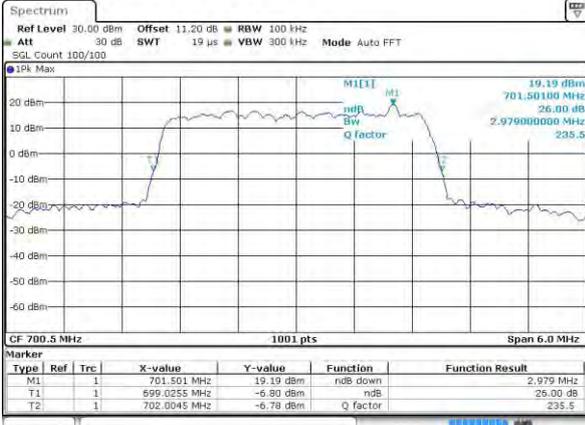


Date: 1.NOV.2015 16:10:01



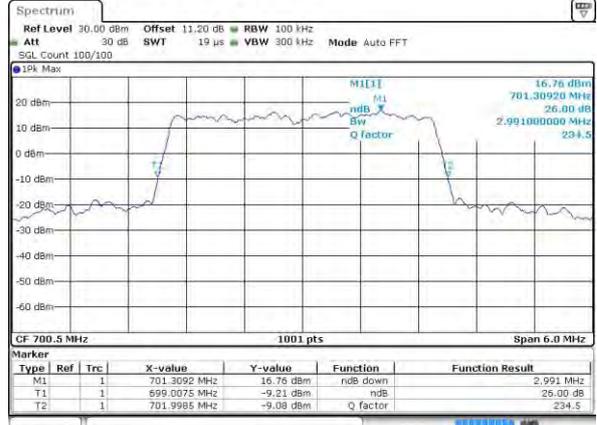
LTE Band 12

Lowest Channel / 3MHz / QPSK



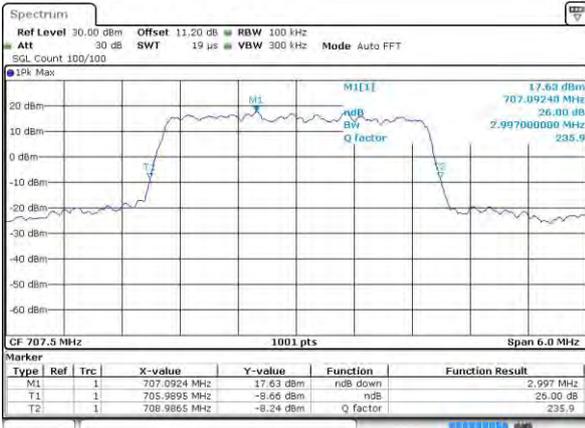
Date: 1.NOV.2015 16:10:55

Lowest Channel / 3MHz / 16QAM



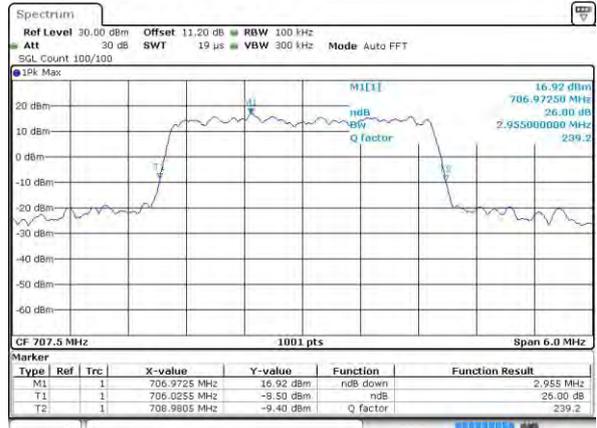
Date: 1.NOV.2015 16:10:44

Middle Channel / 3MHz / QPSK



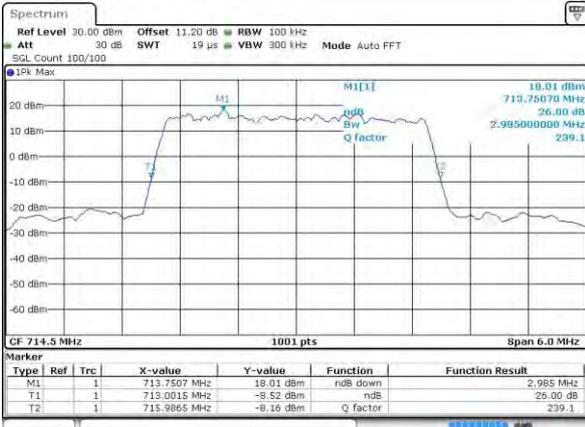
Date: 1.NOV.2015 16:11:27

Middle Channel / 3MHz / 16QAM



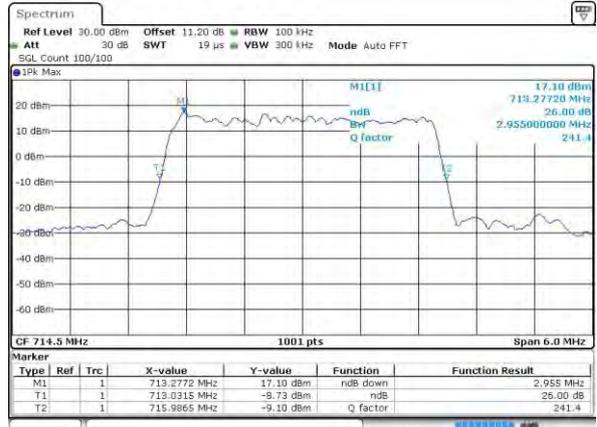
Date: 1.NOV.2015 16:11:38

Highest Channel / 3MHz / QPSK



Date: 1.NOV.2015 16:12:20

Highest Channel / 3MHz / 16QAM

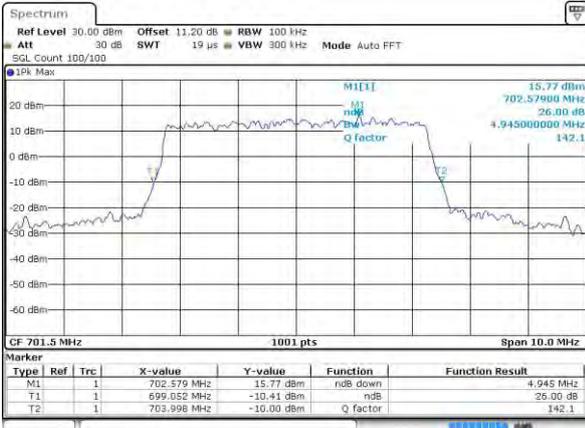


Date: 1.NOV.2015 16:12:10



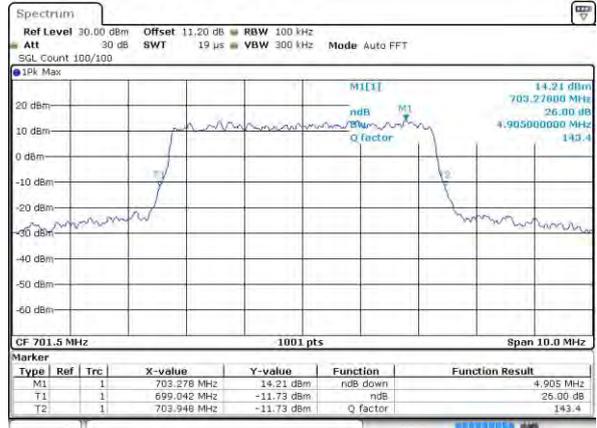
LTE Band 12

Lowest Channel / 5MHz / QPSK



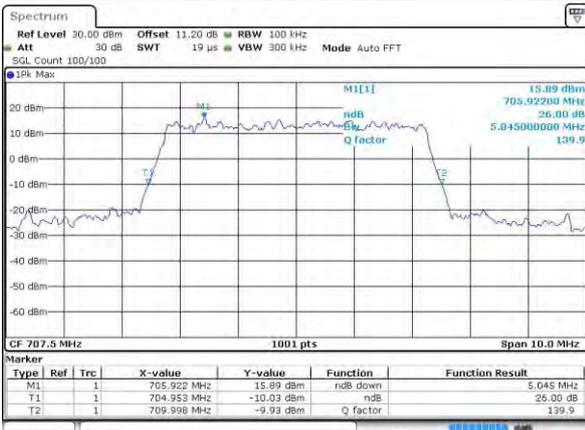
Date: 1.NOV.2015 16:13:03

Lowest Channel / 5MHz / 16QAM



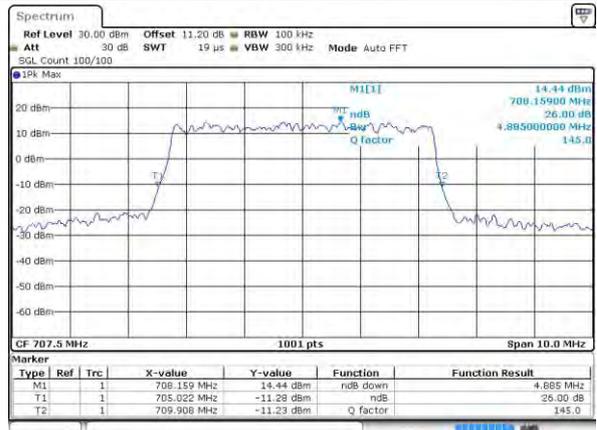
Date: 1.NOV.2015 16:12:53

Middle Channel / 5MHz / QPSK



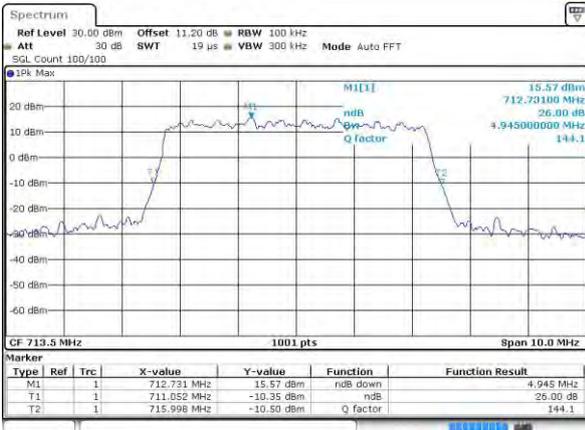
Date: 1.NOV.2015 16:13:36

Middle Channel / 5MHz / 16QAM



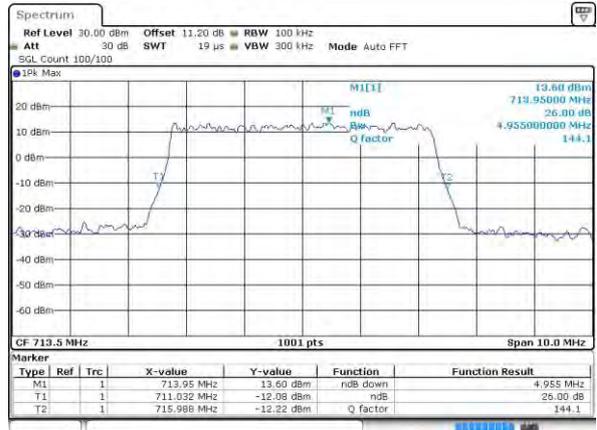
Date: 1.NOV.2015 16:13:46

Highest Channel / 5MHz / QPSK



Date: 1.NOV.2015 16:14:29

Highest Channel / 5MHz / 16QAM

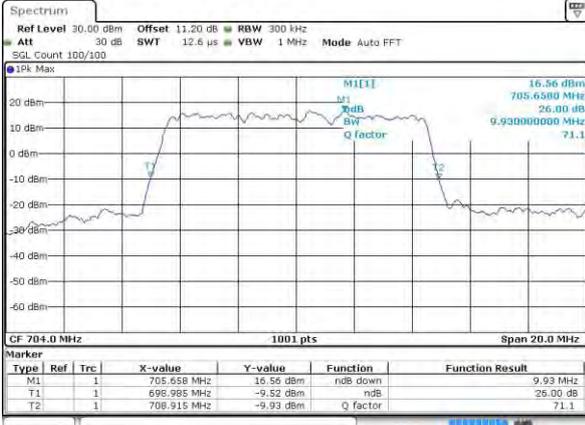


Date: 1.NOV.2015 16:14:18



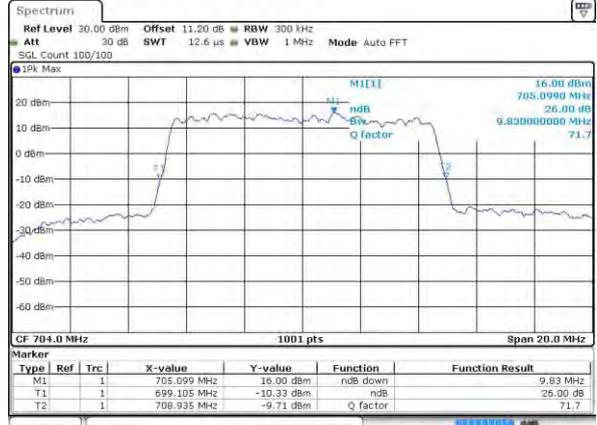
LTE Band 12

Lowest Channel / 10MHz / QPSK



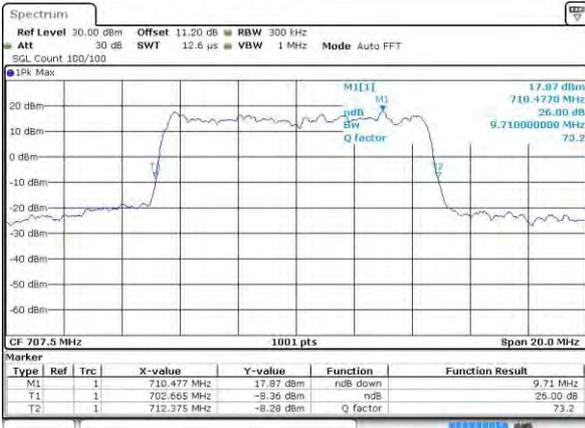
Date: 1.NOV.2015 16:16:45

Lowest Channel / 10MHz / 16QAM



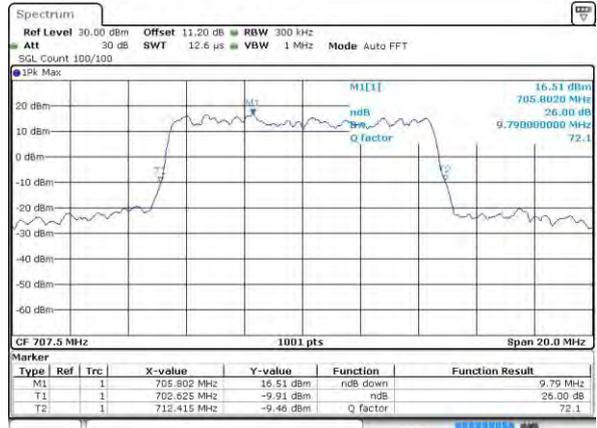
Date: 1.NOV.2015 16:16:34

Middle Channel / 10MHz / QPSK



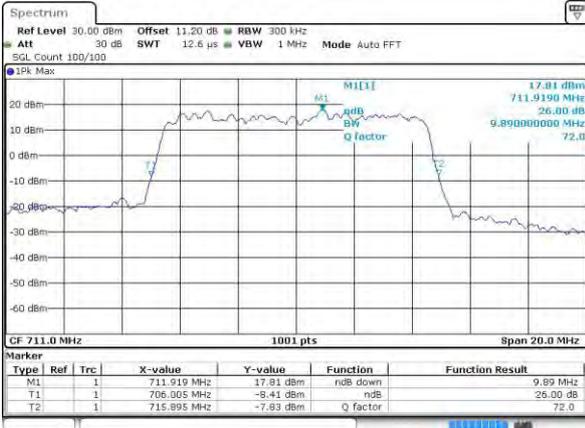
Date: 1.NOV.2015 16:17:17

Middle Channel / 10MHz / 16QAM



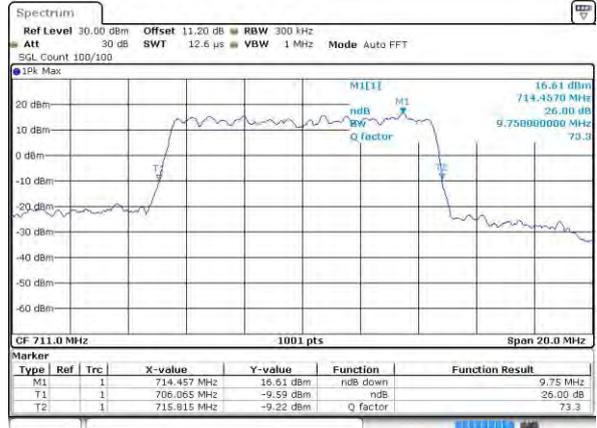
Date: 1.NOV.2015 16:17:27

Highest Channel / 10MHz / QPSK



Date: 1.NOV.2015 16:18:11

Highest Channel / 10MHz / 16QAM



Date: 1.NOV.2015 16:18:00



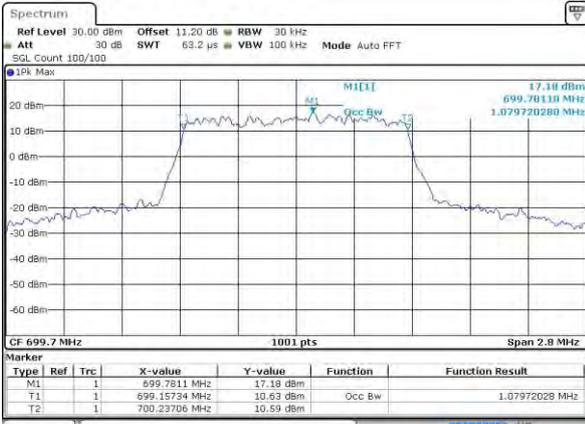
### Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.09	2.7	2.7	4.5	4.49	8.97	8.95	-	-	-	-
Middle CH	1.09	1.09	2.73	2.7	4.5	4.51	9.05	9.05	-	-	-	-
Highest CH	1.09	1.09	2.73	2.73	4.48	4.49	9.03	8.99	-	-	-	-



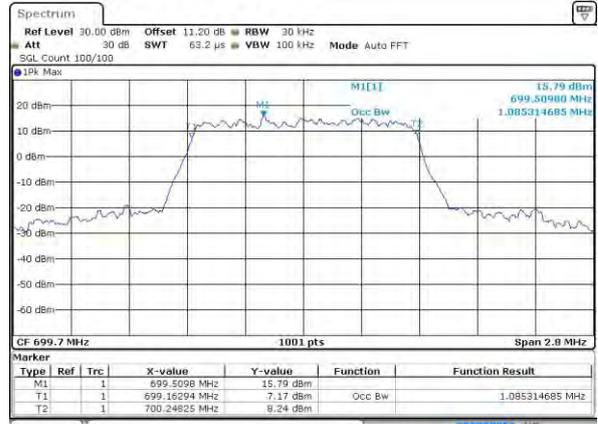
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



