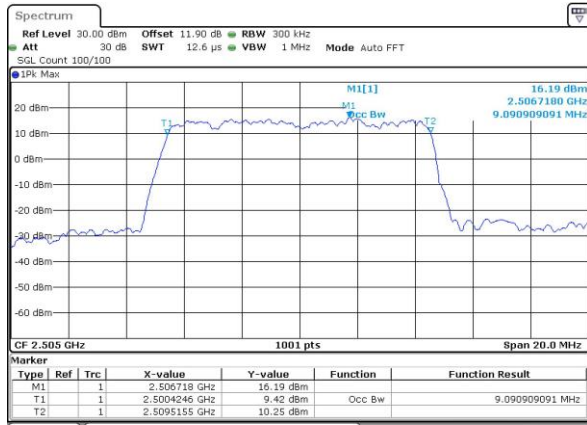




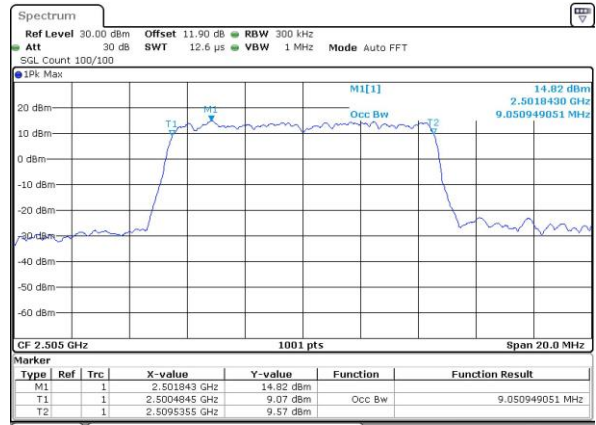
LTE Band 7

Lowest Channel / 10MHz / QPSK



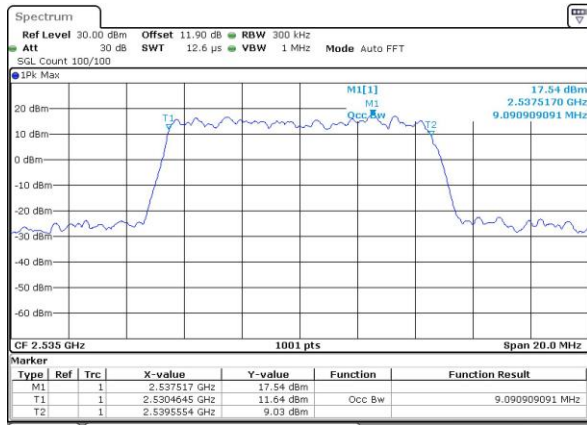
Date: 3,NOV,2016 14:39:58

Lowest Channel / 10MHz / 16QAM



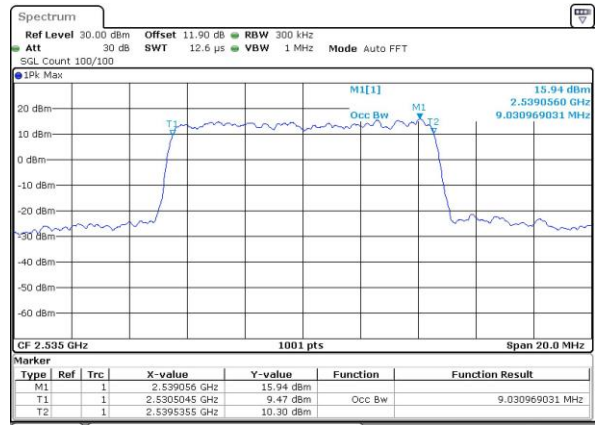
Date: 3,NOV,2016 14:40:09

Middle Channel / 10MHz / QPSK



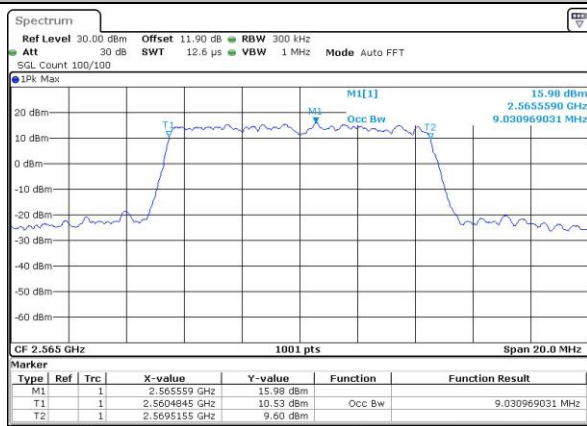
Date: 3,NOV,2016 14:47:21

Middle Channel / 10MHz / 16QAM



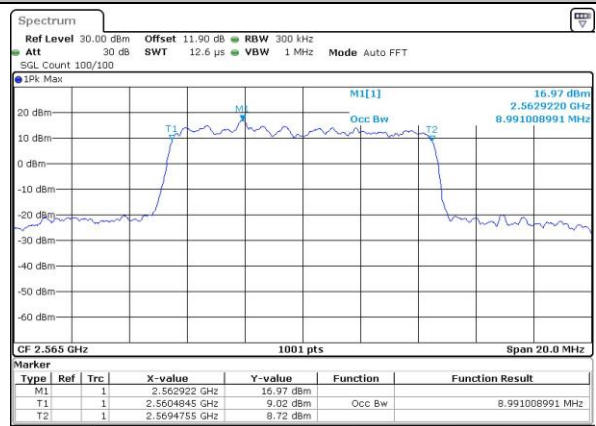
Date: 3,NOV,2016 14:47:32

Highest Channel / 10MHz / QPSK



Date: 3,NOV,2016 14:50:03

Highest Channel / 10MHz / 16QAM

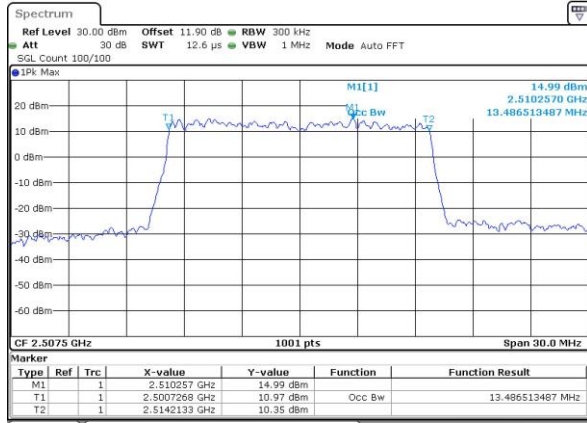


Date: 3,NOV,2016 14:50:15

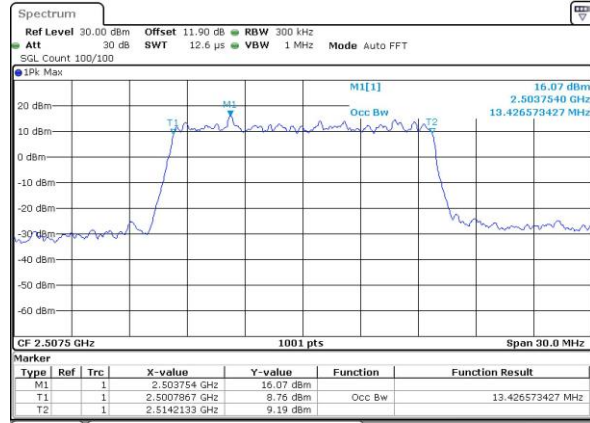


LTE Band 7

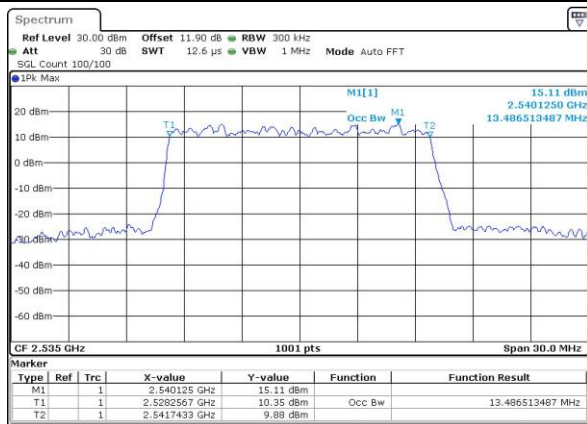
Lowest Channel / 15MHz / QPSK



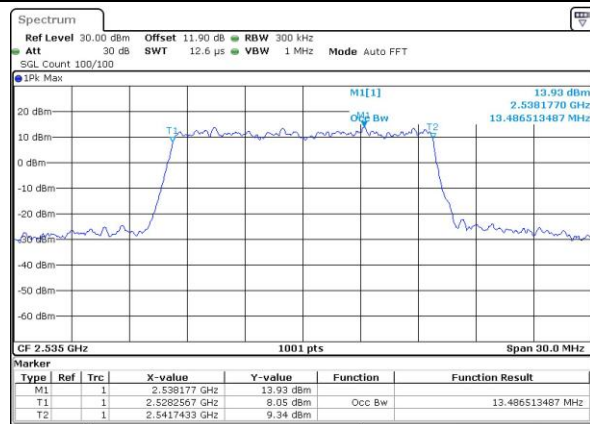
Lowest Channel / 15MHz / 16QAM



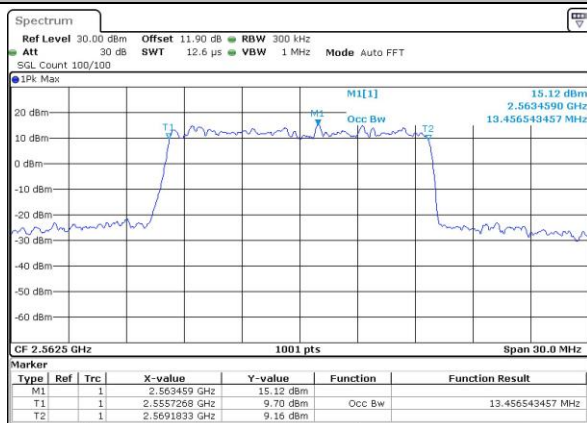
Middle Channel / 15MHz / QPSK



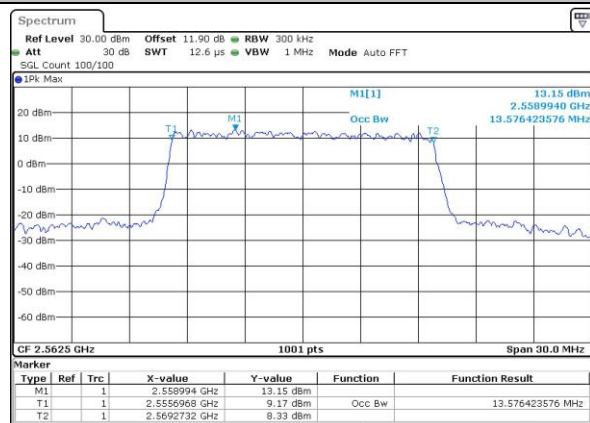
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



