



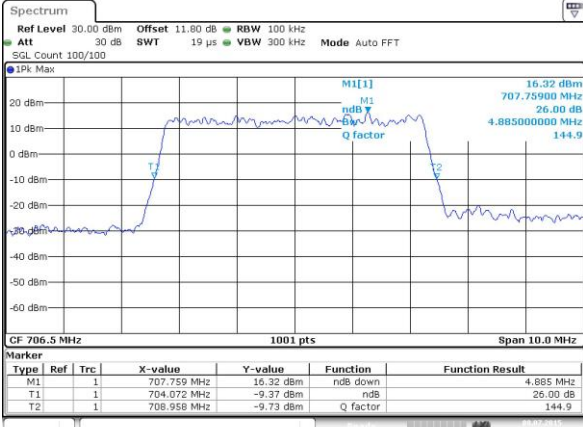
26dB Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.89	4.9	9.73	9.67	-	-	-	-
Middle CH	-	-	-	-	4.94	4.87	9.77	9.83	-	-	-	-
Highest CH	-	-	-	-	4.91	4.85	9.79	9.67	-	-	-	-



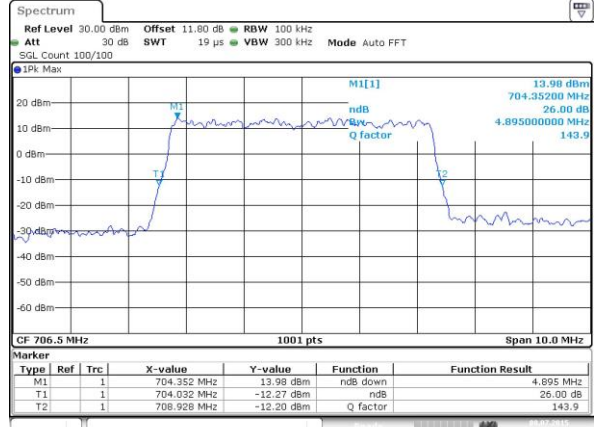
LTE Band 17

Lowest Channel / 5MHz / QPSK



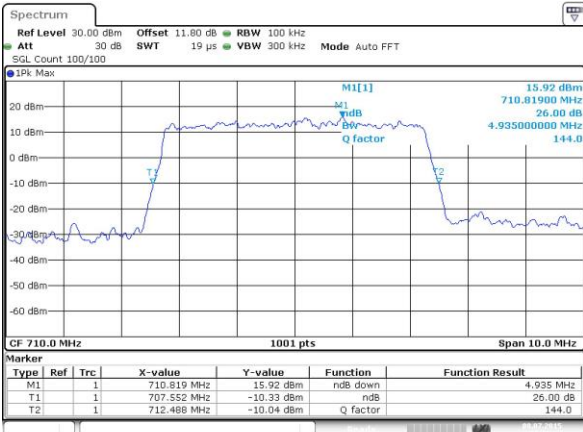
Date: 8 JUL 2015 15:51:20

Lowest Channel / 5MHz / 16QAM



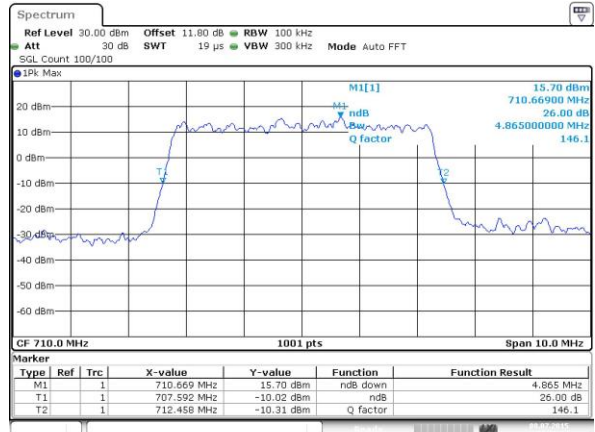
Date: 8 JUL 2015 15:51:32

Middle Channel / 5MHz / QPSK



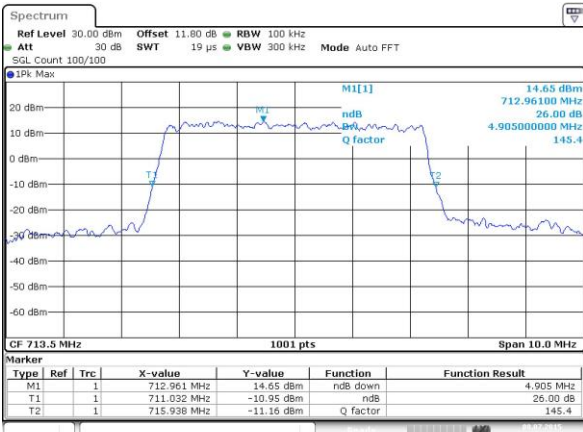
Date: 8 JUL 2015 16:01:43

Middle Channel / 5MHz / 16QAM



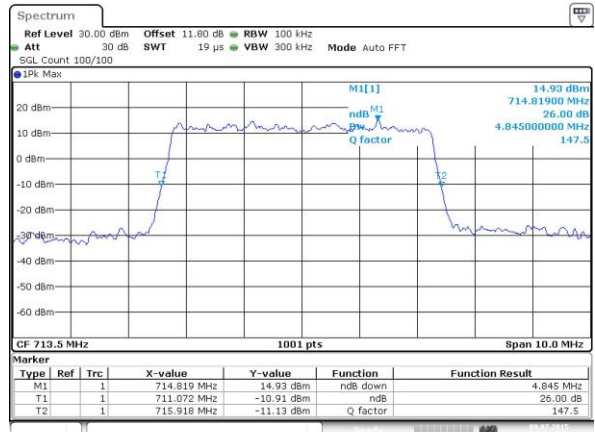
Date: 8 JUL 2015 16:01:55

Highest Channel / 5MHz / QPSK



Date: 8 JUL 2015 16:04:27

Highest Channel / 5MHz / 16QAM

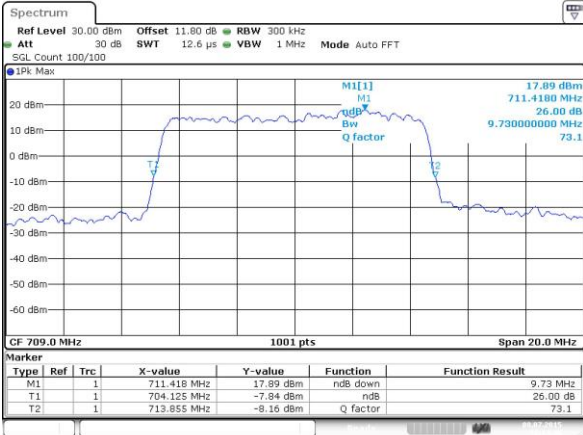


