



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	5.04	4.75	5.59	5.80	PASS
Middle CH	5.28	4.87	6.17	5.77	
Highest CH	5.13	4.87	6.38	5.74	



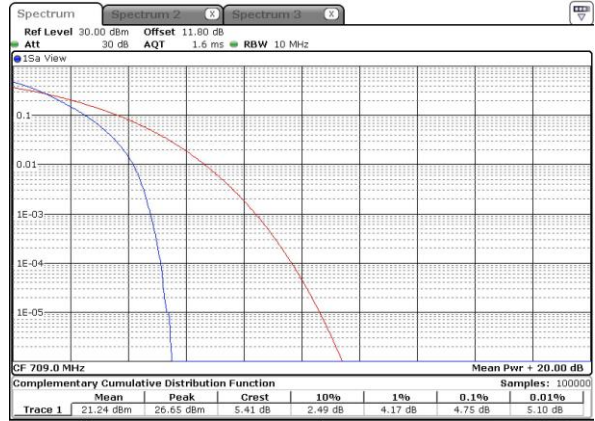
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



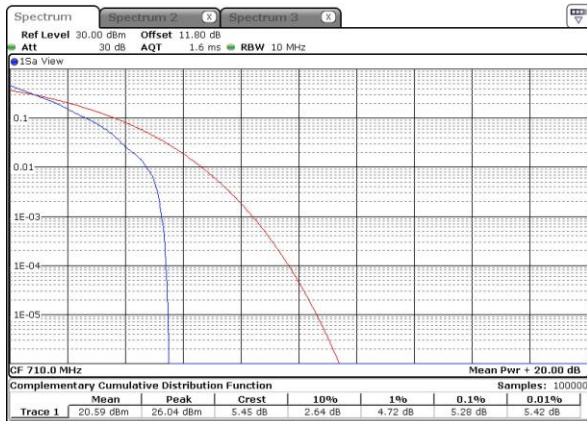
Date: 28 JUL 2015 01:11:46

Lowest Channel / Full RB



Date: 28 JUL 2015 01:12:00

Middle Channel / 1RB



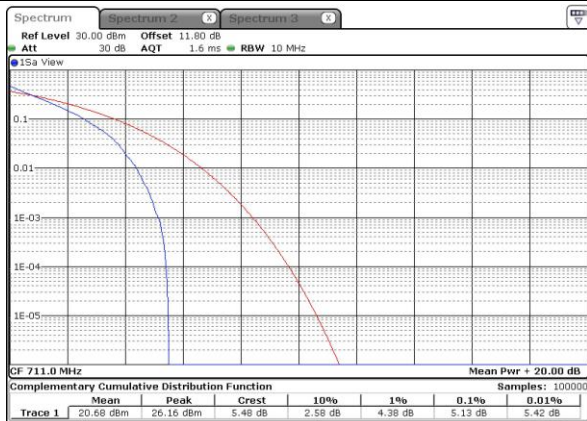
Date: 28 JUL 2015 01:12:15

Middle Channel / Full RB



Date: 28 JUL 2015 01:12:26

Highest Channel / 1RB



Date: 28 JUL 2015 01:12:35

Highest Channel / Full RB

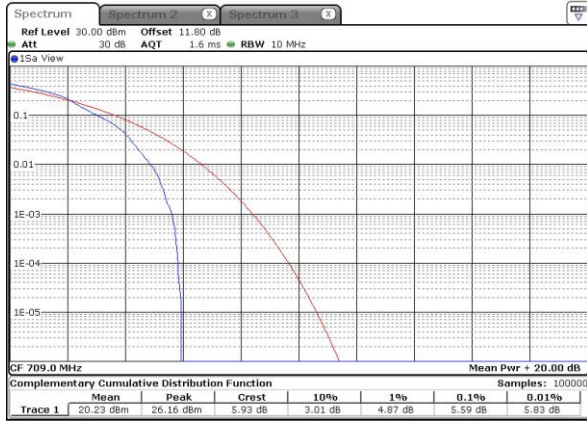


Date: 28 JUL 2015 01:12:45



LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



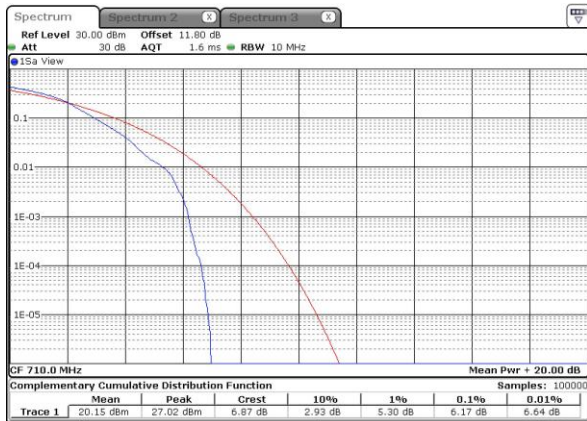
Date: 28 JUL 2015 01:08:27

Lowest Channel / Full RB



Date: 28 JUL 2015 01:08:41

Middle Channel / 1RB



Date: 28 JUL 2015 01:08:52

Middle Channel / Full RB



Date: 28 JUL 2015 01:09:06

Highest Channel / 1RB



Date: 28 JUL 2015 01:09:20

Highest Channel / Full RB



Date: 28 JUL 2015 01:11:35



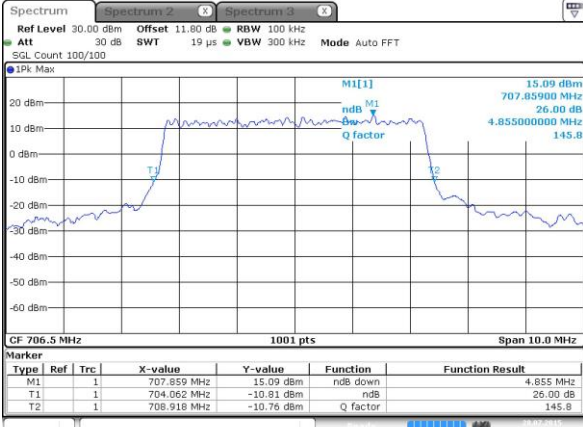
26dB Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.86	4.86	10.19	10.11	-	-	-	-
Middle CH	-	-	-	-	4.99	4.95	9.97	9.81	-	-	-	-
Highest CH	-	-	-	-	4.92	5.00	9.87	10.05	-	-	-	-



