



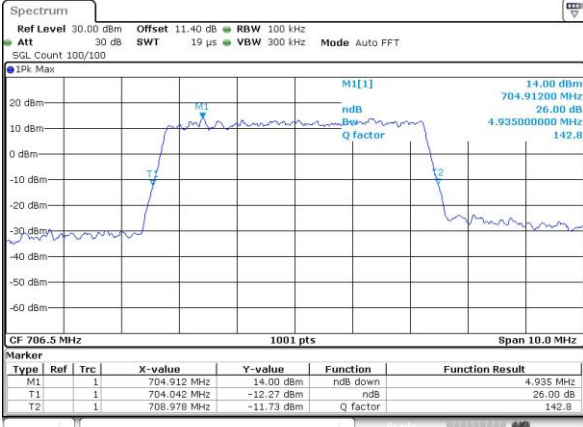
**26dB Bandwidth**

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	-	-	-	-	4.93	4.79	9.59	9.73	-	-	-	-
Middle CH	-	-	-	-	4.88	4.92	9.65	9.63	-	-	-	-
Highest CH	-	-	-	-	4.92	4.86	9.73	9.75	-	-	-	-



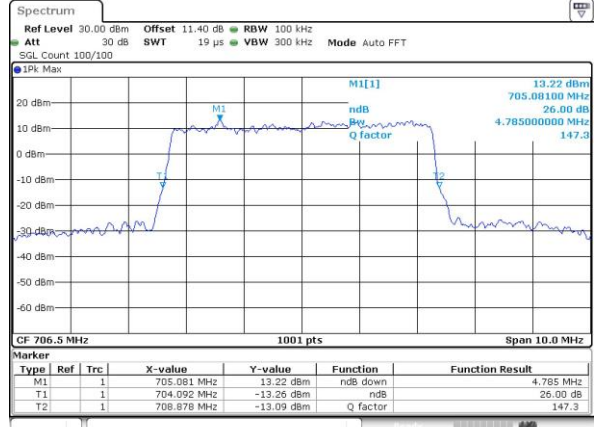
LTE Band 17

Lowest Channel / 5MHz / QPSK



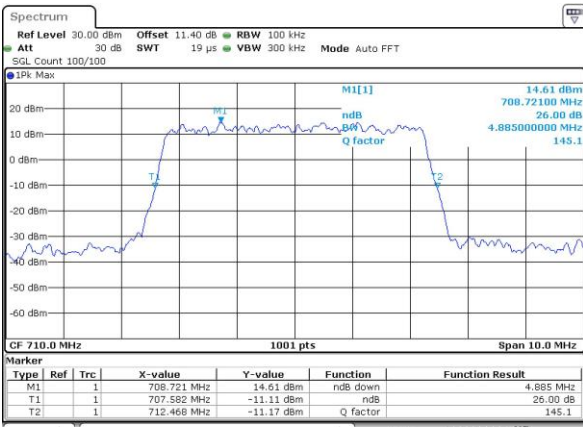
Date: 7,MAY,2016 17:32:37

Lowest Channel / 5MHz / 16QAM



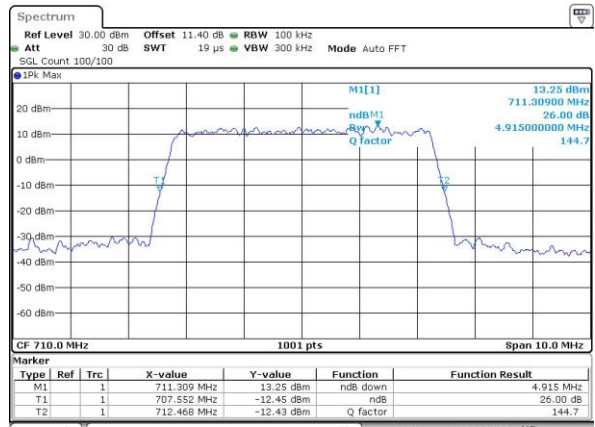
Date: 7,MAY,2016 17:32:49

Middle Channel / 5MHz / QPSK



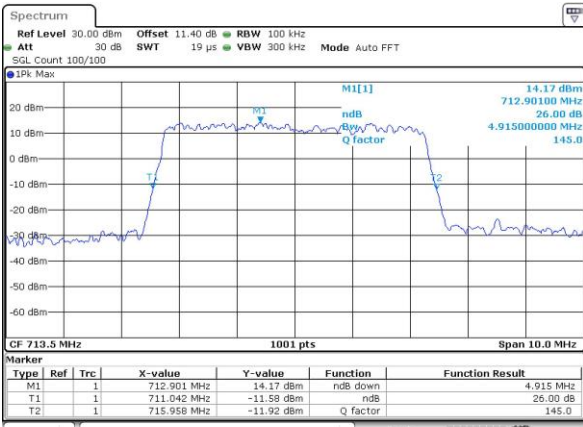
Date: 7,MAY,2016 17:43:32

Middle Channel / 5MHz / 16QAM



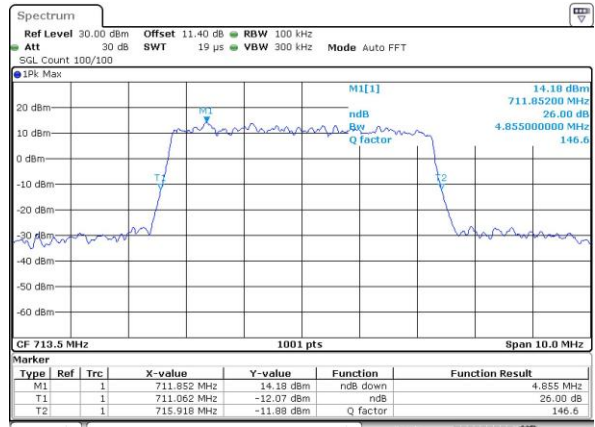
Date: 7,MAY,2016 17:43:44

Highest Channel / 5MHz / QPSK



Date: 7,MAY,2016 17:46:16

Highest Channel / 5MHz / 16QAM

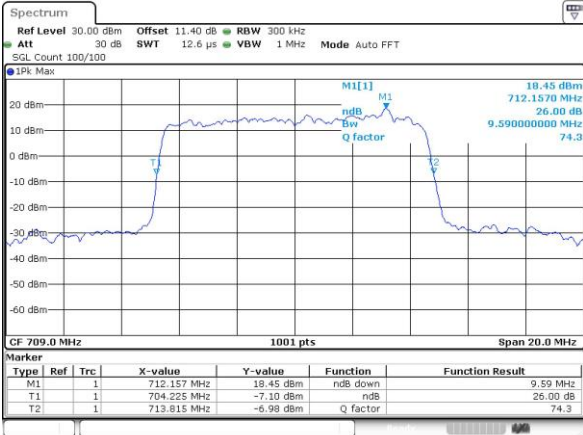


Date: 7,MAY,2016 17:46:28



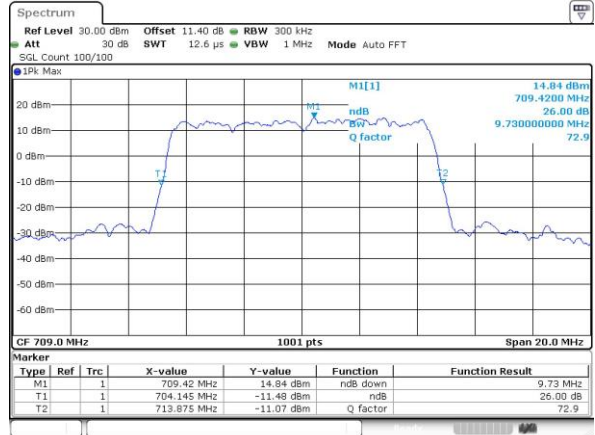
LTE Band 17

Lowest Channel / 10MHz / QPSK



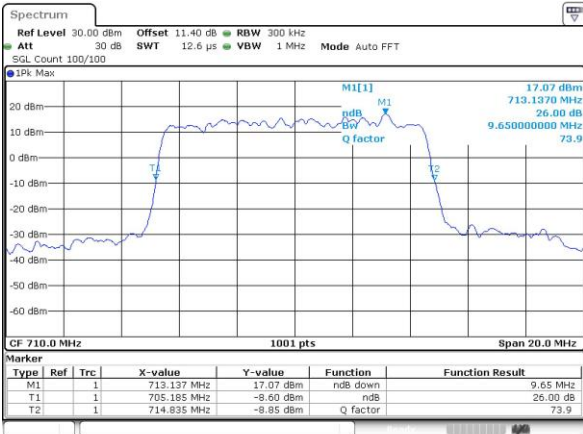
Date: 7\_MAY.2016 17:57:10

Lowest Channel / 10MHz / 16QAM



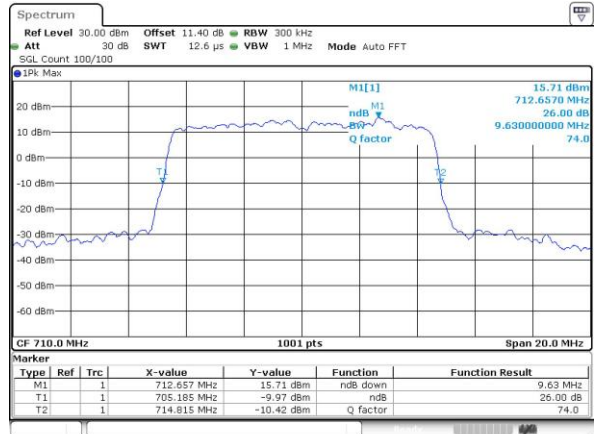
Date: 7\_MAY.2016 17:57:22

Middle Channel / 10MHz / QPSK



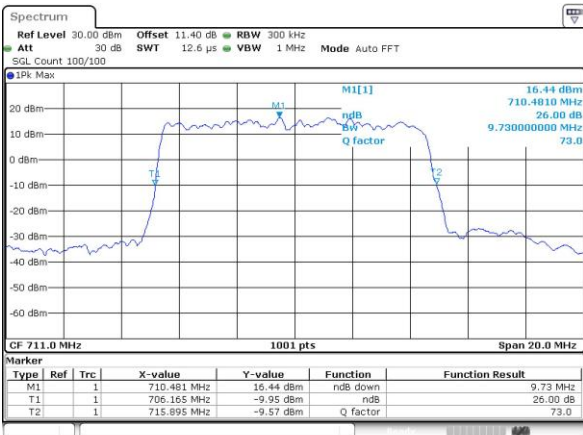
Date: 7\_MAY.2016 18:08:04

Middle Channel / 10MHz / 16QAM



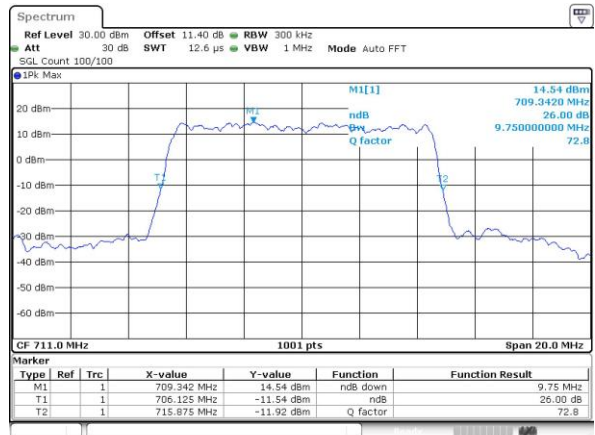
Date: 7\_MAY.2016 18:08:16

Highest Channel / 10MHz / QPSK



Date: 7\_MAY.2016 18:10:48

Highest Channel / 10MHz / 16QAM



Date: 7\_MAY.2016 18:11:00



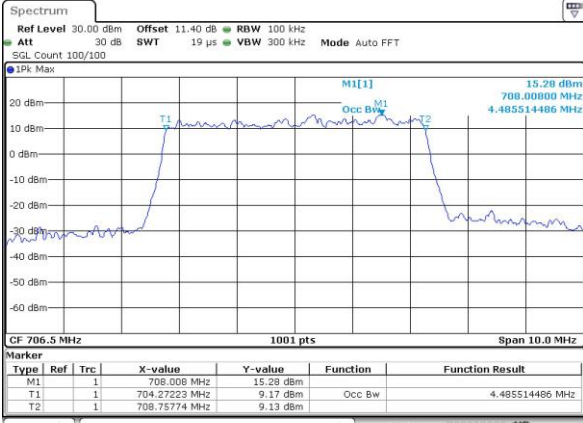
### Occupied Bandwidth

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	-	-	-	-	4.49	4.49	8.95	8.97	-	-	-	-
Middle CH	-	-	-	-	4.50	4.49	8.97	8.93	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	8.97	9.01	-	-	-	-