Date: 8 JUL 2015 16:04:38



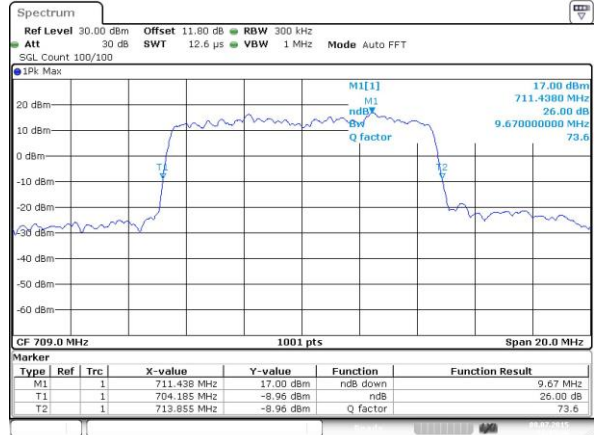
LTE Band 17

Lowest Channel / 10MHz / QPSK



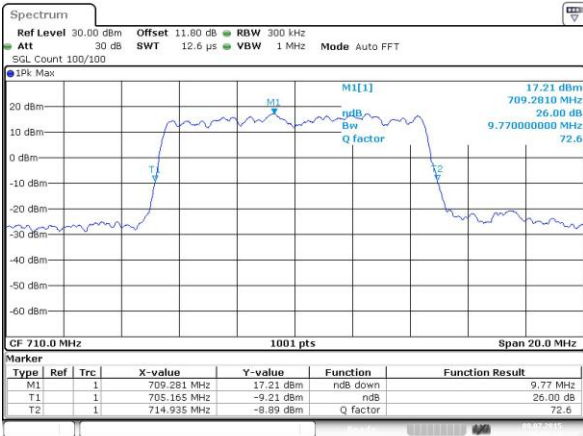
Date: 8 JUL 2015 16:14:49

Lowest Channel / 10MHz / 16QAM



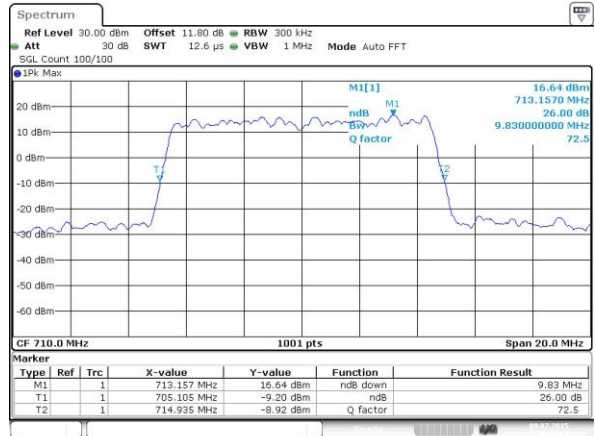
Date: 8 JUL 2015 16:15:00

Middle Channel / 10MHz / QPSK



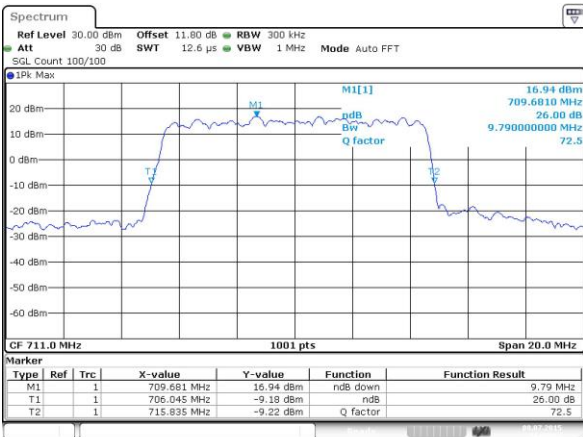
Date: 8 JUL 2015 16:25:10

Middle Channel / 10MHz / 16QAM



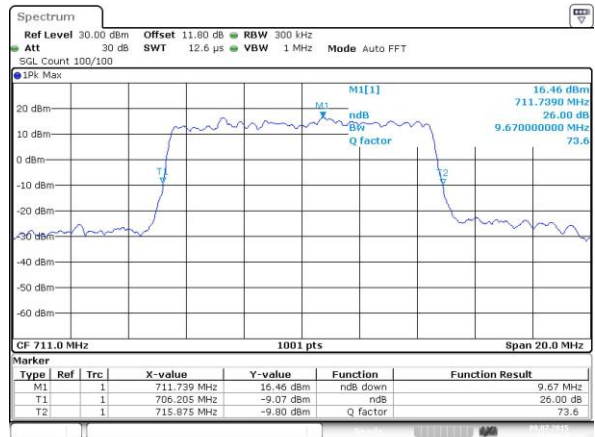
Date: 8 JUL 2015 16:25:21

Highest Channel / 10MHz / QPSK



Date: 8 JUL 2015 16:27:53

Highest Channel / 10MHz / 16QAM



Date: 8 JUL 2015 16:28:05



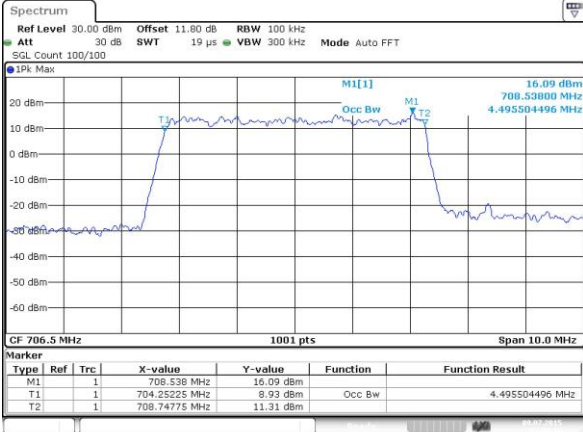
Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.5	4.5	9.01	9.07	-	-	-	-
Middle CH	-	-	-	-	4.48	4.49	9.05	8.97	-	-	-	-
Highest CH	-	-	-	-	4.48	4.48	9.07	8.97	-	-	-	-



