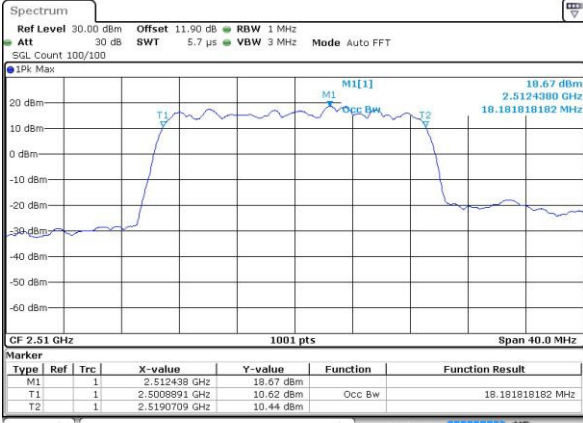




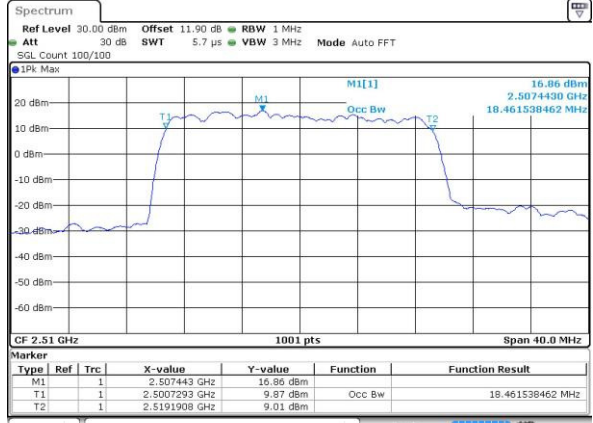
LTE Band 7

Lowest Channel / 20MHz / QPSK



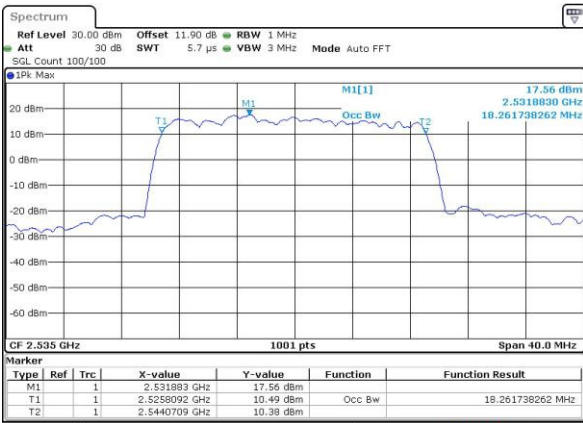
Date: 19 DEC 2016 12:07:44

Lowest Channel / 20MHz / 16QAM



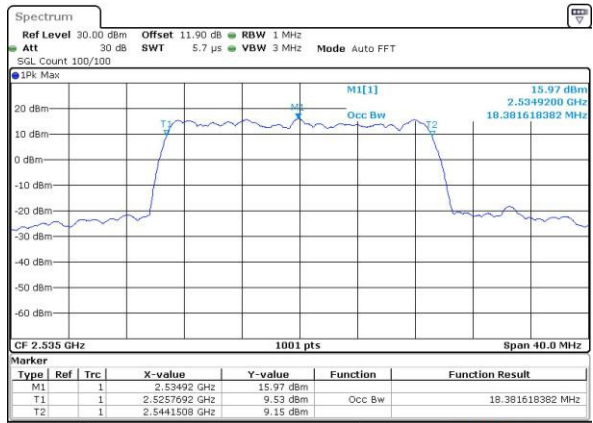
Date: 19 DEC 2016 12:07:54

Middle Channel / 20MHz / QPSK



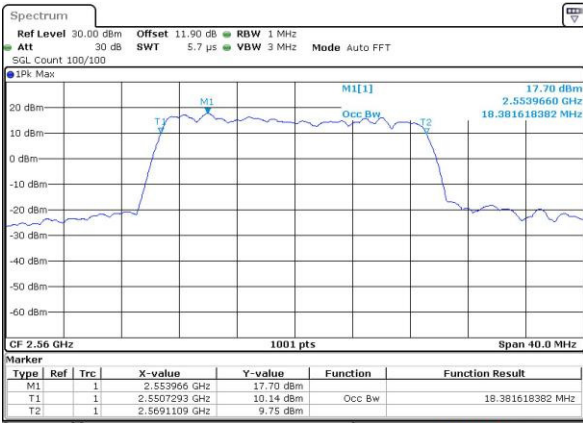
Date: 19 DEC 2016 12:14:53

Middle Channel / 20MHz / 16QAM



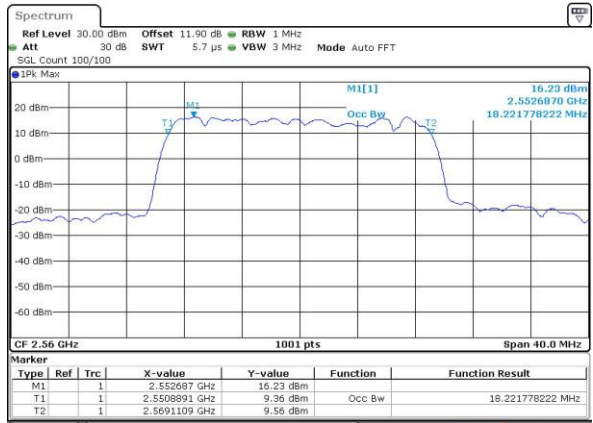
Date: 19 DEC 2016 12:15:03

Highest Channel / 20MHz / QPSK



Date: 19 DEC 2016 12:17:22

Highest Channel / 20MHz / 16QAM



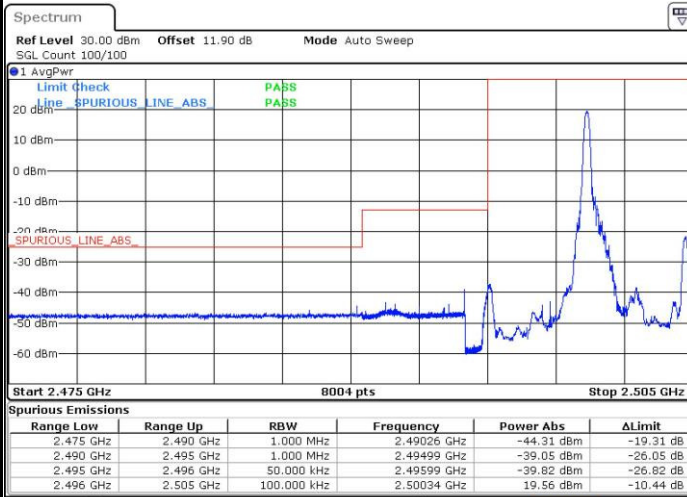
Date: 19 DEC 2016 12:17:32



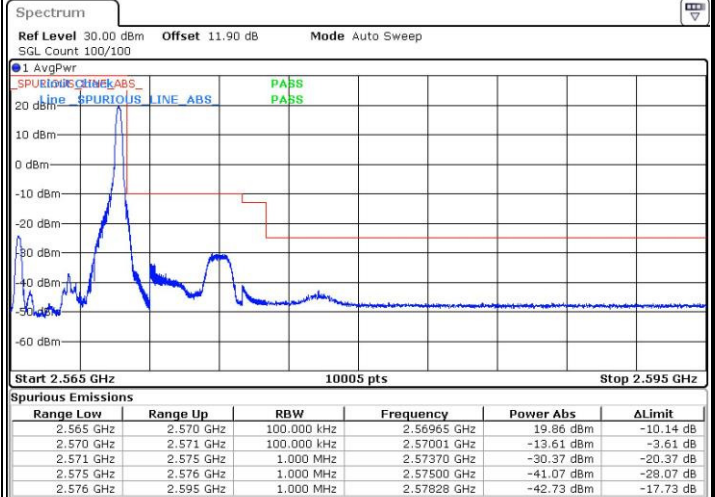
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

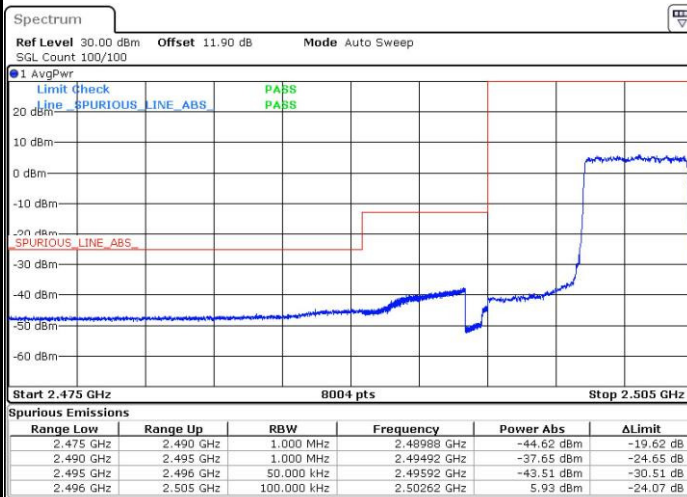
Lowest Band Edge / 1 RB



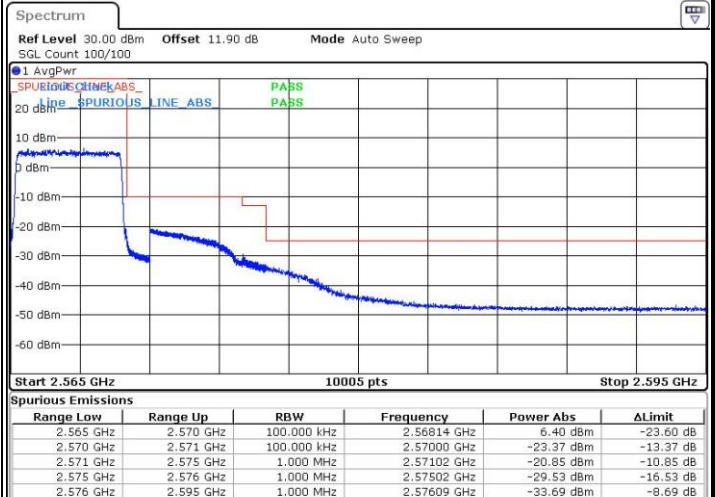
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



