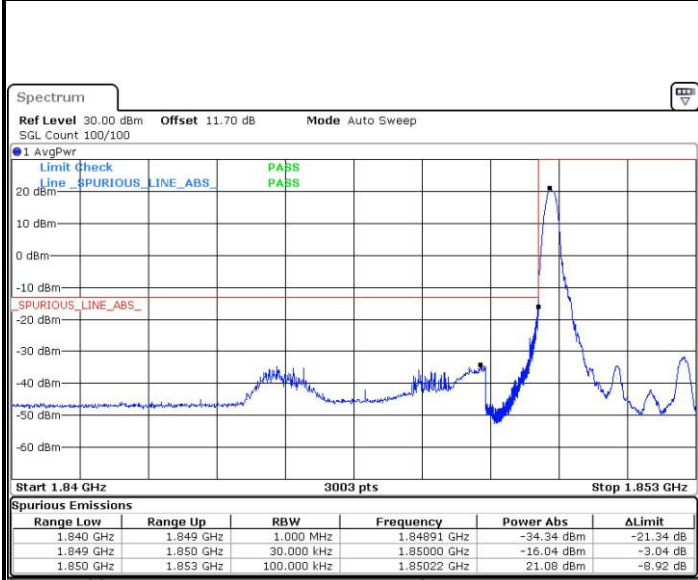




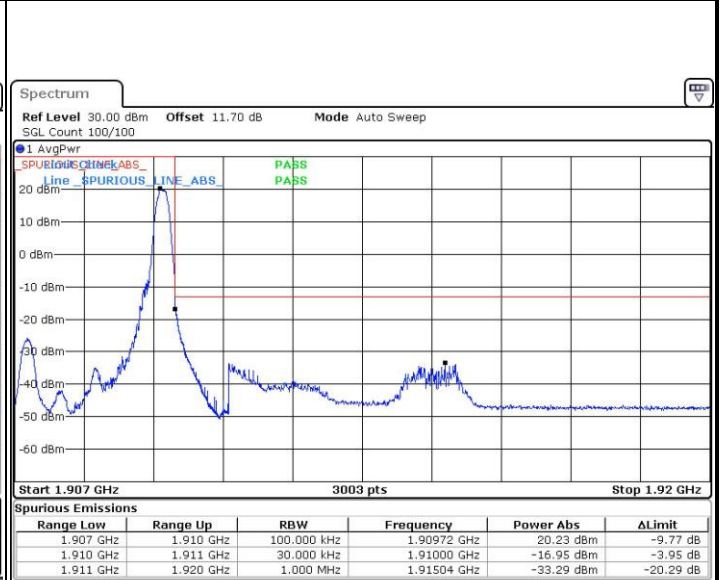
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



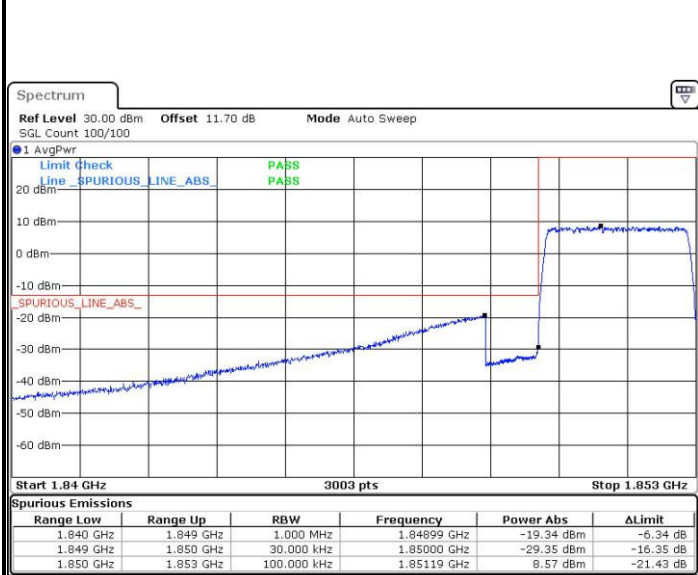
Date: 6.DEC.2016 10:06:28

Highest Band Edge / 1 RB



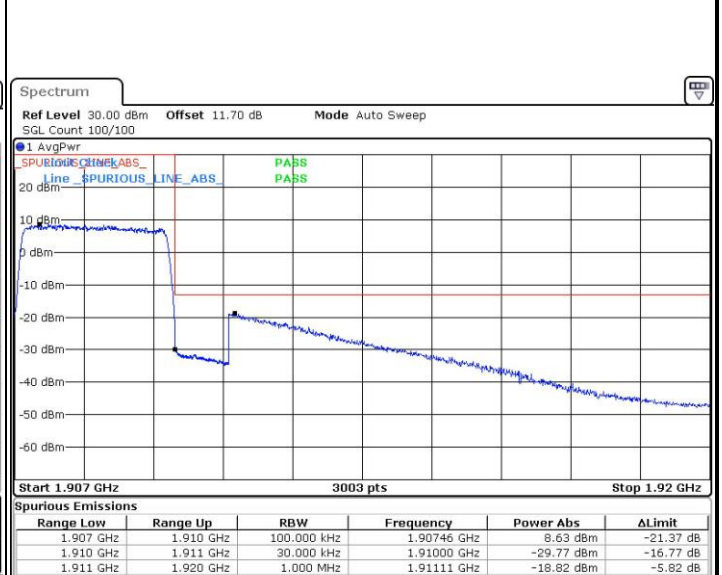
Date: 6.DEC.2016 10:16:34

Lowest Band Edge / Full RB



Date: 6.DEC.2016 10:08:48

Highest Band Edge / Full RB

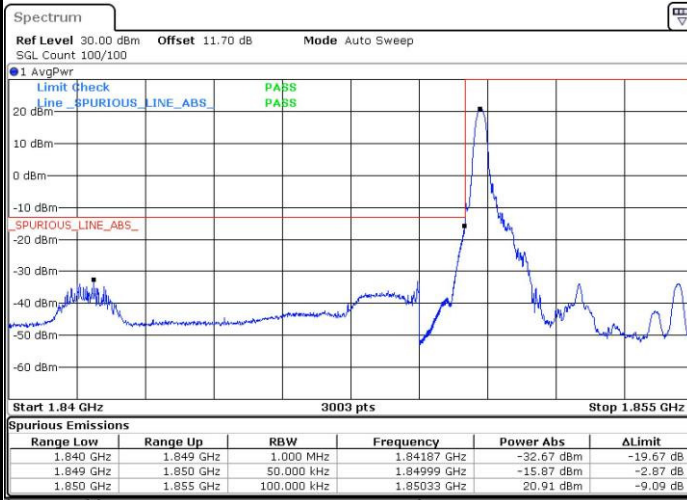


Date: 6.DEC.2016 10:18:53



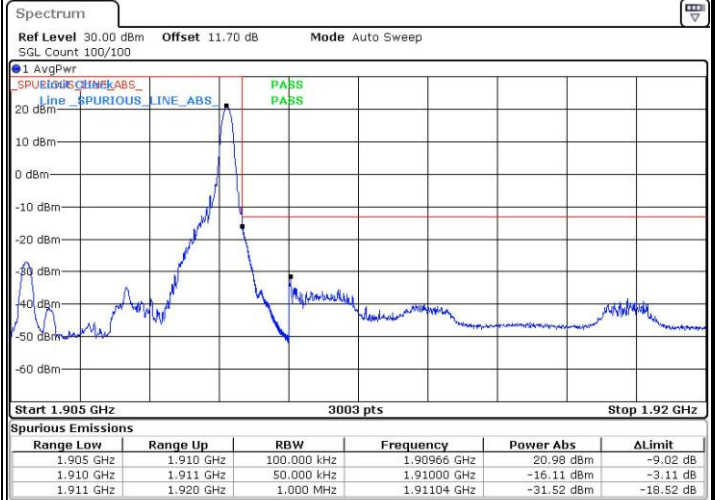
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



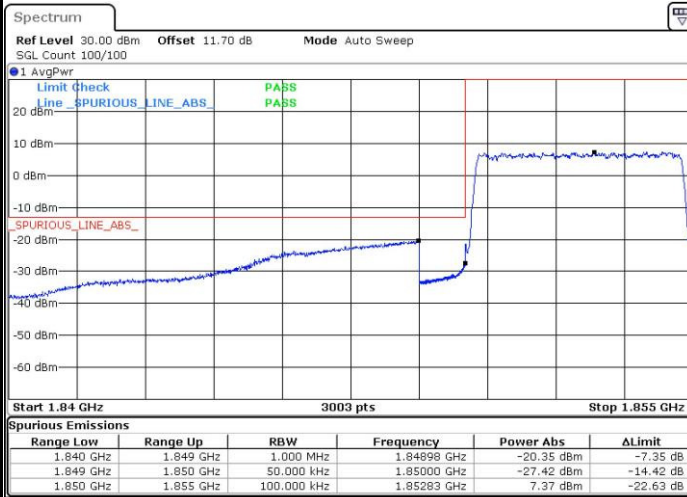
Date: 6.DEC.2016 10:22:46

Highest Band Edge / 1 RB



Date: 6.DEC.2016 10:32:51

Lowest Band Edge / Full RB



Date: 6.DEC.2016 10:25:04

Highest Band Edge / Full RB

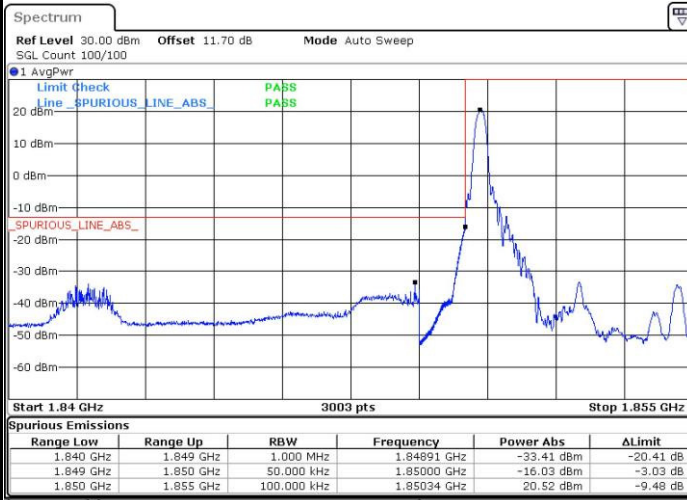


Date: 6.DEC.2016 10:35:10



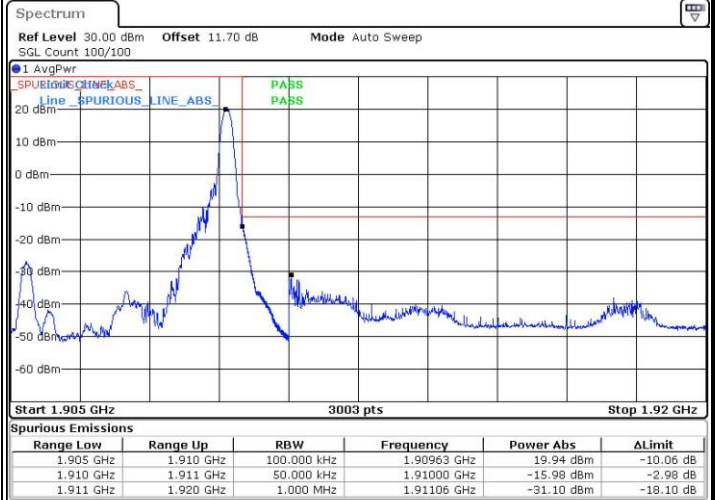
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



