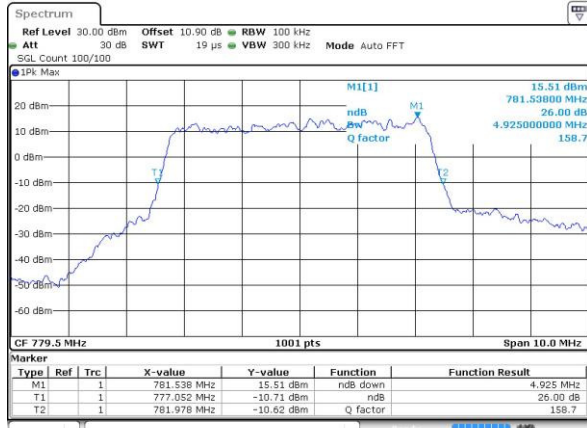


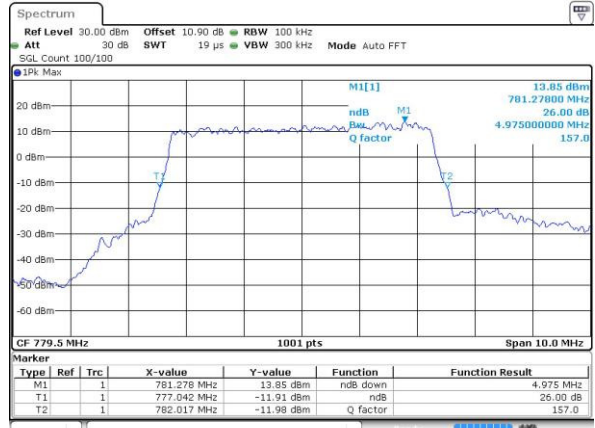


LTE Band 13

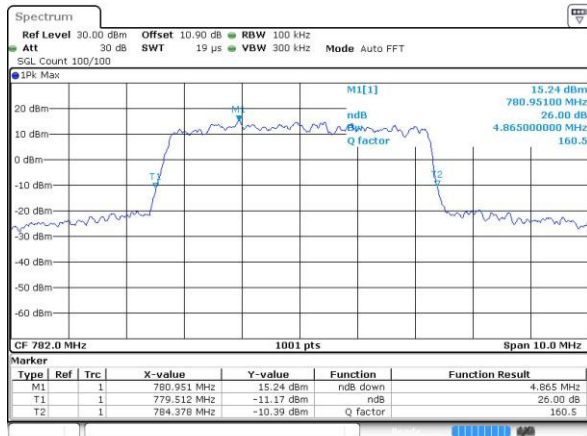
Lowest Channel / 5MHz / QPSK



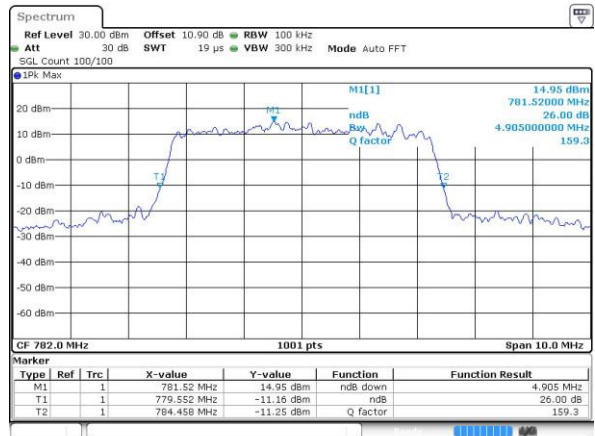
Lowest Channel / 5MHz / 16QAM



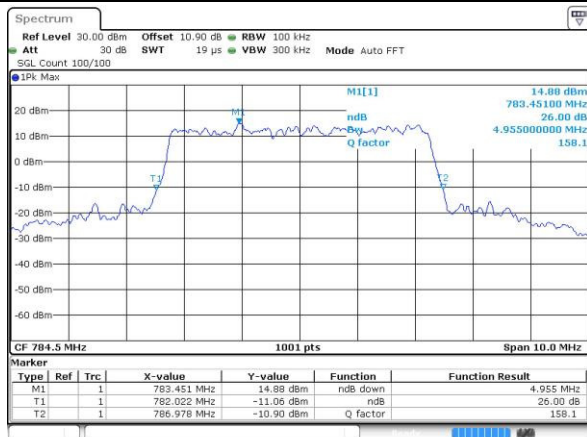
Middle Channel / 5MHz / QPSK



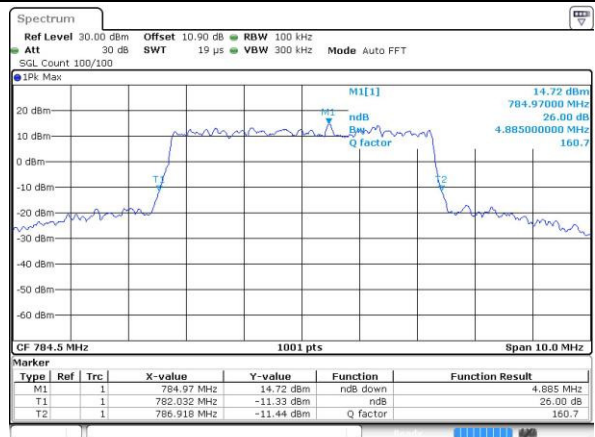
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



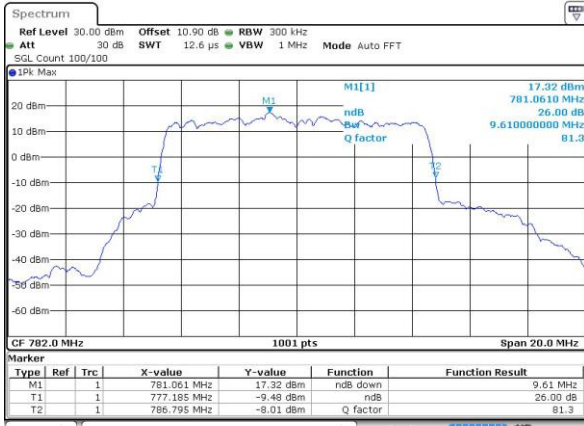
Highest Channel / 5MHz / 16QAM





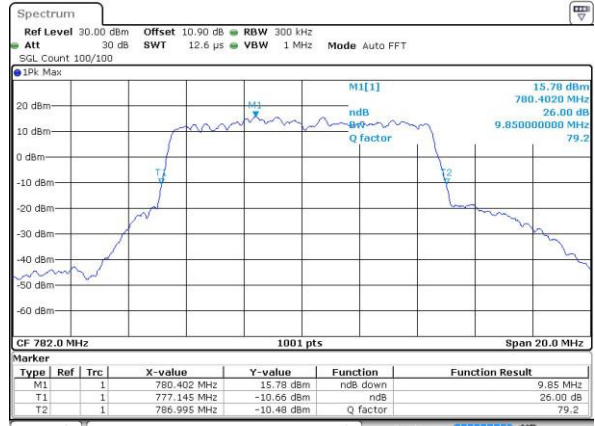
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 26 MAR 2016 15:12:40

Middle Channel / 10MHz / 16QAM



Date: 26 MAR 2016 15:12:29

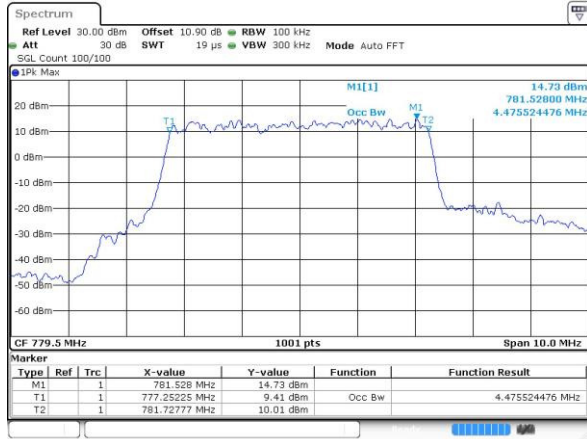
**Occupied Bandwidth**

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.47	4.47	9.03	9.03	-	-	-	-
Highest CH	-	-	-	-	4.49	4.49	-	-	-	-	-	-

