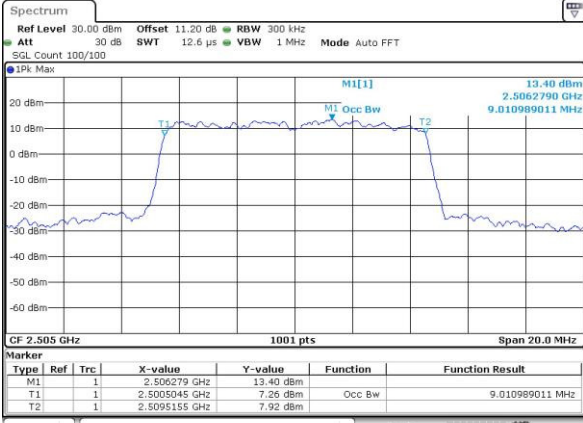




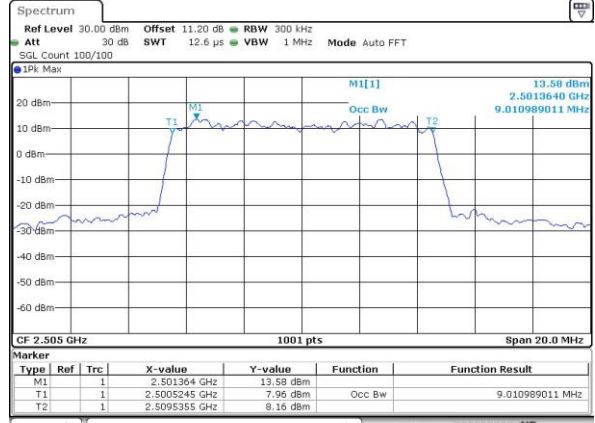
LTE Band 7

Lowest Channel / 10MHz / QPSK



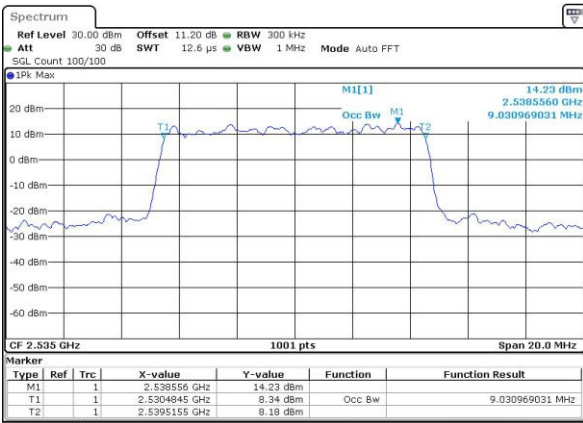
Date: 31.JUL.2016 16:53:23

Lowest Channel / 10MHz / 16QAM



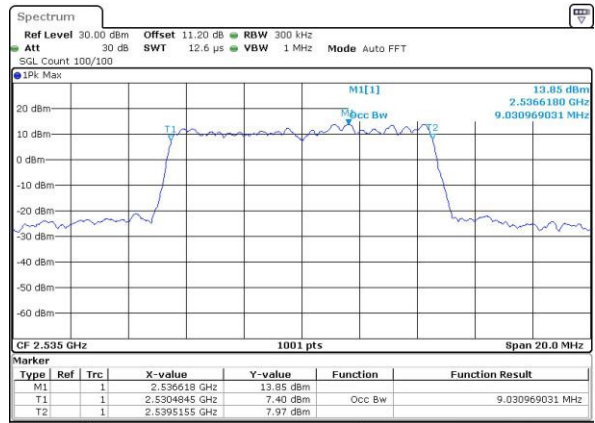
Date: 31.JUL.2016 16:53:35

Middle Channel / 10MHz / QPSK



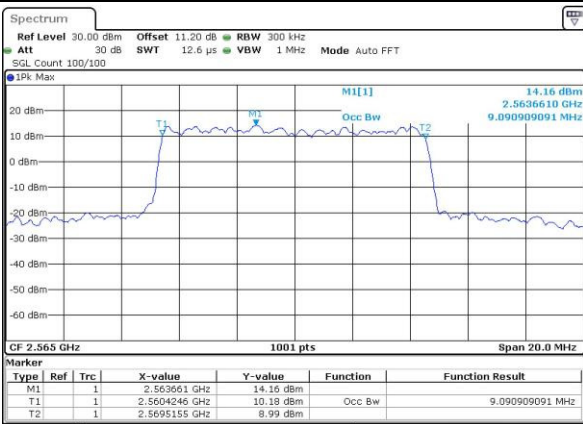
Date: 31.JUL.2016 17:07:56

Middle Channel / 10MHz / 16QAM



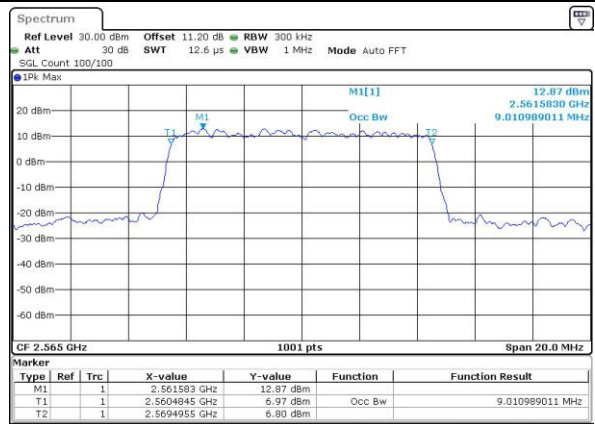
Date: 31.JUL.2016 17:08:08

Highest Channel / 10MHz / QPSK



Date: 31.JUL.2016 17:10:39

Highest Channel / 10MHz / 16QAM

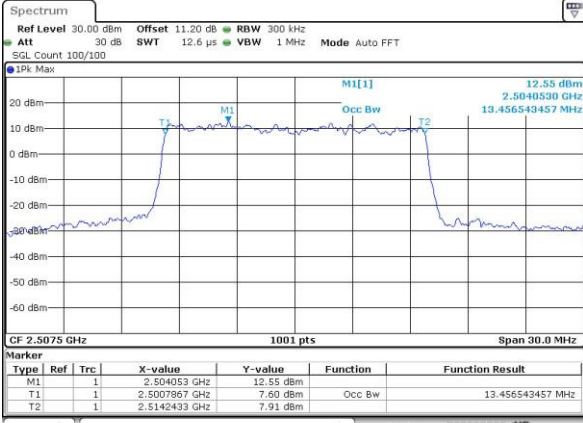


Date: 31.JUL.2016 17:10:51



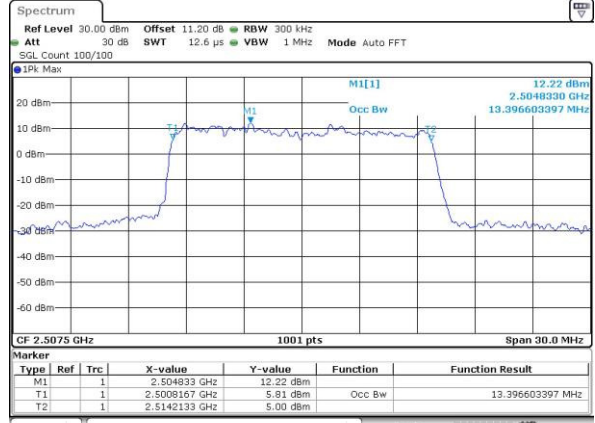
LTE Band 7

Lowest Channel / 15MHz / QPSK



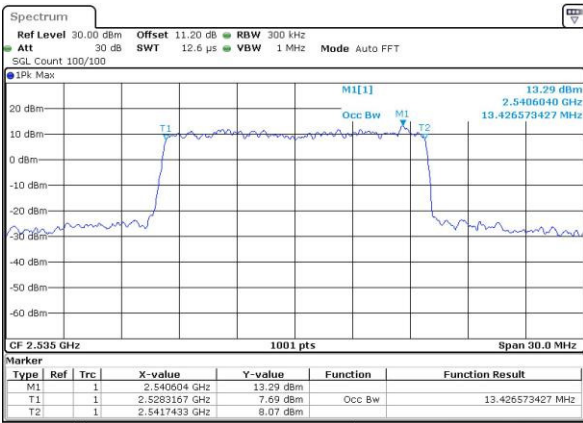
Date: 31.JUL.2016 17:20:37

Lowest Channel / 15MHz / 16QAM



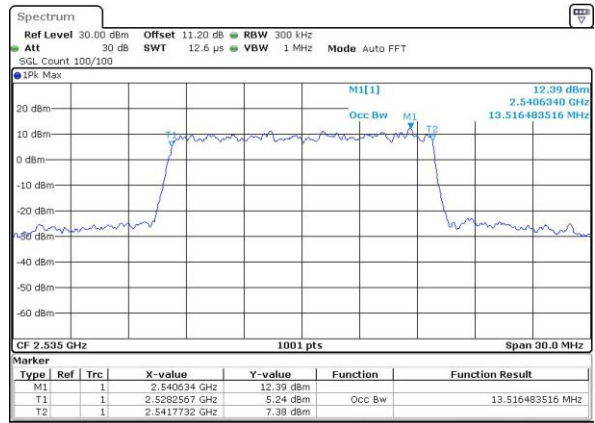
Date: 31.JUL.2016 17:20:49

Middle Channel / 15MHz / QPSK



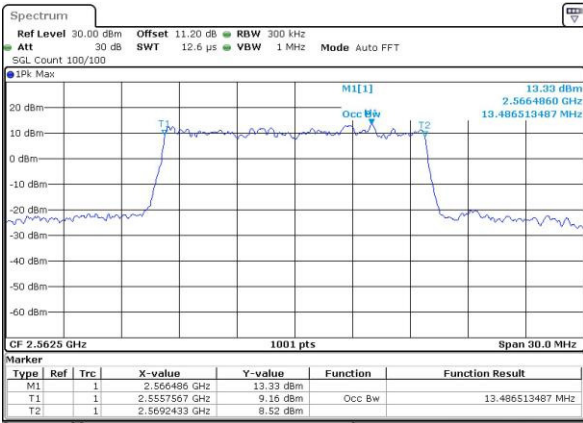
Date: 31.JUL.2016 17:28:00