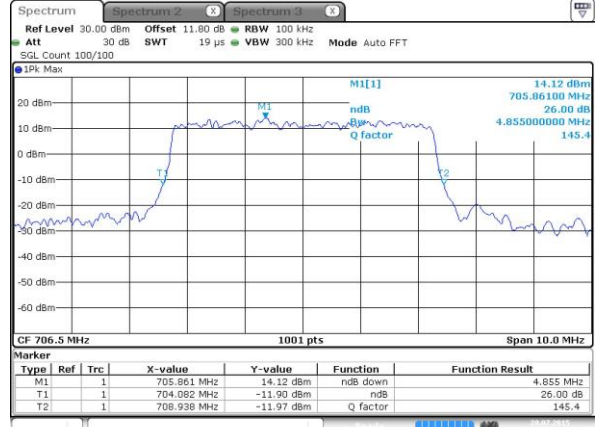
LTE Band 17

Lowest Channel / 5MHz / QPSK



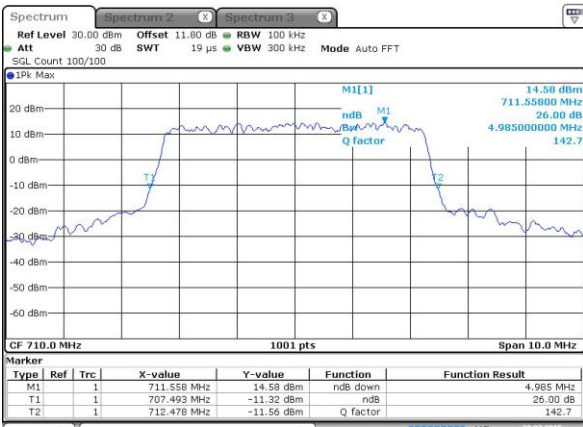
Date: 28 JUL 2015 00:22:57

Lowest Channel / 5MHz / 16QAM



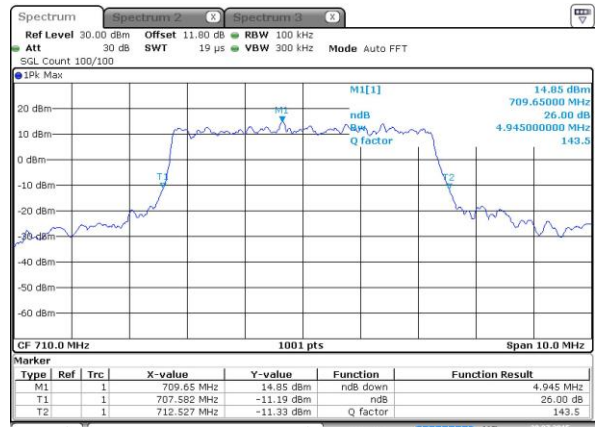
Date: 28 JUL 2015 00:23:08

Middle Channel / 5MHz / QPSK



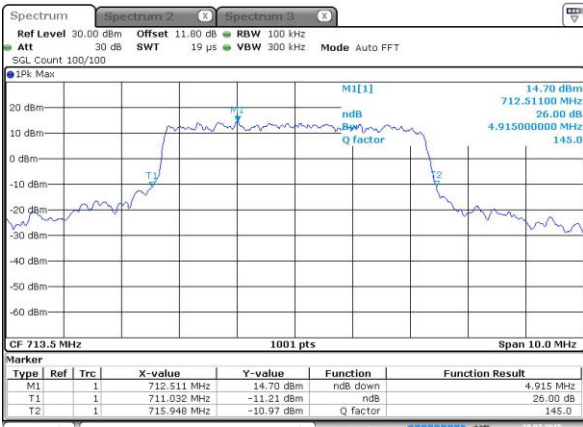
Date: 28 JUL 2015 00:33:06

Middle Channel / 5MHz / 16QAM



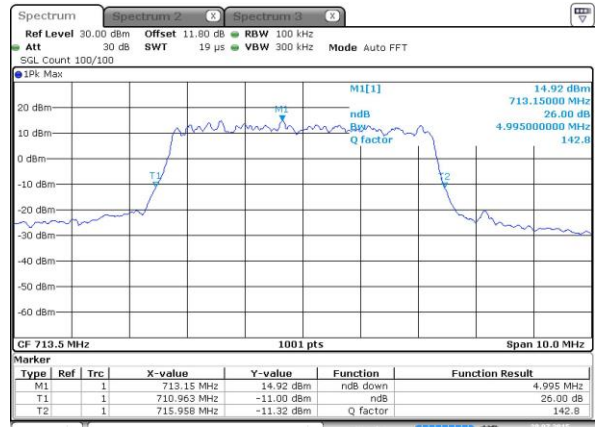
Date: 28 JUL 2015 00:33:16

Highest Channel / 5MHz / QPSK



Date: 28 JUL 2015 00:35:37

Highest Channel / 5MHz / 16QAM

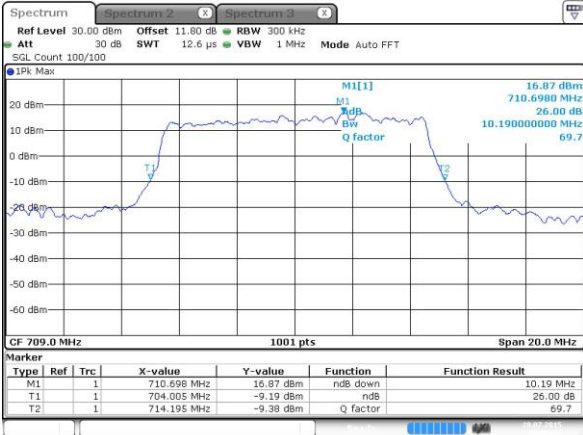


Date: 28 JUL 2015 00:35:48



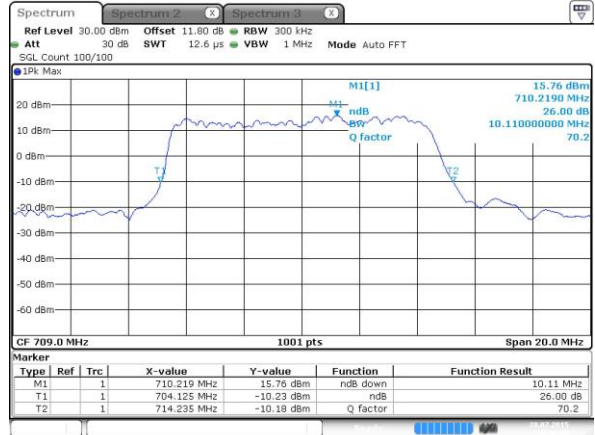
LTE Band 17

Lowest Channel / 10MHz / QPSK