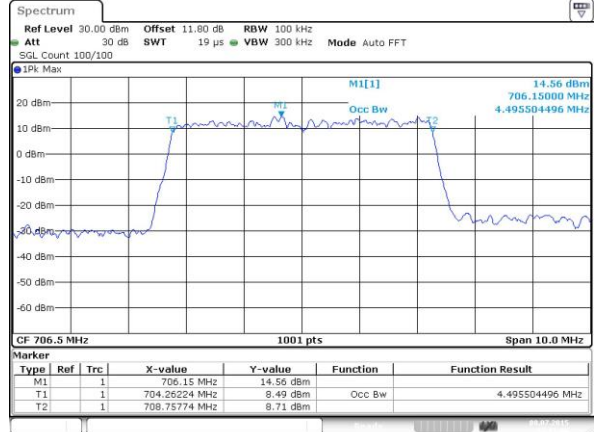
LTE Band 17

Lowest Channel / 5MHz / QPSK



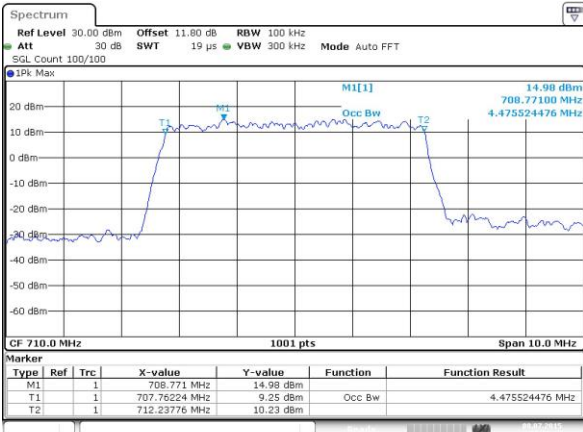
Date: 8 JUL 2015 15:50:56

Lowest Channel / 5MHz / 16QAM



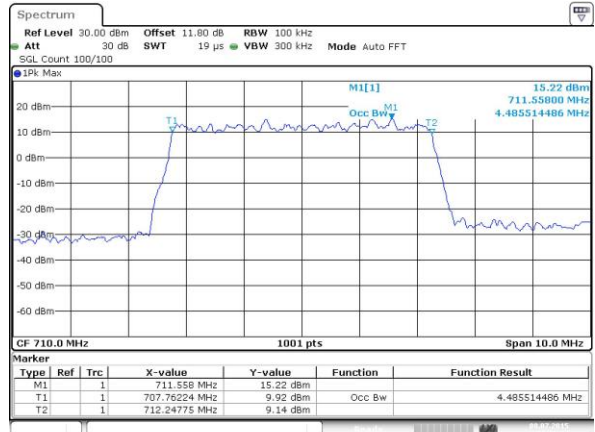
Date: 8 JUL 2015 15:51:09

Middle Channel / 5MHz / QPSK



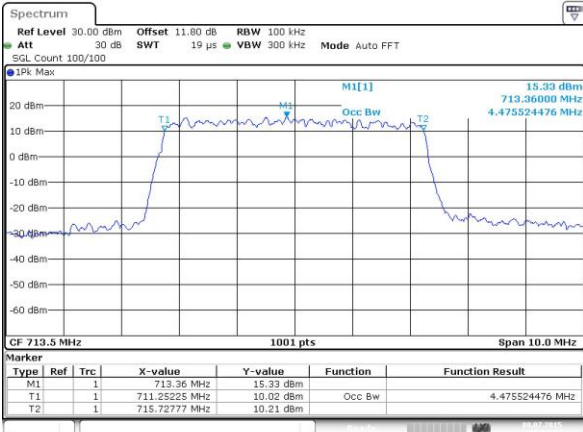
Date: 8 JUL 2015 16:01:19

Middle Channel / 5MHz / 16QAM



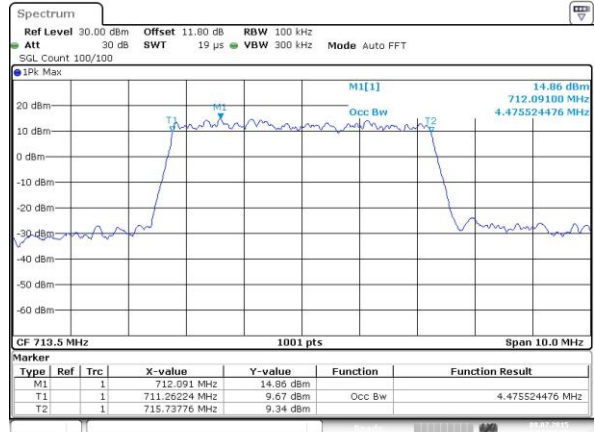
Date: 8 JUL 2015 16:01:31

Highest Channel / 5MHz / QPSK



Date: 8 JUL 2015 16:04:03

Highest Channel / 5MHz / 16QAM

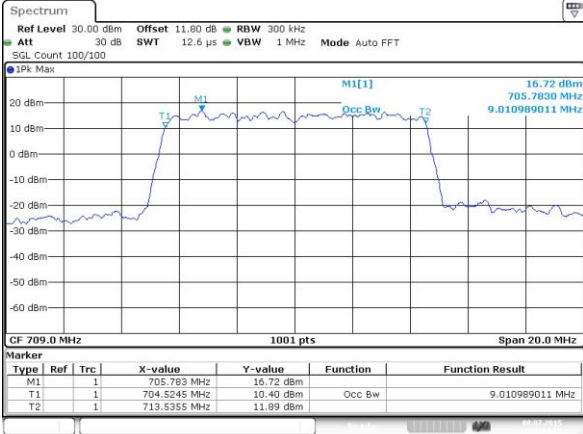


Date: 8 JUL 2015 16:04:15



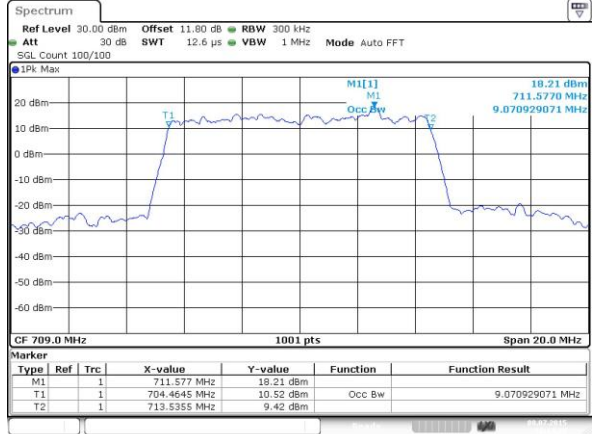
LTE Band 17

Lowest Channel / 10MHz / QPSK



