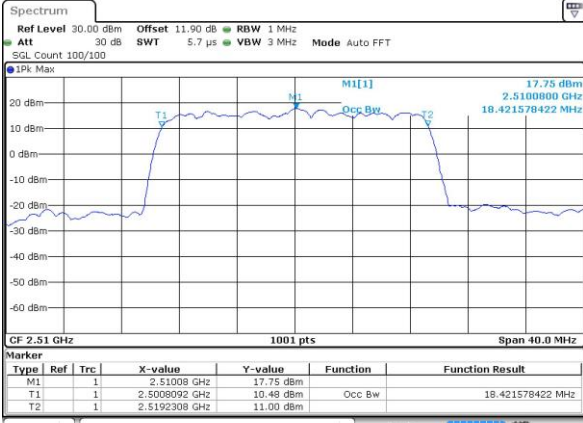




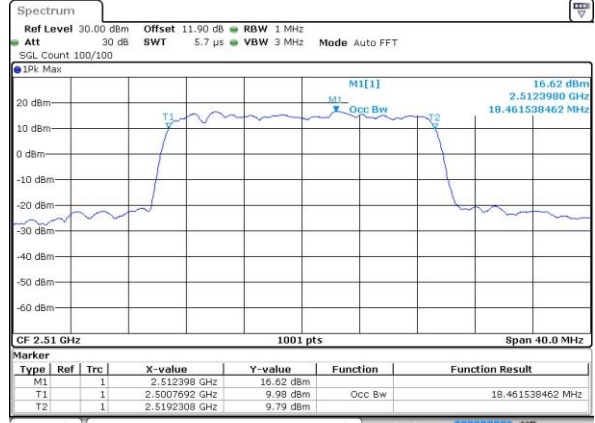
LTE Band 7

Lowest Channel / 20MHz / QPSK



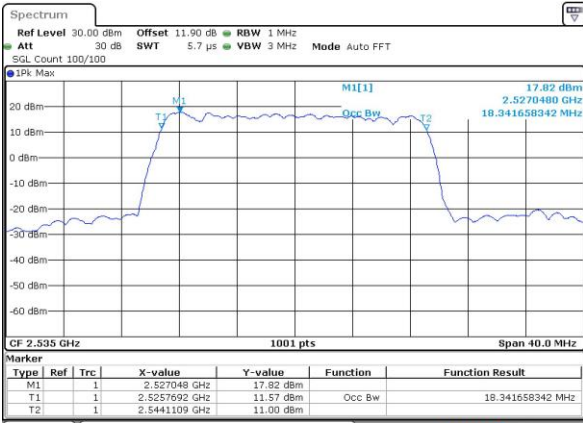
Date: 1 MAR 2017 10:23:56

Lowest Channel / 20MHz / 16QAM



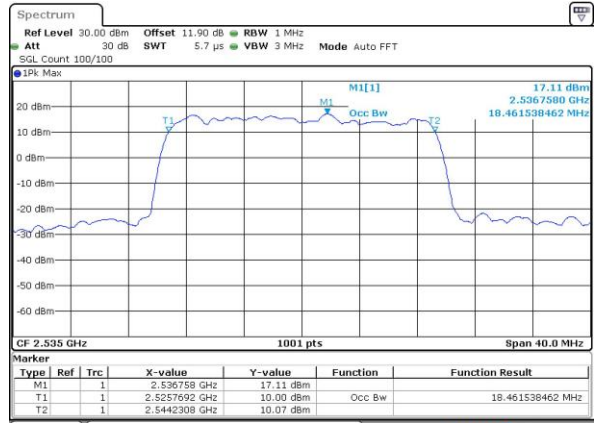
Date: 1 MAR 2017 10:24:07

Middle Channel / 20MHz / QPSK



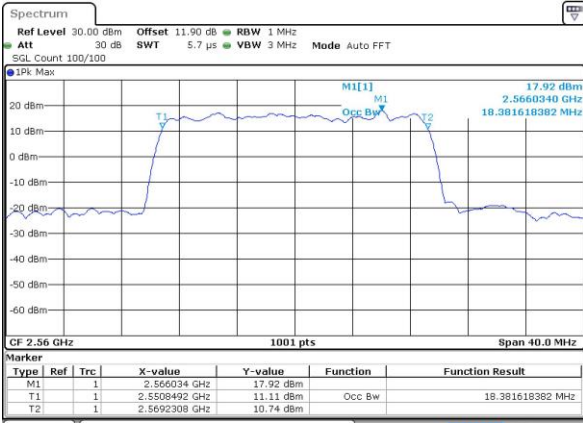
Date: 1 MAR 2017 10:31:04

Middle Channel / 20MHz / 16QAM



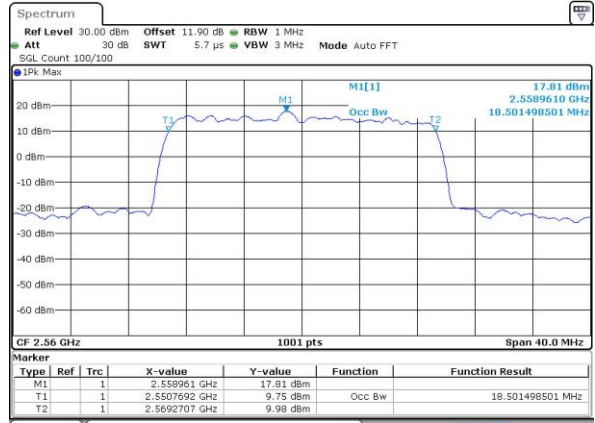
Date: 1 MAR 2017 10:31:14

Highest Channel / 20MHz / QPSK



Date: 1 MAR 2017 10:33:33

Highest Channel / 20MHz / 16QAM



Date: 1 MAR 2017 10:33:43

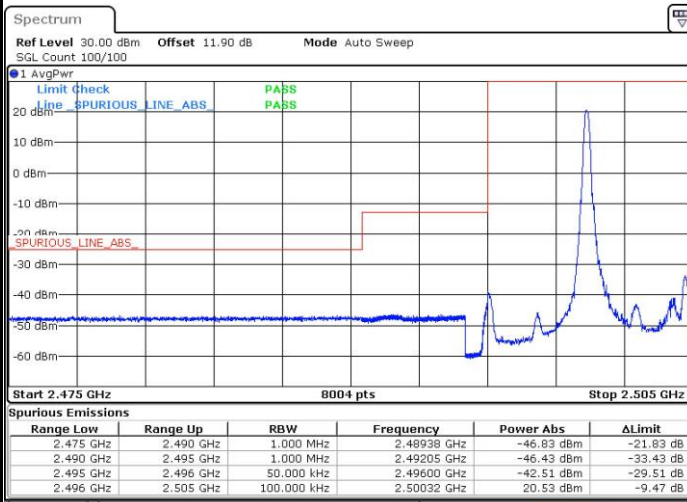


Conducted Band Edge



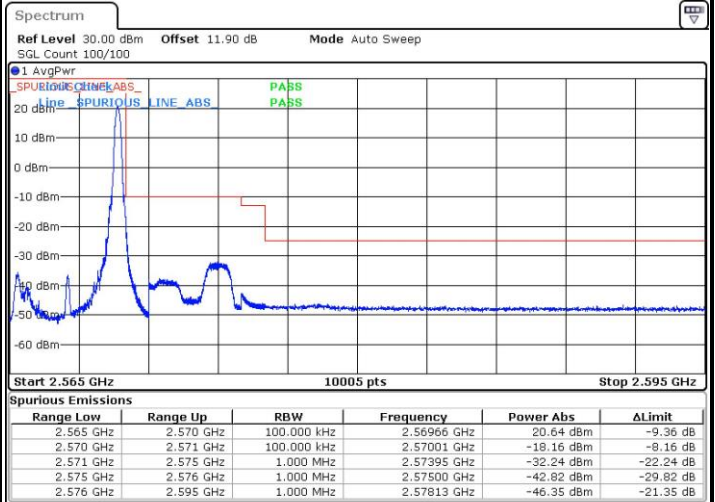
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