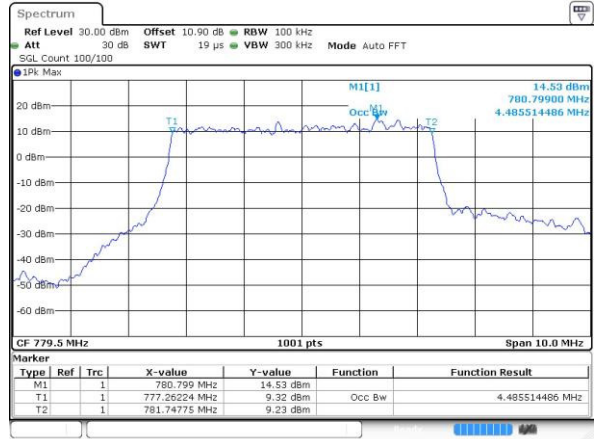


LTE Band 13

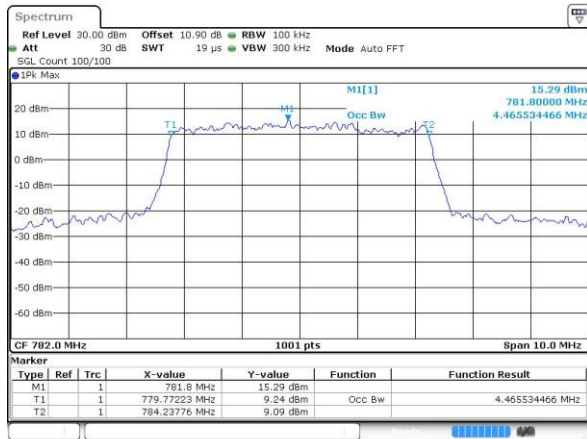
Lowest Channel / 5MHz / QPSK



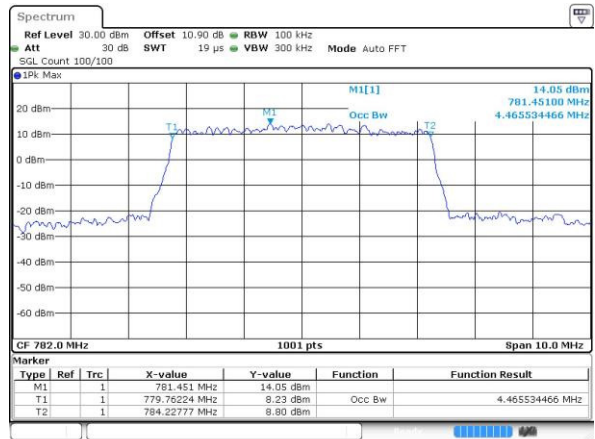
Lowest Channel / 5MHz / 16QAM



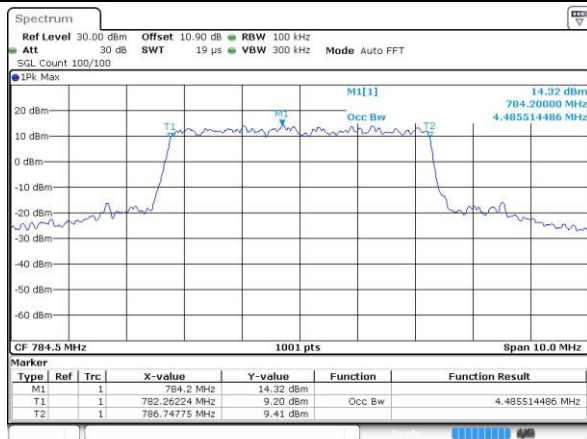
Middle Channel / 5MHz / QPSK



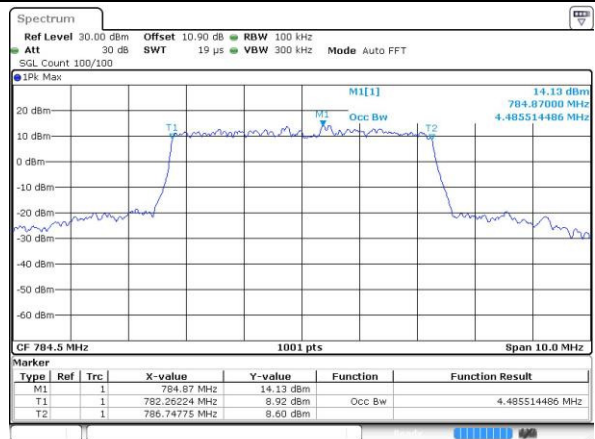
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



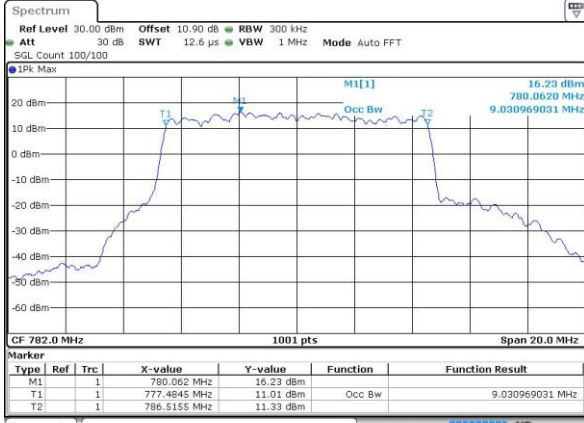
Highest Channel / 5MHz / 16QAM





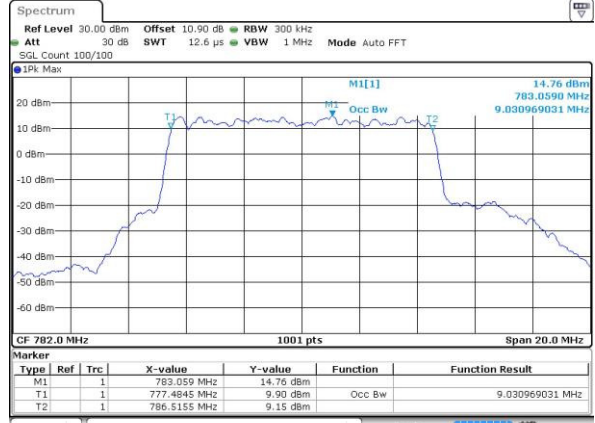
LTE Band 13

Middle Channel / 10MHz / QPSK

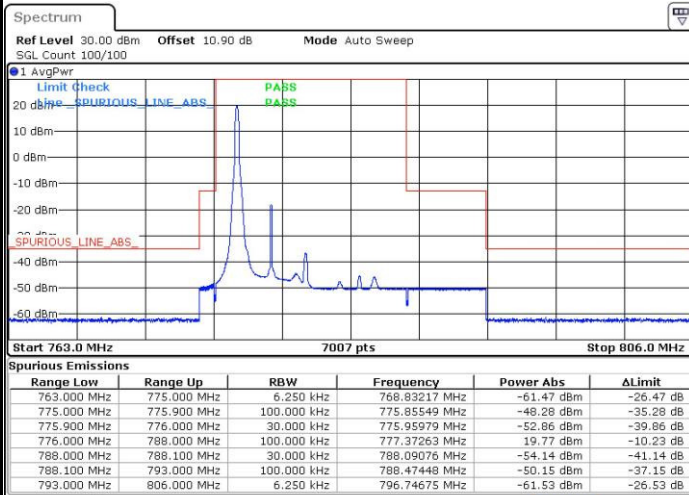
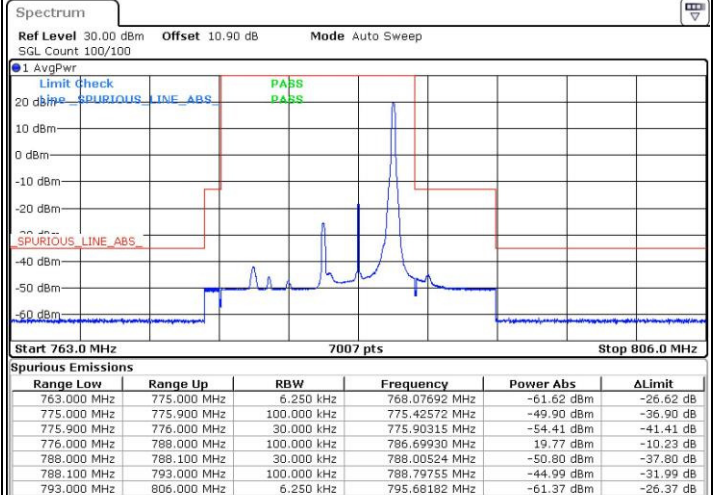
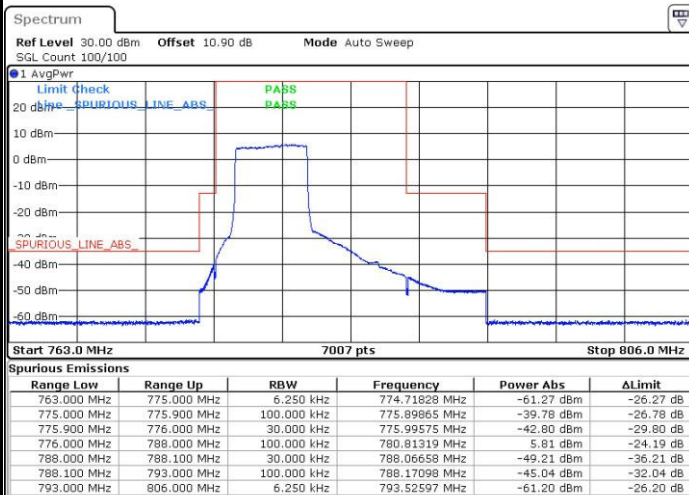
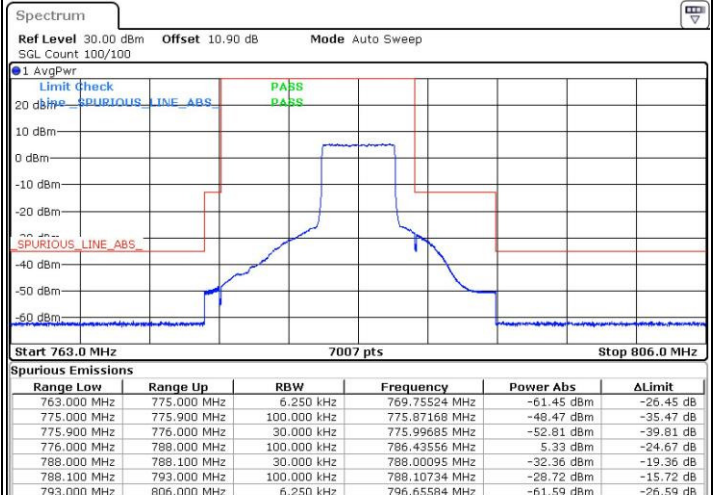