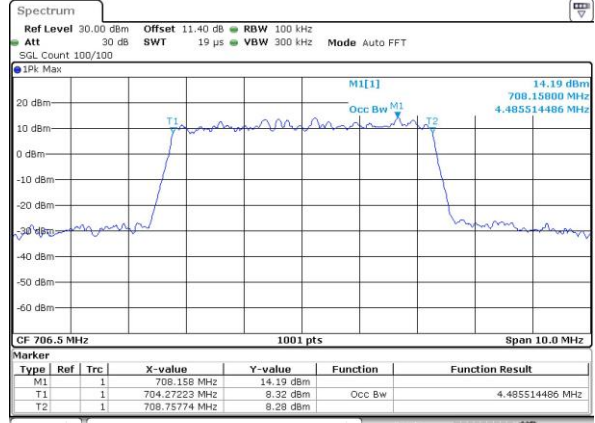
LTE Band 17

Lowest Channel / 5MHz / QPSK



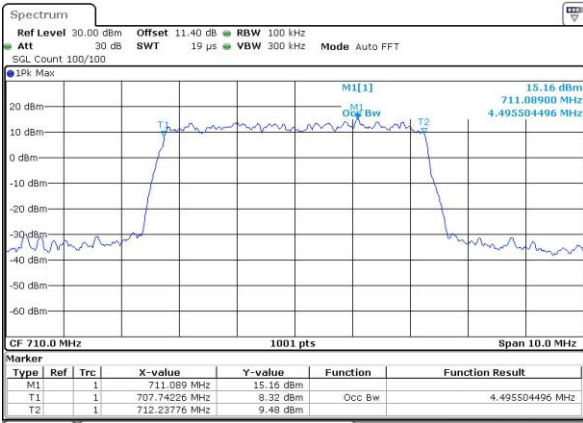
Date: 7\_MAY.2016 17:32:13

Lowest Channel / 5MHz / 16QAM



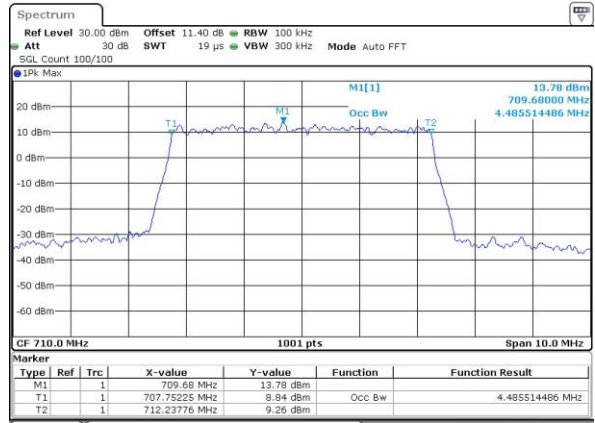
Date: 7\_MAY.2016 17:32:26

Middle Channel / 5MHz / QPSK



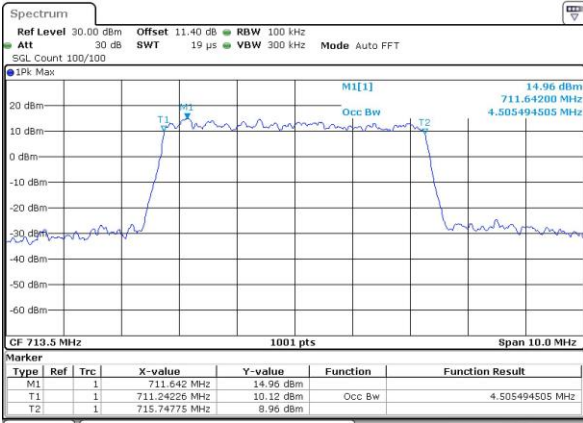
Date: 7\_MAY.2016 17:43:08

Middle Channel / 5MHz / 16QAM



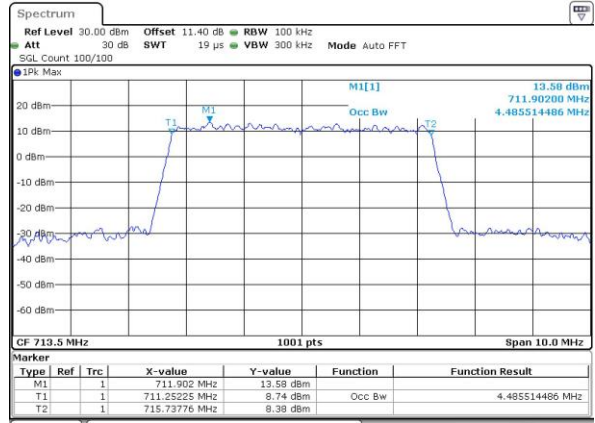
Date: 7\_MAY.2016 17:43:20

Highest Channel / 5MHz / QPSK



Date: 7\_MAY.2016 17:45:52

Highest Channel / 5MHz / 16QAM

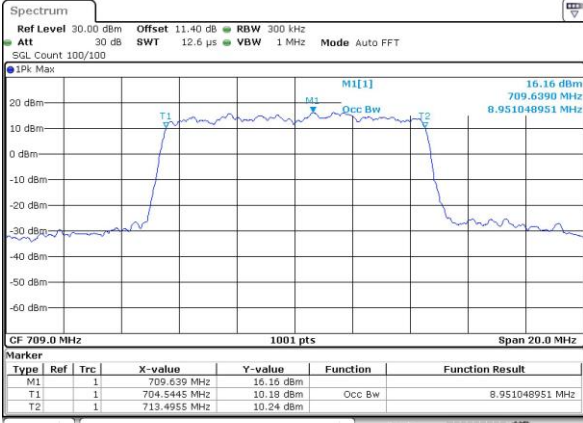


Date: 7\_MAY.2016 17:46:04



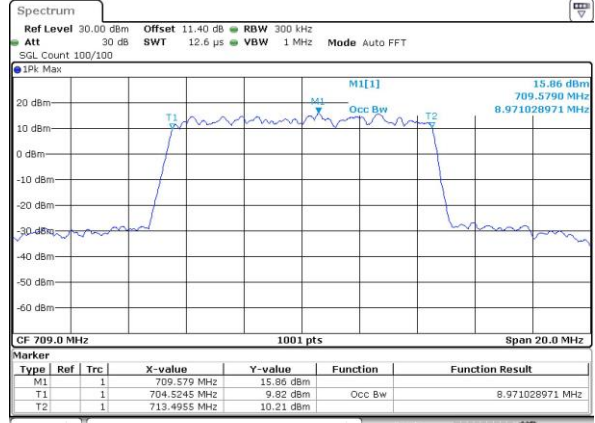
LTE Band 17

Lowest Channel / 10MHz / QPSK



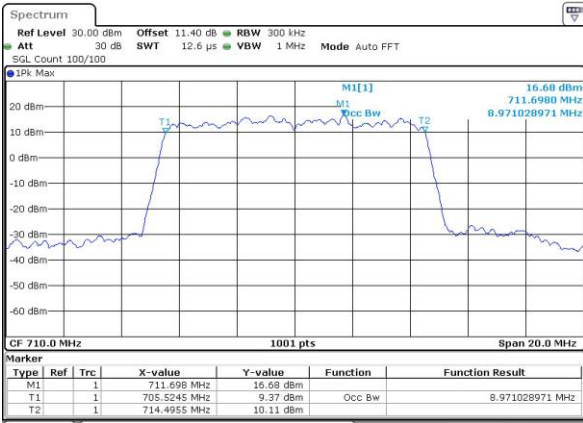
Date: 7.MAY.2016 17:56:46

Lowest Channel / 10MHz / 16QAM



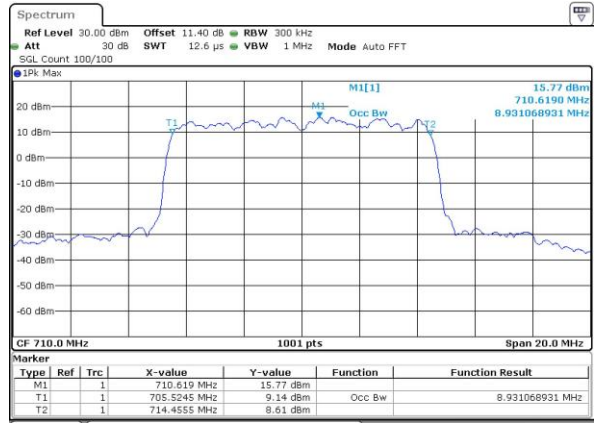
Date: 7.MAY.2016 17:56:58

Middle Channel / 10MHz / QPSK



