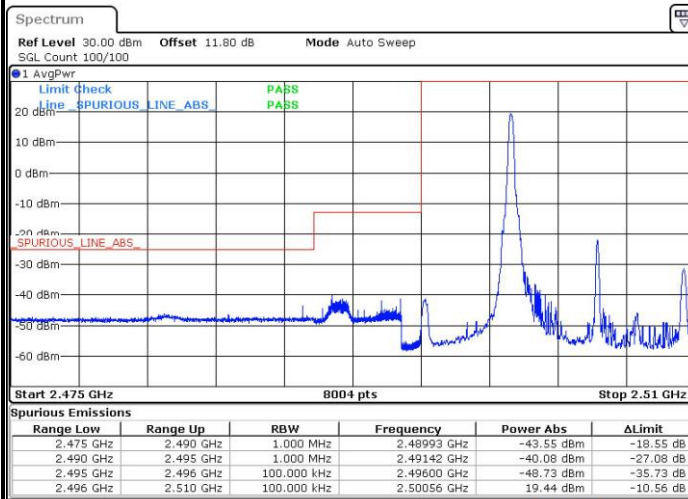


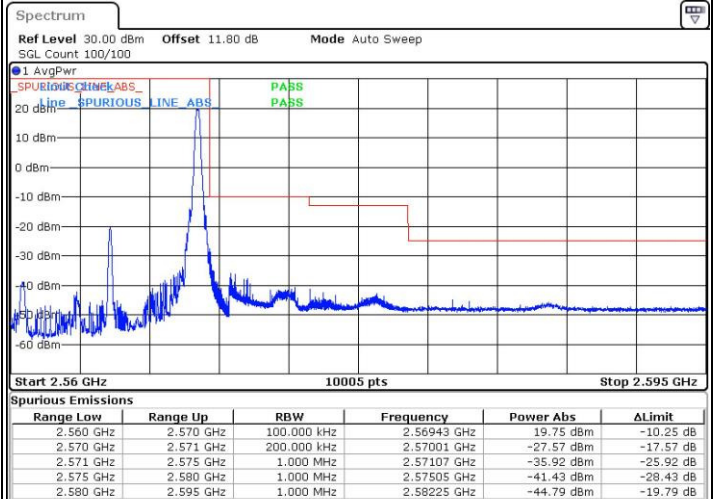


LTE Band 7 / 10MHz / 16QAM

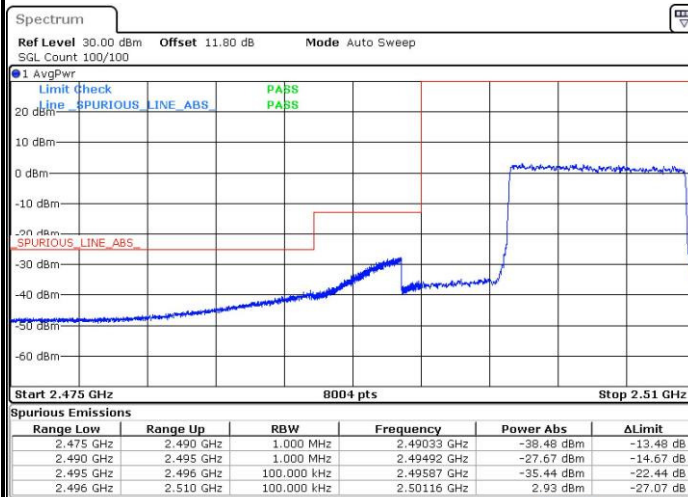
Lowest Band Edge / 1 RB



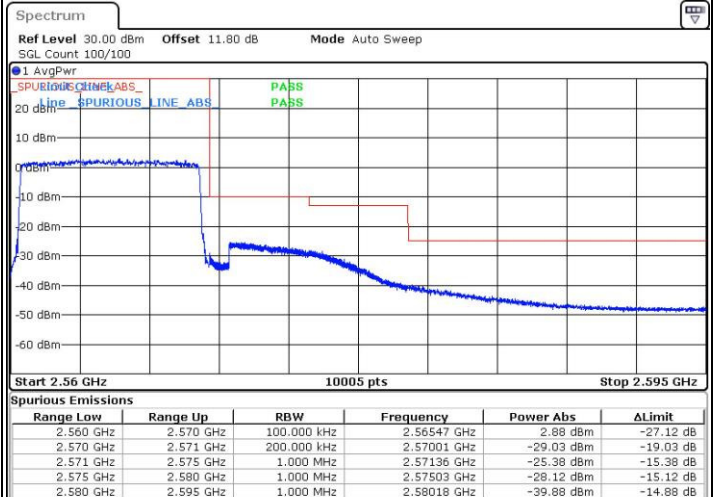
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



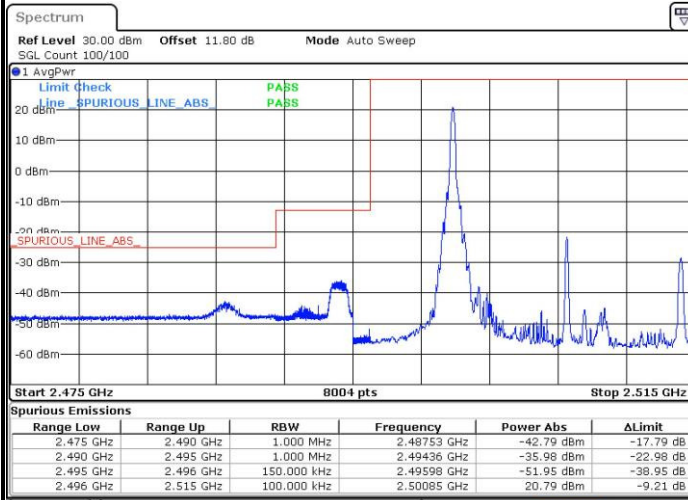
Highest Band Edge / Full RB



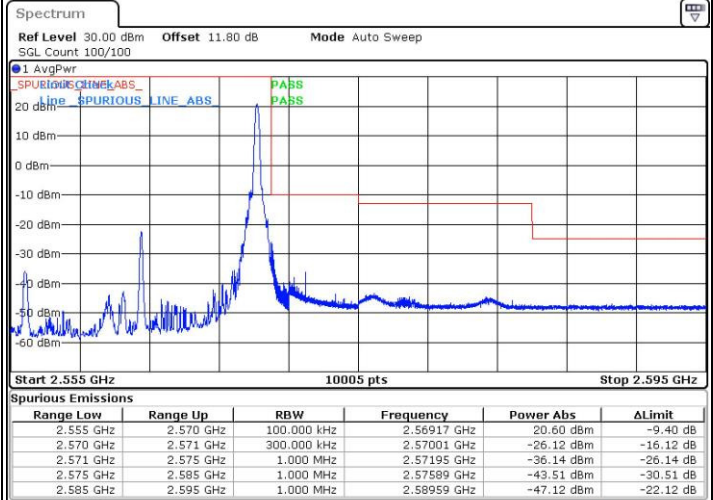


LTE Band 7 / 15MHz / QPSK

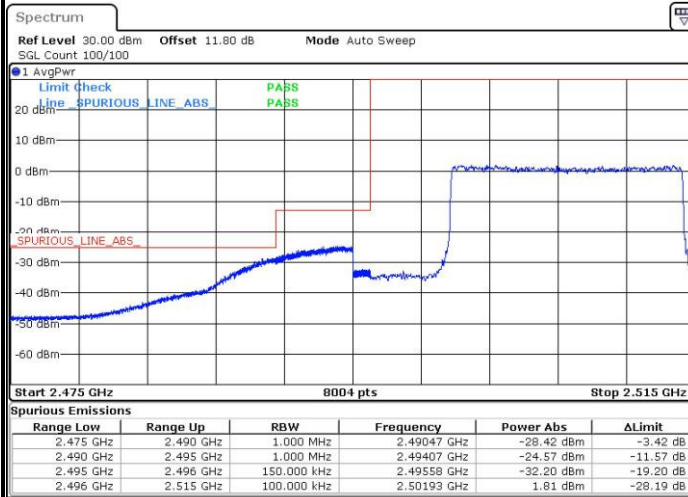
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