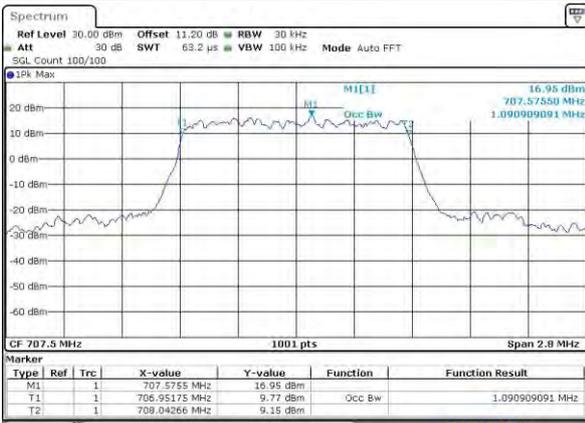
Date: 1 NOV 2015 16:08:14

Lowest Channel / 1.4MHz / 16QAM



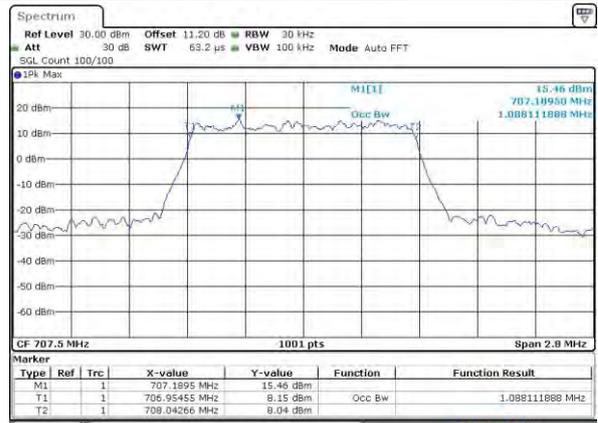
Date: 1 NOV 2015 16:08:25

Middle Channel / 1.4MHz / QPSK



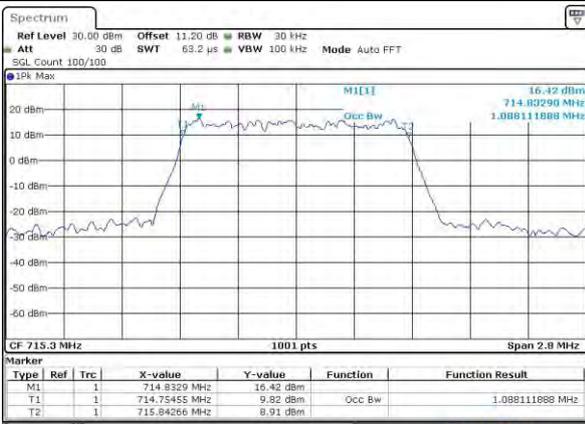
Date: 1 NOV 2015 16:09:08

Middle Channel / 1.4MHz / 16QAM



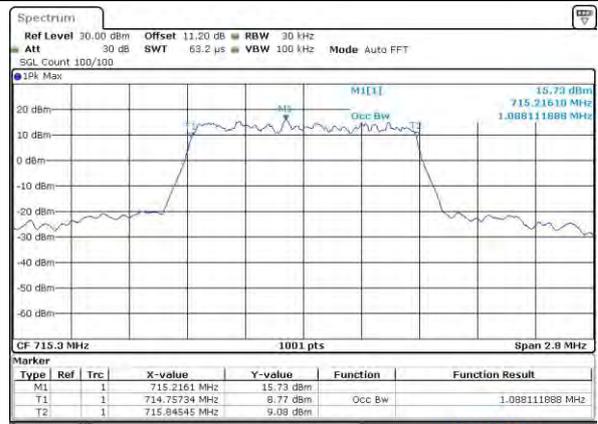
Date: 1 NOV 2015 16:08:57

Highest Channel / 1.4MHz / QPSK



Date: 1 NOV 2015 16:09:40

Highest Channel / 1.4MHz / 16QAM

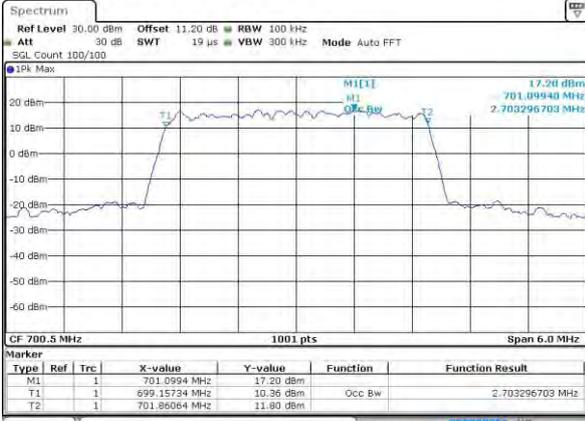


Date: 1 NOV 2015 16:09:51



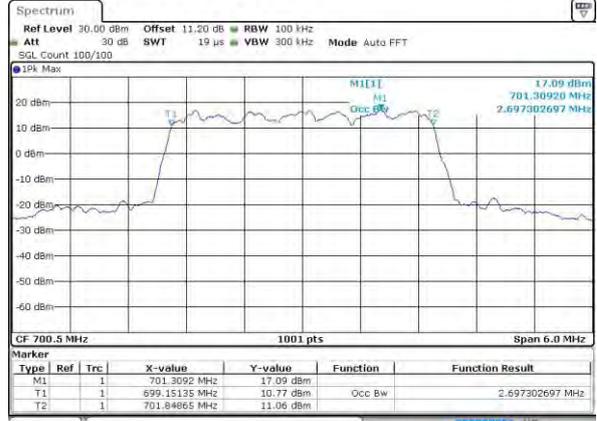
LTE Band 12

Lowest Channel / 3MHz / QPSK



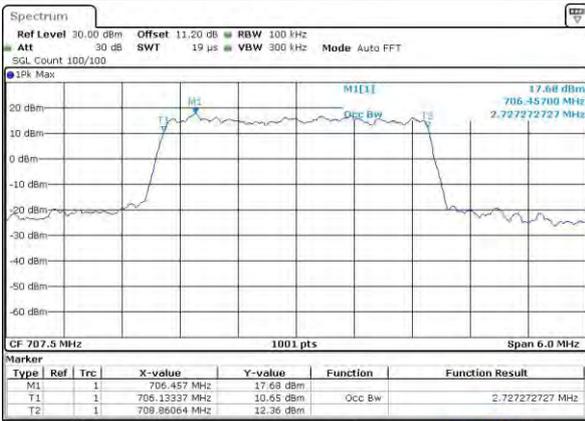
Date: 1.NOV.2015 16:10:23

Lowest Channel / 3MHz / 16QAM



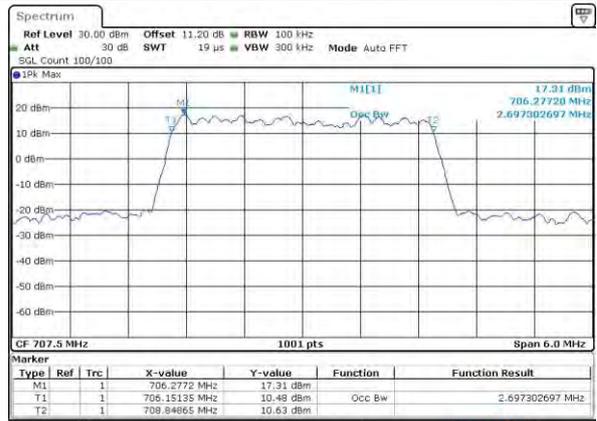
Date: 1.NOV.2015 16:10:33

Middle Channel / 3MHz / QPSK



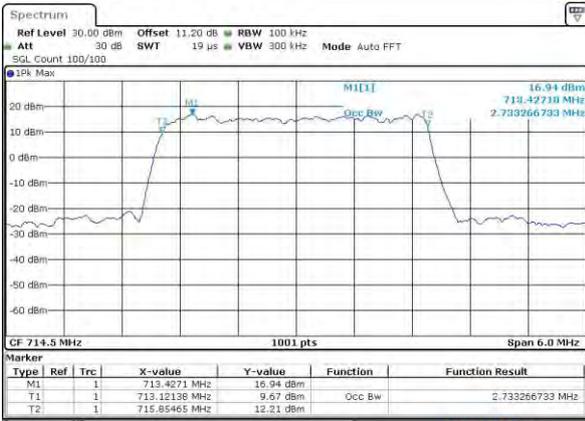
Date: 1.NOV.2015 16:11:16

Middle Channel / 3MHz / 16QAM



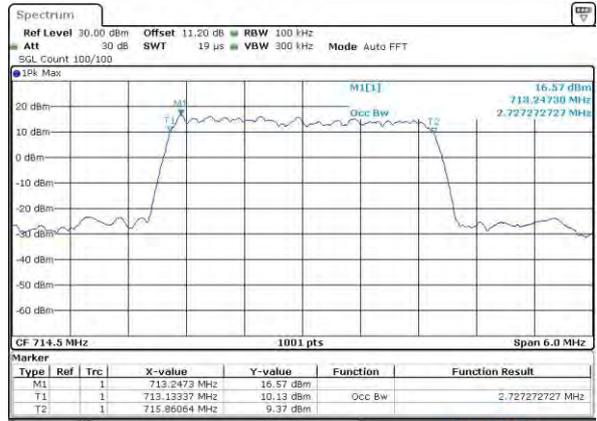
Date: 1.NOV.2015 16:11:06

Highest Channel / 3MHz / QPSK



Date: 1.NOV.2015 16:11:48

Highest Channel / 3MHz / 16QAM

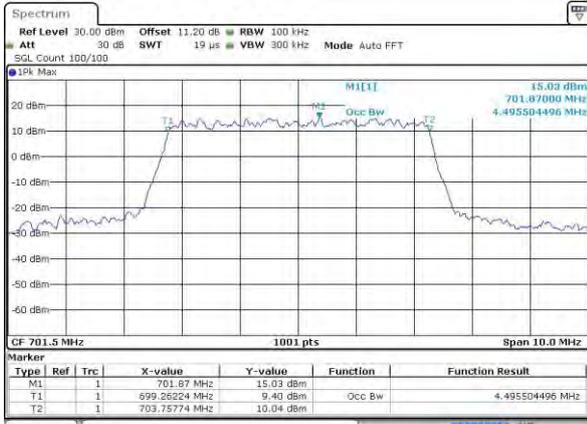


Date: 1.NOV.2015 16:11:59



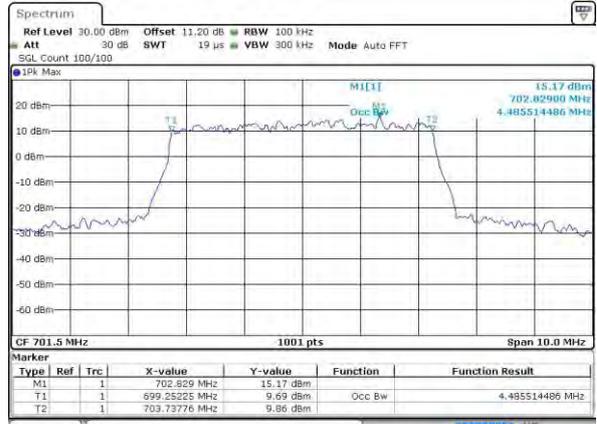
LTE Band 12

Lowest Channel / 5MHz / QPSK



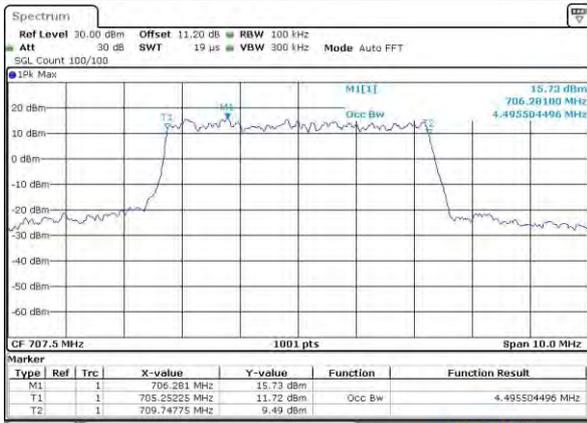
Date: 1 NOV 2015 16:12:31

Lowest Channel / 5MHz / 16QAM



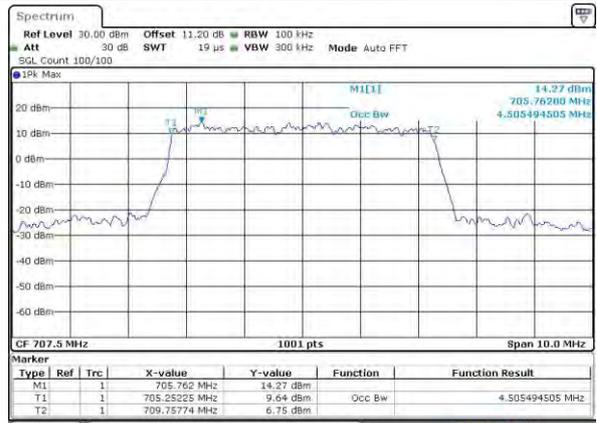
Date: 1 NOV 2015 16:12:42

Middle Channel / 5MHz / QPSK



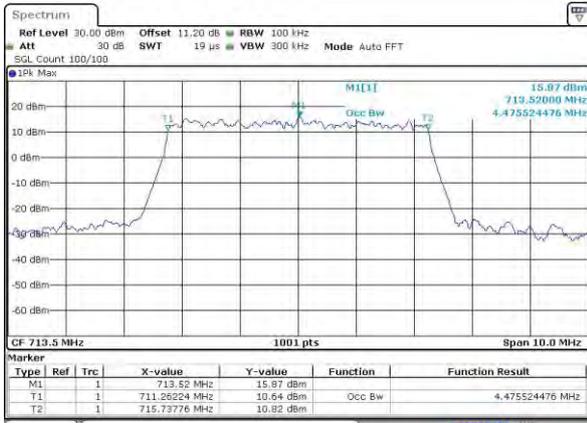
Date: 1 NOV 2015 16:13:25

Middle Channel / 5MHz / 16QAM



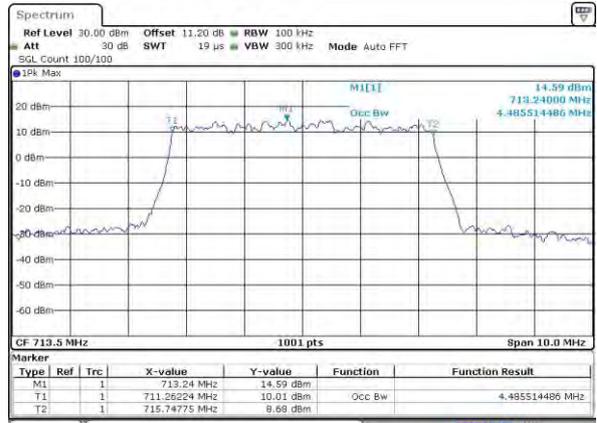
Date: 1 NOV 2015 16:13:14

Highest Channel / 5MHz / QPSK