Middle Channel / 15MHz / 16QAM



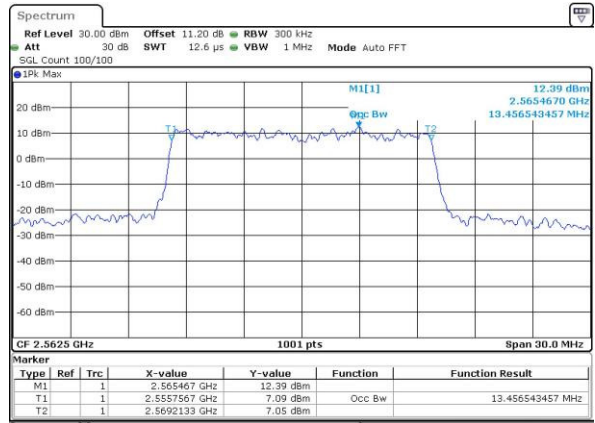
Date: 31.JUL.2016 17:28:11

Highest Channel / 15MHz / QPSK



Date: 31.JUL.2016 17:30:43

Highest Channel / 15MHz / 16QAM

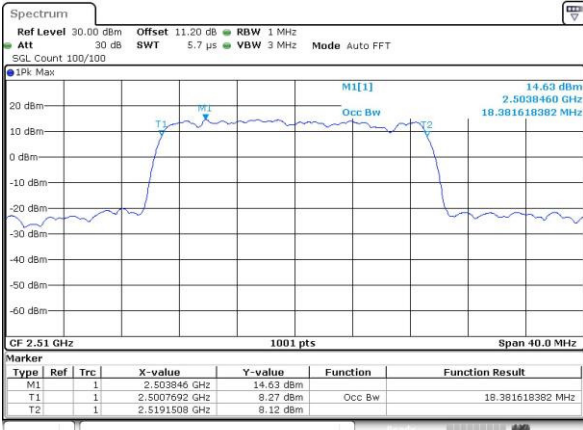


Date: 31.JUL.2016 17:30:55



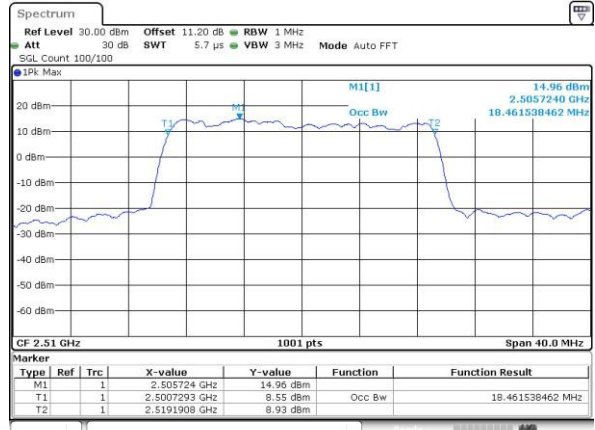
LTE Band 7

Lowest Channel / 20MHz / QPSK



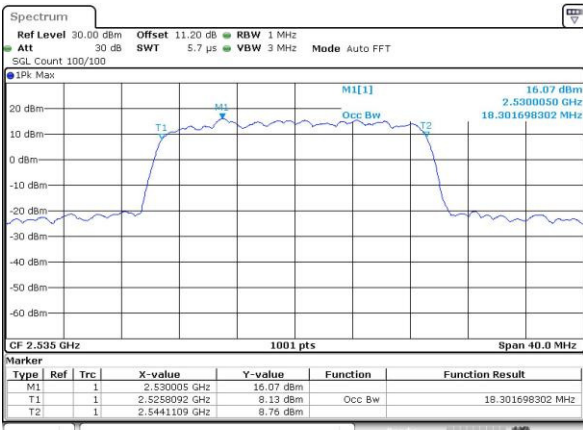
Date: 31.JUL.2016 17:38:45

Lowest Channel / 20MHz / 16QAM



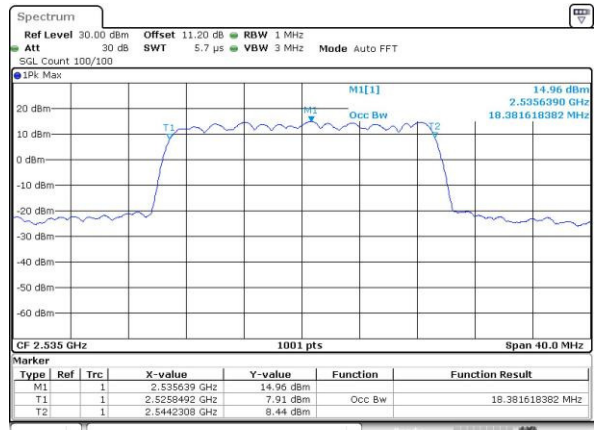
Date: 31.JUL.2016 17:38:57

Middle Channel / 20MHz / QPSK



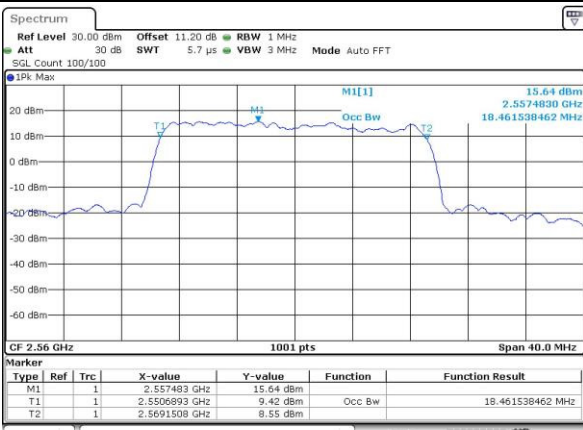
Date: 31.JUL.2016 17:46:07

Middle Channel / 20MHz / 16QAM



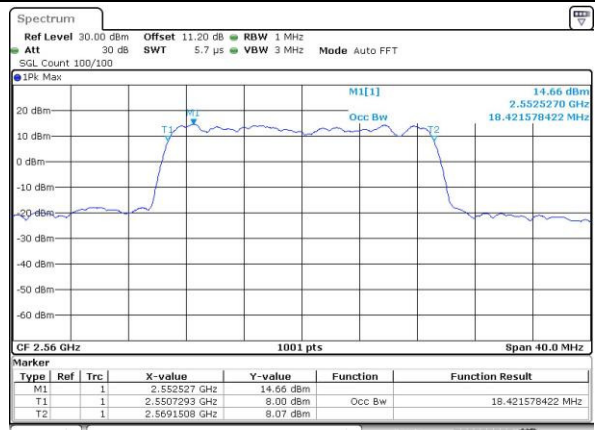
Date: 31.JUL.2016 17:46:19

Highest Channel / 20MHz / QPSK



Date: 31.JUL.2016 17:48:50

Highest Channel / 20MHz / 16QAM



Date: 31.JUL.2016 17:49:02

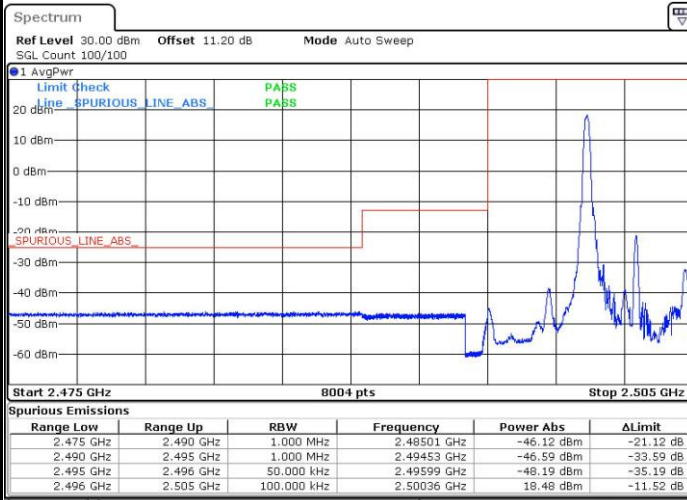


Conducted Band Edge



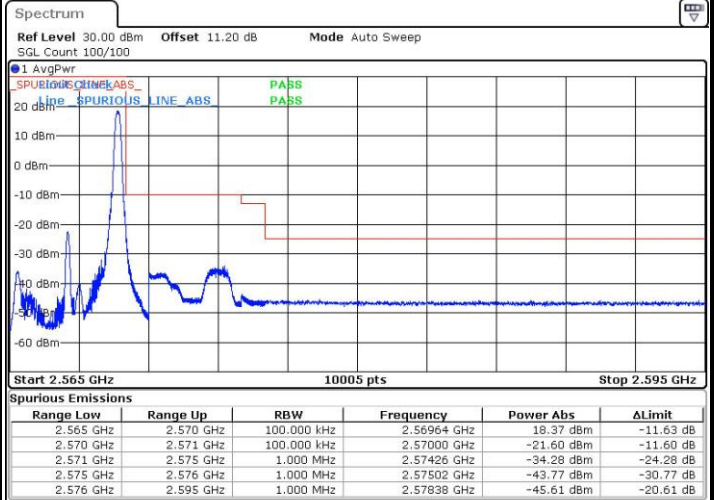
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 31.JUL.2016 16:36:25