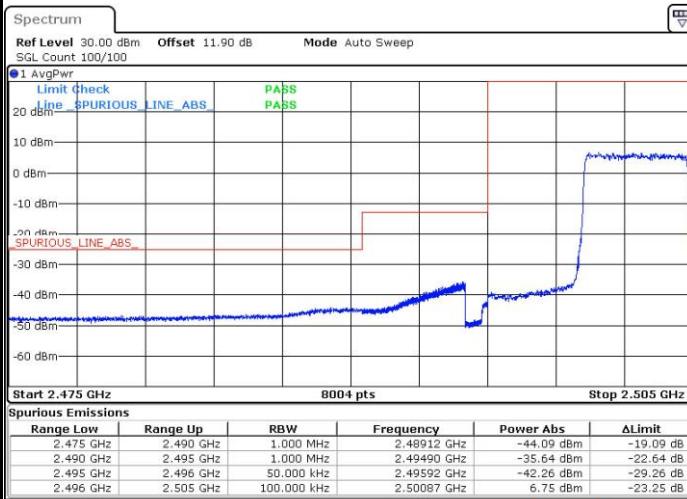
Date: 1 MAR 2017 09:35:22

Highest Band Edge / 1 RB



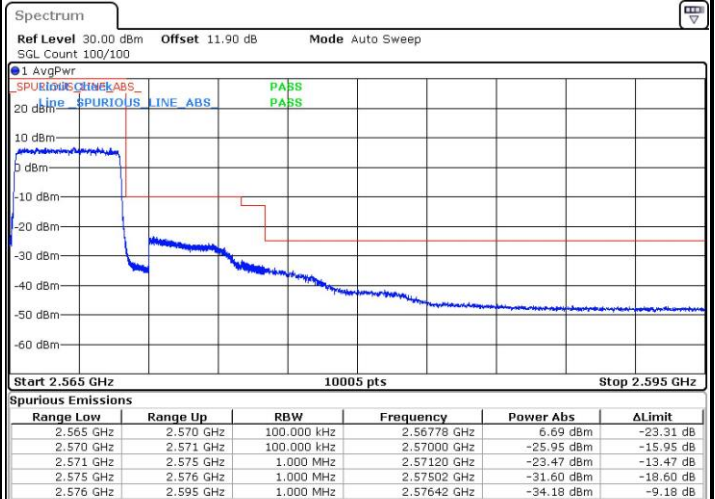
Date: 1 MAR 2017 09:44:58

Lowest Band Edge / Full RB



Date: 1 MAR 2017 09:37:41

Highest Band Edge / Full RB

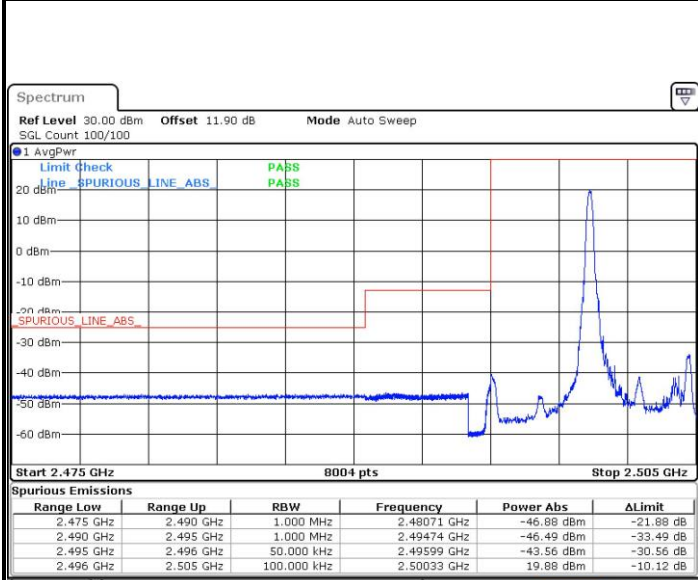


Date: 1 MAR 2017 09:47:18



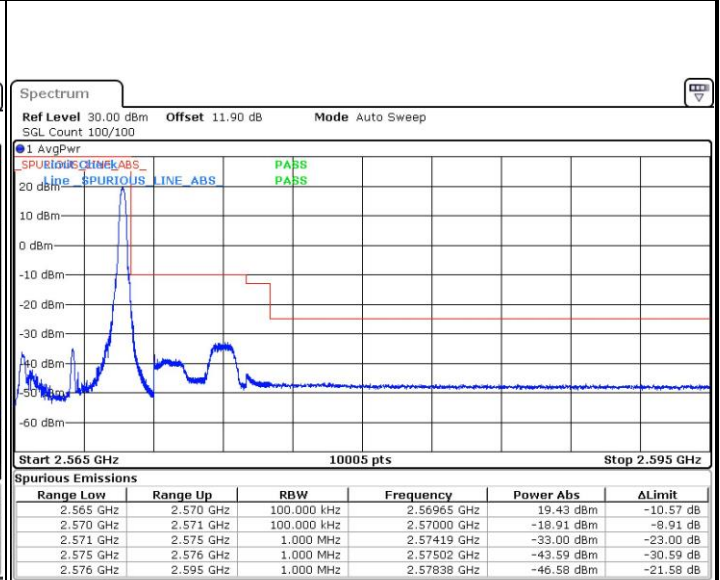
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



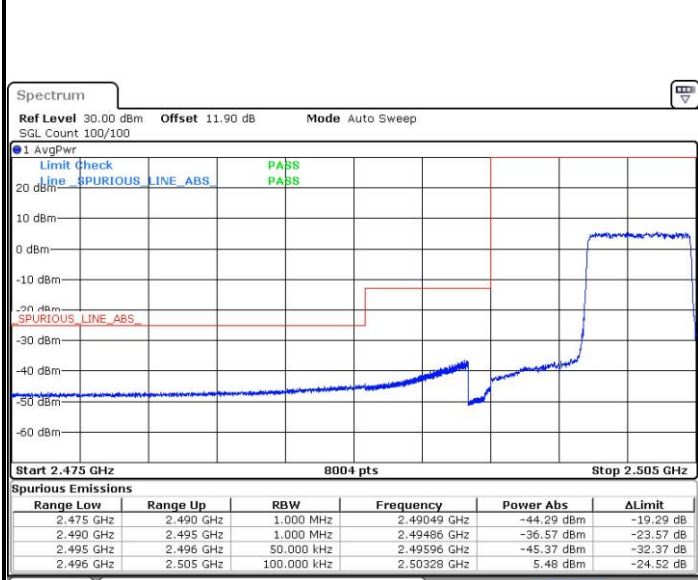
Date: 1 MAR 2017 09:36:31

Highest Band Edge / 1 RB



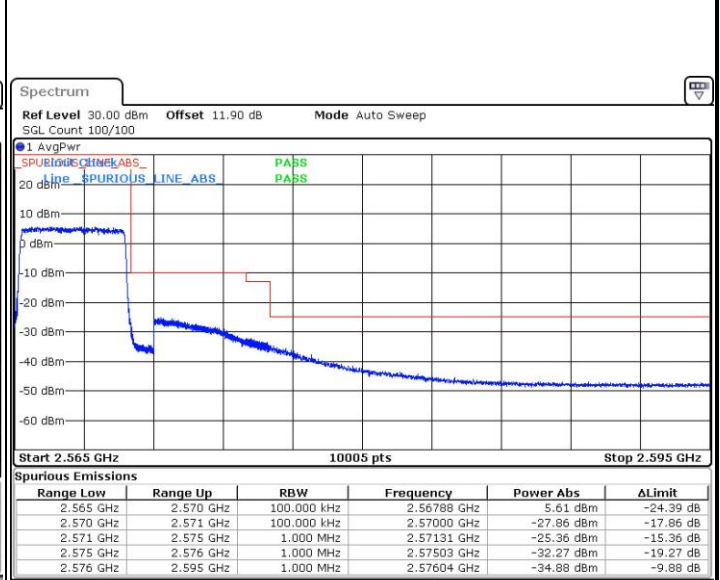
Date: 1 MAR 2017 09:46:08

Lowest Band Edge / Full RB



Date: 1 MAR 2017 09:38:51

Highest Band Edge / Full RB

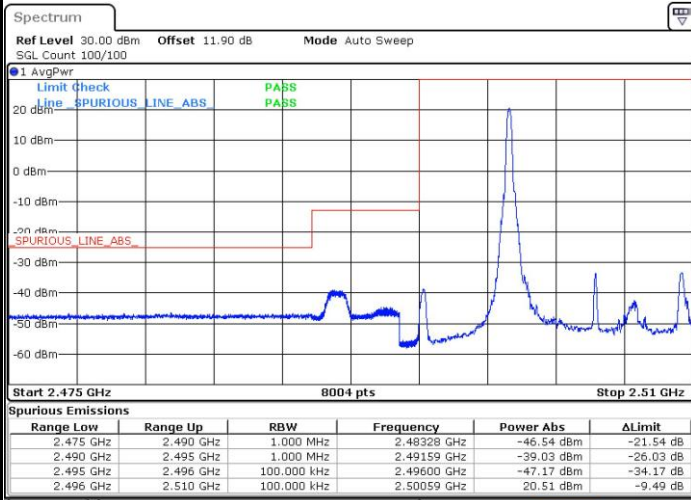


Date: 1 MAR 2017 09:48:28



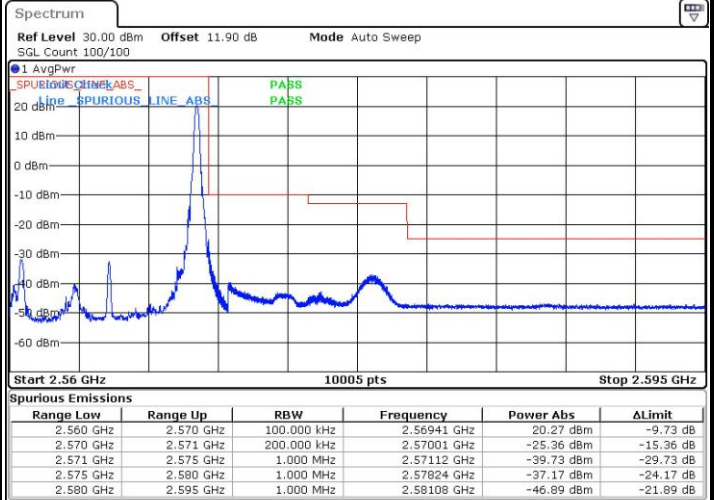
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 1 MAR 2017 09:52:06

Highest Band Edge / 1 RB



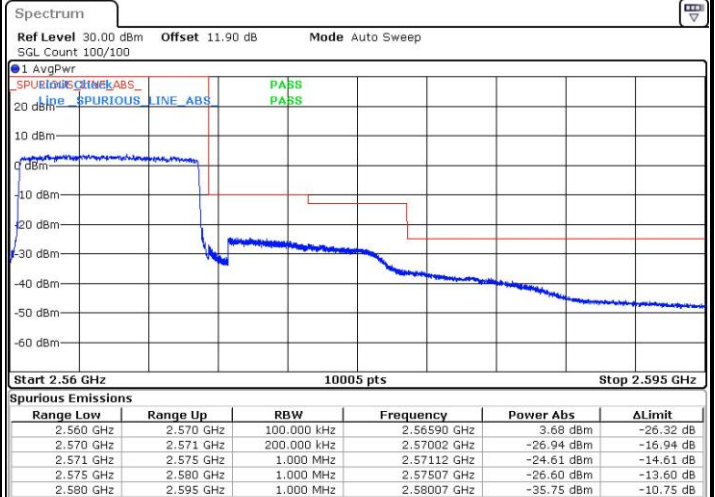
Date: 1 MAR 2017 10:01:43

Lowest Band Edge / Full RB



Date: 1 MAR 2017 09:54:26

Highest Band Edge / Full RB

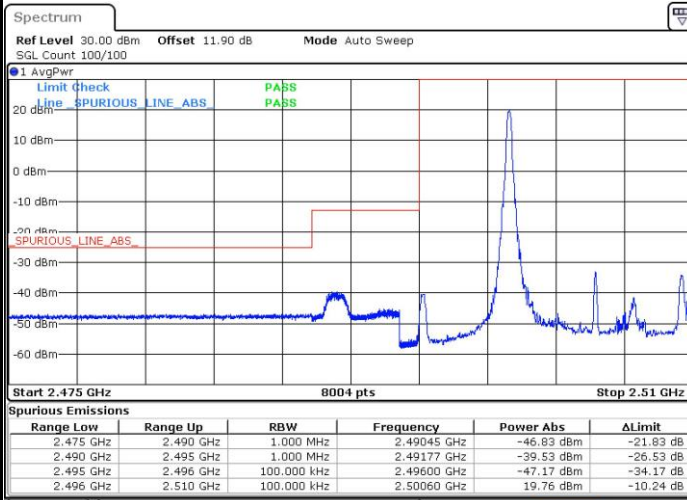


Date: 1 MAR 2017 10:04:02



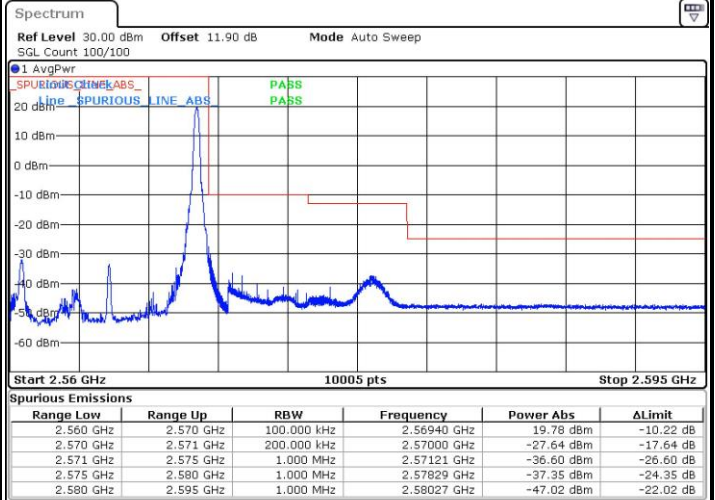
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