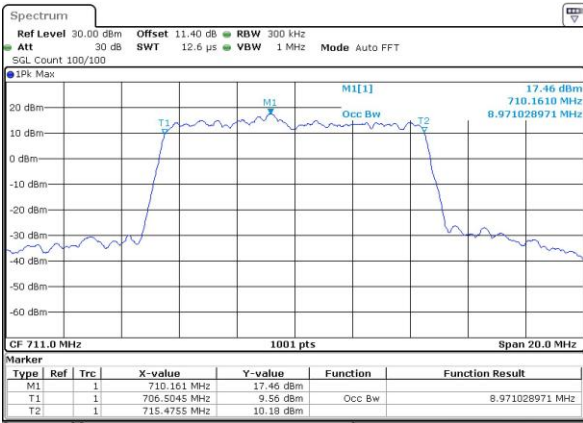
Date: 7.MAY.2016 18:07:40

Middle Channel / 10MHz / 16QAM



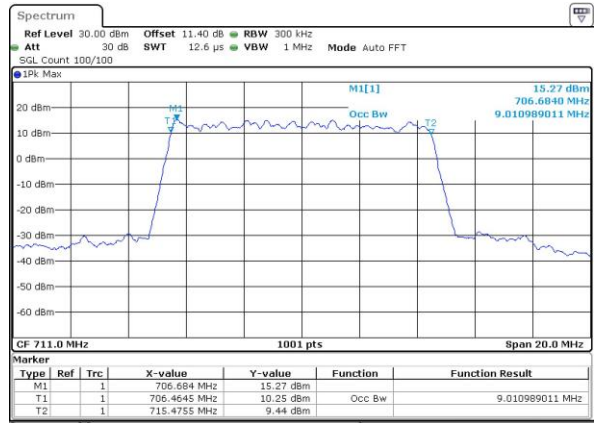
Date: 7.MAY.2016 18:07:52

Highest Channel / 10MHz / QPSK



Date: 7.MAY.2016 18:10:25

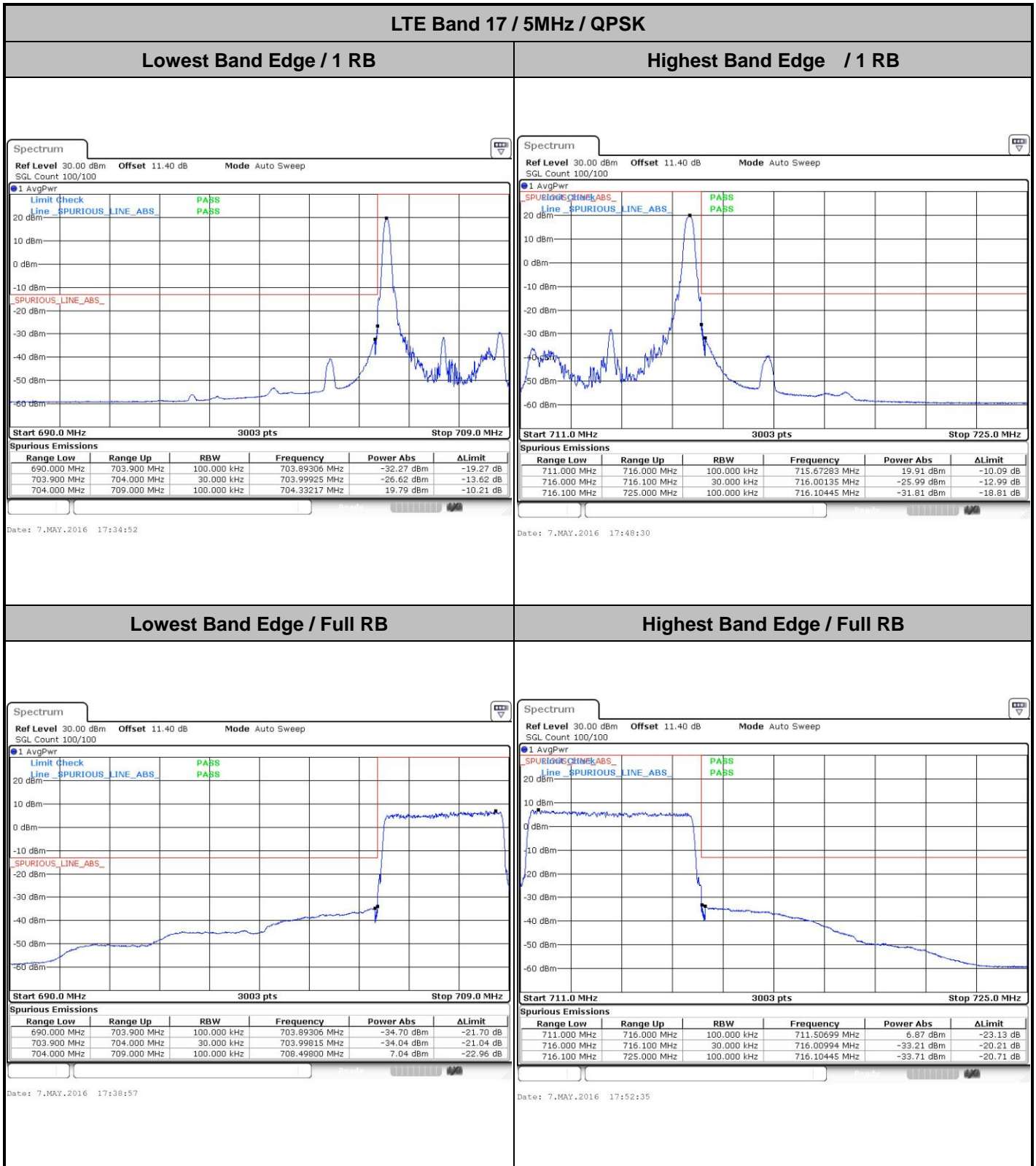
Highest Channel / 10MHz / 16QAM



Date: 7.MAY.2016 18:10:36



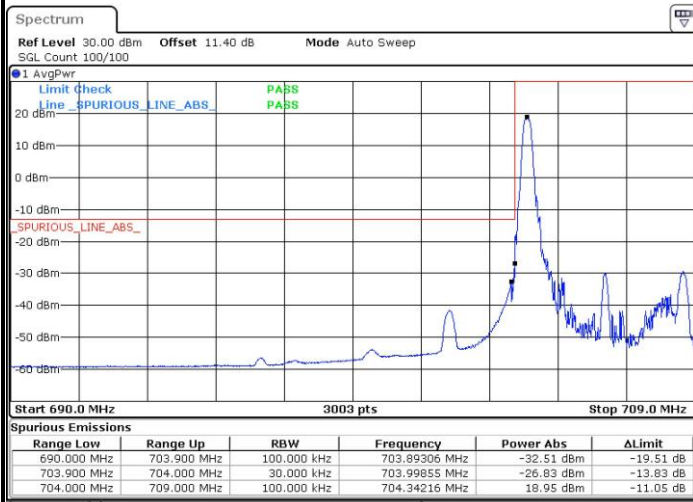
# Conducted Band Edge





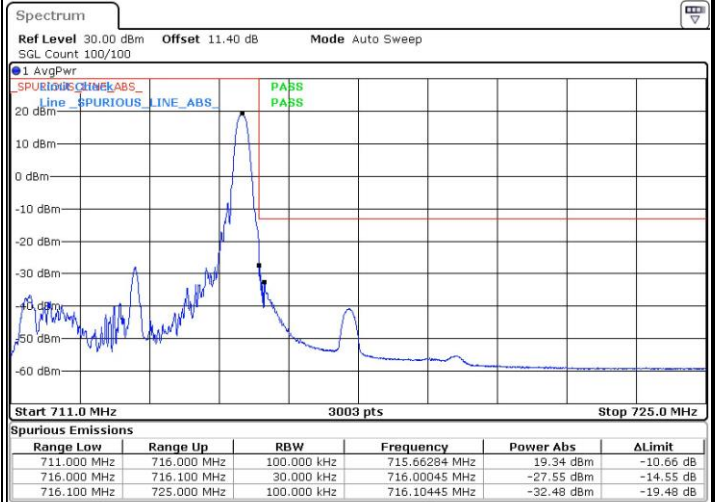
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



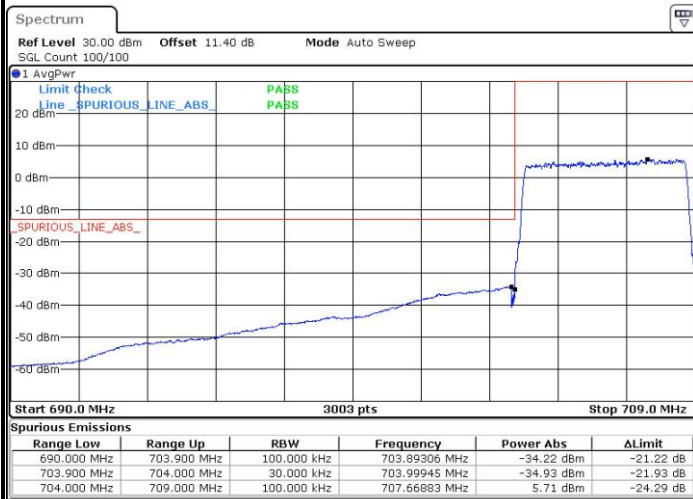
Date: 7.MAY.2016 17:36:54

Highest Band Edge / 1 RB



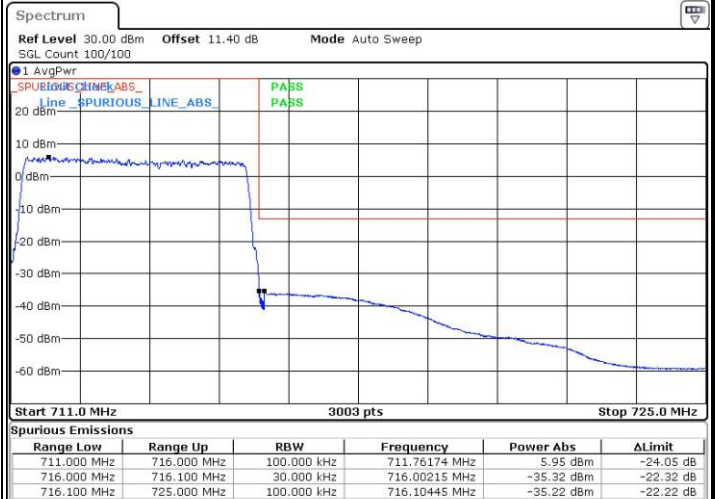
Date: 7.MAY.2016 17:50:33

Lowest Band Edge / Full RB



Date: 7.MAY.2016 17:40:59

Highest Band Edge / Full RB

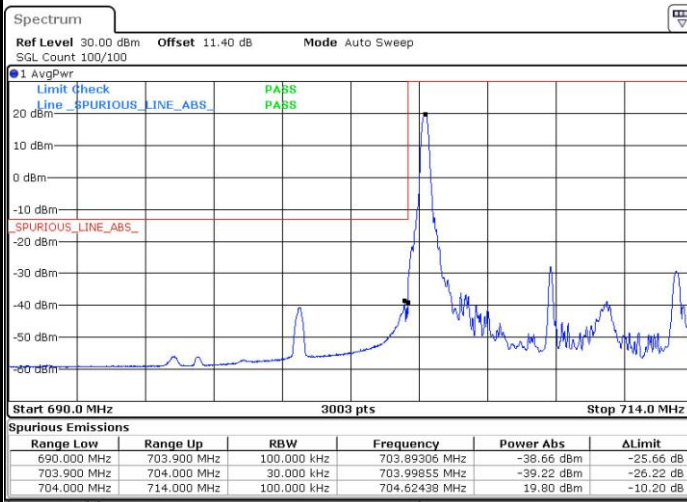


Date: 7.MAY.2016 17:54:38



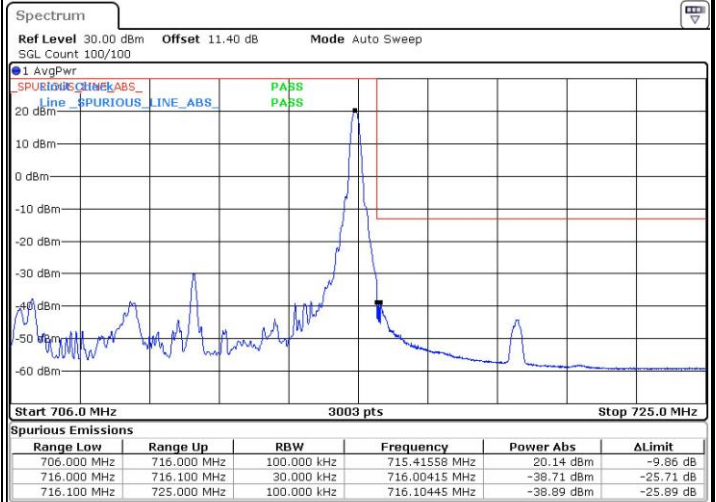
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