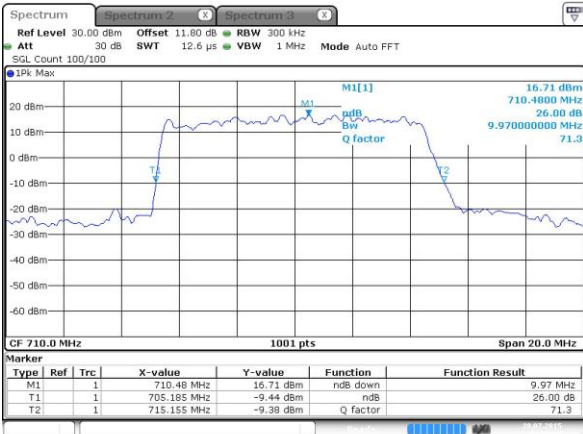
Date: 28 JUL 2015 00:45:50

Lowest Channel / 10MHz / 16QAM



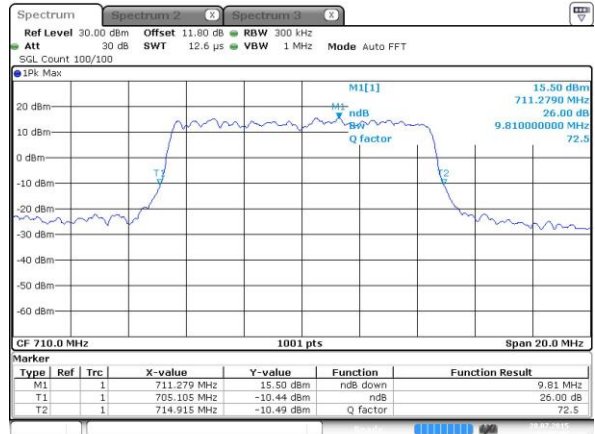
Date: 28 JUL 2015 00:46:01

Middle Channel / 10MHz / QPSK



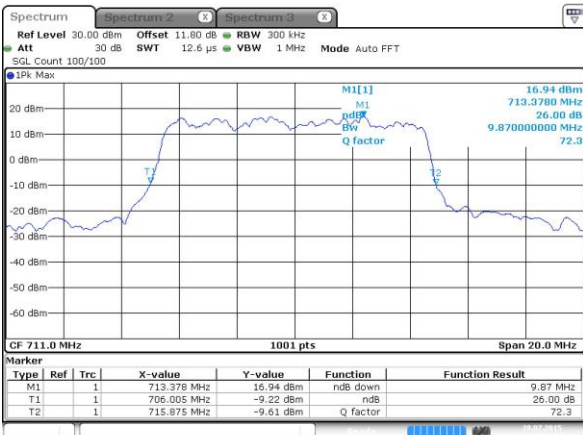
Date: 28 JUL 2015 00:55:59

Middle Channel / 10MHz / 16QAM



Date: 28 JUL 2015 00:56:09

Highest Channel / 10MHz / QPSK



Date: 28 JUL 2015 00:58:30

Highest Channel / 10MHz / 16QAM



Date: 28 JUL 2015 00:58:40



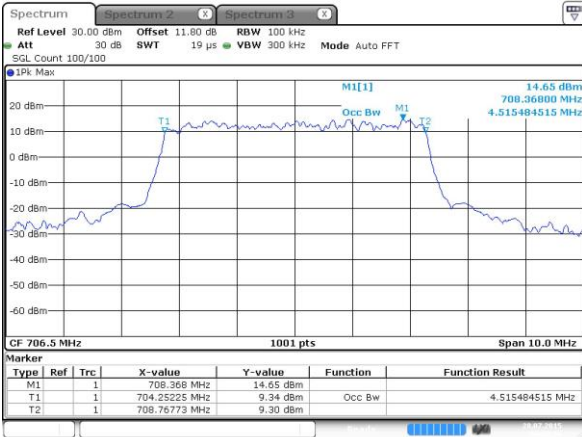
Occupied Bandwidth

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
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.49	9.17	9.03	-	-	-	-
Middle CH	-	-	-	-	4.49	4.48	8.97	8.97	-	-	-	-
Highest CH	-	-	-	-	4.48	4.47	9.03	8.97	-	-	-	-