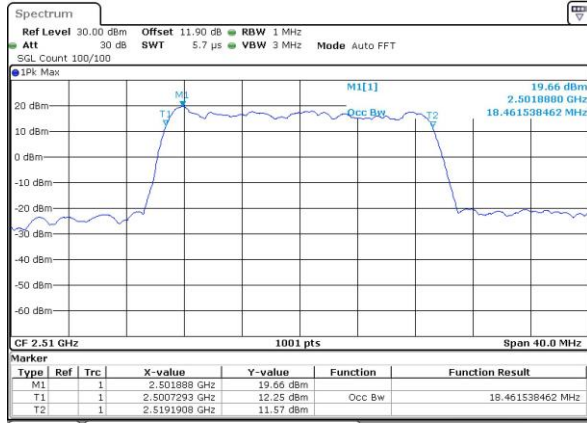
Highest Channel / 15MHz / 16QAM





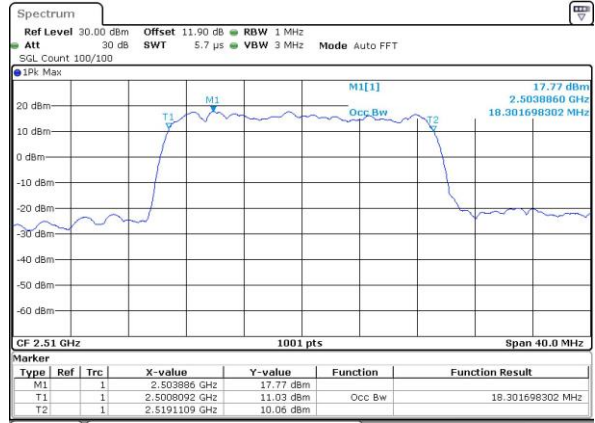
LTE Band 7

Lowest Channel / 20MHz / QPSK



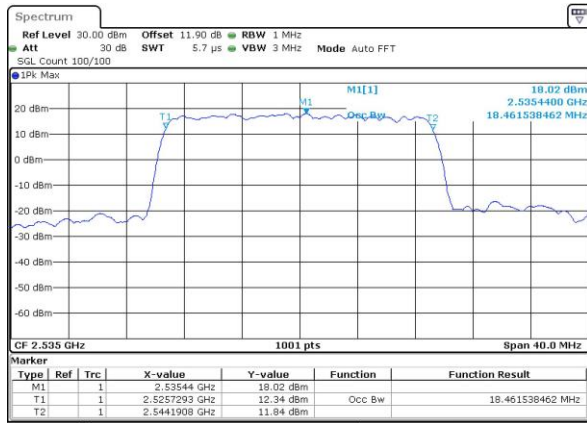
Date: 3,NOV,2016 15:14:56

Lowest Channel / 20MHz / 16QAM



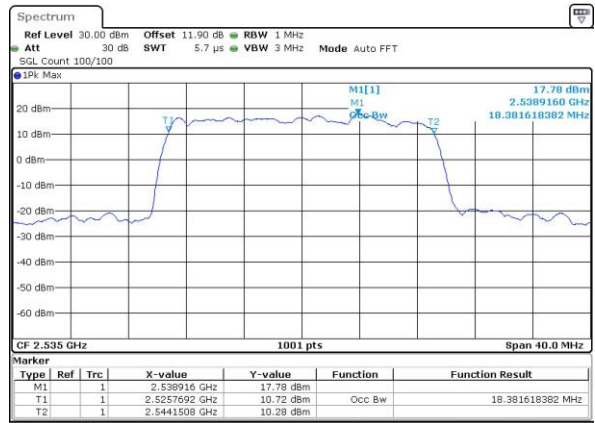
Date: 3,NOV,2016 15:15:08

Middle Channel / 20MHz / QPSK



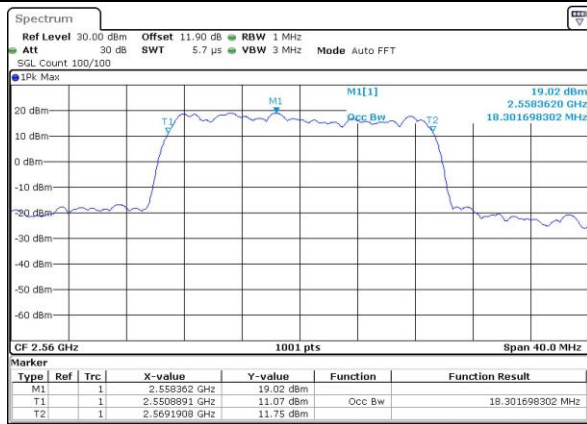
Date: 3,NOV,2016 15:22:18

Middle Channel / 20MHz / 16QAM



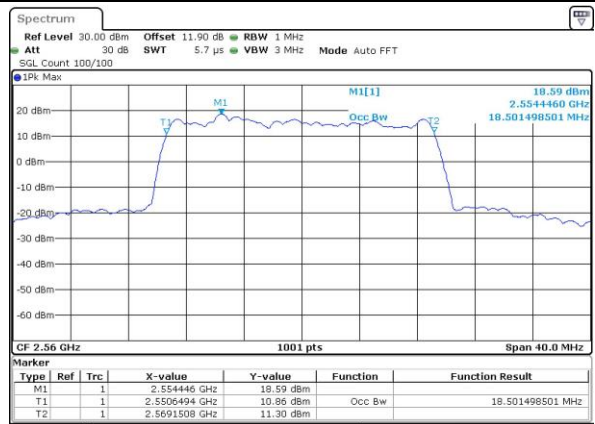
Date: 3,NOV,2016 15:22:30

Highest Channel / 20MHz / QPSK



Date: 3,NOV,2016 15:25:01

Highest Channel / 20MHz / 16QAM



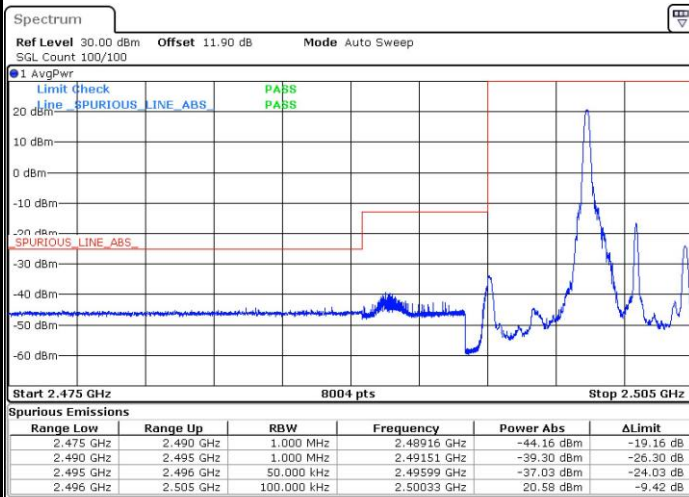
Date: 3,NOV,2016 15:25:13



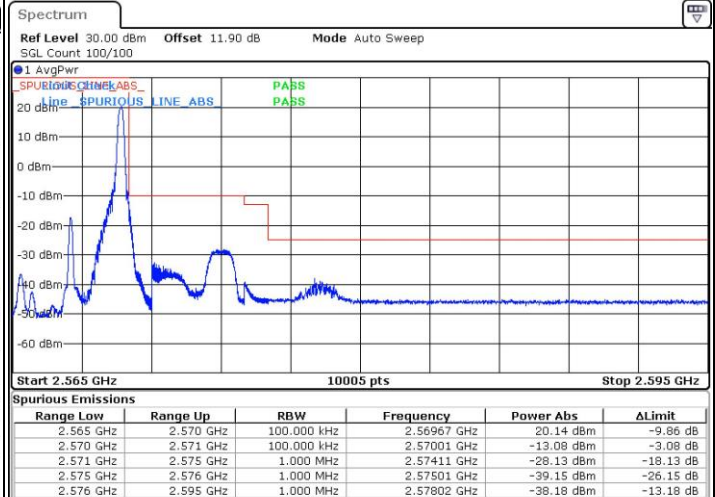
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



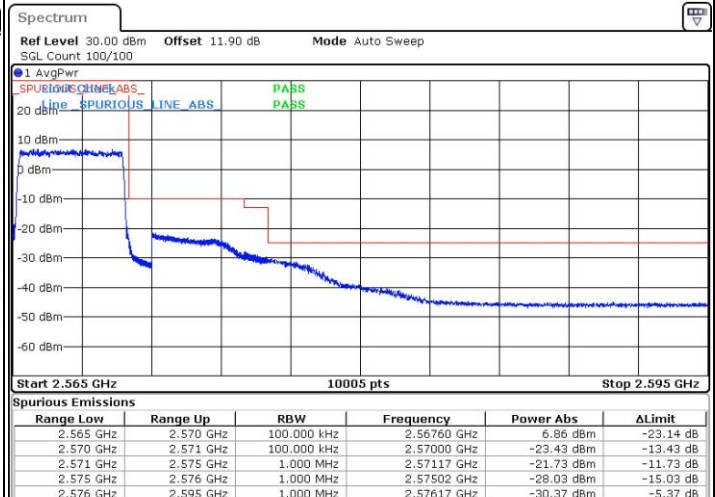
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