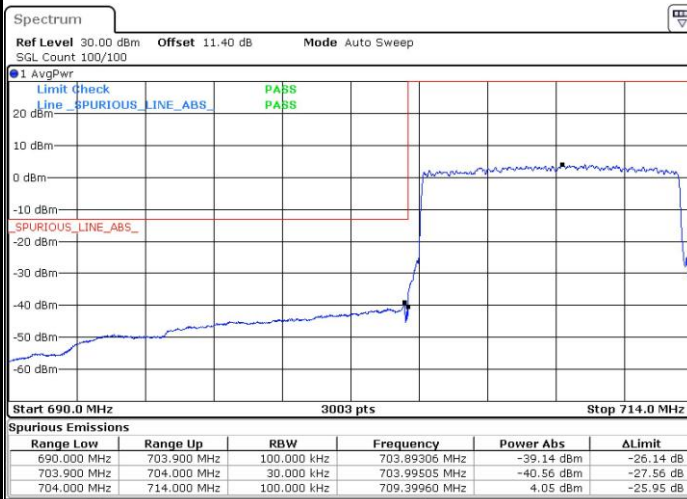
Date: 7.MAY.2016 17:59:24

Highest Band Edge / 1 RB



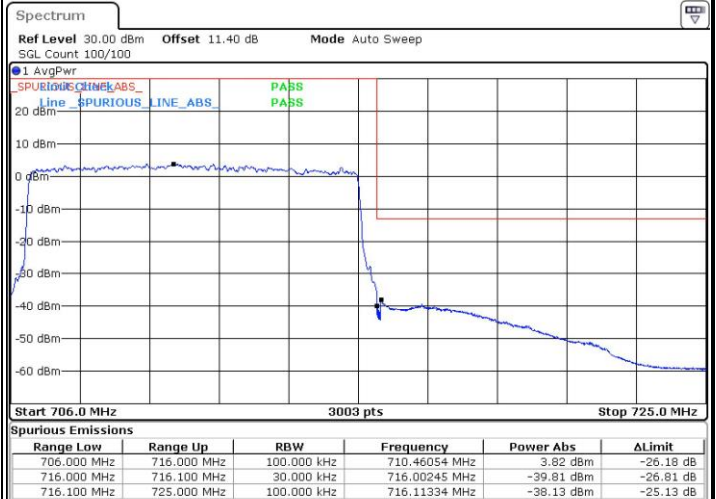
Date: 7.MAY.2016 18:13:03

Lowest Band Edge / Full RB



Date: 7.MAY.2016 18:03:29

Highest Band Edge / Full RB

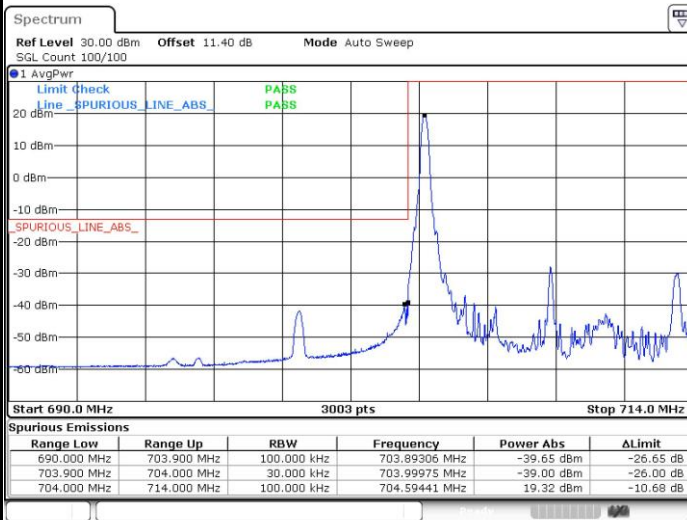


Date: 7.MAY.2016 18:17:07



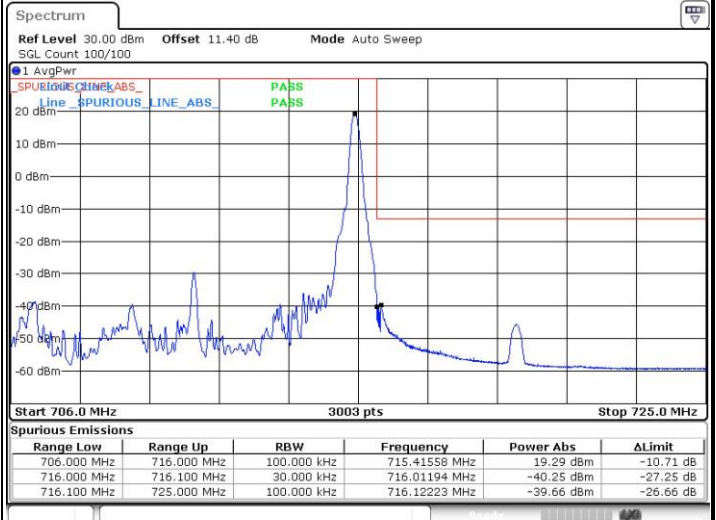
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