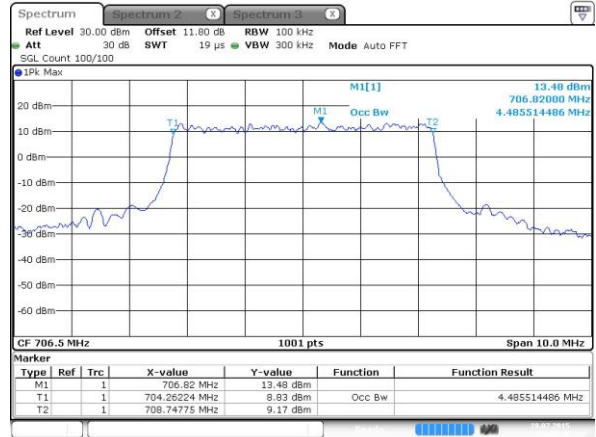
LTE Band 17

Lowest Channel / 5MHz / QPSK



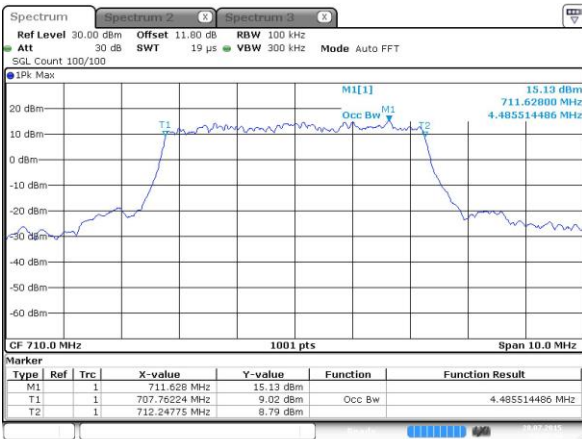
Date: 28 JUL 2015 00:22:36

Lowest Channel / 5MHz / 16QAM



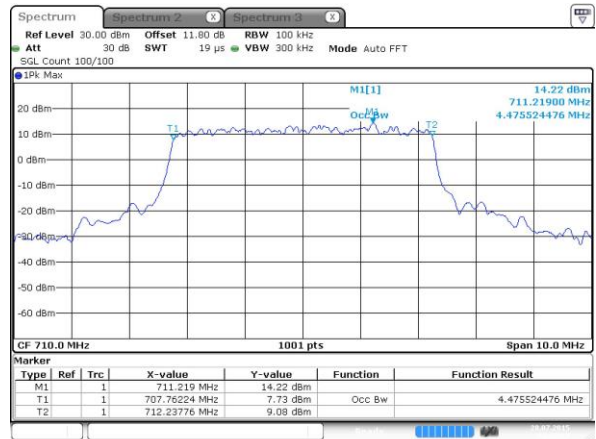
Date: 28 JUL 2015 00:22:46

Middle Channel / 5MHz / QPSK



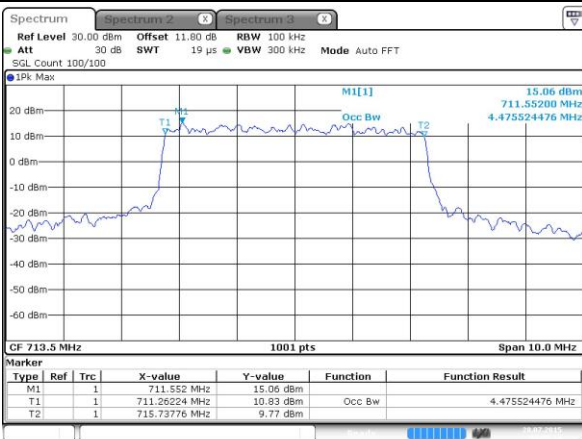
Date: 28 JUL 2015 00:32:45

Middle Channel / 5MHz / 16QAM



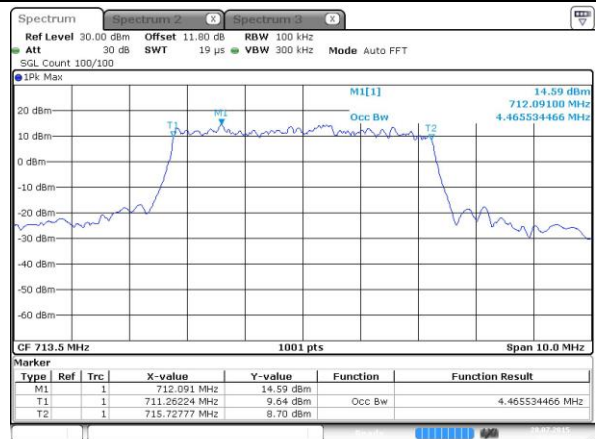
Date: 28 JUL 2015 00:32:55

Highest Channel / 5MHz / QPSK



Date: 28 JUL 2015 00:35:16

Highest Channel / 5MHz / 16QAM

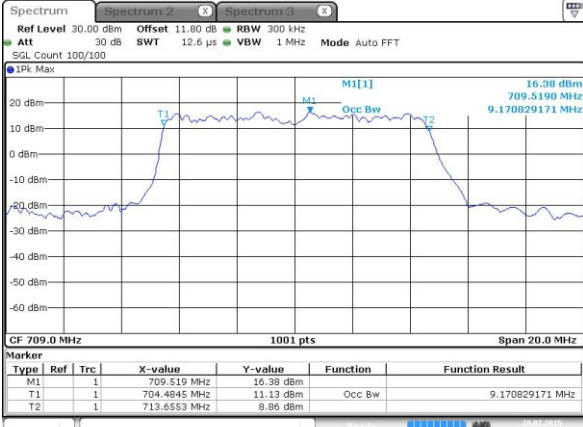


Date: 28 JUL 2015 00:35:27



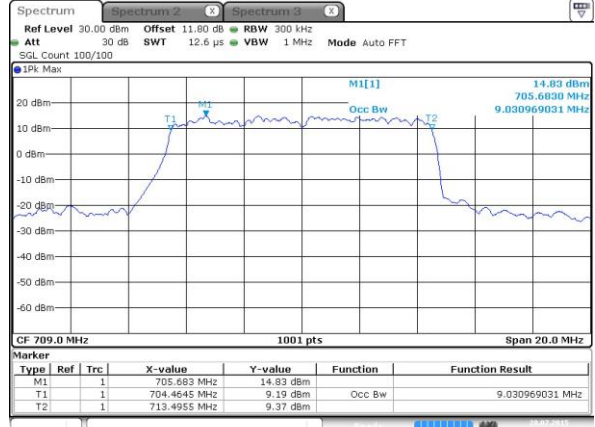