Date: 1 NOV 2015 16:13:57

Highest Channel / 5MHz / 16QAM

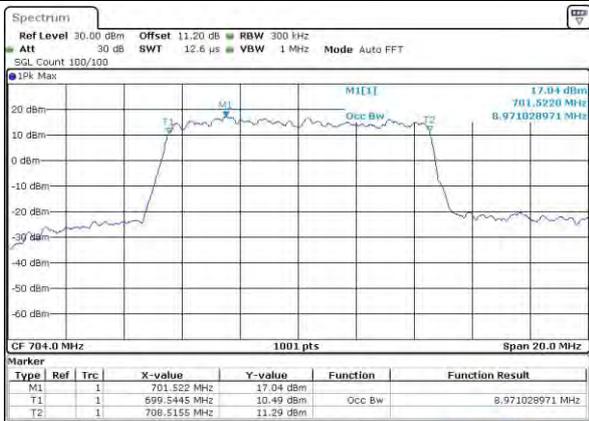


Date: 1 NOV 2015 16:14:08



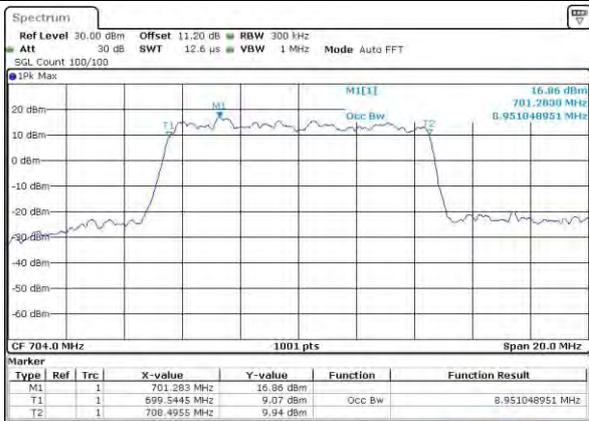
LTE Band 12

Lowest Channel / 10MHz / QPSK



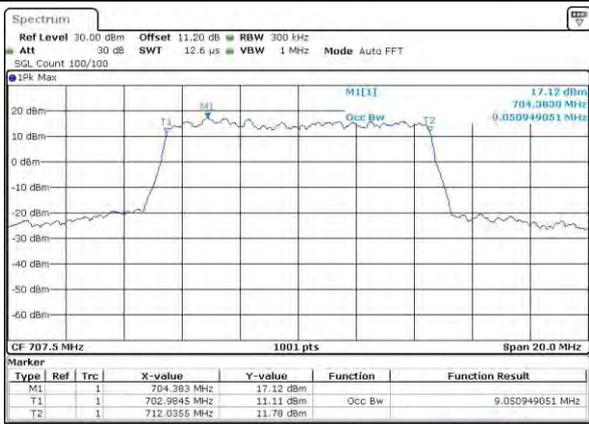
Date: 1.NOV.2015 16:16:12

Lowest Channel / 10MHz / 16QAM



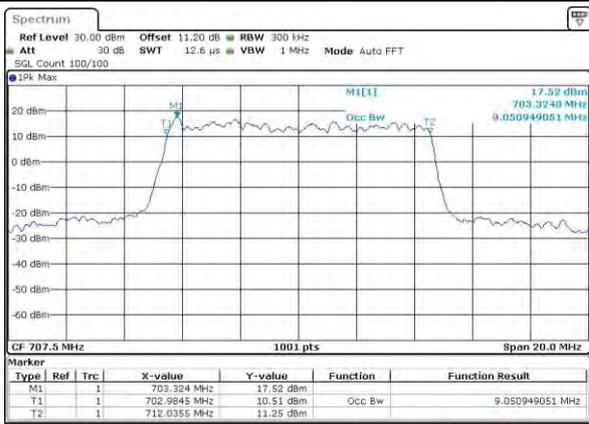
Date: 1.NOV.2015 16:16:23

Middle Channel / 10MHz / QPSK



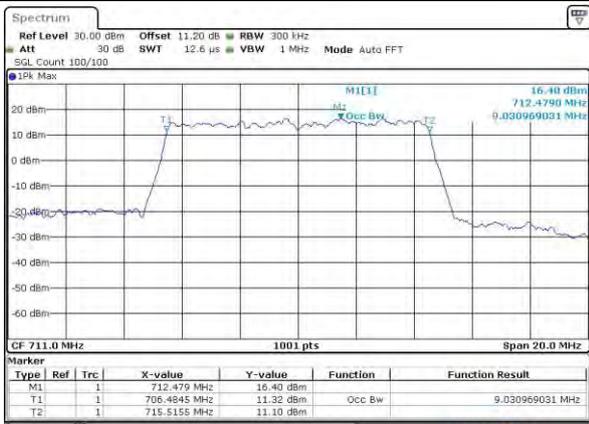
Date: 1.NOV.2015 16:17:06

Middle Channel / 10MHz / 16QAM



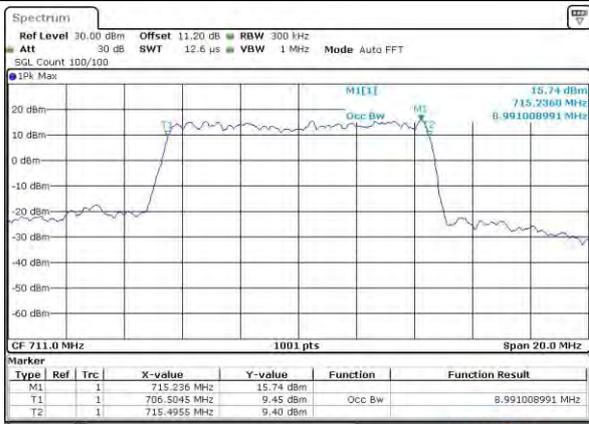
Date: 1.NOV.2015 16:16:55

Highest Channel / 10MHz / QPSK



Date: 1.NOV.2015 16:17:38

Highest Channel / 10MHz / 16QAM



Date: 1.NOV.2015 16:17:49



**Conducted Band Edge**



LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



Date: 29.OCT.2015 09:59:25

Highest Band Edge / 1RB



Date: 29.OCT.2015 10:10:40

Lowest Band Edge / Full RB



Date: 29.OCT.2015 09:53:42

Highest Band Edge / Full RB



Date: 29.OCT.2015 10:04:57



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 29.OCT.2015 08:57:31

Highest Band Edge / 1 RB



Date: 29.OCT.2015 10:08:46

Lowest Band Edge / Full RB



Date: 29.OCT.2015 09:55:37

Highest Band Edge / Full RB

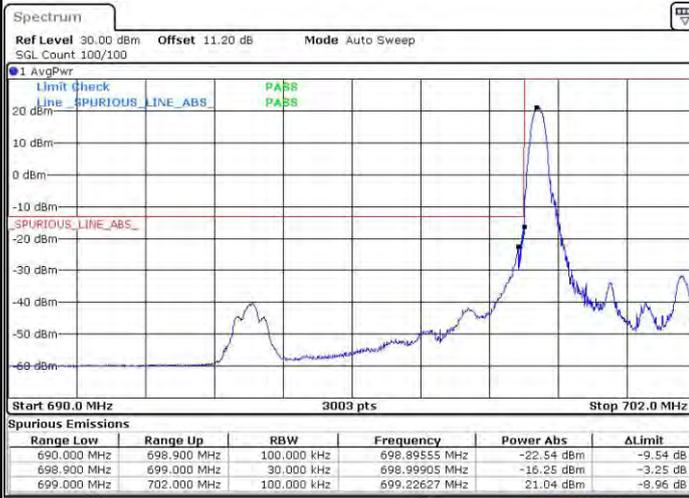


Date: 29.OCT.2015 10:06:51



LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 29.OCT.2015 10:23:51

Highest Band Edge / 1 RB



Date: 29.OCT.2015 10:35:06

Lowest Band Edge / Full RB



Date: 29.OCT.2015 10:18:08

Highest Band Edge / Full RB

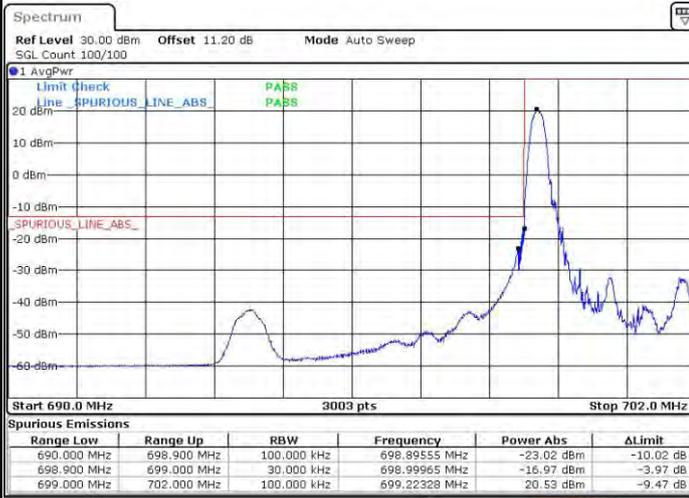


Date: 29.OCT.2015 10:29:23



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 29.OCT.2015 10:21:57