Highest Band Edge / 1 RB



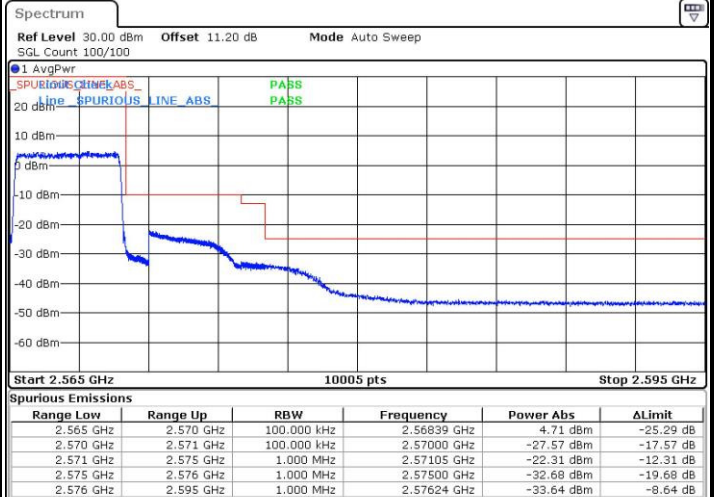
Date: 31.JUL.2016 16:46:31

Lowest Band Edge / Full RB



Date: 31.JUL.2016 16:38:45

Highest Band Edge / Full RB

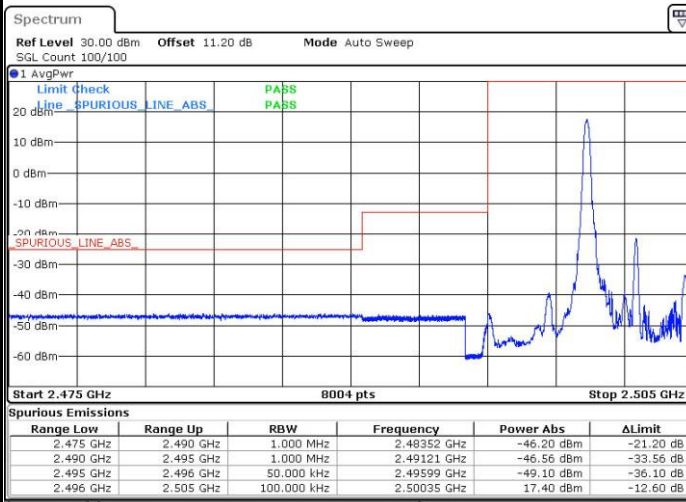


Date: 31.JUL.2016 16:48:51



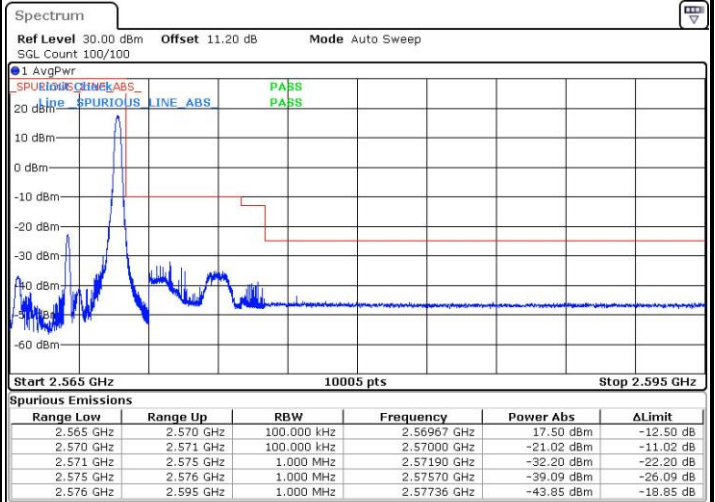
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 31.JUL.2016 16:37:35

Highest Band Edge / 1 RB



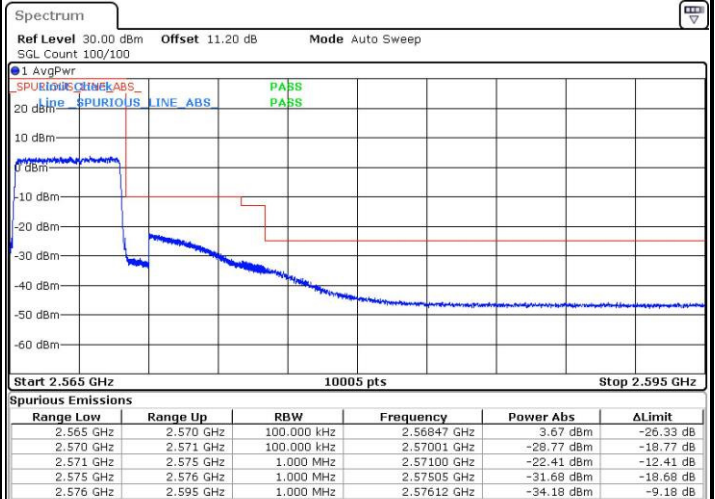
Date: 31.JUL.2016 16:47:41

Lowest Band Edge / Full RB



Date: 31.JUL.2016 16:39:55

Highest Band Edge / Full RB



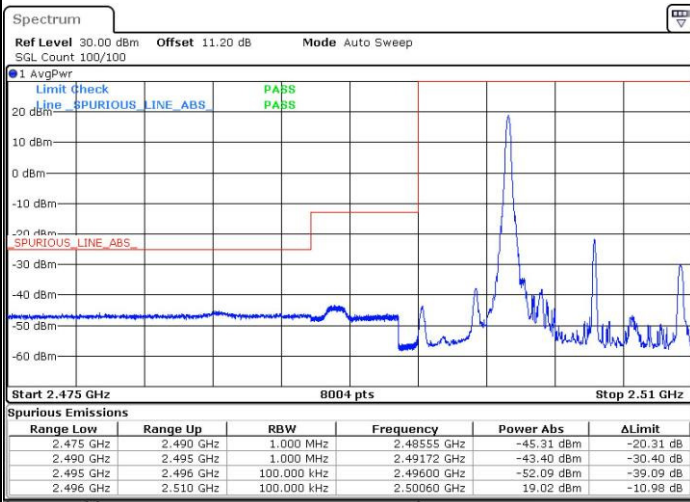
Date: 31.JUL.2016 16:50:01



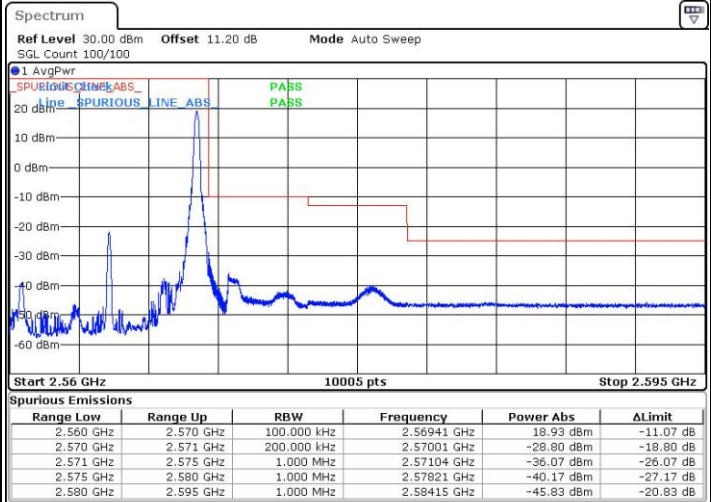
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



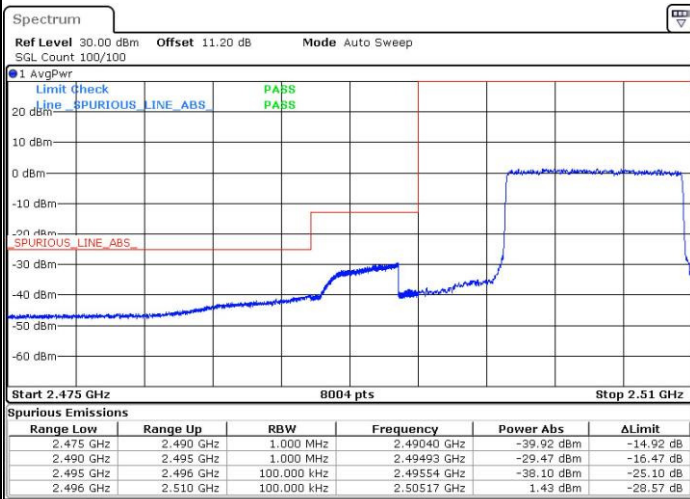
Date: 31.JUL.2016 17:02:19



Date: 31.JUL.2016 17:12:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.JUL.2016 17:04:39

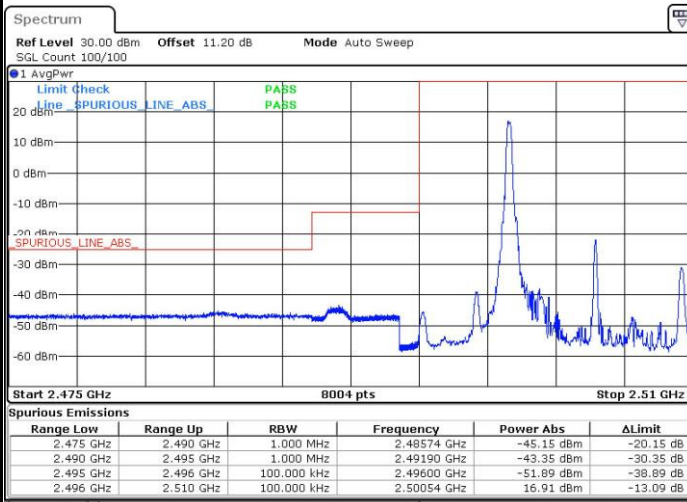


Date: 31.JUL.2016 17:14:44



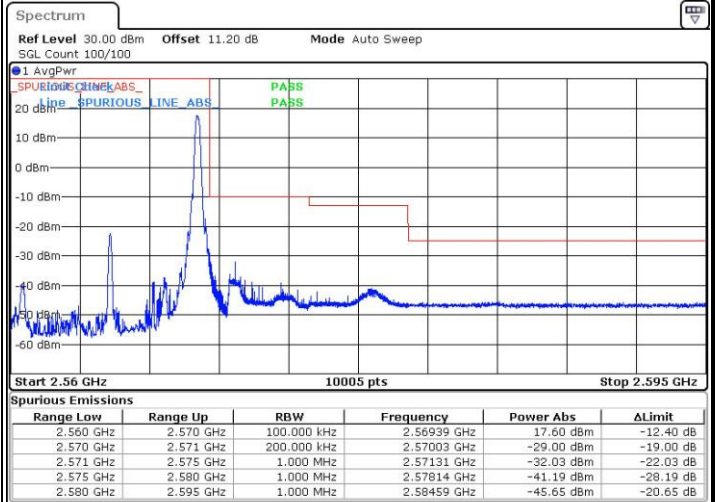
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