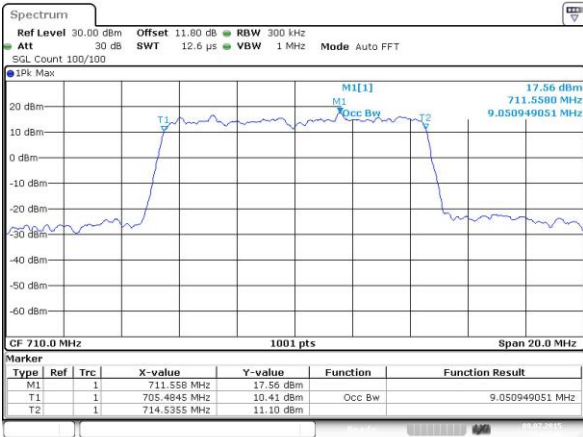
Date: 8 JUL 2015 16:14:25

Lowest Channel / 10MHz / 16QAM



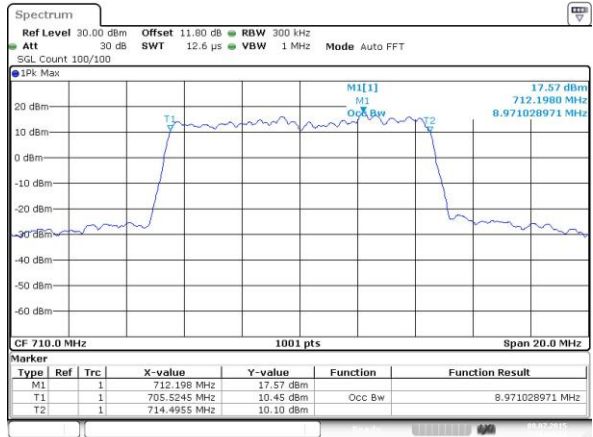
Date: 8 JUL 2015 16:14:37

Middle Channel / 10MHz / QPSK



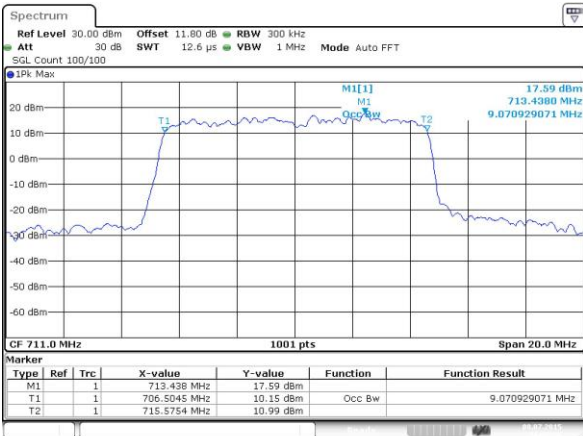
Date: 8 JUL 2015 16:24:47

Middle Channel / 10MHz / 16QAM



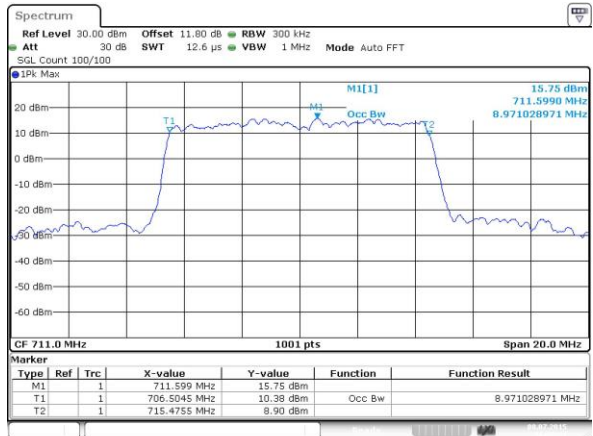
Date: 8 JUL 2015 16:24:58

Highest Channel / 10MHz / QPSK



Date: 8 JUL 2015 16:27:30

Highest Channel / 10MHz / 16QAM



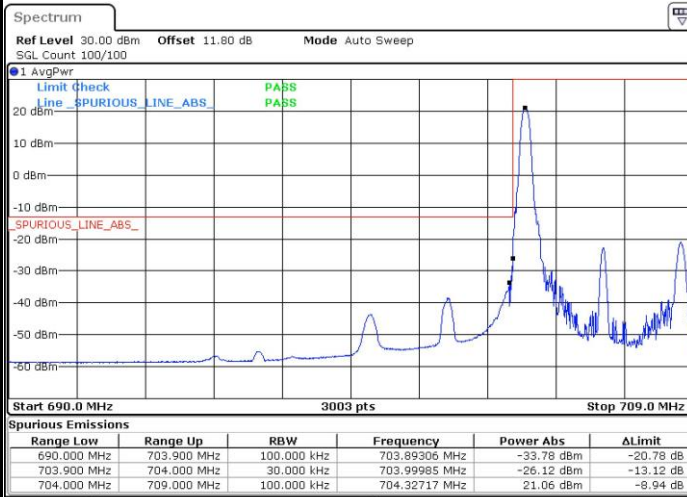
Date: 8 JUL 2015 16:27:41



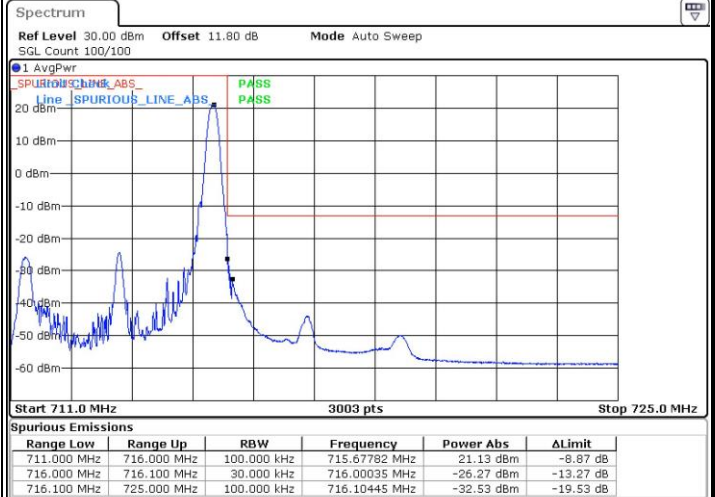
Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

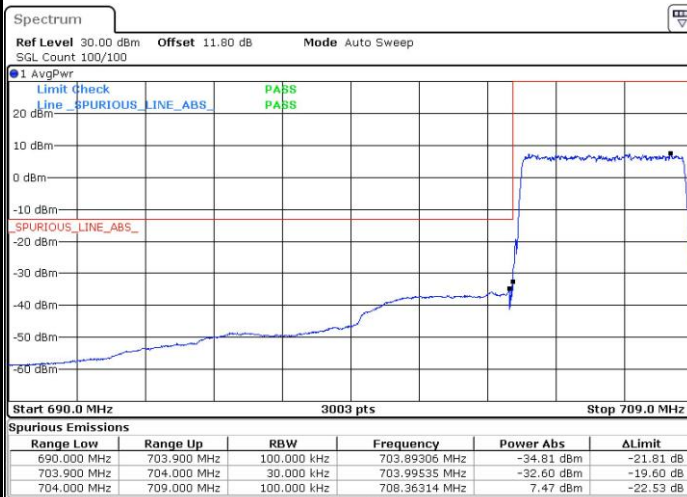
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