LTE Band 17

Lowest Channel / 10MHz / QPSK



Date: 28 JUL 2015 00:45:29

Lowest Channel / 10MHz / 16QAM



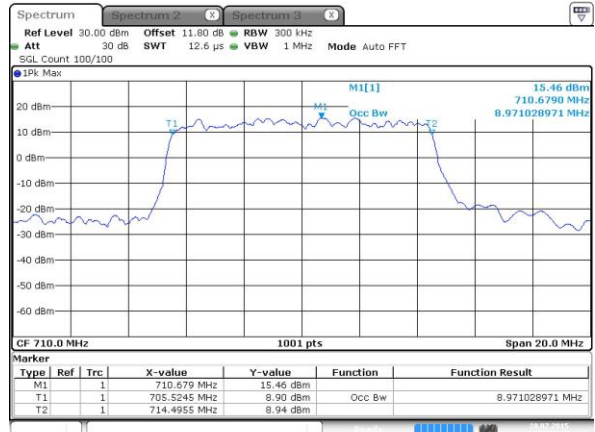
Date: 28 JUL 2015 00:45:40

Middle Channel / 10MHz / QPSK



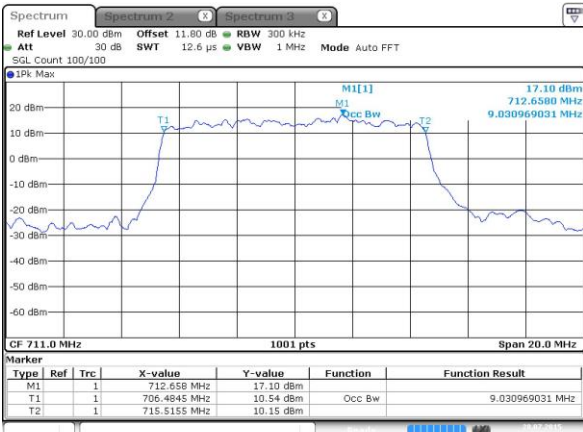
Date: 28 JUL 2015 00:55:37

Middle Channel / 10MHz / 16QAM



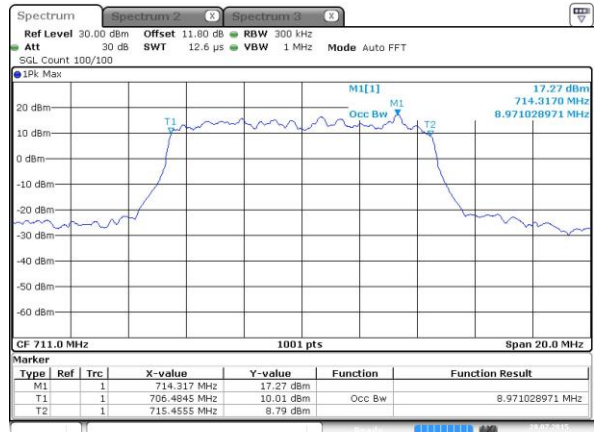
Date: 28 JUL 2015 00:55:48

Highest Channel / 10MHz / QPSK



Date: 28 JUL 2015 00:58:09

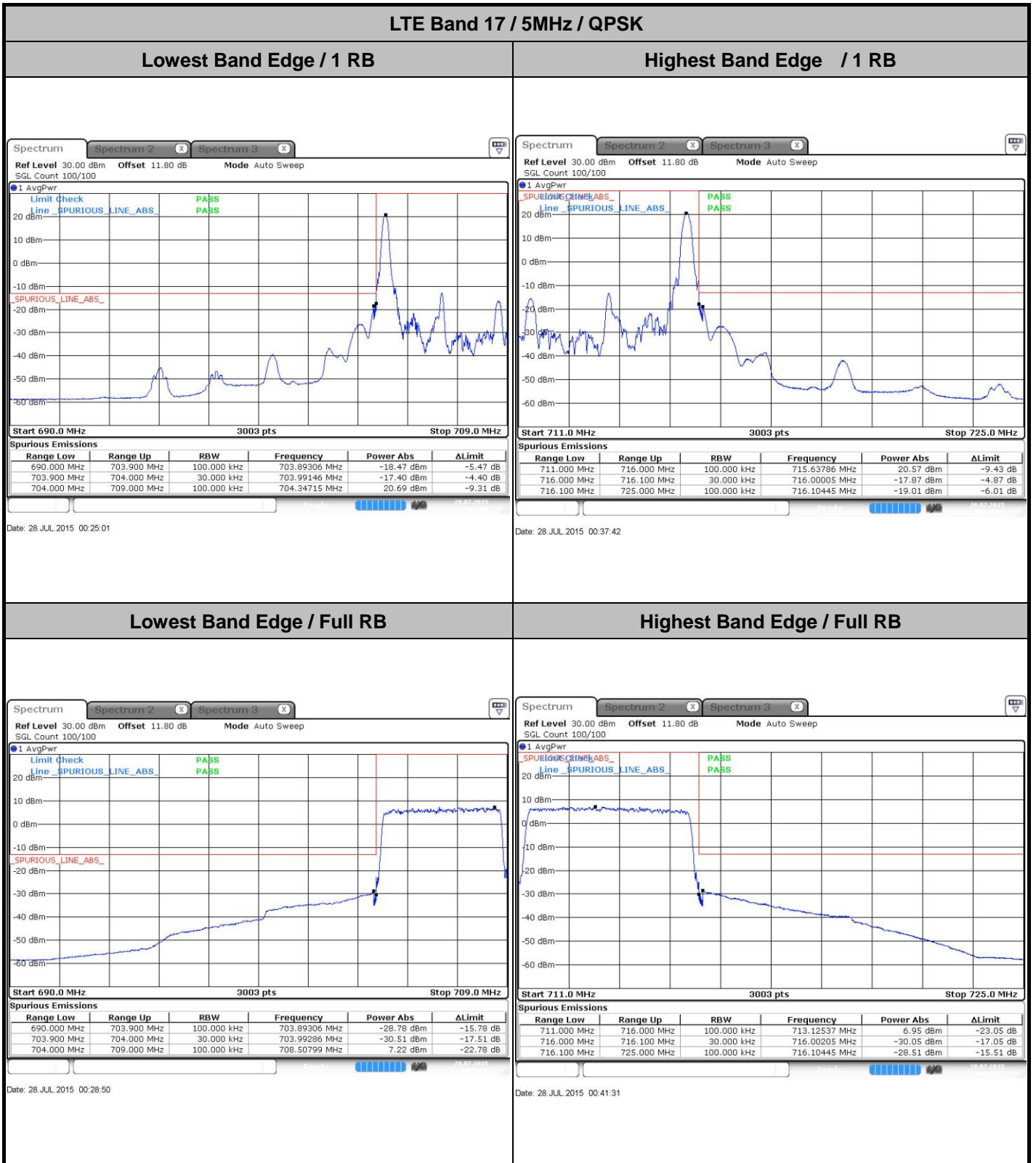
Highest Channel / 10MHz / 16QAM



Date: 28 JUL 2015 00:58:19



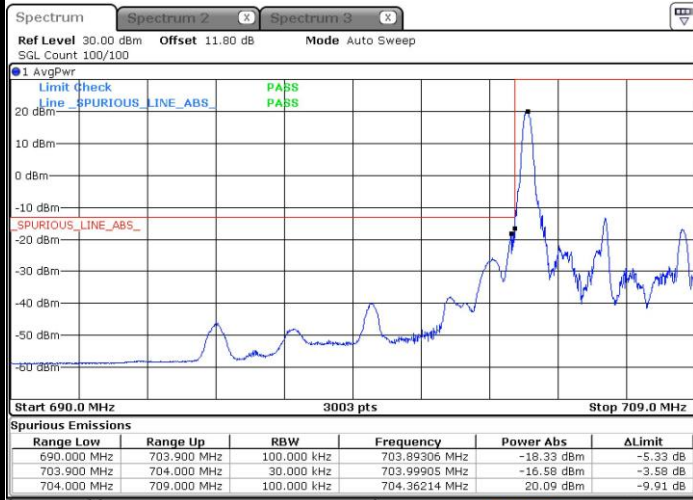
Conducted Band Edge





LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