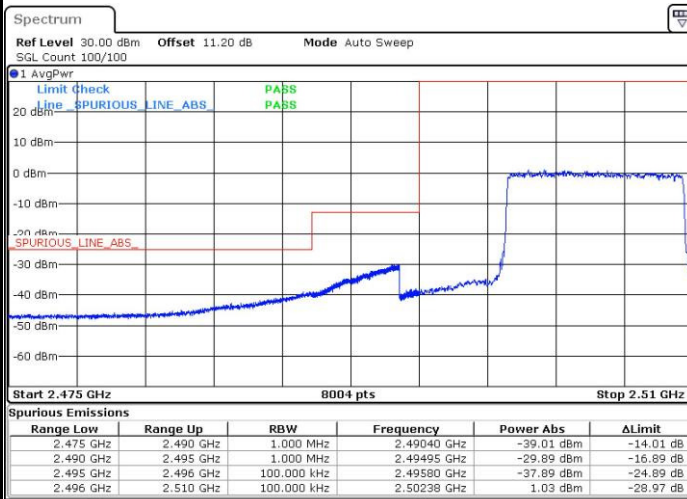
Date: 31.JUL.2016 17:03:29

Highest Band Edge / 1 RB



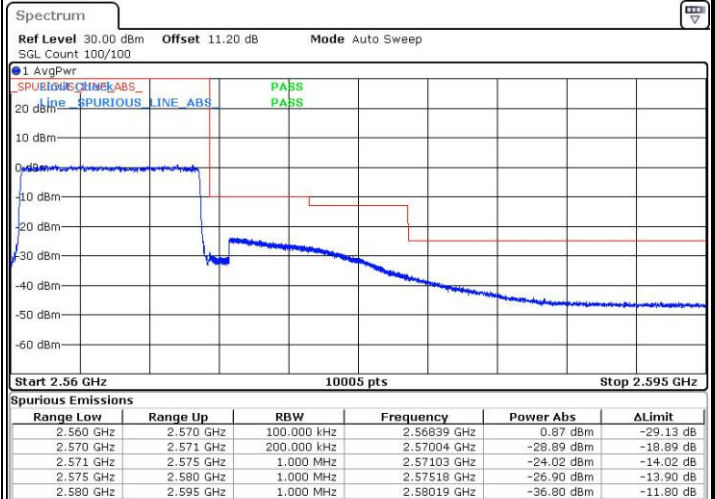
Date: 31.JUL.2016 17:13:34

Lowest Band Edge / Full RB



Date: 31.JUL.2016 17:05:49

Highest Band Edge / Full RB

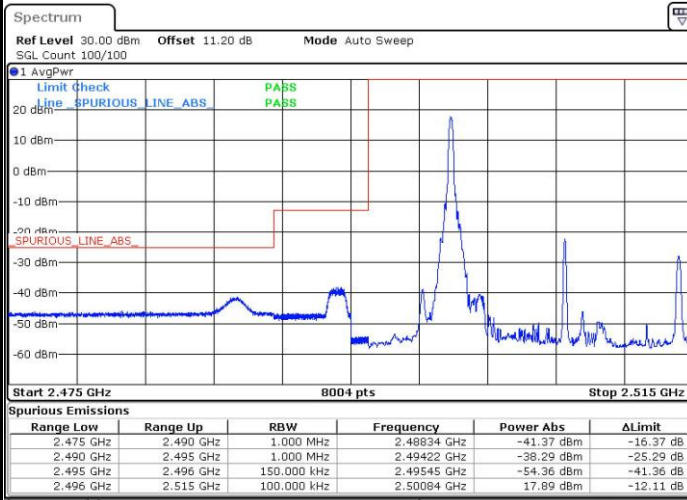


Date: 31.JUL.2016 17:15:54



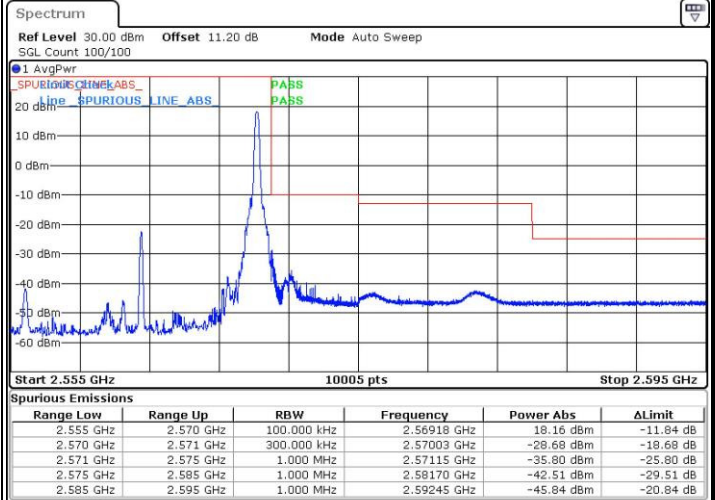
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



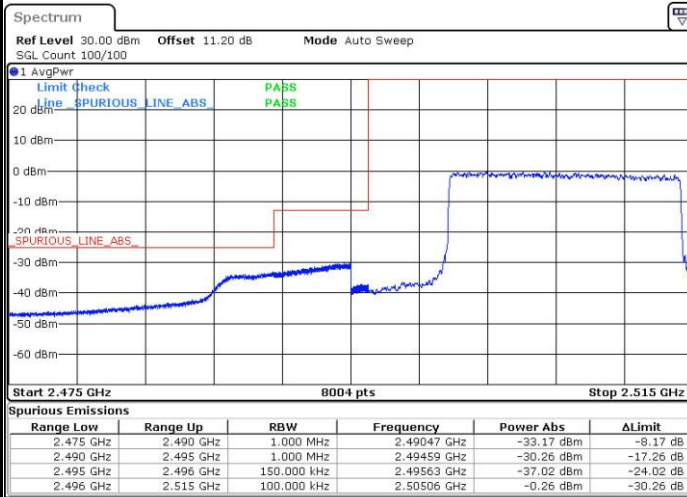
Date: 31.JUL.2016 17:22:22

Highest Band Edge / 1 RB



Date: 31.JUL.2016 17:32:28

Lowest Band Edge / Full RB



Date: 31.JUL.2016 17:24:42

Highest Band Edge / Full RB

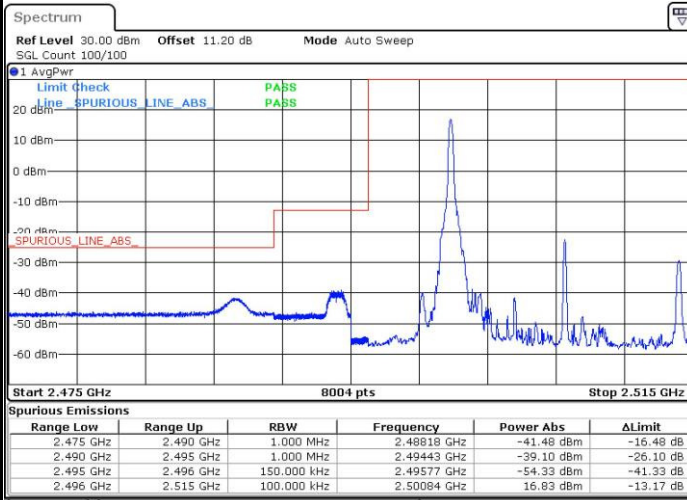


Date: 31.JUL.2016 17:34:48



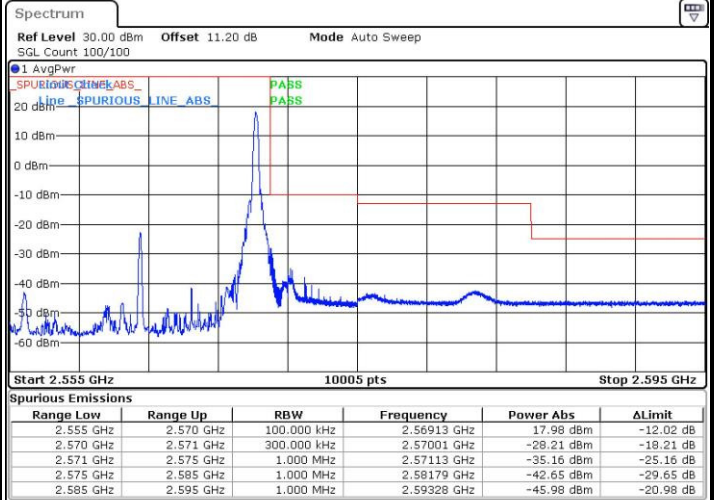
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