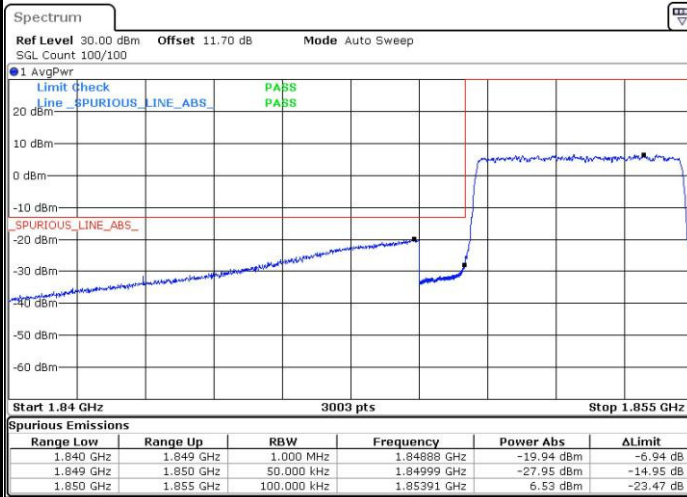
Date: 6.DEC.2016 10:23:55

Highest Band Edge / 1 RB



Date: 6.DEC.2016 10:34:00

Lowest Band Edge / Full RB



Date: 6.DEC.2016 10:26:14

Highest Band Edge / Full RB

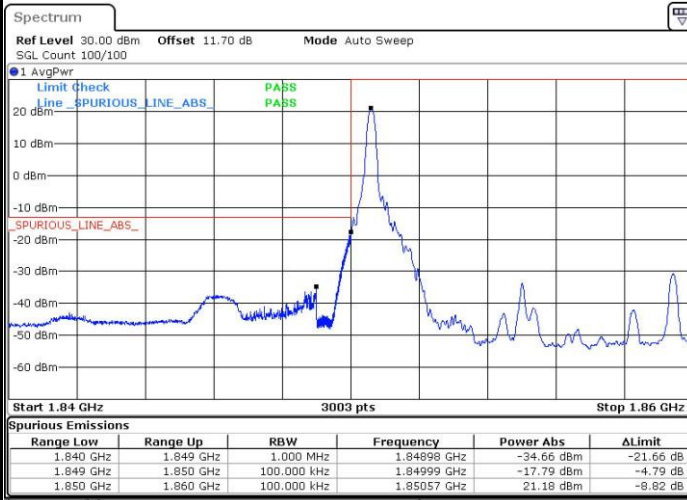


Date: 6.DEC.2016 10:36:19



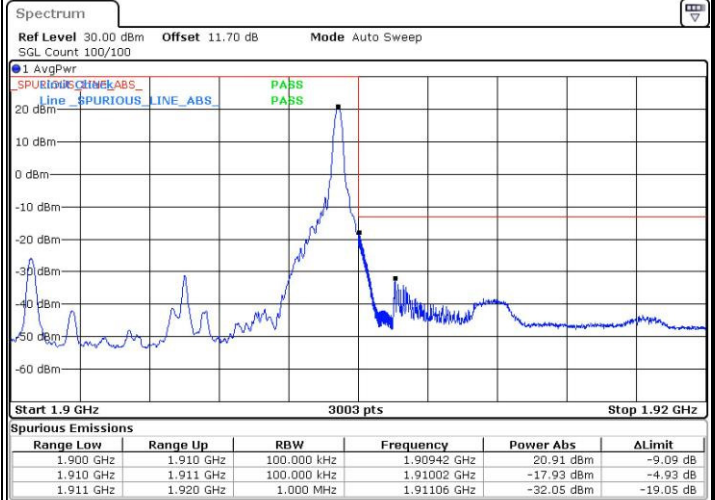
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



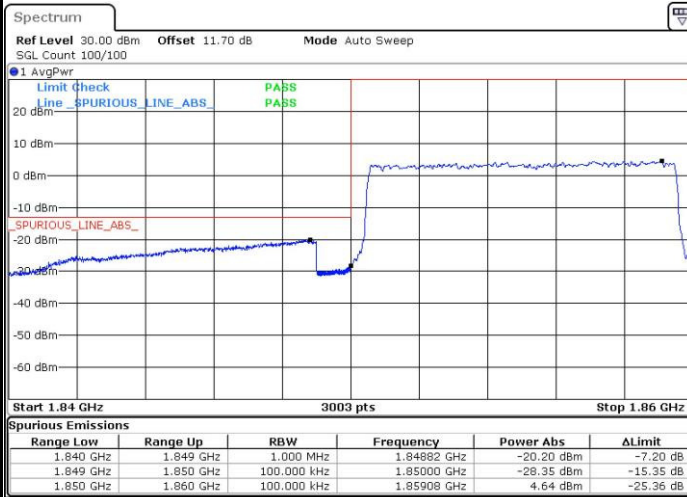
Date: 6.DEC.2016 10:40:12

Highest Band Edge / 1 RB



Date: 6.DEC.2016 10:50:17

Lowest Band Edge / Full RB

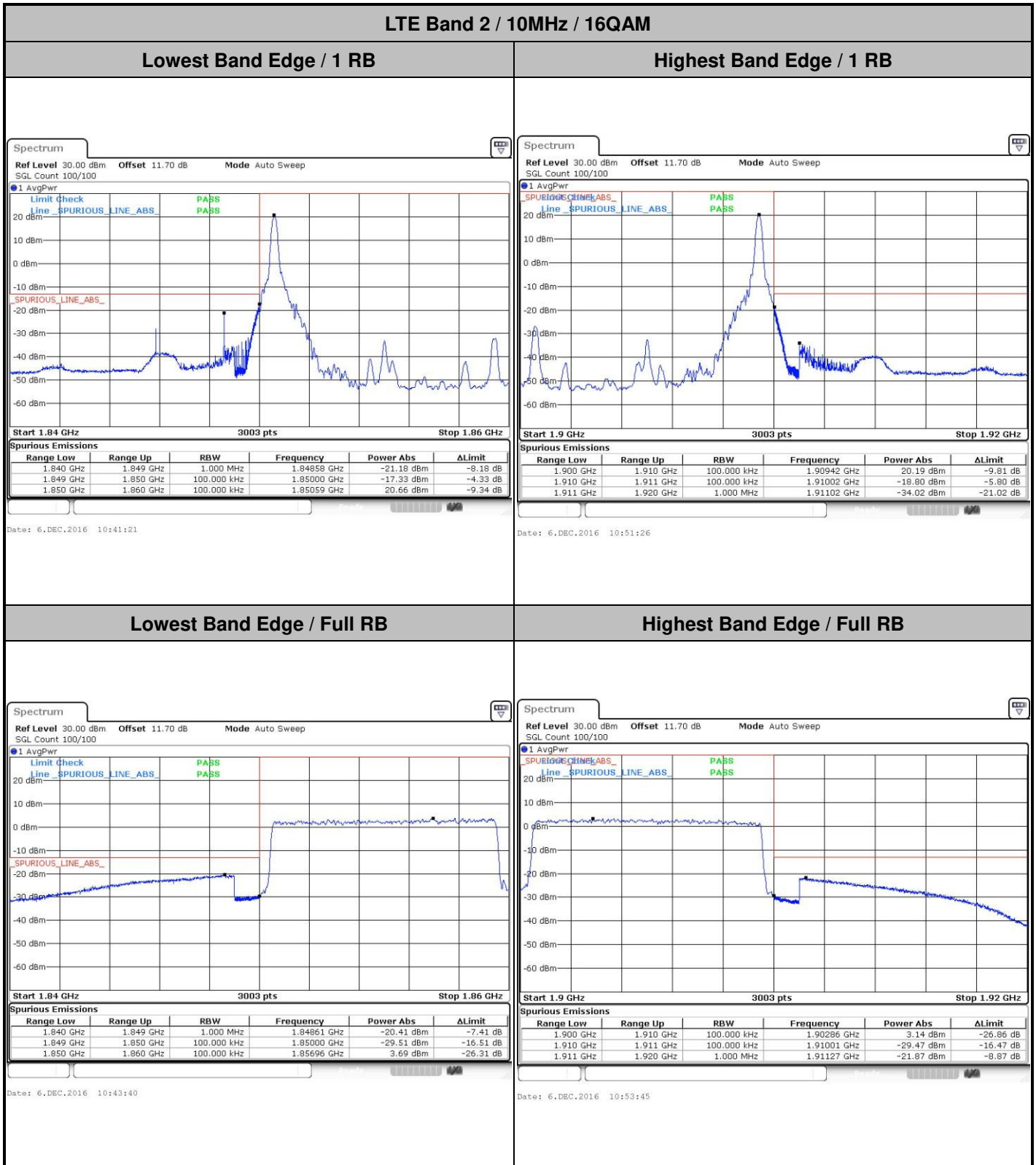


Date: 6.DEC.2016 10:42:31

Highest Band Edge / Full RB



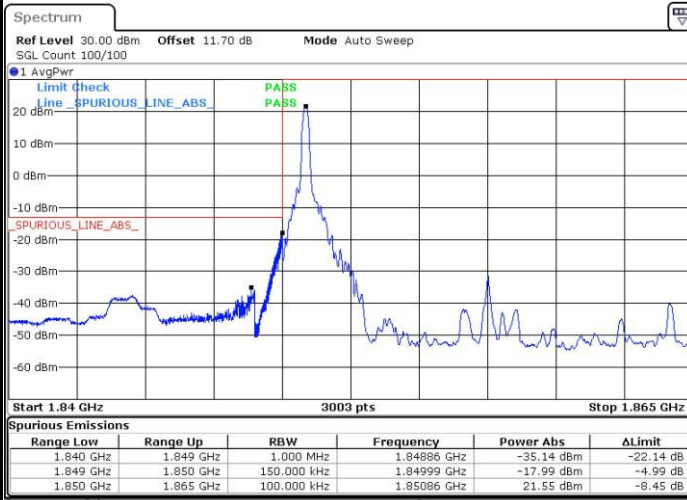
Date: 6.DEC.2016 10:52:36





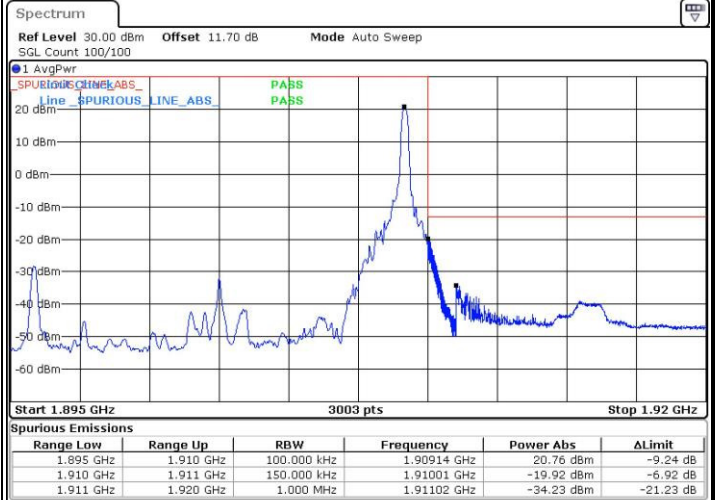
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