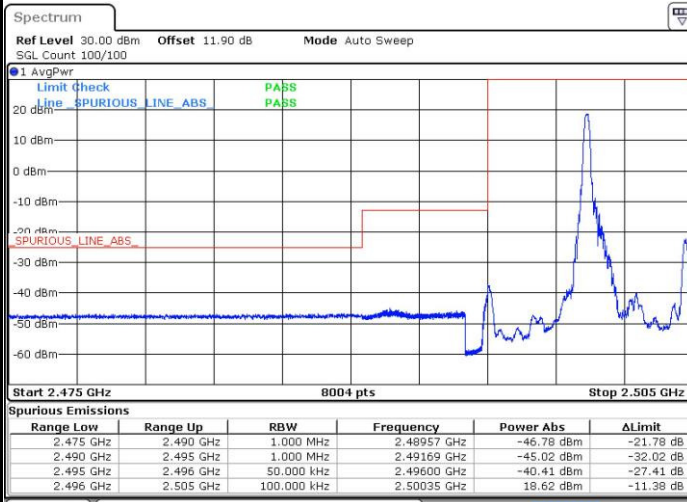
Highest Band Edge / Full RB





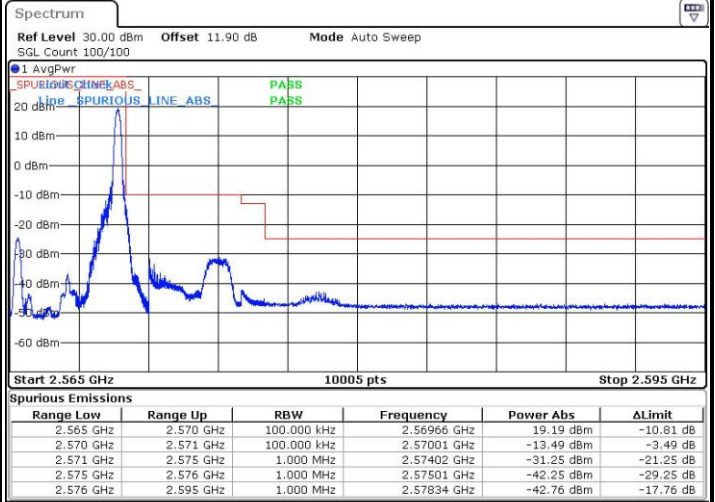
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



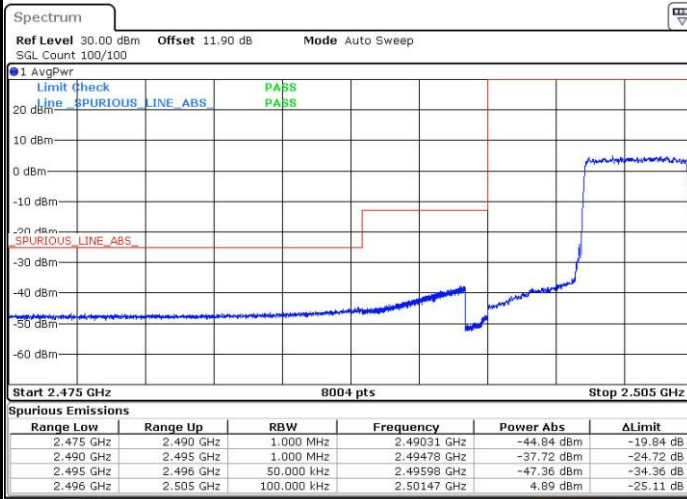
Date: 22 DEC 2016 12:02:48

Highest Band Edge / 1 RB



Date: 22 DEC 2016 12:07:27

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:05:07

Highest Band Edge / Full RB

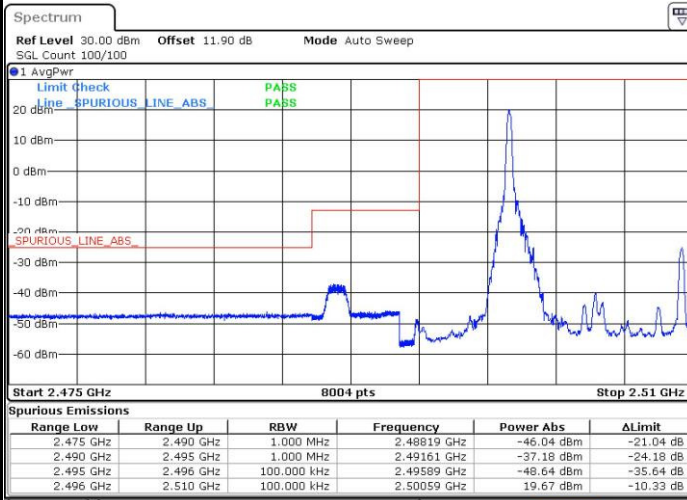


Date: 22 DEC 2016 12:09:46



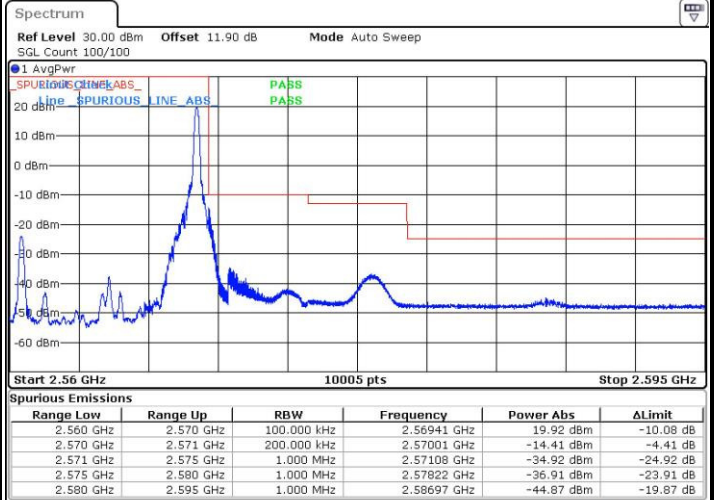
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



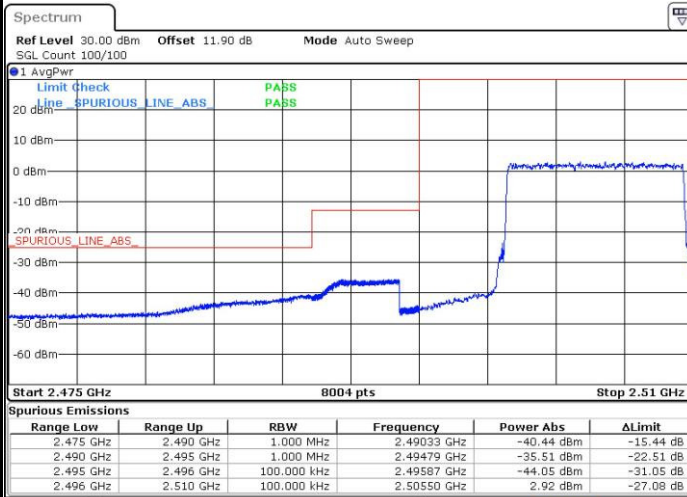
Date: 22 DEC 2016 12:10:56

Highest Band Edge / 1 RB



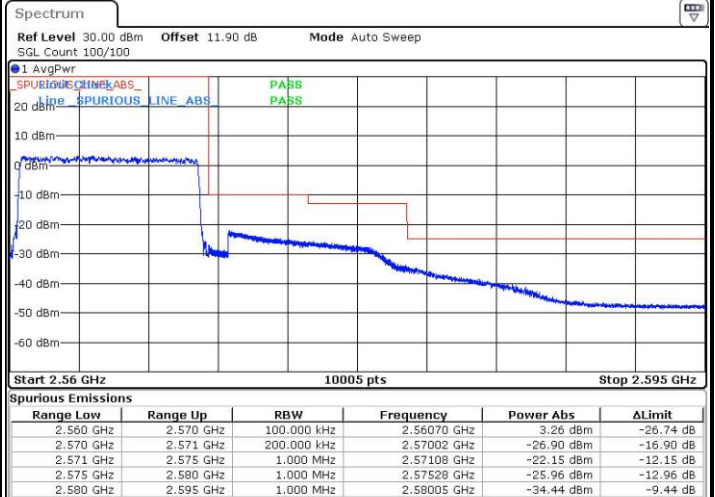
Date: 22 DEC 2016 12:15:35

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:13:15

Highest Band Edge / Full RB

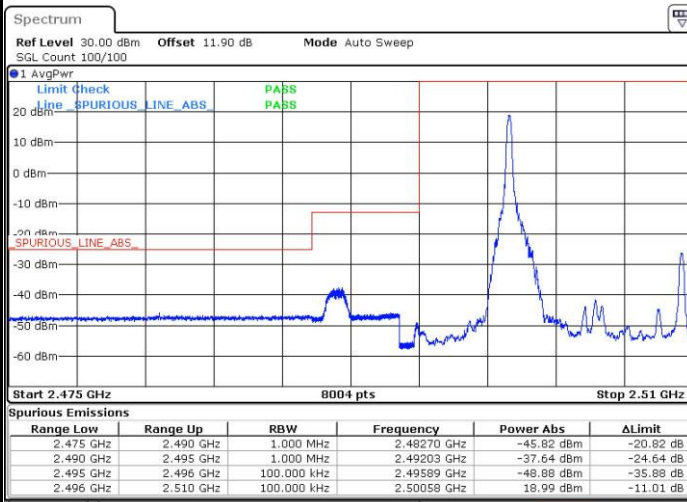


Date: 22 DEC 2016 12:17:54



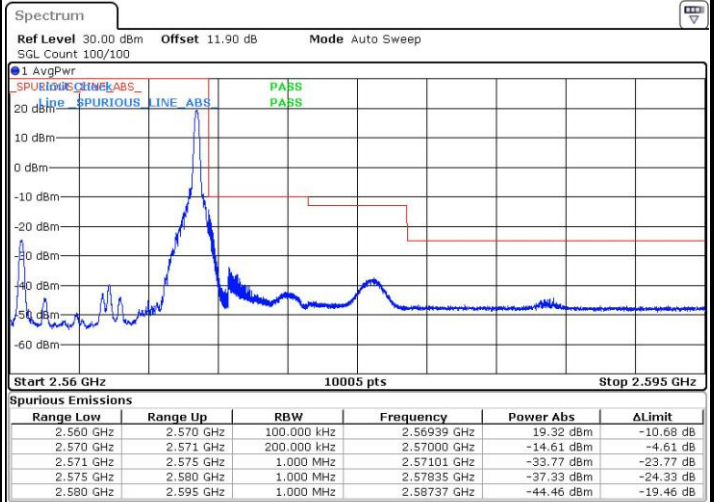
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