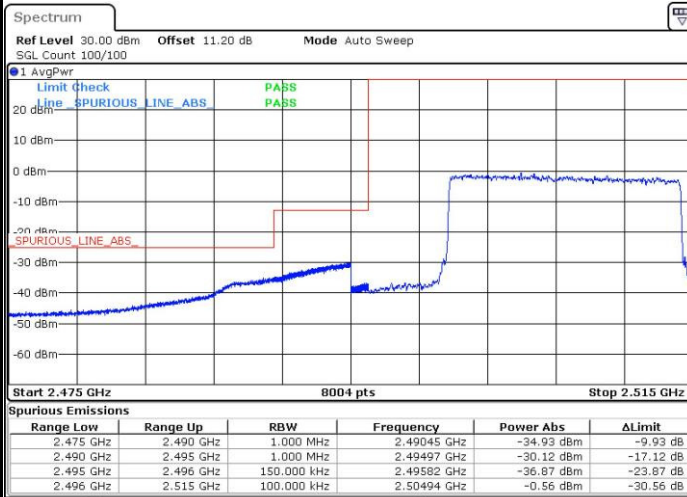
Date: 31.JUL.2016 17:23:32

Highest Band Edge / 1 RB



Date: 31.JUL.2016 17:33:38

Lowest Band Edge / Full RB



Date: 31.JUL.2016 17:25:52

Highest Band Edge / Full RB

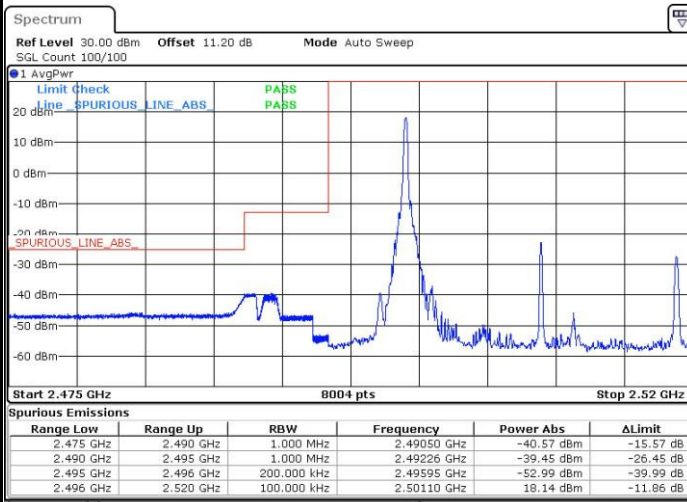


Date: 31.JUL.2016 17:35:58



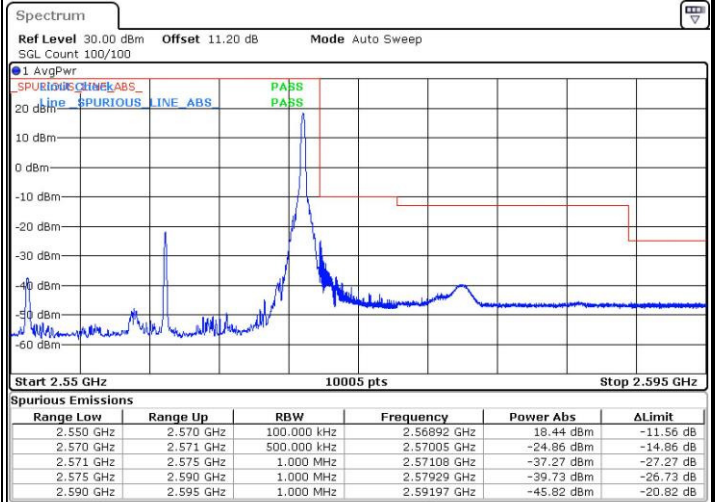
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



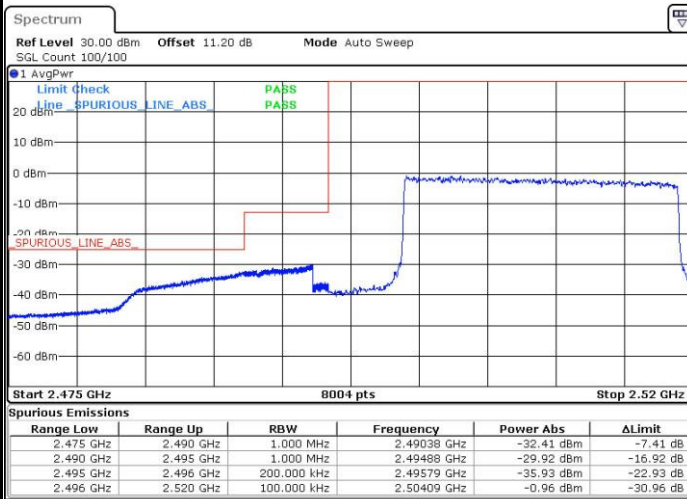
Date: 31.JUL.2016 17:40:30

Highest Band Edge / 1 RB



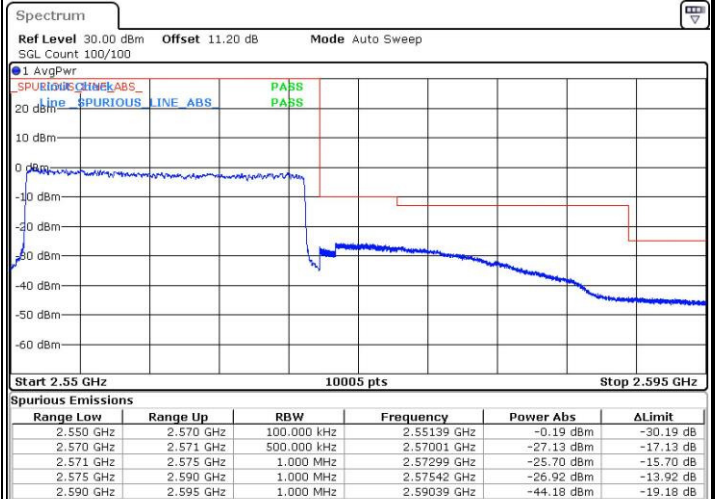
Date: 31.JUL.2016 17:50:36

Lowest Band Edge / Full RB



Date: 31.JUL.2016 17:42:50

Highest Band Edge / Full RB

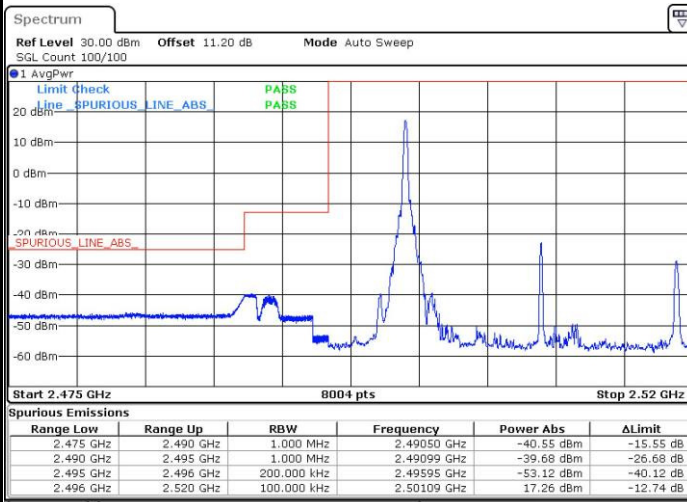


Date: 31.JUL.2016 17:54:06



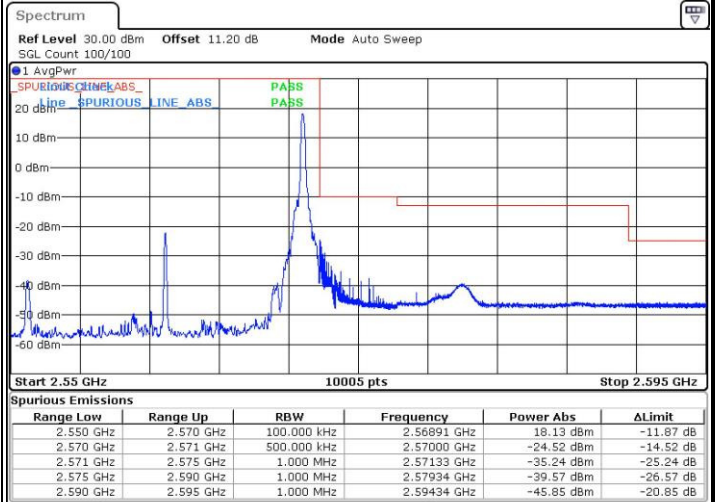
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