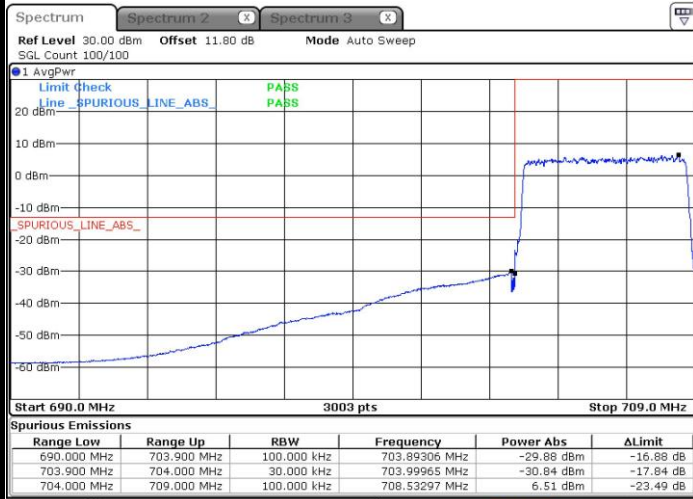
Date: 28 JUL 2015 00:26:56

Highest Band Edge / 1 RB



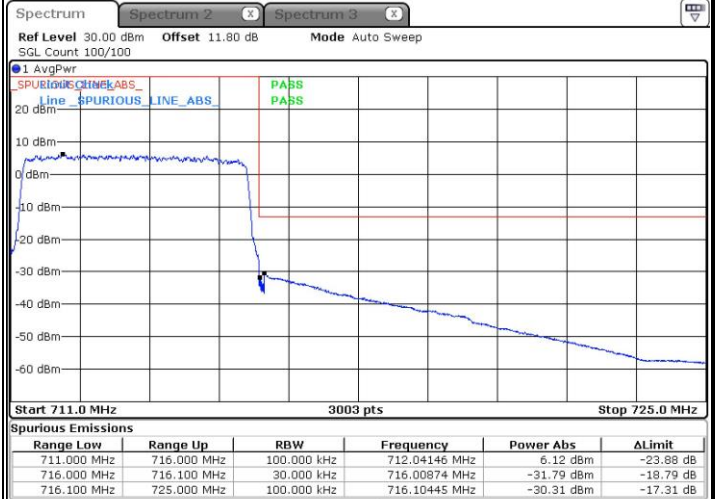
Date: 28 JUL 2015 00:39:36

Lowest Band Edge / Full RB



Date: 28 JUL 2015 00:30:45

Highest Band Edge / Full RB

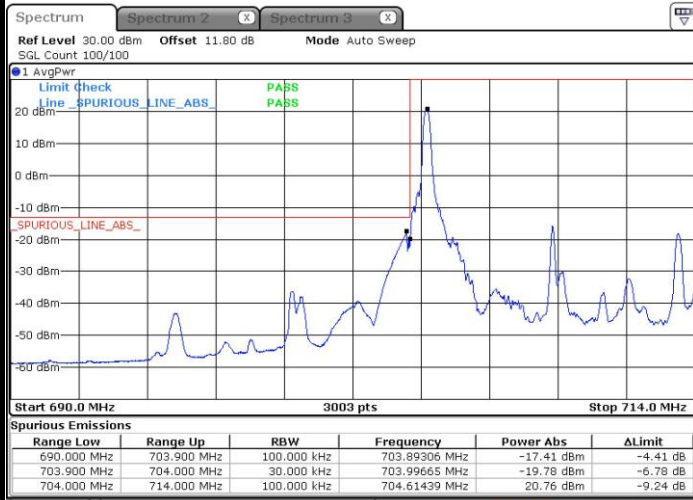


Date: 28 JUL 2015 00:43:25



LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



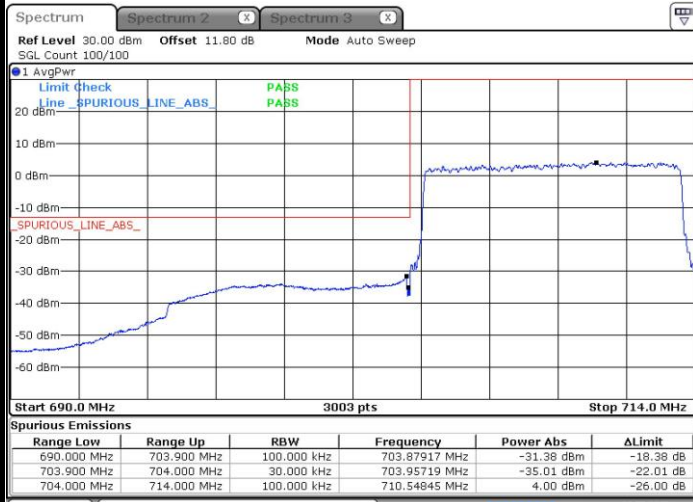
Date: 28 JUL 2015 00:47:55

Highest Band Edge / 1 RB



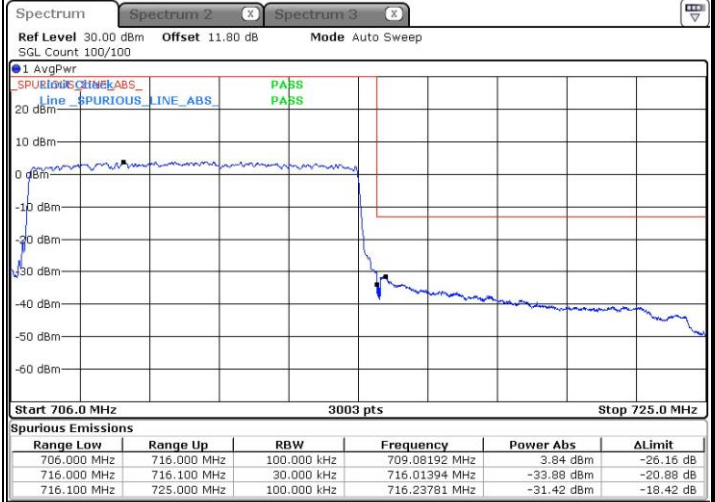
Date: 28 JUL 2015 01:00:34

Lowest Band Edge / Full RB



Date: 28 JUL 2015 00:51:43

Highest Band Edge / Full RB