Highest Band Edge / 1 RB



Date: 29.OCT.2015 10:33:12

Lowest Band Edge / Full RB



Date: 29.OCT.2015 10:20:03

Highest Band Edge / Full RB

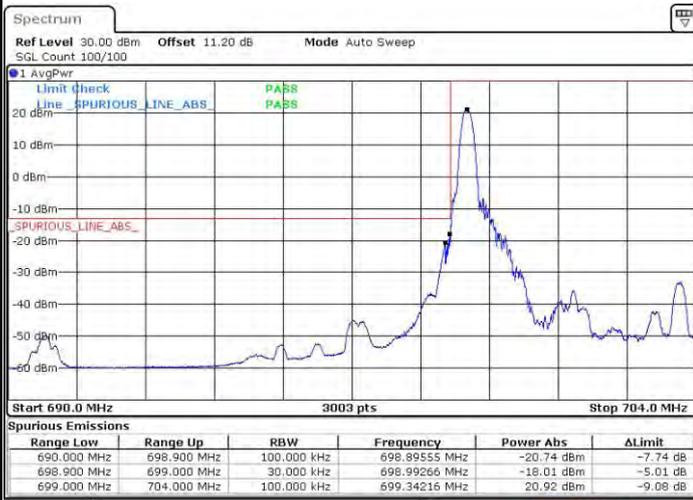


Date: 29.OCT.2015 10:31:17



LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 29.OCT.2015 10:48:17

Highest Band Edge / 1 RB



Date: 29.OCT.2015 10:58:37

Lowest Band Edge / Full RB



Date: 29.OCT.2015 10:43:34

Highest Band Edge / Full RB

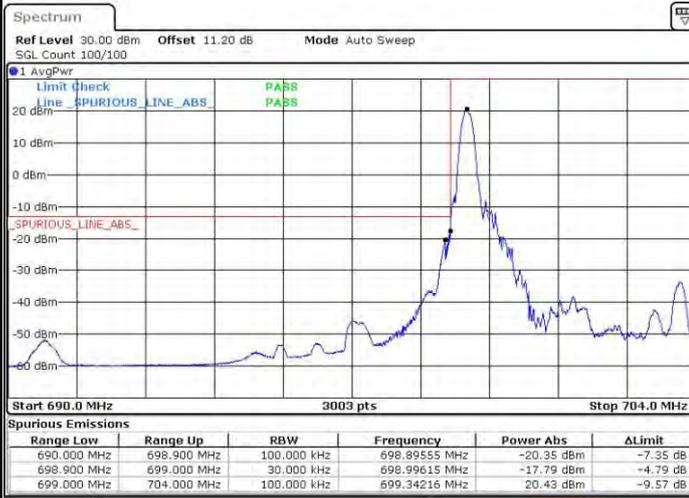


Date: 29.OCT.2015 10:54:49



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 29.OCT.2015 10:47:23

Highest Band Edge / 1 RB



Date: 29.OCT.2015 11:00:32

Lowest Band Edge / Full RB



Date: 29.OCT.2015 10:45:29

Highest Band Edge / Full RB

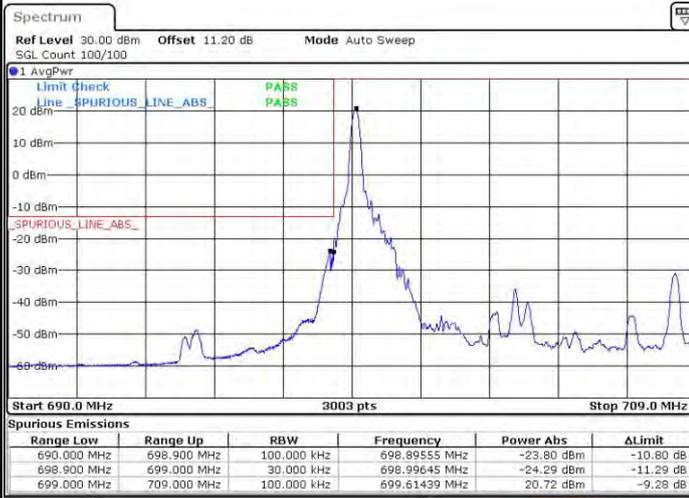


Date: 29.OCT.2015 10:56:43



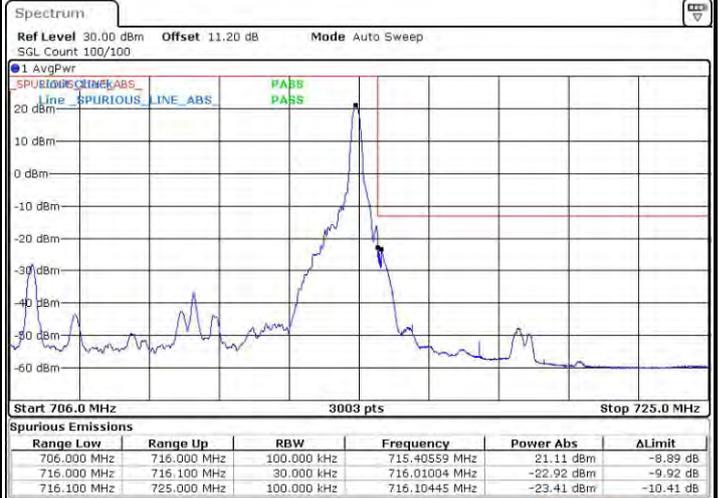
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



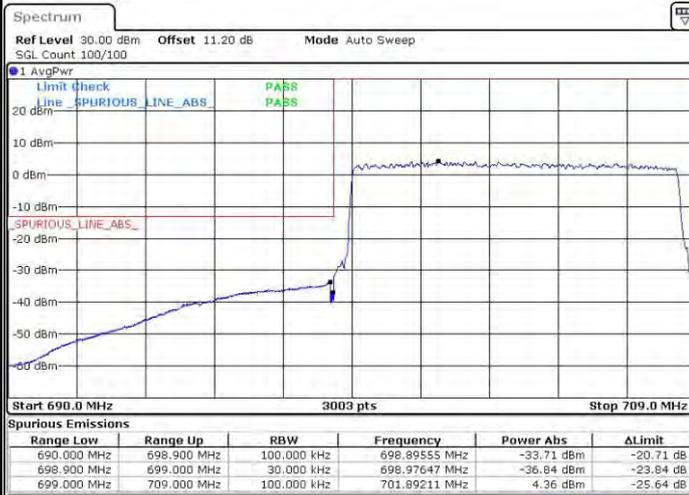
Date: 29.OCT.2015 11:09:59

Highest Band Edge / 1 RB



Date: 29.OCT.2015 11:21:13

Lowest Band Edge / Full RB



Date: 29.OCT.2015 11:04:16

Highest Band Edge / Full RB

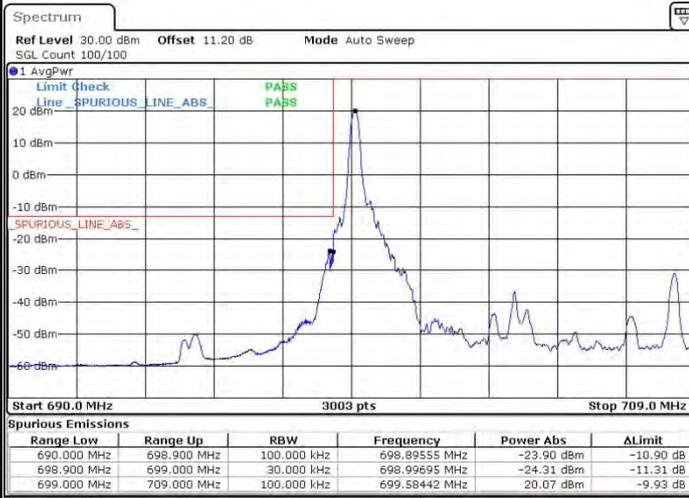


Date: 29.OCT.2015 11:15:31



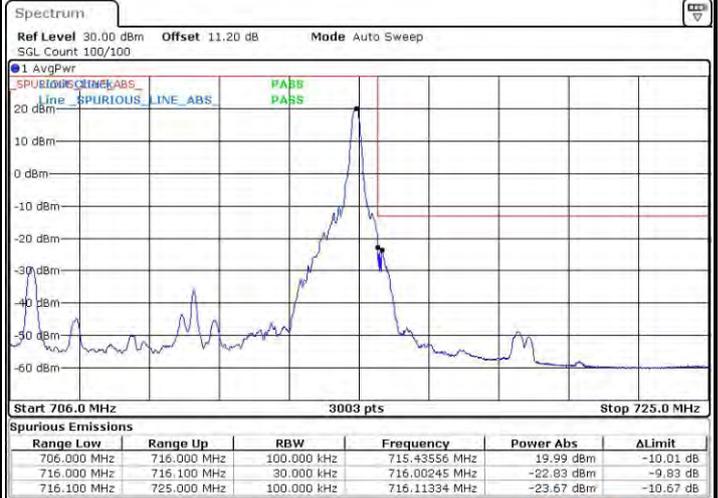
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



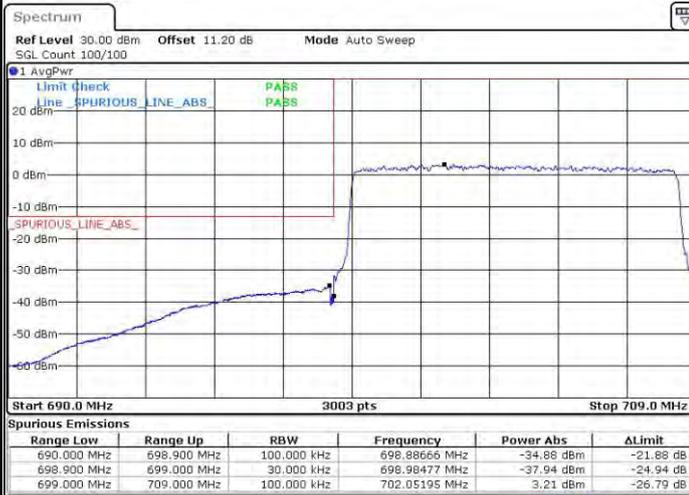
Date: 29.OCT.2015 11:08:04

Highest Band Edge / 1 RB



Date: 29.OCT.2015 11:19:19

Lowest Band Edge / Full RB



Date: 29.OCT.2015 11:06:10

Highest Band Edge / Full RB



Date: 29.OCT.2015 11:17:25



**Conducted Spurious Emission**



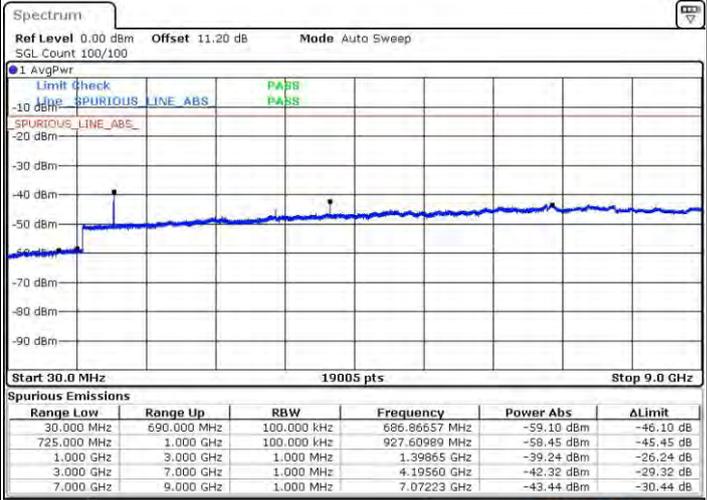
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