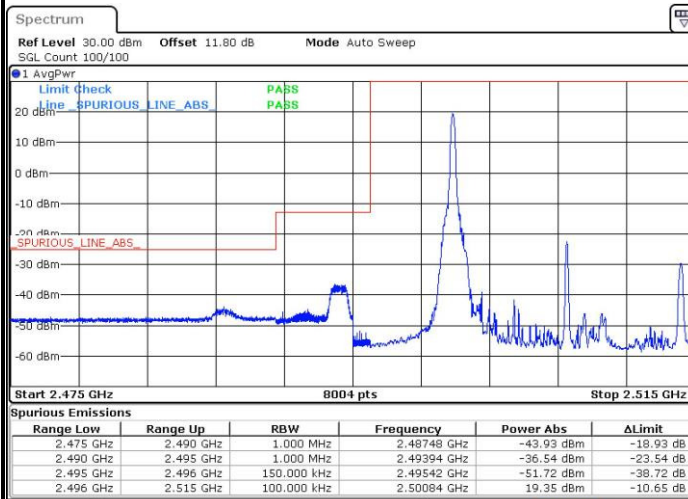
Highest Band Edge / Full RB



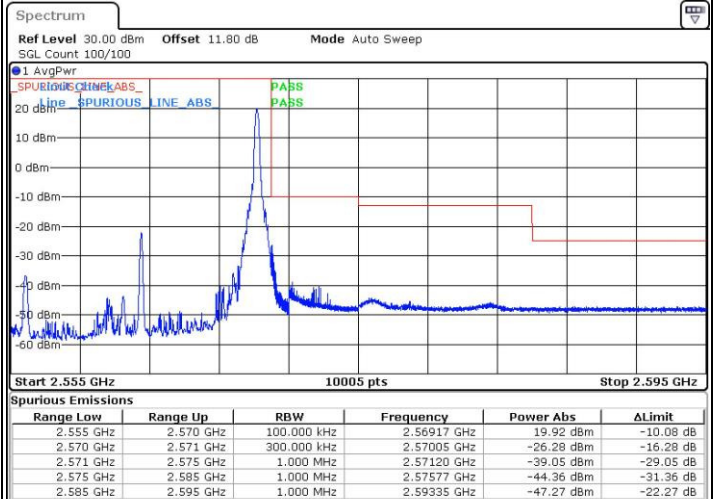


LTE Band 7 / 15MHz / 16QAM

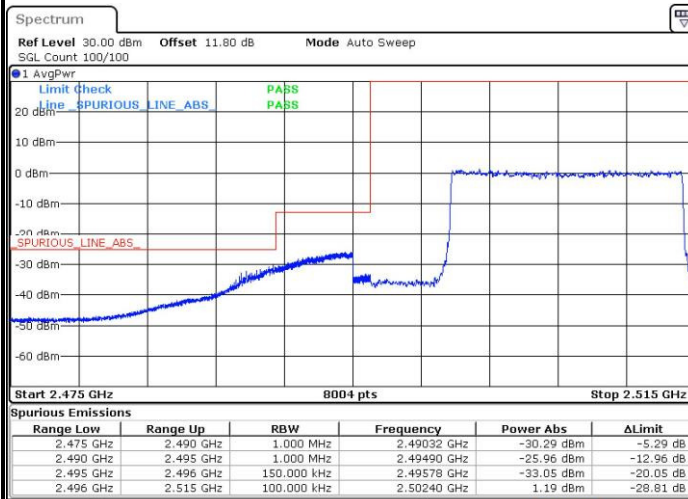
Lowest Band Edge / 1 RB



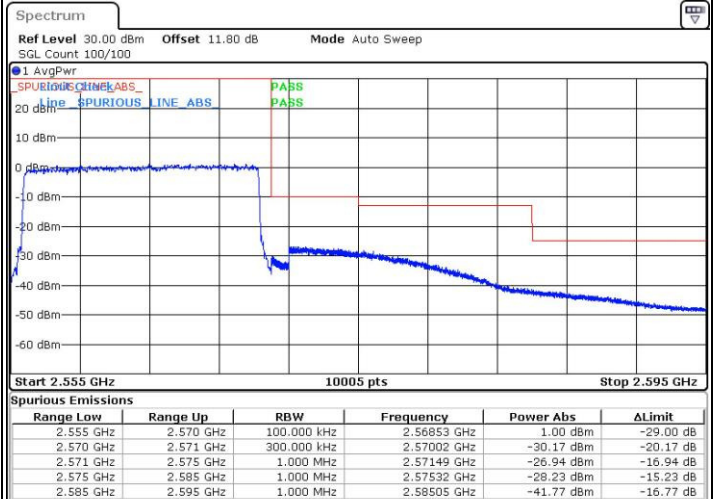
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