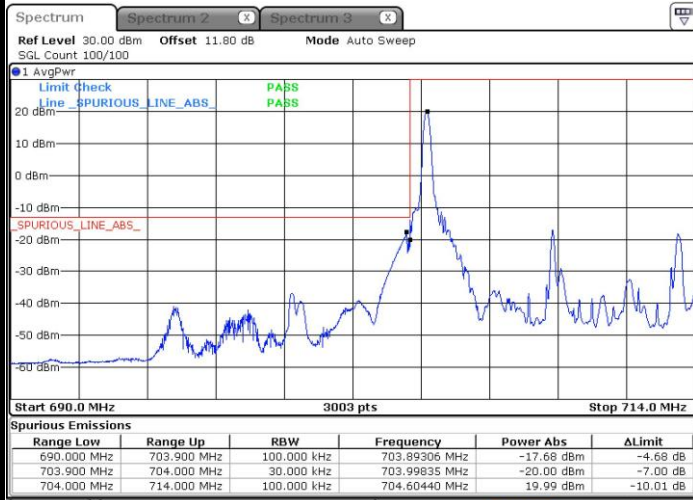


Date: 28 JUL 2015 01:04:23



LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



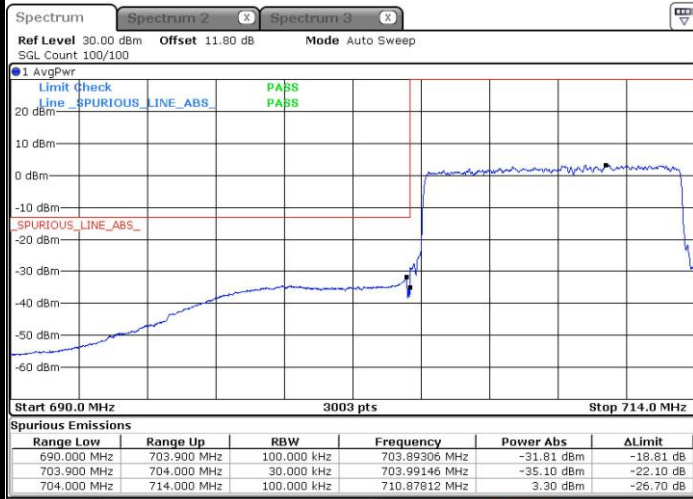
Date: 28.JUL.2015 00:49:49

Highest Band Edge / 1 RB



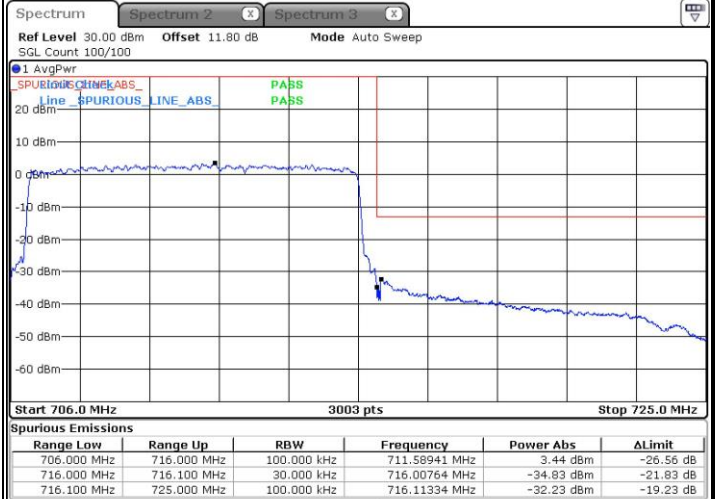
Date: 28.JUL.2015 01:02:28

Lowest Band Edge / Full RB



Date: 28.JUL.2015 00:53:38

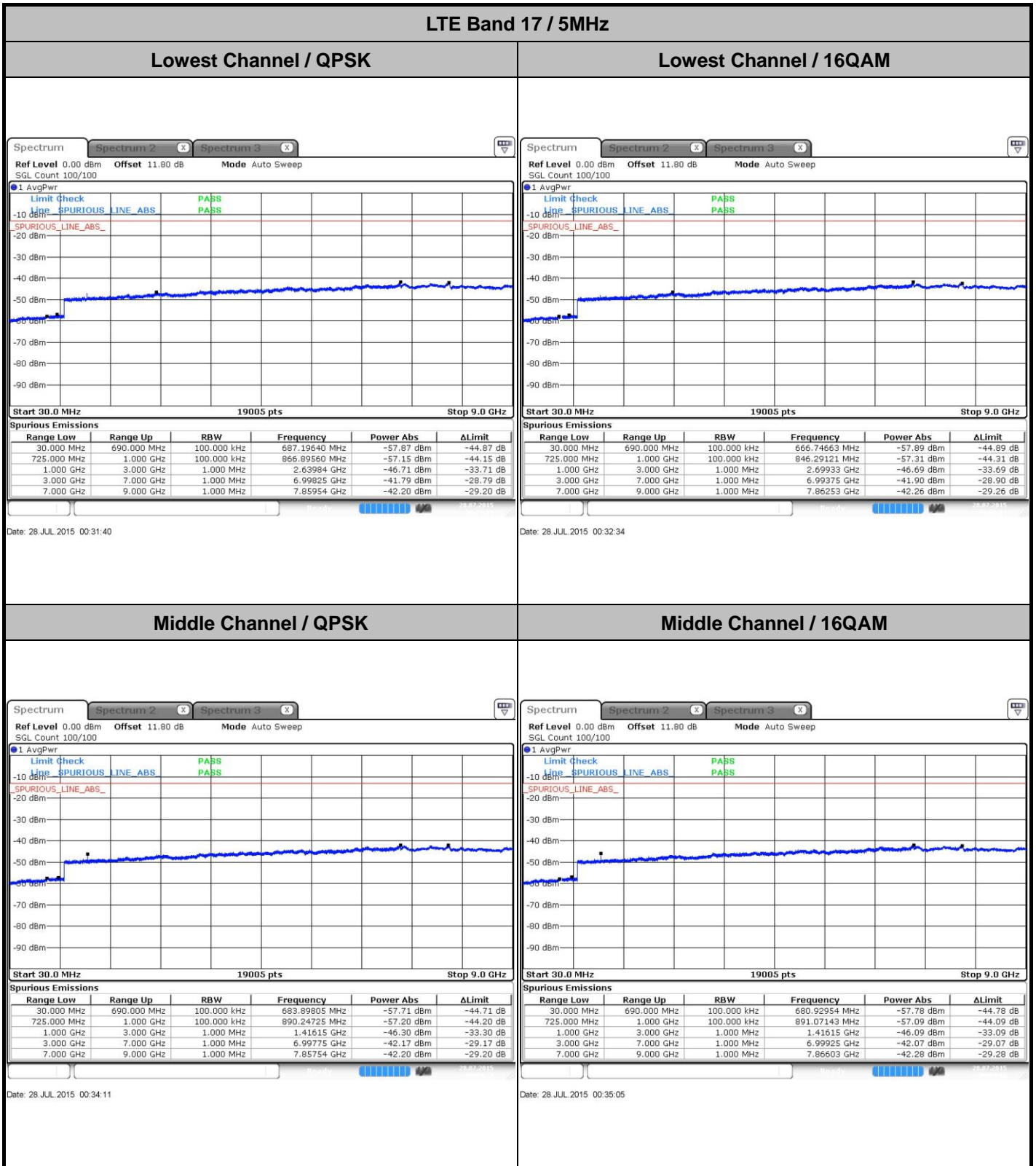
Highest Band Edge / Full RB



Date: 28.JUL.2015 01:06:17



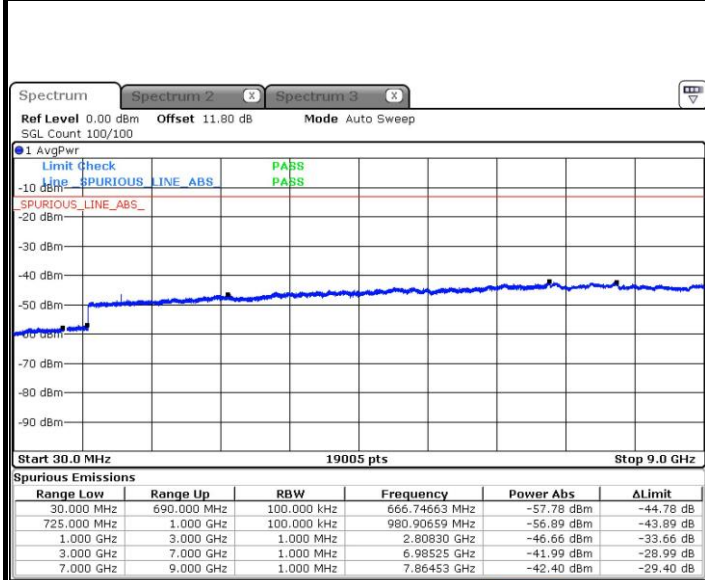
Conducted Spurious Emission





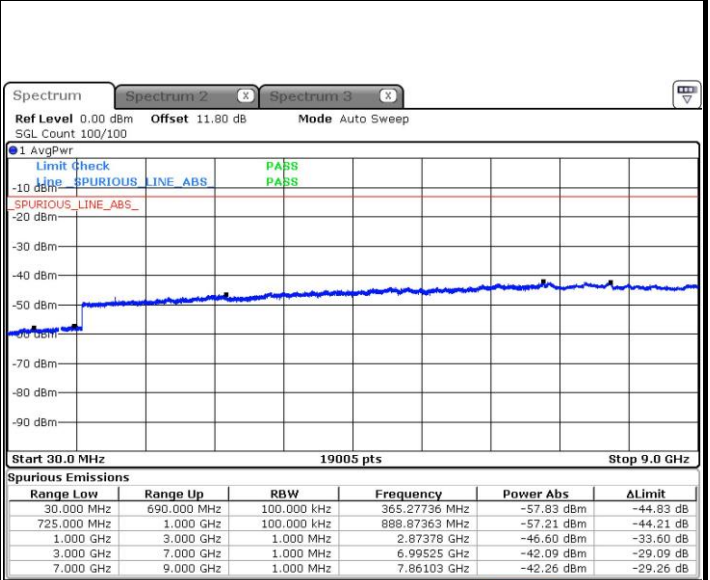
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 28 JUL 2015 00:44:20