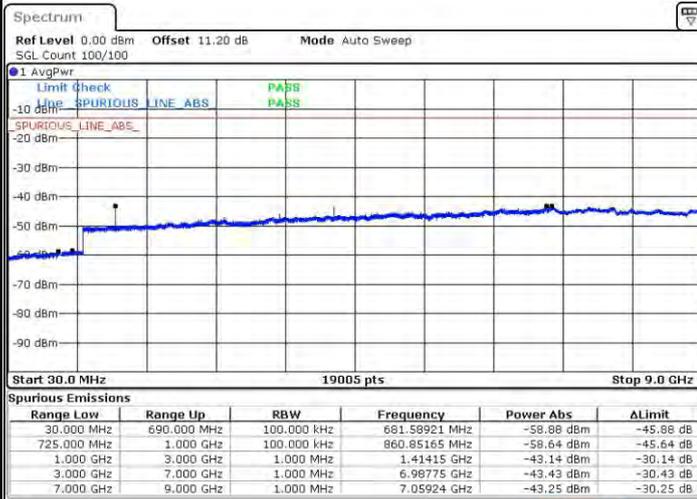
Date: 29.OCT.2015 10:00:20

Lowest Channel / 16QAM



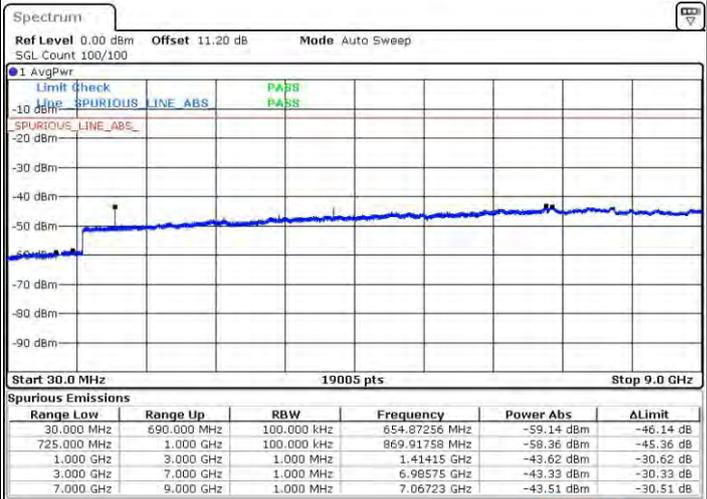
Date: 29.OCT.2015 10:01:15

Middle Channel / QPSK



Date: 29.OCT.2015 10:03:05

Middle Channel / 16QAM

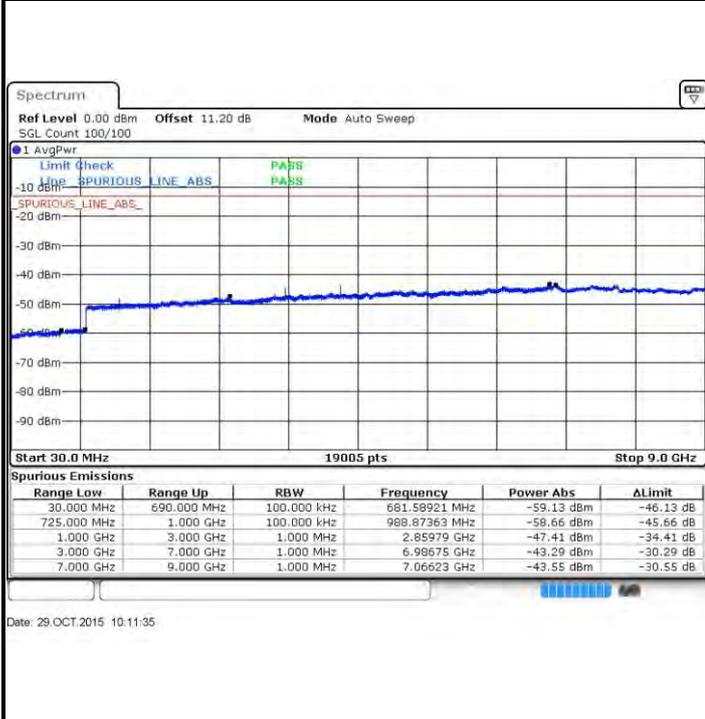


Date: 29.OCT.2015 10:02:09

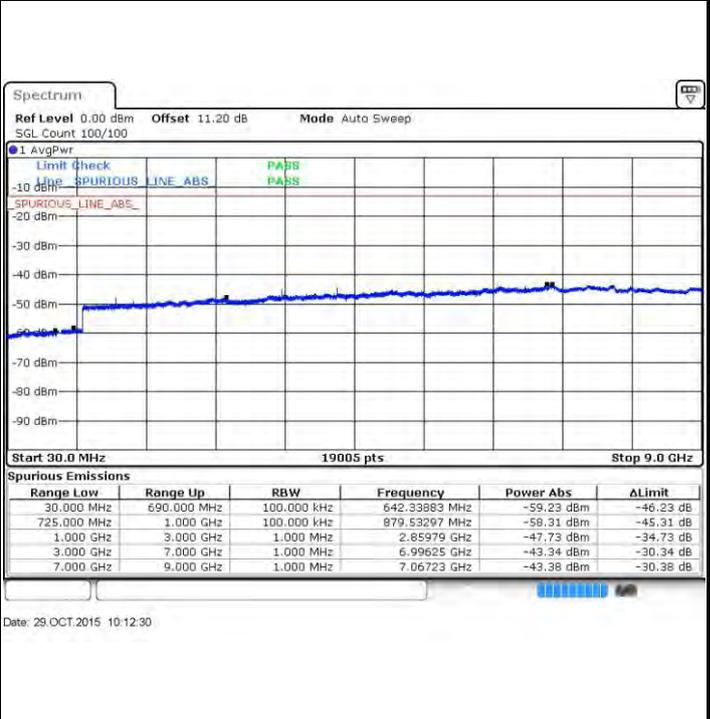


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

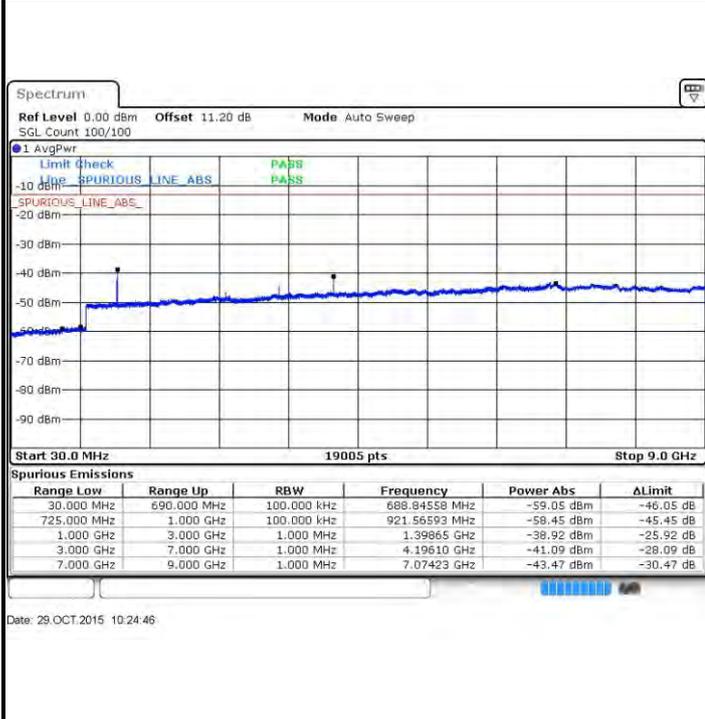


Highest Channel / 16QAM



LTE Band 12 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM





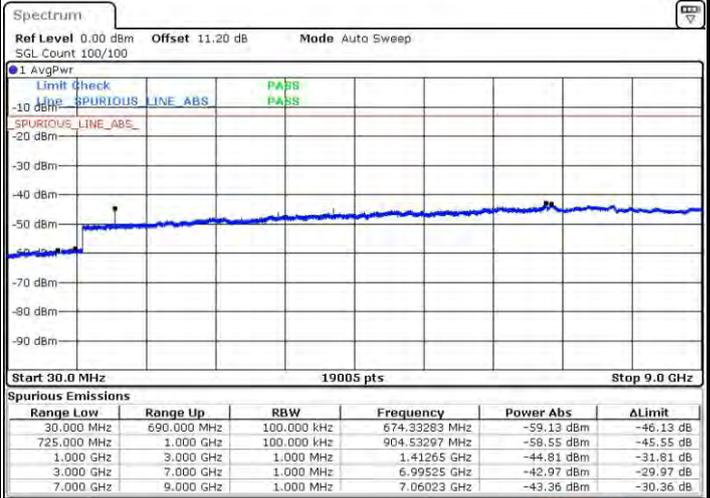
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



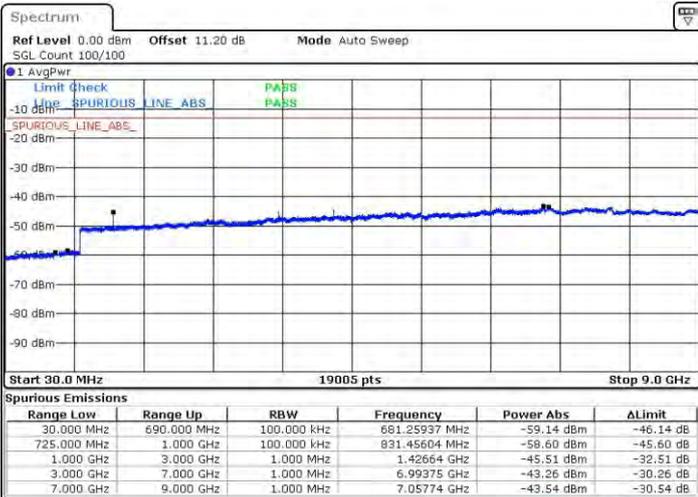
Date: 29.OCT.2015 10:27:29



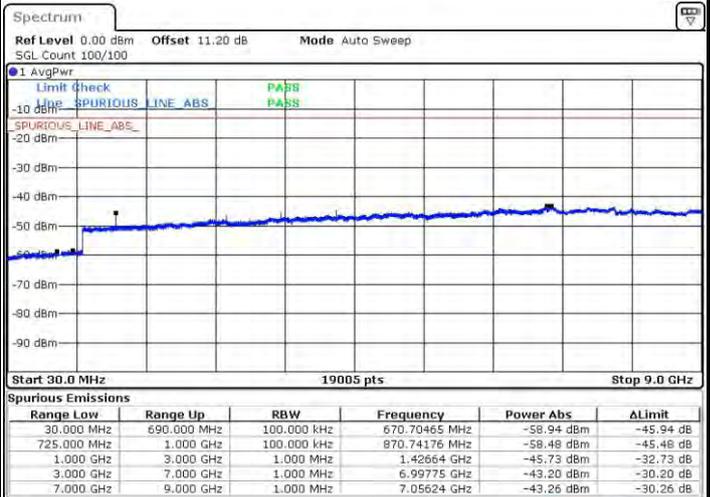
Date: 29.OCT.2015 10:28:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.OCT.2015 10:36:01



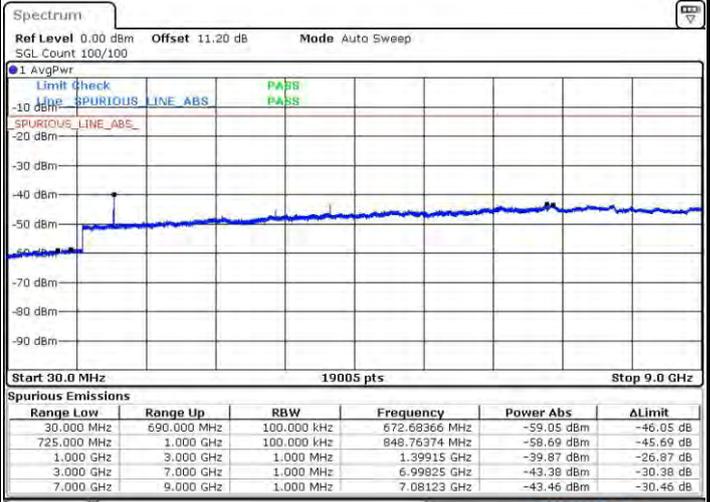
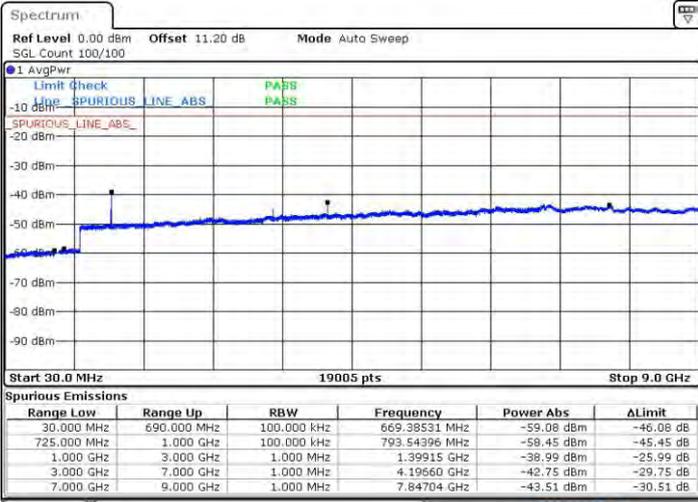
Date: 29.OCT.2015 10:36:55



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

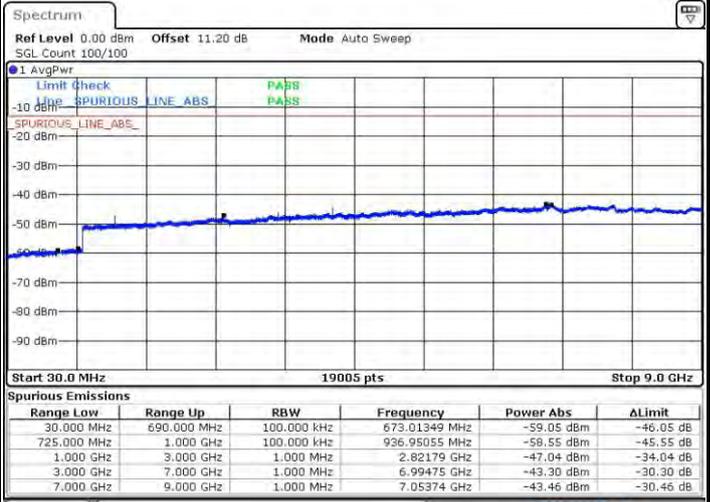
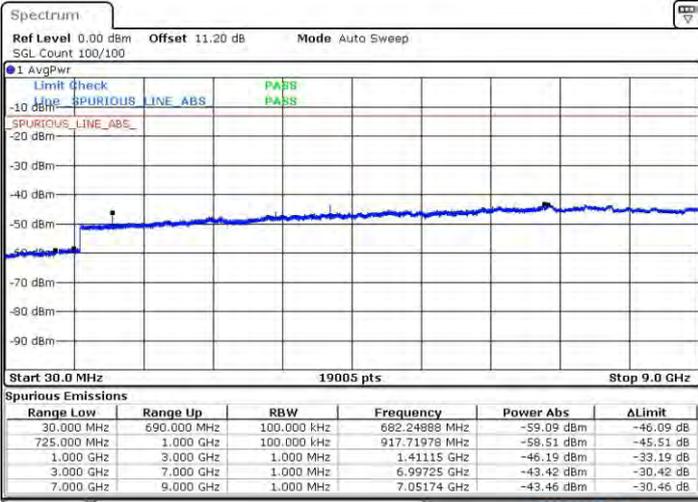


Date: 29.OCT.2015 10:50:12

Date: 29.OCT.2015 10:51:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29.OCT.2015 10:52:55

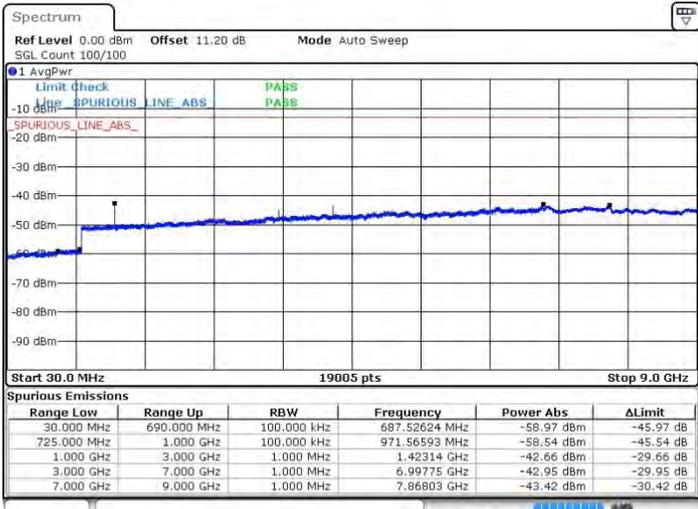
Date: 29.OCT.2015 10:52:01



LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.OCT.2015 11:02:21

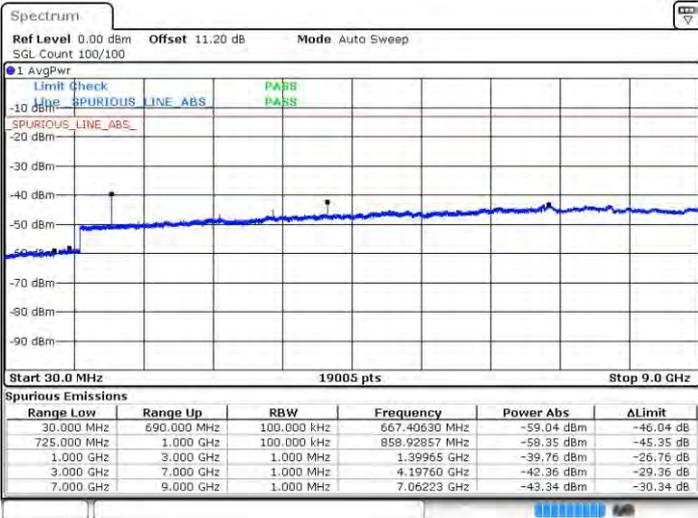


Date: 29.OCT.2015 11:01:27

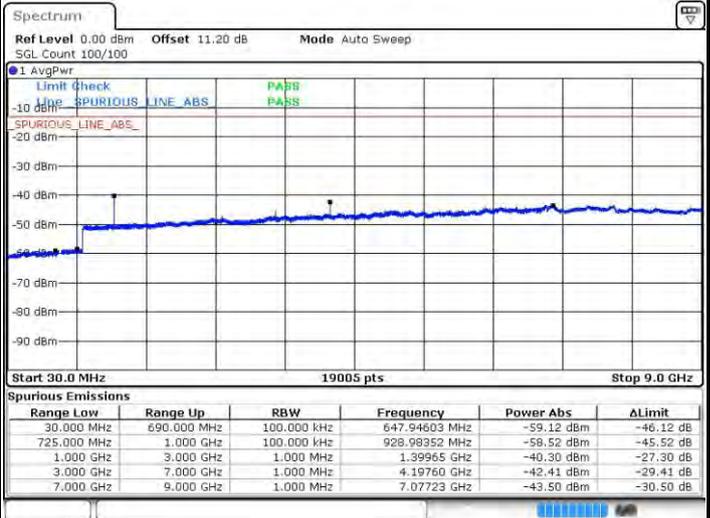
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 29.OCT.2015 11:10:54