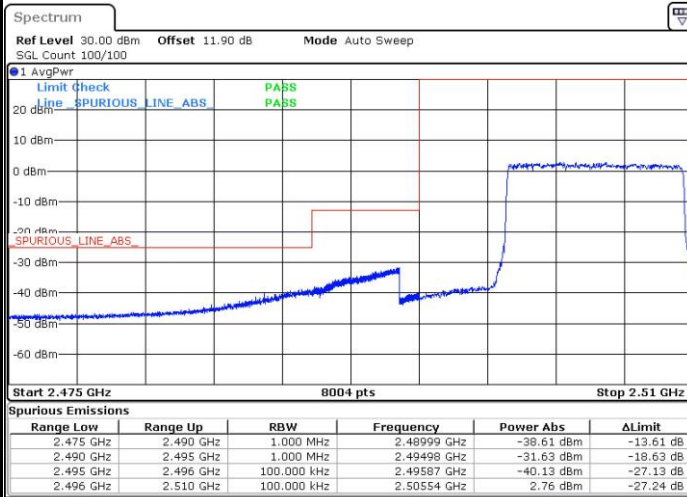
Date: 1 MAR 2017 09:53:16

Highest Band Edge / 1 RB



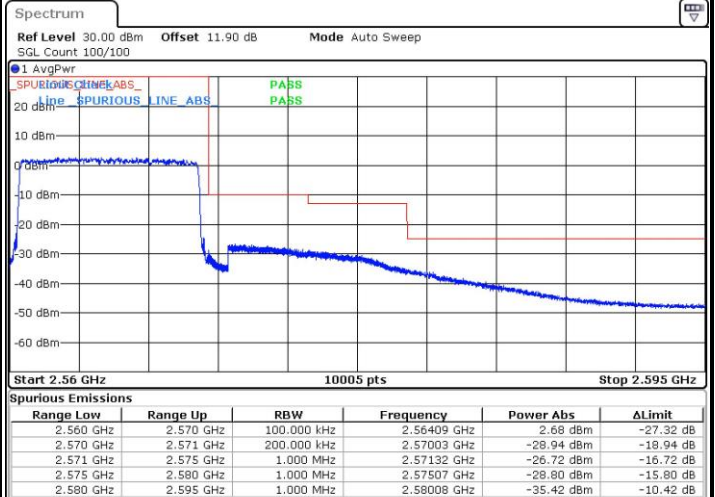
Date: 1 MAR 2017 10:02:53

Lowest Band Edge / Full RB



Date: 1 MAR 2017 09:55:36

Highest Band Edge / Full RB

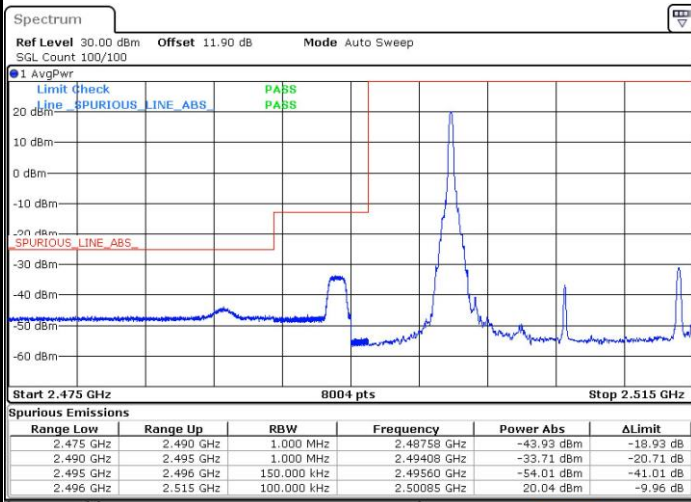


Date: 1 MAR 2017 10:05:12



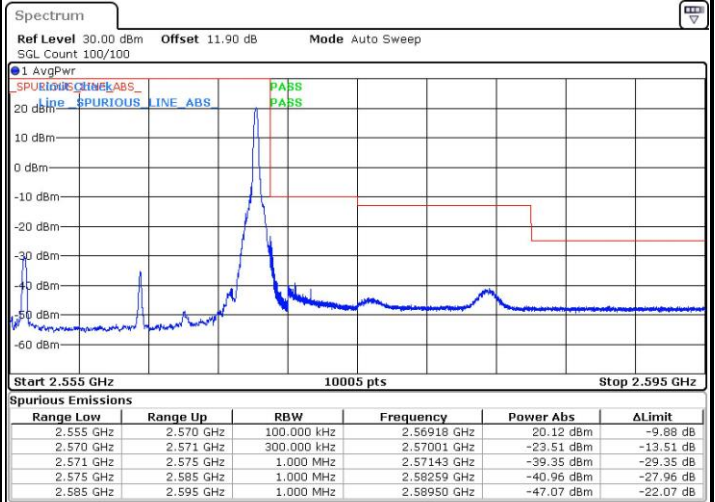
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



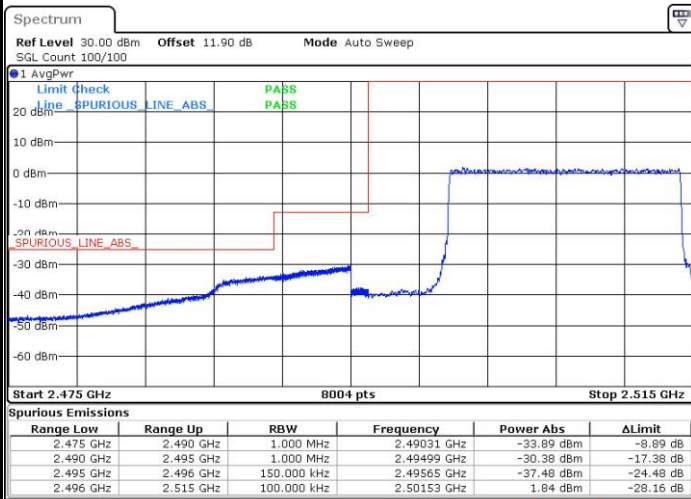
Date: 1 MAR 2017 10:08:51

Highest Band Edge / 1 RB



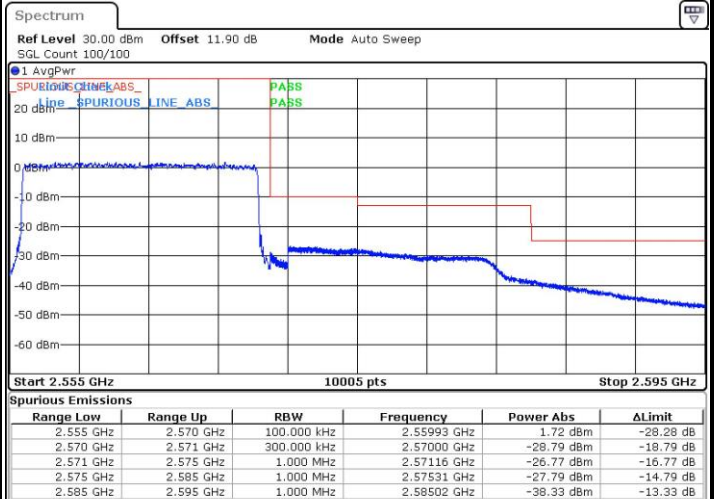
Date: 1 MAR 2017 10:18:28

Lowest Band Edge / Full RB



Date: 1 MAR 2017 10:11:11

Highest Band Edge / Full RB

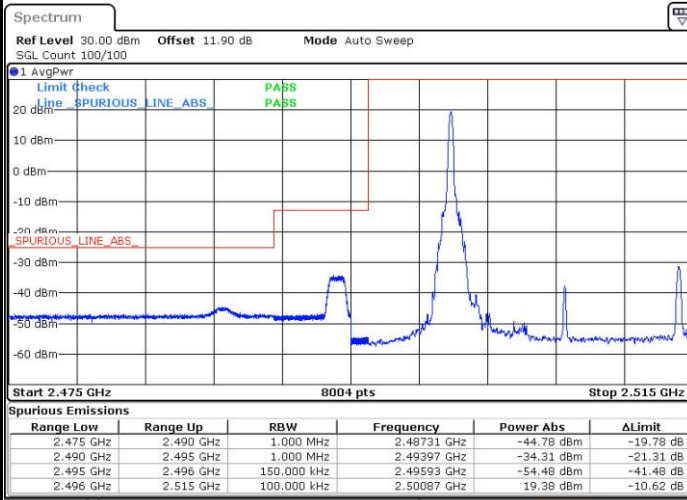


Date: 1 MAR 2017 10:20:48



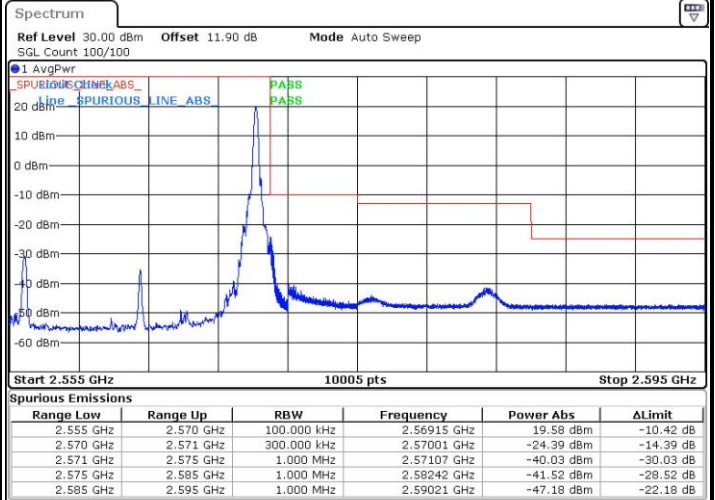
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