Date: 26 MAR 2016 15:12:08

Middle Channel / 10MHz / 16QAM



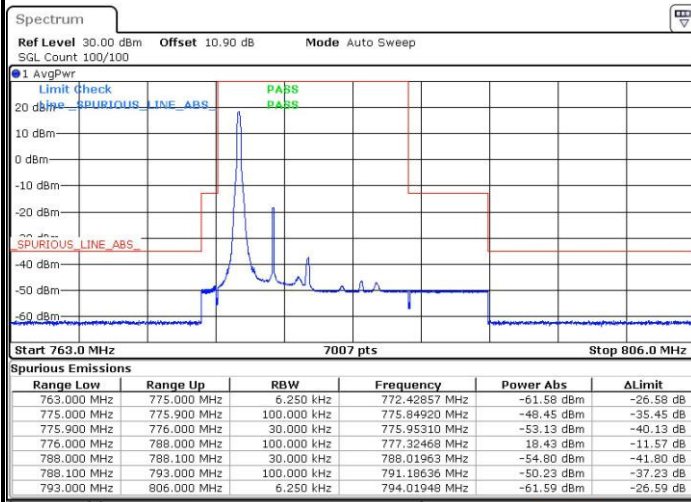
Date: 26 MAR 2016 15:12:19

**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



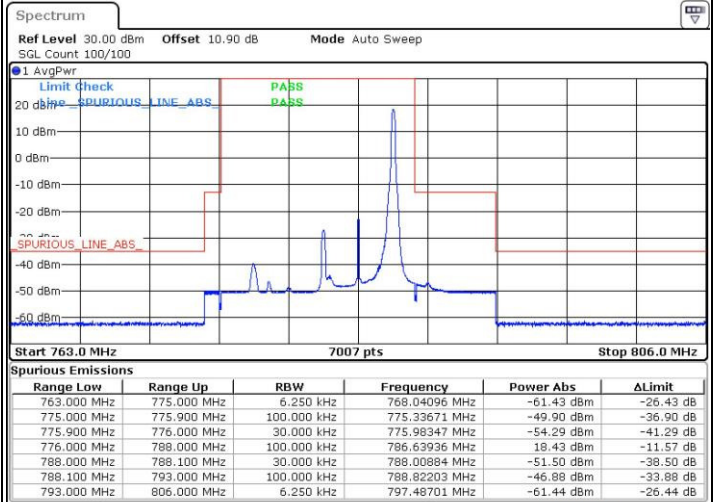
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



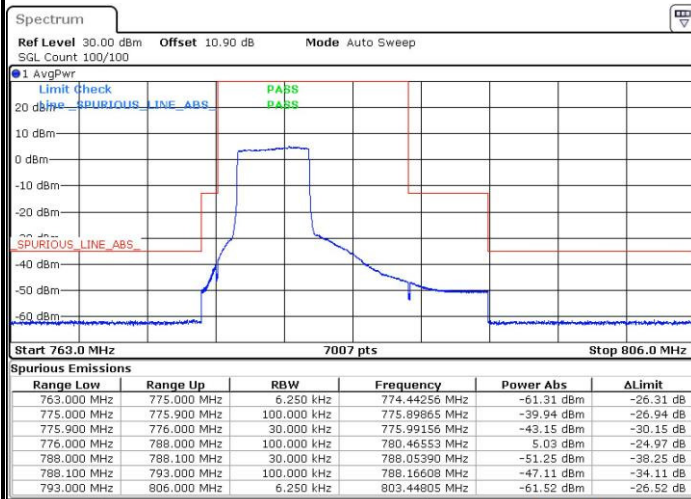
Date: 26 MAR 2016 15:32:16

Highest Band Edge / 1 RB



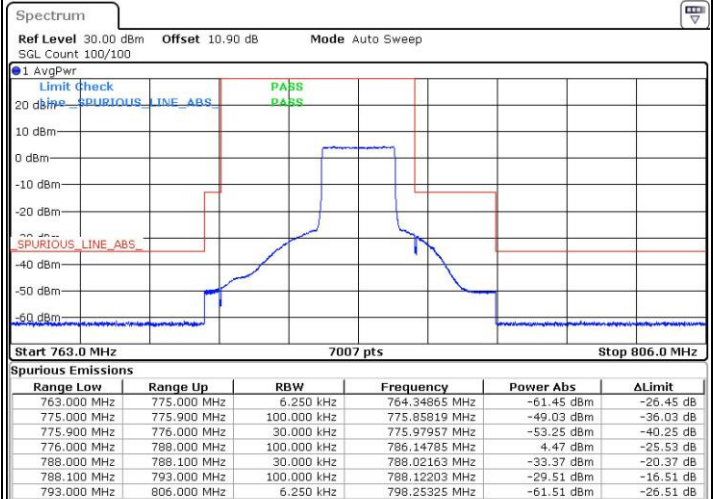
Date: 26 MAR 2016 15:36:54

Lowest Band Edge / Full RB



Date: 26 MAR 2016 15:31:06

Highest Band Edge / Full RB

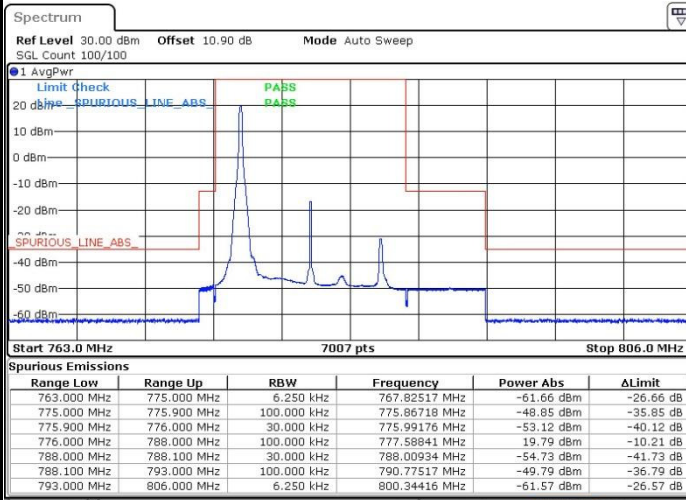


Date: 26 MAR 2016 15:35:44



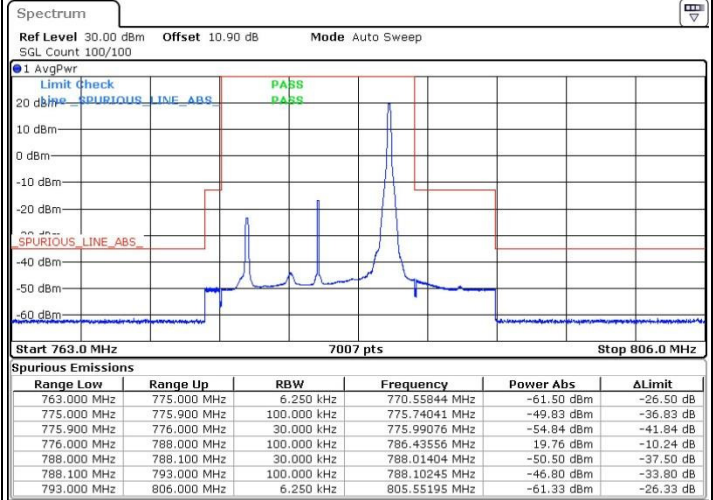
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



