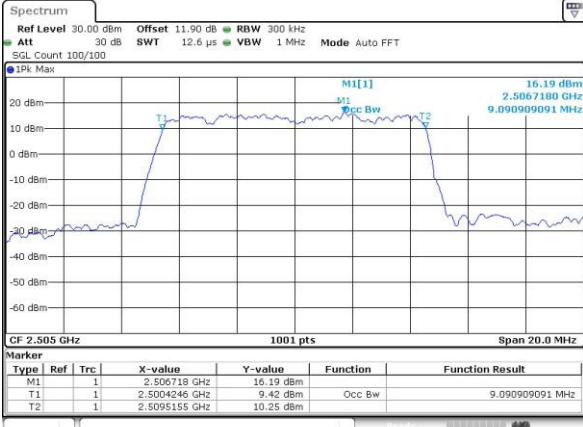




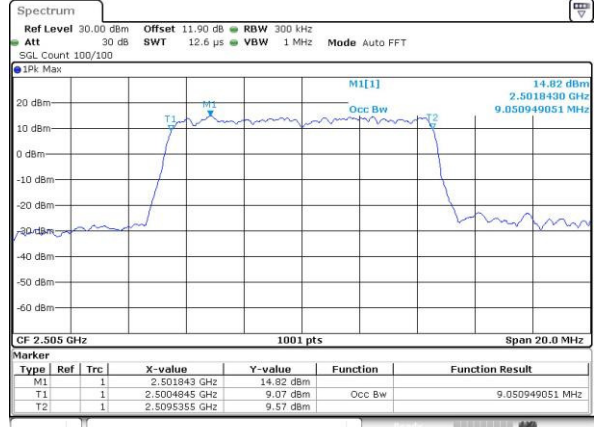
LTE Band 7

Lowest Channel / 10MHz / QPSK



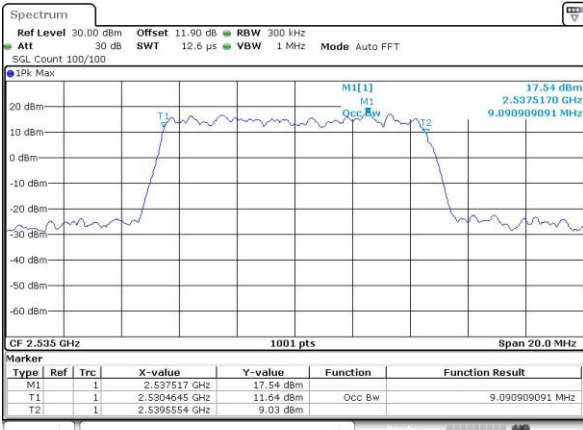
Date: 3,NOV,2016 14:39:58

Lowest Channel / 10MHz / 16QAM



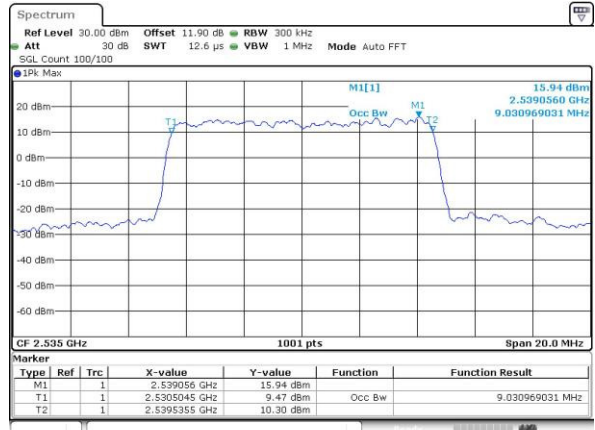
Date: 3,NOV,2016 14:40:09

Middle Channel / 10MHz / QPSK



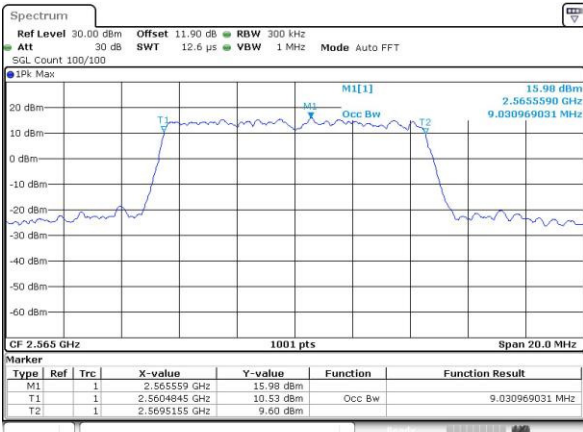
Date: 3,NOV,2016 14:47:21

Middle Channel / 10MHz / 16QAM



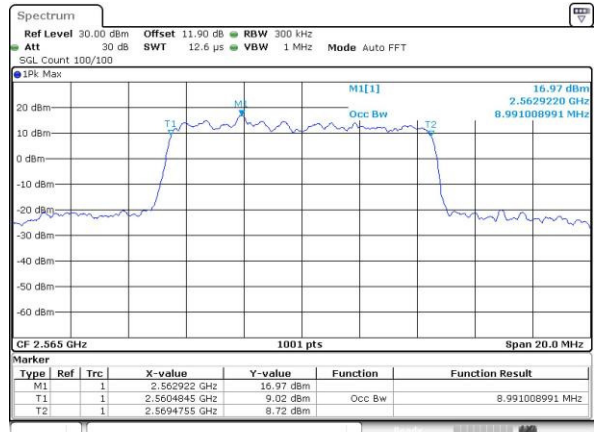
Date: 3,NOV,2016 14:47:32

Highest Channel / 10MHz / QPSK



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

Highest Channel / 10MHz / 16QAM

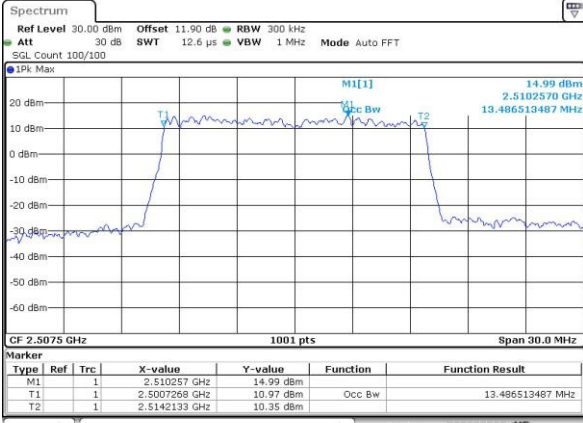


Date: 3,NOV,2016 14:50:15



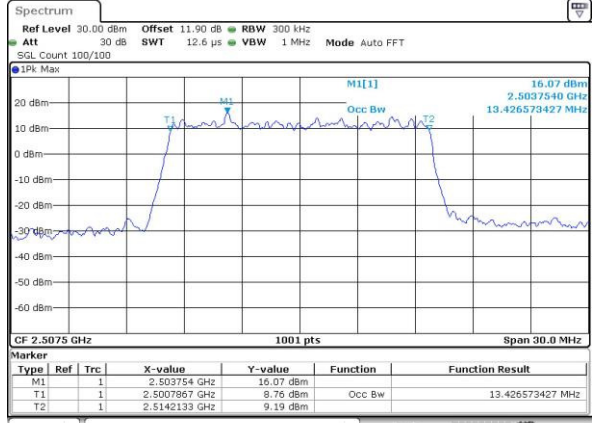
LTE Band 7

Lowest Channel / 15MHz / QPSK



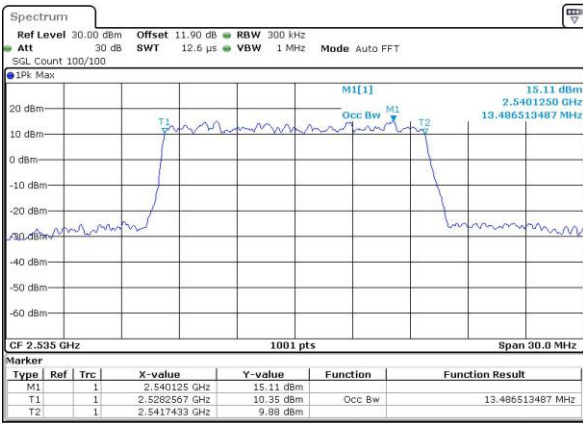
Date: 3.NOV.2016 14:57:27

Lowest Channel / 15MHz / 16QAM



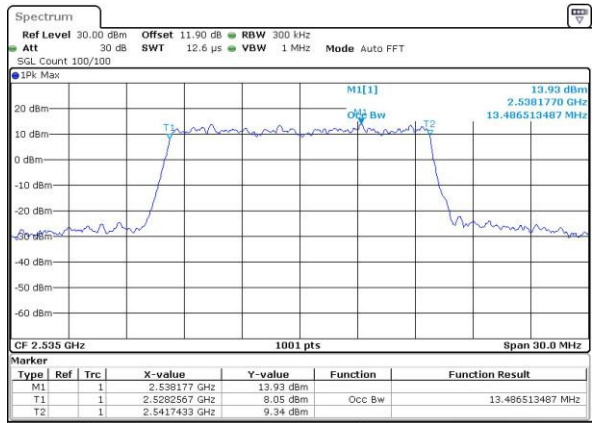
Date: 3.NOV.2016 14:57:39