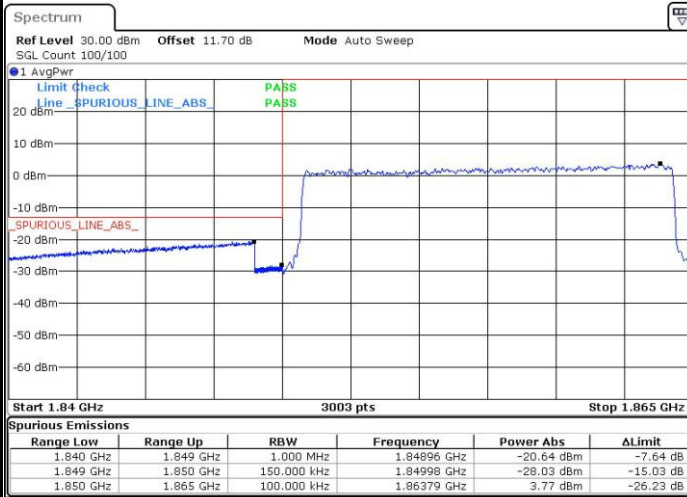
Date: 6.DEC.2016 11:11:22

Highest Band Edge / 1 RB



Date: 6.DEC.2016 11:21:28

Lowest Band Edge / Full RB



Date: 6.DEC.2016 11:13:41

Highest Band Edge / Full RB

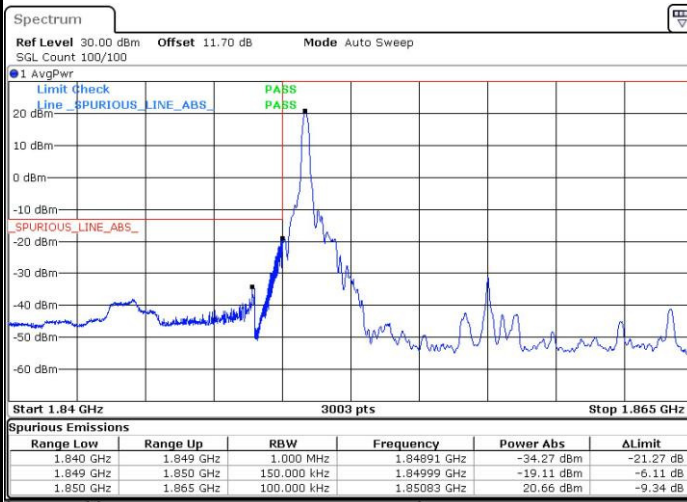


Date: 6.DEC.2016 11:23:47



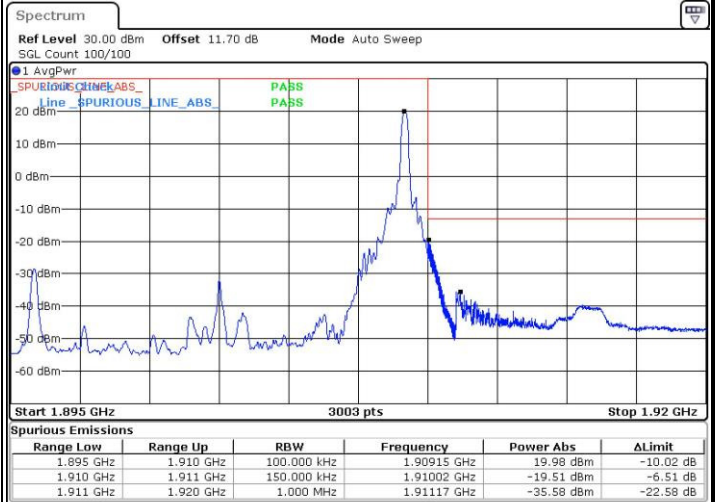
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



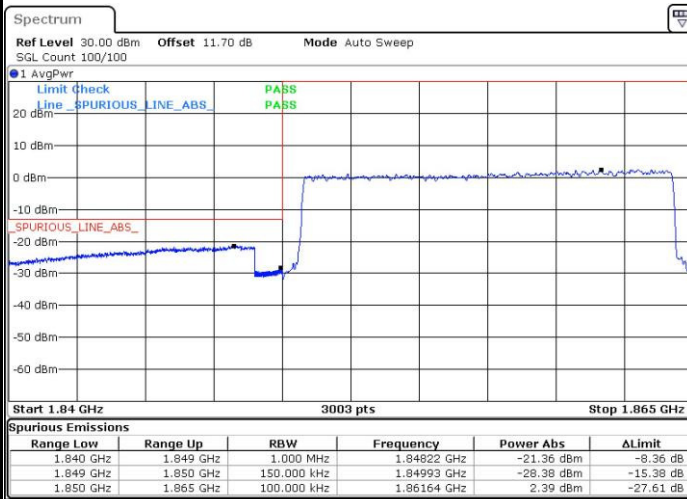
Date: 6.DEC.2016 11:12:31

Highest Band Edge / 1 RB



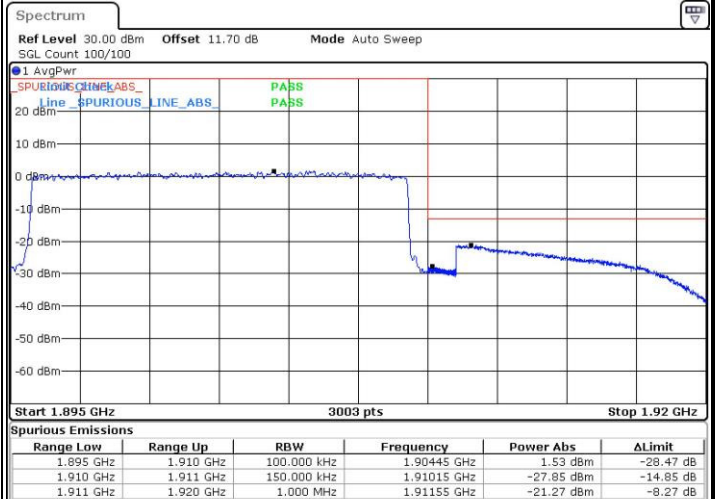
Date: 6.DEC.2016 11:22:37

Lowest Band Edge / Full RB



Date: 6.DEC.2016 11:14:50

Highest Band Edge / Full RB

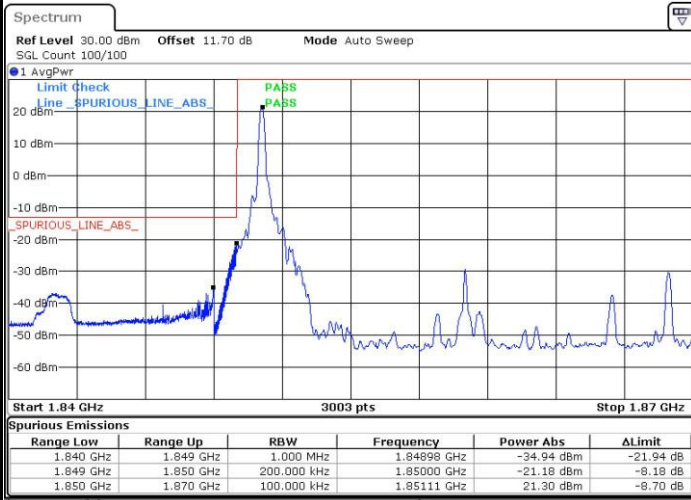


Date: 6.DEC.2016 11:24:56



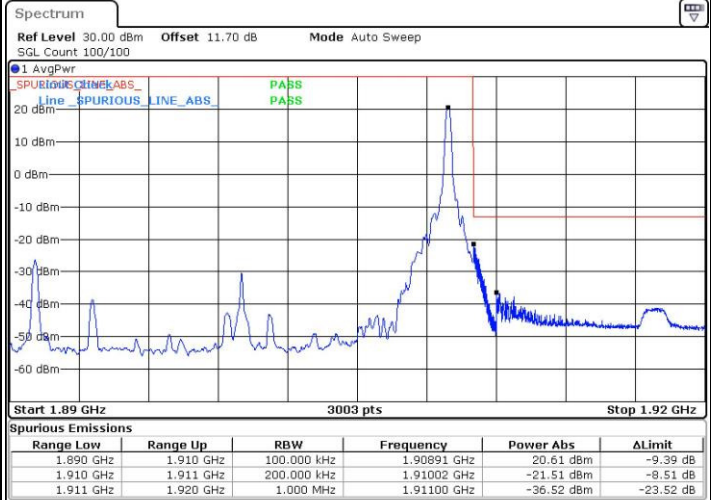
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