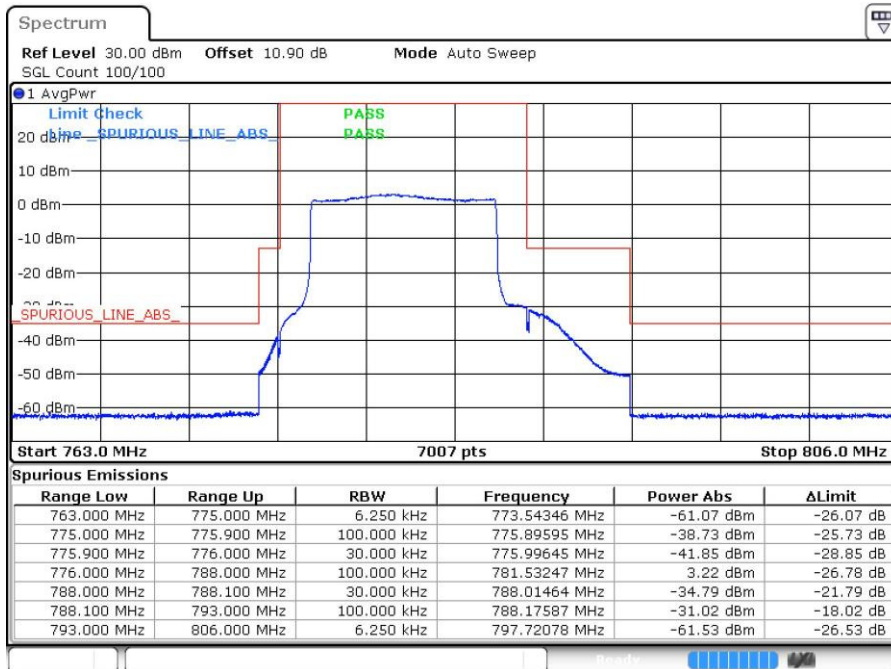
Date: 26 MAR 2016 15:42:41

Highest Band Edge / 1 RB



Date: 26 MAR 2016 15:43:51

Band Edge / Full RB

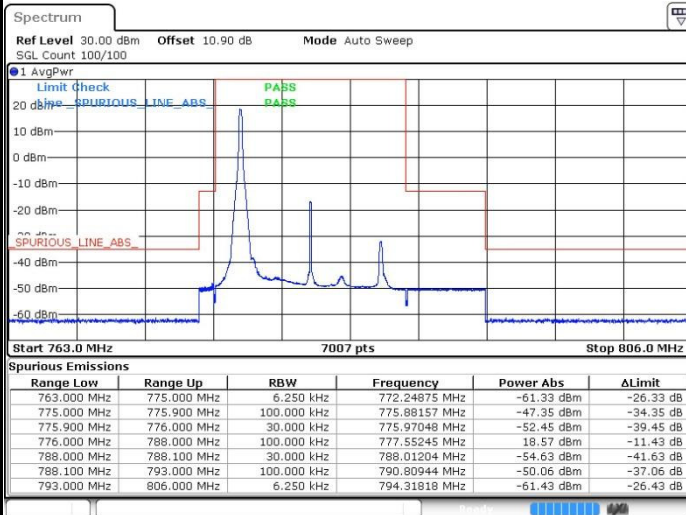


Date: 26 MAR 2016 15:39:13

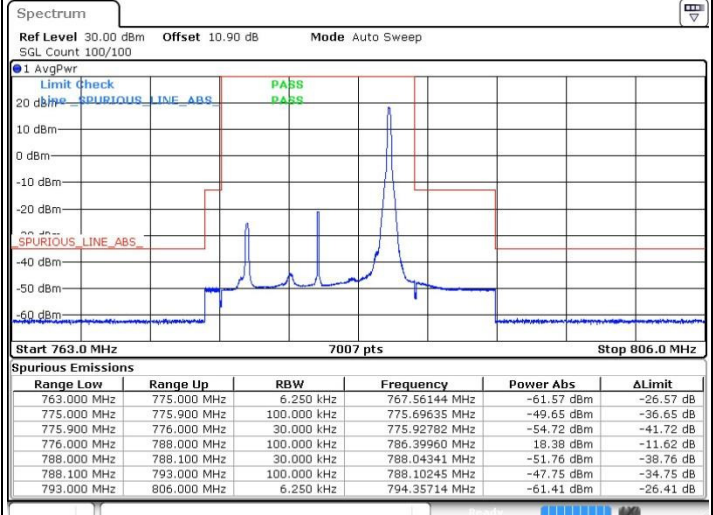


LTE Band 13 / 10MHz / 16QAM

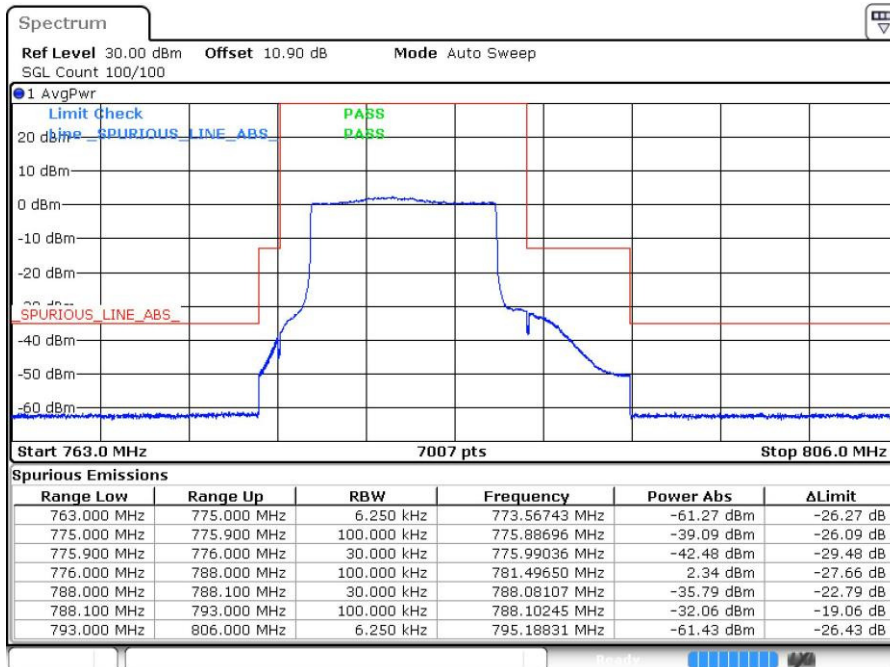
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

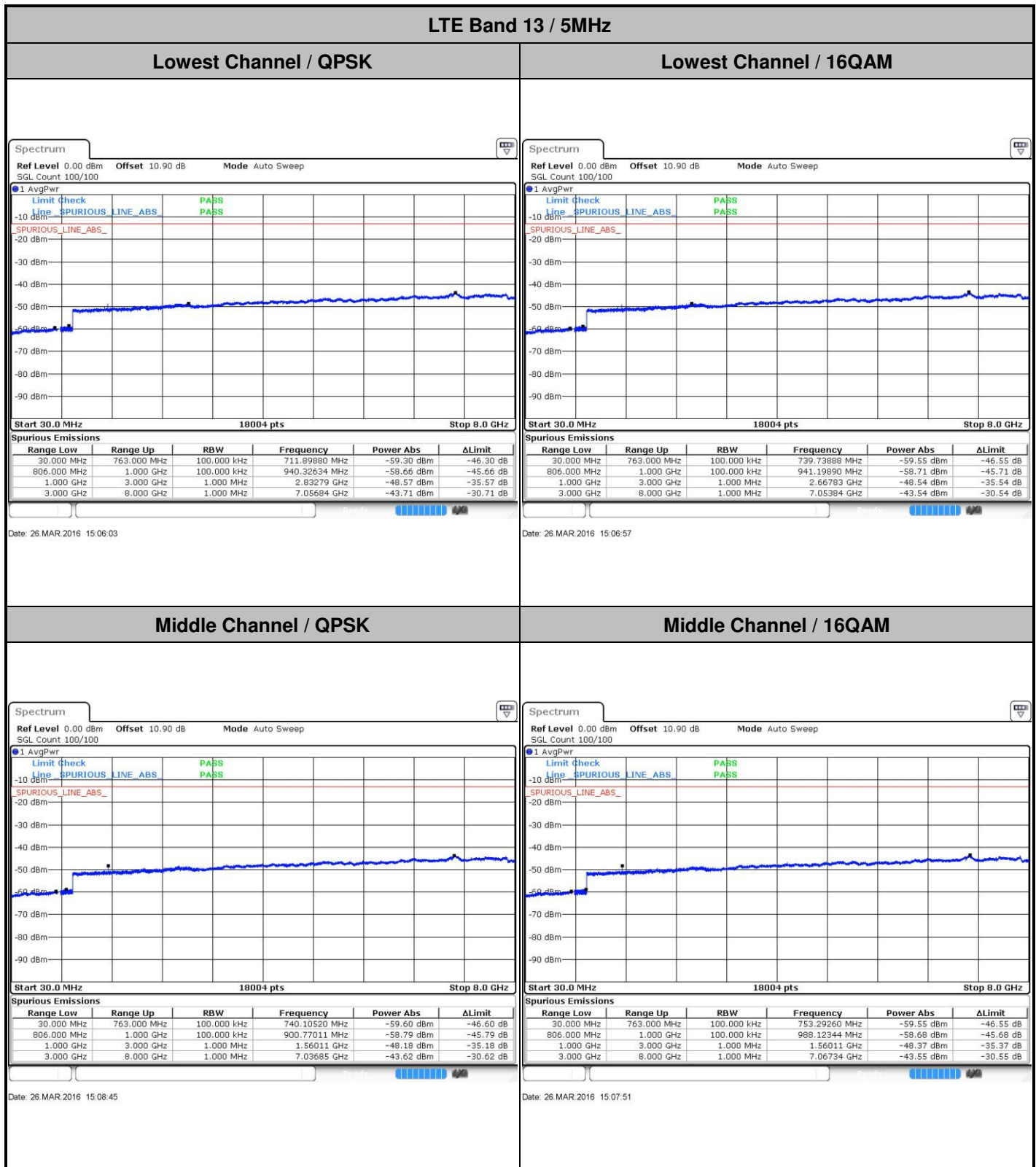


Band Edge / Full RB





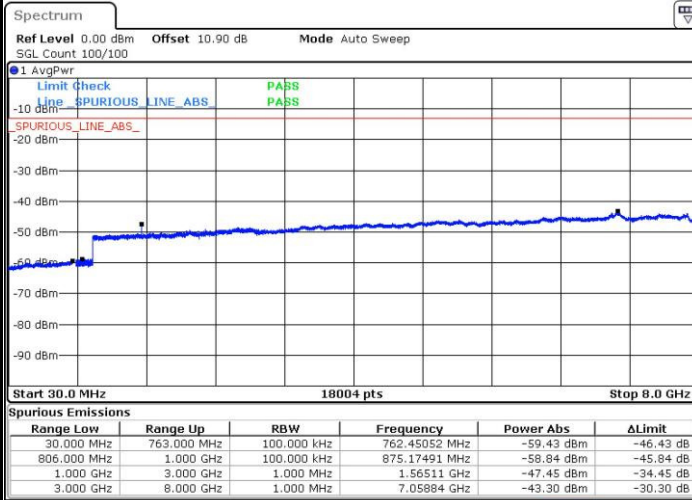
Conducted Spurious Emission





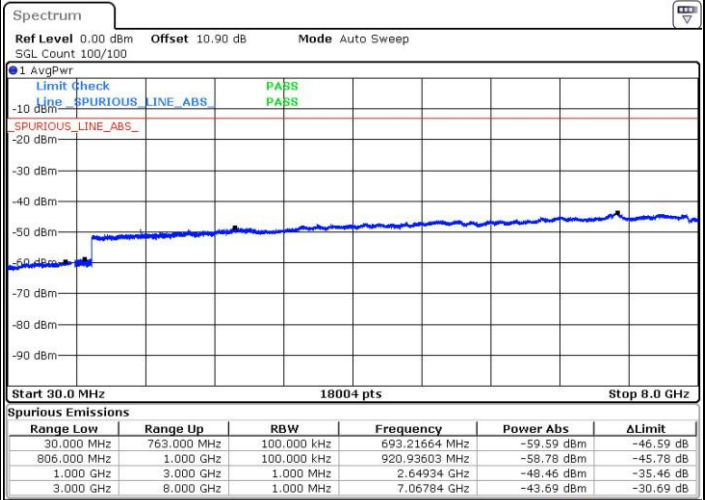
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 26 MAR 2016 15:11:04