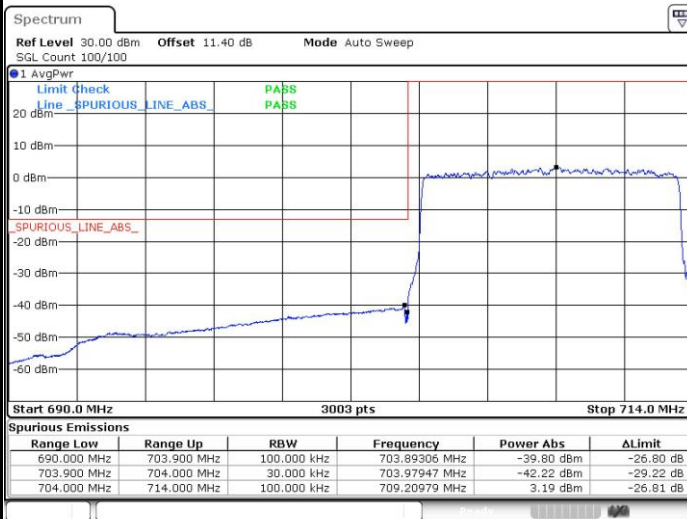
Date: 7.MAY.2016 18:01:27

Highest Band Edge / 1 RB



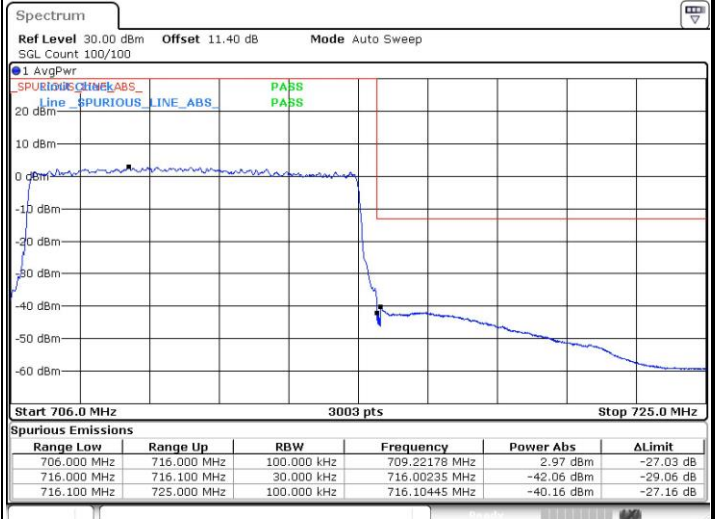
Date: 7.MAY.2016 18:15:05

Lowest Band Edge / Full RB



Date: 7.MAY.2016 18:05:32

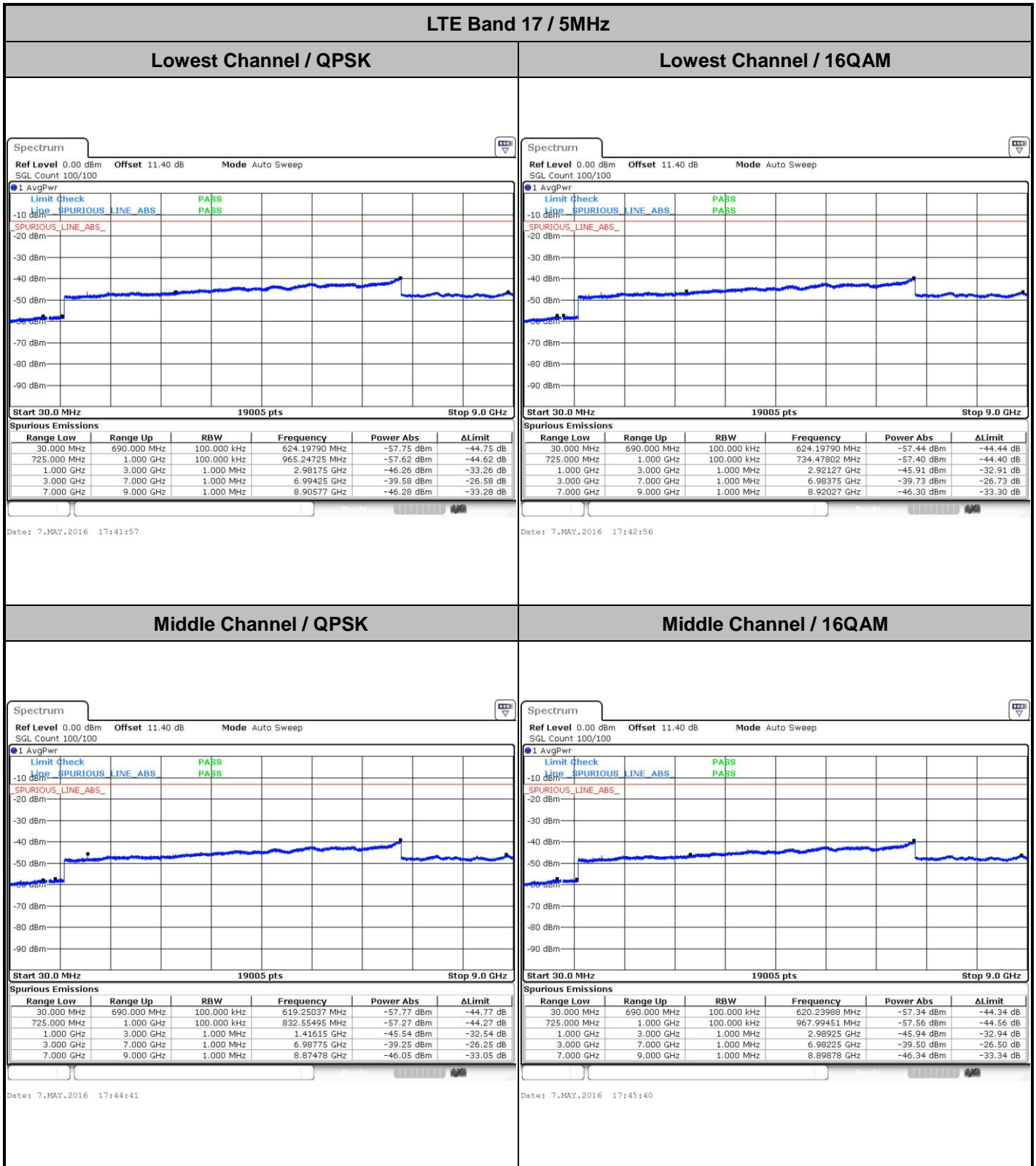
Highest Band Edge / Full RB



Date: 7.MAY.2016 18:19:10



# Conducted Spurious Emission

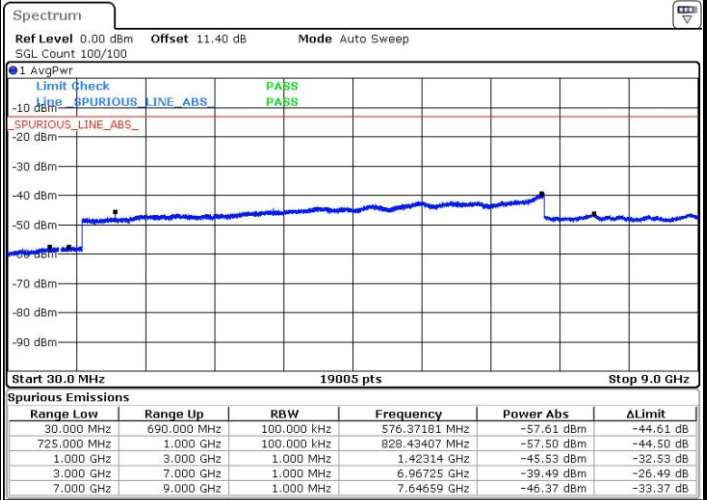