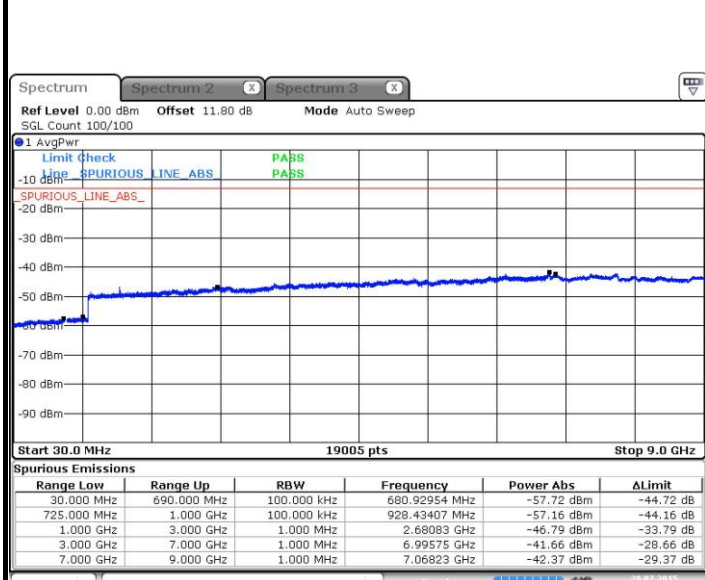
Highest Channel / 16QAM



Date: 28 JUL 2015 00:45:15

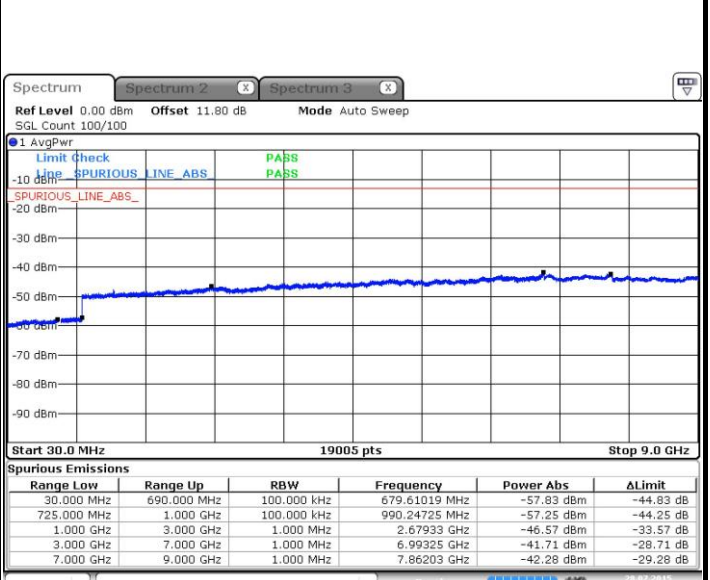
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 28 JUL 2015 00:54:33

Lowest Channel / 16QAM



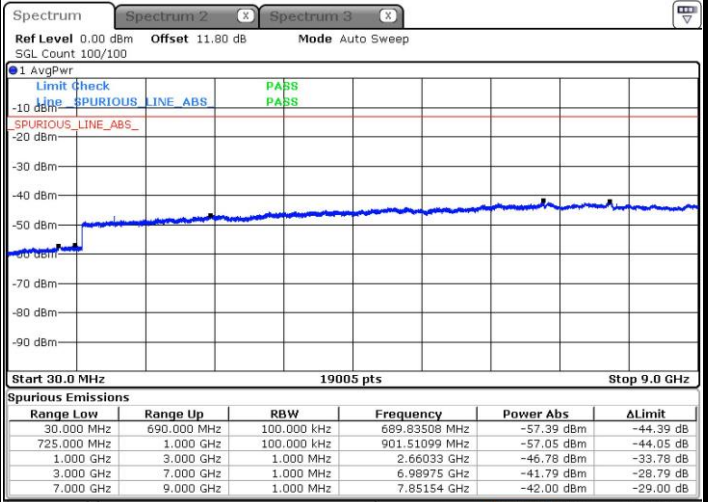
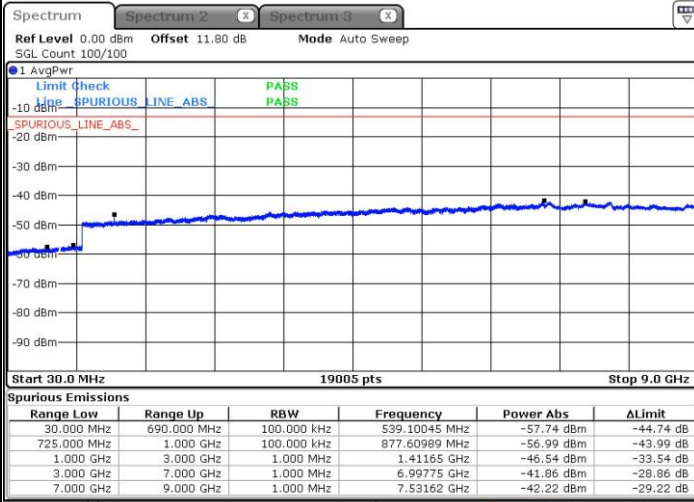
Date: 28 JUL 2015 00:55:27



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

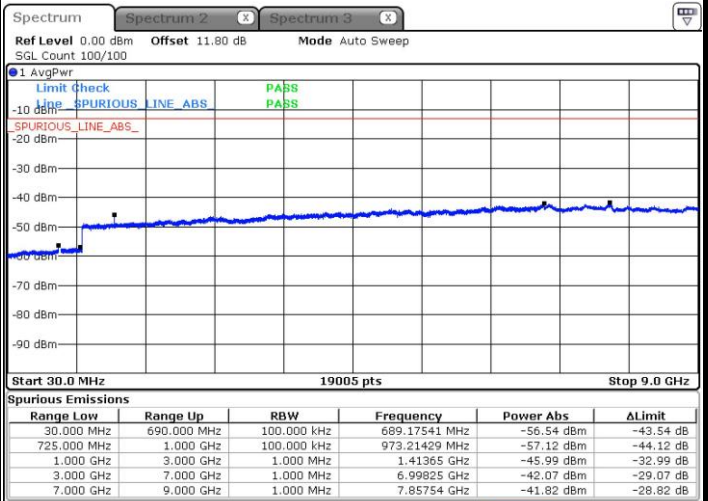
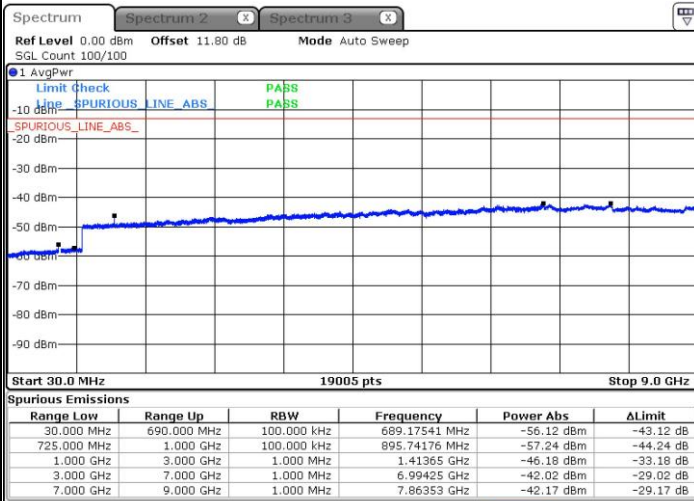


Date: 28 JUL 2015 00:57:04

Date: 28 JUL 2015 00:57:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 28 JUL 2015 01:07:12

Date: 28 JUL 2015 01:08:07



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	0.0040	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.