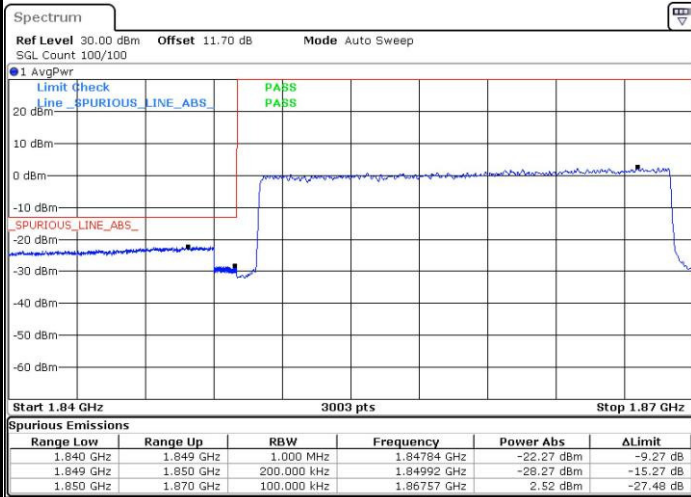
Date: 6.DEC.2016 11:28:49

Highest Band Edge / 1 RB



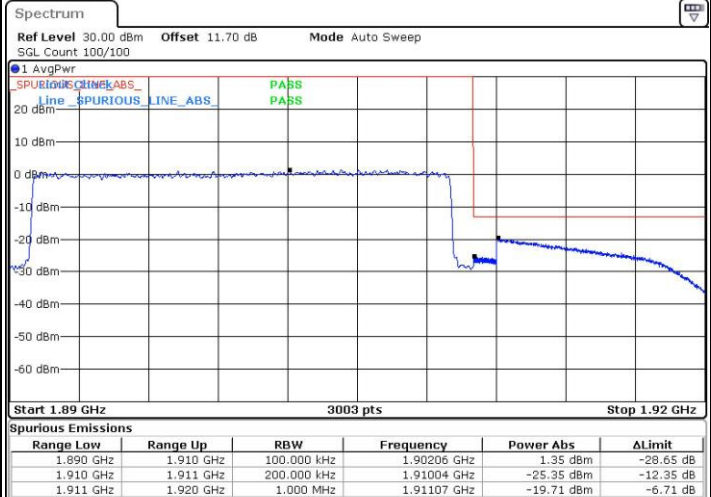
Date: 6.DEC.2016 11:41:41

Lowest Band Edge / Full RB



Date: 6.DEC.2016 11:33:54

Highest Band Edge / Full RB

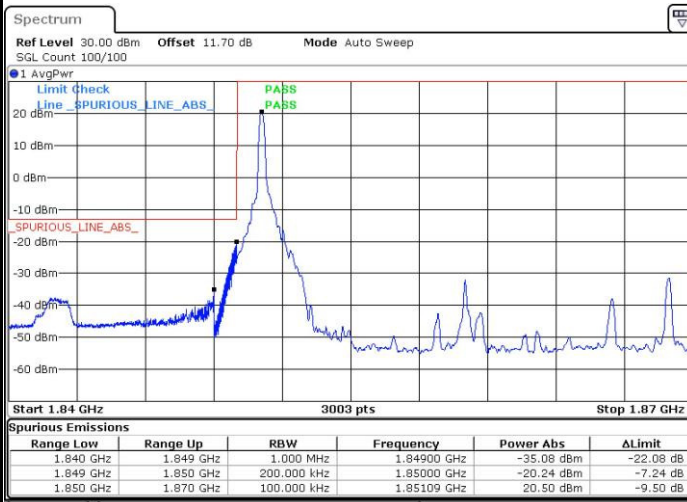


Date: 6.DEC.2016 11:44:11



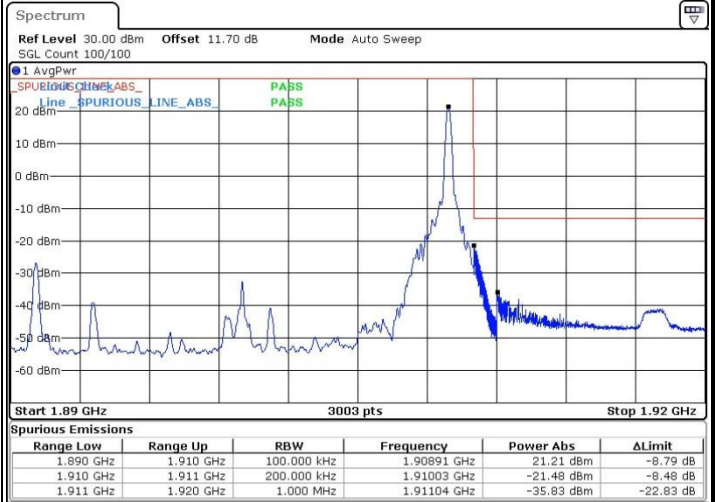
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