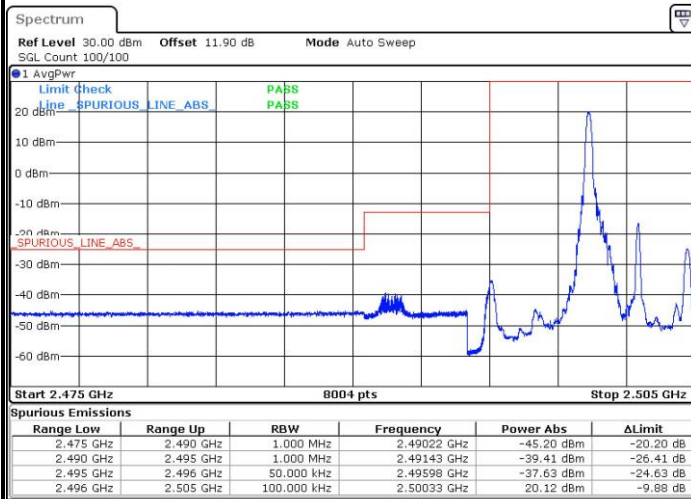
Highest Band Edge / Full RB



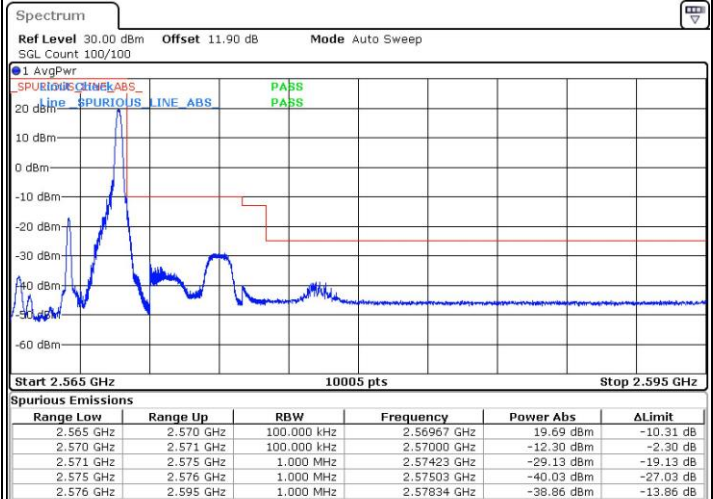


LTE Band 7 / 5MHz / 16QAM

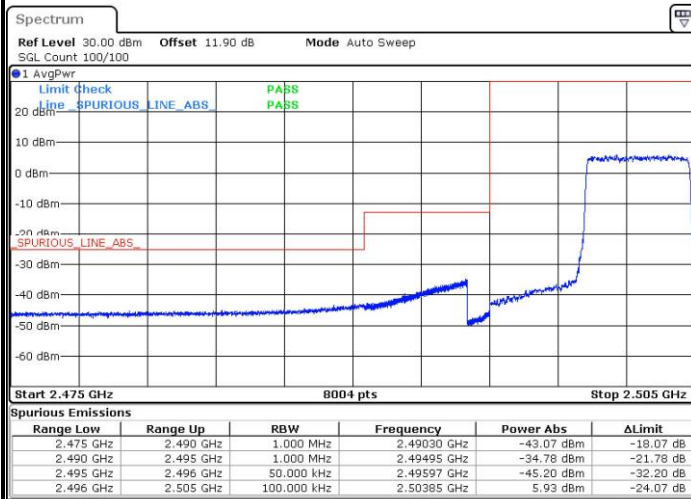
Lowest Band Edge / 1 RB



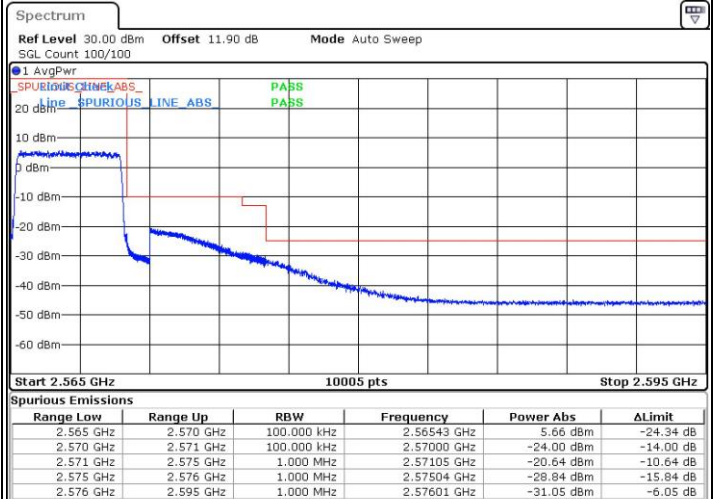
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



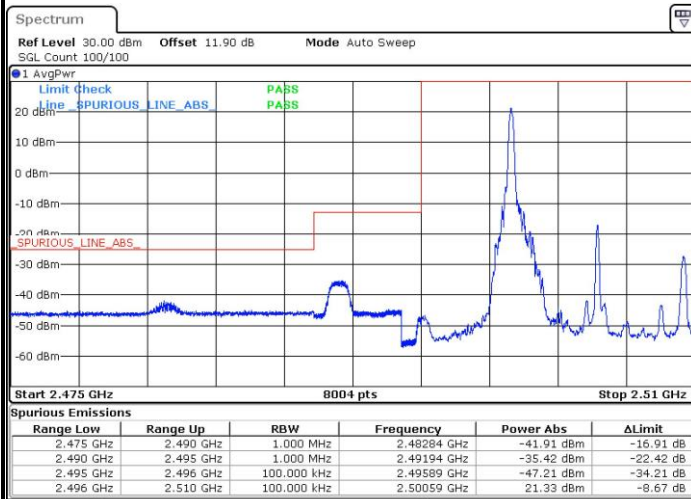
Highest Band Edge / Full RB



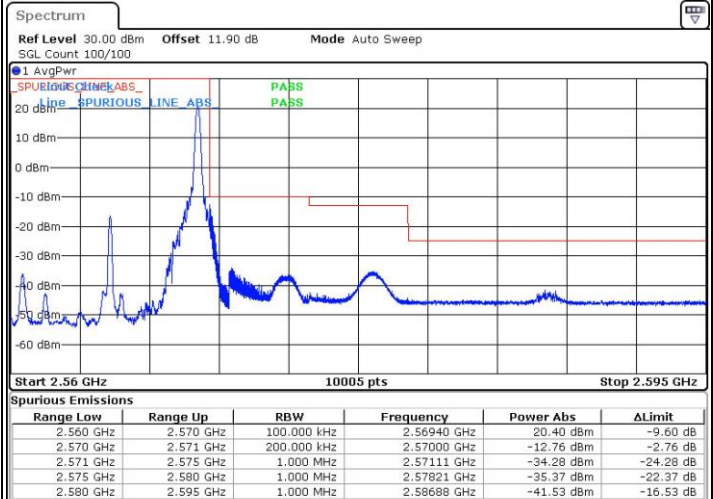


LTE Band 7 / 10MHz / QPSK

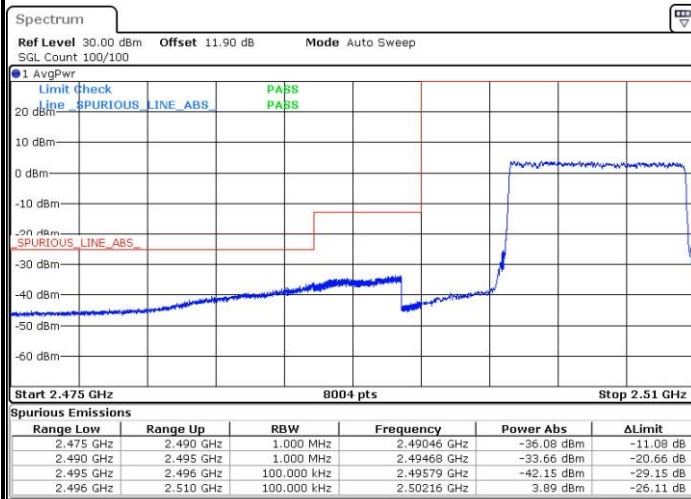
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