Middle Channel / 15MHz / QPSK



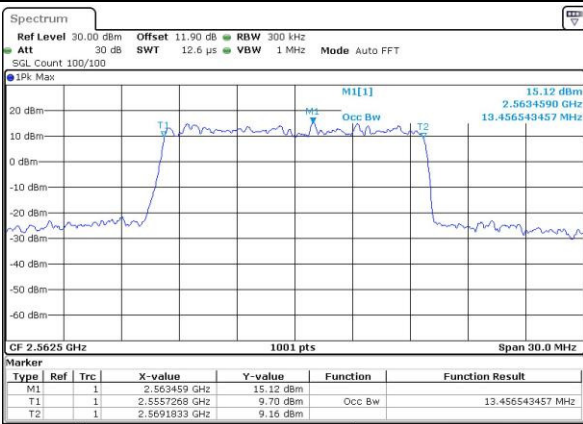
Date: 3.NOV.2016 15:04:50

Middle Channel / 15MHz / 16QAM



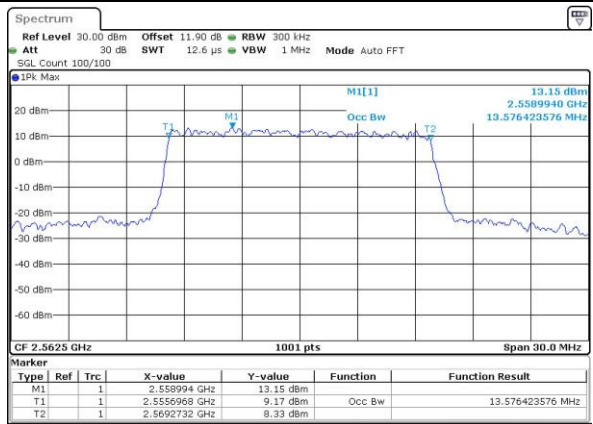
Date: 3.NOV.2016 15:05:01

Highest Channel / 15MHz / QPSK



Date: 3.NOV.2016 15:07:33

Highest Channel / 15MHz / 16QAM

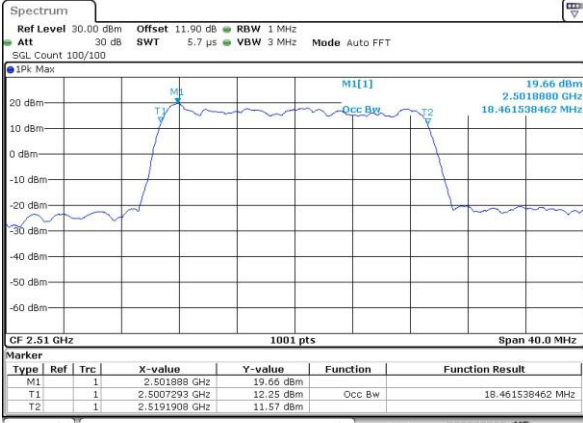


Date: 3.NOV.2016 15:07:44



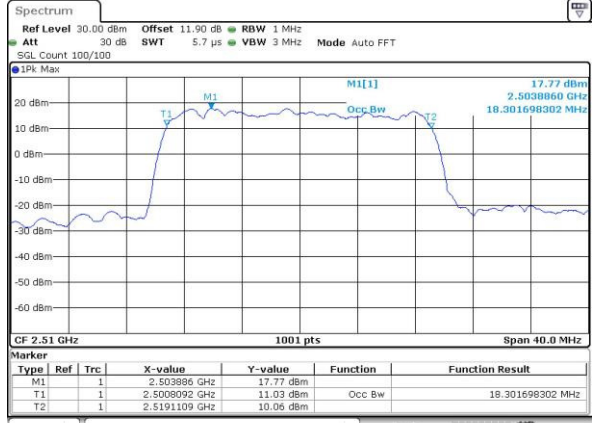
LTE Band 7

Lowest Channel / 20MHz / QPSK



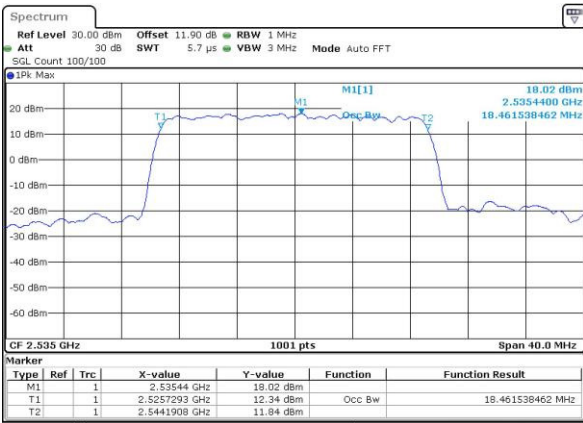
Date: 3,NOV,2016 15:14:56

Lowest Channel / 20MHz / 16QAM



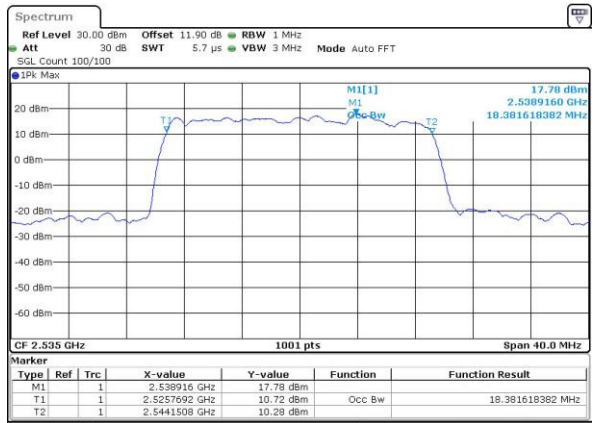
Date: 3,NOV,2016 15:15:08

Middle Channel / 20MHz / QPSK



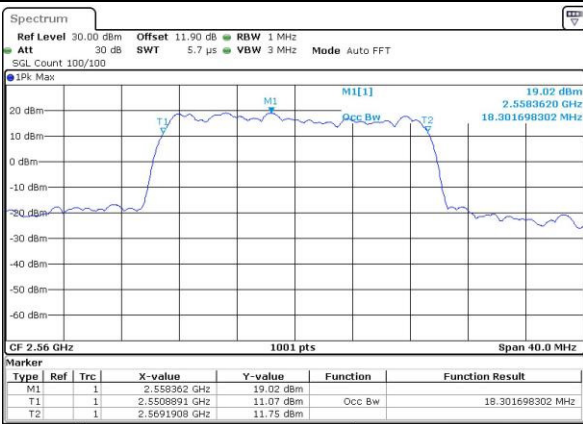
Date: 3,NOV,2016 15:22:18

Middle Channel / 20MHz / 16QAM



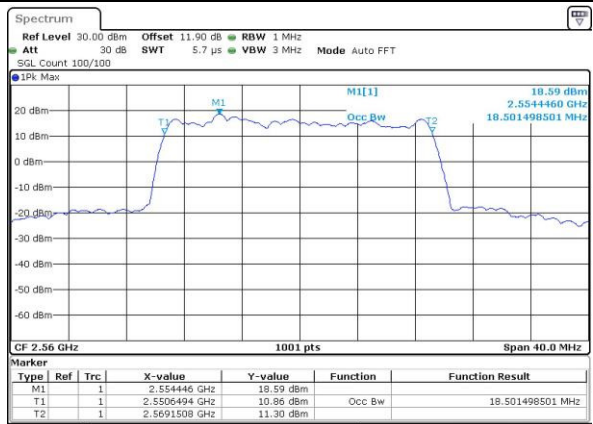
Date: 3,NOV,2016 15:22:30

Highest Channel / 20MHz / QPSK



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