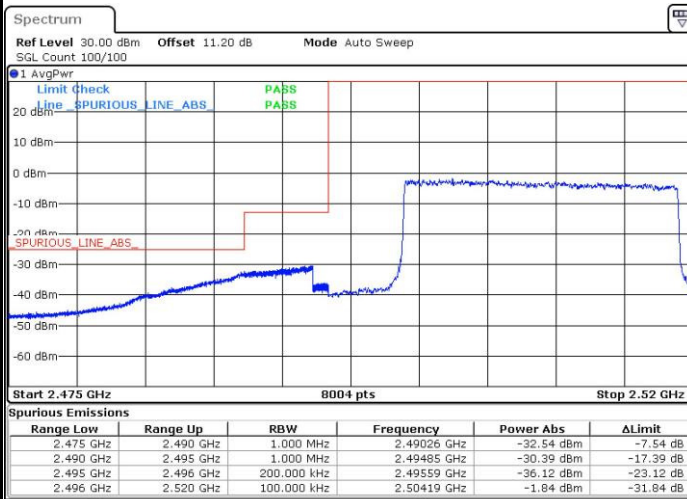
Date: 31.JUL.2016 17:41:40

Highest Band Edge / 1RB



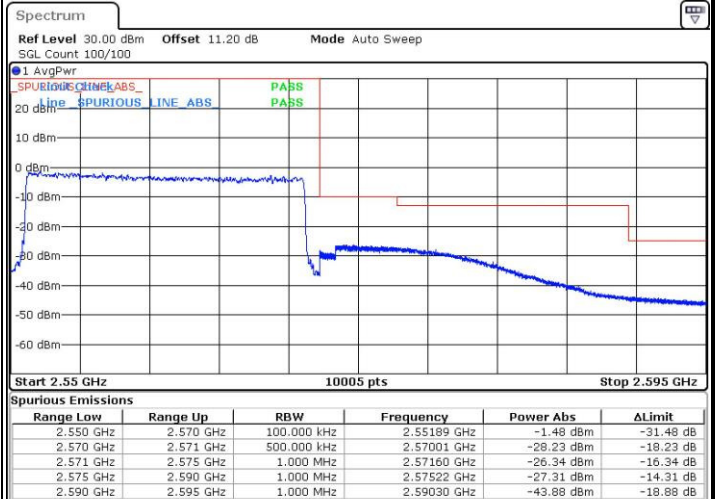
Date: 31.JUL.2016 17:51:46

Lowest Band Edge / Full RB



Date: 31.JUL.2016 17:44:00

Highest Band Edge / Full RB



Date: 31.JUL.2016 17:52:56



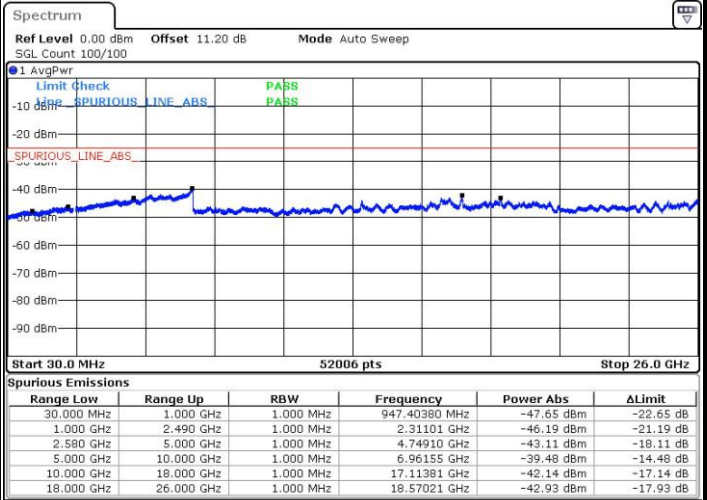
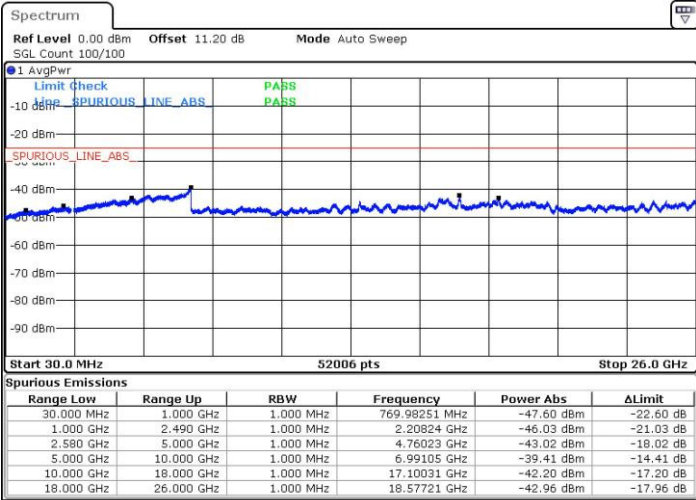
Conducted Spurious Emission



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

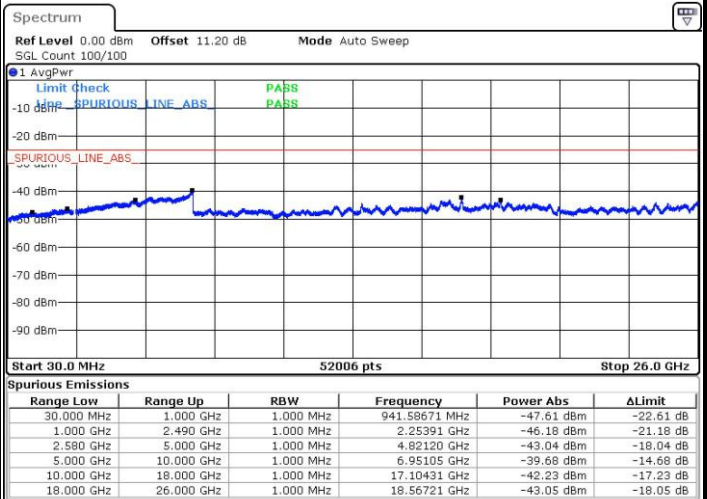
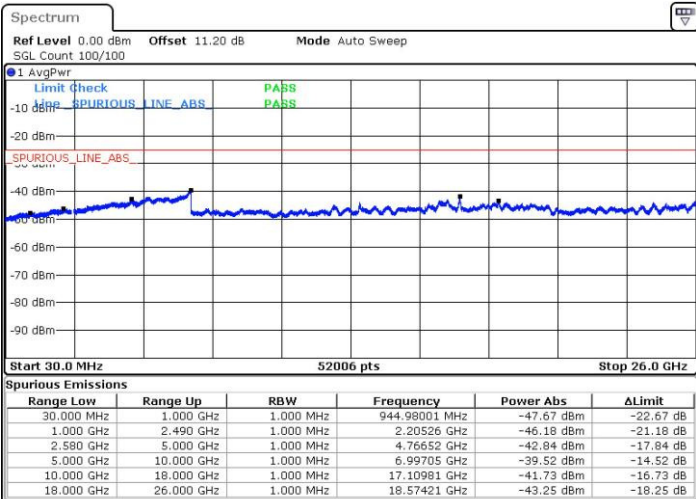


Date: 31.JUL.2016 16:40:52

Date: 31.JUL.2016 16:41:50

Middle Channel / QPSK

Middle Channel / 16QAM



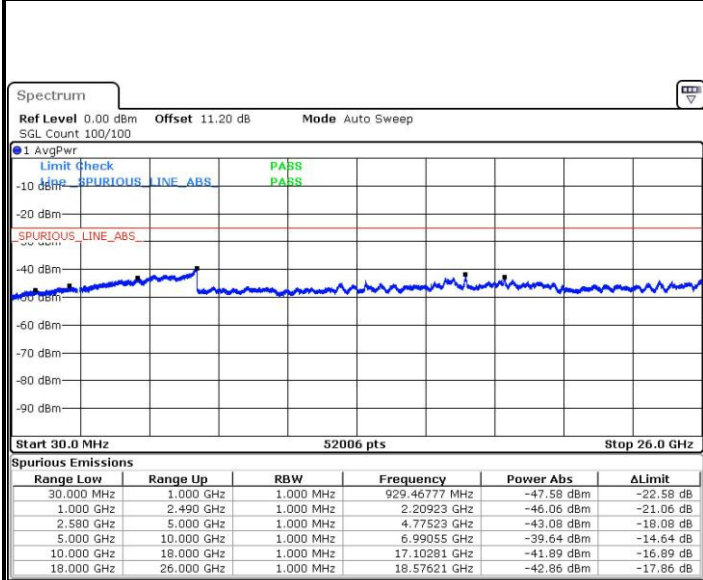
Date: 31.JUL.2016 16:43:35

Date: 31.JUL.2016 16:44:33



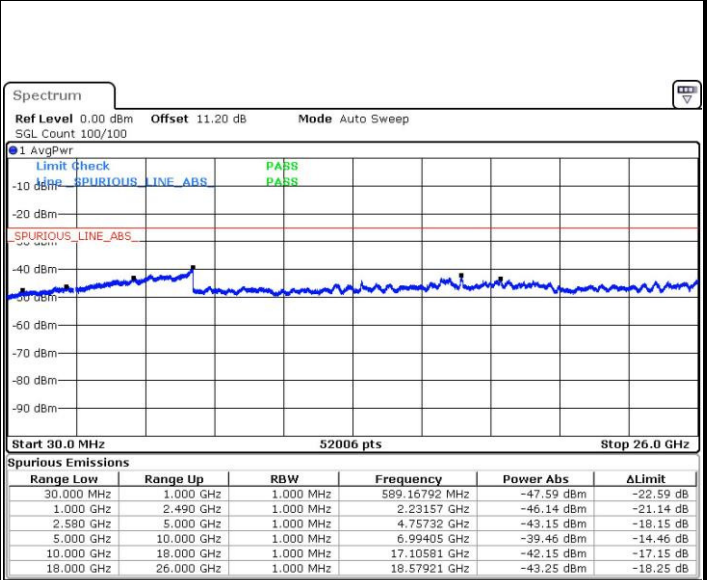
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 31.JUL.2016 16:50:58

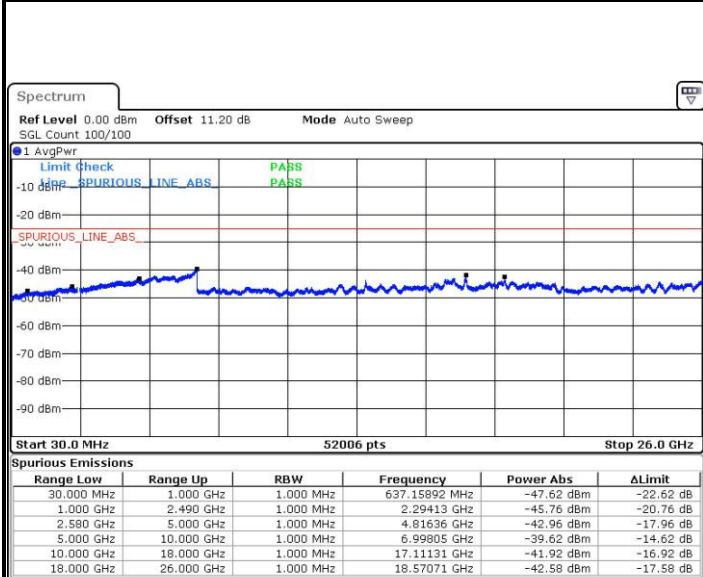
Highest Channel / 16QAM



Date: 31.JUL.2016 16:51:56

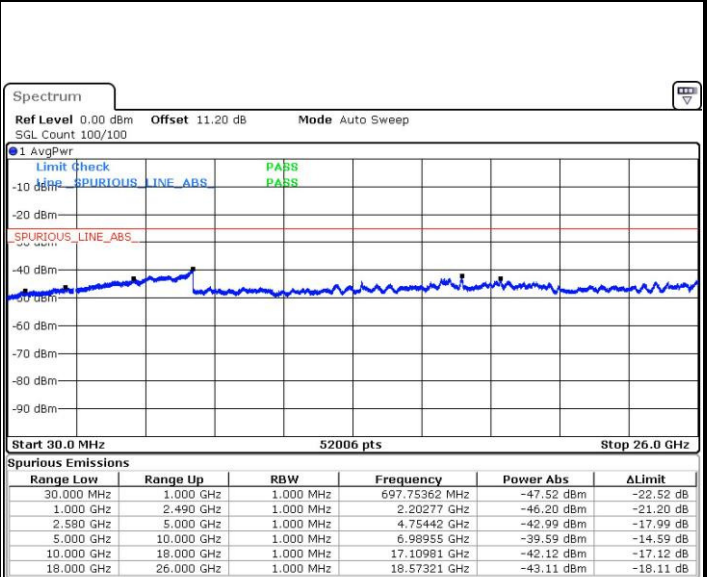
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 31.JUL.2016 17:06:45