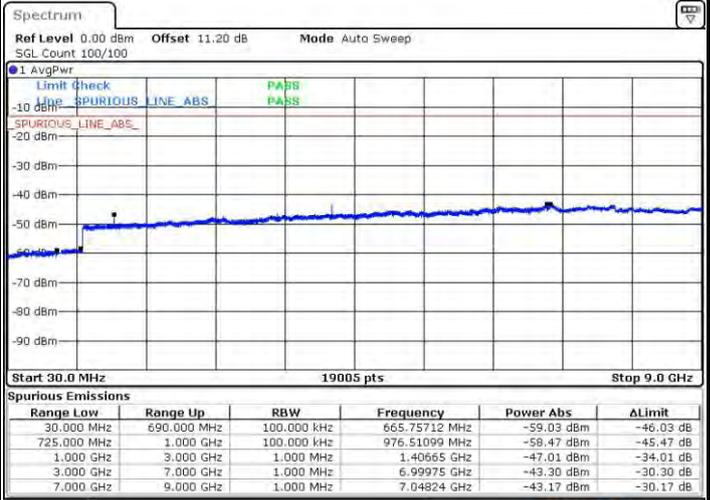
Date: 29.OCT.2015 11:11:48



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

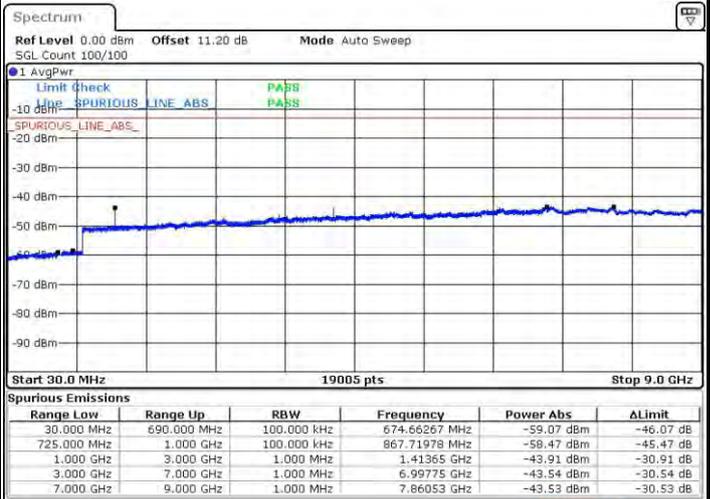
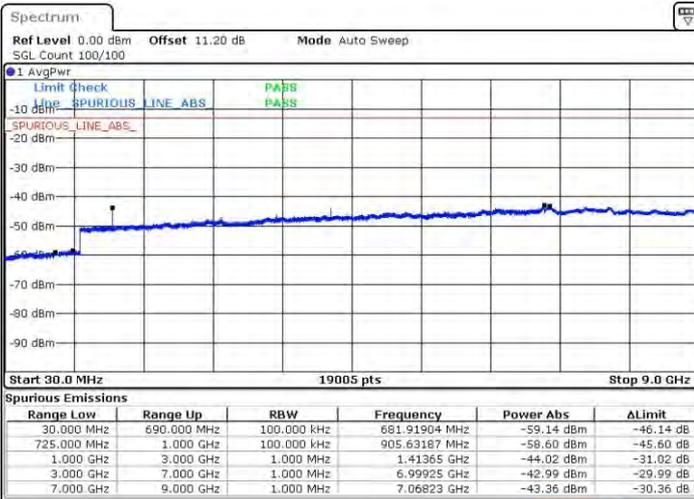


Date: 29.OCT.2015 11:13:37

Date: 29.OCT.2015 11:12:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29.OCT.2015 11:22:08

Date: 29.OCT.2015 11:23:03



### Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0112	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0100	
0	Normal Voltage	0.0124	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0122	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0099	

**Note:**

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



## LTE Band 13

### Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	<b>PASS</b>
Middle CH	3.57	4.9	4.78	5.83	
Highest CH	-	-	-	-	



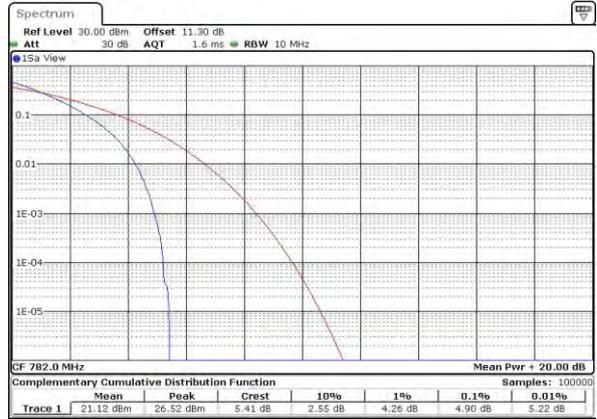
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 1.NOV.2015 14:26:26

Middle Channel / Full RB



Date: 1.NOV.2015 14:26:38

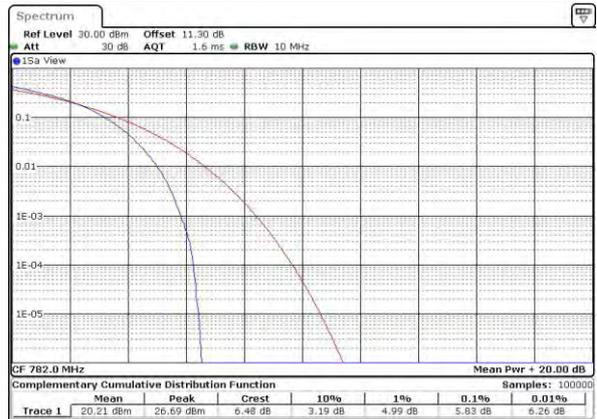
LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 1.NOV.2015 14:26:06

Middle Channel / Full RB



Date: 1.NOV.2015 14:26:16



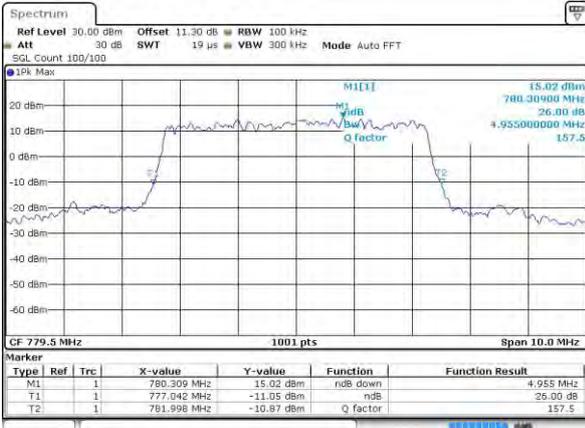
**26dB Bandwidth**

Mode	LTE Band 13 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	4.94	-	-	-	-	-	-
Middle CH	-	-	-	-	5.02	5.03	9.95	9.69	-	-	-	-
Highest CH	-	-	-	-	5.01	4.97	-	-	-	-	-	-



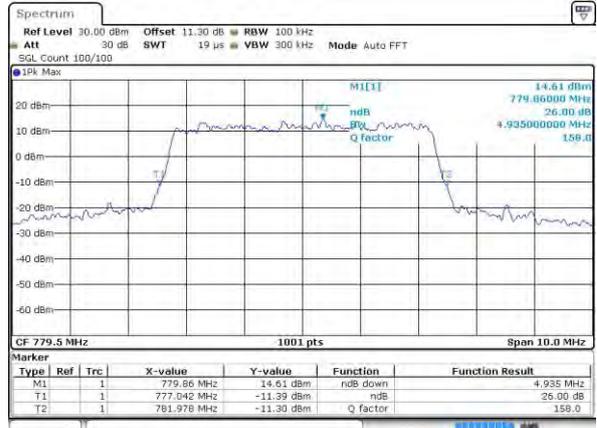
LTE Band 13

Lowest Channel / 5MHz / QPSK



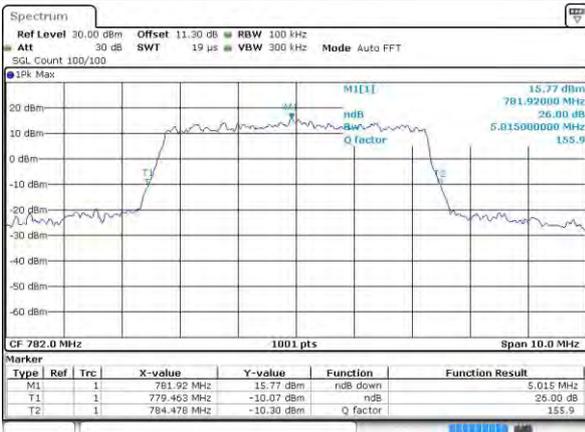
Date: 1 NOV 2015 14:22:51

Lowest Channel / 5MHz / 16QAM



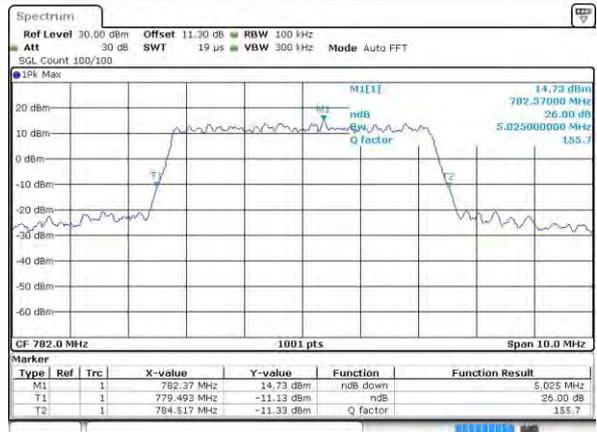
Date: 1 NOV 2015 14:22:40

Middle Channel / 5MHz / QPSK



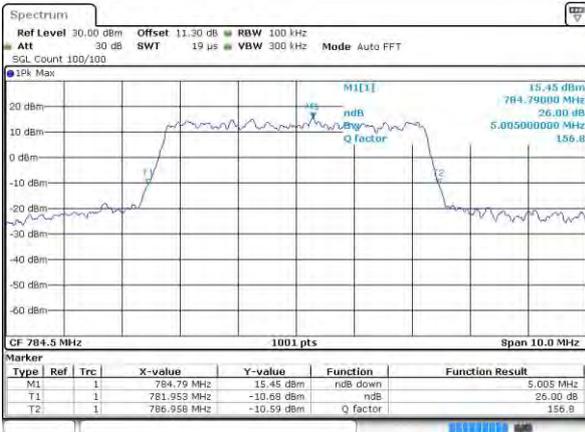
Date: 1 NOV 2015 14:23:02

Middle Channel / 5MHz / 16QAM



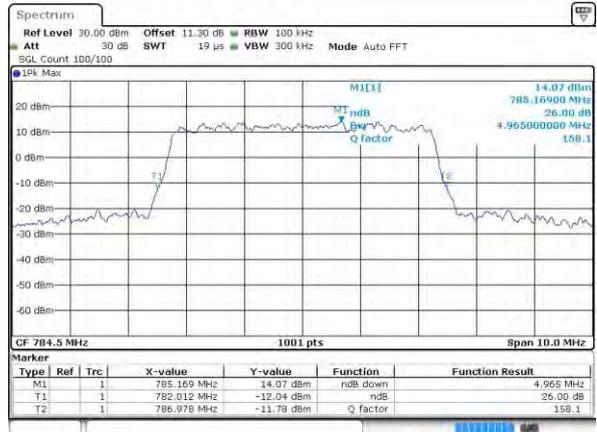
Date: 1 NOV 2015 14:23:12

Highest Channel / 5MHz / QPSK



Date: 1 NOV 2015 14:24:17

Highest Channel / 5MHz / 16QAM



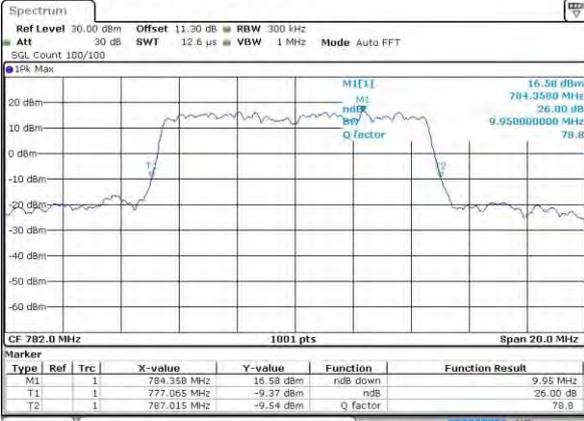
Date: 1 NOV 2015 14:24:06



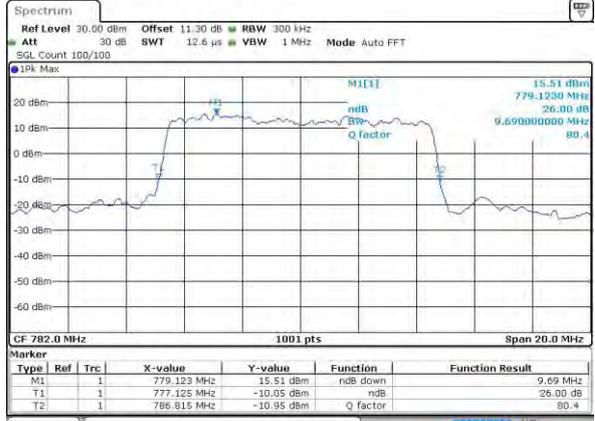
LTE Band 13

Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM



Date: 1 NOV 2015 14:25:00



Date: 1 NOV 2015 14:24:49



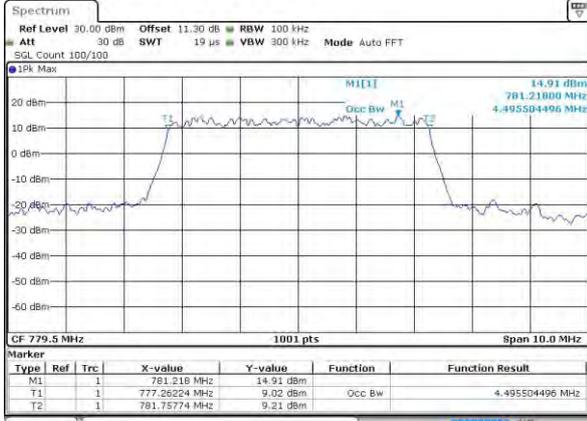
### Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.5	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.48	9.01	9.01	-	-	-	-
Highest CH	-	-	-	-	4.5	4.49	-	-	-	-	-	-