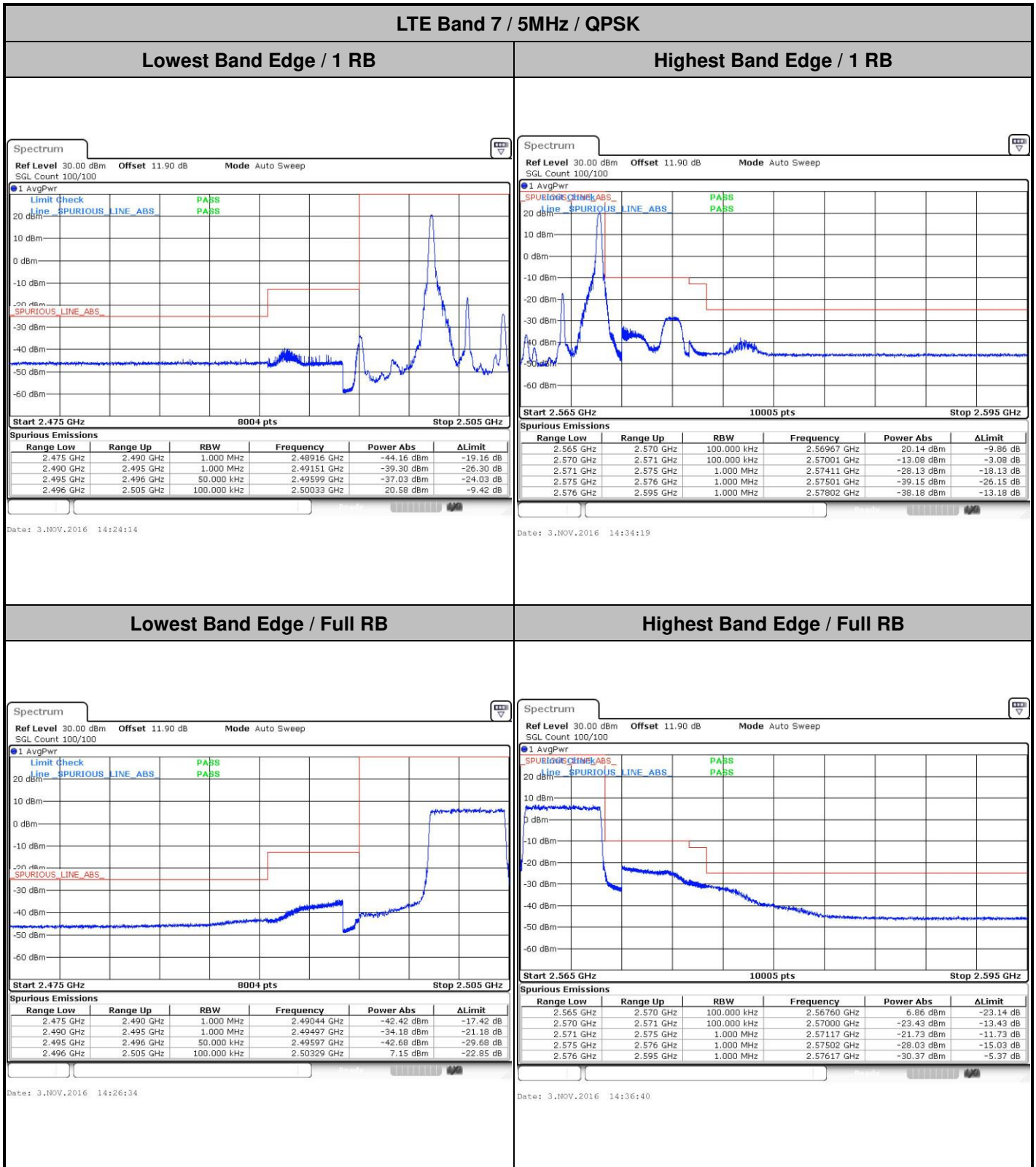
Highest Channel / 20MHz / 16QAM



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



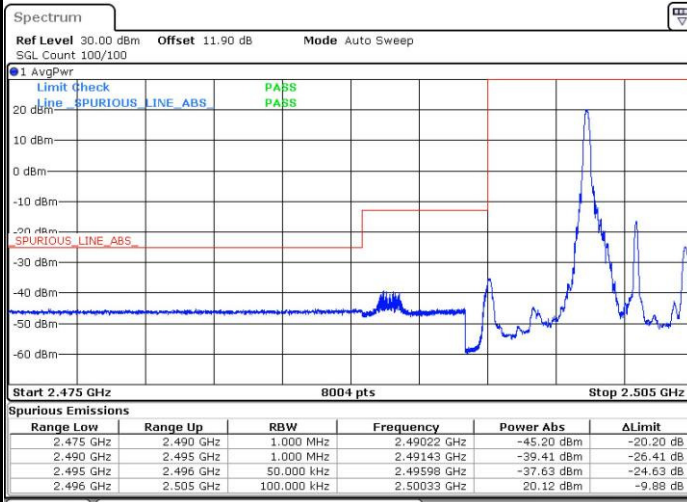
# Conducted Band Edge





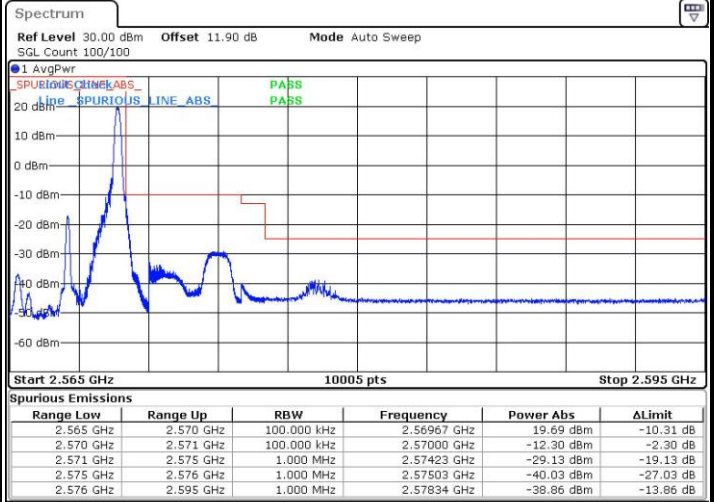
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 3.NOV.2016 14:25:24

Highest Band Edge / 1 RB



Date: 3.NOV.2016 14:35:29

Lowest Band Edge / Full RB



Date: 3.NOV.2016 14:27:44

Highest Band Edge / Full RB

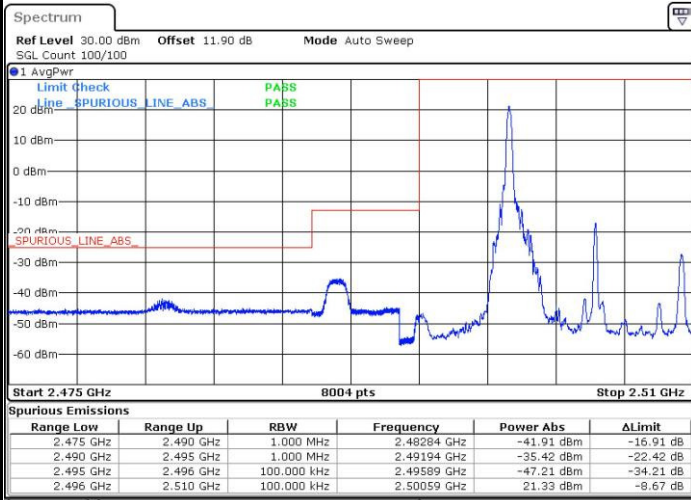


Date: 3.NOV.2016 14:37:50



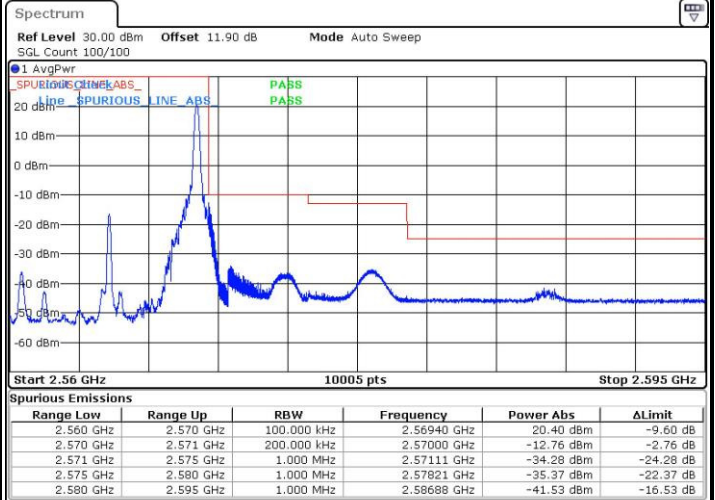
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 3.NOV.2016 14:41:43

Highest Band Edge / 1 RB



Date: 3.NOV.2016 14:51:49

Lowest Band Edge / Full RB



Date: 3.NOV.2016 14:44:03

Highest Band Edge / Full RB

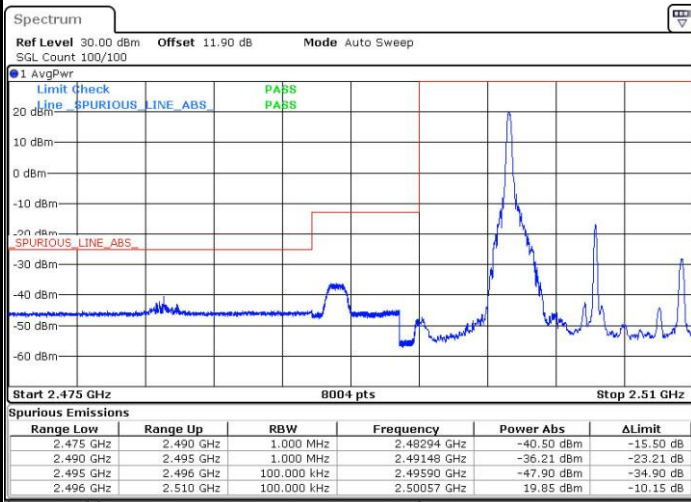


Date: 3.NOV.2016 14:54:09



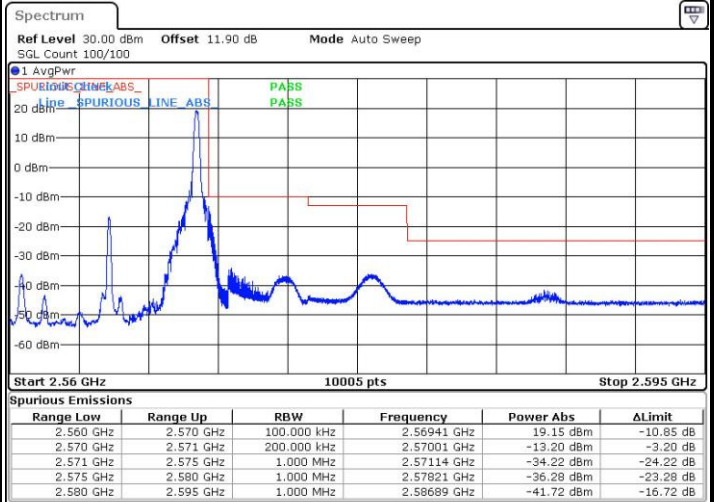
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