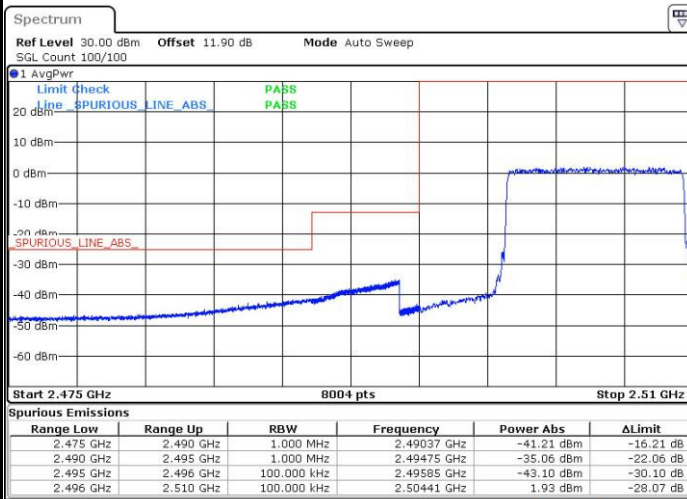
Date: 22 DEC 2016 12:12:06

Highest Band Edge / 1 RB



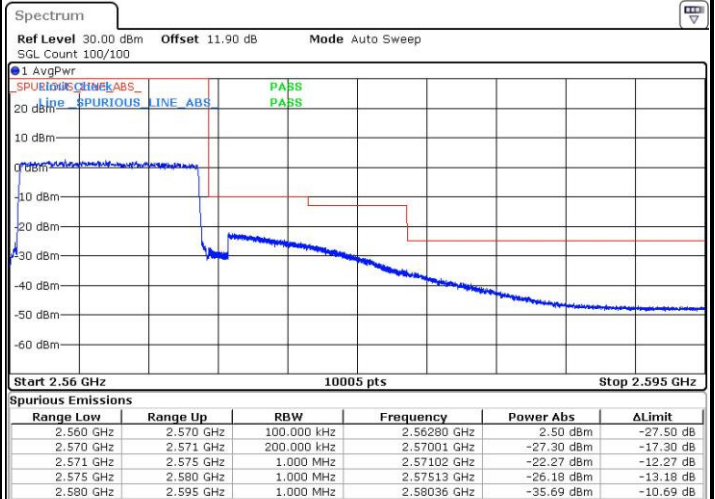
Date: 22 DEC 2016 12:16:44

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:14:25

Highest Band Edge / Full RB

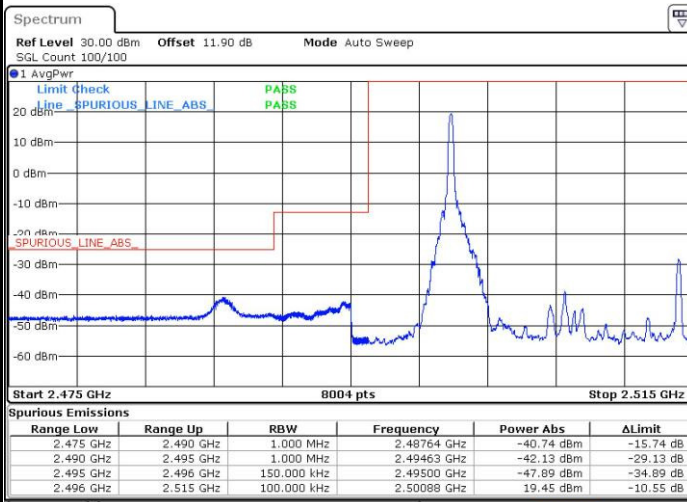


Date: 22 DEC 2016 12:19:04



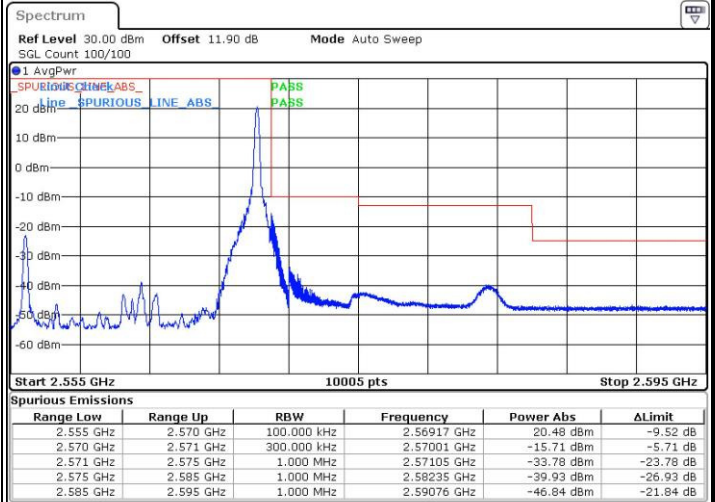
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



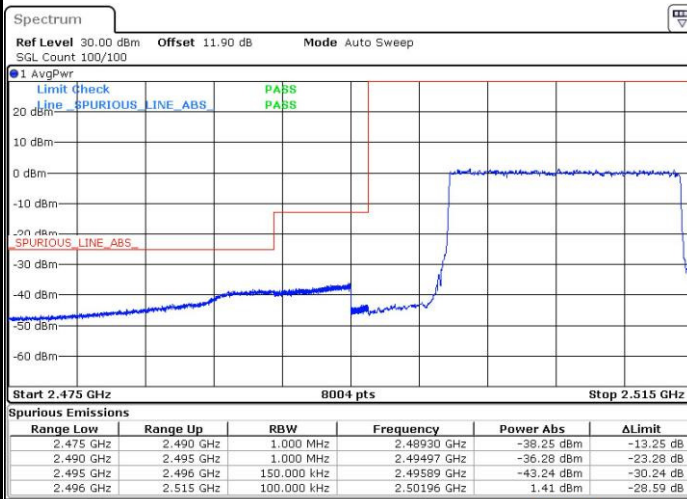
Date: 22 DEC 2016 12:20:14

Highest Band Edge / 1 RB



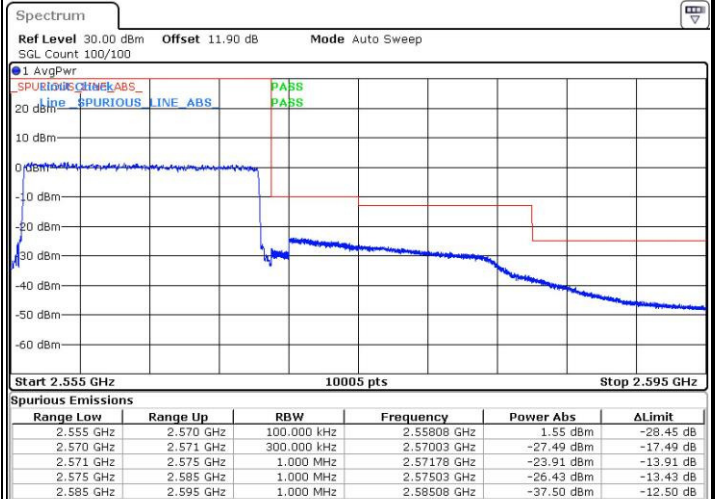
Date: 22 DEC 2016 12:24:52

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:22:33

Highest Band Edge / Full RB

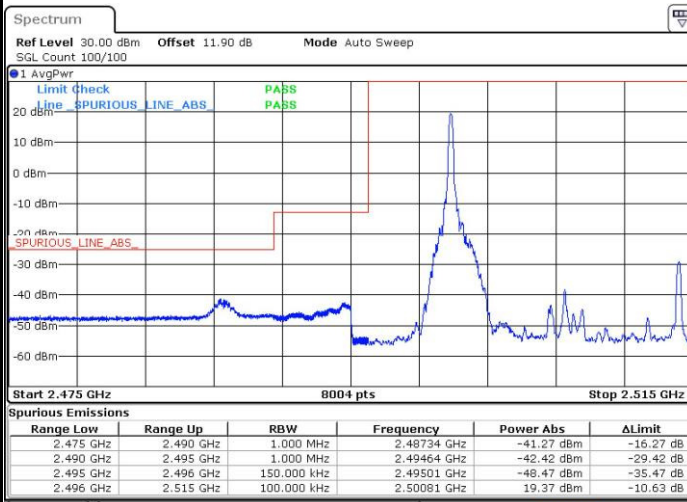


Date: 22 DEC 2016 12:27:12



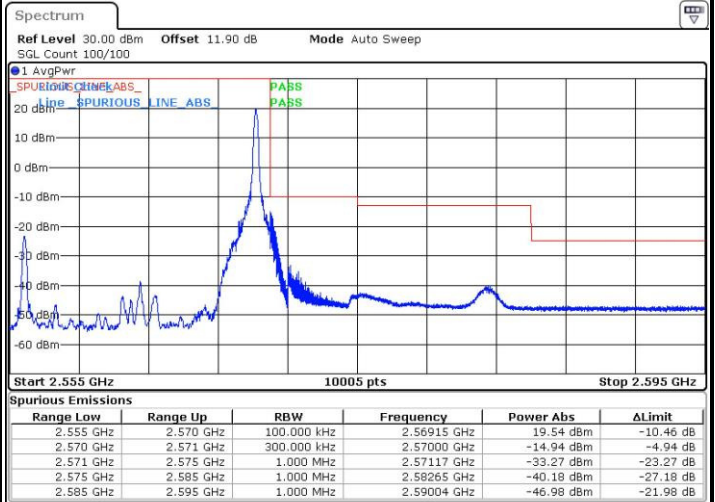
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