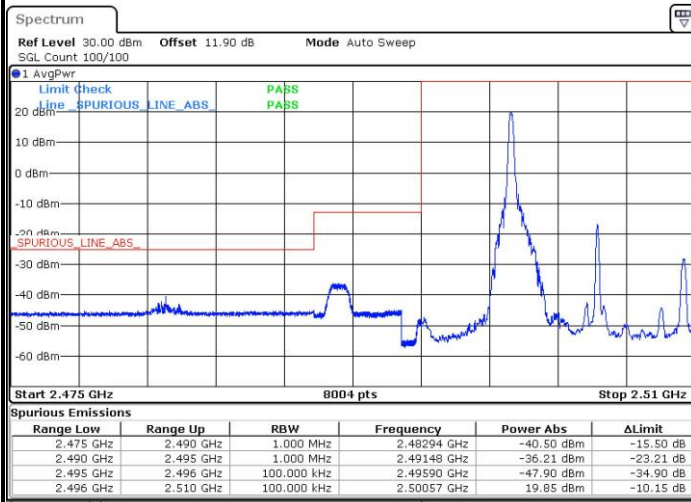
Highest Band Edge / Full RB



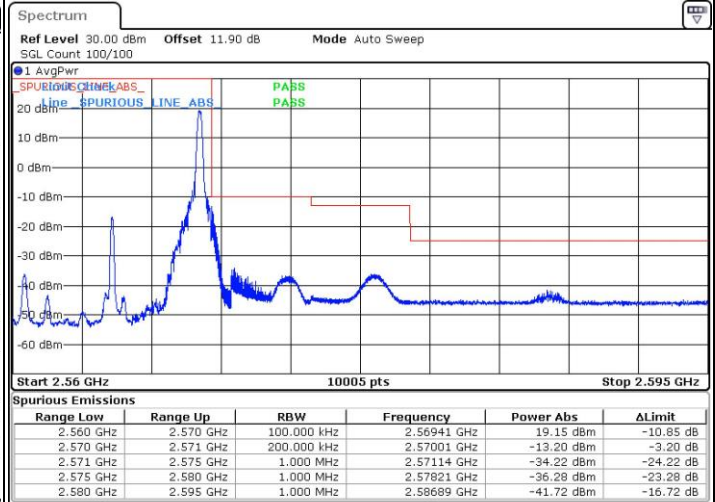


LTE Band 7 / 10MHz / 16QAM

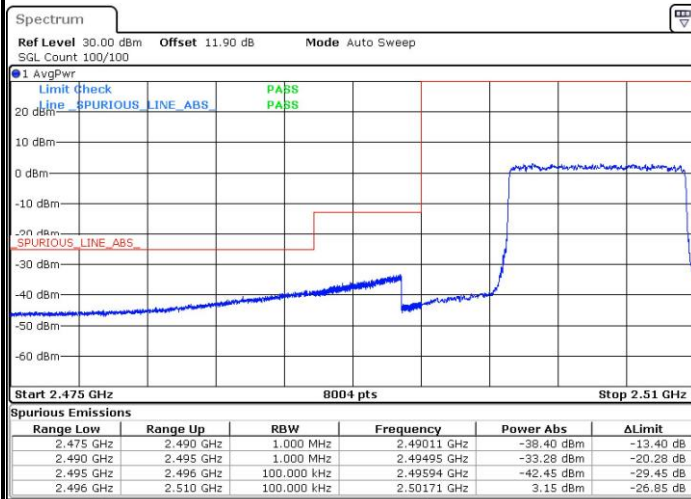
Lowest Band Edge / 1 RB



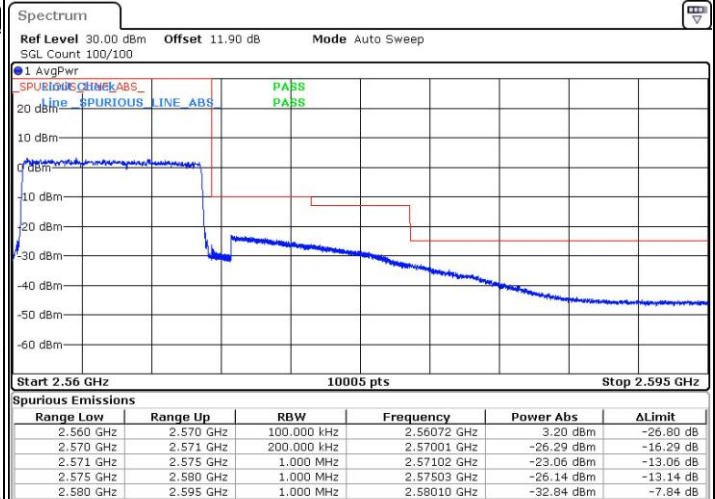
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



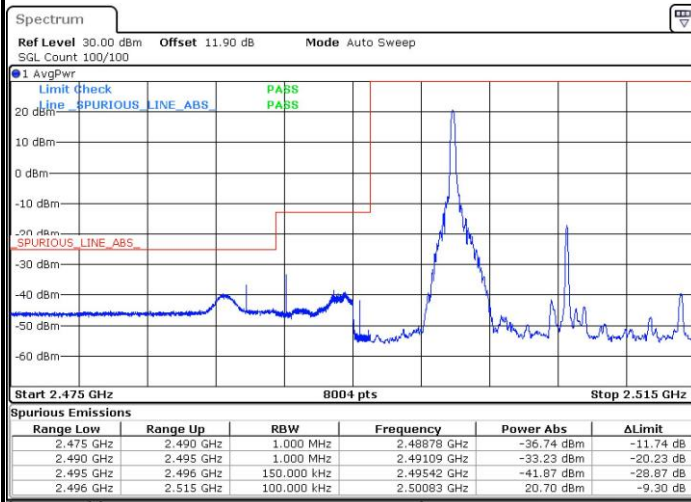
Highest Band Edge / Full RB



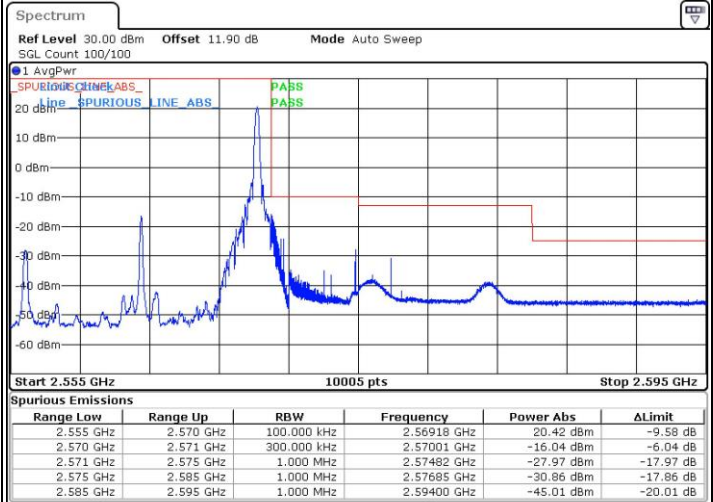


LTE Band 7 / 15MHz / QPSK

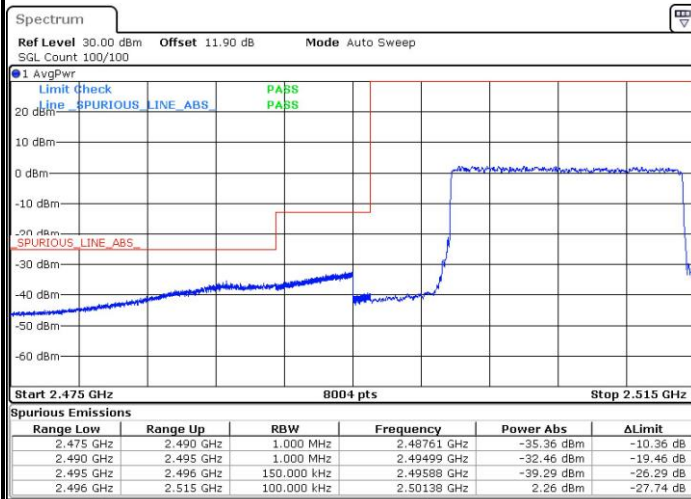
Lowest Band Edge / 1 RB



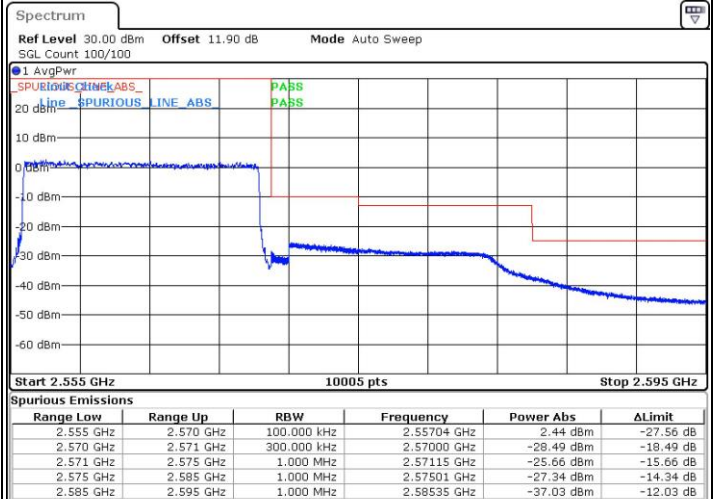
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