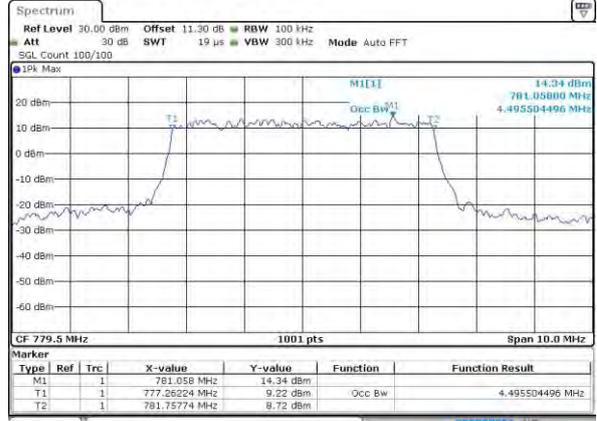
LTE Band 13

Lowest Channel / 5MHz / QPSK



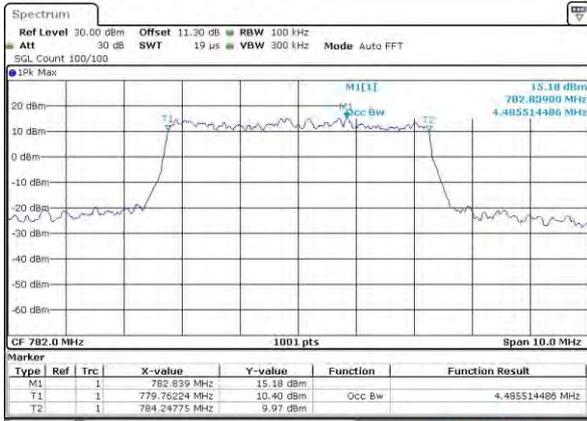
Date: 1 NOV 2015 14:22:19

Lowest Channel / 5MHz / 16QAM



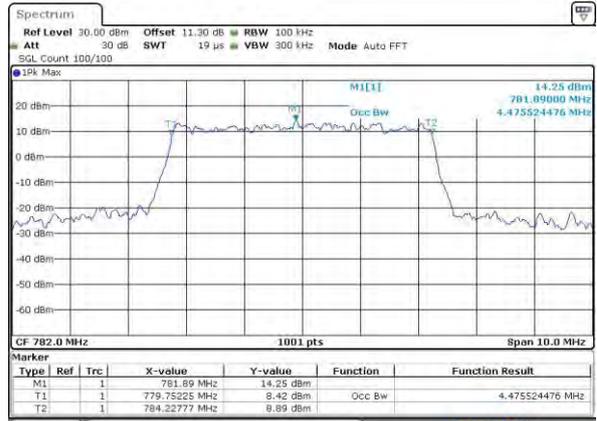
Date: 1 NOV 2015 14:22:30

Middle Channel / 5MHz / QPSK



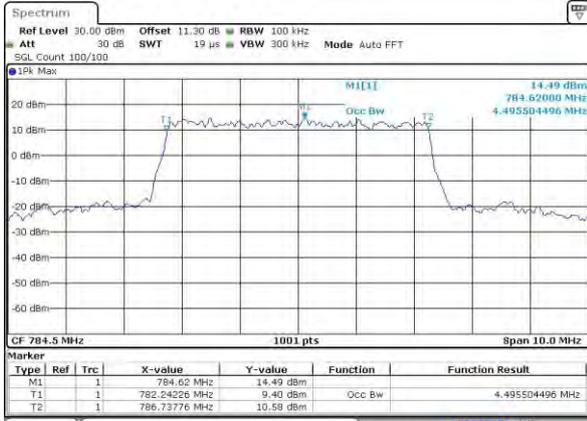
Date: 1 NOV 2015 14:23:34

Middle Channel / 5MHz / 16QAM



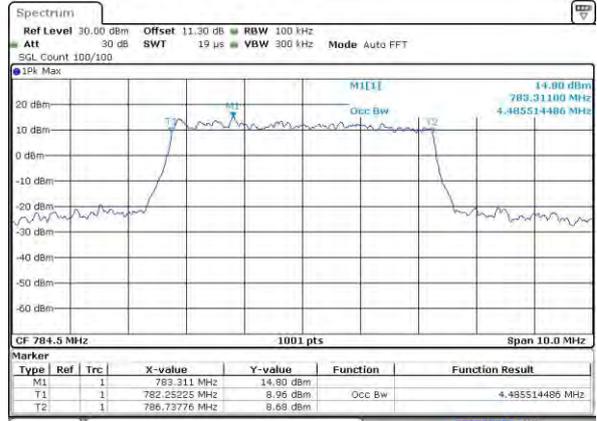
Date: 1 NOV 2015 14:23:23

Highest Channel / 5MHz / QPSK



Date: 1 NOV 2015 14:23:45

Highest Channel / 5MHz / 16QAM



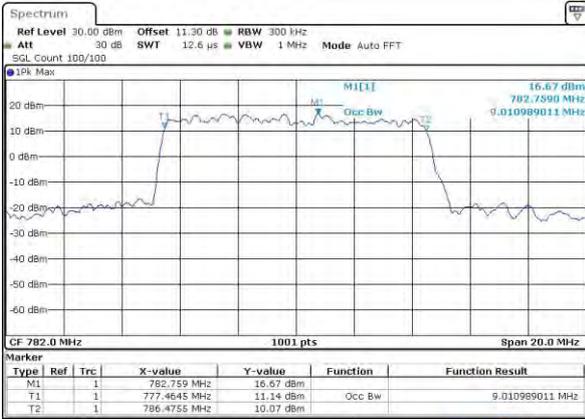
Date: 1 NOV 2015 14:23:55



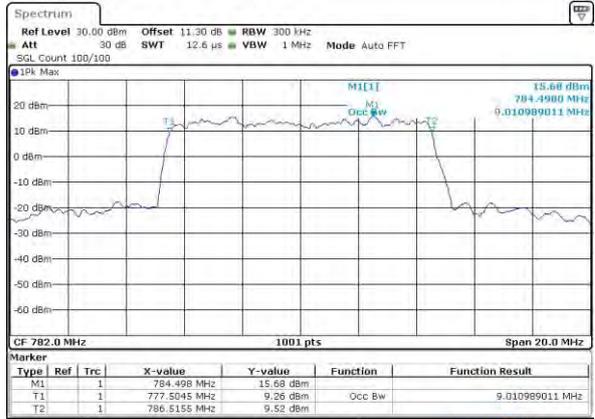
LTE Band 13

Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM



Date: 1.NOV.2015 14:24:28



Date: 1.NOV.2015 14:24:38



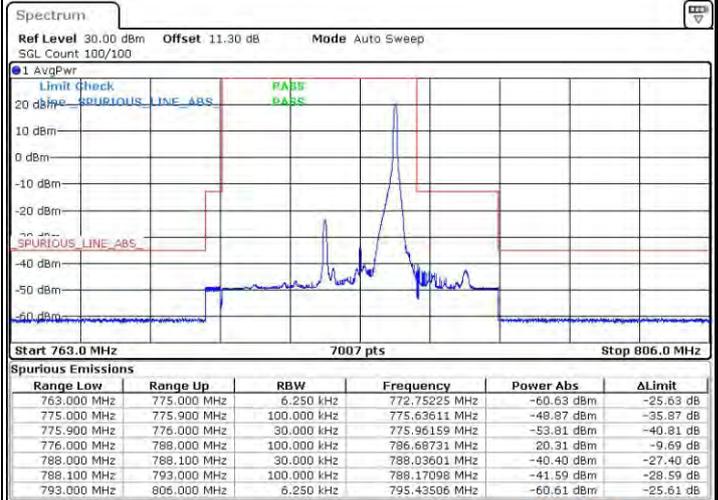
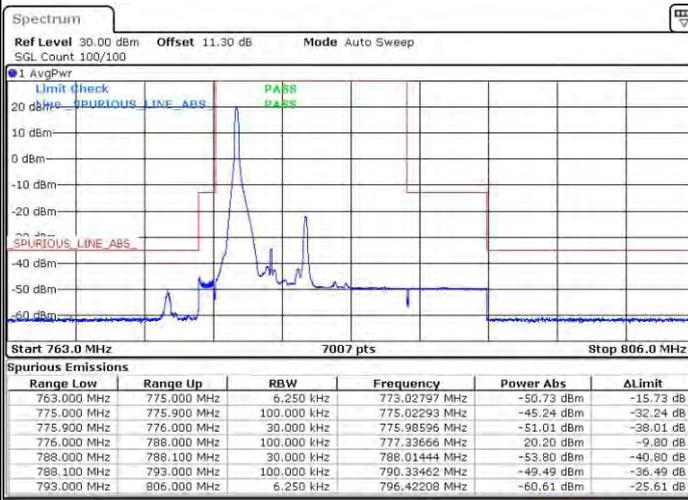
**Conducted Band Edge**



LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

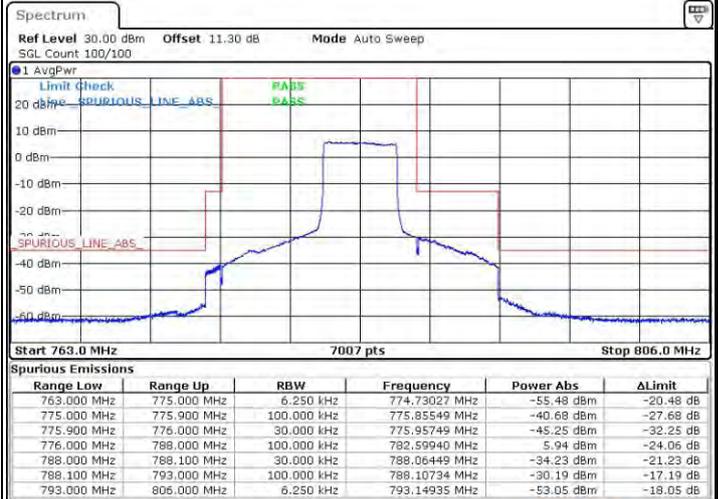
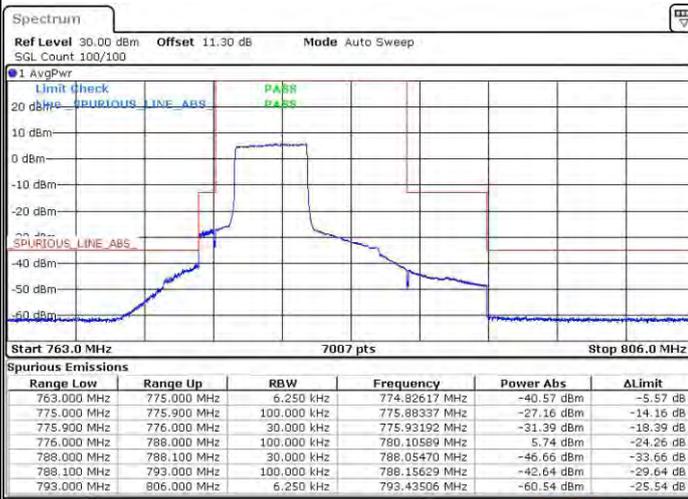


Date: 29 OCT.2015 14:00:03

Date: 1 NOV.2015 14:05:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 OCT.2015 14:05:45

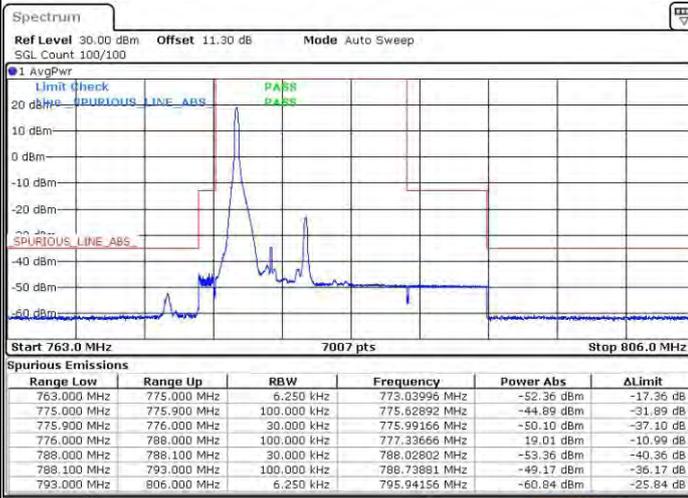
Date: 1 NOV.2015 14:02:00



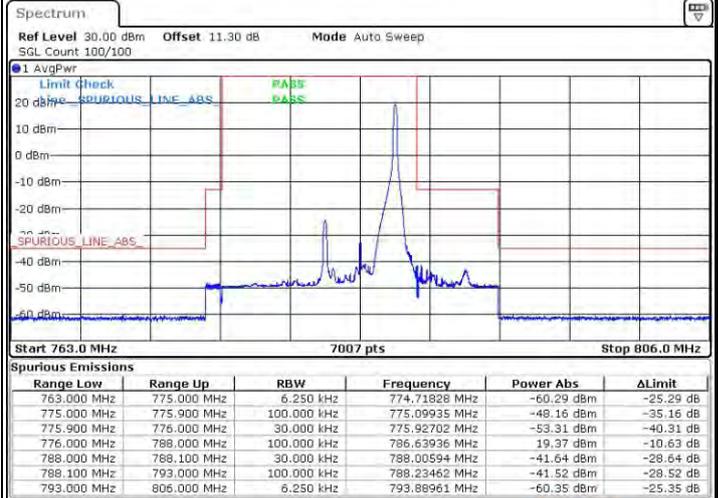
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 29 OCT.2015 14:01:49



Date: 1 NOV.2015 14:04:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 OCT.2015 14:04:13

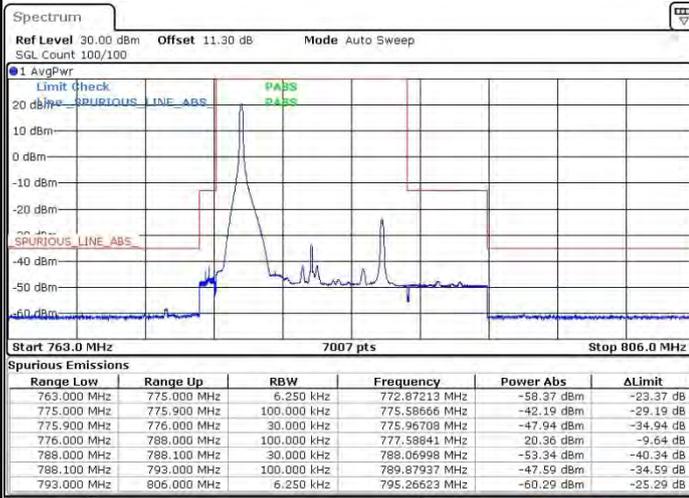


Date: 1 NOV.2015 14:03:10



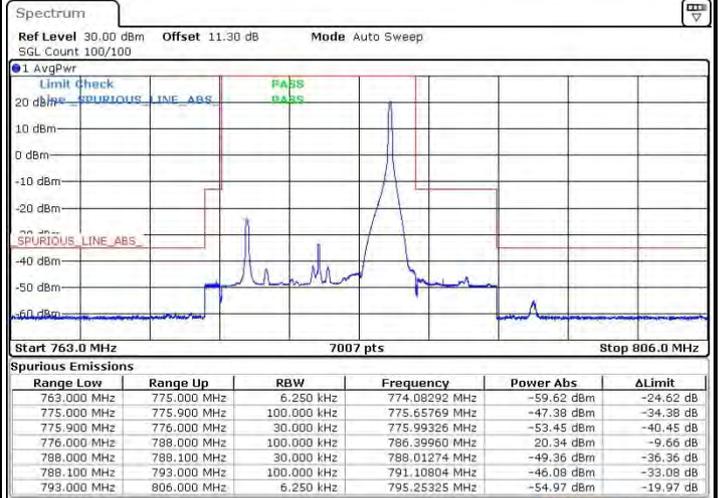
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