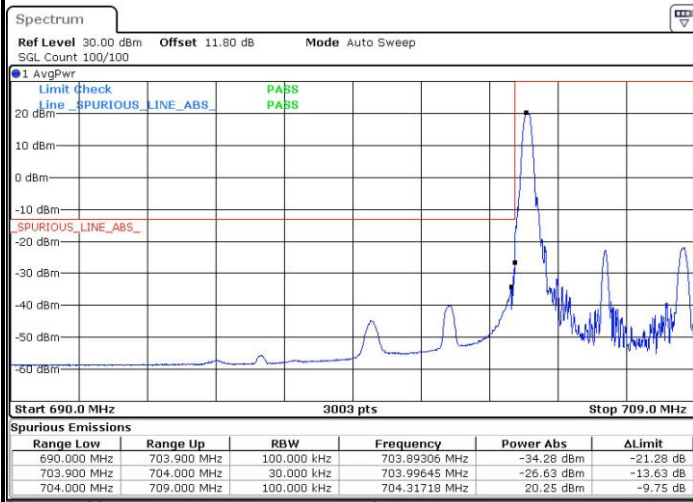
Highest Band Edge / Full RB





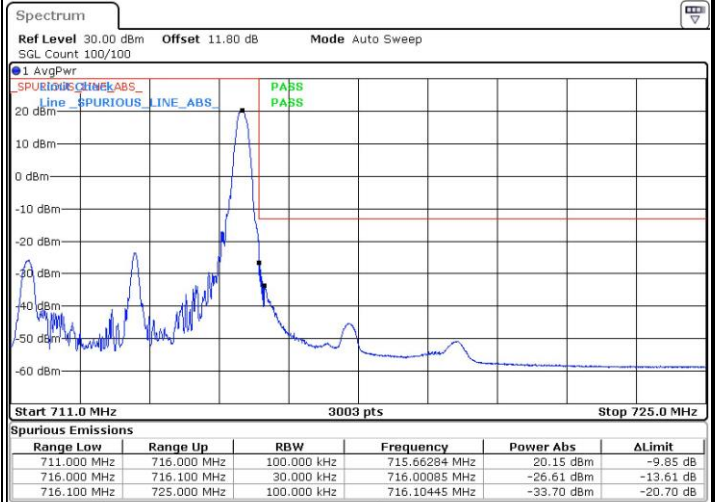
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



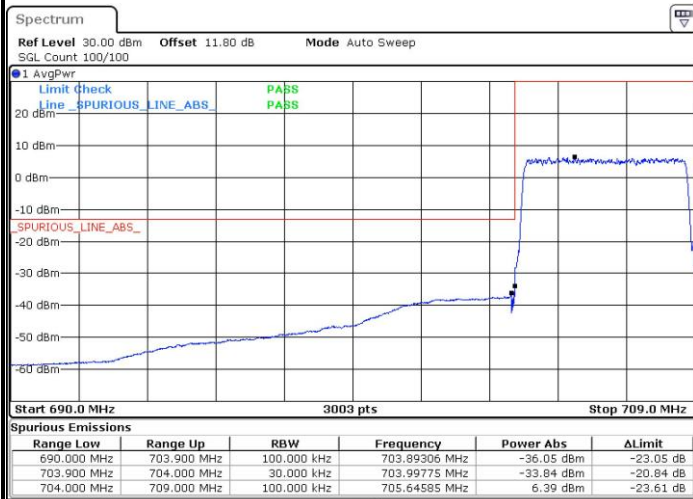
Date: 8.JUL.2015 15:55:21

Highest Band Edge / 1 RB



Date: 8.JUL.2015 16:08:27

Lowest Band Edge / Full RB



Date: 8.JUL.2015 15:59:10

Highest Band Edge / Full RB

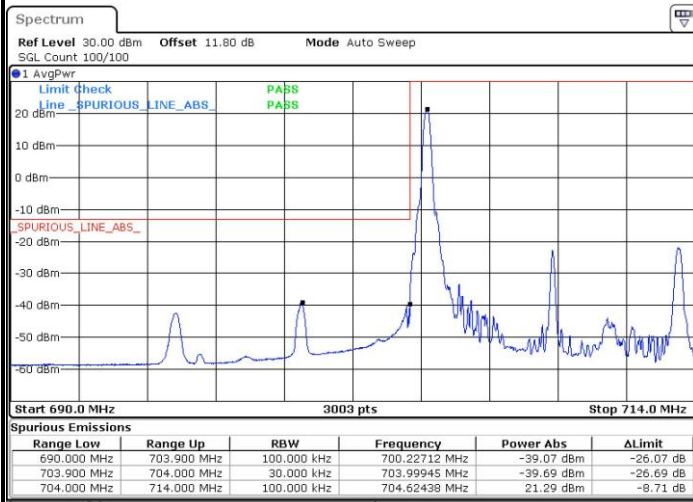


Date: 8.JUL.2015 16:12:16



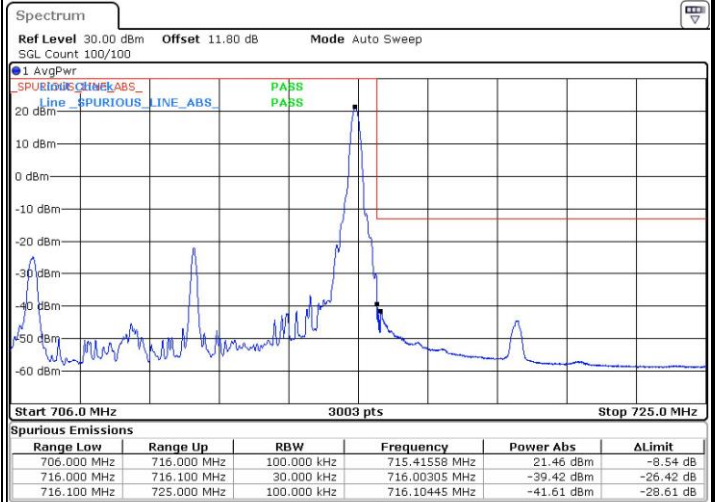
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