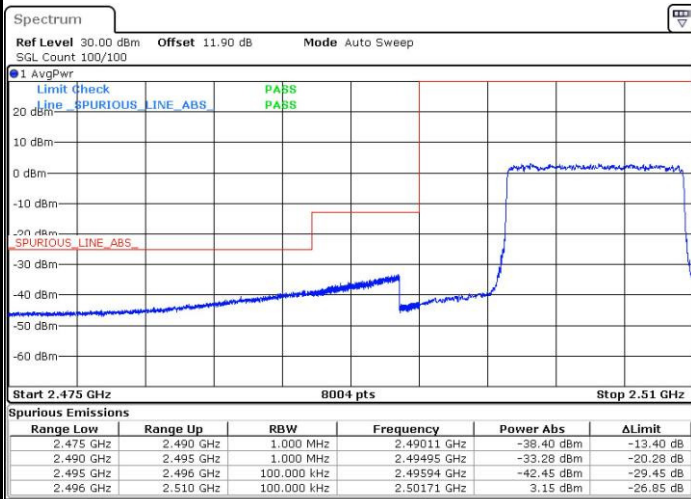
Date: 3.NOV.2016 14:42:53

Highest Band Edge / 1 RB



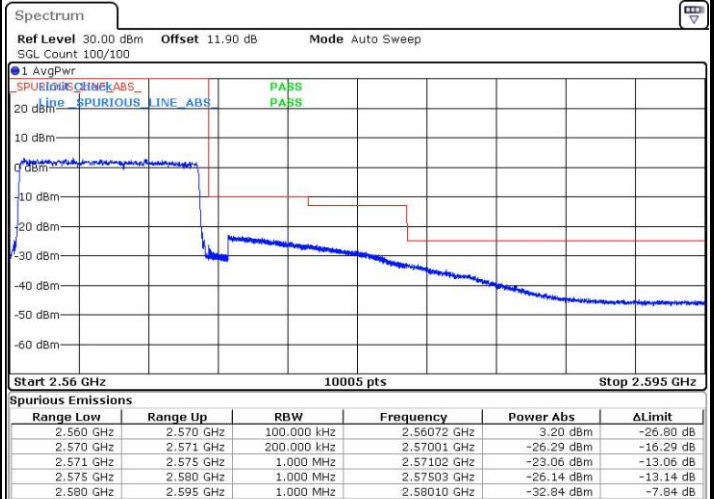
Date: 3.NOV.2016 14:52:59

Lowest Band Edge / Full RB



Date: 3.NOV.2016 14:45:13

Highest Band Edge / Full RB

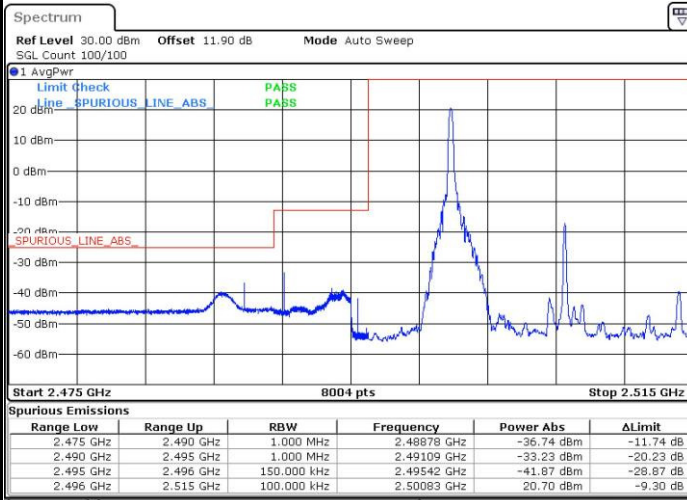


Date: 3.NOV.2016 14:55:19



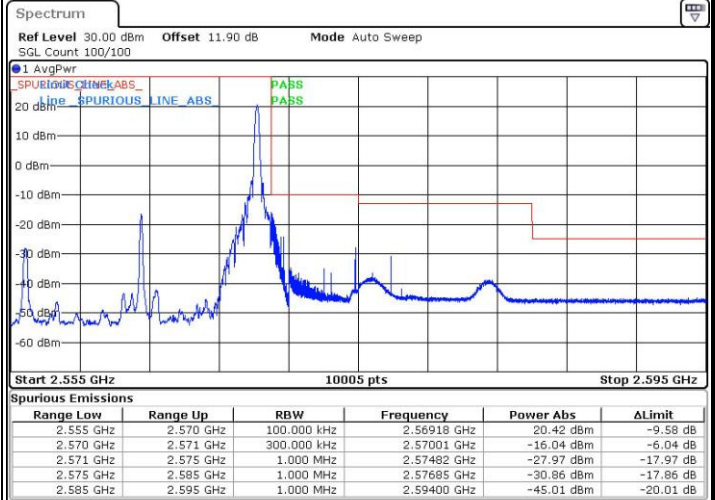
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



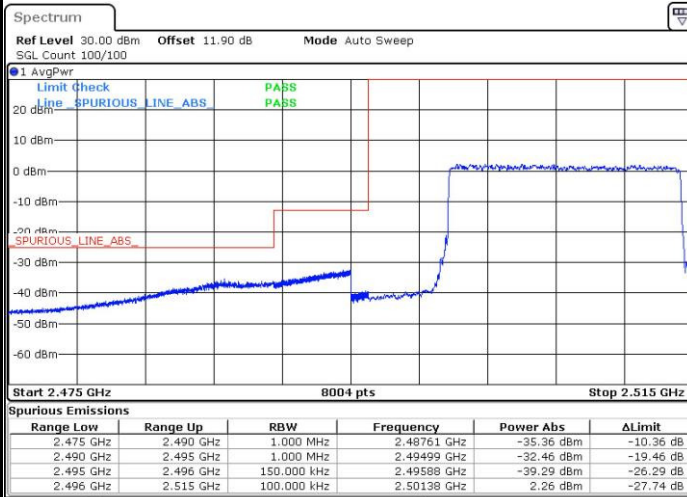
Date: 3.NOV.2016 14:59:12

Highest Band Edge / 1 RB



Date: 3.NOV.2016 15:09:18

Lowest Band Edge / Full RB



Date: 3.NOV.2016 15:01:32

Highest Band Edge / Full RB



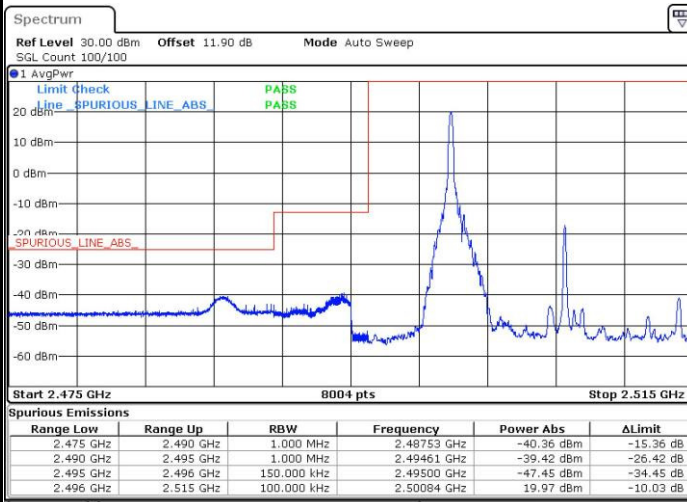
Date: 3.NOV.2016 15:11:38





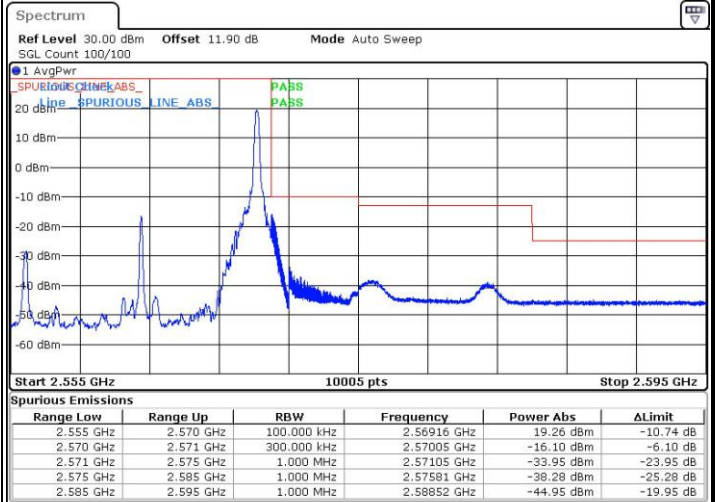
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