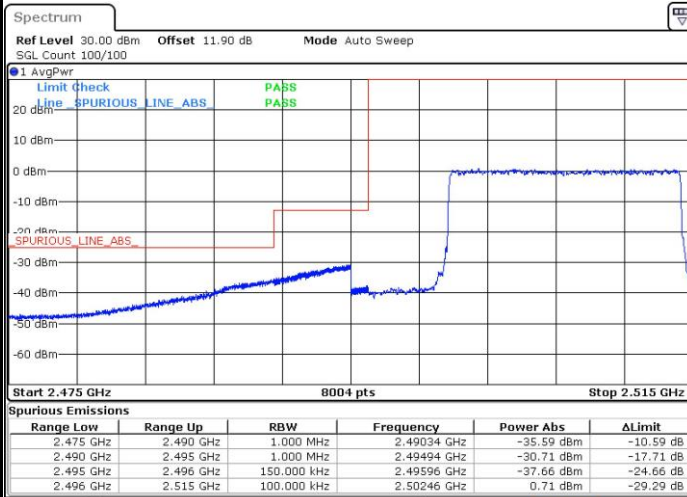
Date: 1 MAR 2017 10:10:01

Highest Band Edge / 1 RB



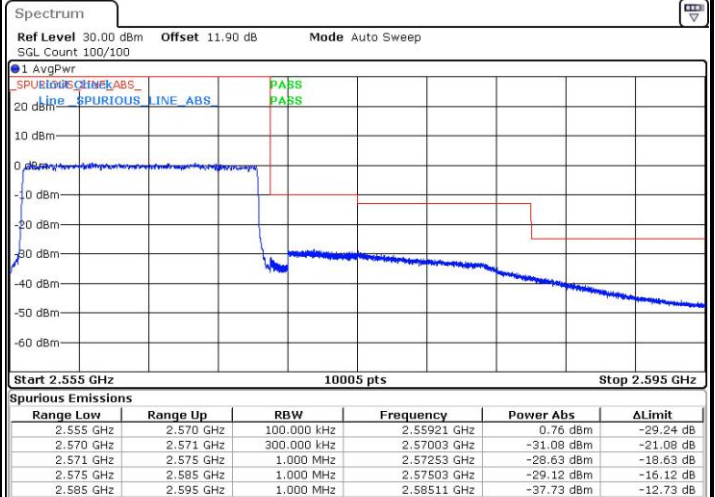
Date: 1 MAR 2017 10:19:38

Lowest Band Edge / Full RB



Date: 1 MAR 2017 10:12:21

Highest Band Edge / Full RB

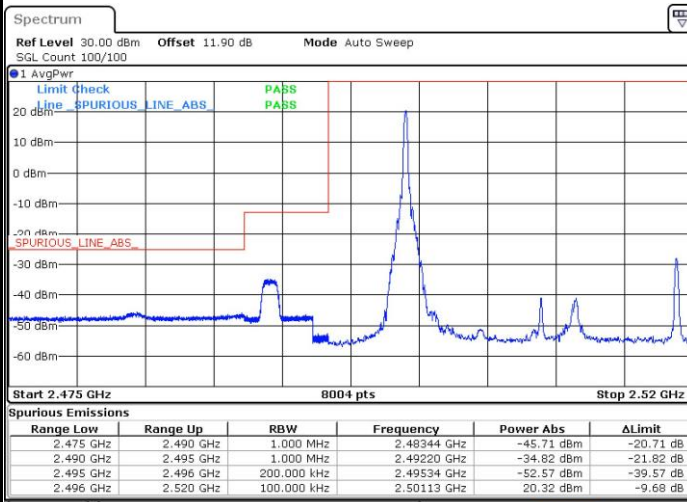


Date: 1 MAR 2017 10:21:58



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



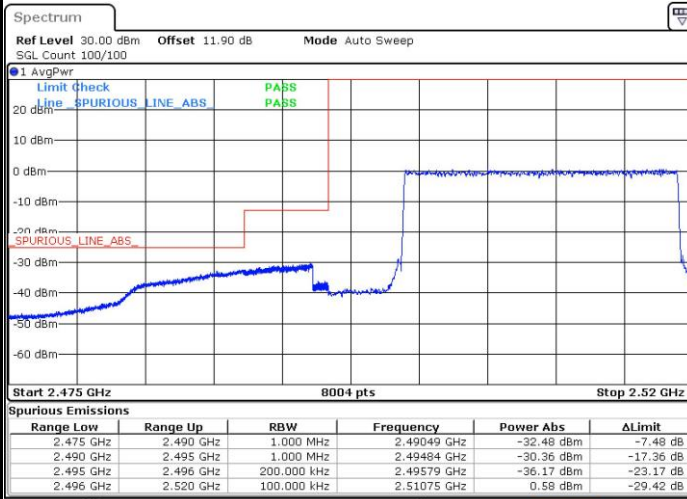
Date: 1 MAR 2017 10:25:37

Highest Band Edge / 1 RB



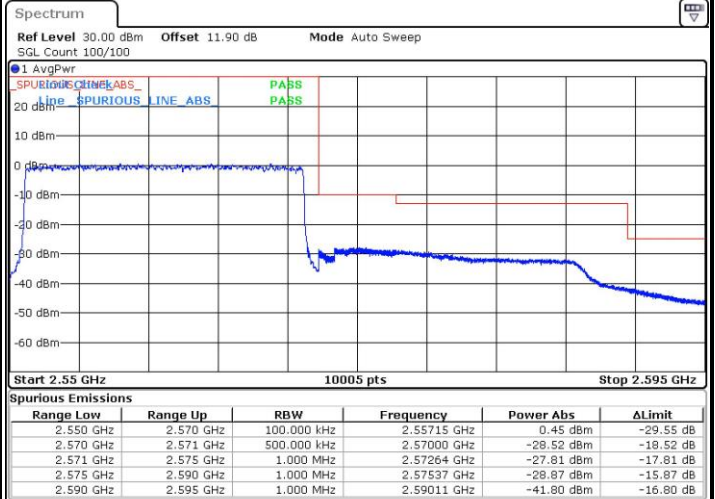
Date: 1 MAR 2017 10:35:13

Lowest Band Edge / Full RB



Date: 1 MAR 2017 10:27:56

Highest Band Edge / Full RB

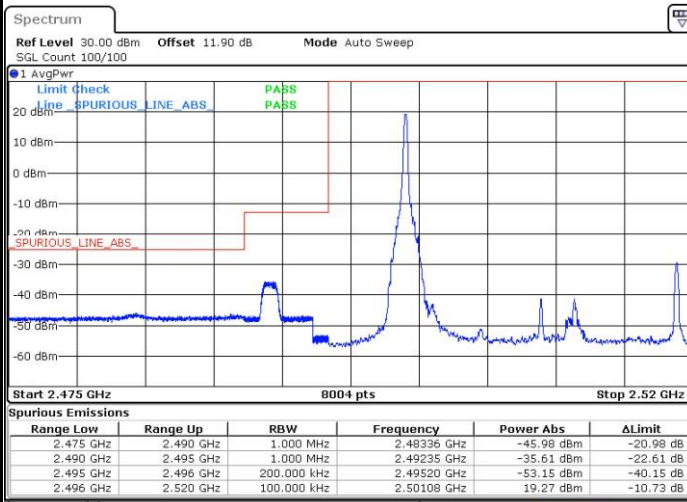


Date: 1 MAR 2017 10:38:43



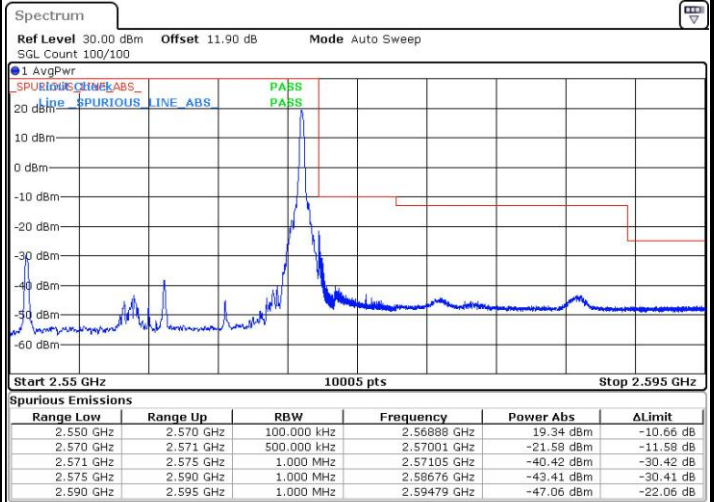
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