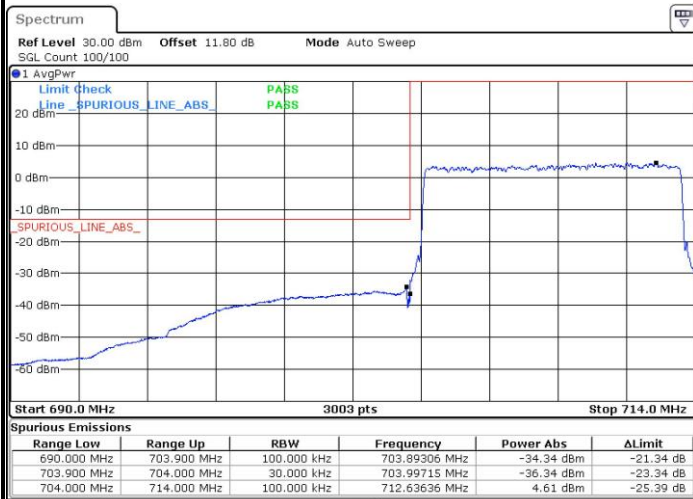
Date: 8.JUL.2015 16:16:54

Highest Band Edge / 1 RB



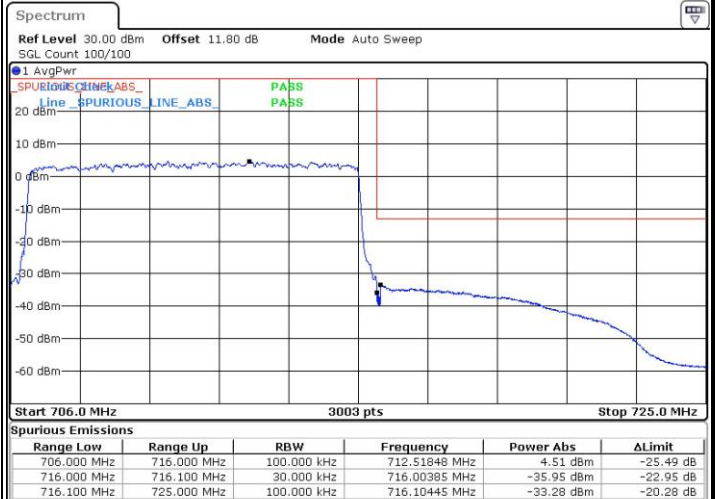
Date: 8.JUL.2015 16:29:59

Lowest Band Edge / Full RB



Date: 8.JUL.2015 16:20:43

Highest Band Edge / Full RB

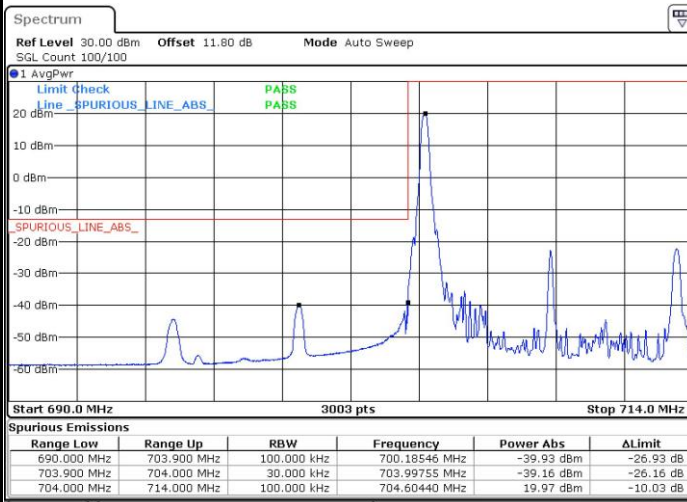


Date: 8.JUL.2015 16:33:48



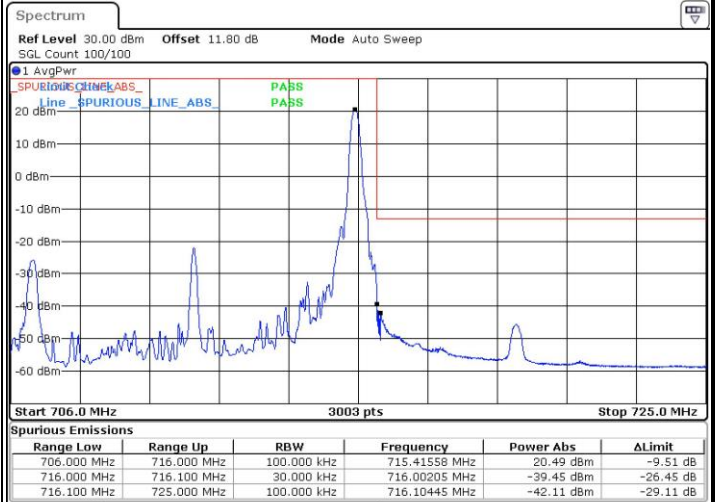
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