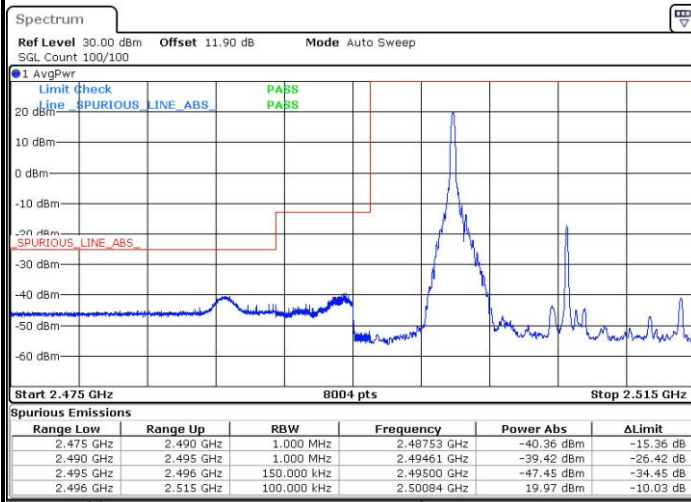
Highest Band Edge / Full RB



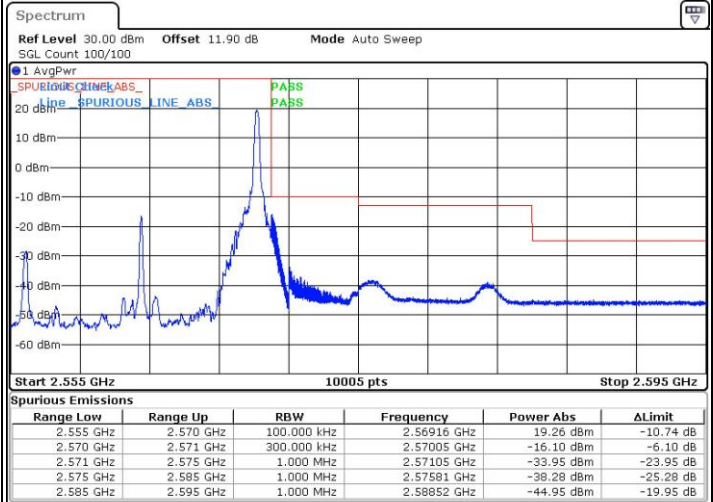


LTE Band 7 / 15MHz / 16QAM

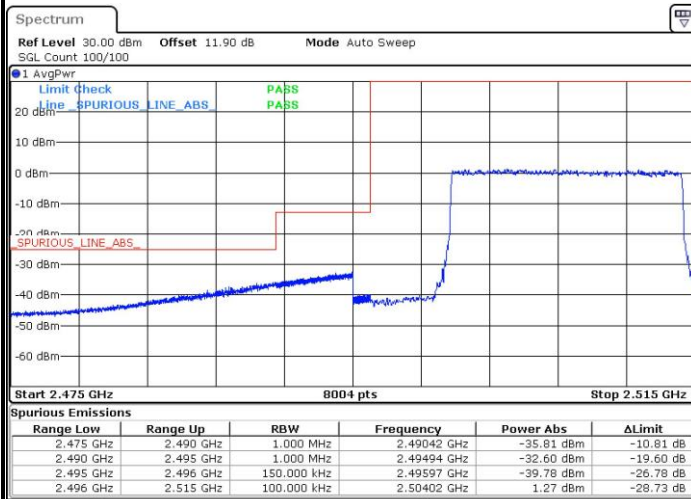
Lowest Band Edge / 1 RB



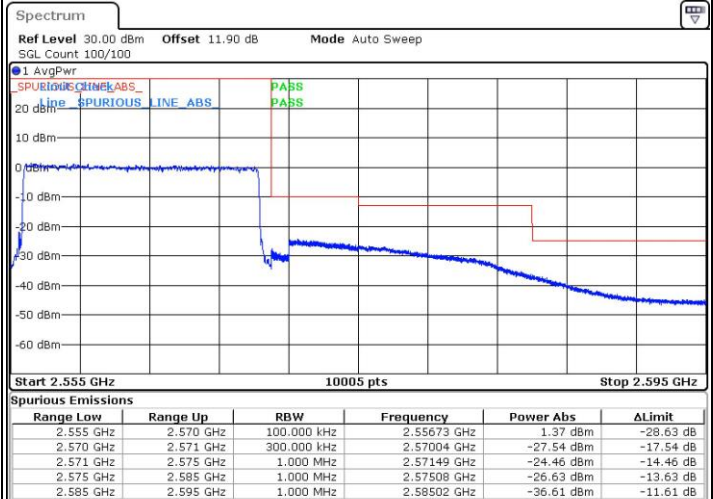
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



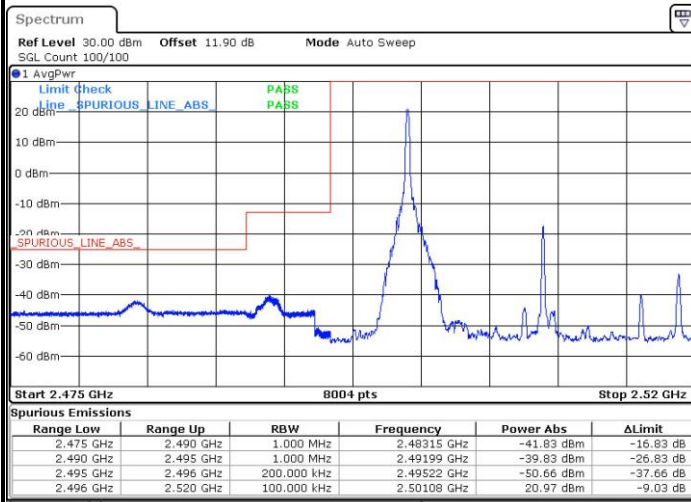
Highest Band Edge / Full RB



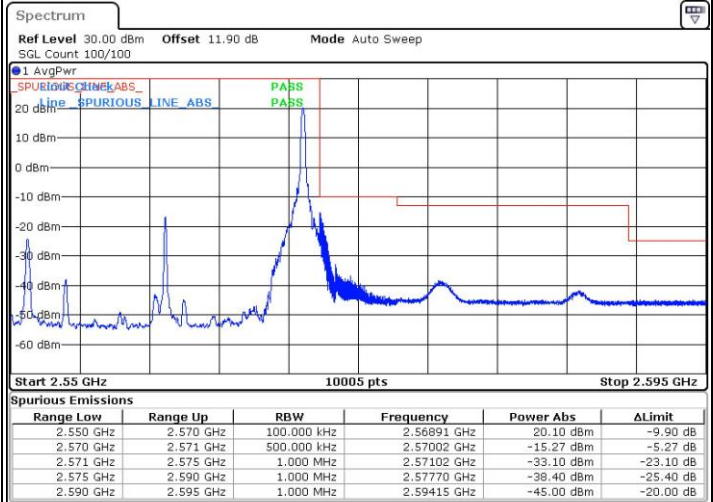


LTE Band 7 / 20MHz / QPSK

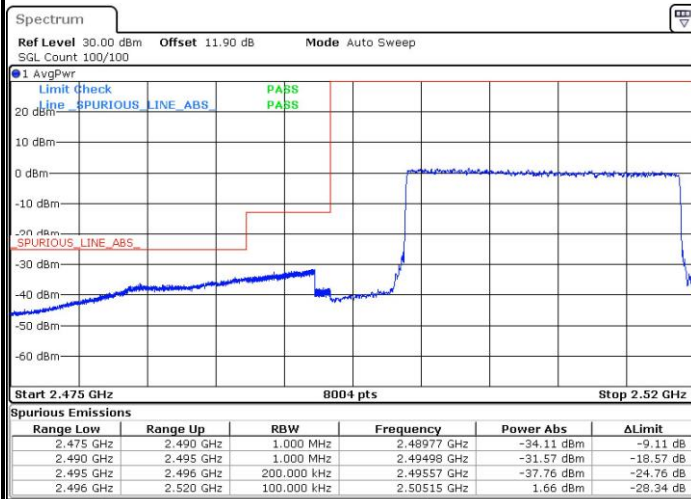
Lowest Band Edge / 1 RB



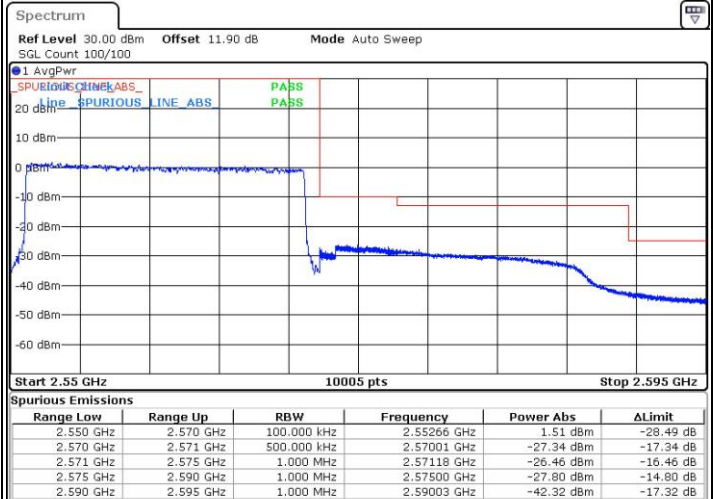
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



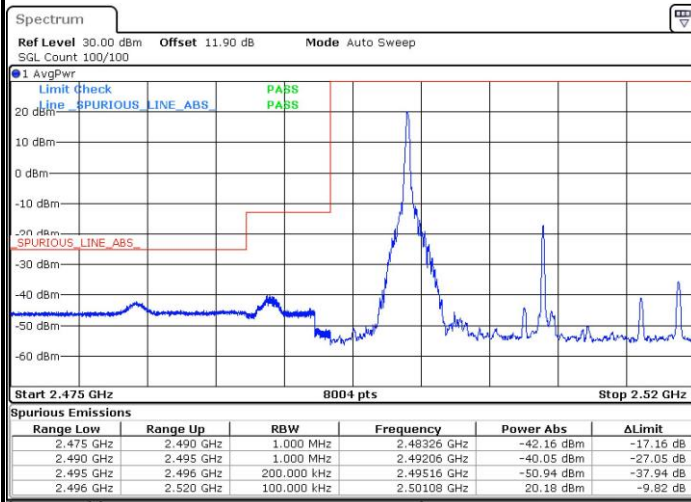
Highest Band Edge / Full RB



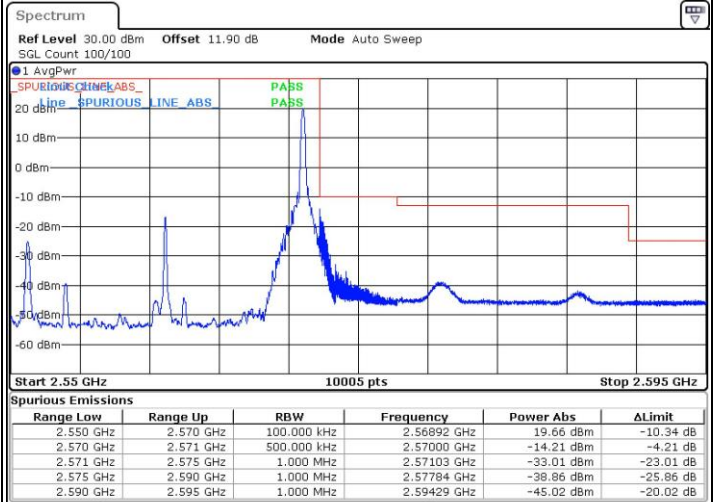


LTE Band 7 / 20MHz / 16QAM

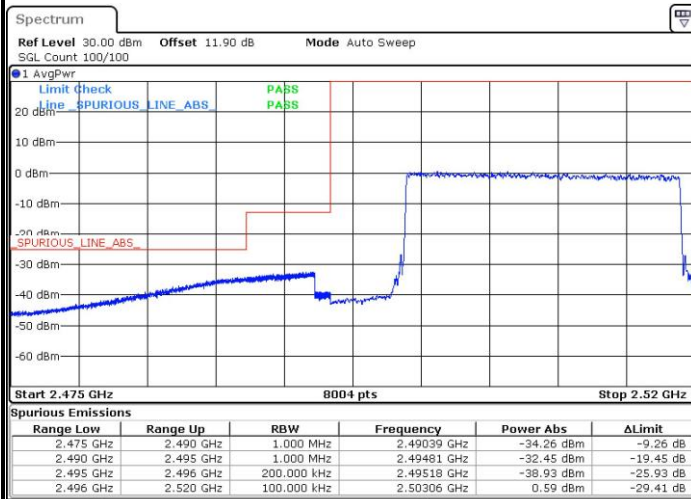
Lowest Band Edge / 1 RB



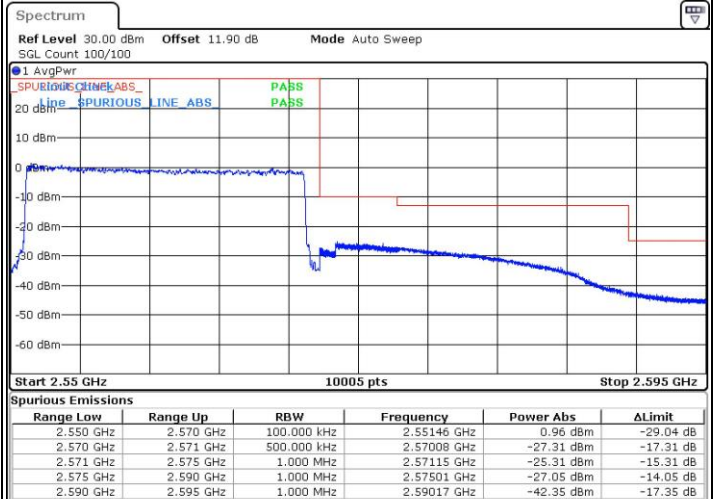
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