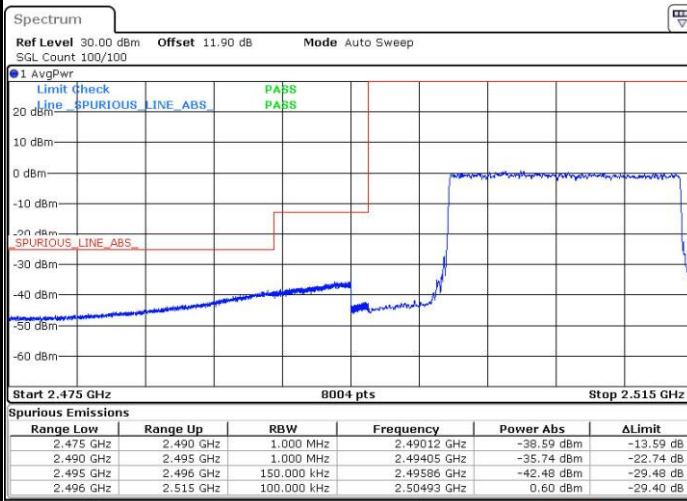
Date: 22 DEC 2016 12:21:23

Highest Band Edge / 1 RB



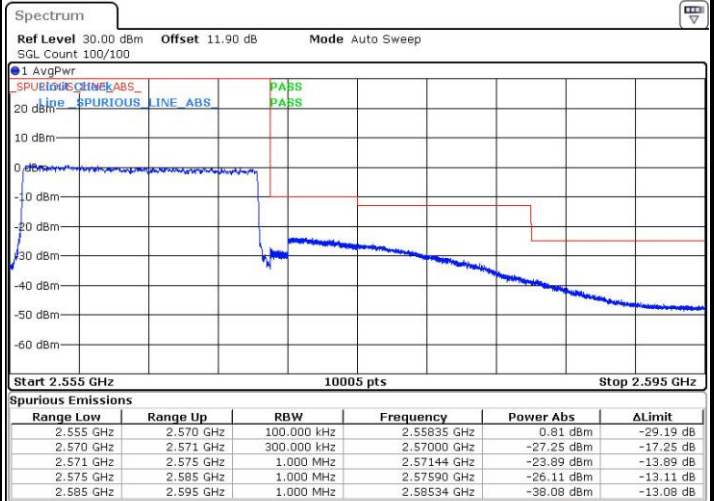
Date: 22 DEC 2016 12:28:02

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:23:43

Highest Band Edge / Full RB

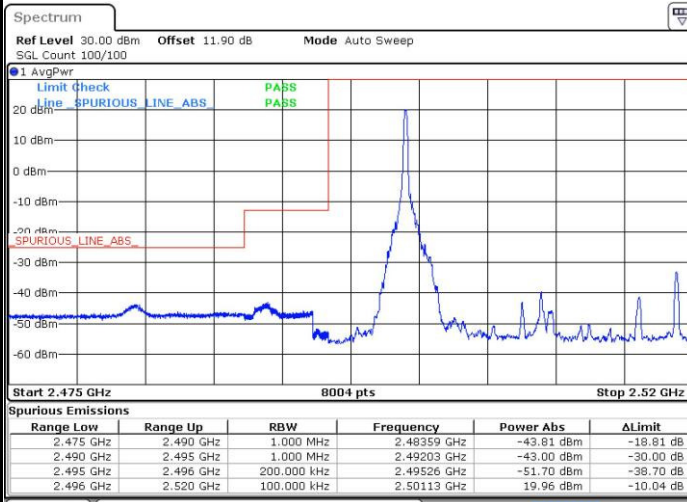


Date: 22 DEC 2016 12:28:22



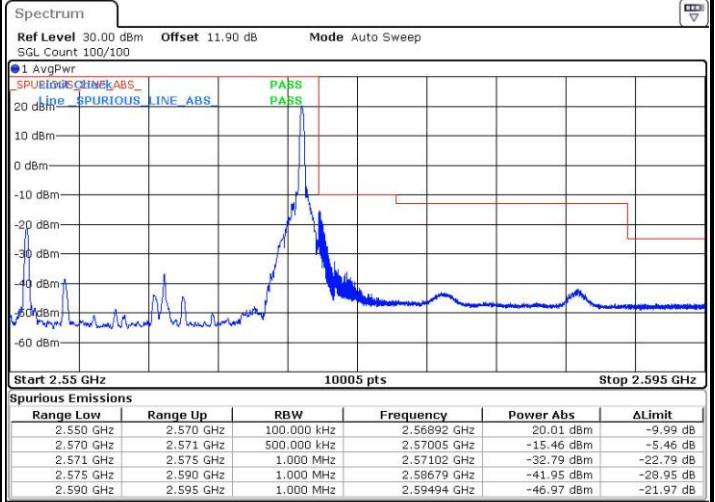
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



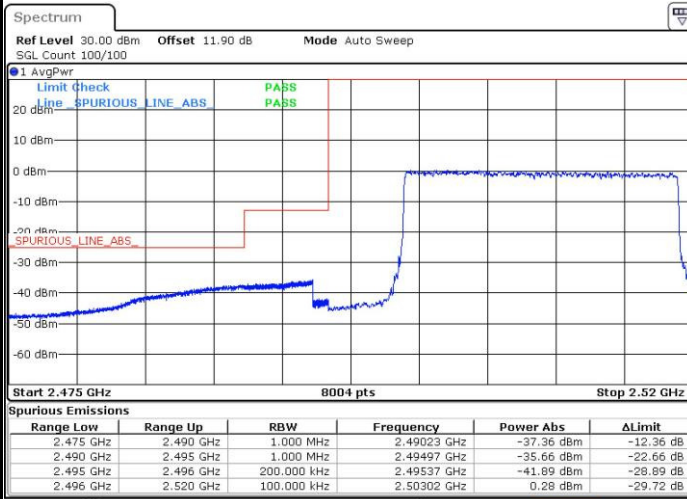
Date: 22 DEC 2016 12:29:31

Highest Band Edge / 1 RB



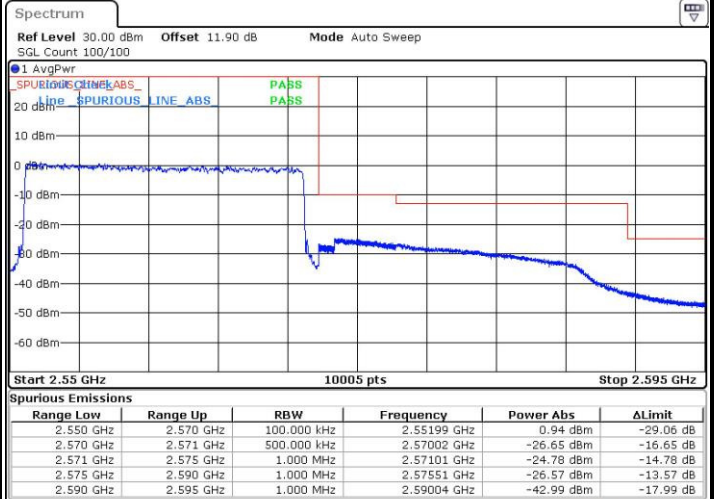
Date: 22 DEC 2016 12:34:10

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:31:51

Highest Band Edge / Full RB

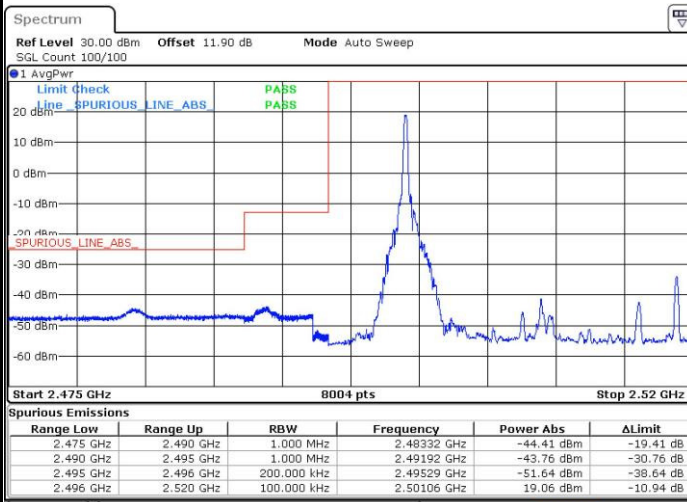


Date: 22 DEC 2016 12:37:39



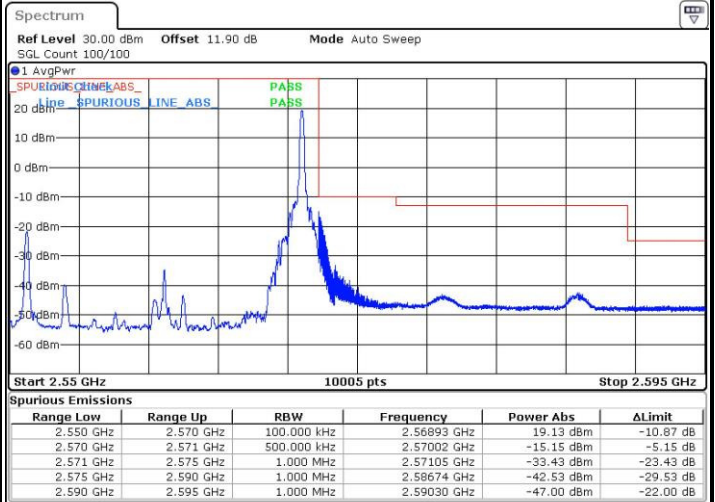
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