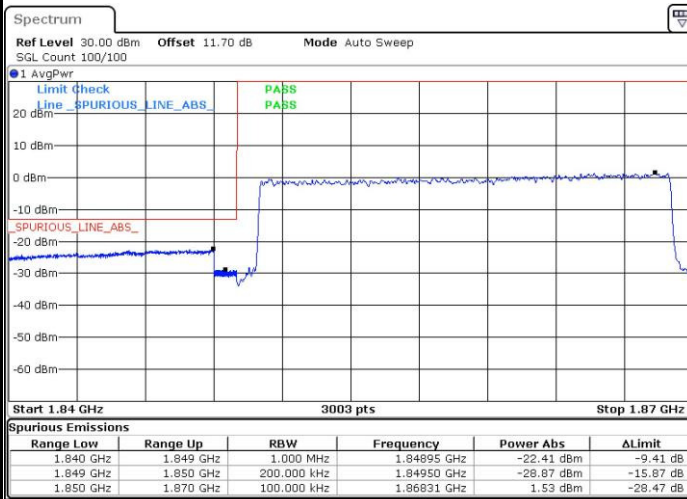
Date: 6.DEC.2016 11:32:45

Highest Band Edge / 1 RB



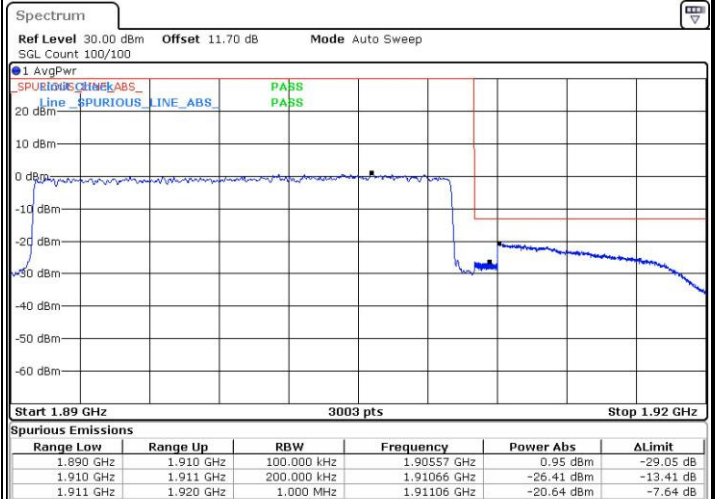
Date: 6.DEC.2016 11:43:01

Lowest Band Edge / Full RB



Date: 6.DEC.2016 11:35:04

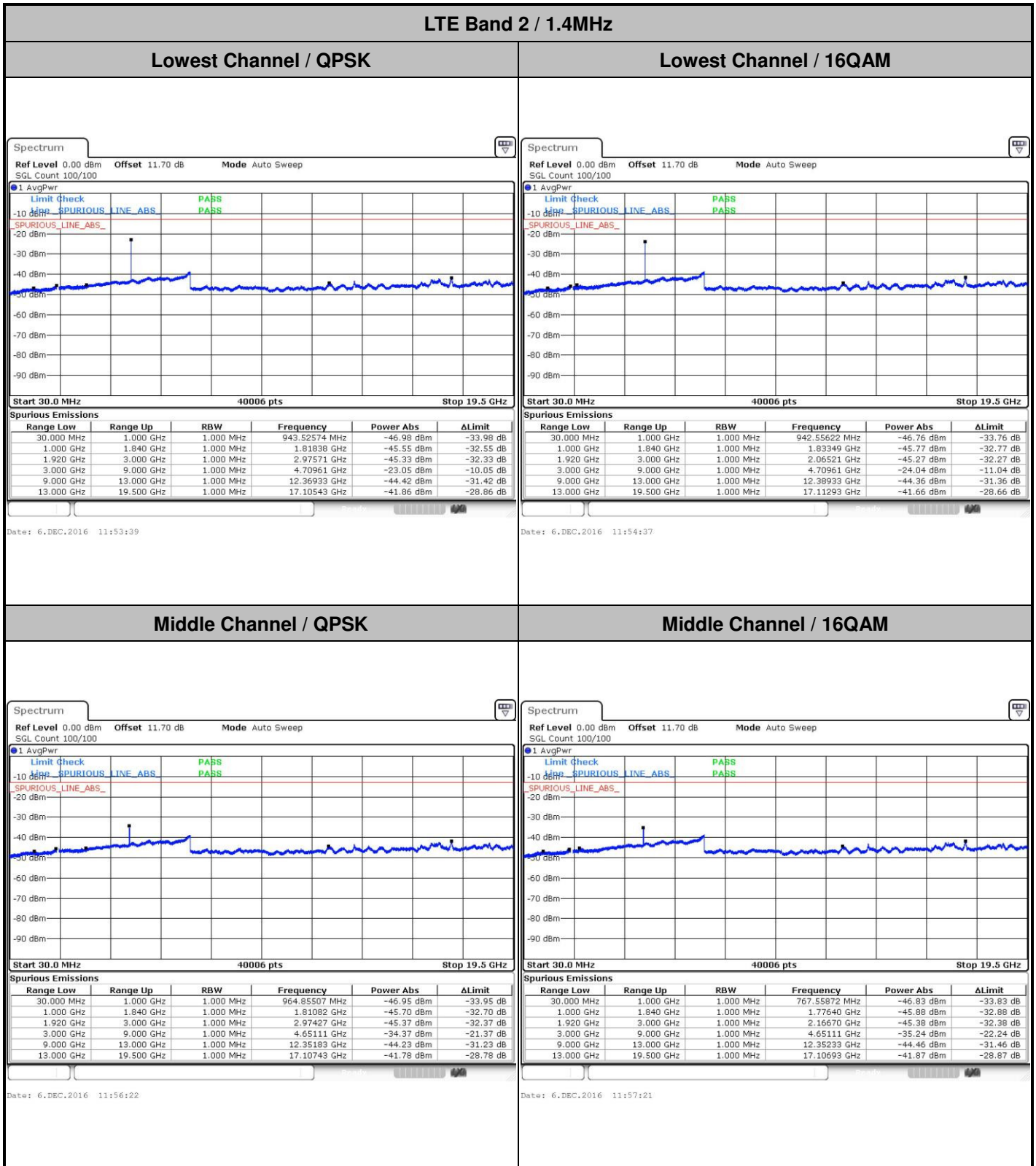
Highest Band Edge / Full RB



Date: 6.DEC.2016 11:45:20



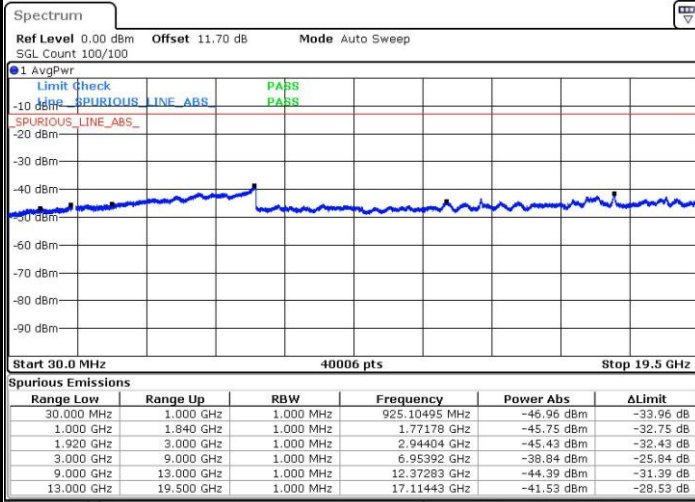
Conducted Spurious Emission





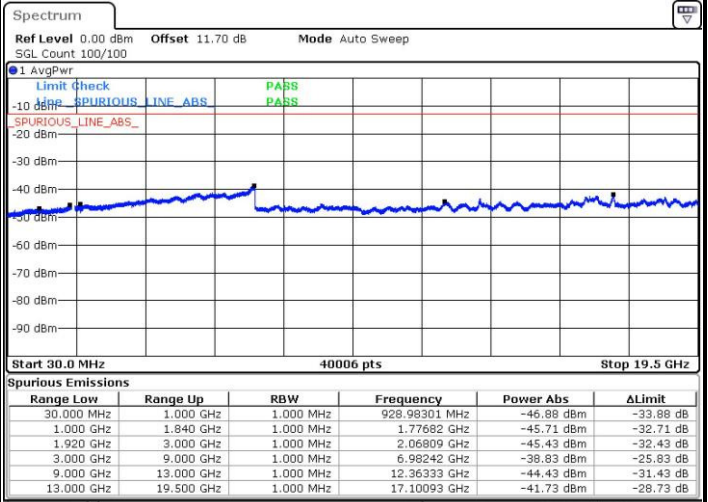
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 6.DEC.2016 12:03:44

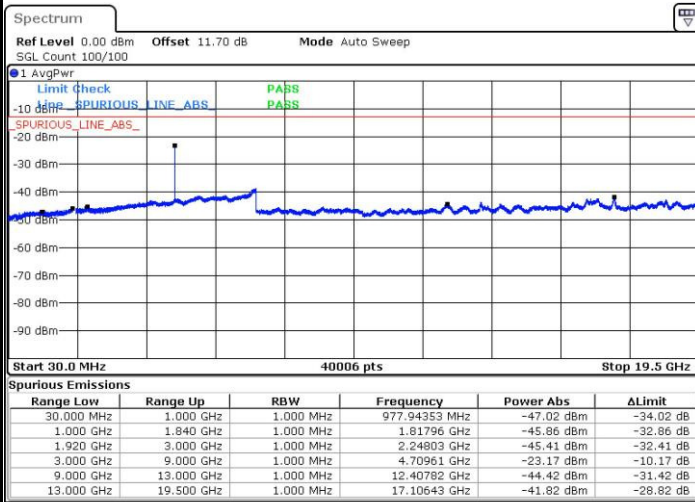
Highest Channel / 16QAM



Date: 6.DEC.2016 12:04:42

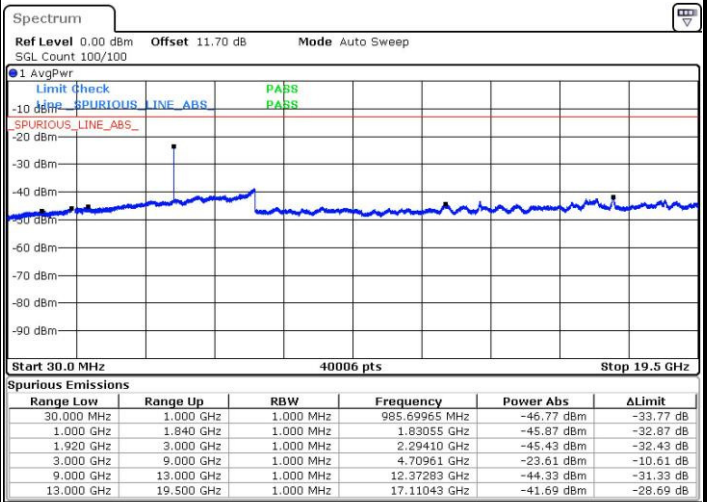
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 6.DEC.2016 10:09:45

Lowest Channel / 16QAM



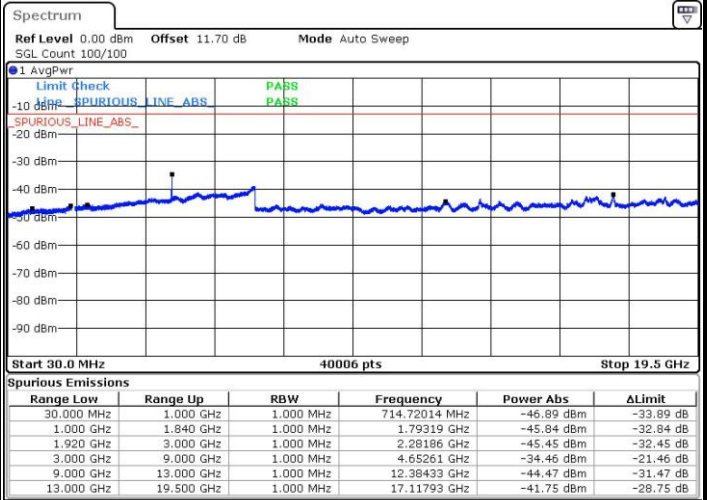
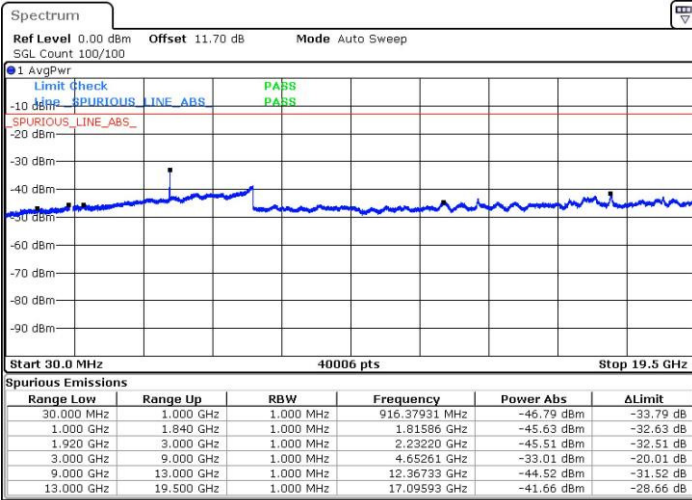
Date: 6.DEC.2016 10:10:44



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

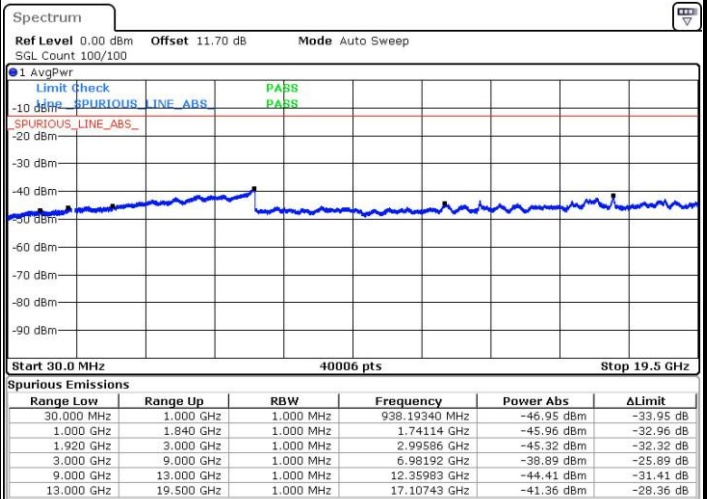
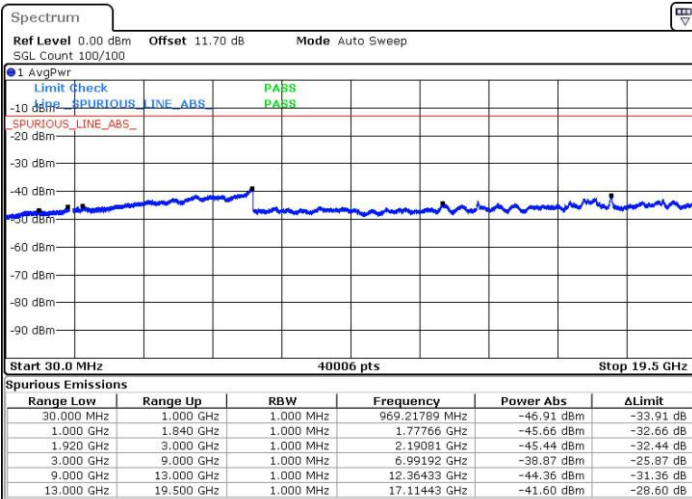


Date: 6.DEC.2016 10:12:29

Date: 6.DEC.2016 10:13:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6.DEC.2016 10:19:50

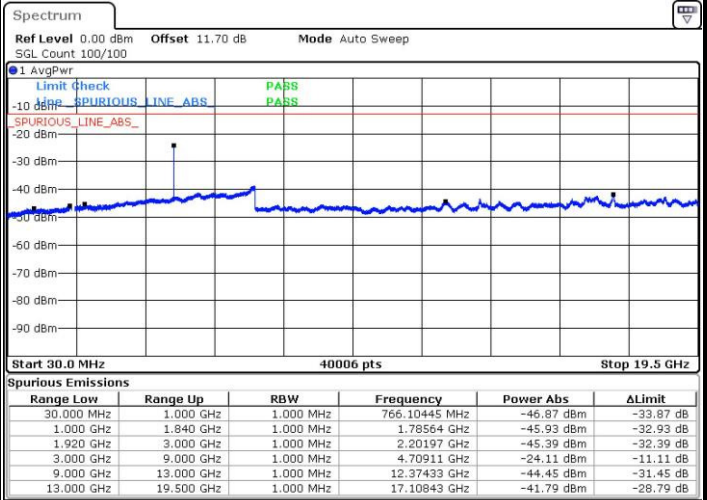
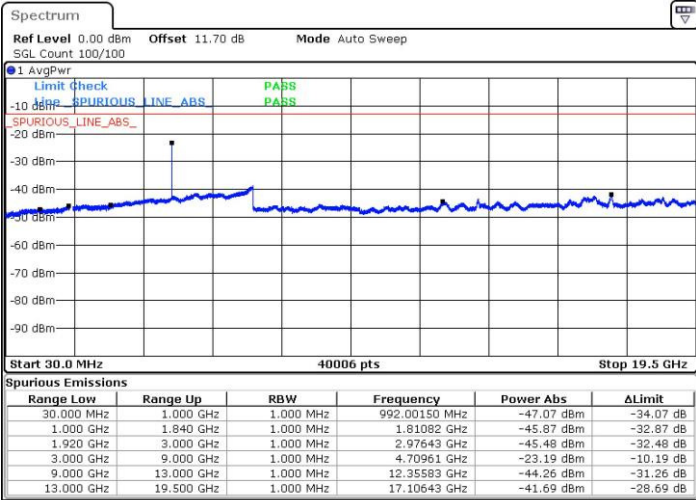
Date: 6.DEC.2016 10:20:48