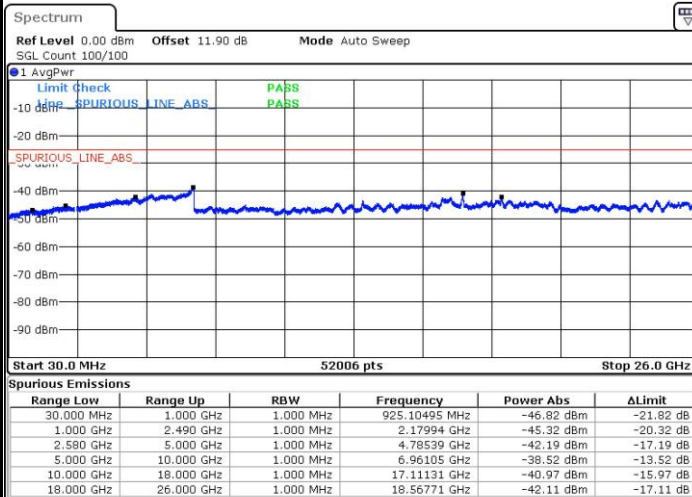




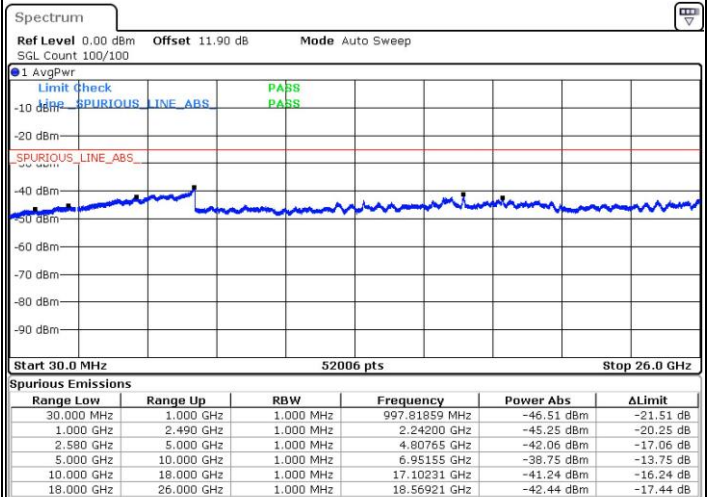
Conducted Spurious Emission

LTE Band 7 / 5MHz

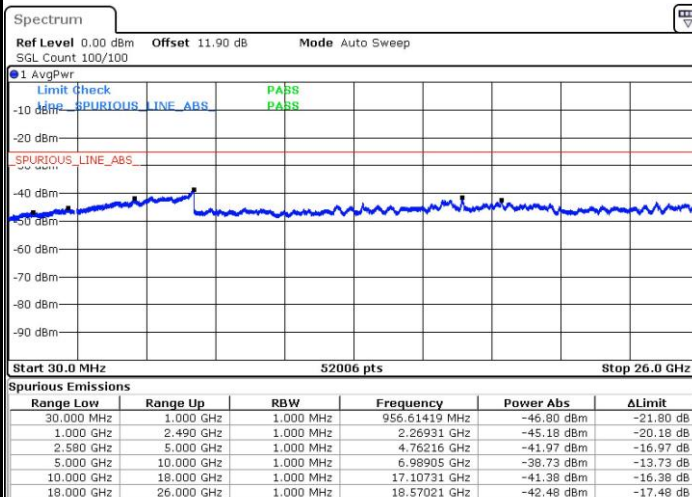
Lowest Channel / QPSK



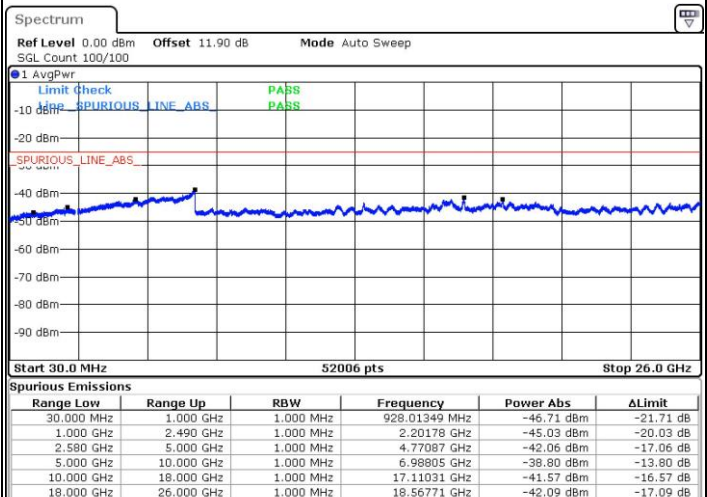
Lowest Channel / 16QAM



Middle Channel / QPSK



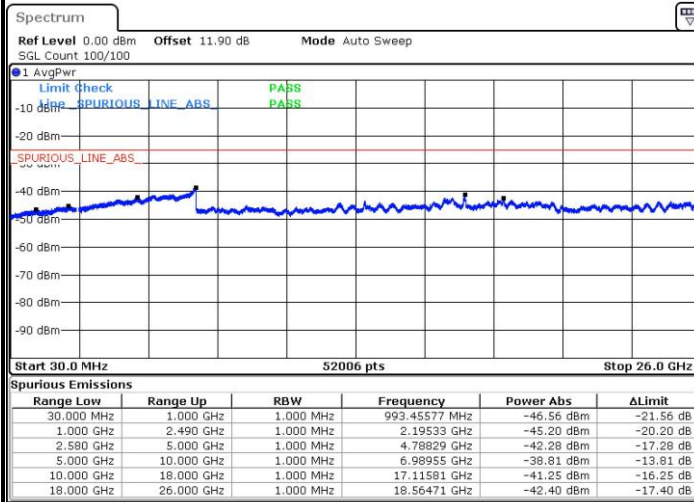
Middle Channel / 16QAM





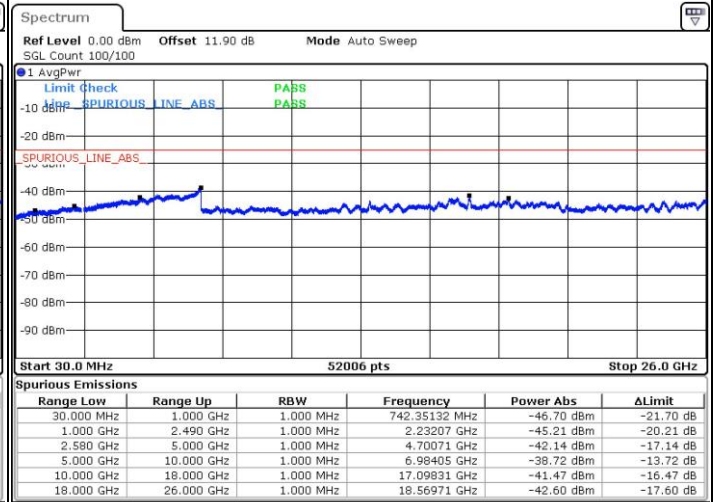
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 3.NOV.2016 14:38:47

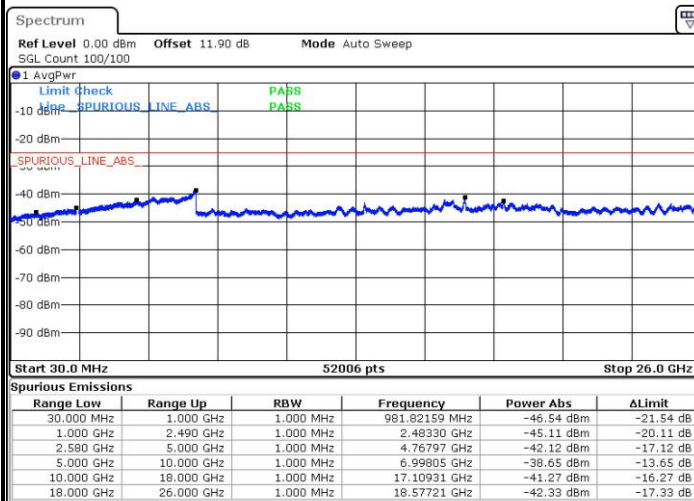
Highest Channel / 16QAM



Date: 3.NOV.2016 14:39:45

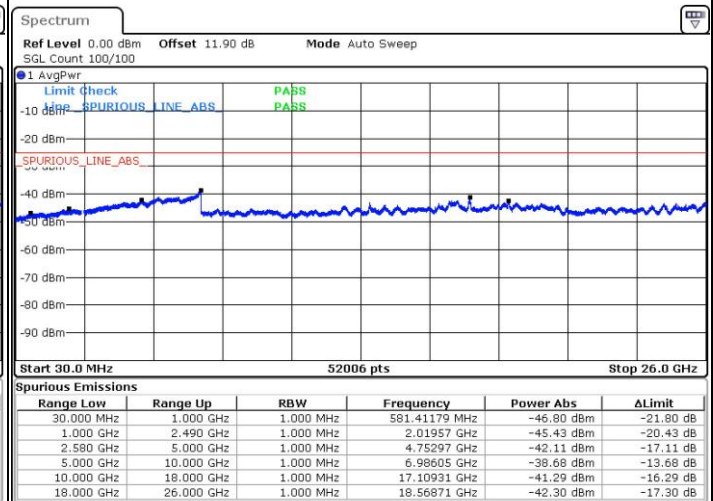
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 3.NOV.2016 14:46:10