Lowest Channel / 16QAM



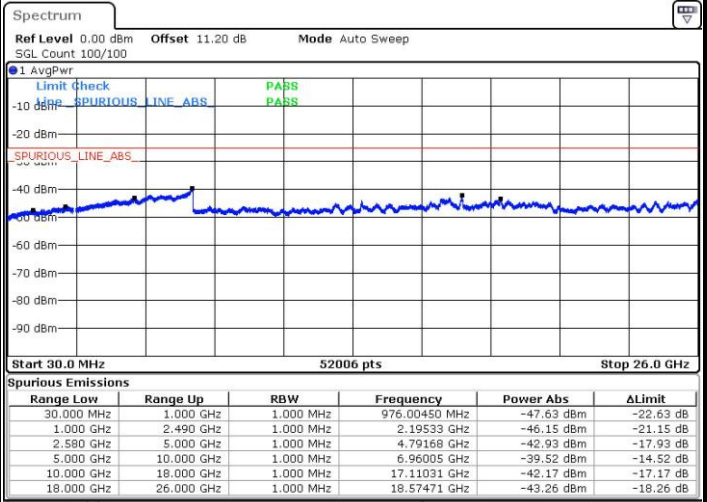
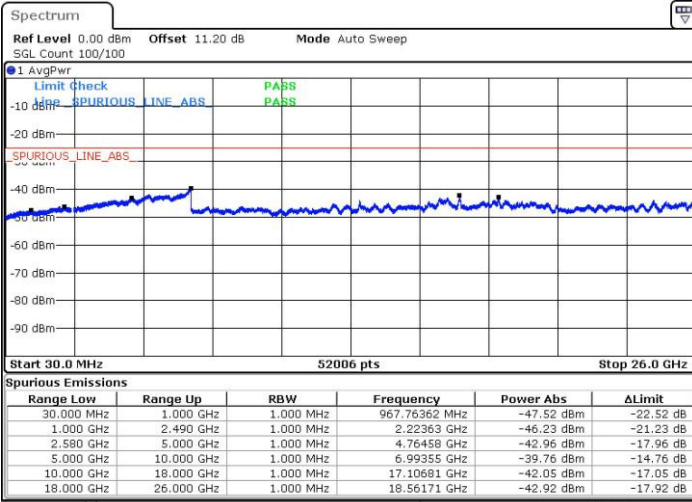
Date: 31.JUL.2016 17:07:43



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

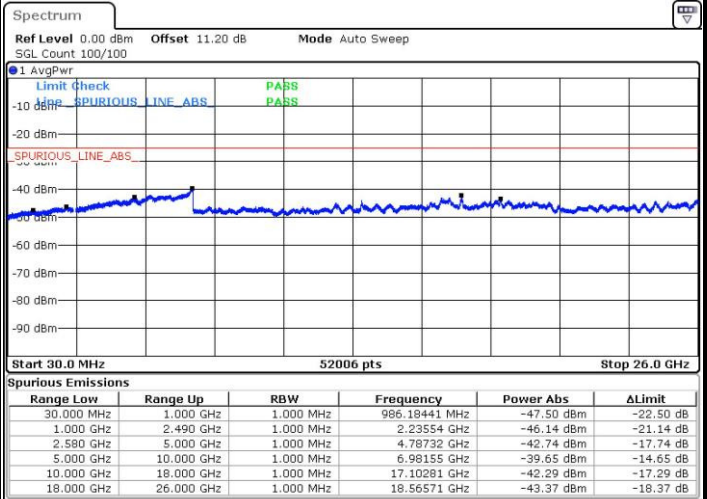
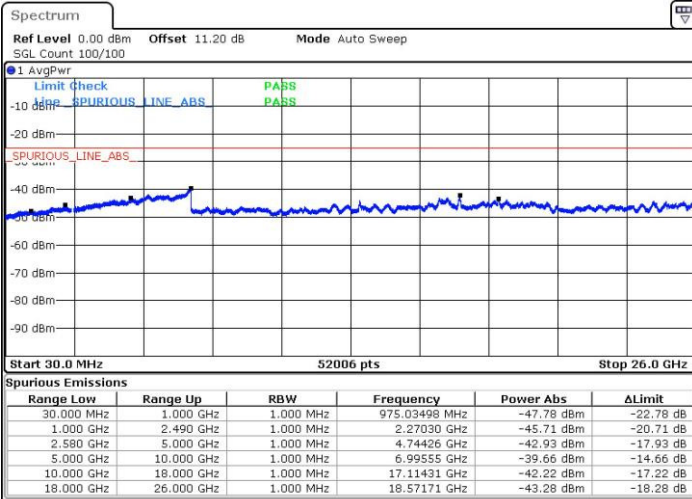


Date: 31.JUL.2016 17:09:28

Date: 31.JUL.2016 17:10:26

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.JUL.2016 17:16:51

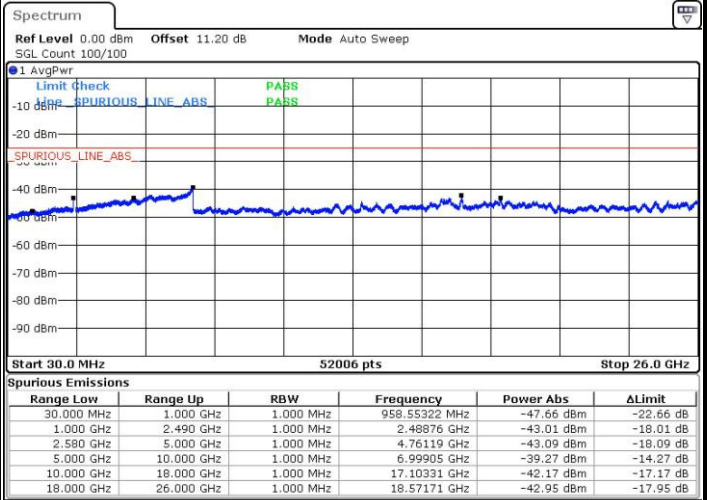
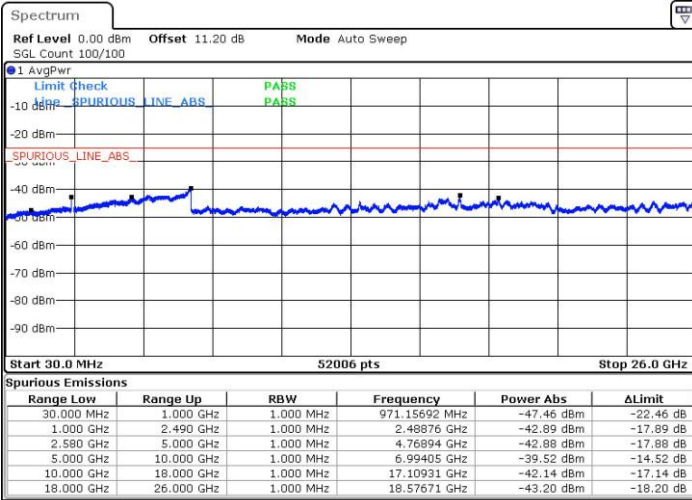
Date: 31.JUL.2016 17:17:49



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

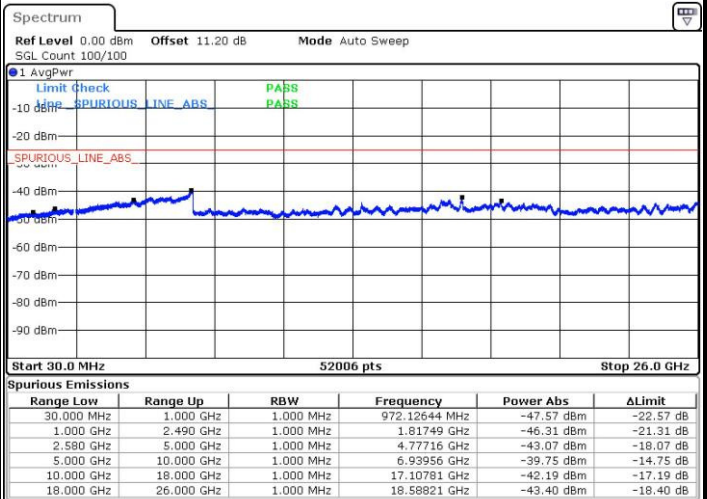
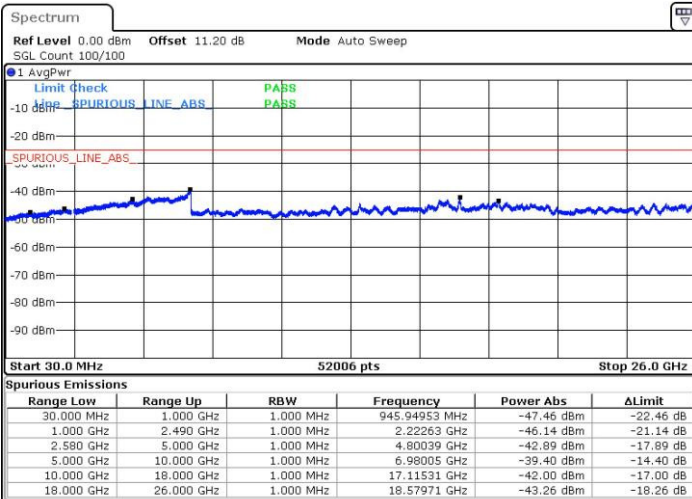