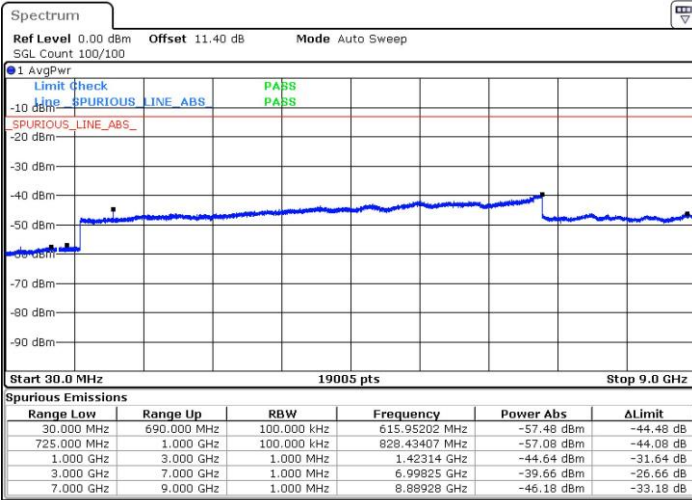




LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



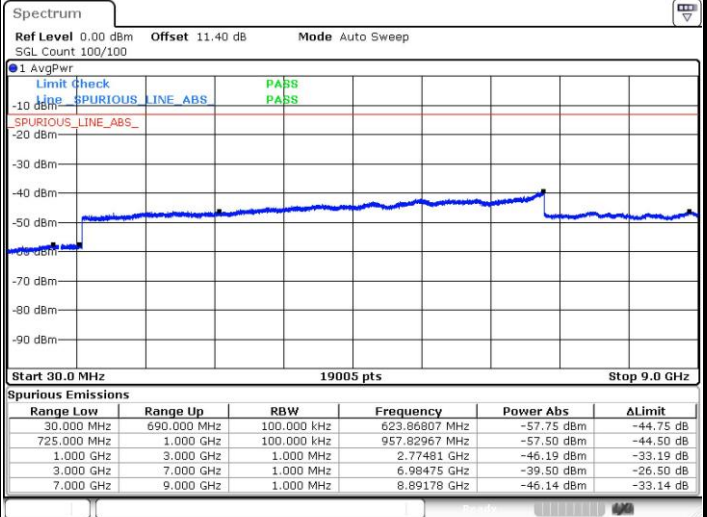
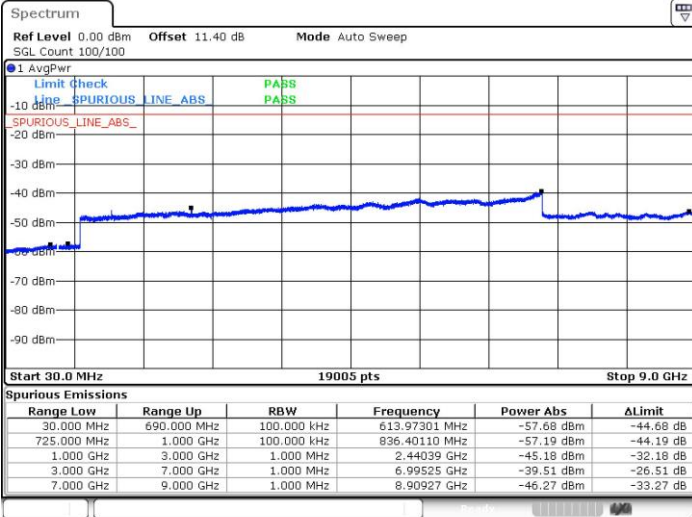
Date: 7.MAY.2016 17:55:35

Date: 7.MAY.2016 17:56:34

LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.MAY.2016 18:06:29

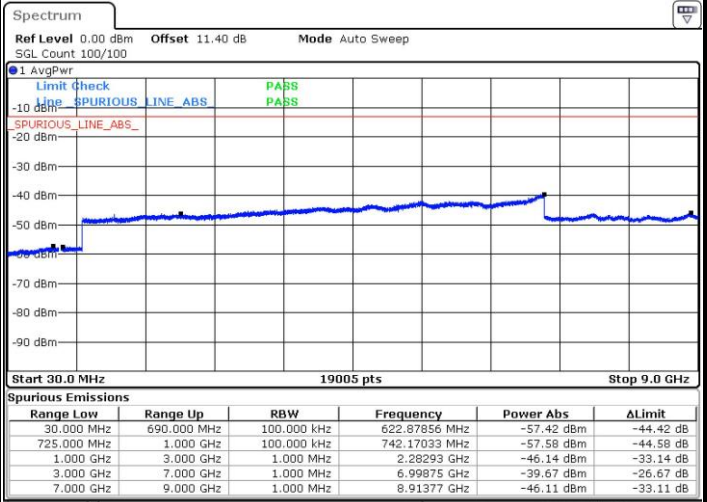
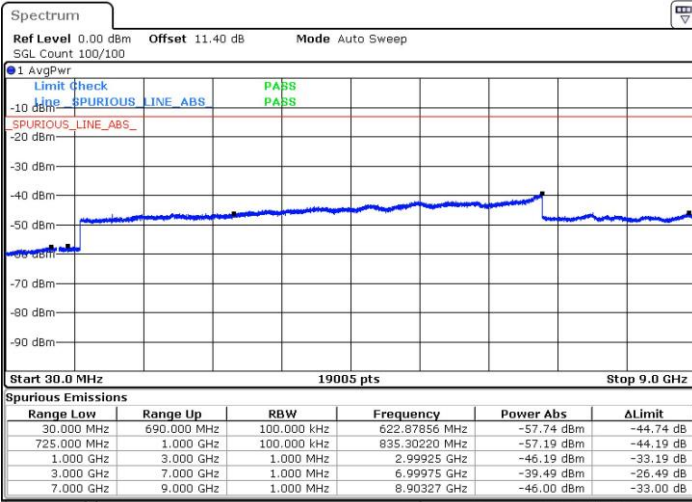
Date: 7.MAY.2016 18:07:28