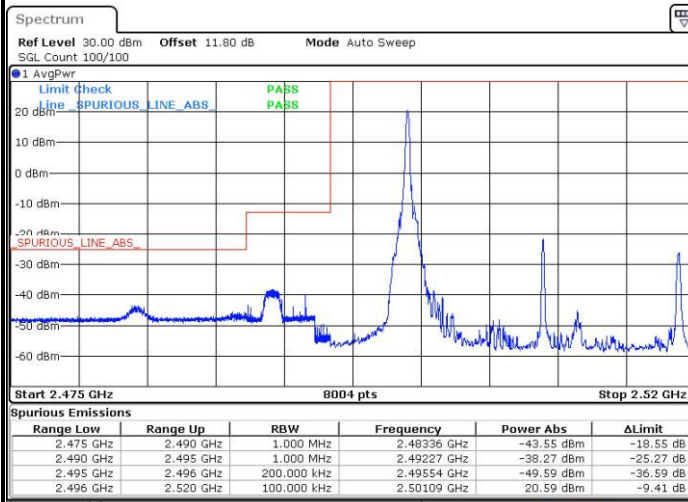
Highest Band Edge / Full RB



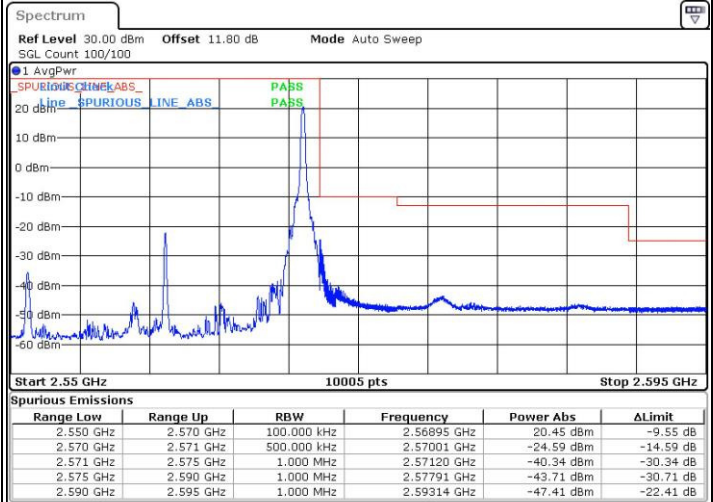


LTE Band 7 / 20MHz / QPSK

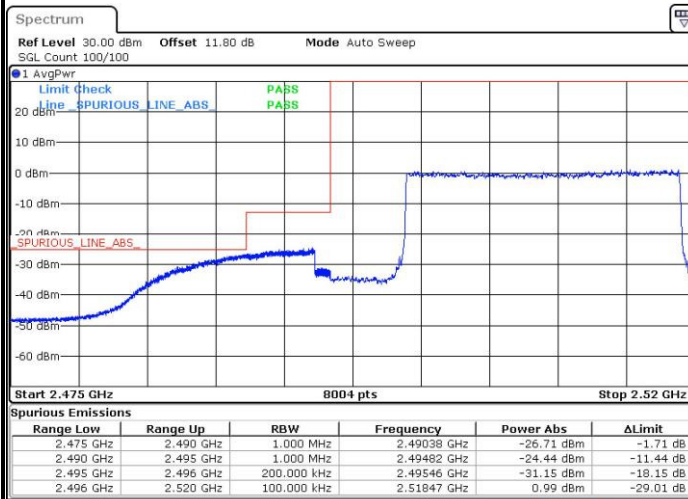
Lowest Band Edge / 1 RB



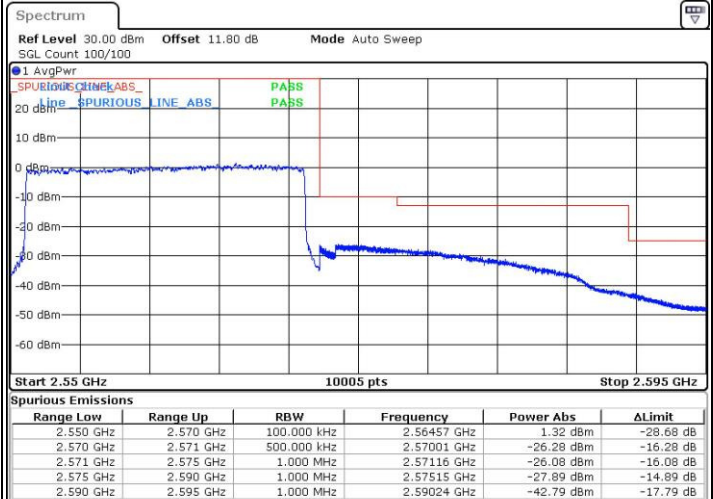
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