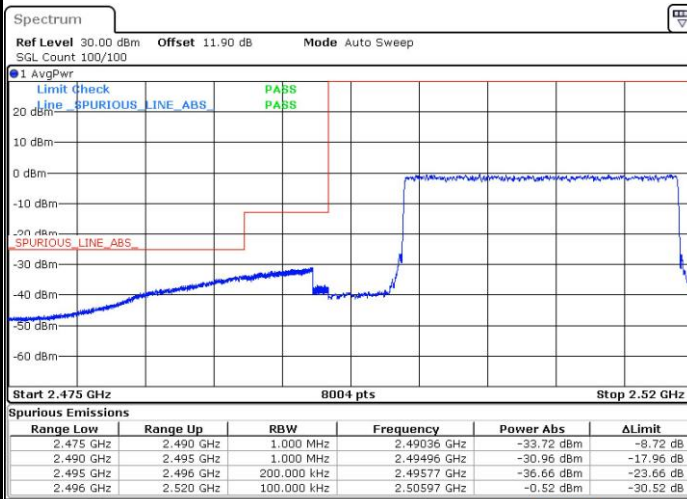
Date: 1 MAR 2017 10:26:46

Highest Band Edge / 1RB



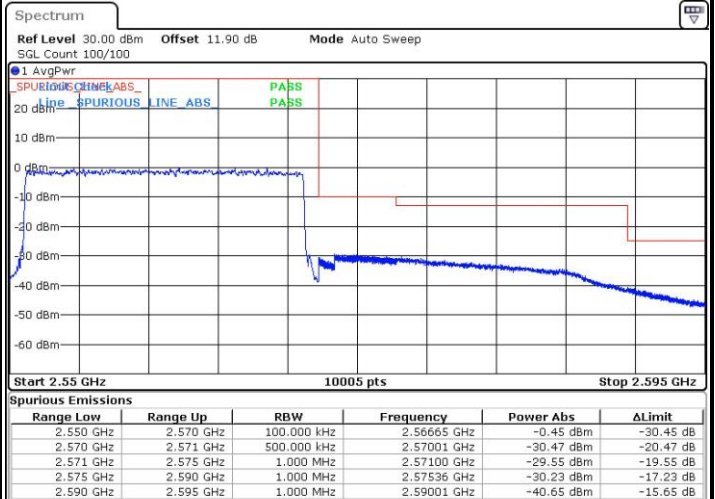
Date: 1 MAR 2017 10:36:23

Lowest Band Edge / Full RB



Date: 1 MAR 2017 10:29:06

Highest Band Edge / Full RB



Date: 1 MAR 2017 10:37:33



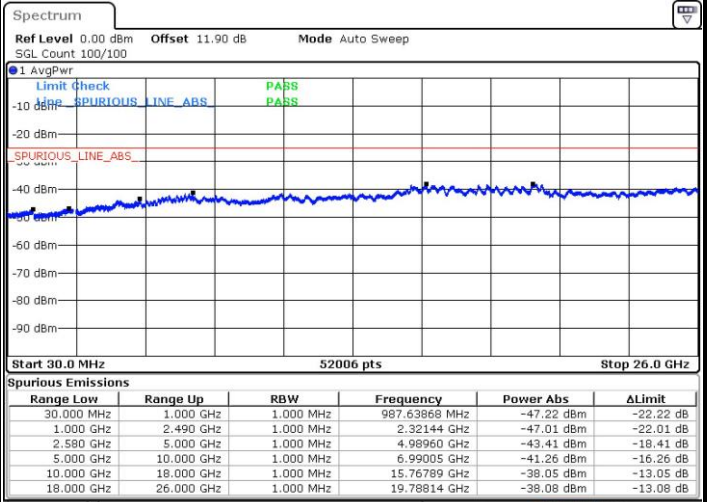
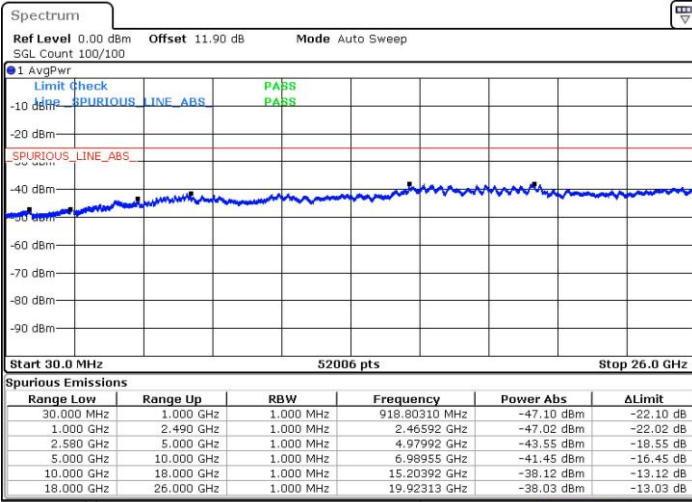
Conducted Spurious Emission



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

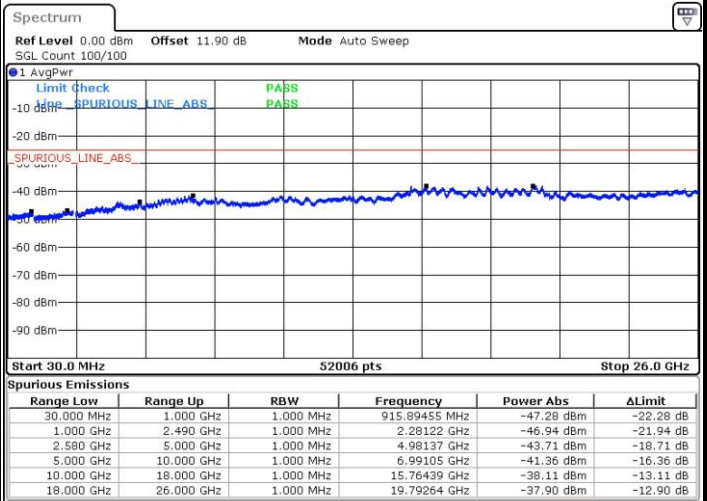
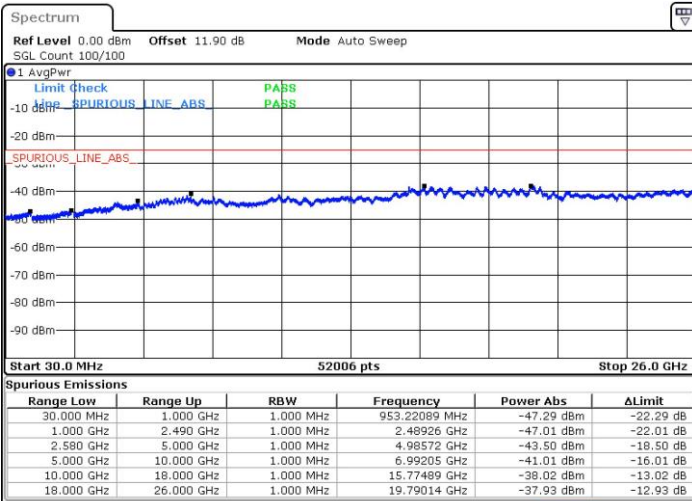


Date: 1.MAR.2017 09:39:45

Date: 1.MAR.2017 09:40:39

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.MAR.2017 09:42:14

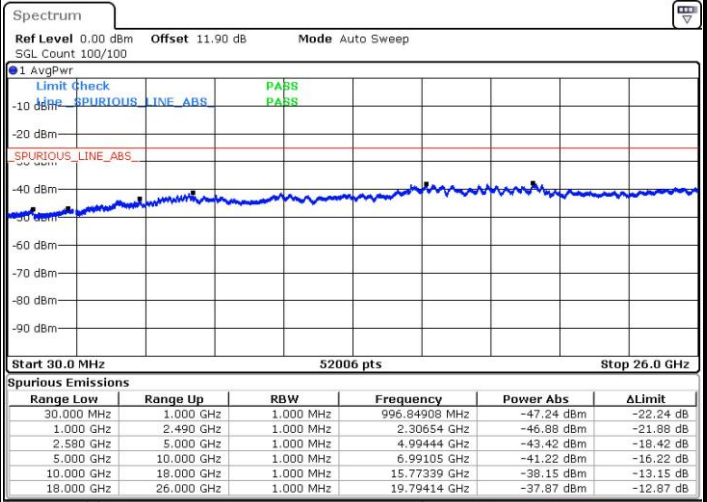
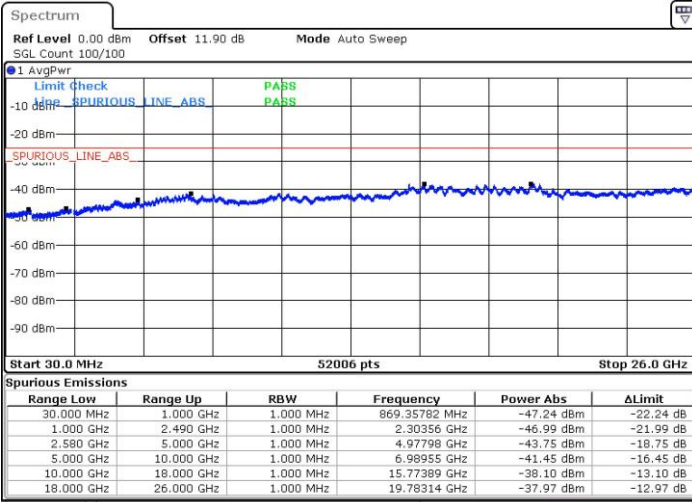
Date: 1.MAR.2017 09:43:08



LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



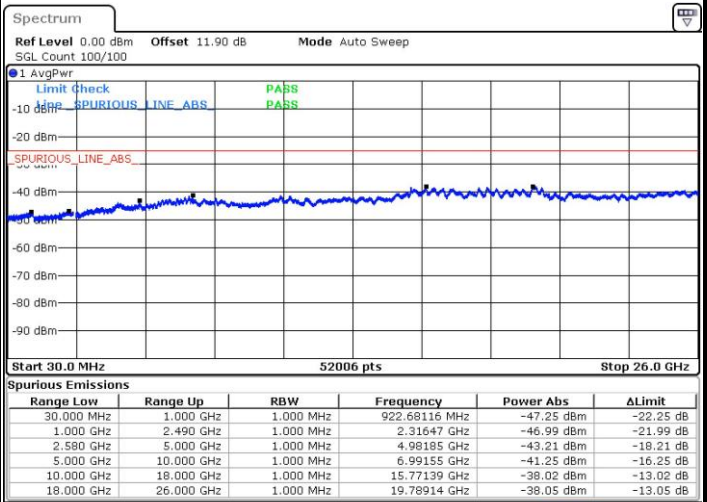
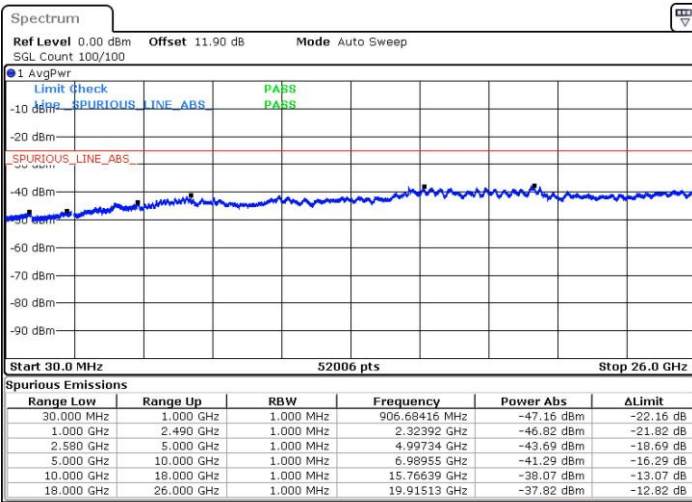
Date: 1.MAR.2017 09:49:22