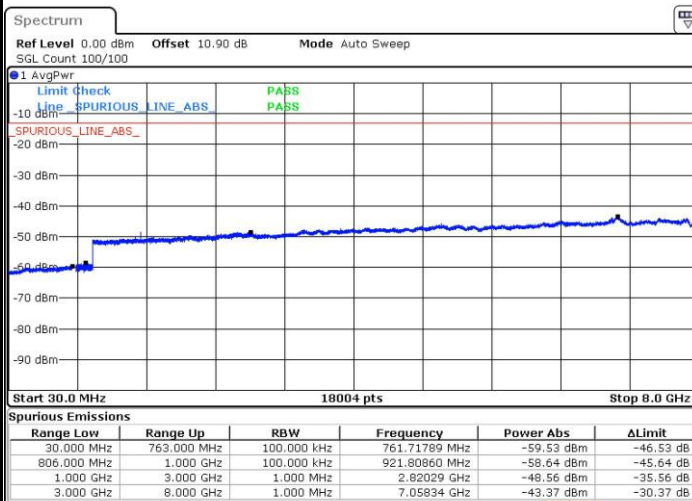
Highest Channel / 16QAM



Date: 26 MAR 2016 15:11:58

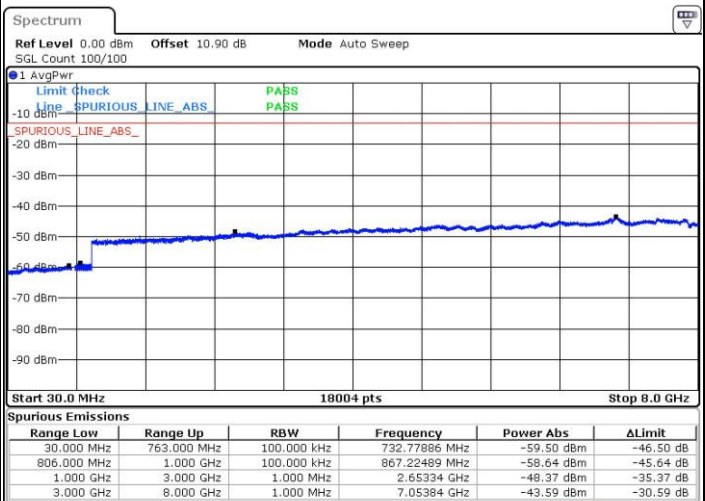
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 26 MAR 2016 15:14:28

Middle Channel / 16QAM



Date: 26 MAR 2016 15:13:34

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	0.0138	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0148	
0	Normal Voltage	0.0142	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0130	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0121	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.2 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

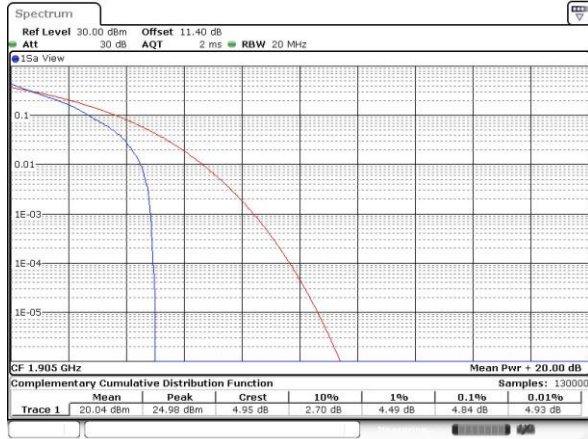
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	-	-	-	-	
Highest CH	4.84	5.19	5.62	6.2	

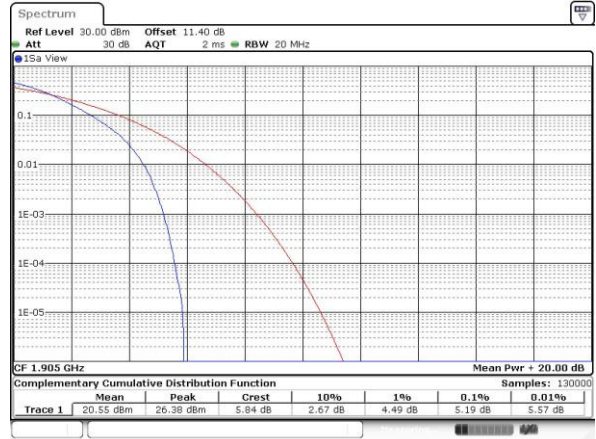


LTE Band 25 / 20MHz / QPSK

Highest Channel / 1RB

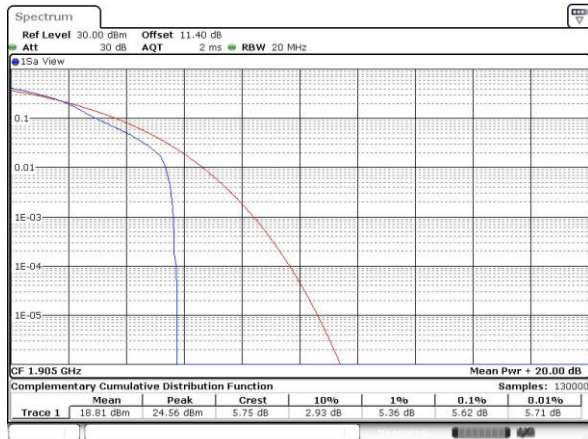


Highest Channel / Full RB

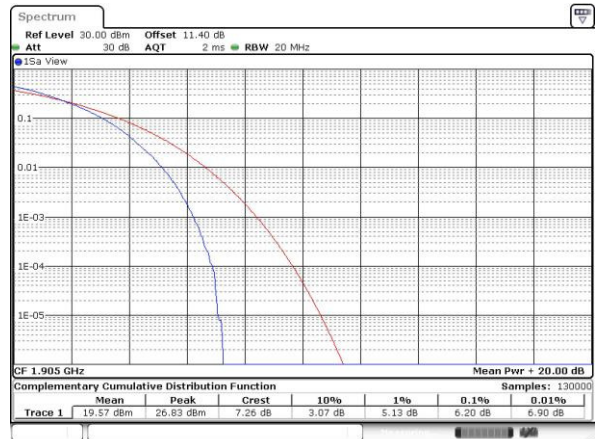


LTE Band 25 / 20MHz / 16QAM

Highest Channel / 1RB



Highest Channel / Full RB



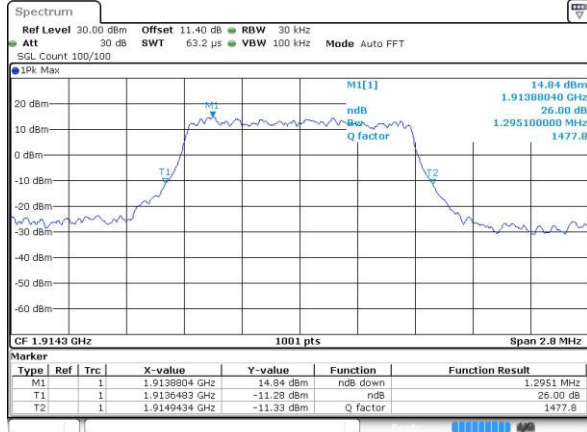
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.3	1.29	2.99	2.99	5	4.9	9.91	9.81	14.3	14.33	20.1	20.26