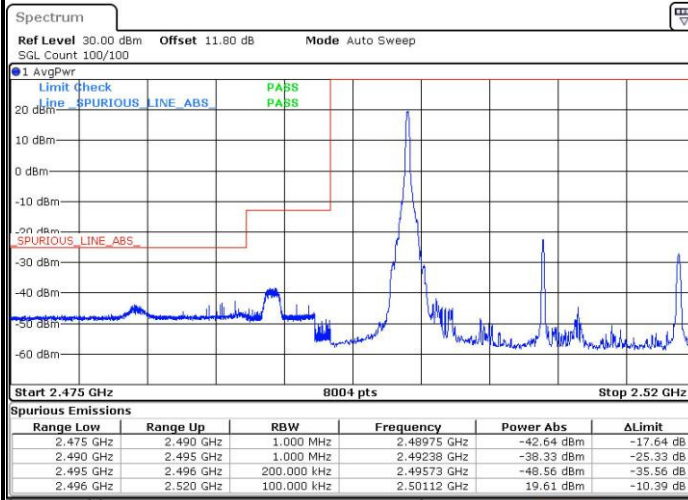
Highest Band Edge / Full RB



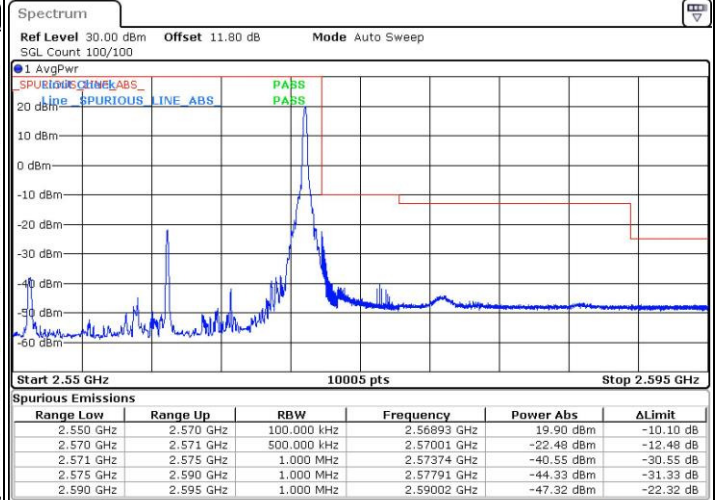


LTE Band 7 / 20MHz / 16QAM

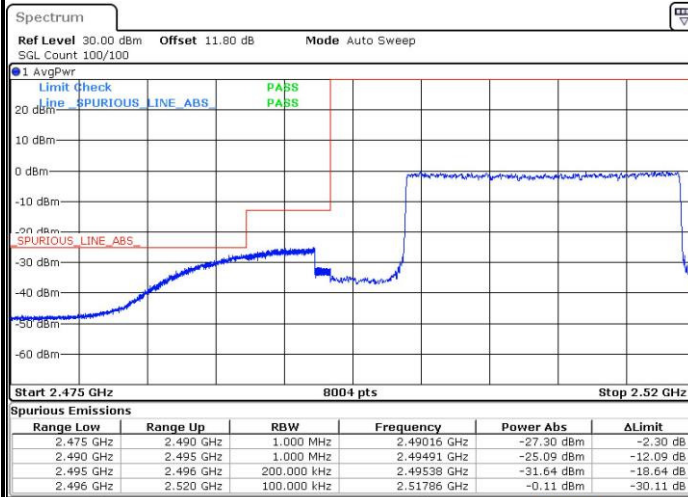
Lowest Band Edge / 1 RB



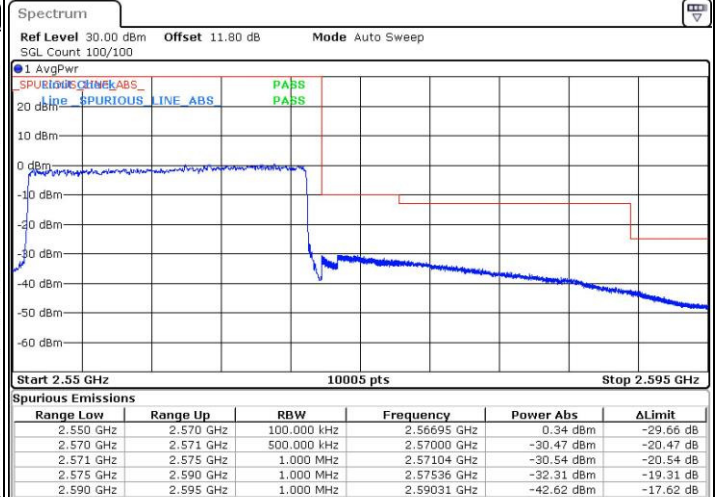
Highest Band Edge / 1RB

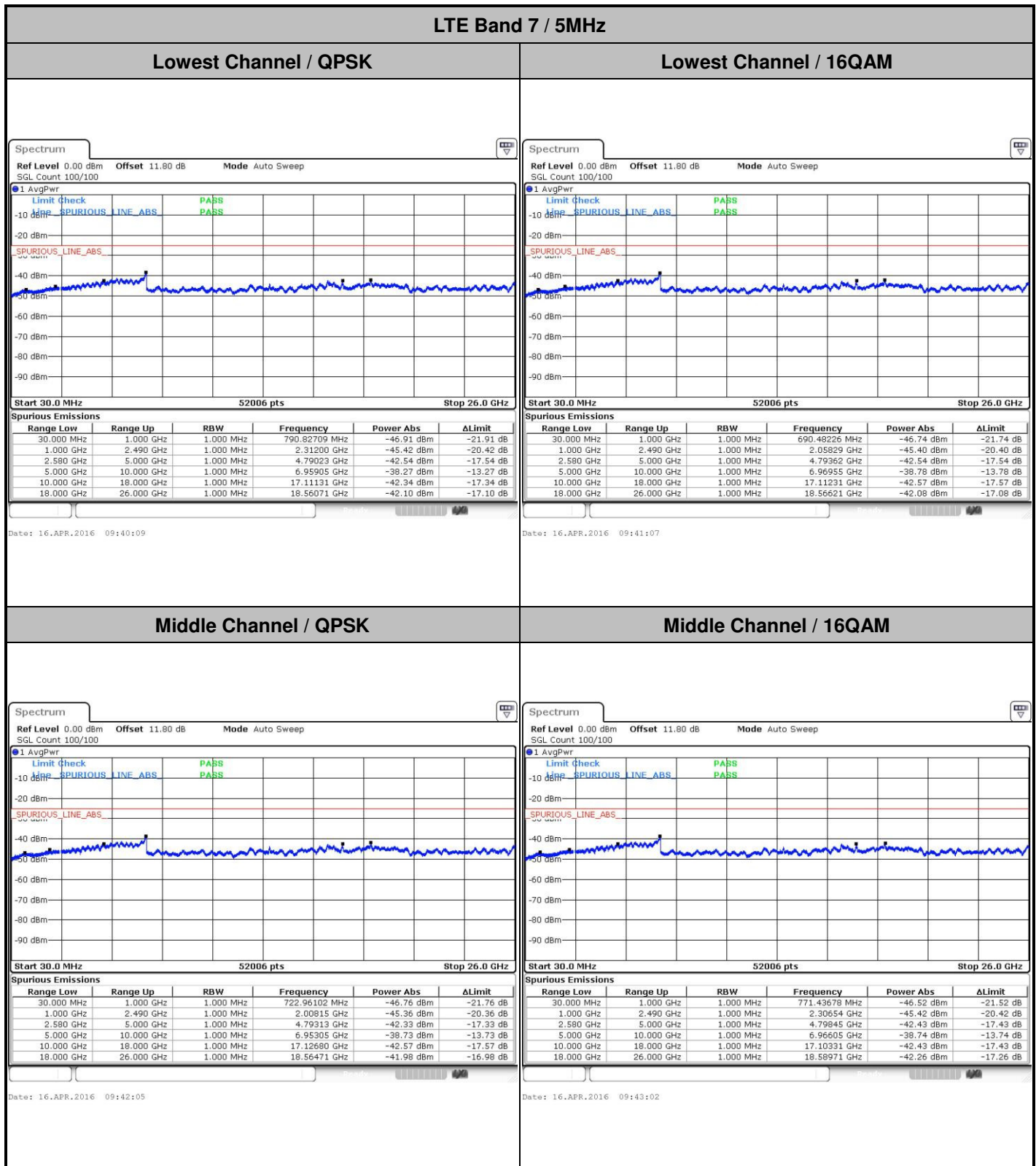


Lowest Band Edge / Full RB



Highest Band Edge / Full RB

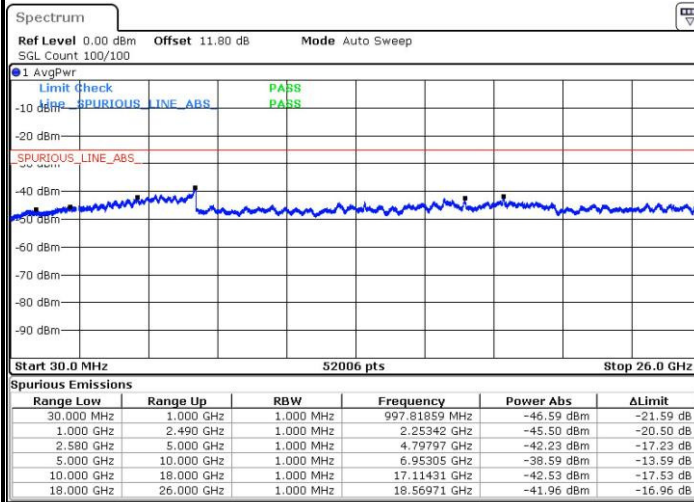


**Conducted Spurious Emission**



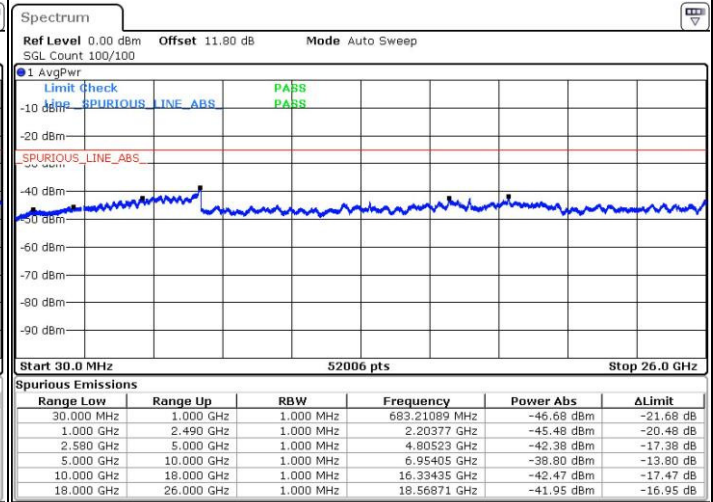
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 16.APR.2016 09:44:00

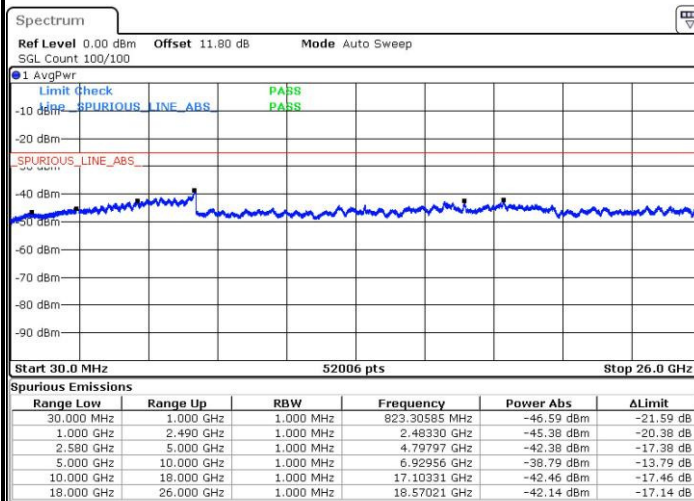
Highest Channel / 16QAM



Date: 16.APR.2016 09:44:58

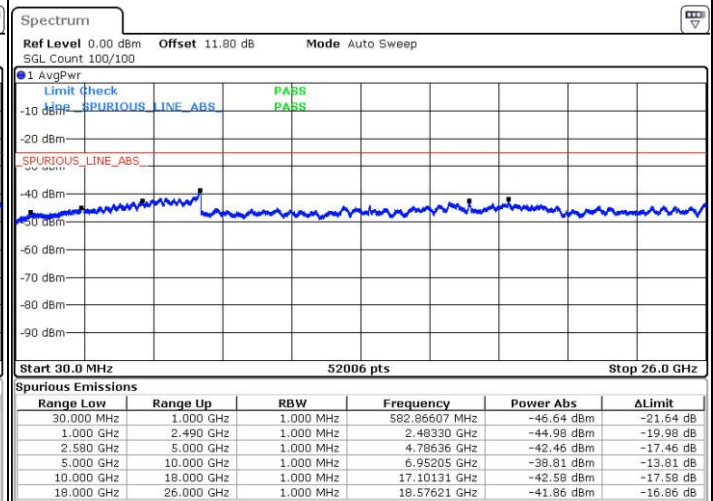
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 16.APR.2016 09:45:55