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

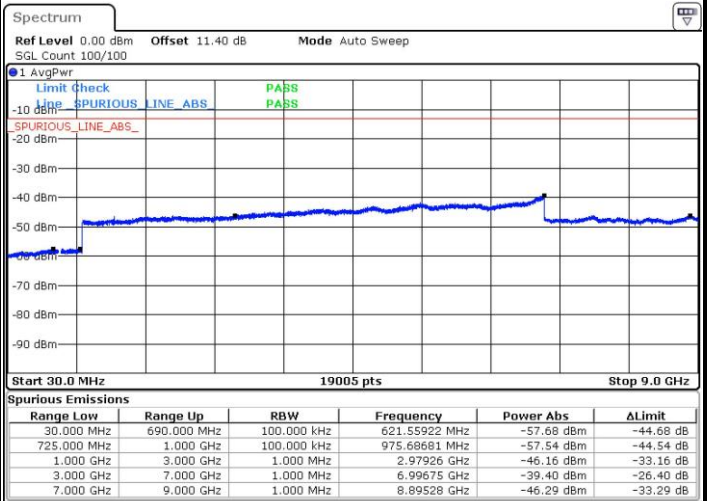
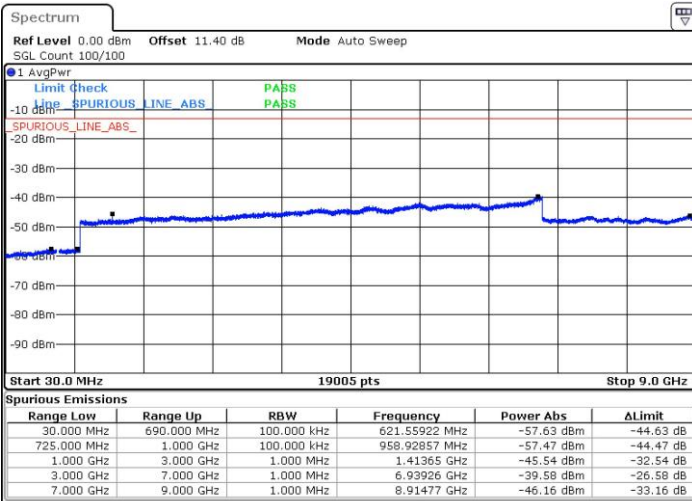


Date: 7.MAY.2016 18:09:13

Date: 7.MAY.2016 18:10:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.MAY.2016 18:20:08

Date: 7.MAY.2016 18:21:06



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	0.0010	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0132	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0158	

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 25

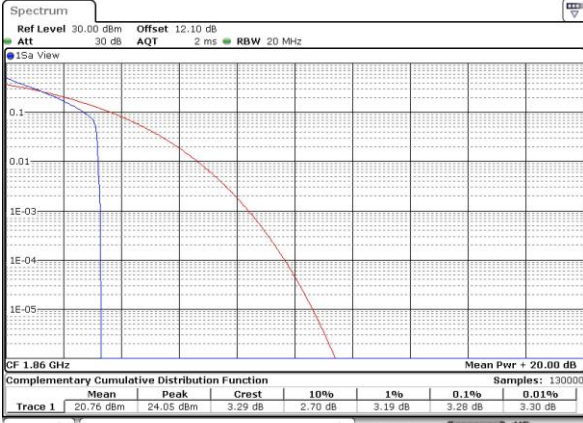
### Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.28	4.84	4.35	5.51	<b>PASS</b>
Middle CH	3.25	4.72	4.17	5.71	
Highest CH	3.07	4.61	3.57	5.62	



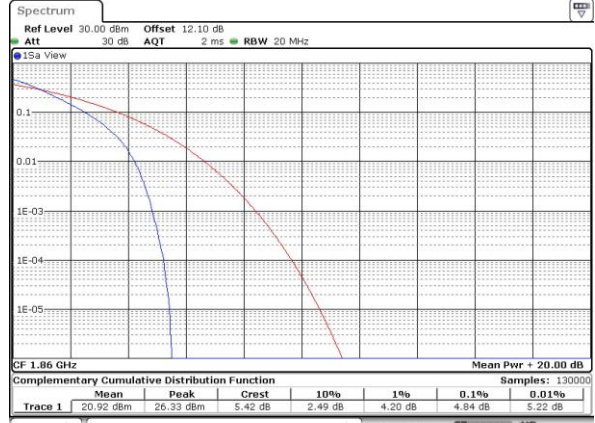
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 7\_MAY.2016 14:18:22

Lowest Channel / Full RB



Date: 7\_MAY.2016 14:18:42

Middle Channel / 1RB



Date: 7\_MAY.2016 14:19:25

Middle Channel / Full RB



Date: 7\_MAY.2016 14:19:46

Highest Channel / 1RB



Date: 7\_MAY.2016 14:22:10

Highest Channel / Full RB

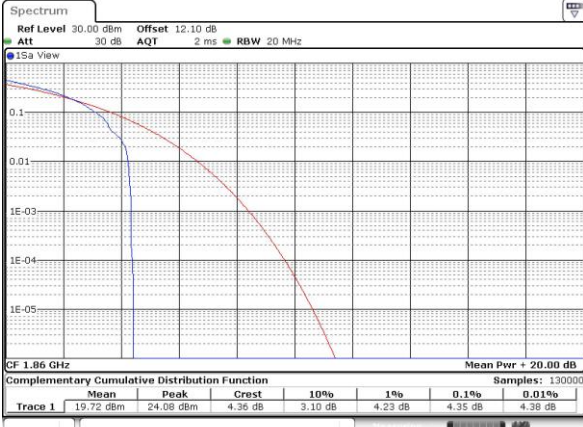


Date: 7\_MAY.2016 14:21:04



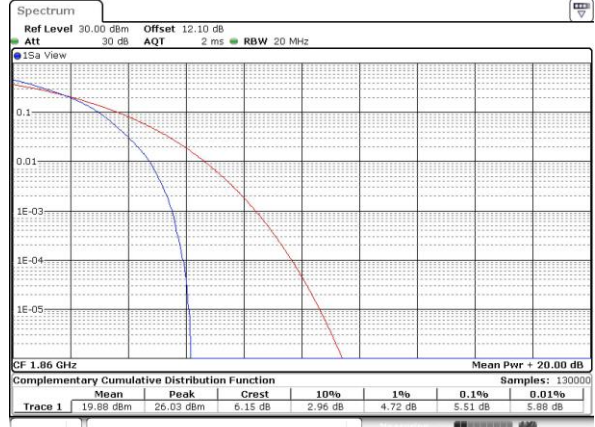
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