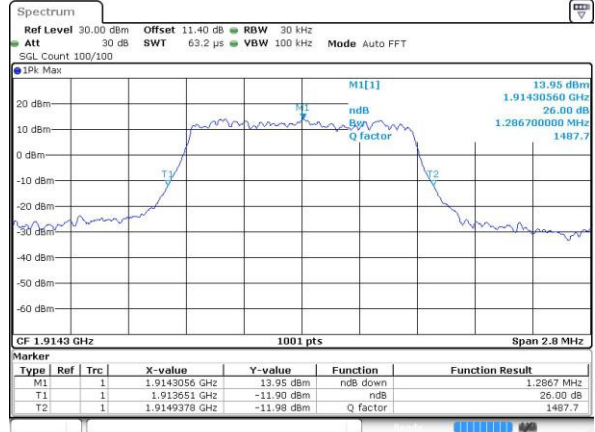
LTE Band 25

Highest Channel / 1.4MHz / QPSK



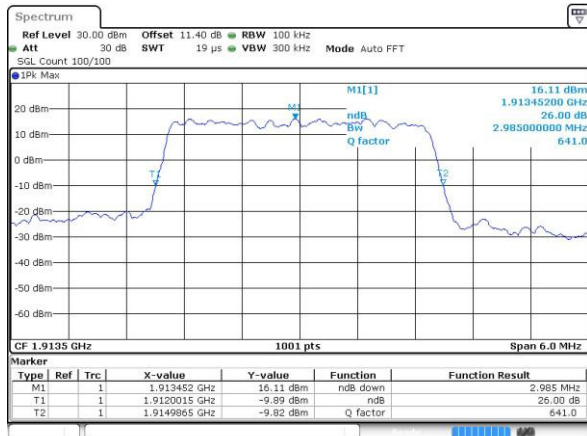
Date: 27 MAR 2016 10:00:32

Highest Channel / 1.4MHz / 16QAM



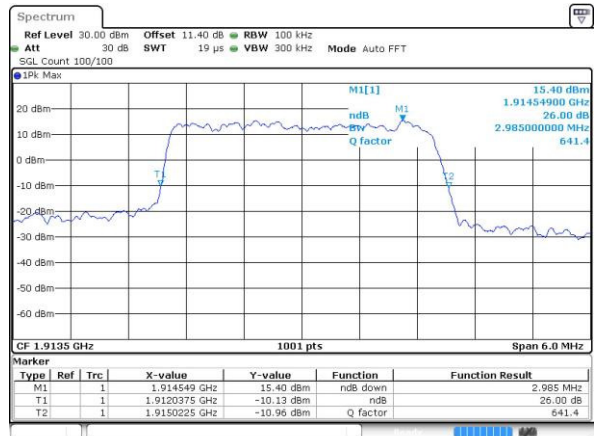
Date: 27 MAR 2016 10:00:22

Highest Channel / 3MHz / QPSK



Date: 27 MAR 2016 09:21:38

Highest Channel / 3MHz / 16QAM



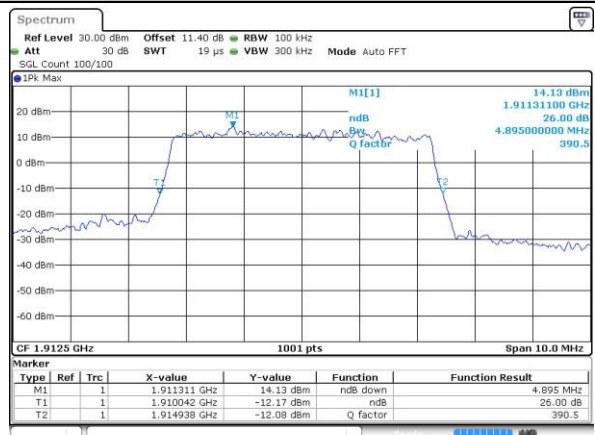
Date: 27 MAR 2016 09:21:27

Highest Channel / 5MHz / QPSK



Date: 27 MAR 2016 09:28:48

Highest Channel / 5MHz / 16QAM

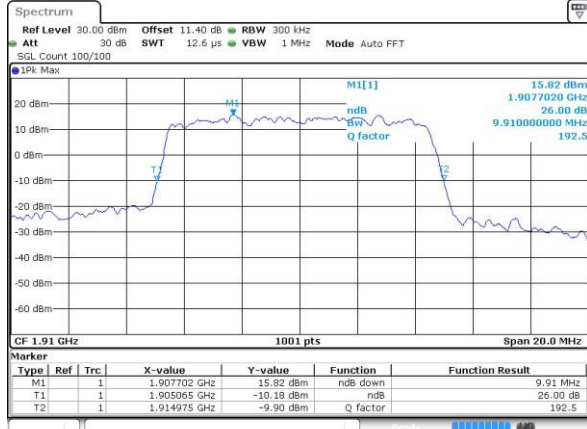


Date: 27 MAR 2016 09:28:37



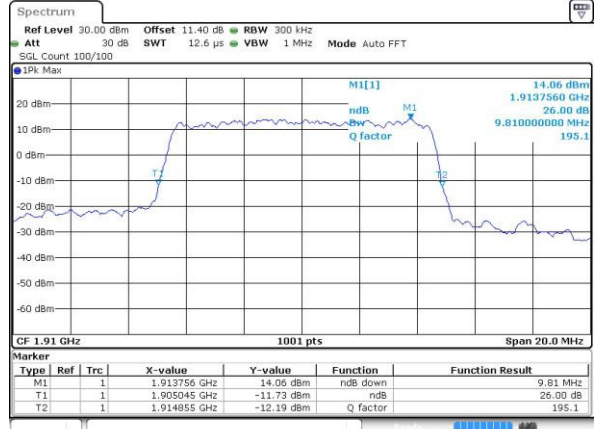
LTE Band 25

Highest Channel / 10MHz / QPSK



Date: 27 MAR 2016 09:35:57

Highest Channel / 10MHz / 16QAM



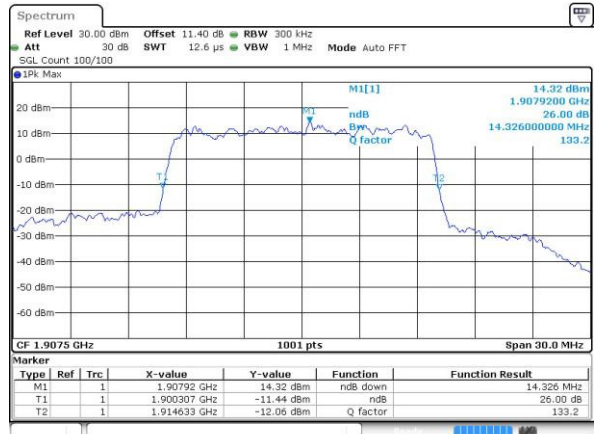
Date: 27 MAR 2016 09:35:47

Highest Channel / 15MHz / QPSK



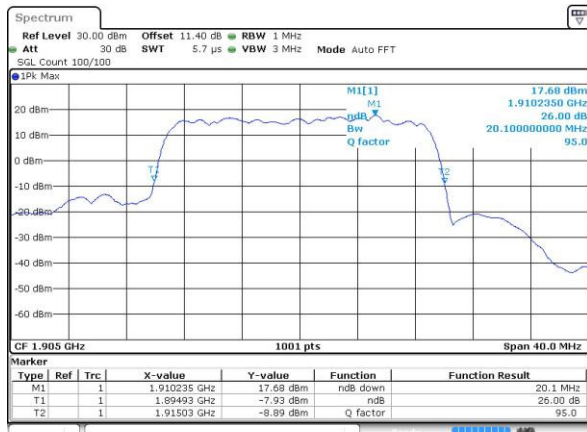
Date: 27 MAR 2016 09:43:06

Highest Channel / 15MHz / 16QAM



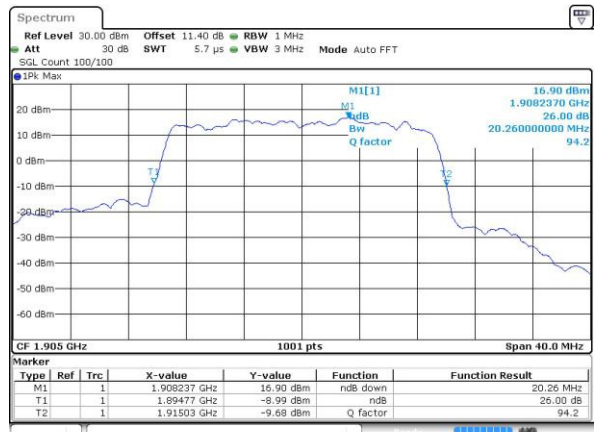
Date: 27 MAR 2016 09:42:56

Highest Channel / 20MHz / QPSK



Date: 27 MAR 2016 09:50:15

Highest Channel / 20MHz / 16QAM



Date: 27 MAR 2016 09:50:05

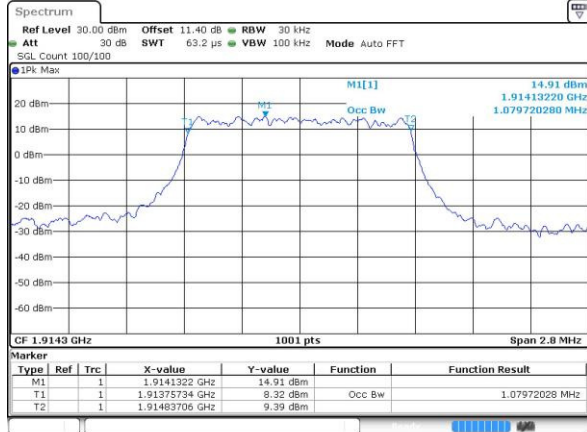
**Occupied Bandwidth**

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-	-	-	-	-
Middle CH	-	-	-	-	-	-	-	-	-	-	-	-
Highest CH	1.08	1.09	2.73	2.71	4.48	4.49	8.93	8.97	13.37	13.43	18.18	18.34