Date: 1.MAR.2017 09:50:16

LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.MAR.2017 09:56:30

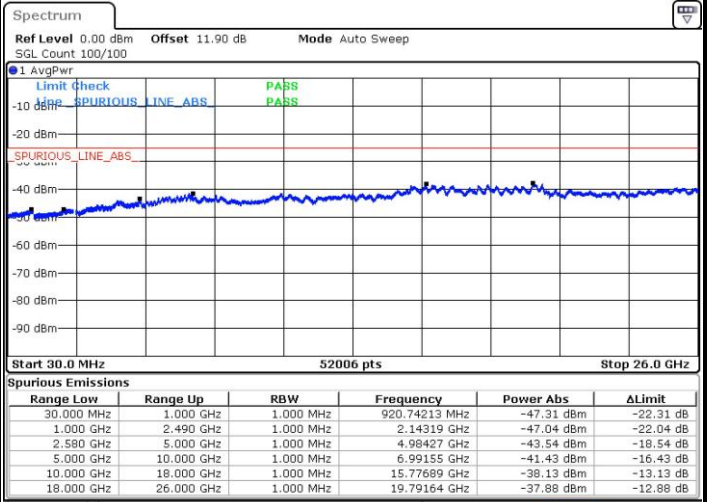
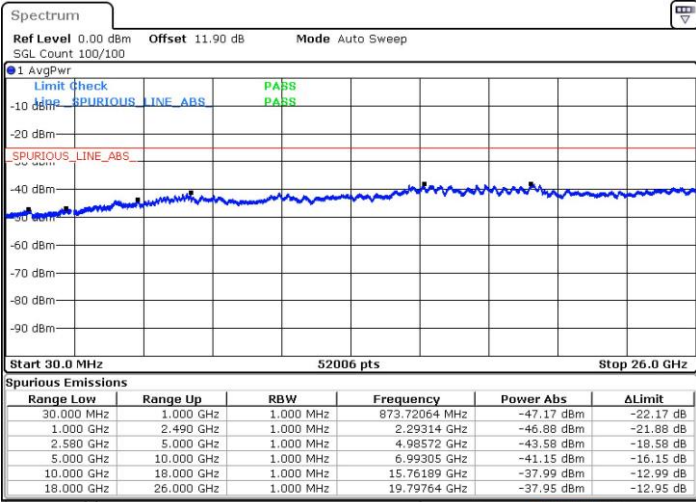
Date: 1.MAR.2017 09:57:23



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

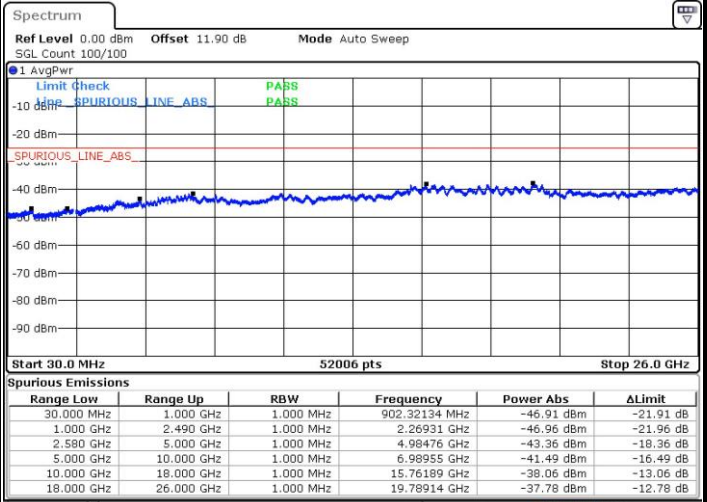
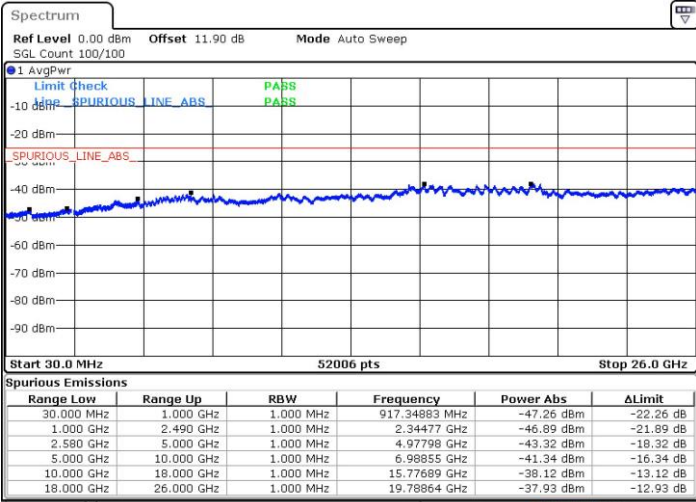


Date: 1.MAR.2017 09:58:58

Date: 1.MAR.2017 09:59:52

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.MAR.2017 10:06:06

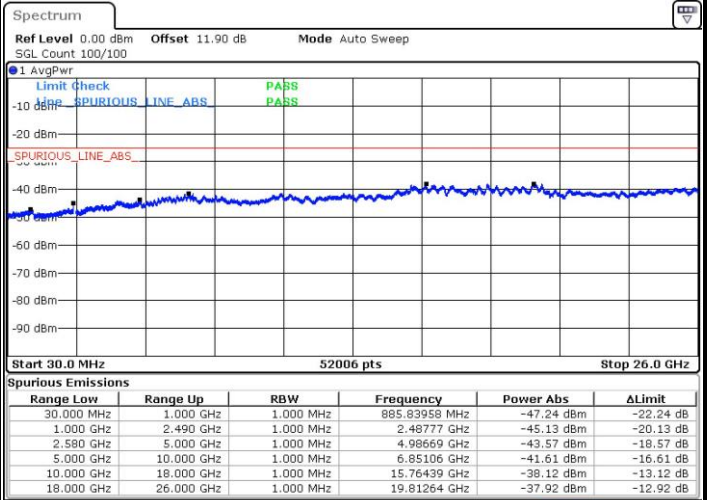
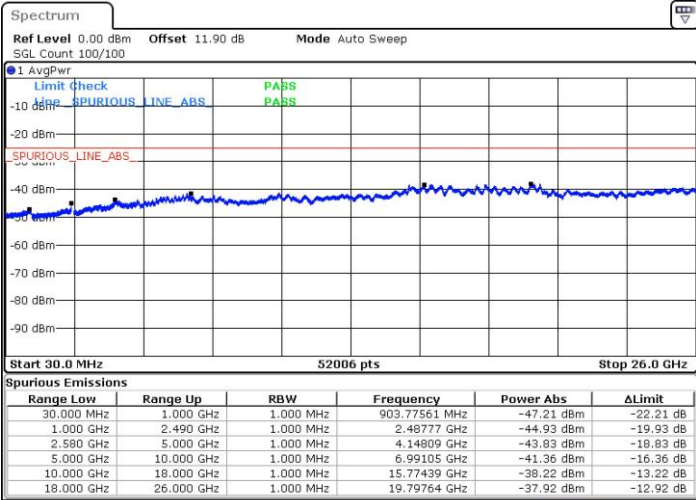
Date: 1.MAR.2017 10:07:00



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

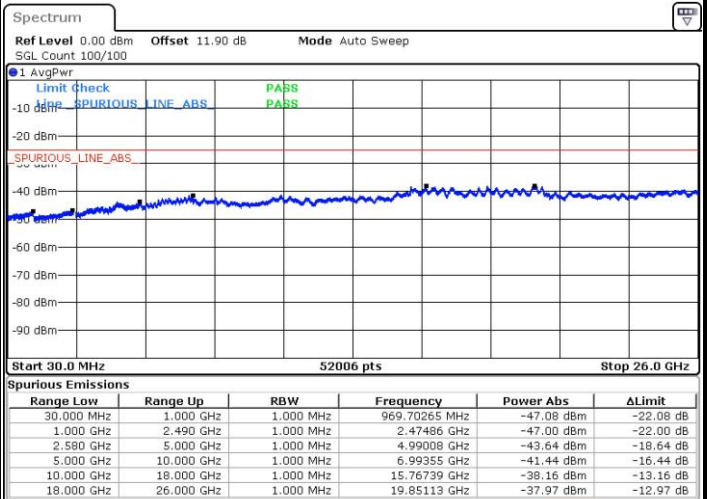
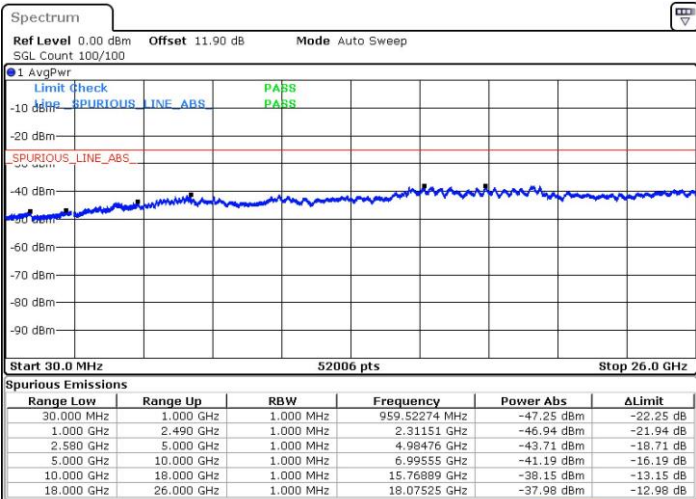