Lowest Channel / 16QAM

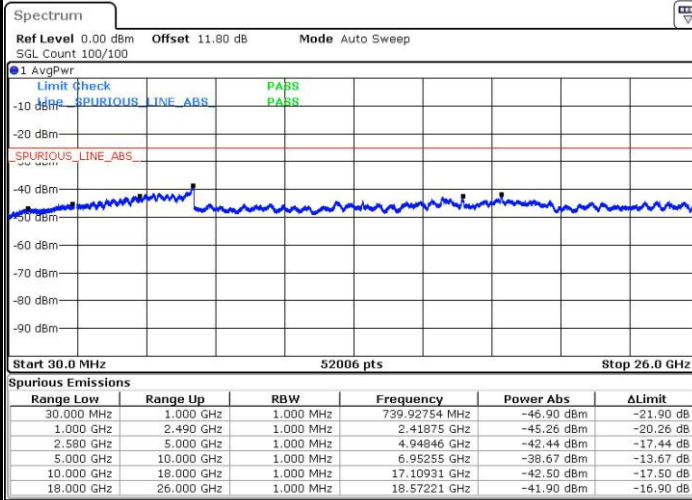


Date: 16.APR.2016 09:46:53



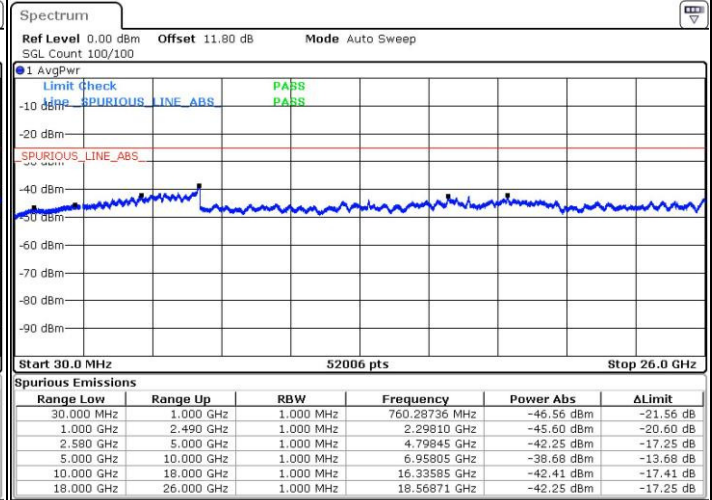
LTE Band 7 / 10MHz

Middle Channel / QPSK



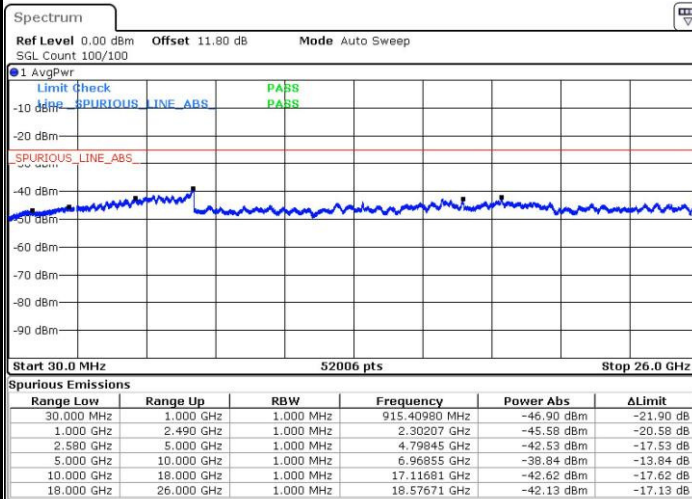
Date: 16.APR.2016 09:47:51

Middle Channel / 16QAM



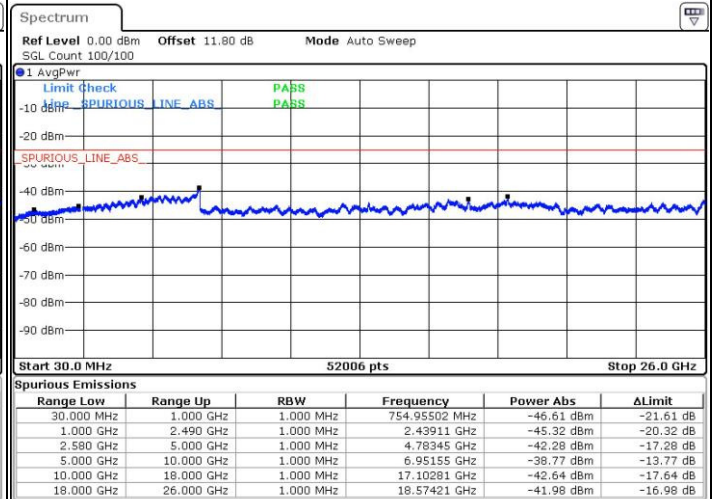
Date: 16.APR.2016 09:48:49

Highest Channel / QPSK



Date: 16.APR.2016 09:49:46

Highest Channel / 16QAM

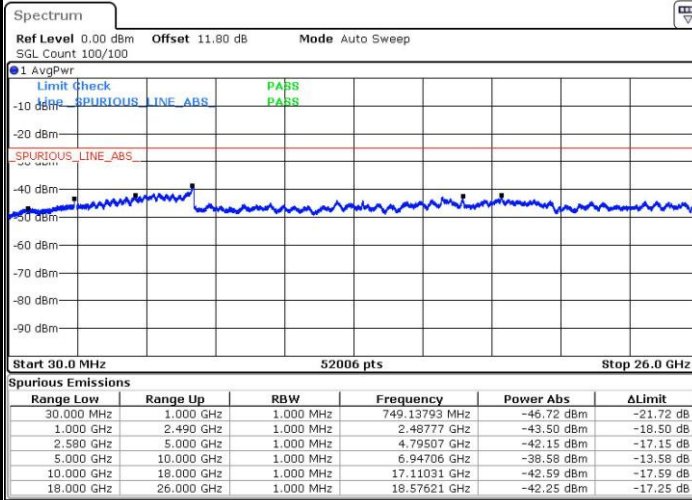


Date: 16.APR.2016 09:50:44



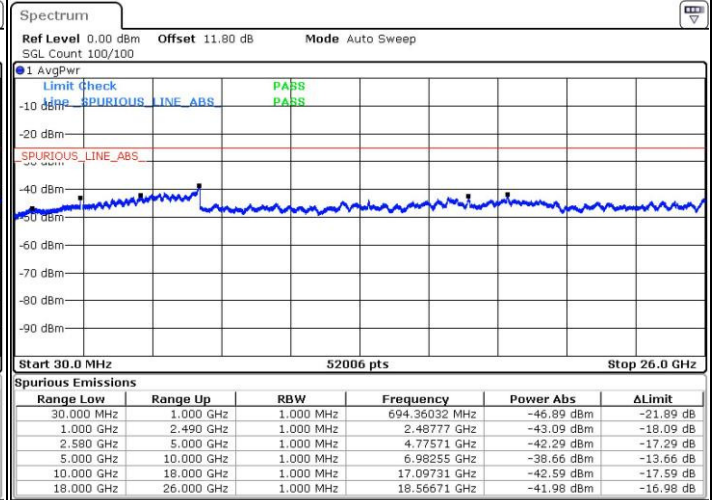
LTE Band 7 / 15MHz

Lowest Channel / QPSK



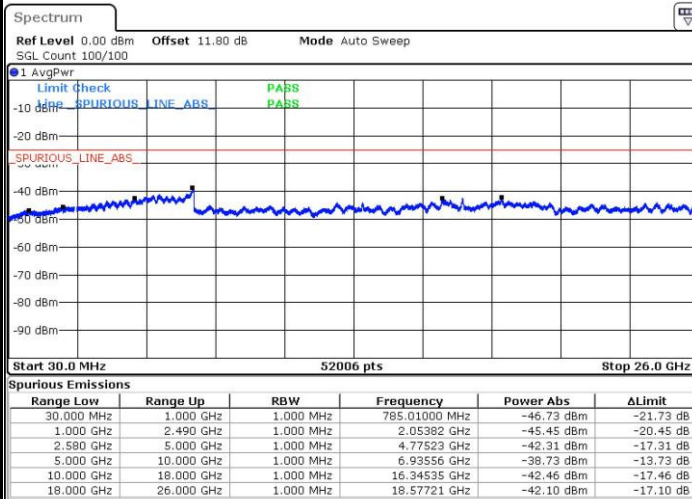