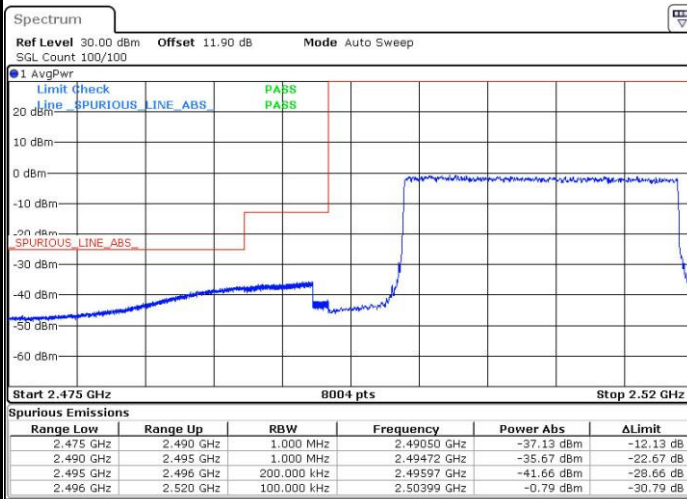
Date: 22 DEC 2016 12:30:41

Highest Band Edge / 1RB



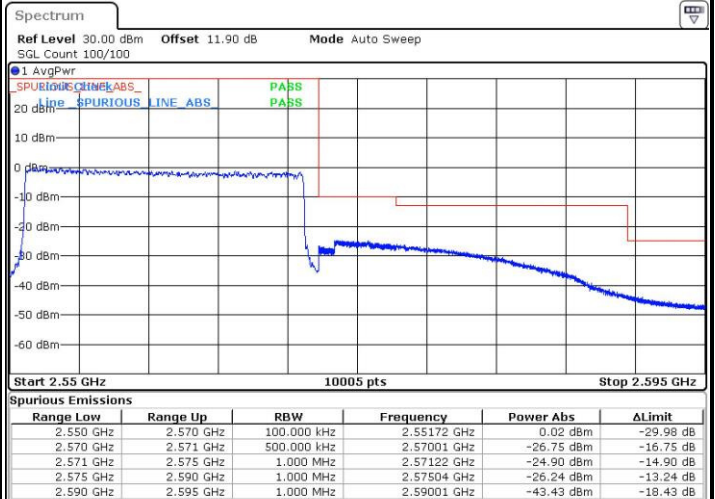
Date: 22 DEC 2016 12:35:20

Lowest Band Edge / Full RB



Date: 22 DEC 2016 12:33:00

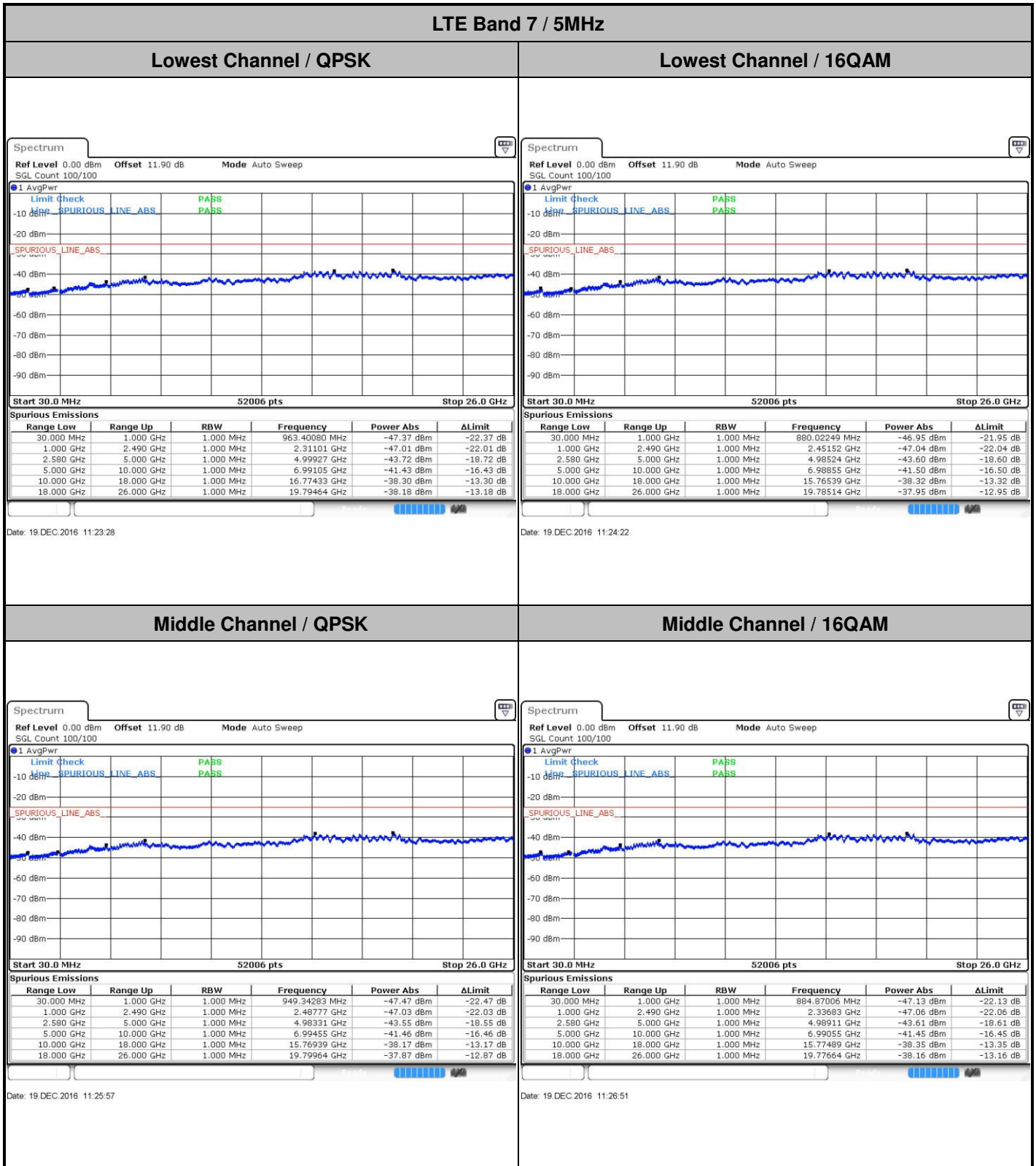
Highest Band Edge / Full RB



Date: 22 DEC 2016 12:36:30



Conducted Spurious Emission

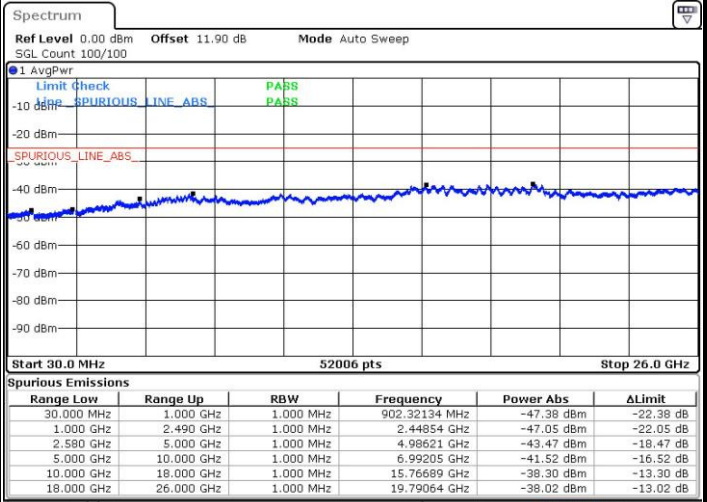
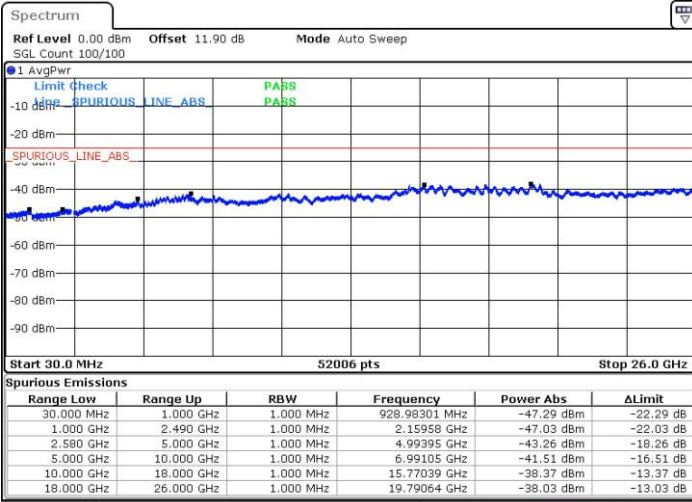




LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



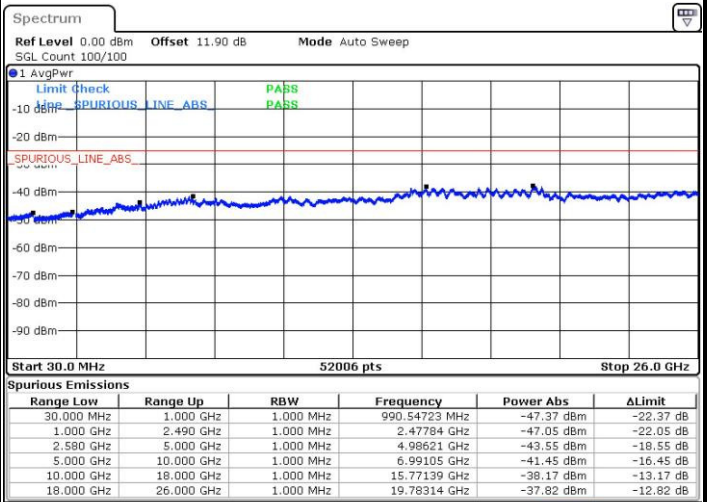
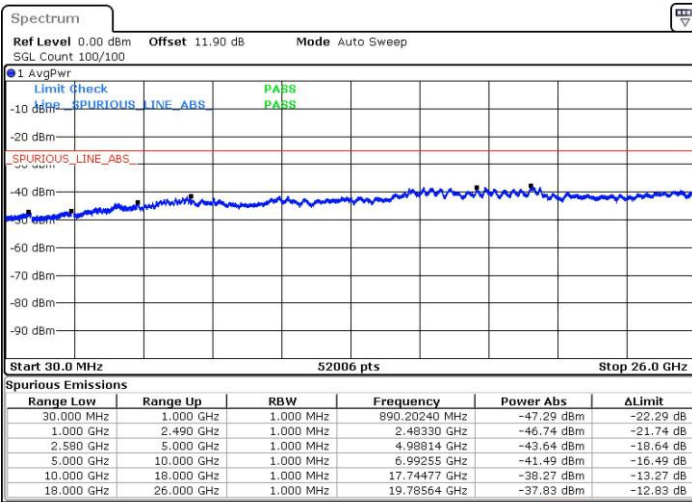
Date: 19.DEC.2016 11:33:06