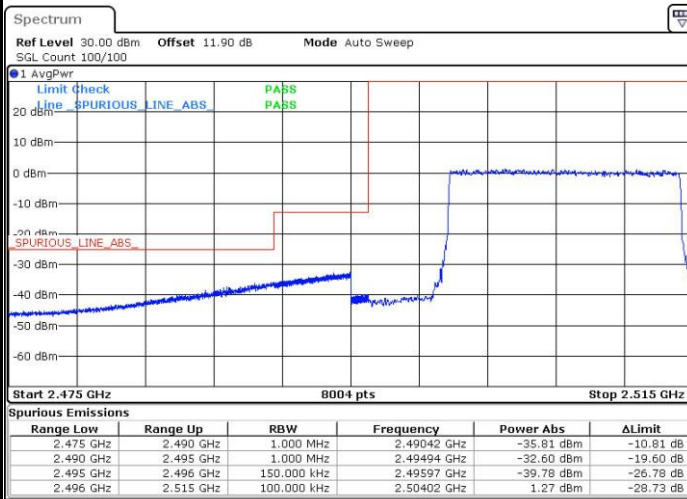
Date: 3.NOV.2016 15:00:22

Highest Band Edge / 1 RB



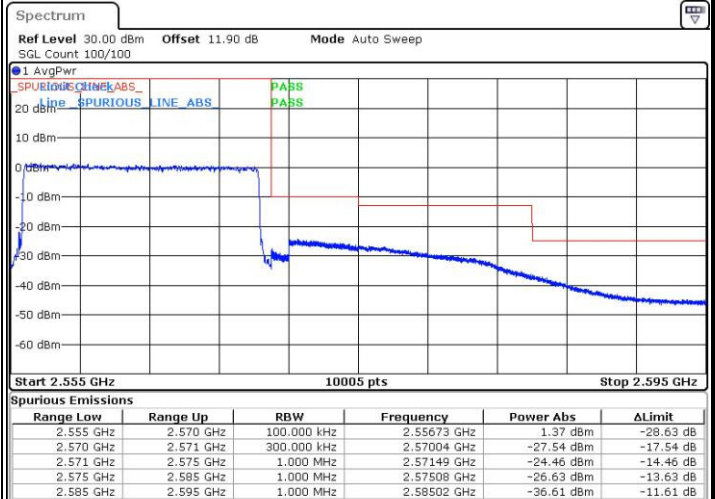
Date: 3.NOV.2016 15:10:28

Lowest Band Edge / Full RB



Date: 3.NOV.2016 15:02:42

Highest Band Edge / Full RB

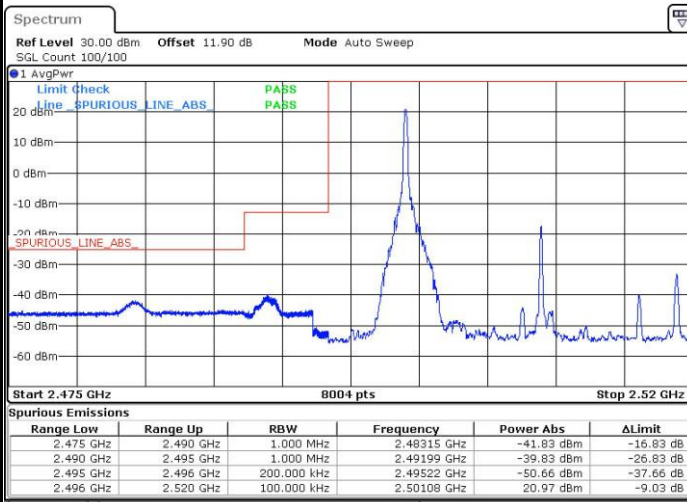


Date: 3.NOV.2016 15:12:48



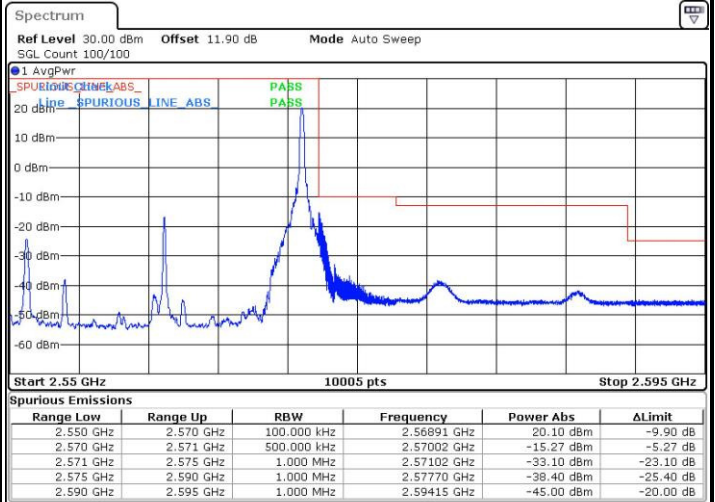
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



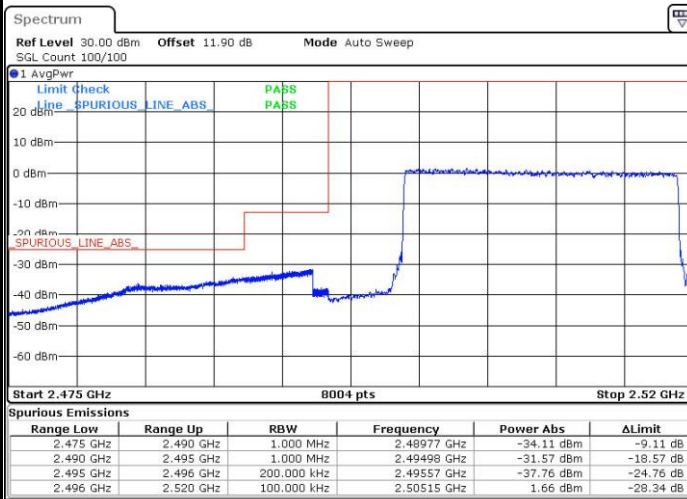
Date: 3.NOV.2016 15:16:41

Highest Band Edge / 1 RB



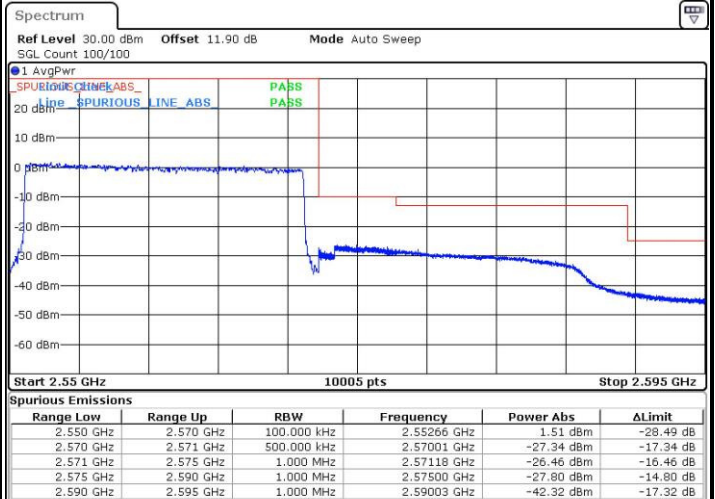
Date: 3.NOV.2016 15:26:46

Lowest Band Edge / Full RB



Date: 3.NOV.2016 15:19:01

Highest Band Edge / Full RB

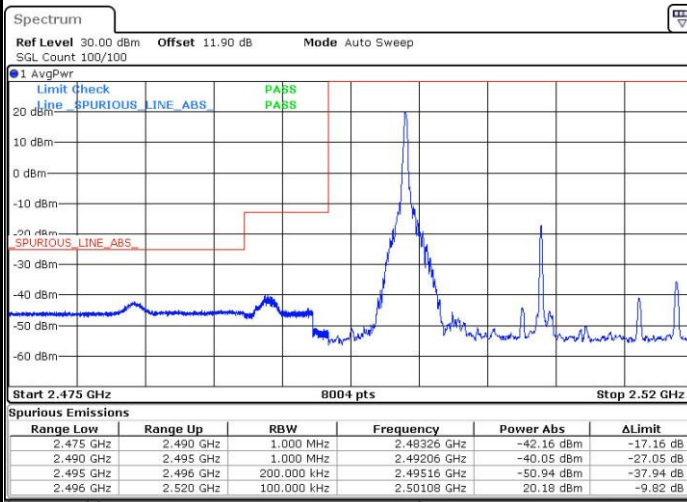


Date: 3.NOV.2016 15:30:16



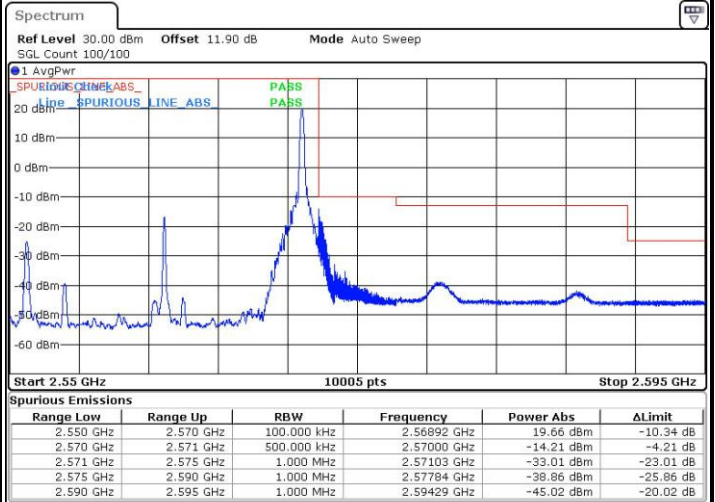
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