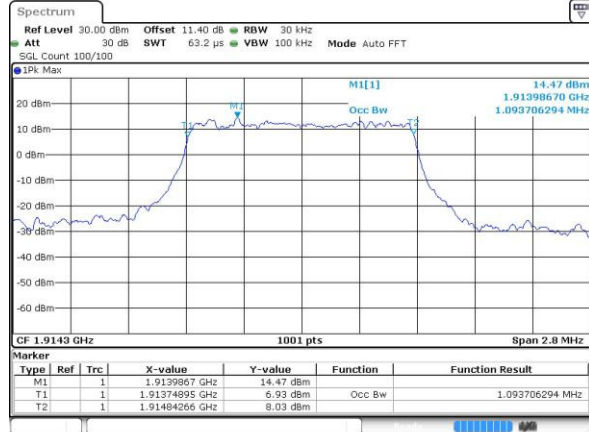
LTE Band 25

Highest Channel / 1.4MHz / QPSK



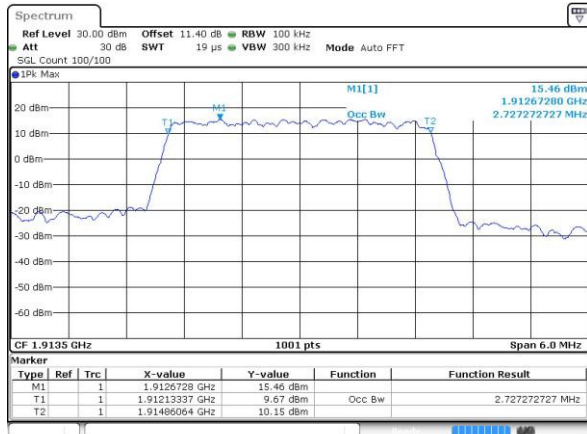
Date: 27 MAR 2016 10:00:01

Highest Channel / 1.4MHz / 16QAM



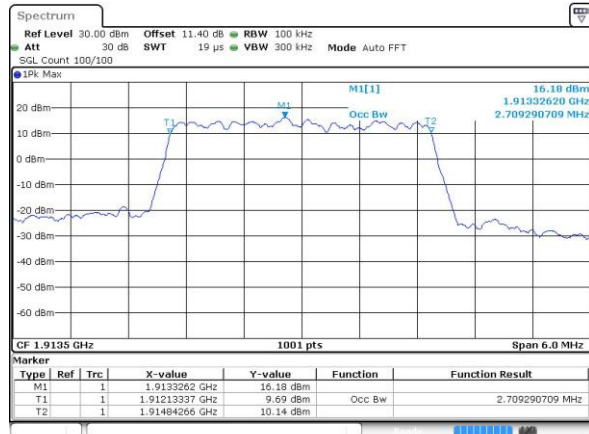
Date: 27 MAR 2016 10:00:11

Highest Channel / 3MHz / QPSK



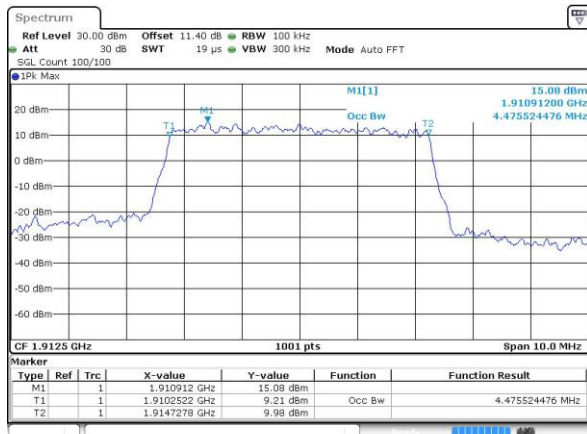
Date: 27 MAR 2016 09:21:06

Highest Channel / 3MHz / 16QAM



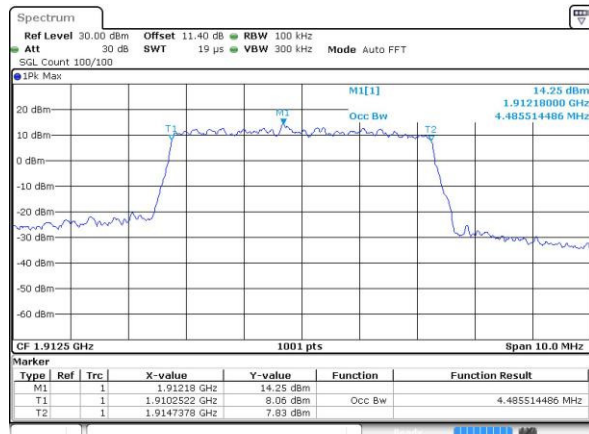
Date: 27 MAR 2016 09:21:17

Highest Channel / 5MHz / QPSK



Date: 27 MAR 2016 09:28:16

Highest Channel / 5MHz / 16QAM

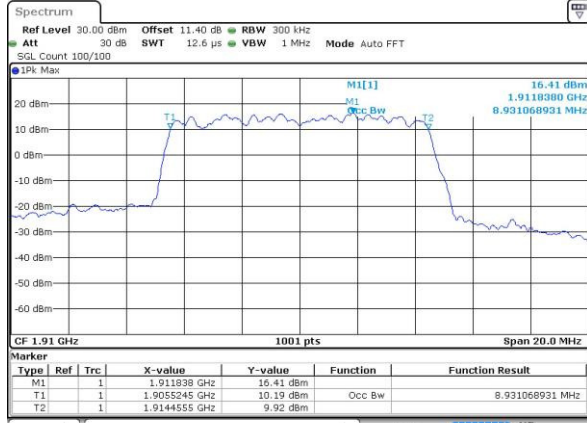


Date: 27 MAR 2016 09:28:27



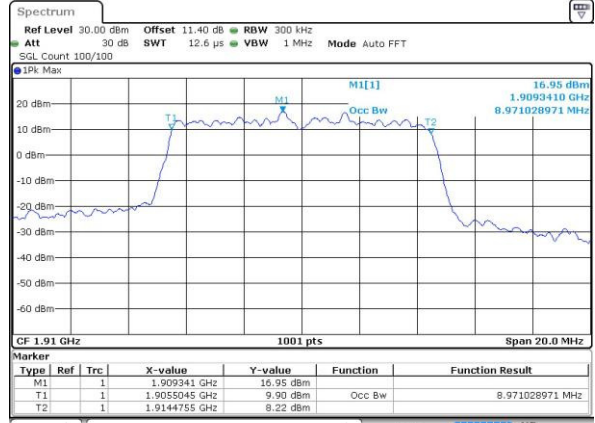
LTE Band 25

Highest Channel / 10MHz / QPSK



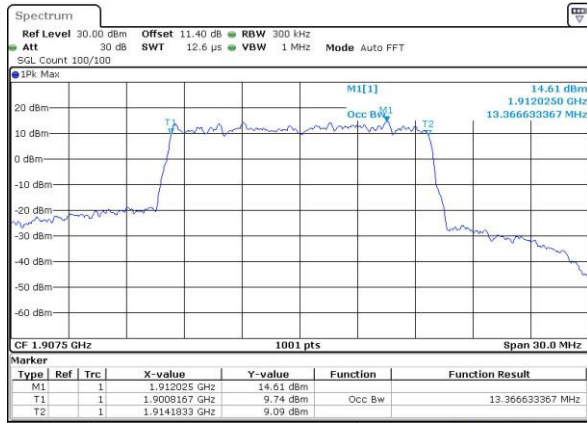
Date: 27 MAR 2016 09:35:28

Highest Channel / 10MHz / 16QAM



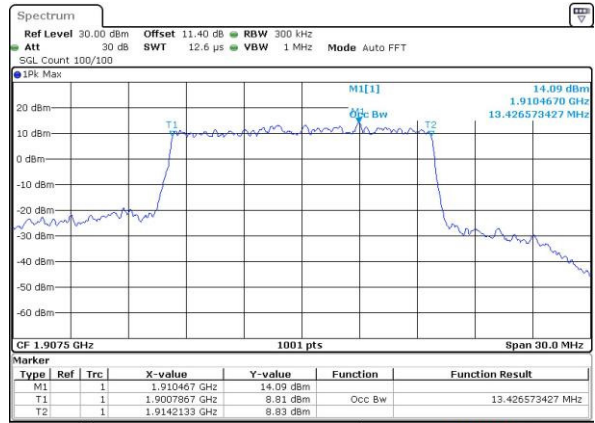
Date: 27 MAR 2016 09:35:36

Highest Channel / 15MHz / QPSK



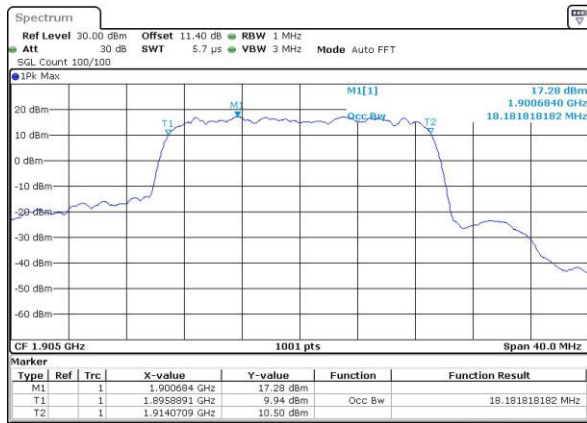
Date: 27 MAR 2016 09:42:35

Highest Channel / 15MHz / 16QAM