Date: 16.APR.2016 09:51:42

Lowest Channel / 16QAM



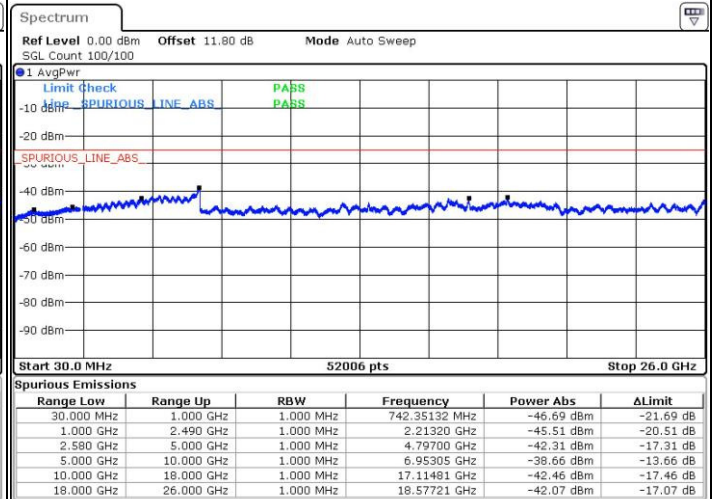
Date: 16.APR.2016 09:52:39

Middle Channel / QPSK



Date: 16.APR.2016 09:53:37

Middle Channel / 16QAM

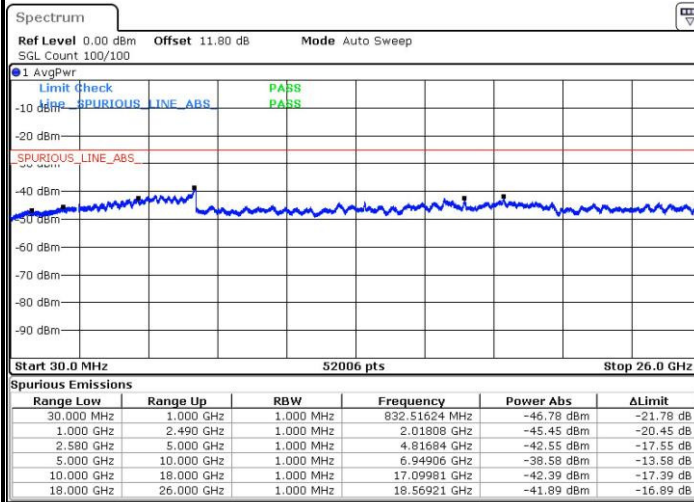


Date: 16.APR.2016 09:54:35



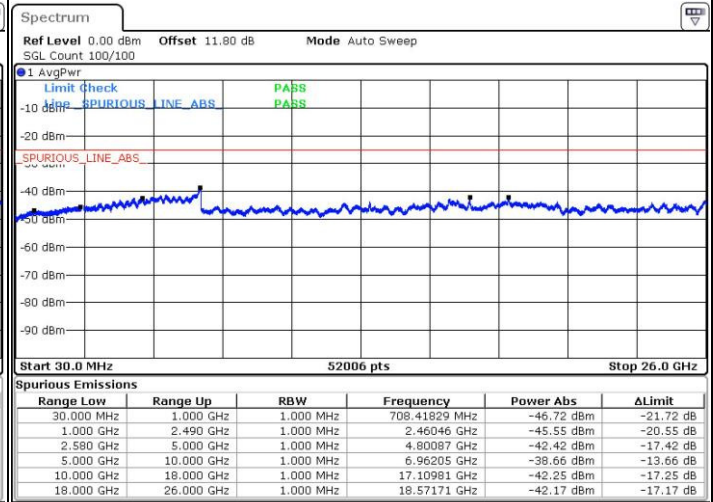
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 16.APR.2016 09:55:33

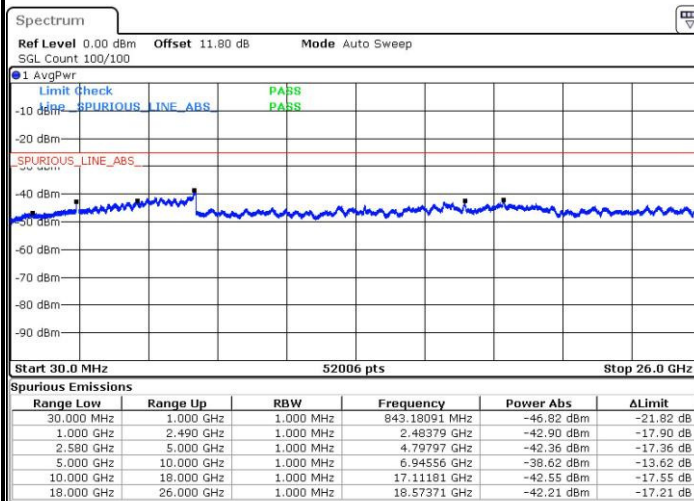
Highest Channel / 16QAM



Date: 16.APR.2016 09:56:31

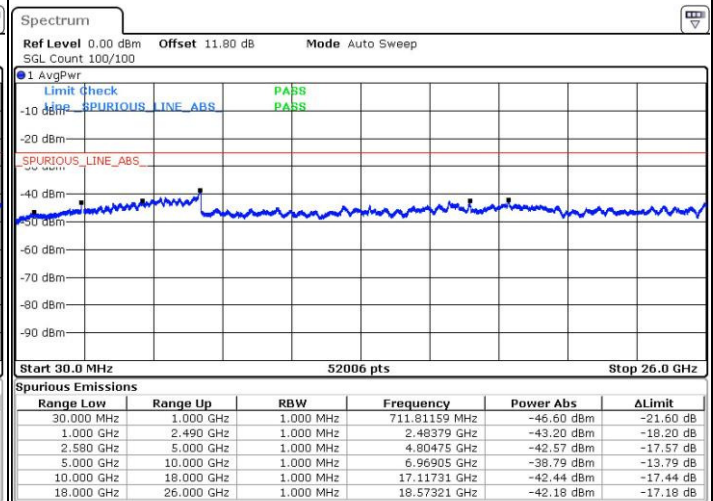
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 16.APR.2016 09:57:28