Date: 19.DEC.2016 11:34:00

LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 19.DEC.2016 11:40:14

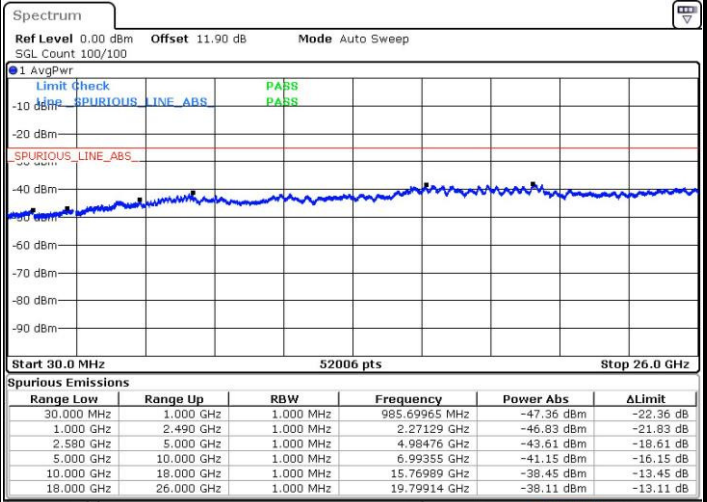
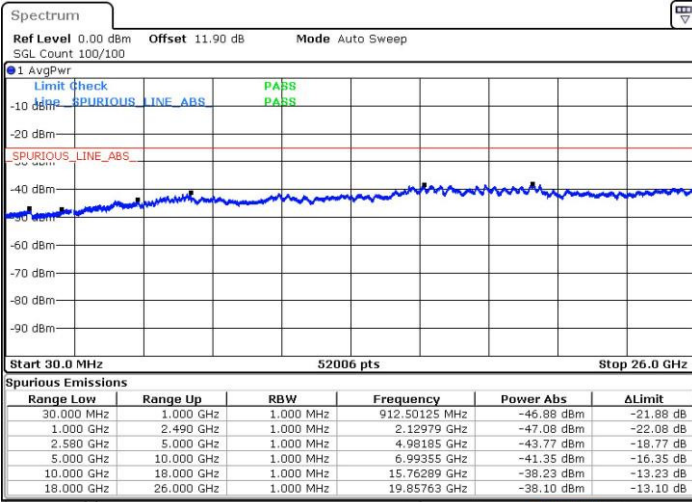
Date: 19.DEC.2016 11:41:08



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

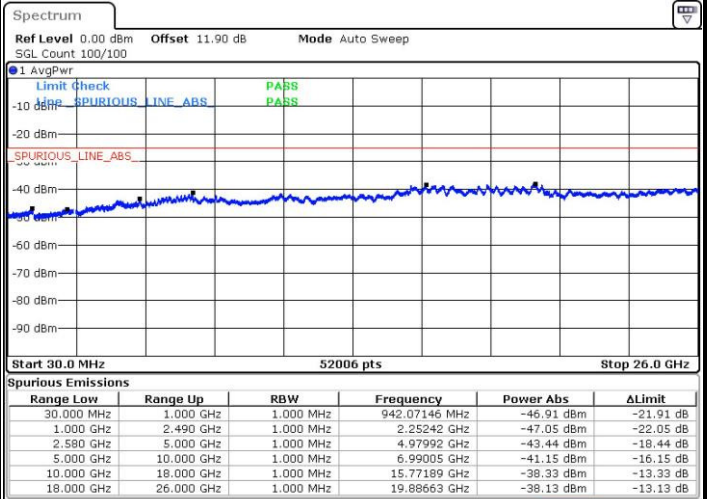
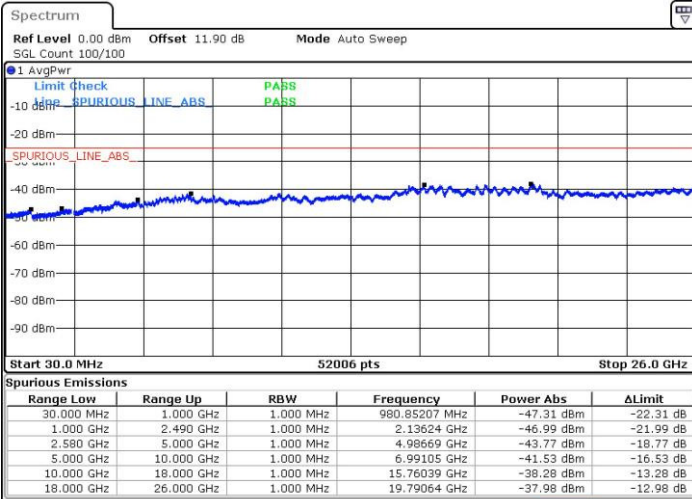


Date: 19.DEC.2016 11:42:44

Date: 19.DEC.2016 11:43:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.DEC.2016 11:49:52

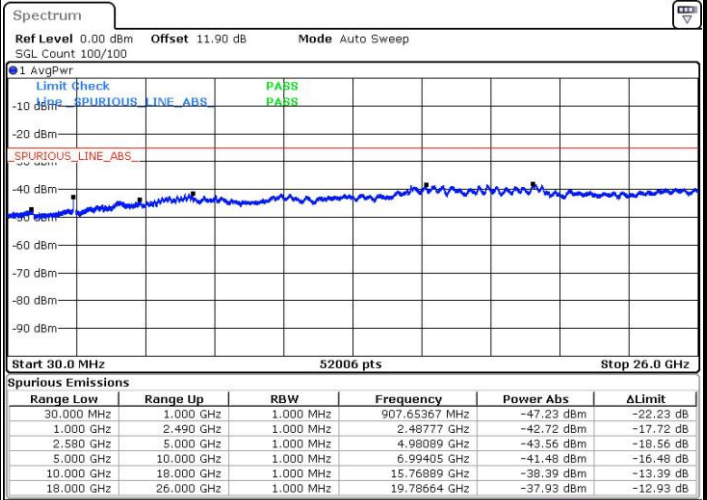
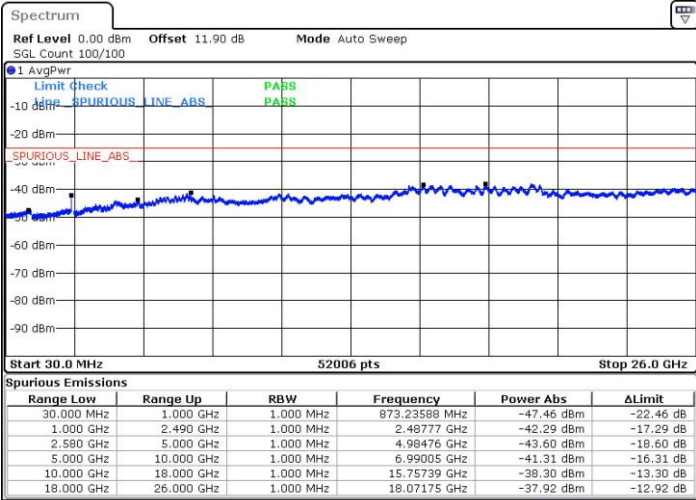
Date: 19.DEC.2016 11:50:46



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

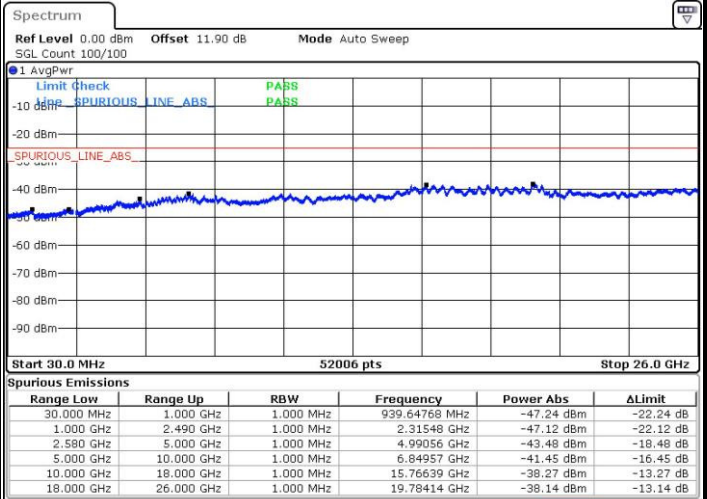
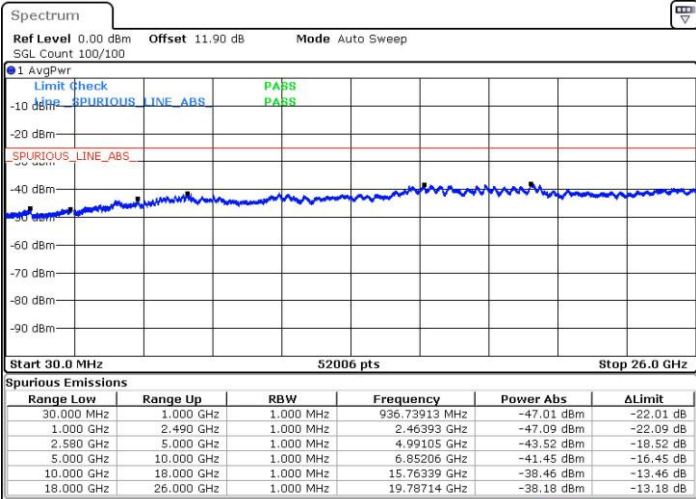