Date: 1.MAR.2017 10:13:14

Date: 1.MAR.2017 10:14:08

Middle Channel / QPSK

Middle Channel / 16QAM



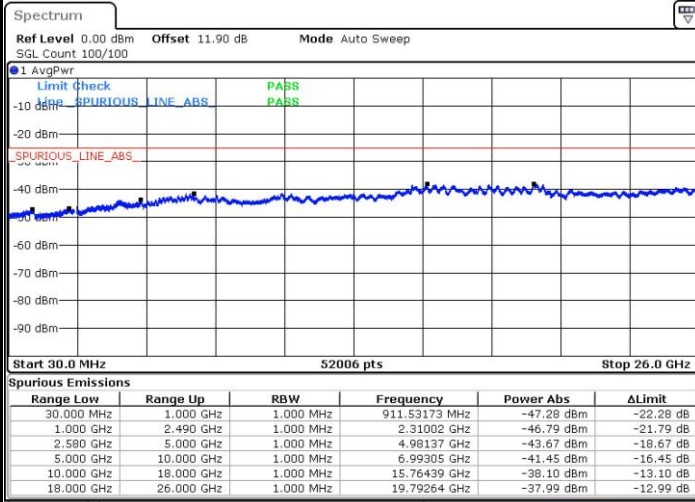
Date: 1.MAR.2017 10:15:43

Date: 1.MAR.2017 10:16:37



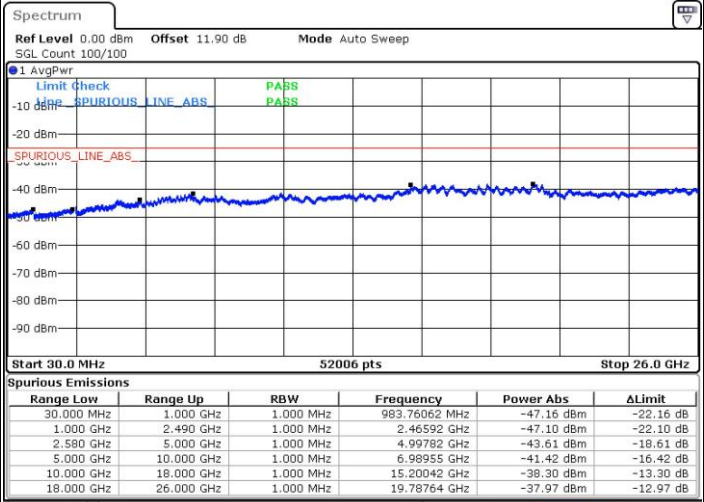
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 1.MAR.2017 10:22:52

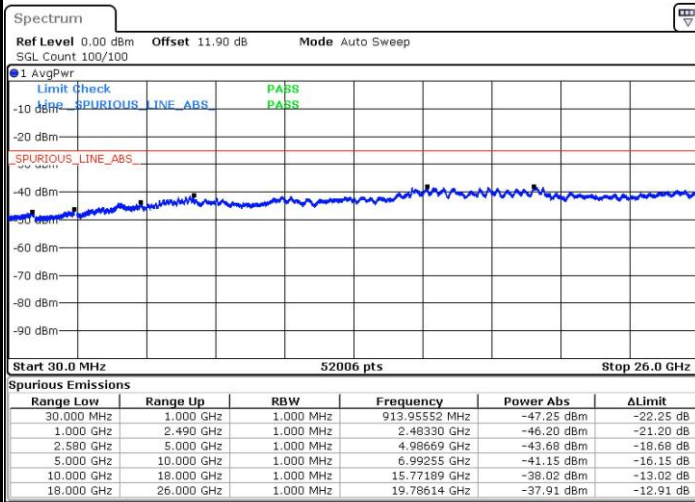
Highest Channel / 16QAM



Date: 1.MAR.2017 10:23:46

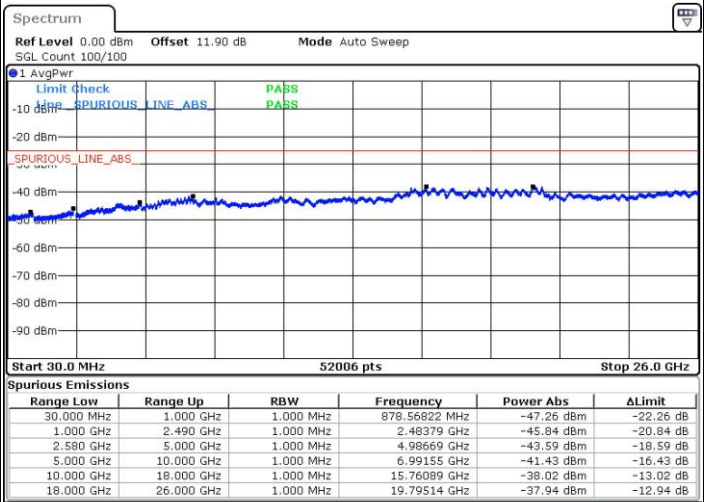
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 1.MAR.2017 10:30:00

Lowest Channel / 16QAM



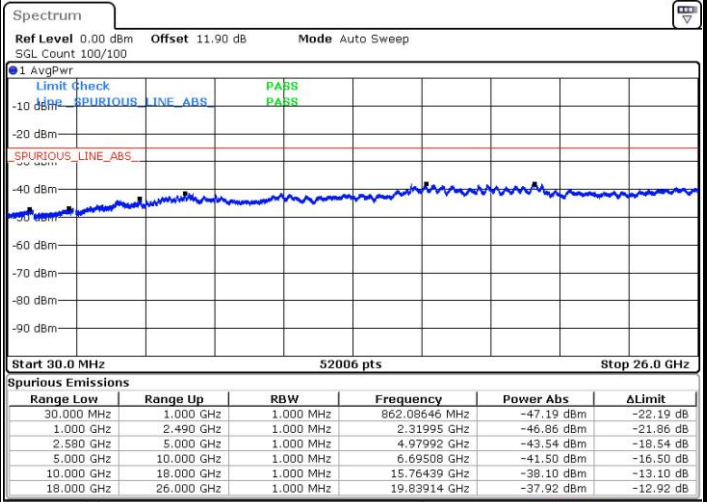
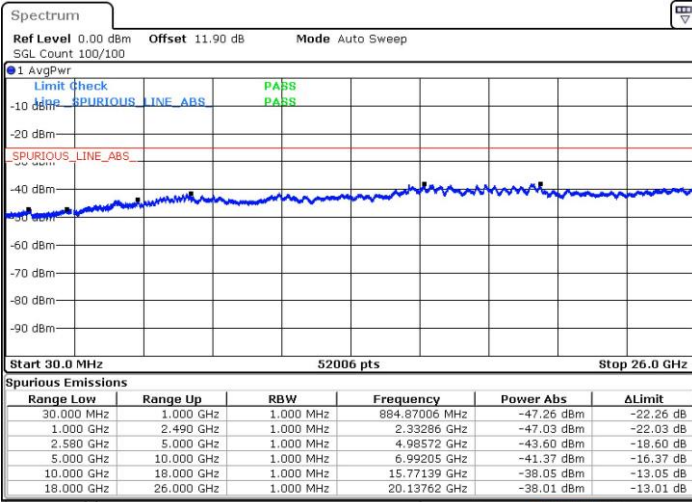
Date: 1.MAR.2017 10:30:53



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

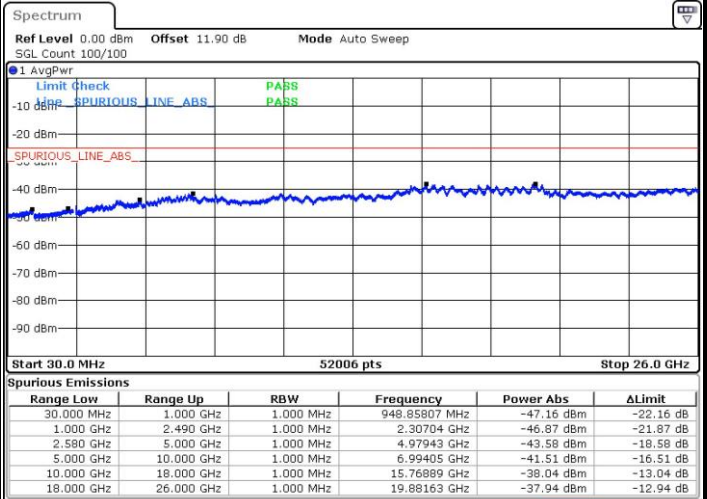
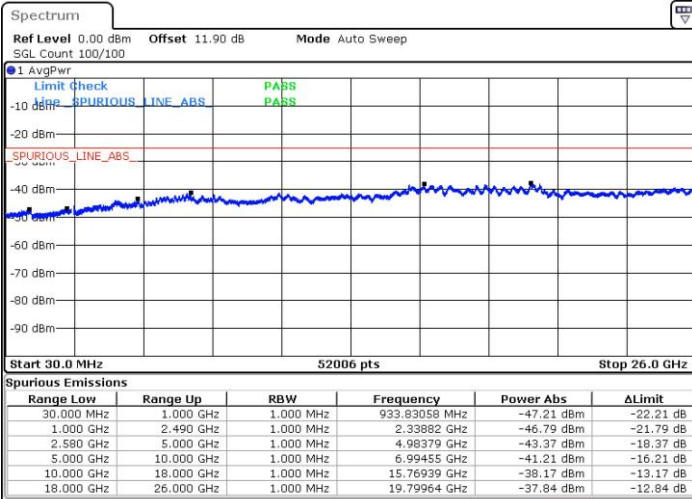


Date: 1.MAR.2017 10:32:29

Date: 1.MAR.2017 10:33:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.MAR.2017 10:39:37

Date: 1.MAR.2017 10:40:31



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	0.0003	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.9 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 38

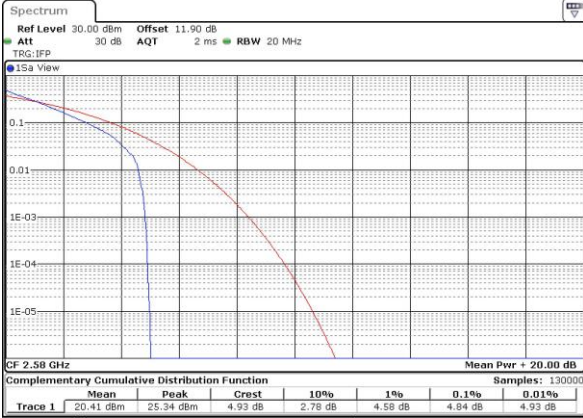
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.84	5.16	5.57	6.14	PASS
Middle CH	4.7	5.13	5.59	6.14	
Highest CH	4.78	5.04	5.74	6	