Lowest Channel / 16QAM

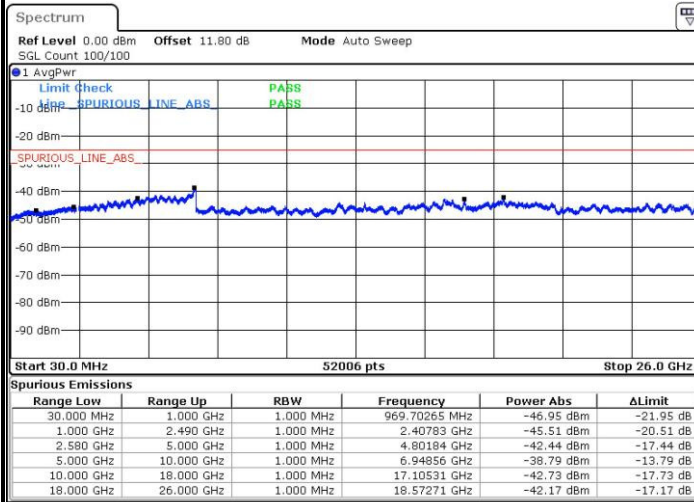


Date: 16.APR.2016 09:58:26



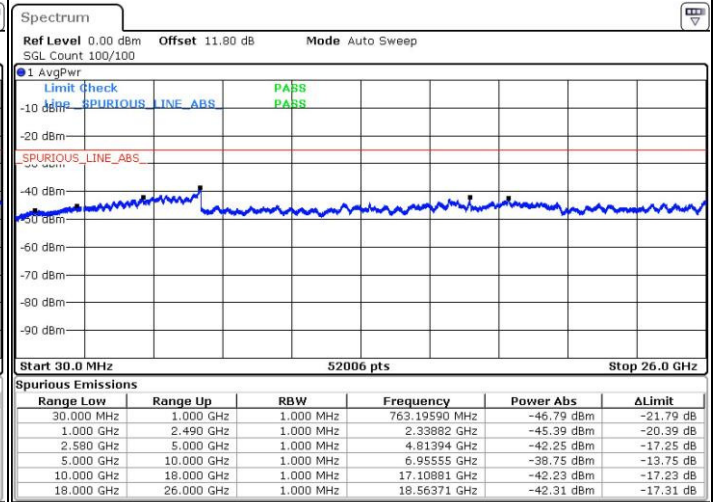
LTE Band 7 / 20MHz

Middle Channel / QPSK



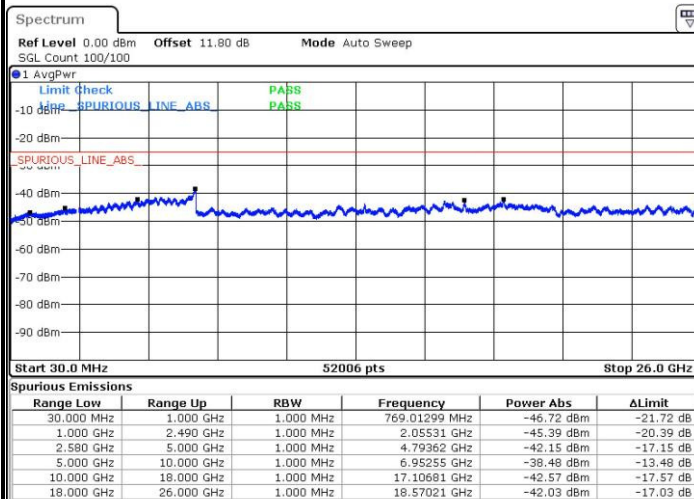
Date: 16.APR.2016 09:59:24

Middle Channel / 16QAM



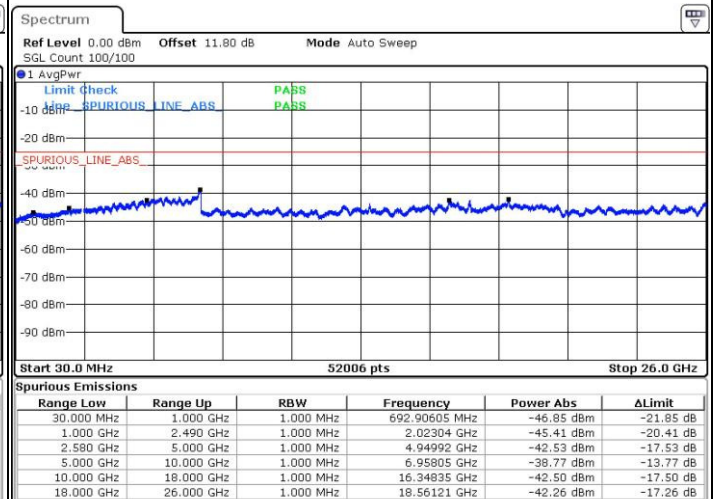
Date: 16.APR.2016 10:00:22

Highest Channel / QPSK



Date: 16.APR.2016 10:01:20

Highest Channel / 16QAM



Date: 16.APR.2016 10:02:18

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	0.0058	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0058	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. Note: 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	-	-	-	-	PASS
Middle CH	3.16	4.99	4.17	5.88	
Highest CH	-	-	-	-	



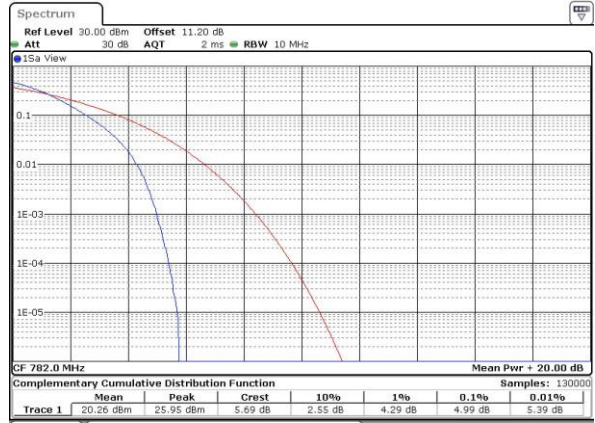
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 16.APR.2016 06:34:31

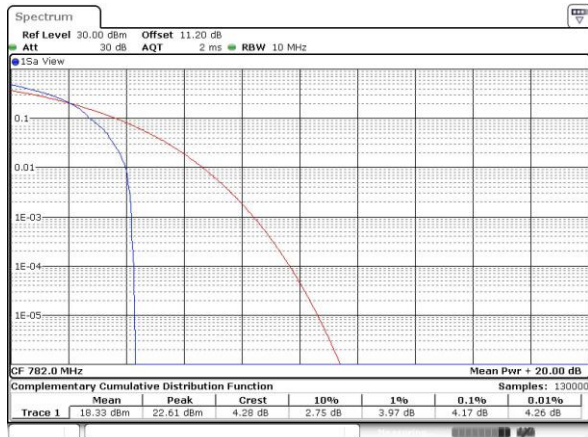
Middle Channel / Full RB



Date: 16.APR.2016 06:34:11

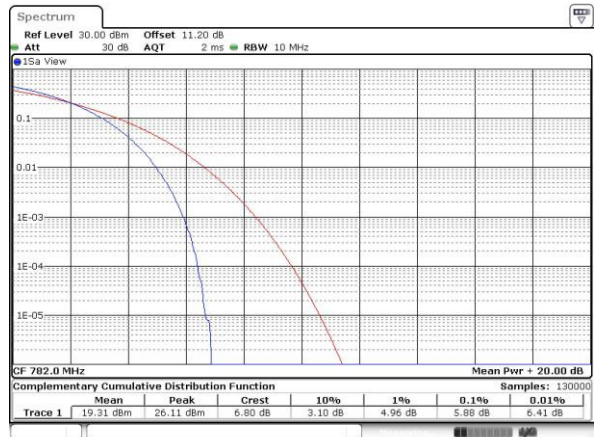
LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 16.APR.2016 06:34:47