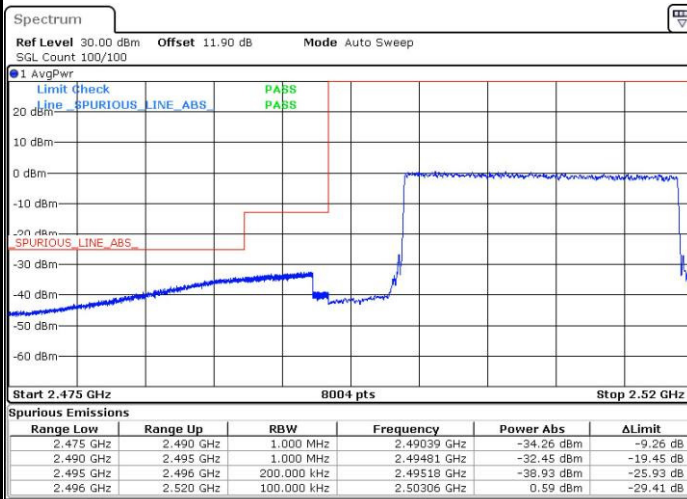
Date: 3.NOV.2016 15:17:51

Highest Band Edge / 1RB



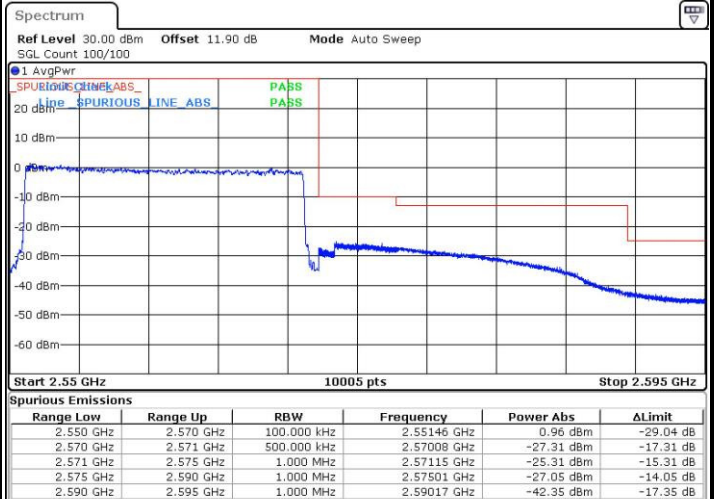
Date: 3.NOV.2016 15:27:56

Lowest Band Edge / Full RB



Date: 3.NOV.2016 15:20:11

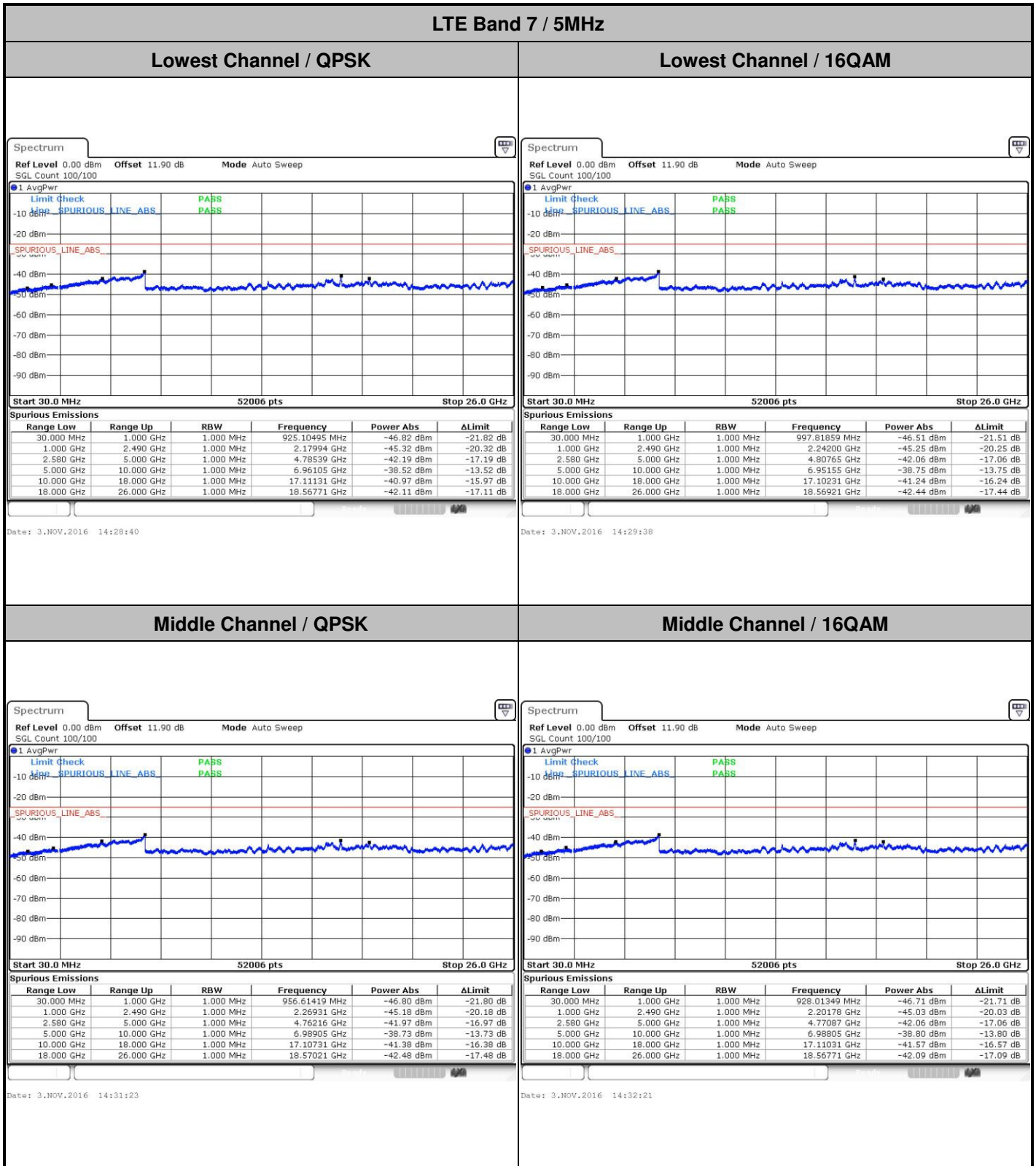
Highest Band Edge / Full RB



Date: 3.NOV.2016 15:29:06



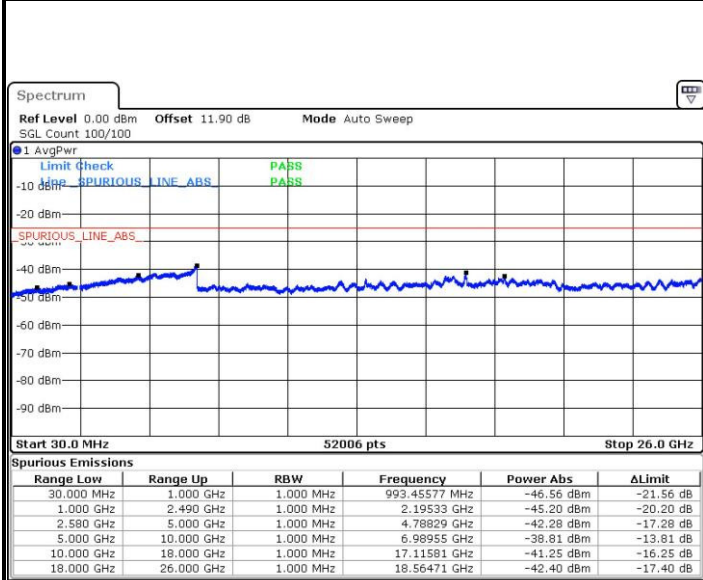
# Conducted Spurious Emission





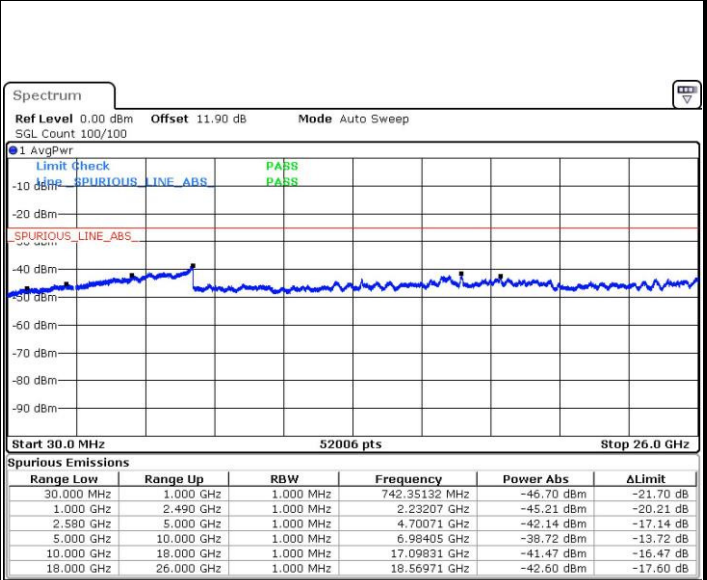
LTE Band 7 / 5MHz

Highest Channel / QPSK



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

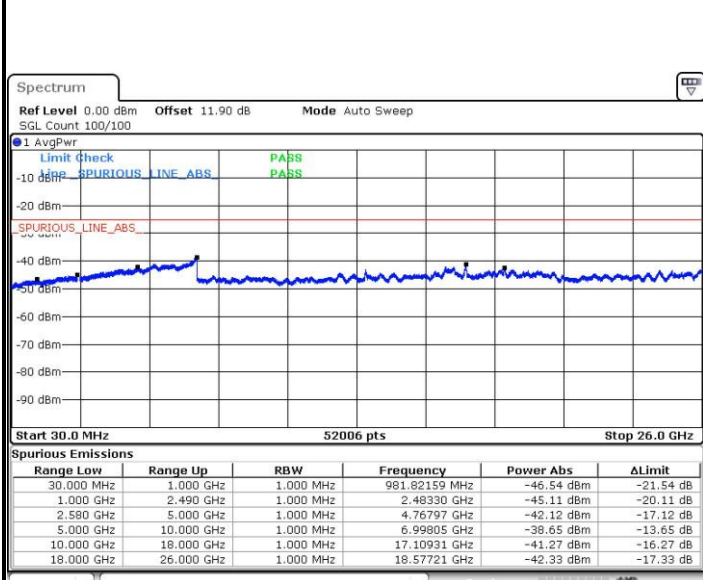
Highest Channel / 16QAM



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

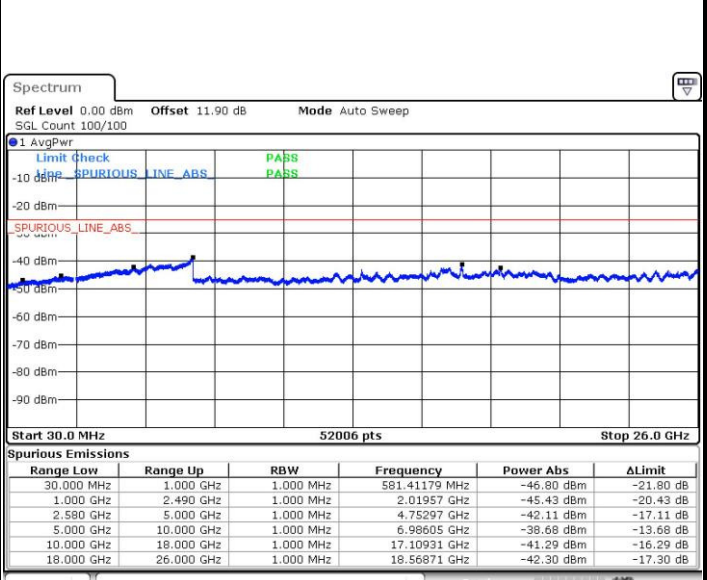
LTE Band 7 / 10MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM