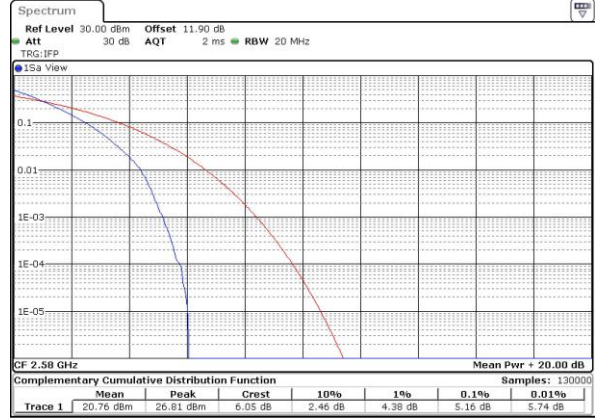
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



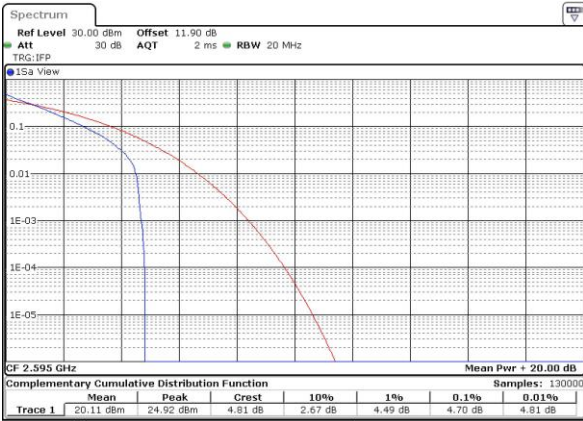
Date: 1 MAR 2017 17:49:09

Lowest Channel / Full RB



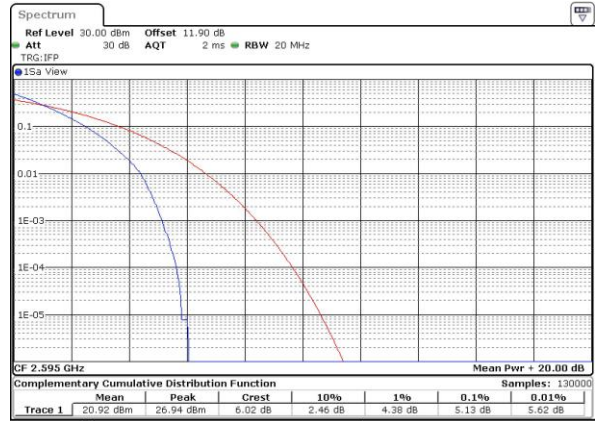
Date: 1 MAR 2017 17:49:27

Middle Channel / 1RB



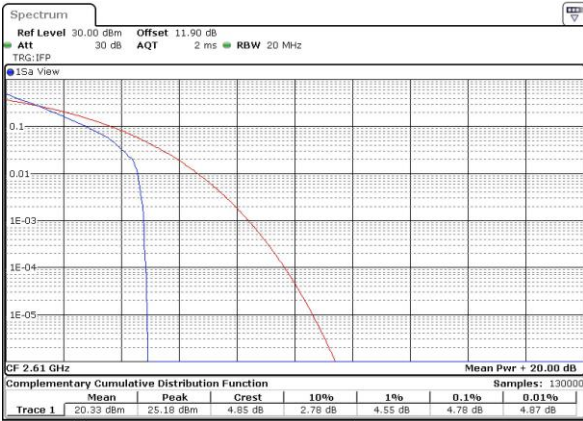
Date: 1 MAR 2017 17:49:43

Middle Channel / Full RB



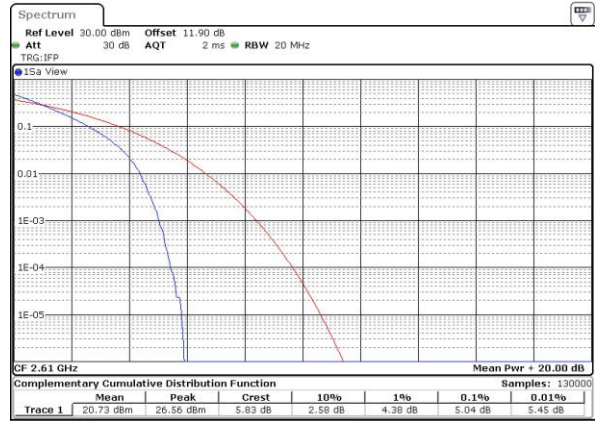
Date: 1 MAR 2017 17:50:00

Highest Channel / 1RB



Date: 1 MAR 2017 17:50:17

Highest Channel / Full RB

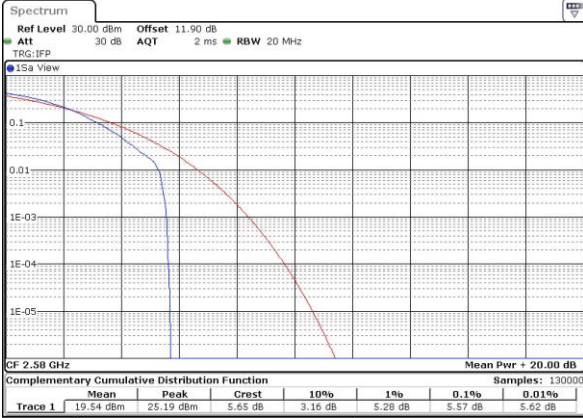


Date: 1 MAR 2017 17:50:52



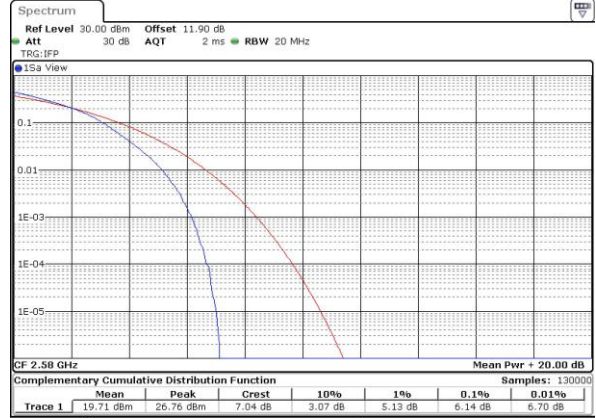
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



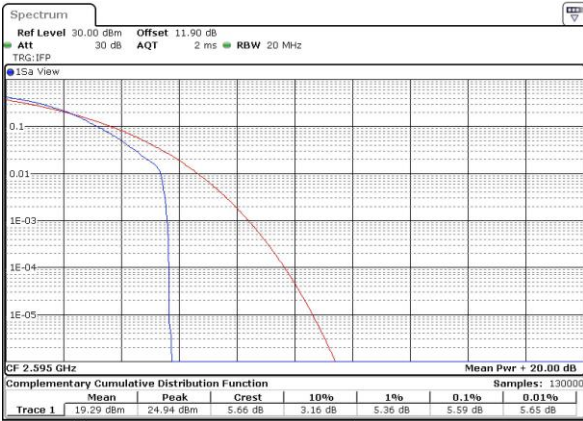
Date: 1 MAR 2017 17:46:45

Lowest Channel / Full RB



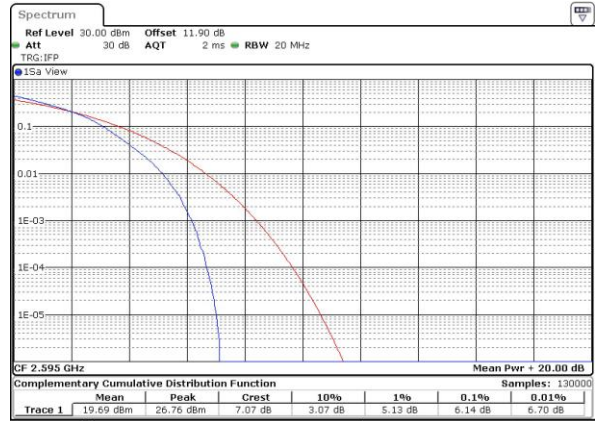
Date: 1 MAR 2017 17:47:03

Middle Channel / 1RB



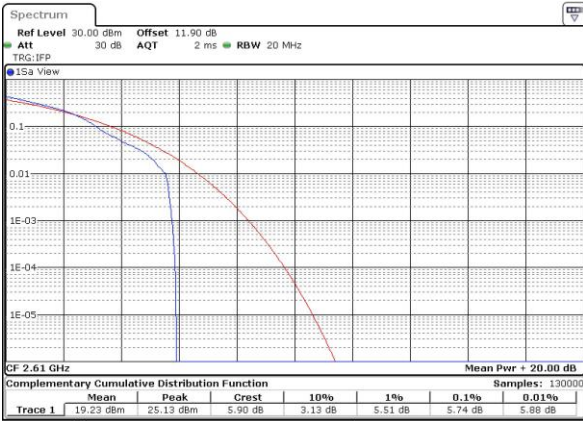
Date: 1 MAR 2017 17:47:21

Middle Channel / Full RB



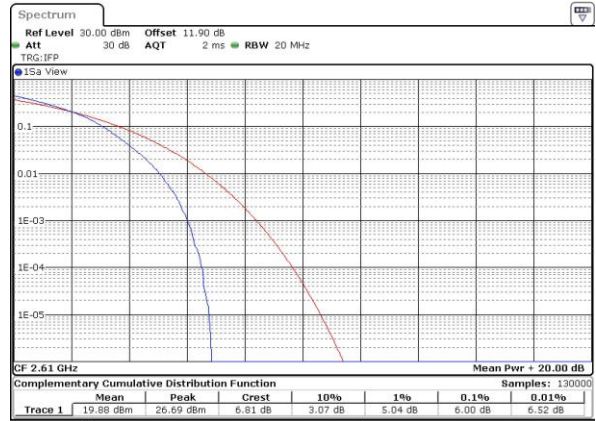
Date: 1 MAR 2017 17:47:44

Highest Channel / 1RB



Date: 1 MAR 2017 17:48:15

Highest Channel / Full RB



Date: 1 MAR 2017 17:48:48