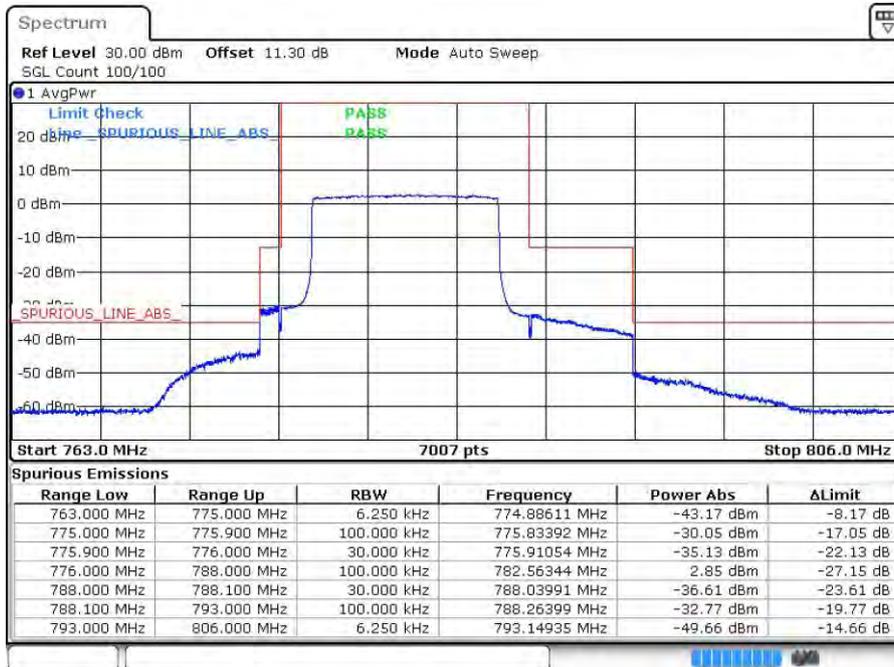
Date: 1 NOV.2015 14:16:49

Highest Band Edge / 1 RB



Date: 1 NOV.2015 14:17:59

Band Edge / Full RB

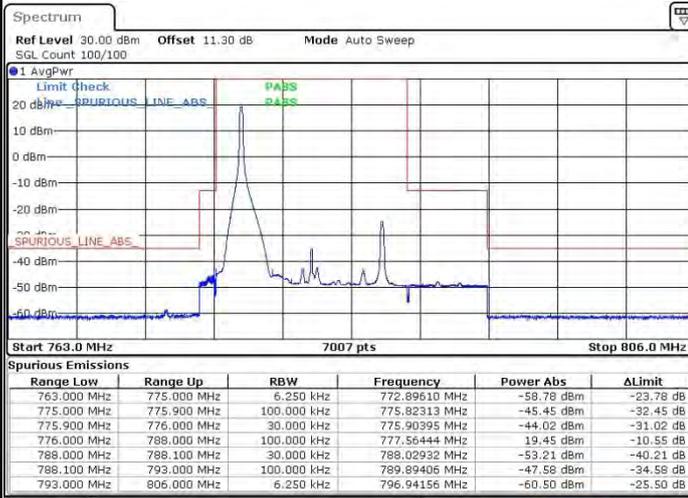


Date: 1 NOV.2015 14:13:19



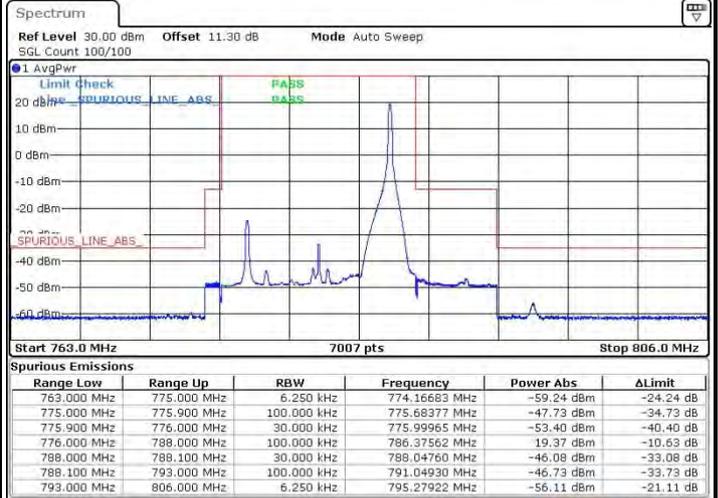
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



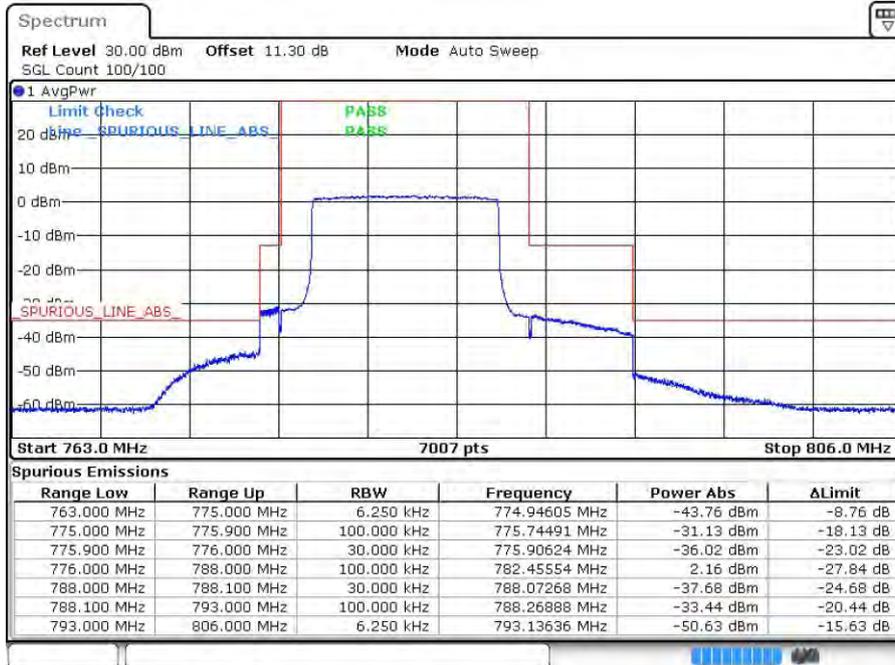
Date: 1 NOV.2015 14:15:39

Highest Band Edge / 1 RB



Date: 1 NOV.2015 14:19:08

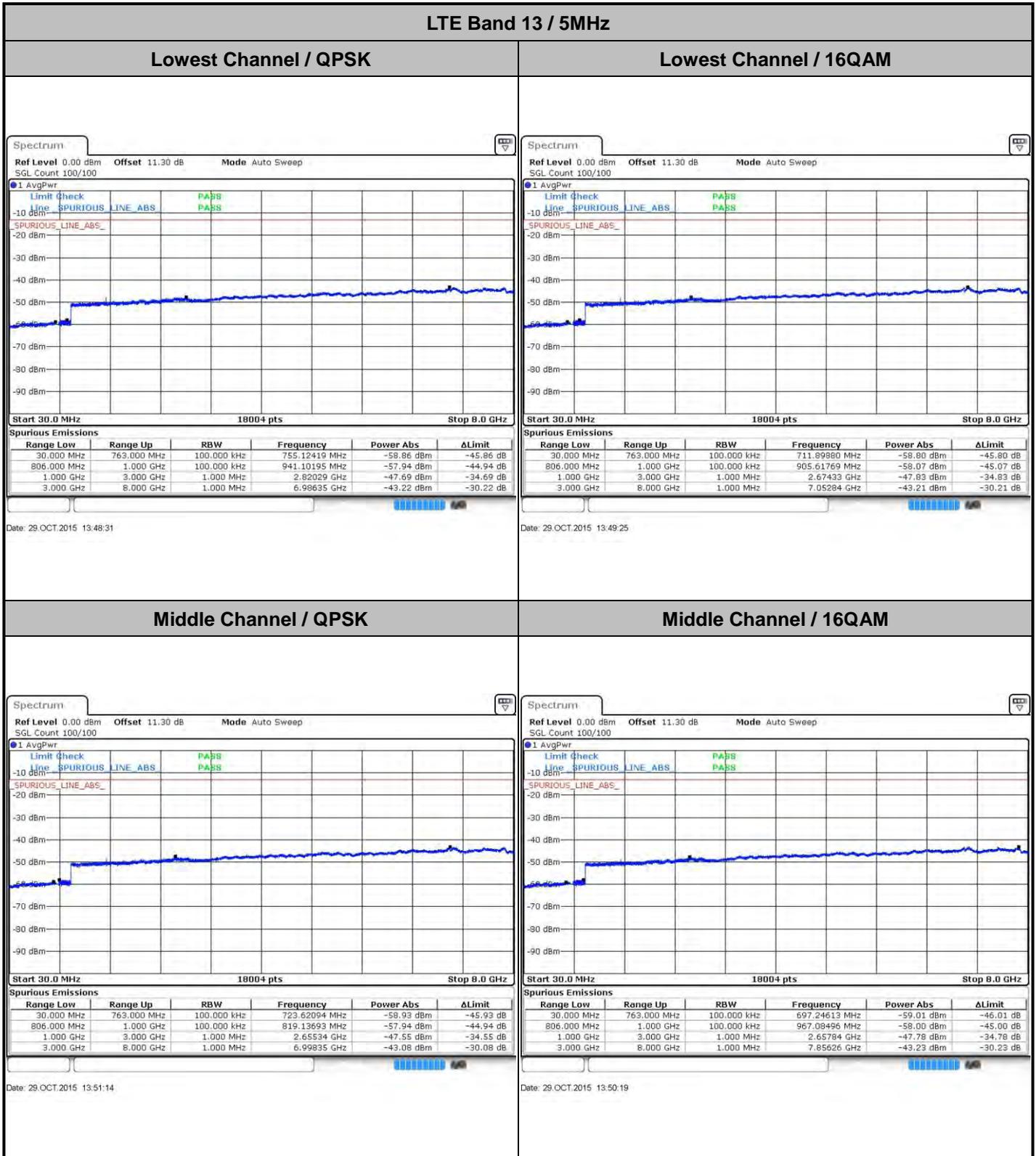
Band Edge / Full RB



Date: 1 NOV.2015 14:14:29



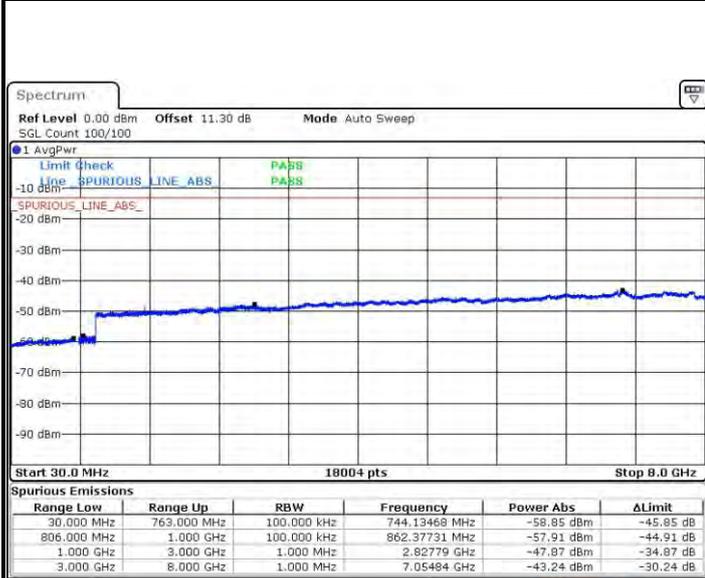
**Conducted Spurious Emission**





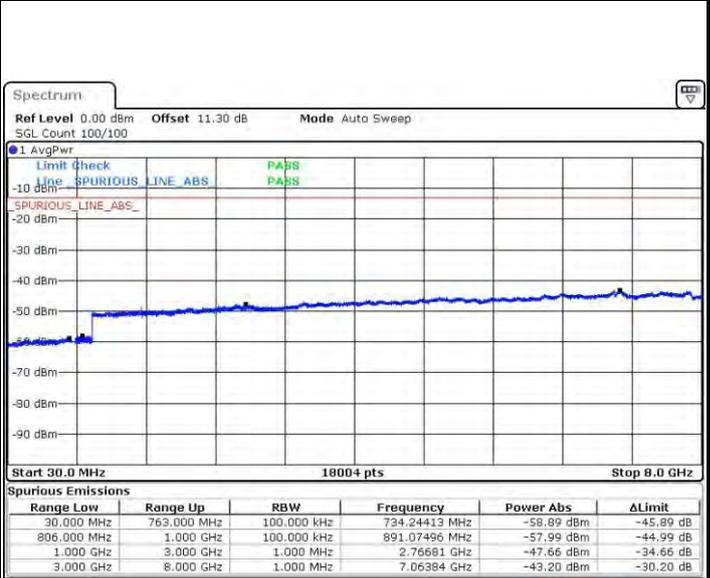
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 29.OCT.2015 13:52:06

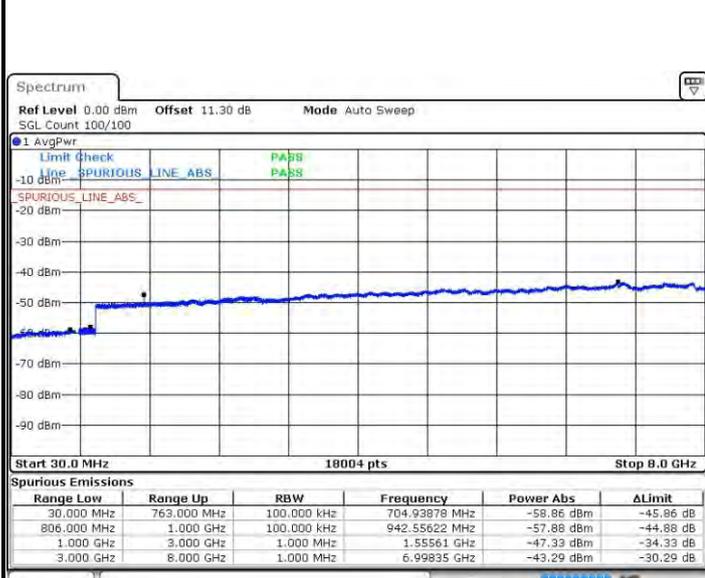
Highest Channel / 16QAM



Date: 29.OCT.2015 13:53:02

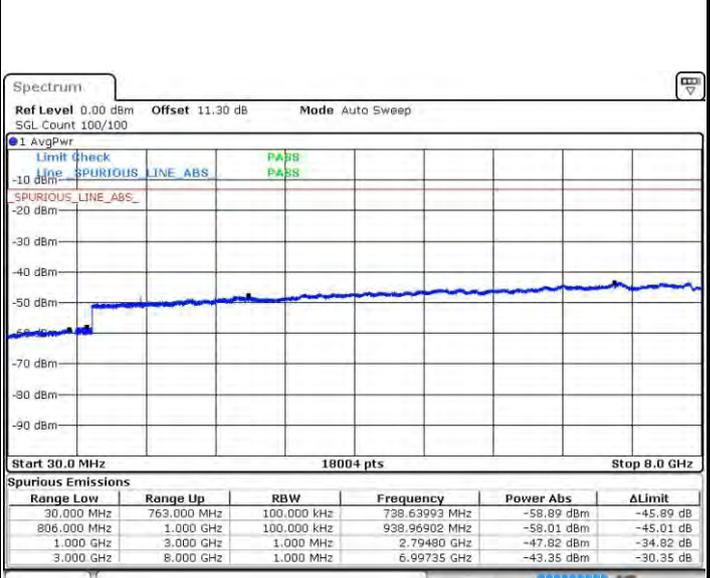
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 29.OCT.2015 13:54:50

Middle Channel / 16QAM



Date: 29.OCT.2015 13:53:56



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0095	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0113	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0100	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0095	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

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



# LTE Band 17

## Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	5.71	5.91	6.58	<b>PASS</b>
Middle CH	4.64	5.54	6.06	6.58	
Highest CH	4.61	5.54	5.91	6.35	