Date: 19.DEC.2016 11:57:01

Date: 19.DEC.2016 11:57:55

Middle Channel / QPSK

Middle Channel / 16QAM



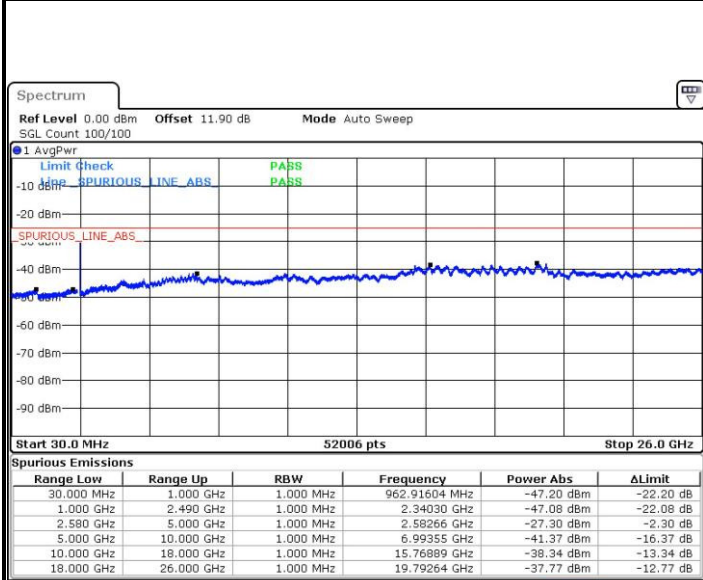
Date: 19.DEC.2016 11:59:31

Date: 19.DEC.2016 12:00:25



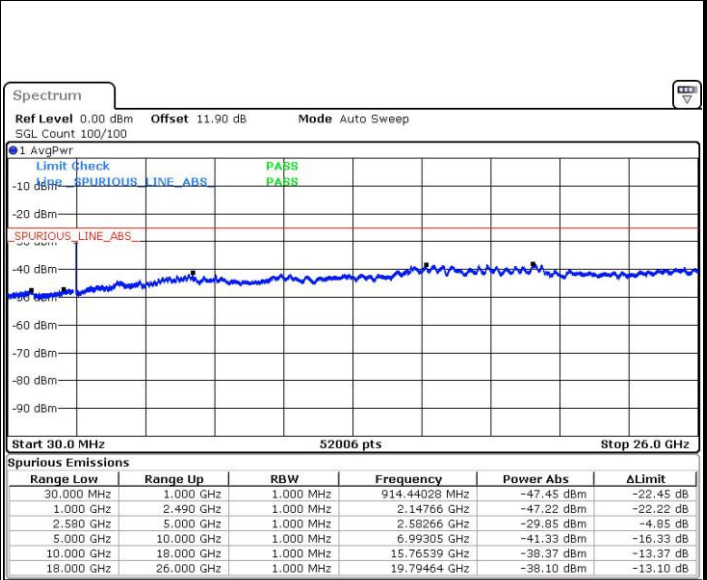
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 19.DEC.2016 12:06:39

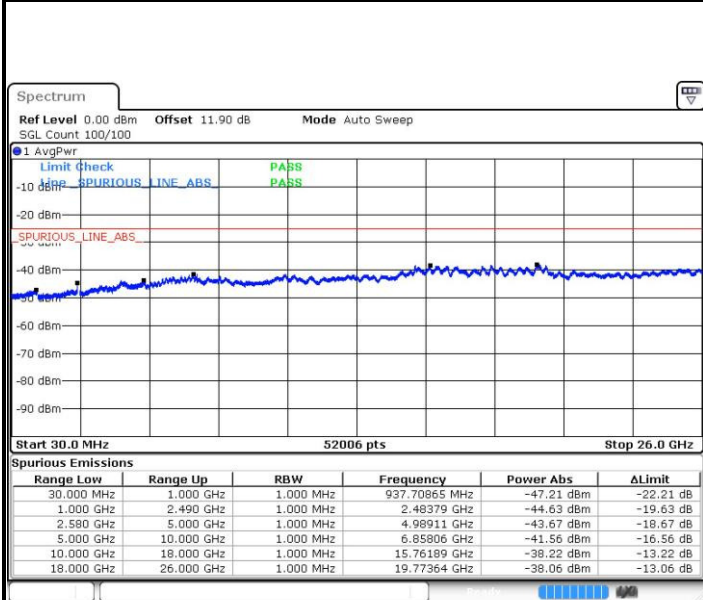
Highest Channel / 16QAM



Date: 19.DEC.2016 12:07:33

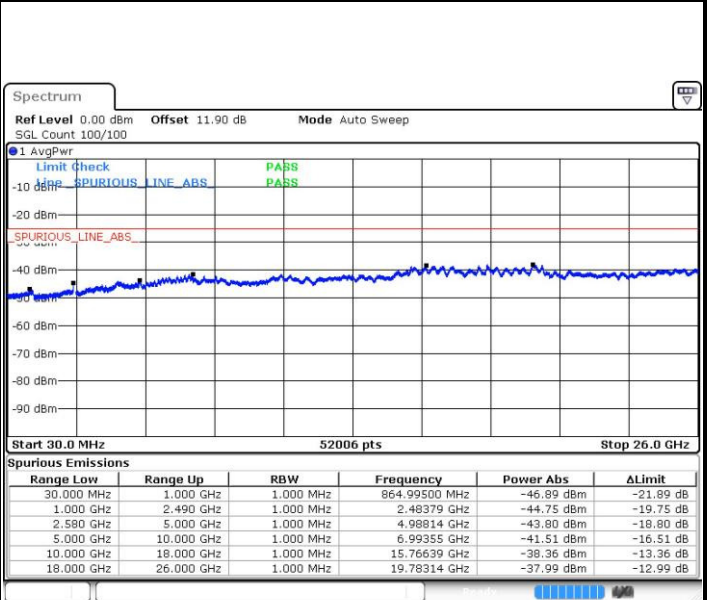
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 19.DEC.2016 12:13:48

Lowest Channel / 16QAM



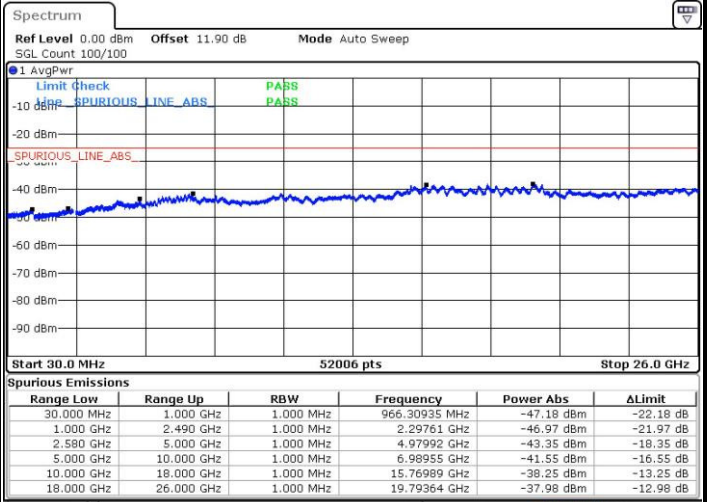
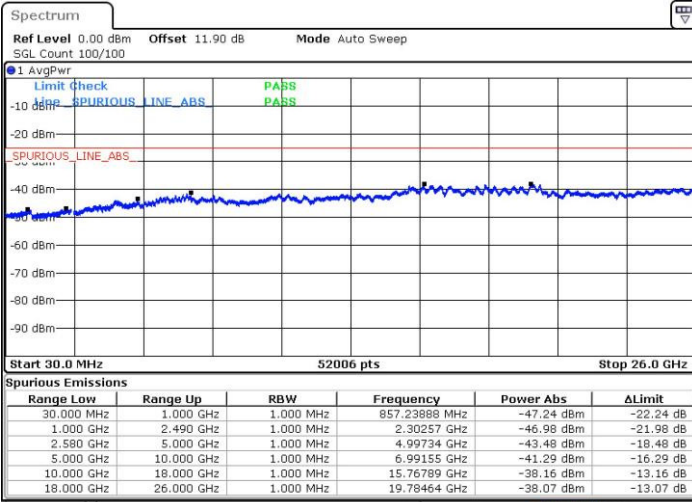
Date: 19.DEC.2016 12:14:42



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

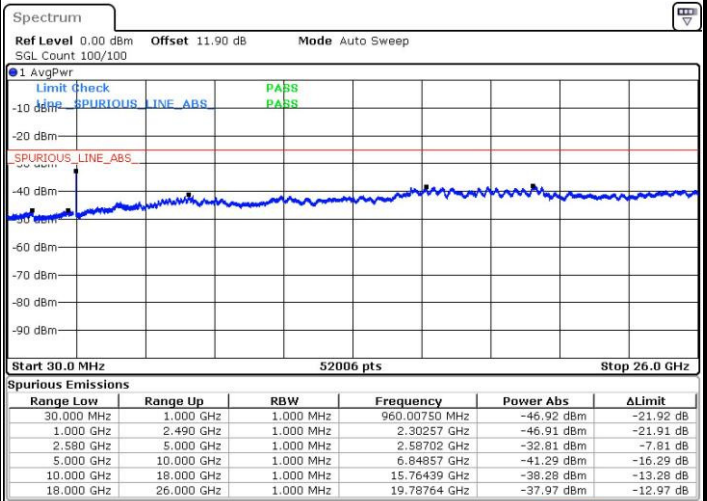
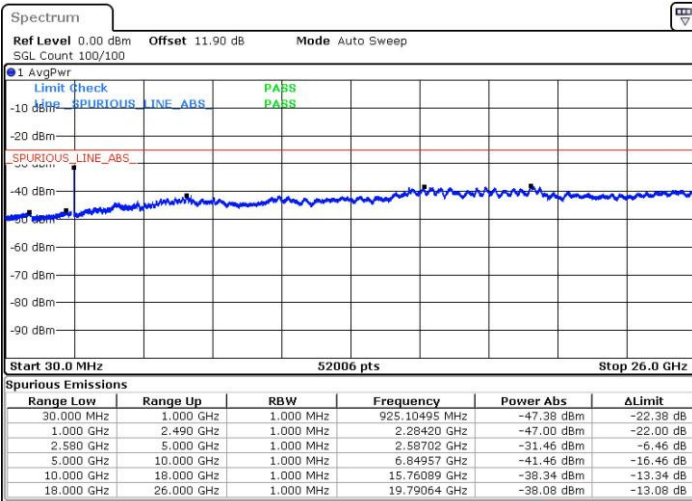