Middle Channel / Full RB



Date: 16.APR.2016 06:31:13

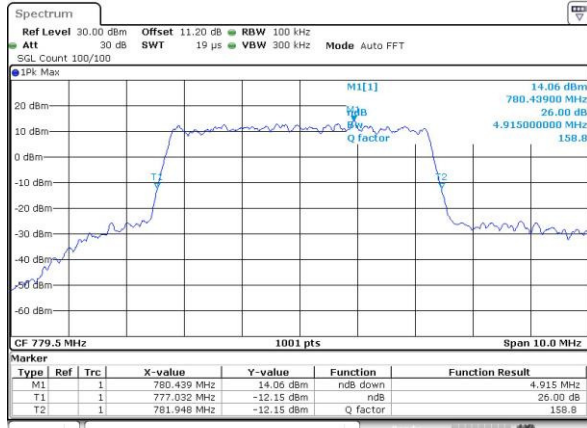
**26dB Bandwidth**

Mode	LTE Band 13 : 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	-	-	-	-	4.92	4.90	-	-	-	-	-	-
Middle CH	-	-	-	-	4.92	4.83	9.75	9.65	-	-	-	-
Highest CH	-	-	-	-	4.93	4.86	-	-	-	-	-	-



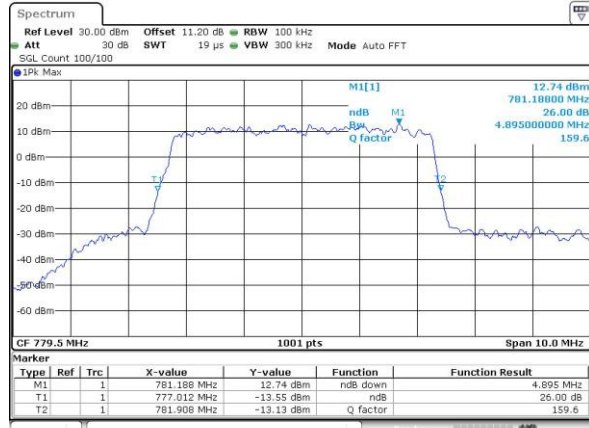
LTE Band 13

Lowest Channel / 5MHz / QPSK



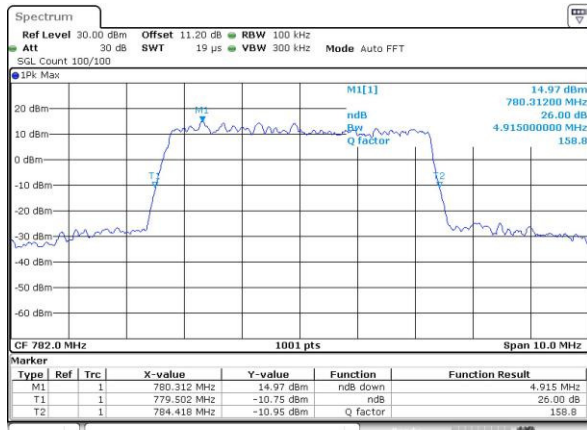
Date: 16.APR.2016 05:50:54

Lowest Channel / 5MHz / 16QAM



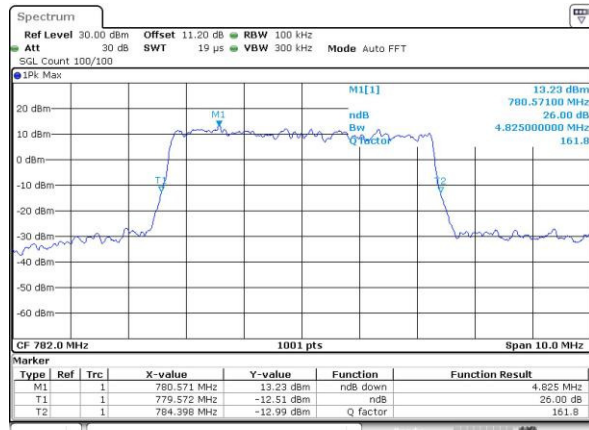
Date: 16.APR.2016 05:51:05

Middle Channel / 5MHz / QPSK



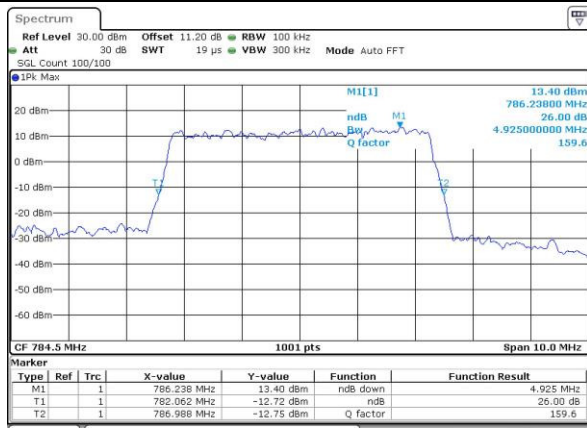
Date: 16.APR.2016 05:51:41

Middle Channel / 5MHz / 16QAM



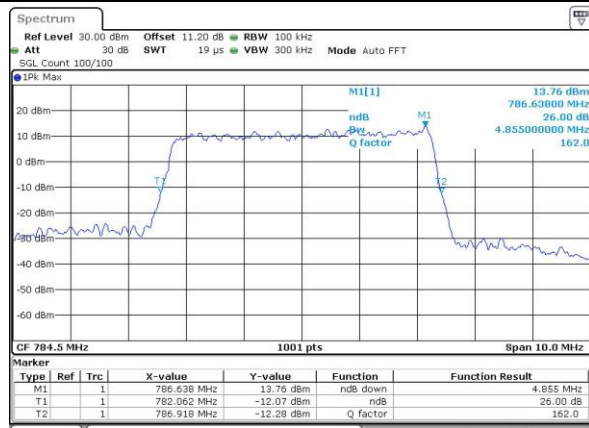
Date: 16.APR.2016 05:51:52

Highest Channel / 5MHz / QPSK



Date: 16.APR.2016 05:52:27

Highest Channel / 5MHz / 16QAM

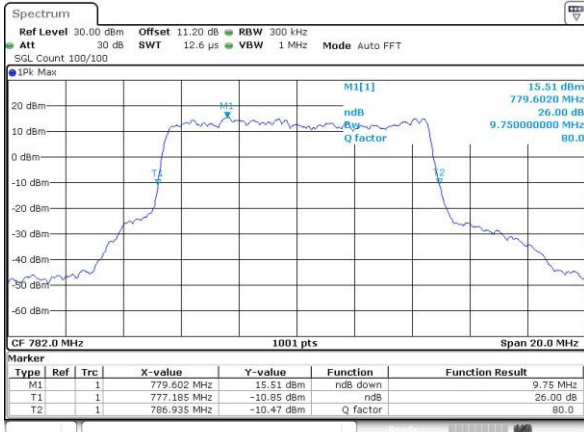


Date: 16.APR.2016 05:52:39



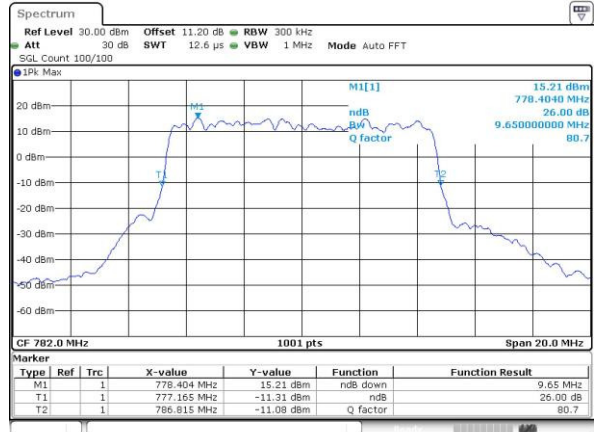
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 16, APR, 2016 05:53:14

Middle Channel / 10MHz / 16QAM



Date: 16, APR, 2016 05:53:25

**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	-	-	-	-	4.46	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.5	8.99	9.01	-	-	-	-
Highest CH	-	-	-	-	4.49	4.5	-	-	-	-	-	-