Date: 31.JUL.2016 17:26:48

Date: 31.JUL.2016 17:27:46

Middle Channel / QPSK

Middle Channel / 16QAM



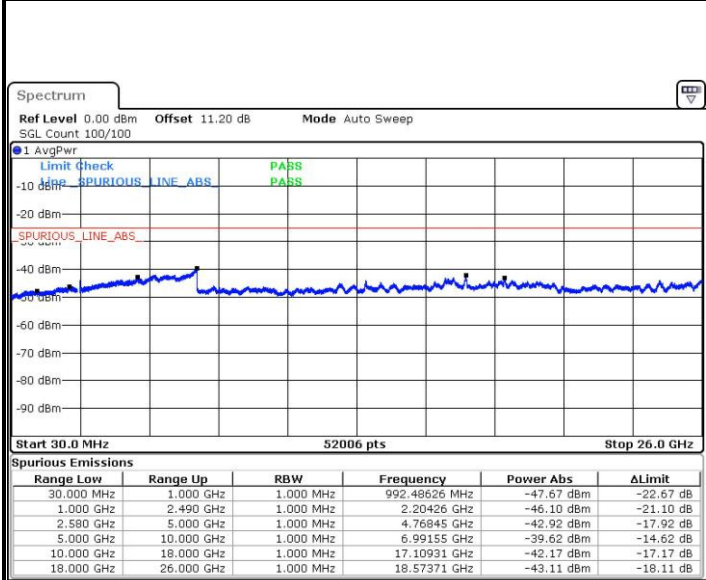
Date: 31.JUL.2016 17:29:32

Date: 31.JUL.2016 17:30:30



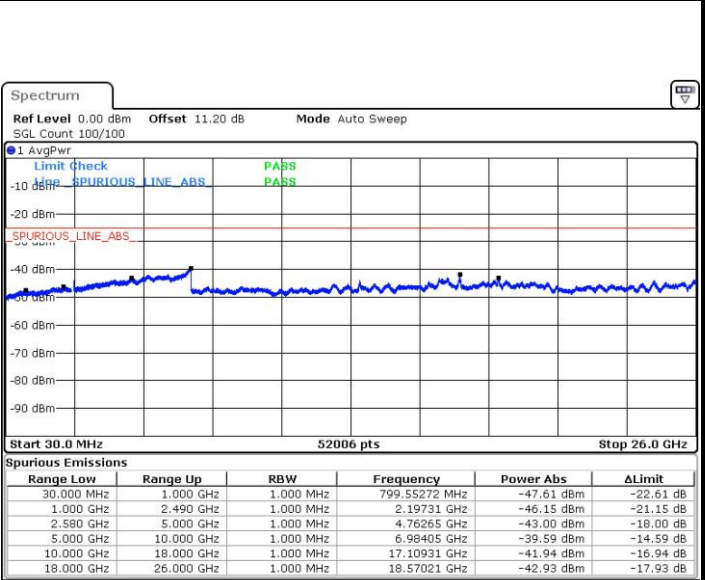
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 31.JUL.2016 17:36:55

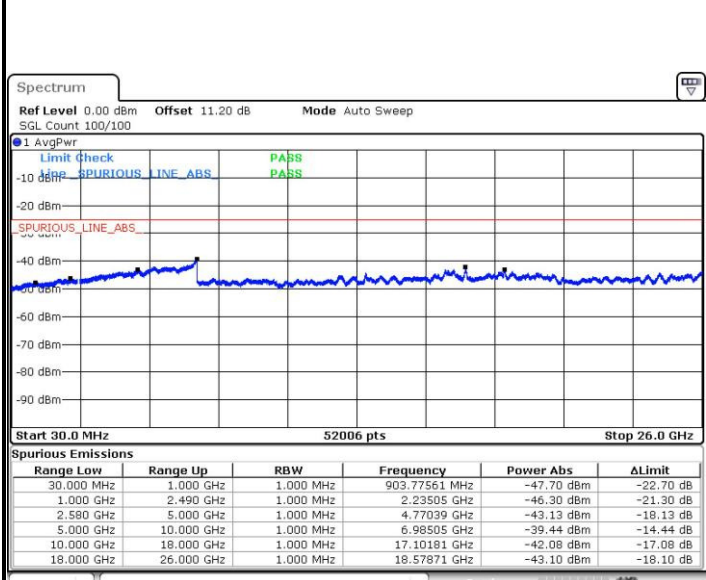
Highest Channel / 16QAM



Date: 31.JUL.2016 17:37:53

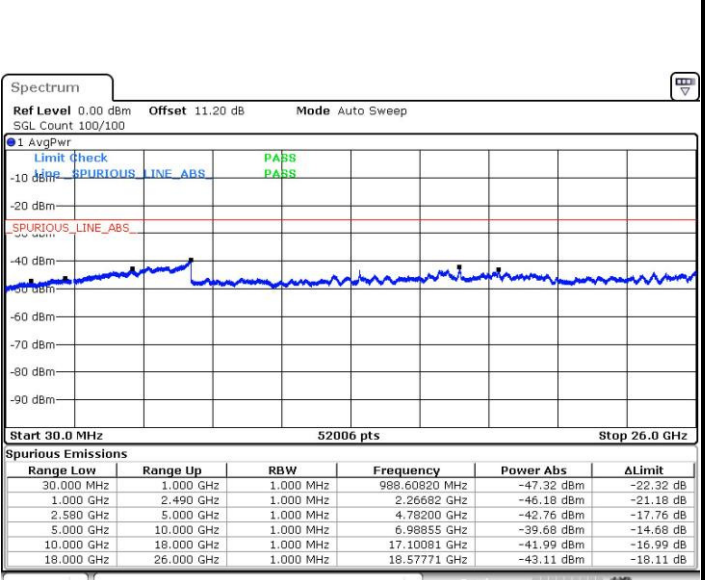
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 31.JUL.2016 17:44:56

Lowest Channel / 16QAM



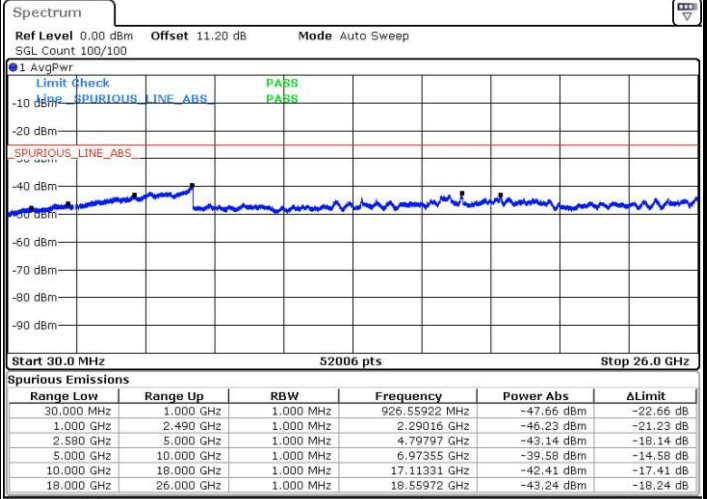
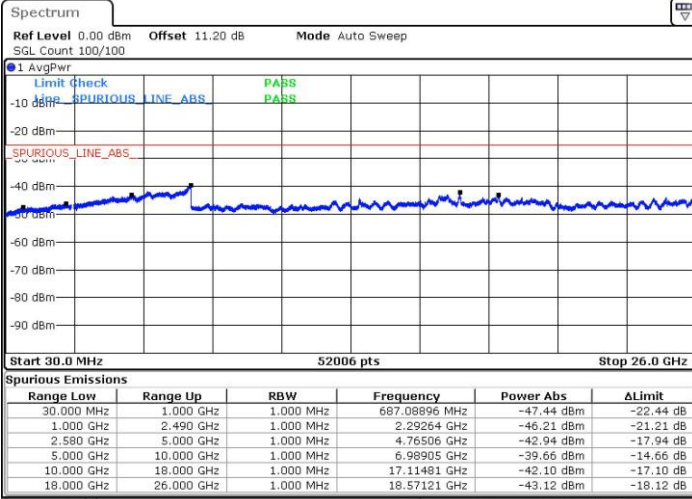
Date: 31.JUL.2016 17:45:54



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

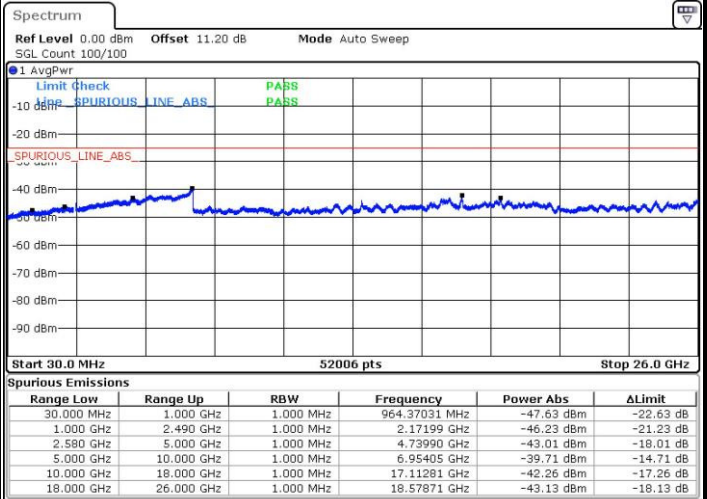
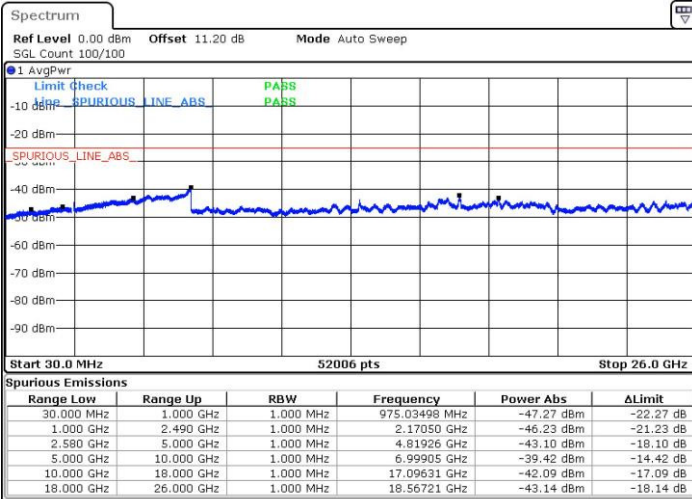


Date: 31.JUL.2016 17:47:39

Date: 31.JUL.2016 17:48:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.JUL.2016 17:55:03

Date: 31.JUL.2016 17:56:00



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	0.0101	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0106	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0104	
0	Normal Voltage	0.0105	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0109	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 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	3.62	4.67	4.78	5.54	PASS
Middle CH	3.57	4.64	4.67	5.65	
Highest CH	3.62	4.49	4.96	5.68	