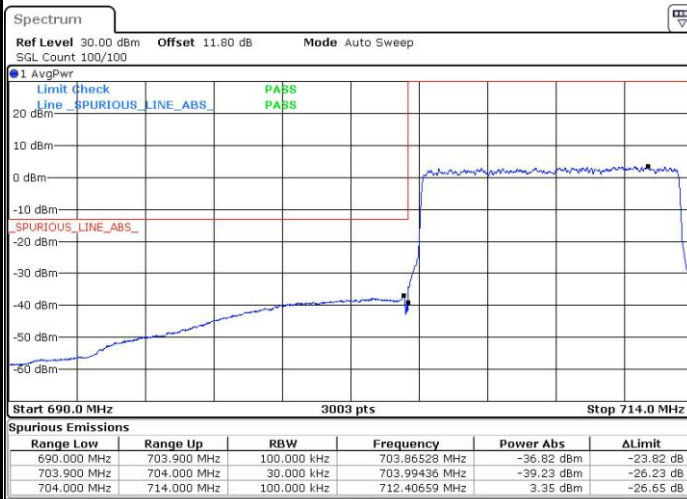
Date: 8.JUL.2015 16:18:49

Highest Band Edge / 1 RB



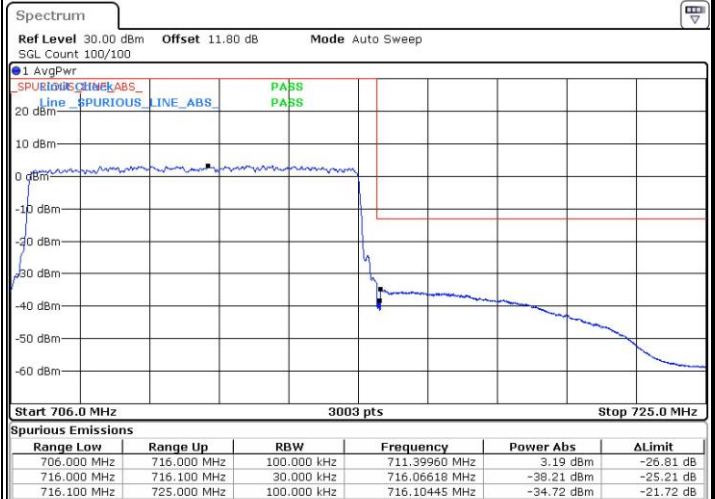
Date: 8.JUL.2015 16:31:53

Lowest Band Edge / Full RB



Date: 8.JUL.2015 16:22:38

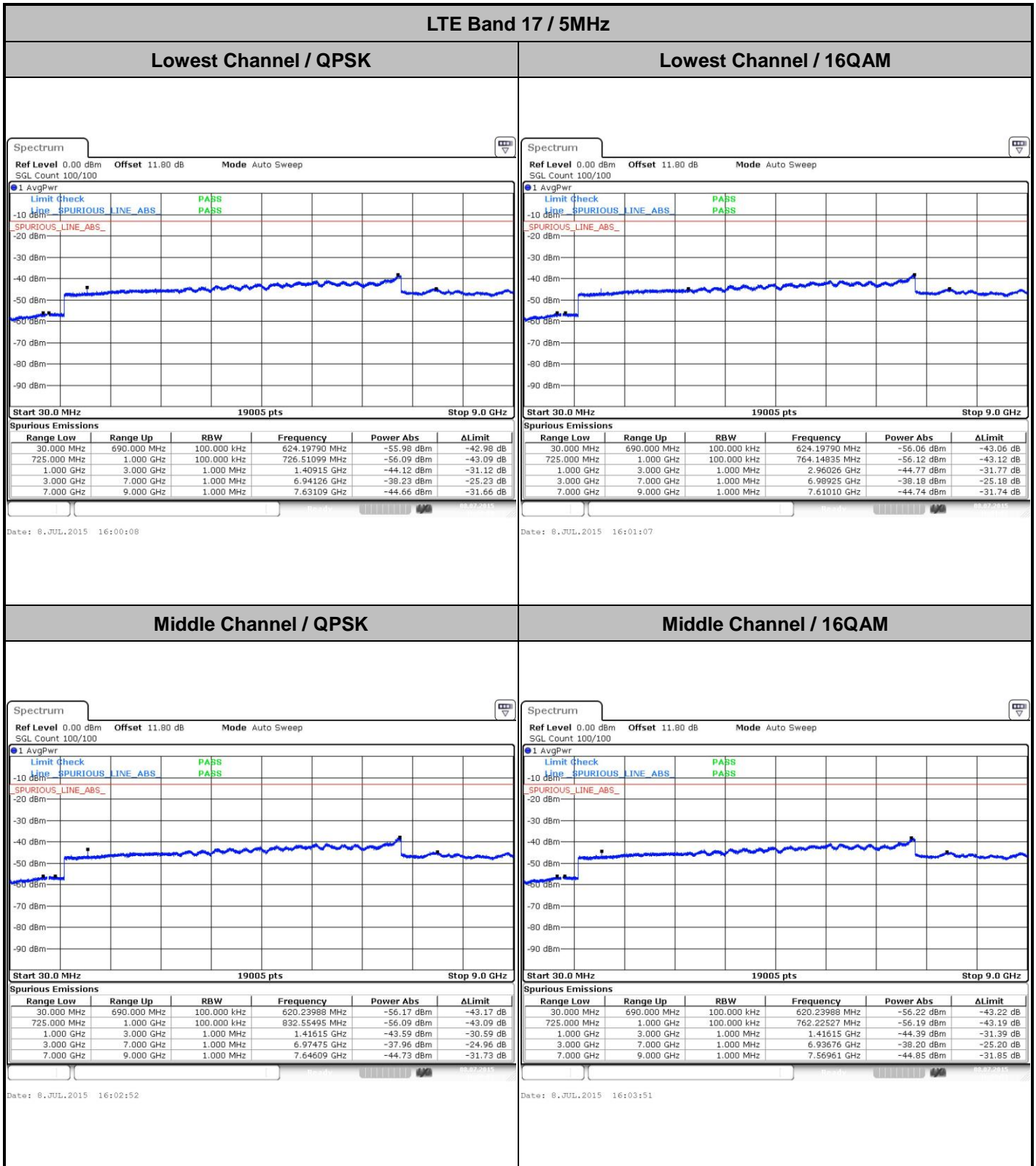
Highest Band Edge / Full RB



Date: 8.JUL.2015 16:35:42



Conducted Spurious Emission

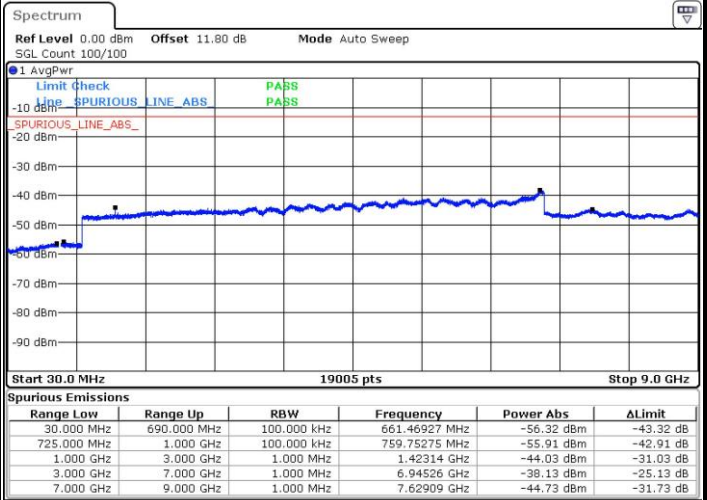




LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



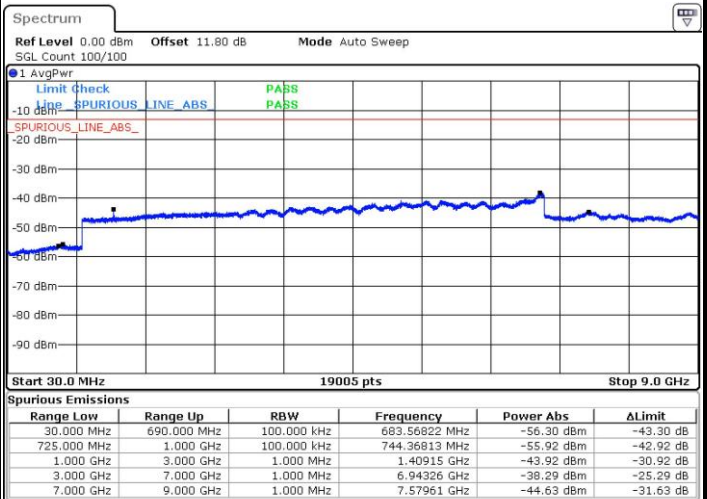
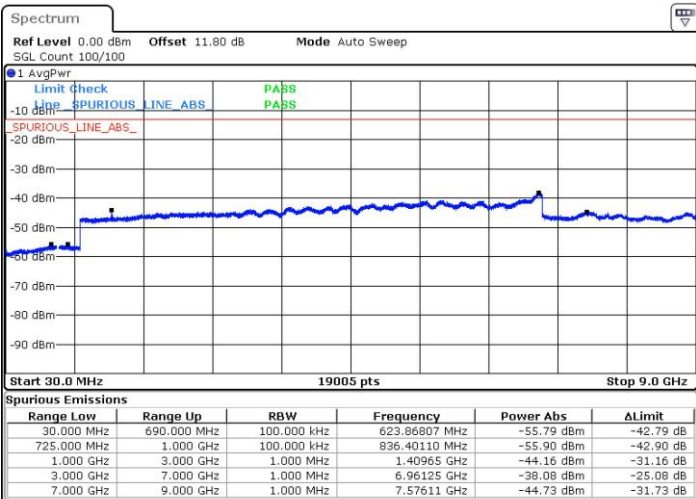
Date: 8.JUL.2015 16:13:14