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

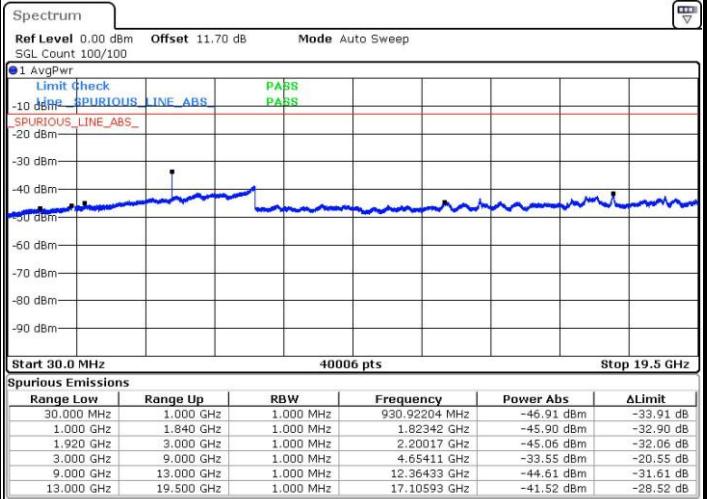
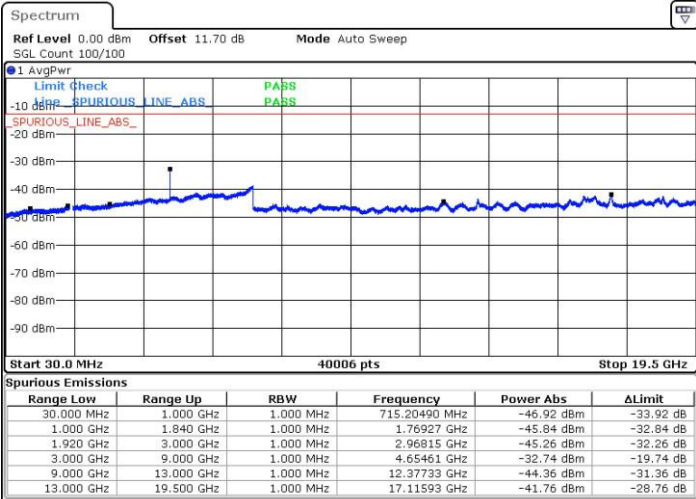


Date: 6.DEC.2016 10:27:11

Date: 6.DEC.2016 10:28:10

Middle Channel / QPSK

Middle Channel / 16QAM



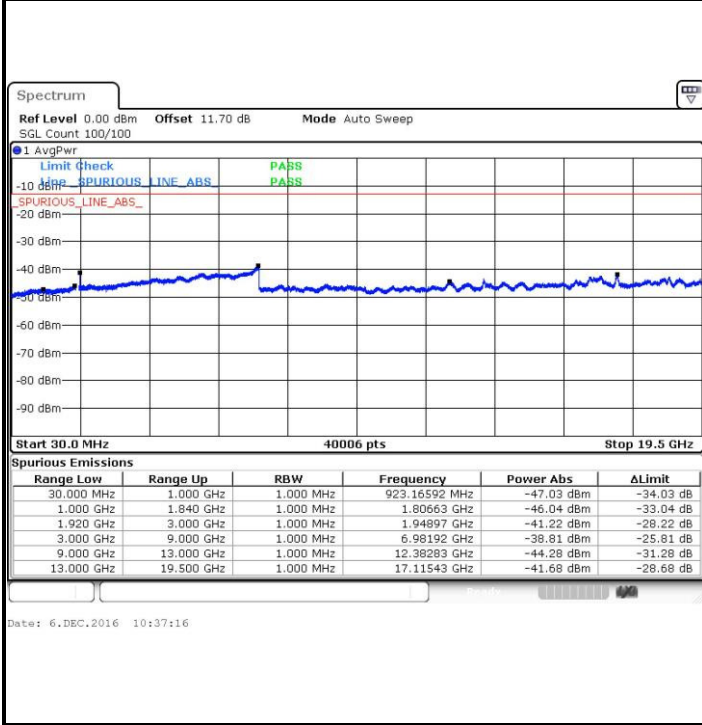
Date: 6.DEC.2016 10:29:59

Date: 6.DEC.2016 10:30:53

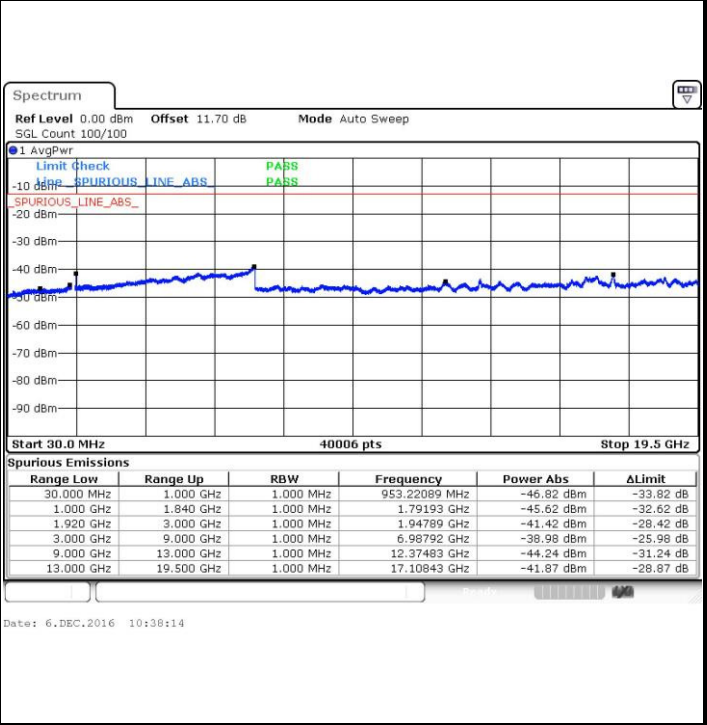


LTE Band 2 / 5MHz

Highest Channel / QPSK

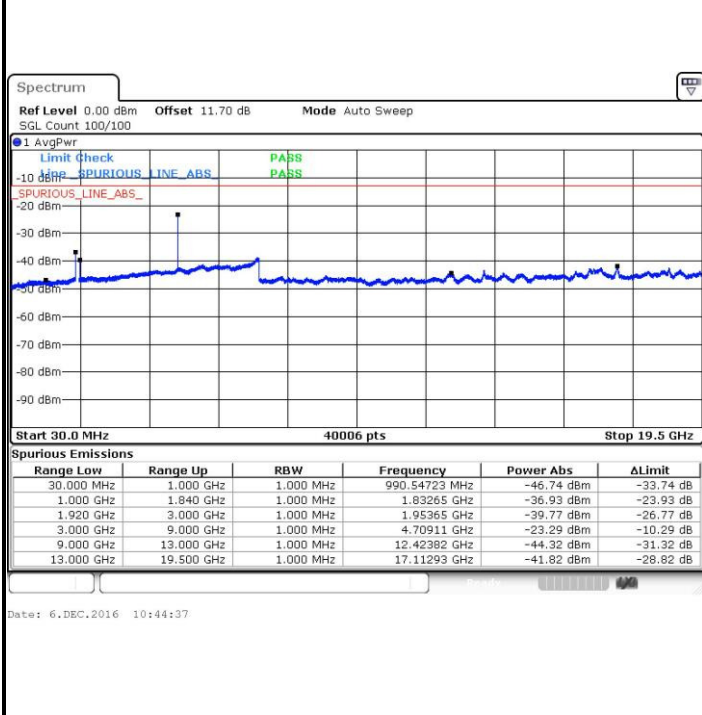


Highest Channel / 16QAM



LTE Band 2 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

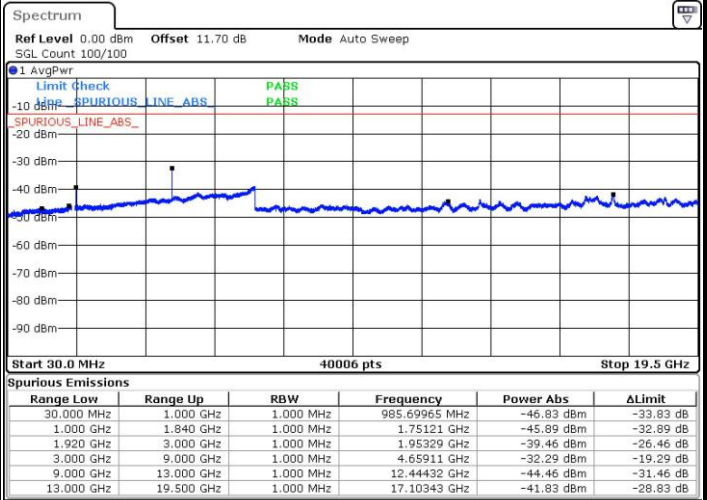
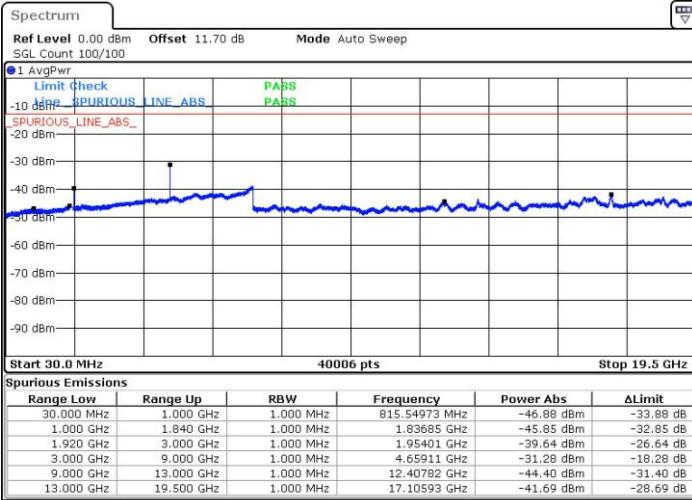




LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

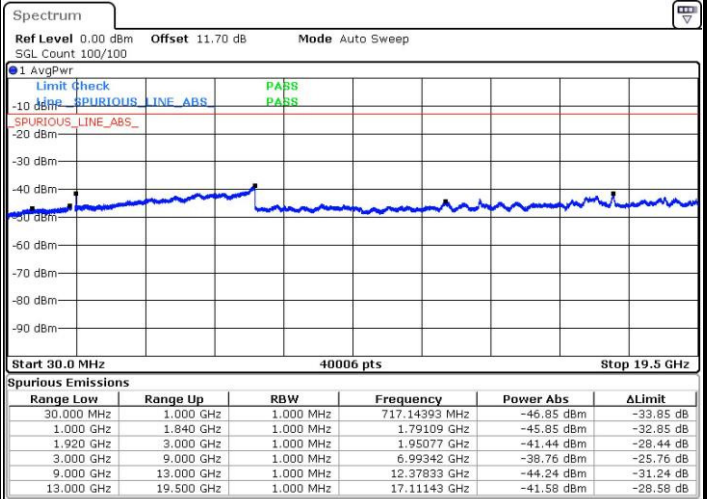
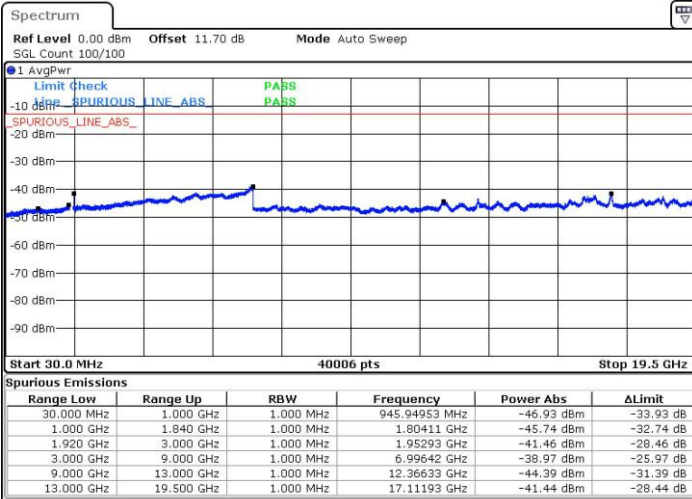


Date: 6.DEC.2016 10:47:21

Date: 6.DEC.2016 10:48:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6.DEC.2016 10:54:43

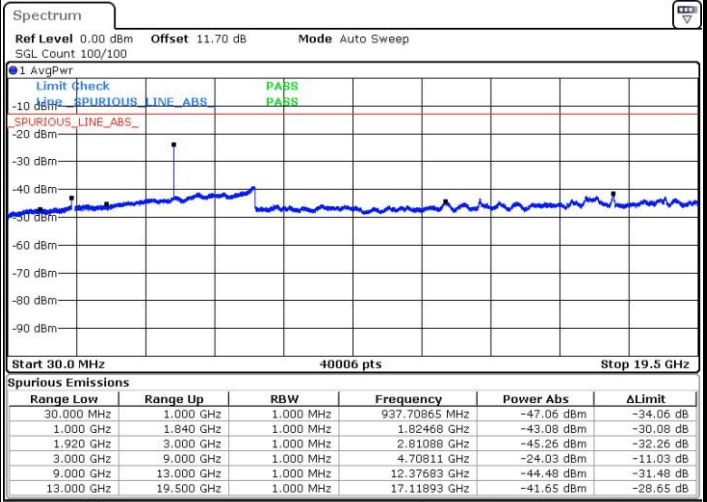
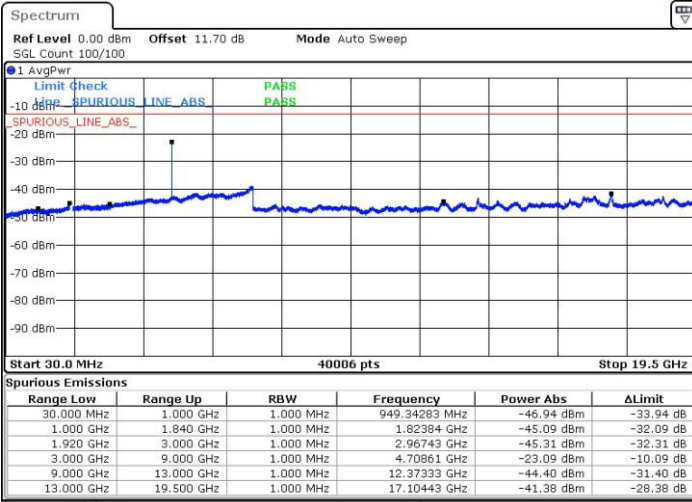
Date: 6.DEC.2016 10:55:41



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

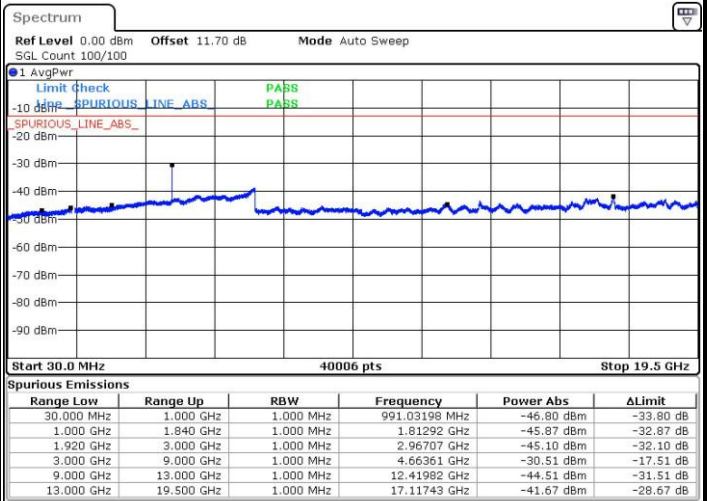
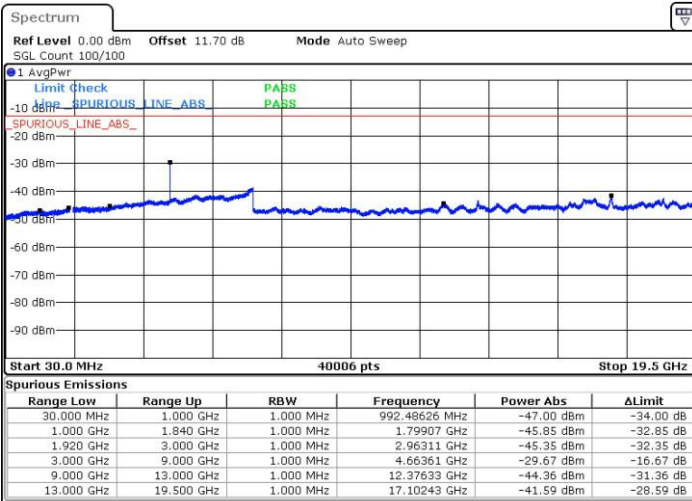


Date: 6.DEC.2016 11:15:48

Date: 6.DEC.2016 11:16:46

Middle Channel / QPSK

Middle Channel / 16QAM



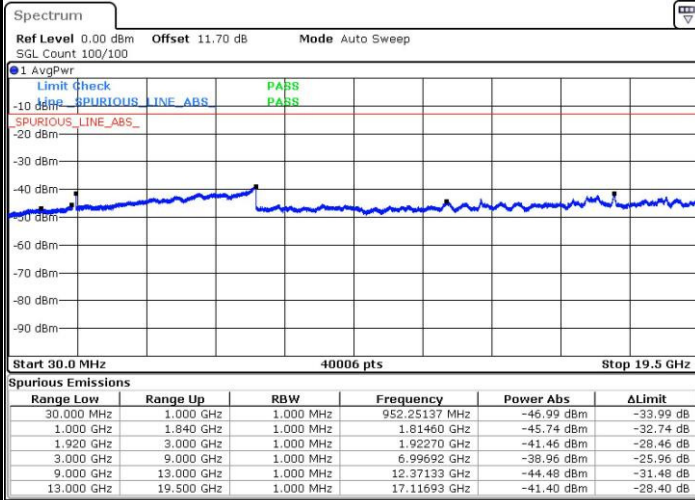
Date: 6.DEC.2016 11:18:32

Date: 6.DEC.2016 11:19:30



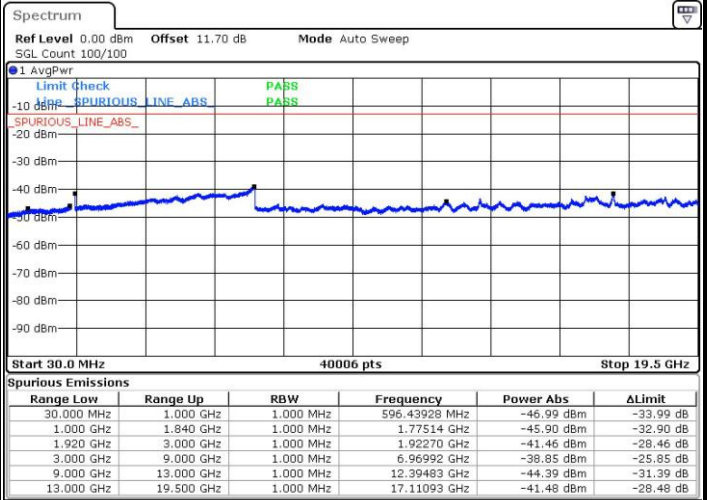
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 6.DEC.2016 11:25:53