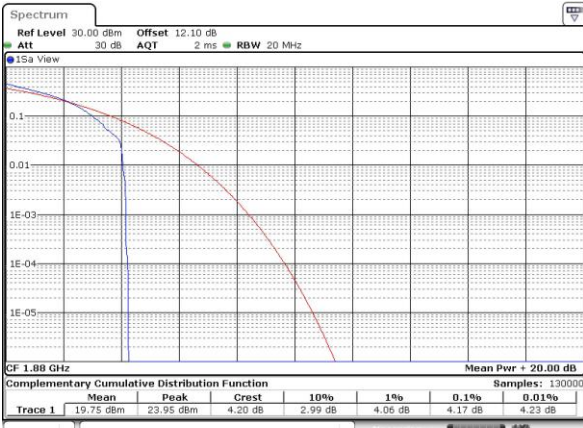
Date: 7\_MAY.2016 14:11:50

Lowest Channel / Full RB



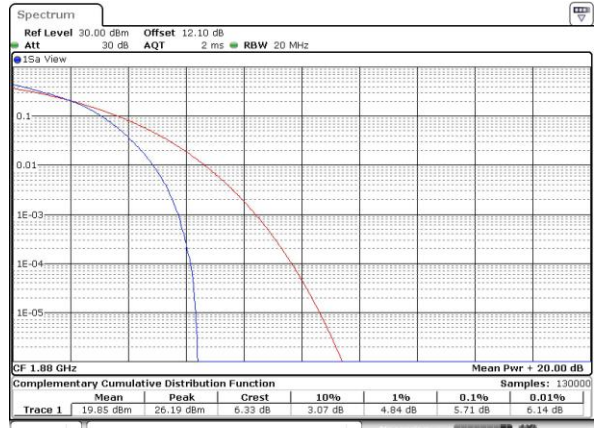
Date: 7\_MAY.2016 14:11:01

Middle Channel / 1RB



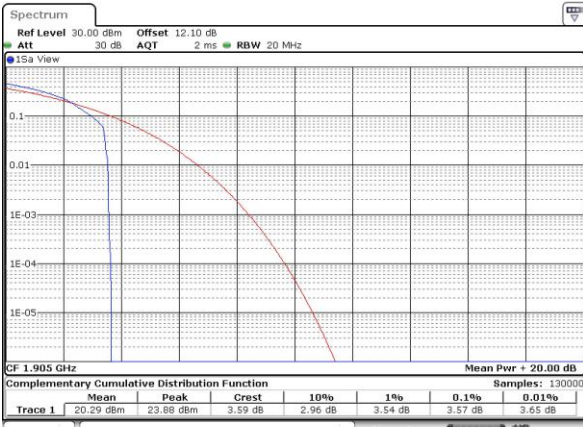
Date: 7\_MAY.2016 14:11:00

Middle Channel / Full RB



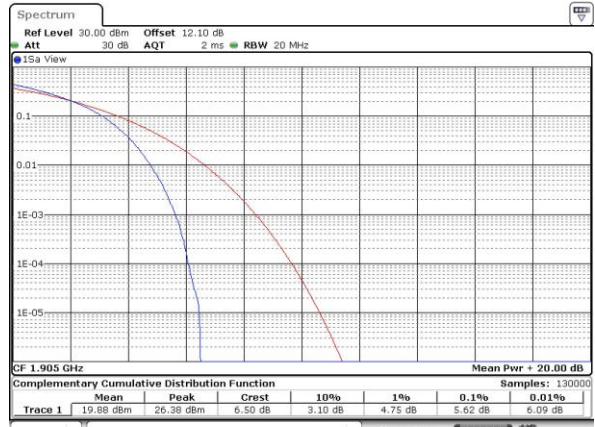
Date: 7\_MAY.2016 14:11:12

Highest Channel / 1RB



Date: 7\_MAY.2016 14:21:51

Highest Channel / Full RB



Date: 7\_MAY.2016 14:21:19



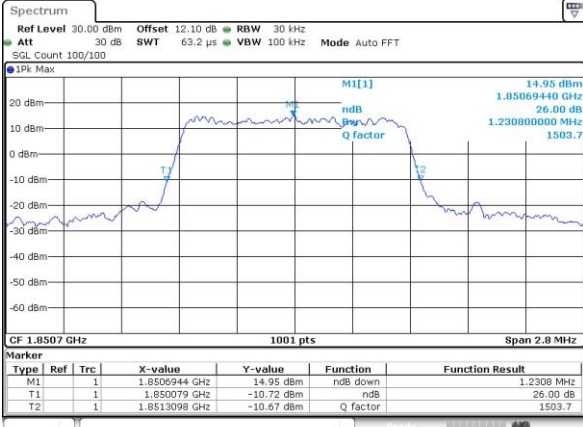
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(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	1.23	1.23	3.02	3.03	4.91	4.91	9.83	9.63	14.51	14.39	20.10	20.18
Middle CH	1.24	1.23	3.09	3.09	4.93	4.84	9.71	9.63	14.45	14.36	20.26	20.18
Highest CH	1.24	1.23	3.02	2.97	4.88	4.87	9.75	9.87	14.54	14.42	20.30	20.22



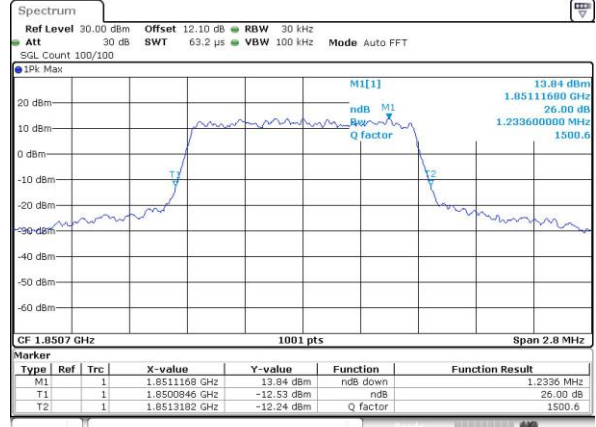
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



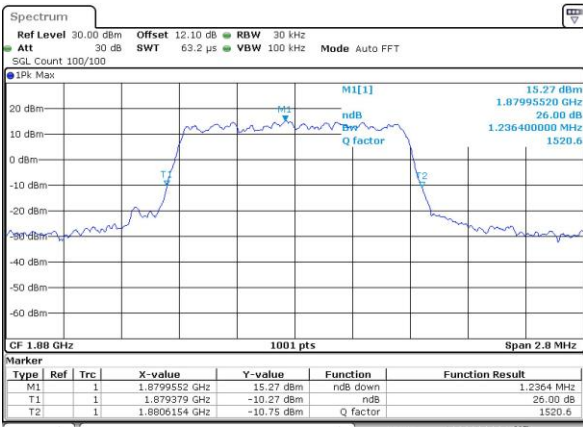
Date: 7.MAY.2016 14:06:29

Lowest Channel / 1.4MHz / 16QAM



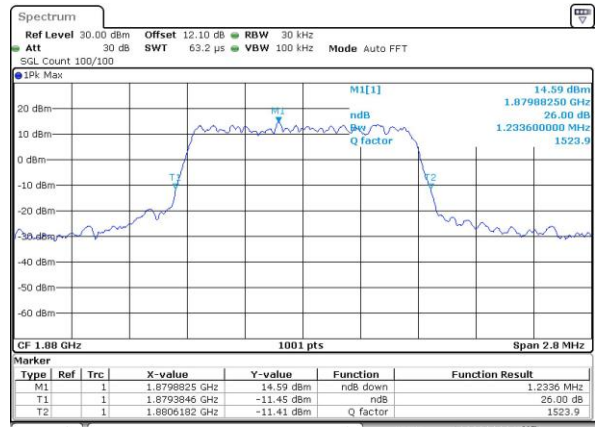
Date: 7.MAY.2016 14:06:18

Middle Channel / 1.4MHz / QPSK



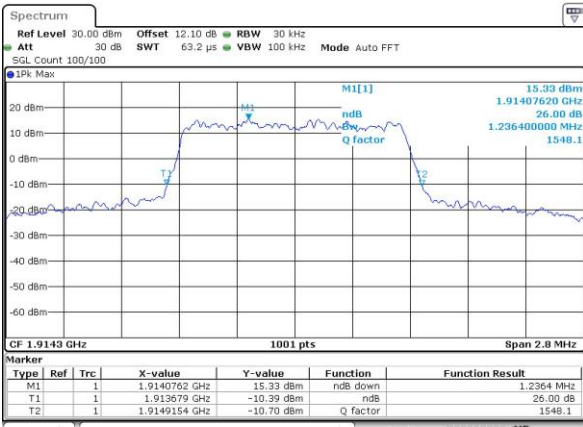
Date: 7.MAY.2016 14:13:51

Middle Channel / 1.4MHz / 16QAM



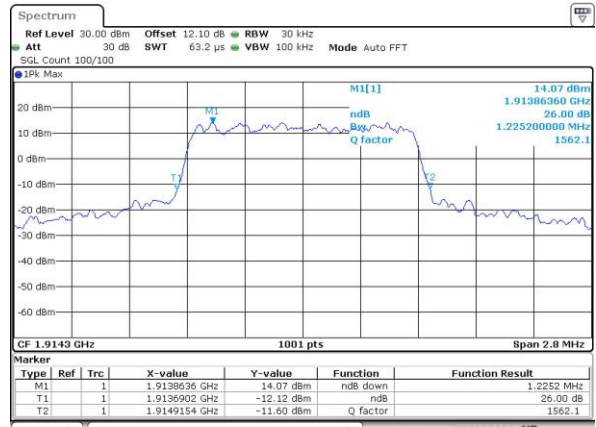
Date: 7.MAY.2016 14:13:40

Highest Channel / 1.4MHz / QPSK



Date: 7.MAY.2016 14:25:42

Highest Channel / 1.4MHz / 16QAM



Date: 7.MAY.2016 14:25:30