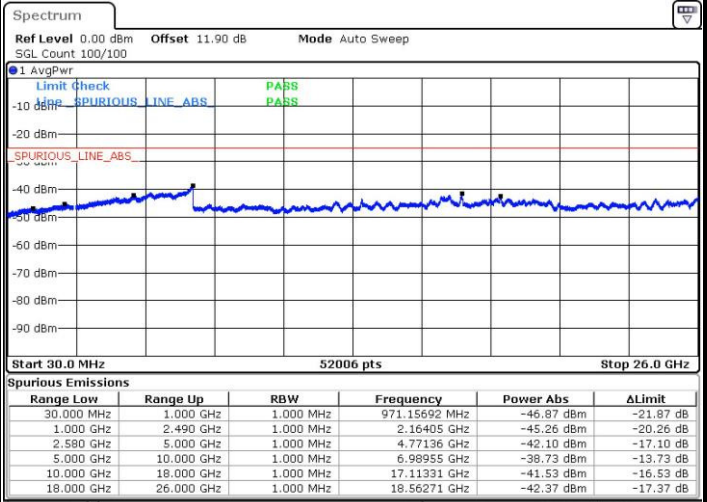
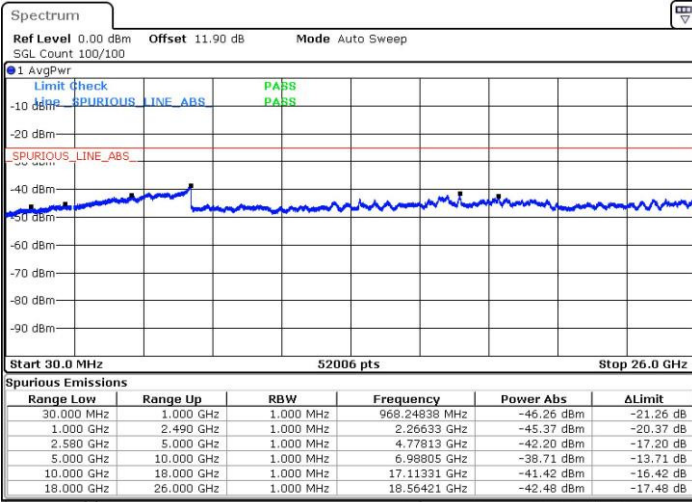
Date: 3.NOV.2016 14:47:08



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

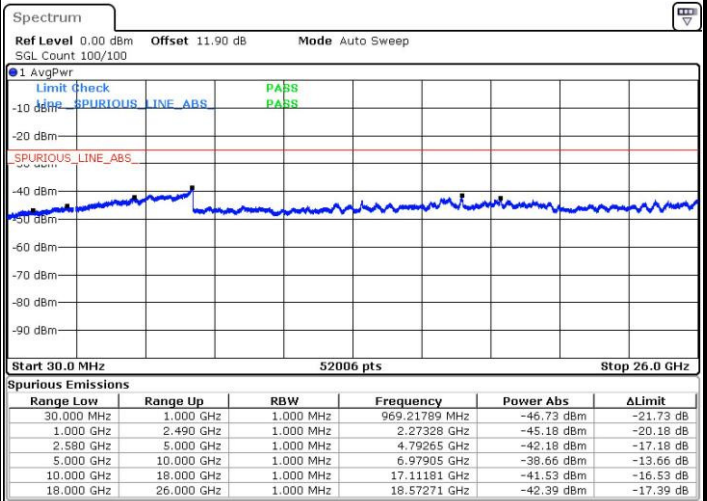
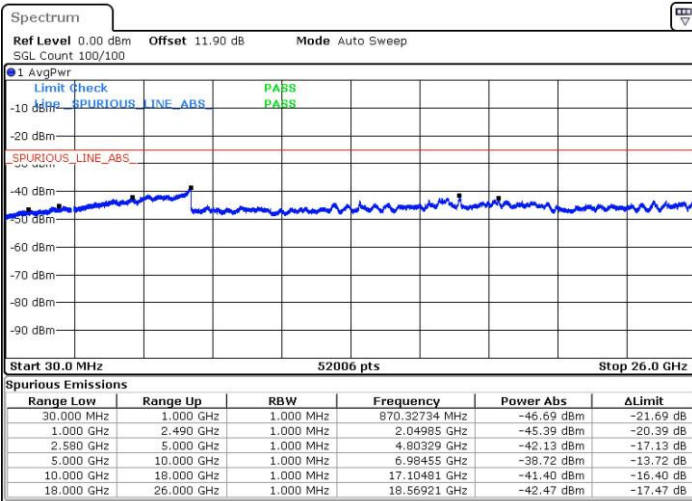


Date: 3.NOV.2016 14:48:52

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

Highest Channel / QPSK

Highest Channel / 16QAM



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

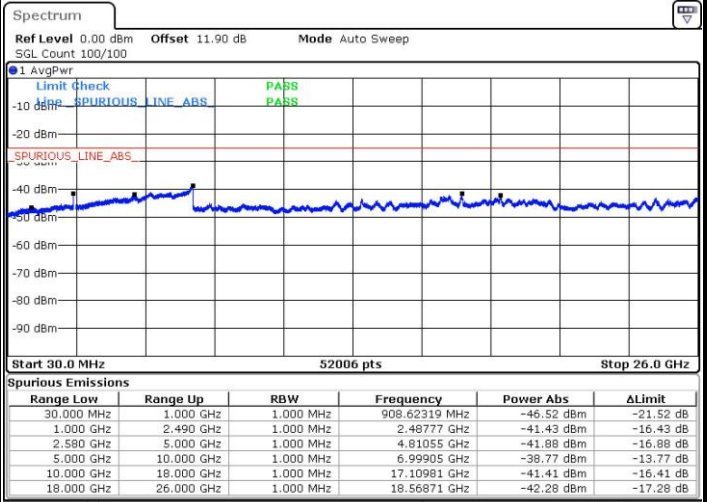
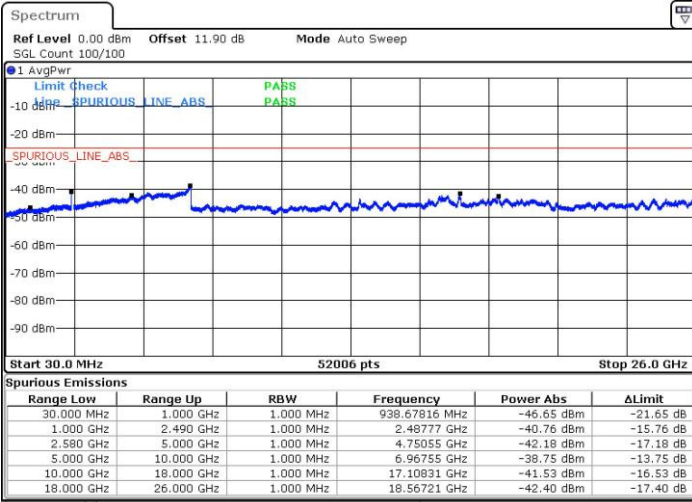
Date: 3.NOV.2016 14:57:14



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

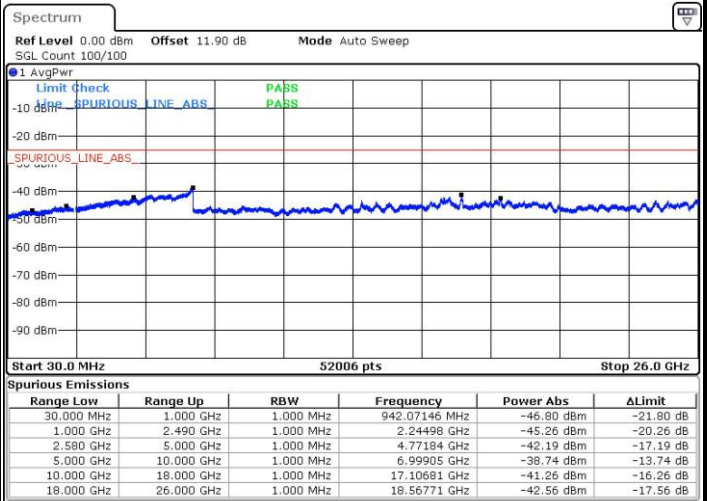
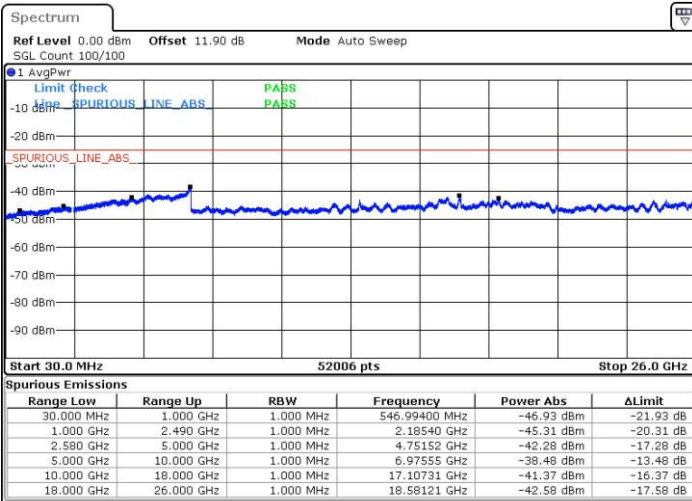