Date: 19.DEC.2016 12:16:17

Date: 19.DEC.2016 12:17:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.DEC.2016 12:23:25

Date: 19.DEC.2016 12:24:19



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	0.0095	PASS
40	Normal Voltage	0.0095	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0094	
-10	Normal Voltage	0.0101	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0102	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0100	

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	3.19	4.38	4.12	5.25	PASS
Middle CH	3.62	4.49	4.52	5.3	
Highest CH	3.3	4.55	4.32	5.59	



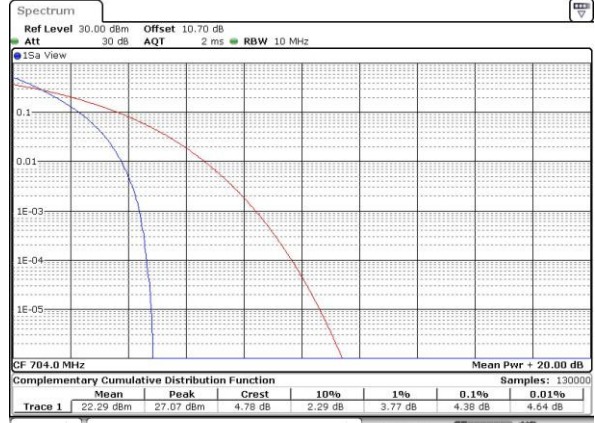
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 21 DEC 2016 10:04:42

Lowest Channel / Full RB



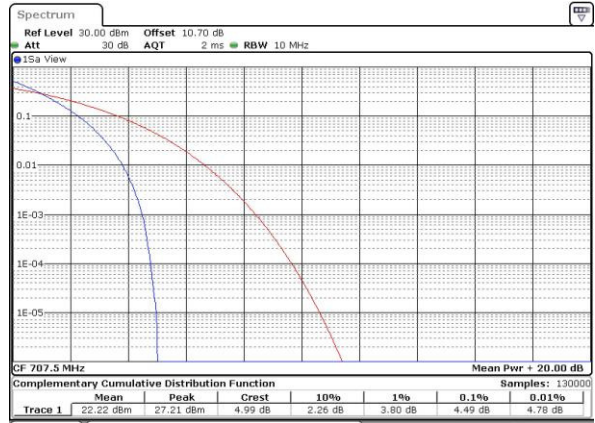
Date: 21 DEC 2016 10:04:32

Middle Channel / 1RB



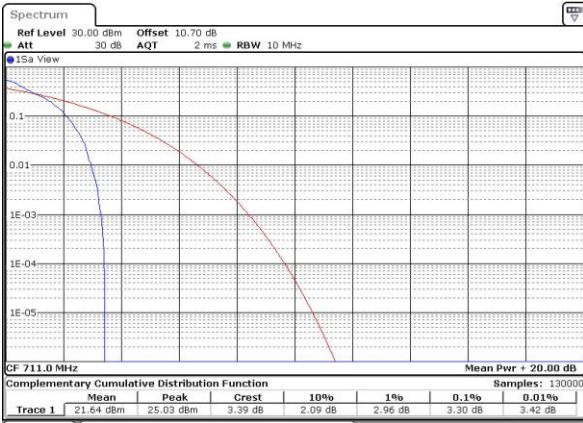
Date: 21 DEC 2016 10:05:00

Middle Channel / Full RB



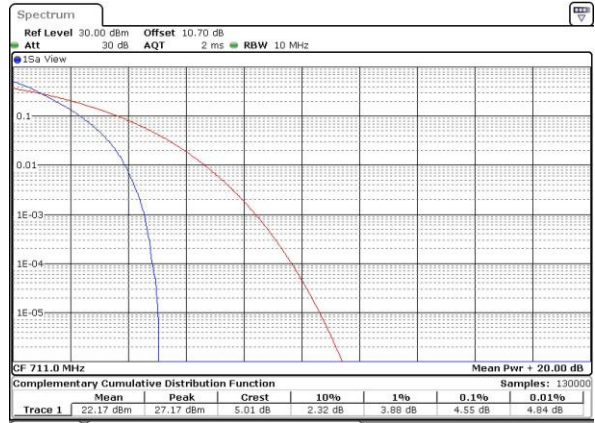
Date: 21 DEC 2016 10:05:13

Highest Channel / 1RB



Date: 21 DEC 2016 10:05:46

Highest Channel / Full RB



Date: 21 DEC 2016 10:05:33



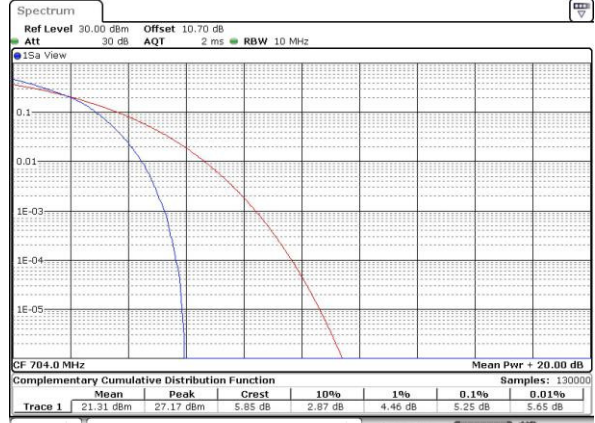
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



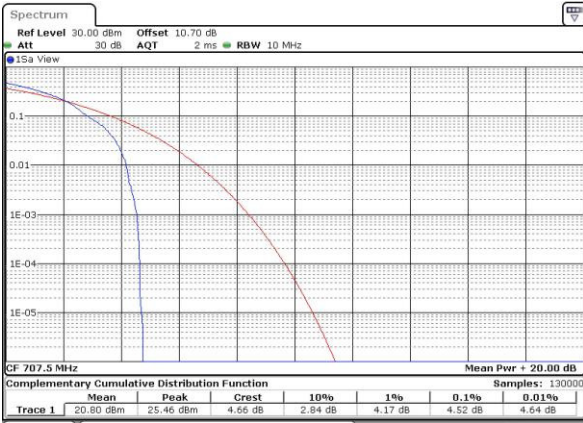
Date: 21 DEC 2016 10:02:15

Lowest Channel / Full RB



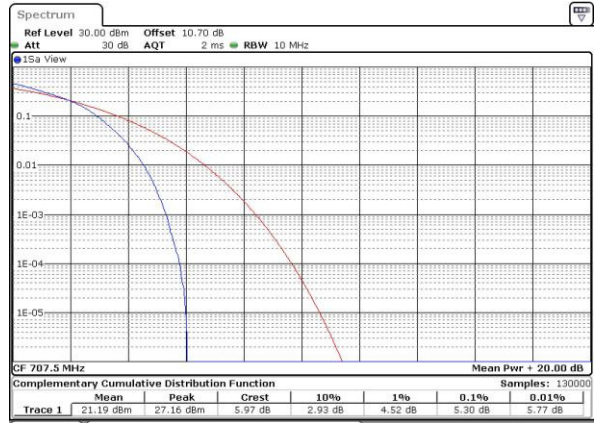
Date: 21 DEC 2016 10:01:59

Middle Channel / 1RB



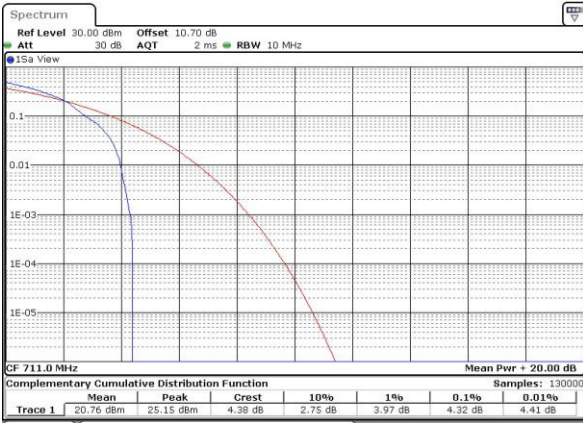
Date: 21 DEC 2016 10:03:21

Middle Channel / Full RB



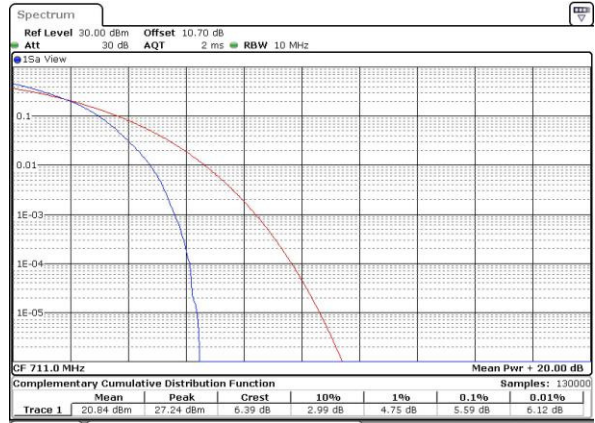
Date: 21 DEC 2016 10:03:39

Highest Channel / 1RB



Date: 21 DEC 2016 10:03:59

Highest Channel / Full RB



Date: 21 DEC 2016 10:03:49