Lowest Channel / 16QAM

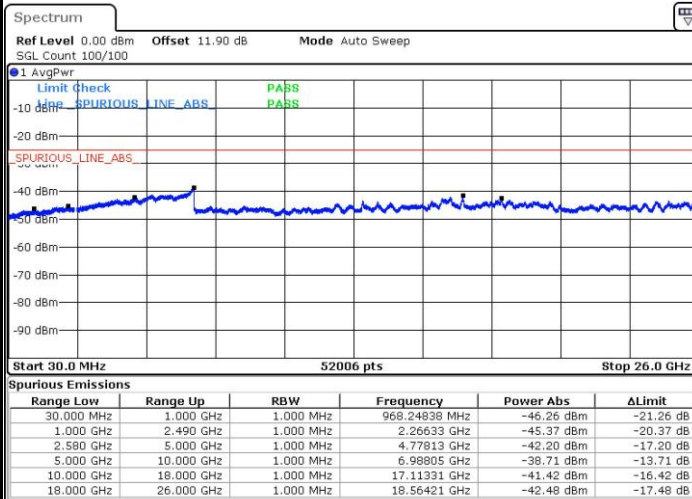


Date: 3.NOV.2016 14:47:08



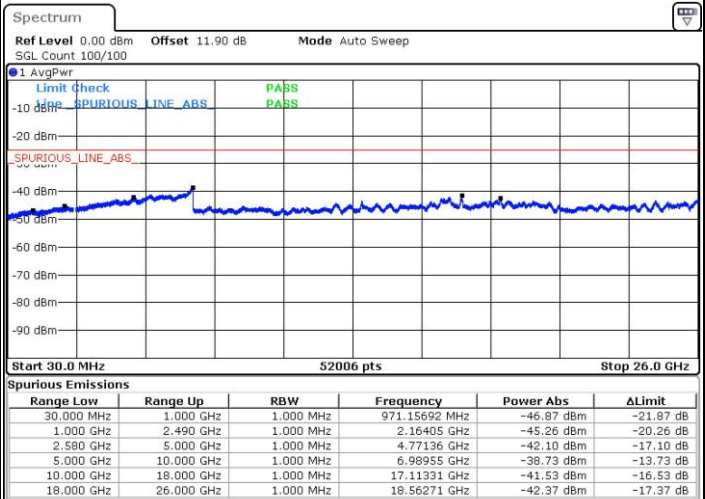
LTE Band 7 / 10MHz

Middle Channel / QPSK



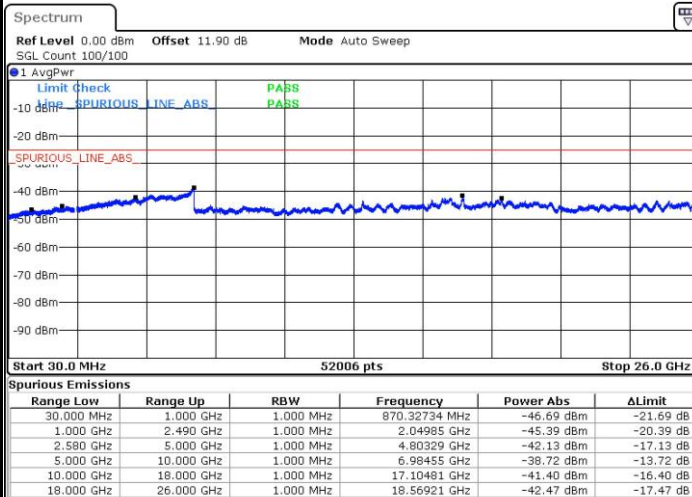
Date: 3.NOV.2016 14:48:52

Middle Channel / 16QAM



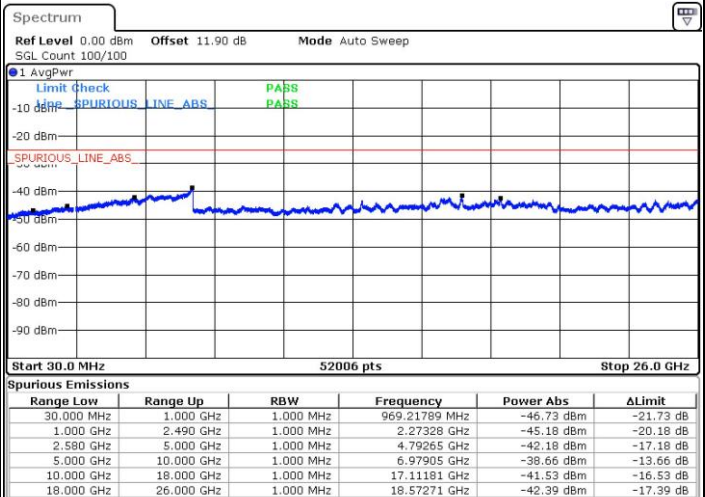
Date: 3.NOV.2016 14:49:50

Highest Channel / QPSK



Date: 3.NOV.2016 14:56:16

Highest Channel / 16QAM

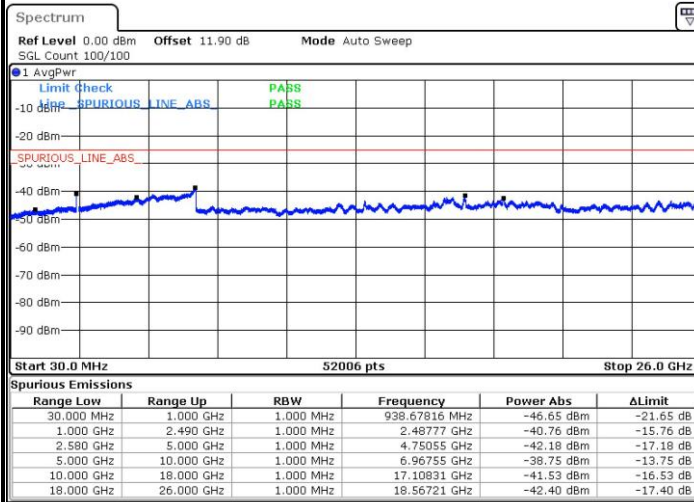


Date: 3.NOV.2016 14:57:14



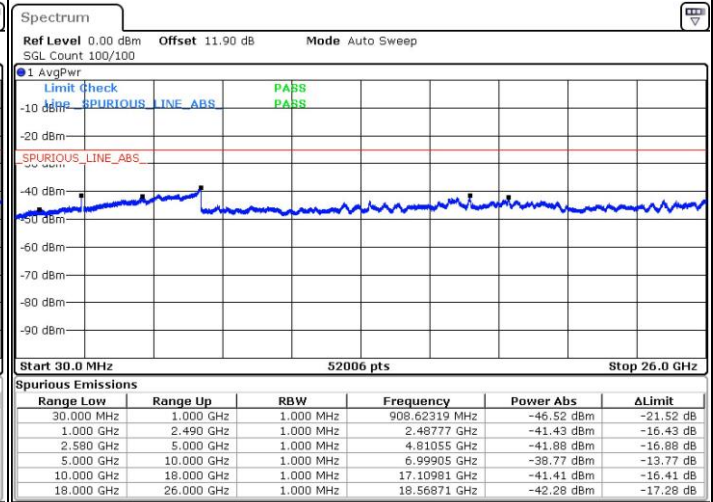
LTE Band 7 / 15MHz

Lowest Channel / QPSK



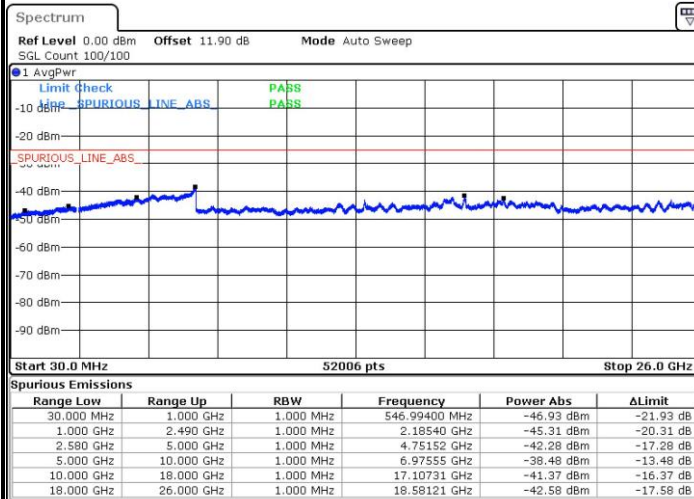
Date: 3.NOV.2016 15:03:39

Lowest Channel / 16QAM



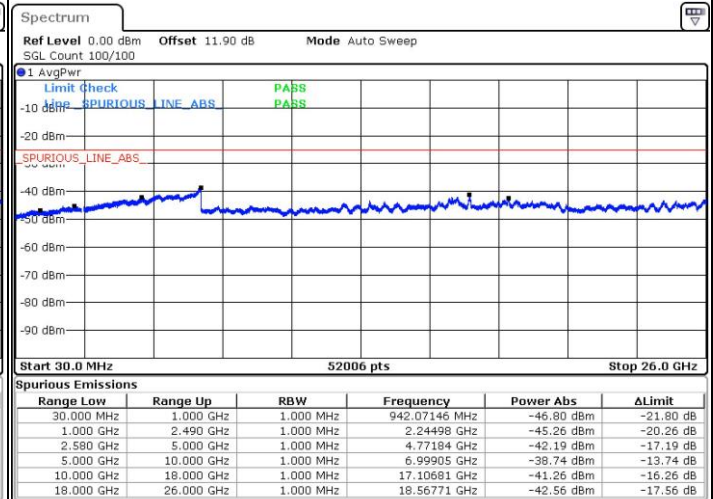
Date: 3.NOV.2016 15:04:37

Middle Channel / QPSK



Date: 3.NOV.2016 15:06:21

Middle Channel / 16QAM

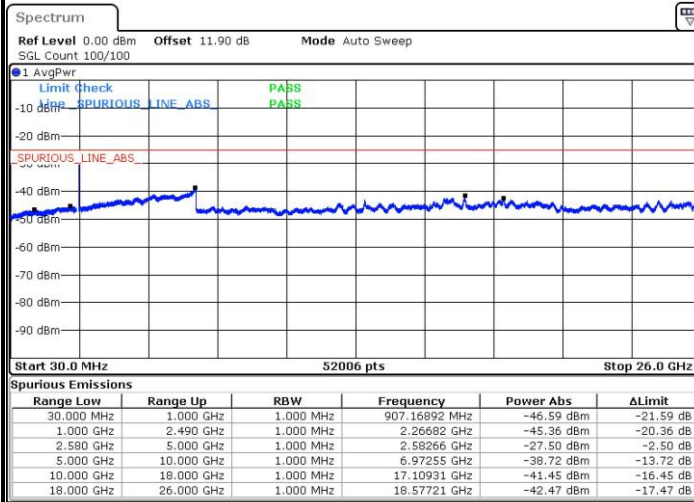


Date: 3.NOV.2016 15:07:19



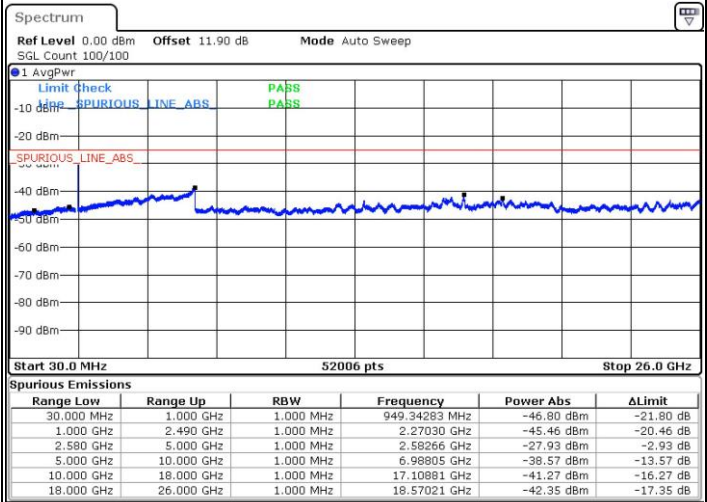
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 3.NOV.2016 15:13:45

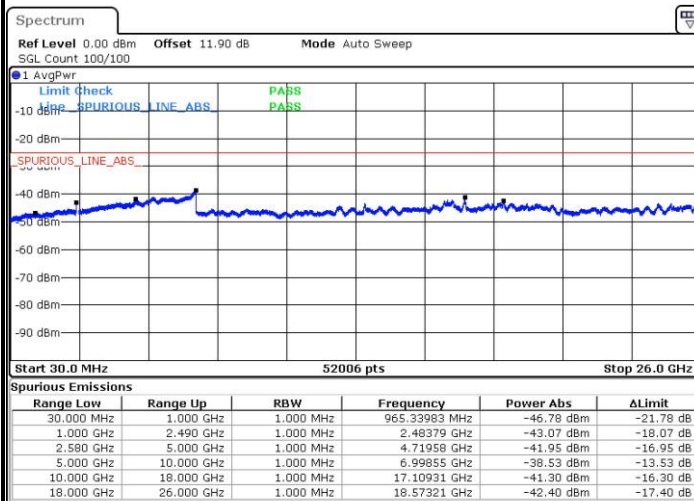