Date: 3.NOV.2016 15:03:39

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

Middle Channel / QPSK

Middle Channel / 16QAM



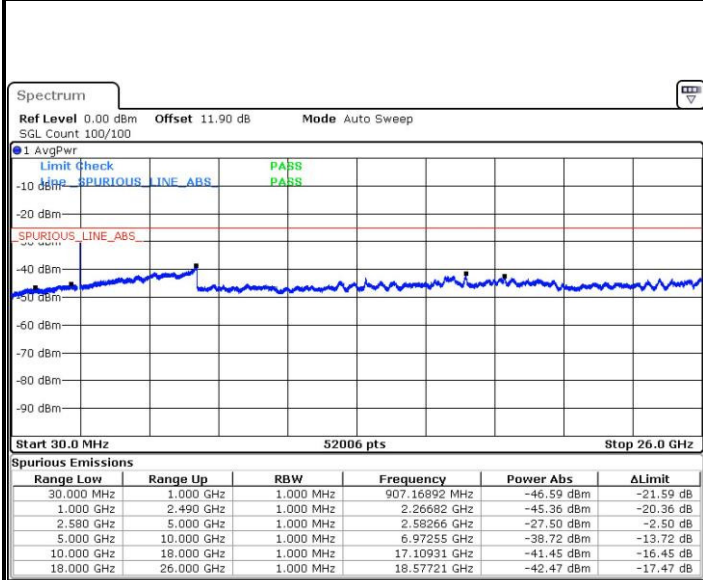
Date: 3.NOV.2016 15:06:21

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



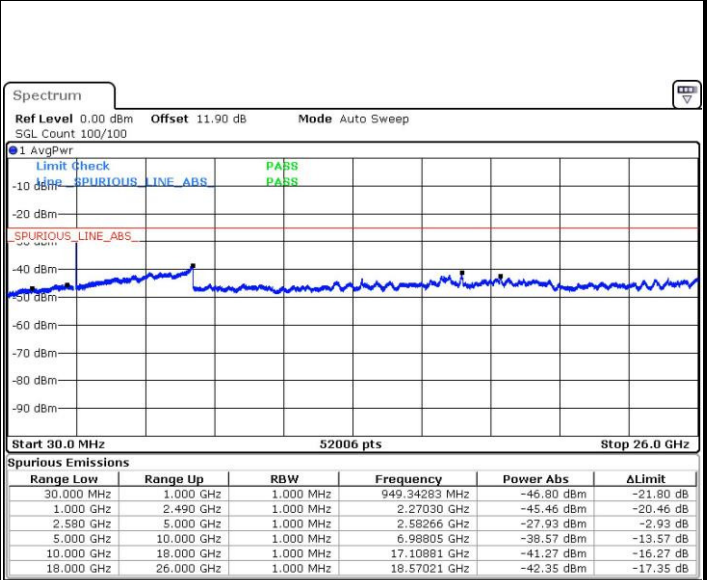
LTE Band7 / 15MHz

Highest Channel / QPSK



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

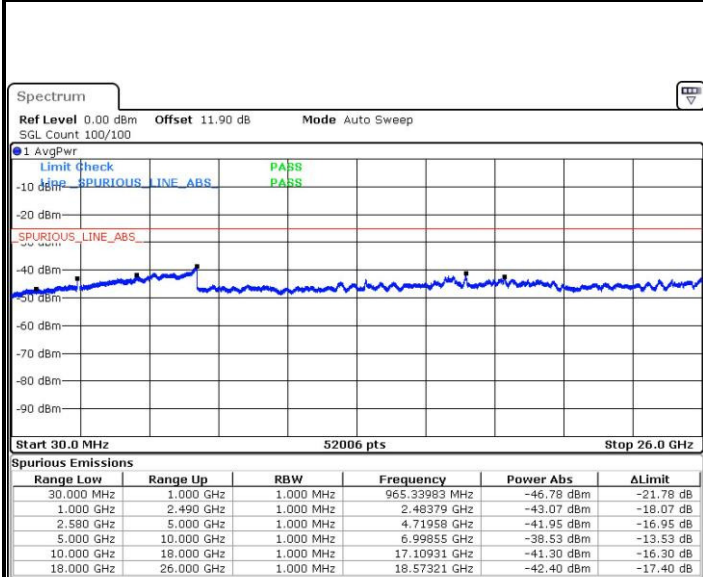
Highest Channel / 16QAM



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

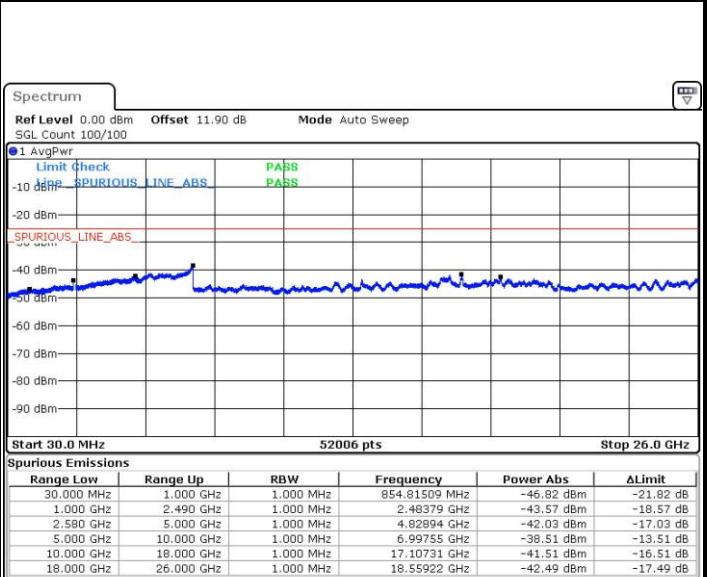
LTE Band 7 / 20MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM



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

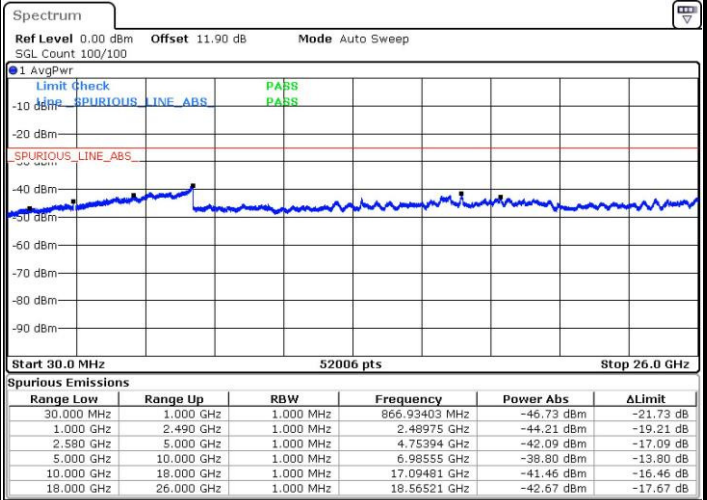
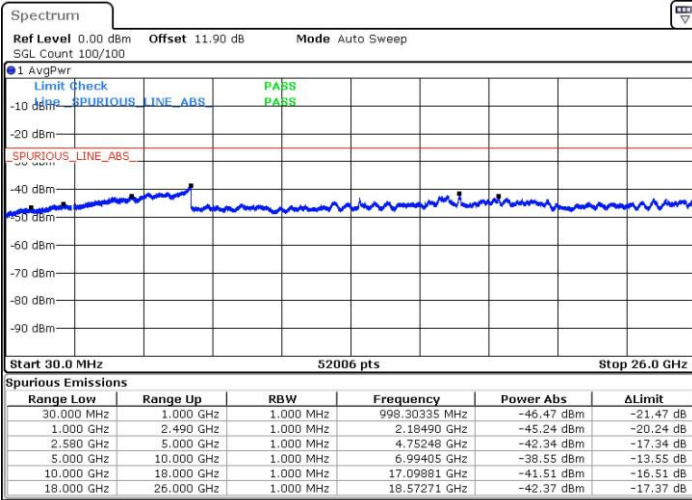




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

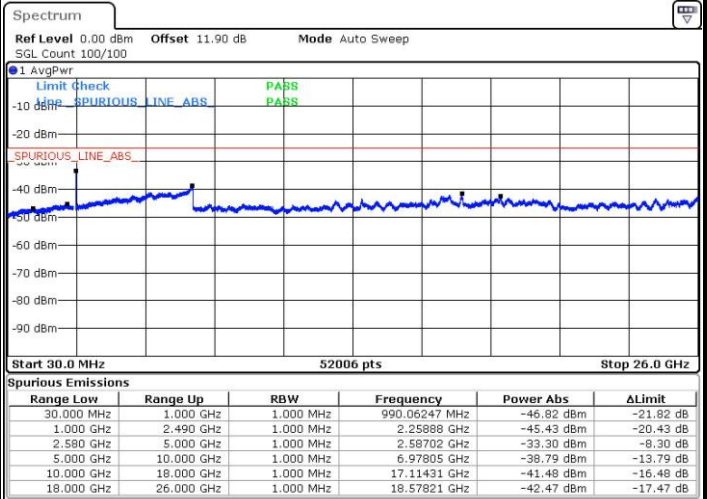
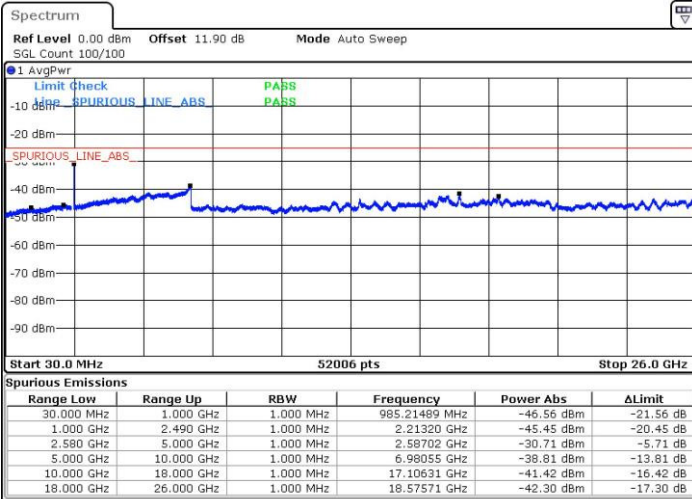


Date: 3.NOV.2016 15:23:50

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

Highest Channel / QPSK

Highest Channel / 16QAM



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

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	<b>PASS</b>
Middle CH	3.86	4.7	4.32	5.57	
Highest CH	3.83	4.75	4.81	5.54	