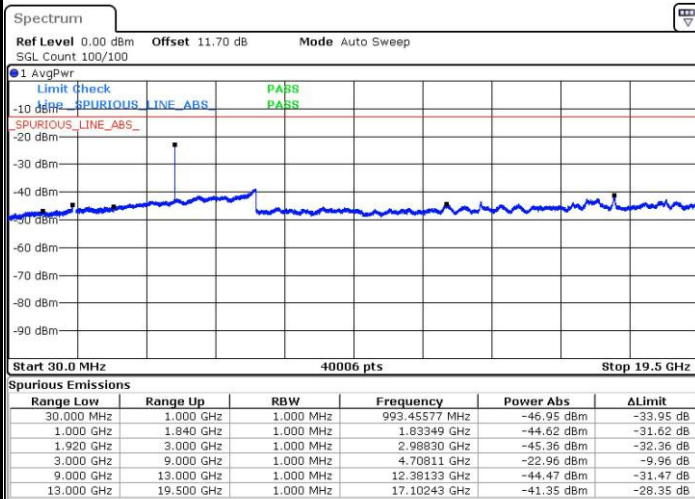
Highest Channel / 16QAM



Date: 6.DEC.2016 11:26:52

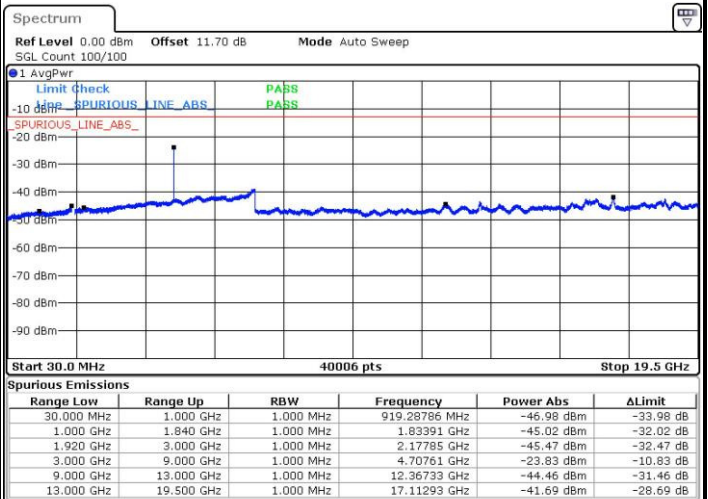
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 6.DEC.2016 11:36:01

Lowest Channel / 16QAM

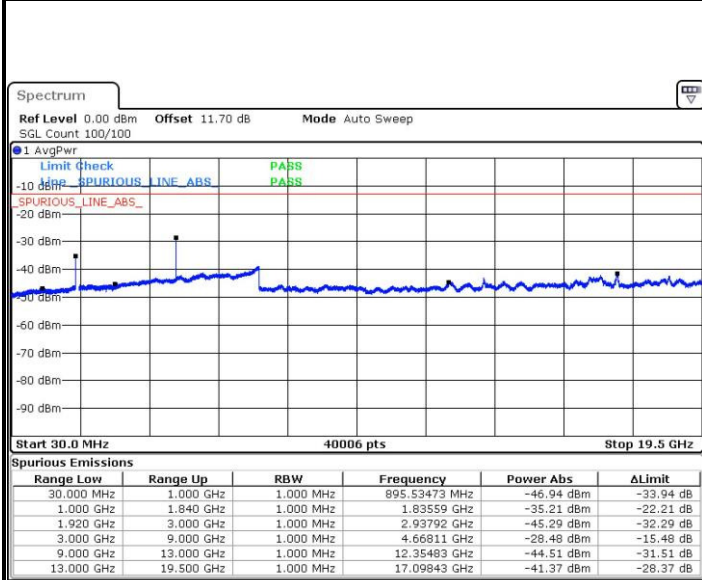


Date: 6.DEC.2016 11:36:59



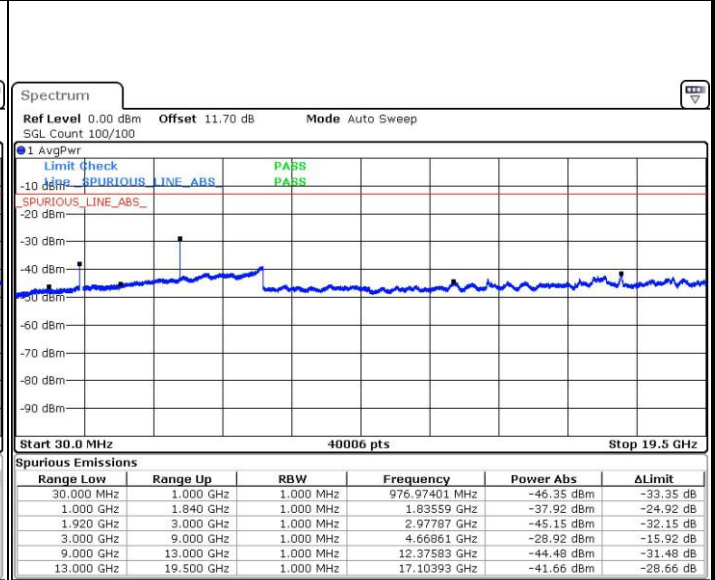
LTE Band 2 / 20MHz

Middle Channel / QPSK



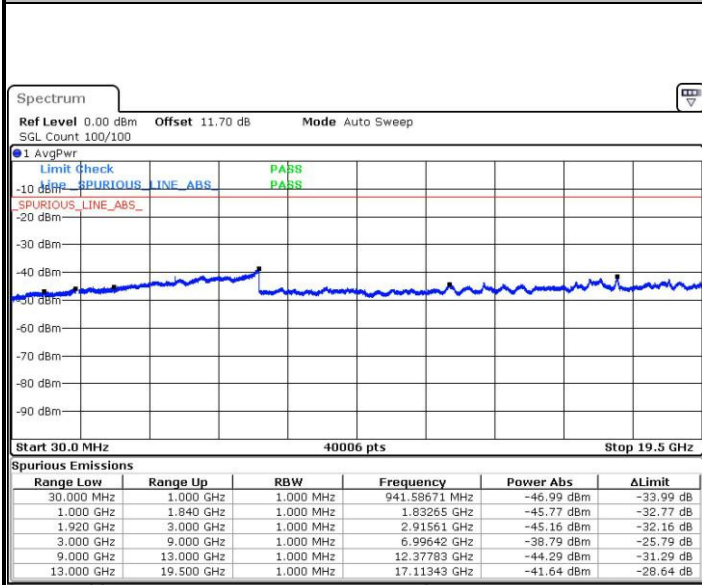
Date: 6.DEC.2016 11:38:45

Middle Channel / 16QAM



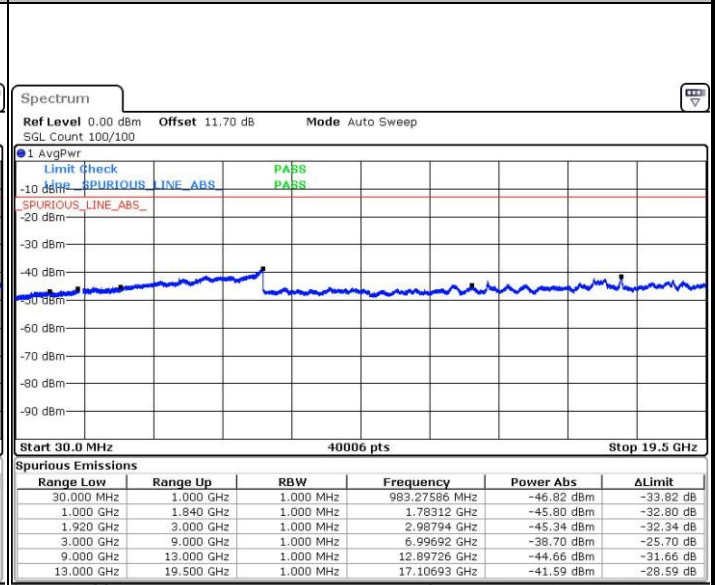
Date: 6.DEC.2016 11:39:43

Highest Channel / QPSK



Date: 6.DEC.2016 11:46:17

Highest Channel / 16QAM



Date: 6.DEC.2016 11:47:16



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0111	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0096	

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 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.93	4.46	5.74	PASS
Middle CH	4.32	5.07	5.33	5.83	
Highest CH	3.65	4.49	4.58	5.28	



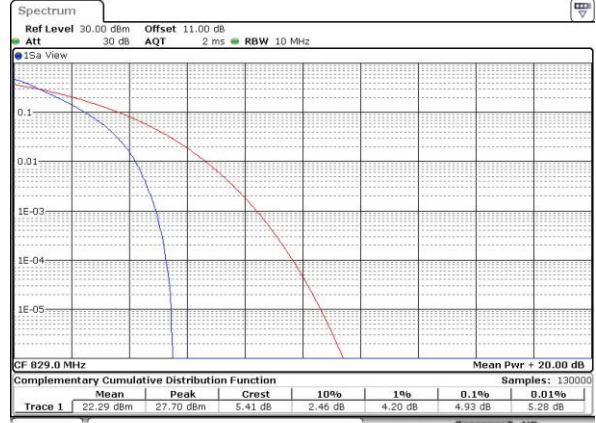
LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 6,DEC,2016 21:18:21

Lowest Channel / Full RB



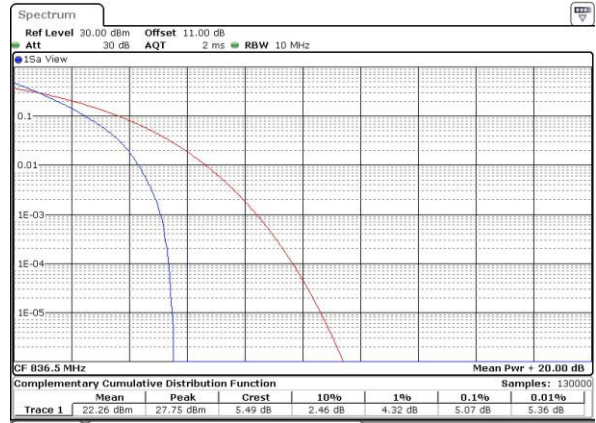
Date: 6,DEC,2016 21:18:50

Middle Channel / 1RB



Date: 6,DEC,2016 21:19:02

Middle Channel / Full RB



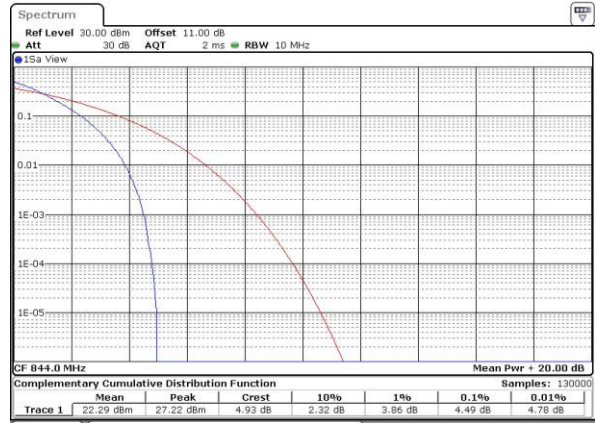
Date: 6,DEC,2016 21:19:23

Highest Channel / 1RB



Date: 6,DEC,2016 21:19:58

Highest Channel / Full RB



Date: 6,DEC,2016 21:20:38