Highest Channel / 16QAM



Date: 3.NOV.2016 15:14:43

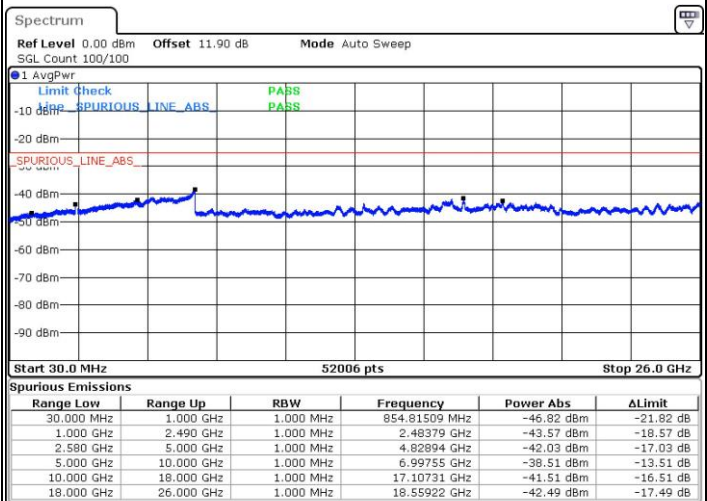
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 3.NOV.2016 15:21:07

Lowest Channel / 16QAM

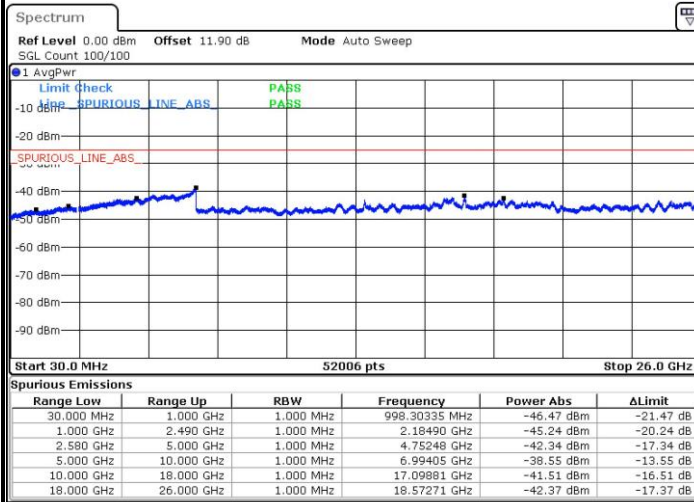


Date: 3.NOV.2016 15:22:05



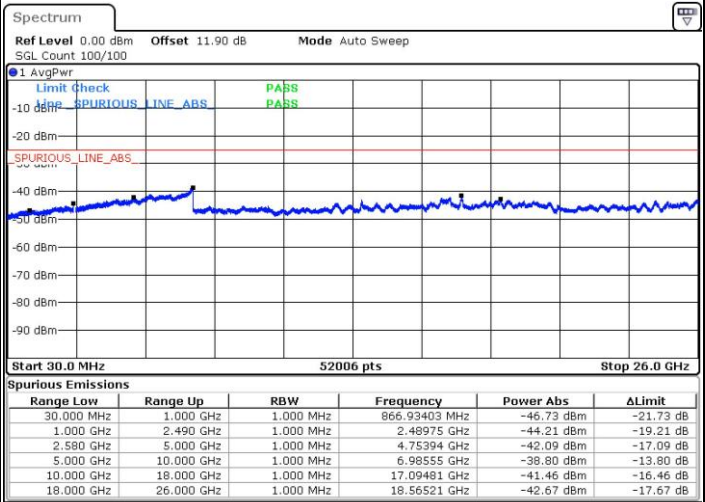
LTE Band 7 / 20MHz

Middle Channel / QPSK



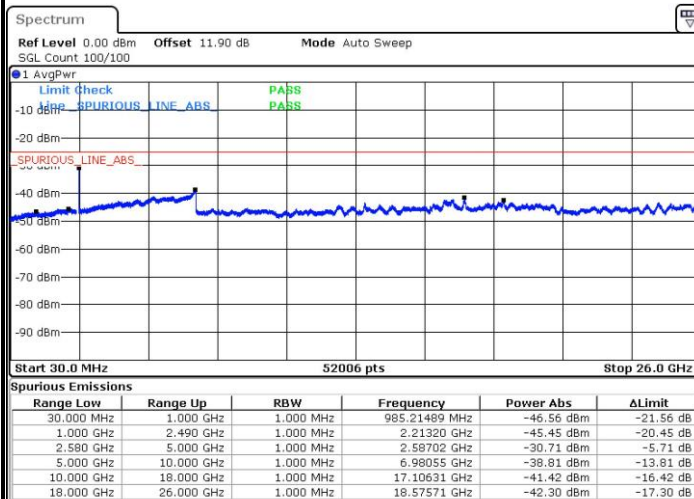
Date: 3.NOV.2016 15:23:50

Middle Channel / 16QAM



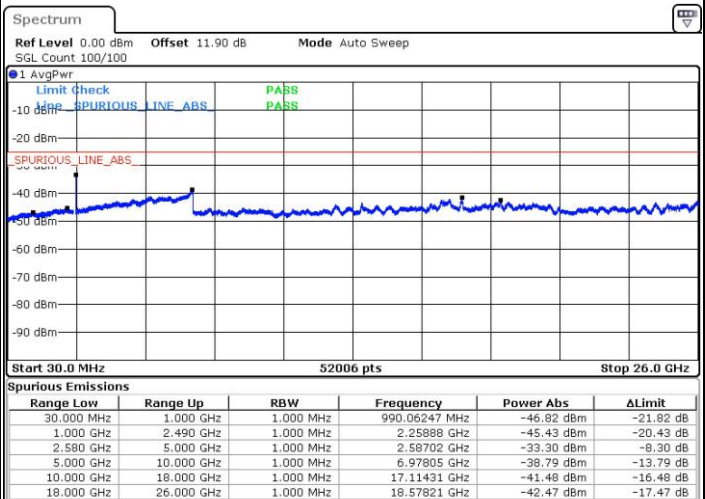
Date: 3.NOV.2016 15:24:48

Highest Channel / QPSK



Date: 3.NOV.2016 15:31:13

Highest Channel / 16QAM



Date: 3.NOV.2016 15:32:11

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	0.0121	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0122	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0123	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 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.



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.64	4.2	5.39	PASS
Middle CH	3.86	4.7	4.32	5.57	
Highest CH	3.83	4.75	4.81	5.54	