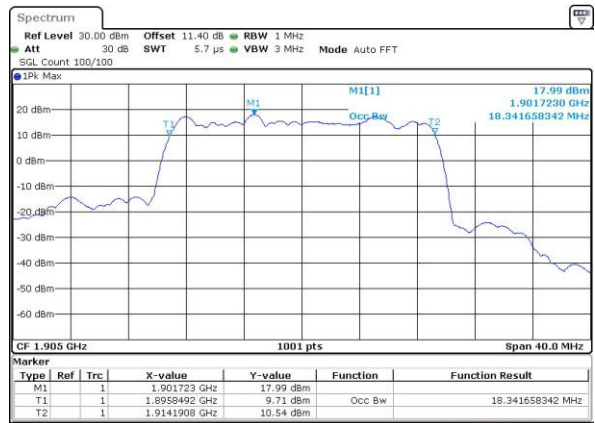
Date: 27 MAR 2016 09:42:45

Highest Channel / 20MHz / QPSK



Date: 27 MAR 2016 09:49:44

Highest Channel / 20MHz / 16QAM



Date: 27 MAR 2016 09:49:54

**Conducted Band Edge****LTE Band 25 / 1.4MHz / QPSK****Highest Band Edge / 1RB**

Date: 27.MAR.2016 10:05:09

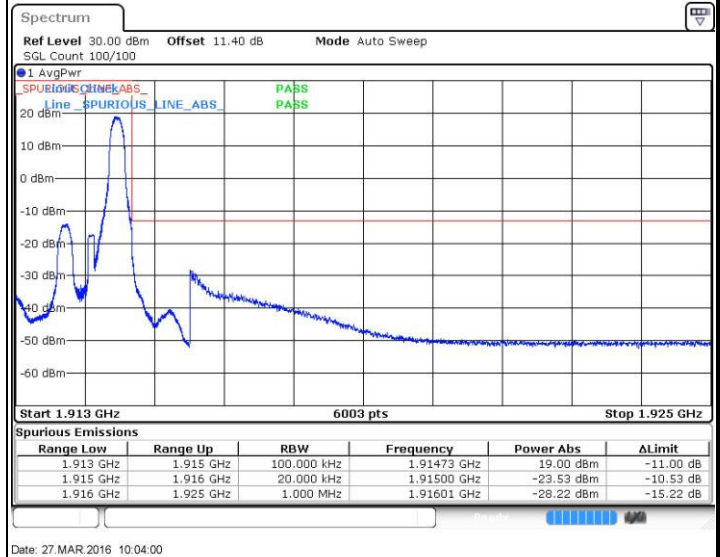
Highest Band Edge / Full RB

Date: 27.MAR.2016 10:01:41

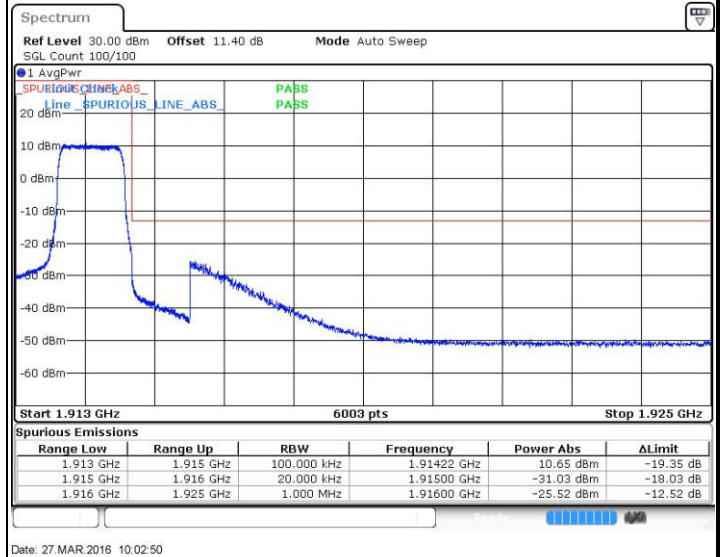


LTE Band 25 / 1.4MHz / 16QAM

Highest Band Edge / 1 RB



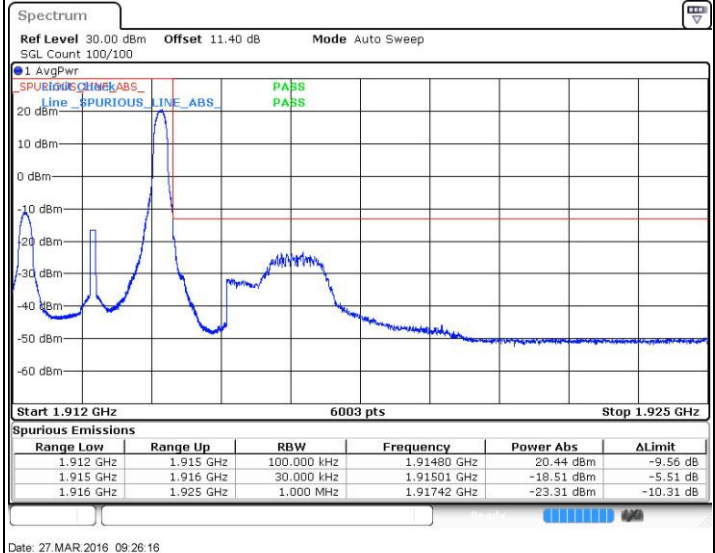
Highest Band Edge / Full RB



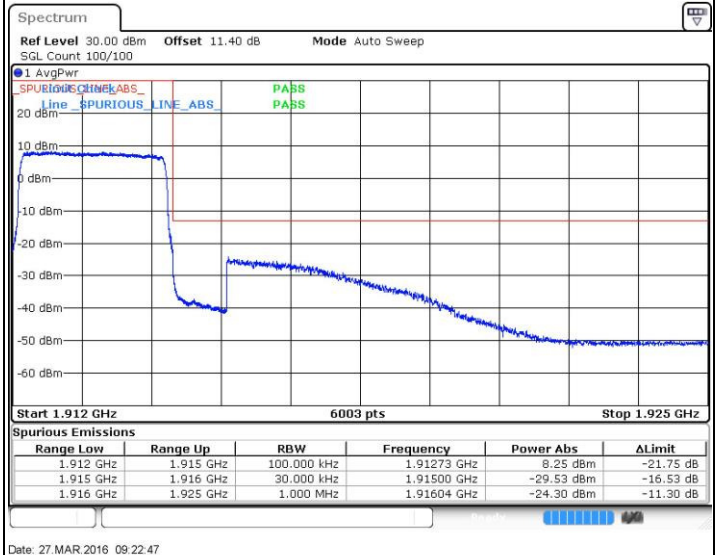


LTE Band 25 / 3MHz / QPSK

Highest Band Edge / 1 RB



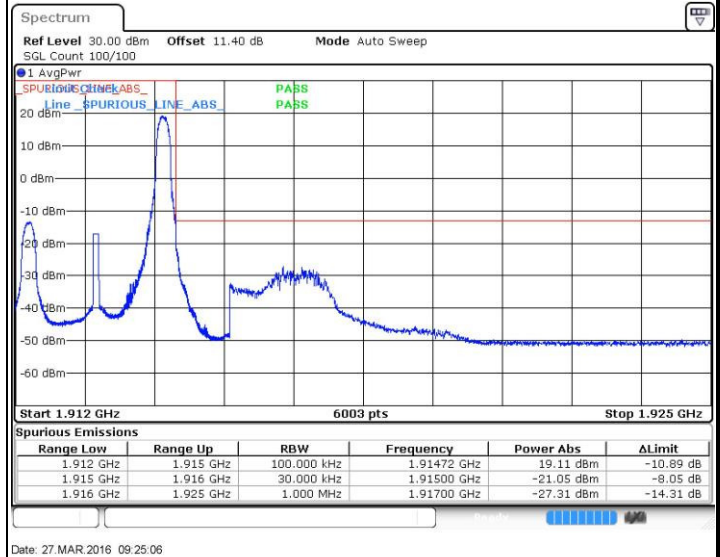
Highest Band Edge / Full RB



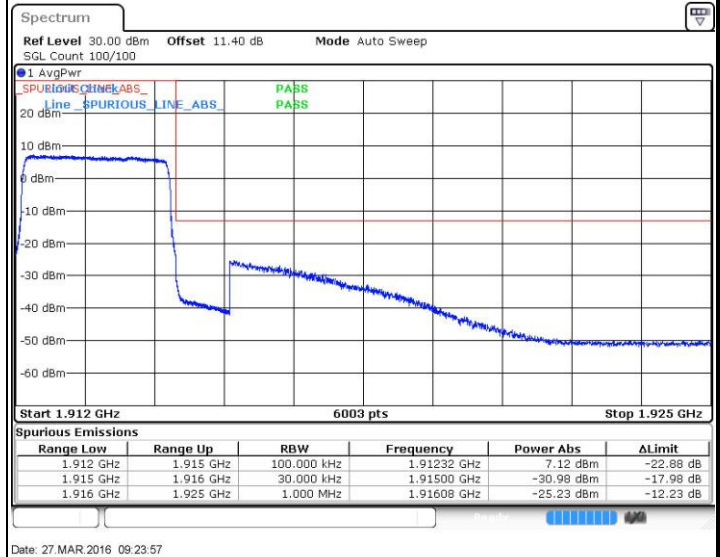


LTE Band 25 / 3MHz / 16QAM

Highest Band Edge / 1 RB



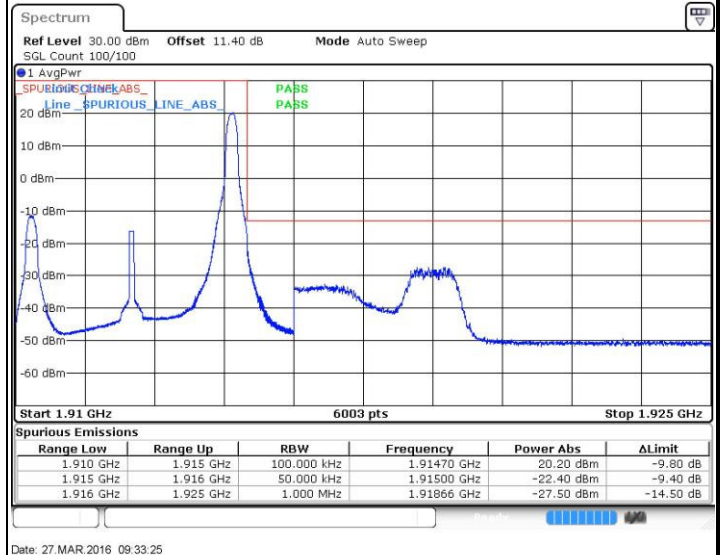
Highest Band Edge / Full RB





LTE Band 25 / 5MHz / QPSK

Highest Band Edge / 1 RB



Highest Band Edge / Full RB