Date: 8.JUL.2015 16:14:13

LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



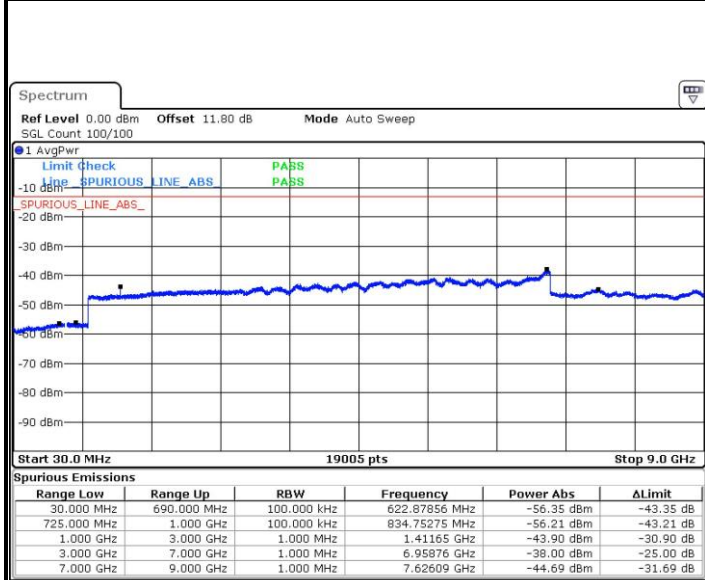
Date: 8.JUL.2015 16:23:36

Date: 8.JUL.2015 16:24:34



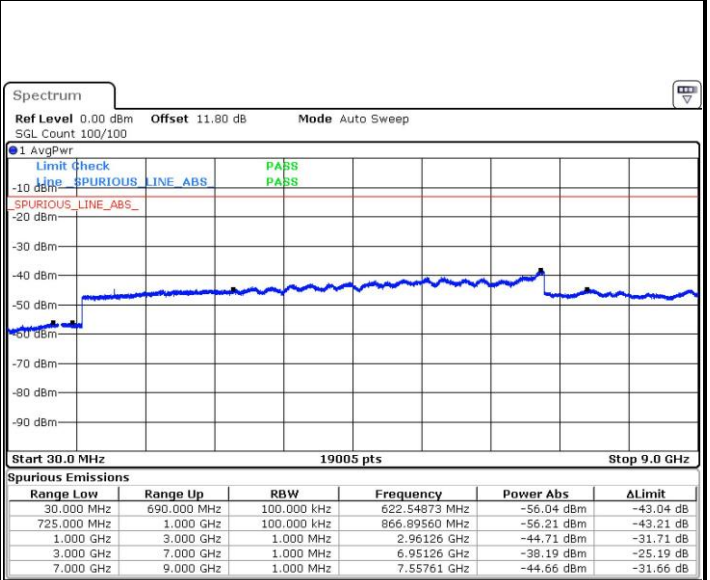
LTE Band 17 / 10MHz

Middle Channel / QPSK



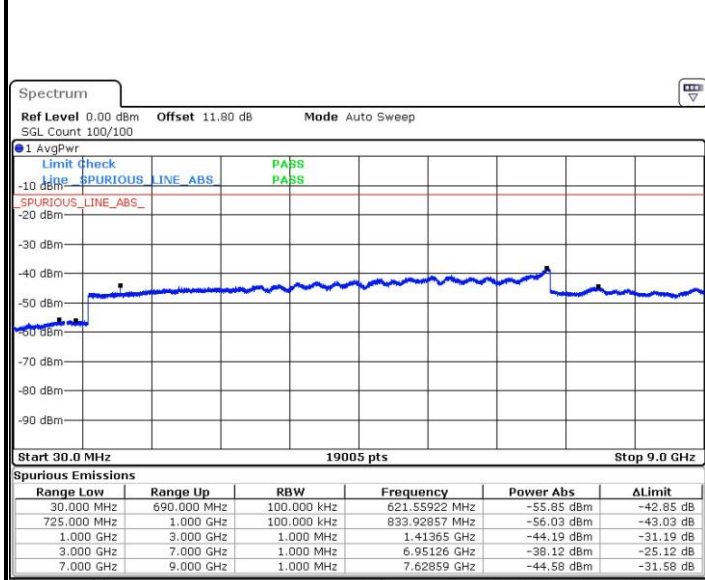
Date: 8.JUL.2015 16:26:19

Middle Channel / 16QAM



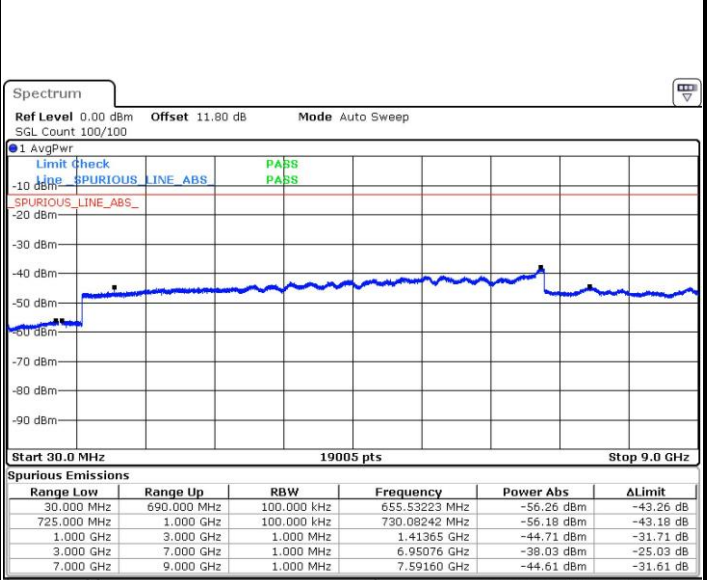
Date: 8.JUL.2015 16:27:17

Highest Channel / QPSK



Date: 8.JUL.2015 16:36:40

Highest Channel / 16QAM



Date: 8.JUL.2015 16:37:39



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage = 3.9 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.