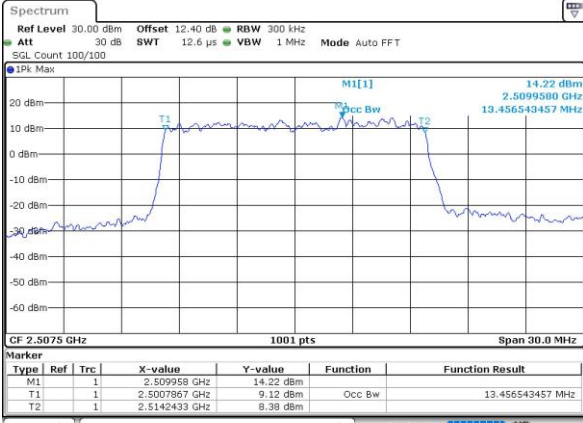




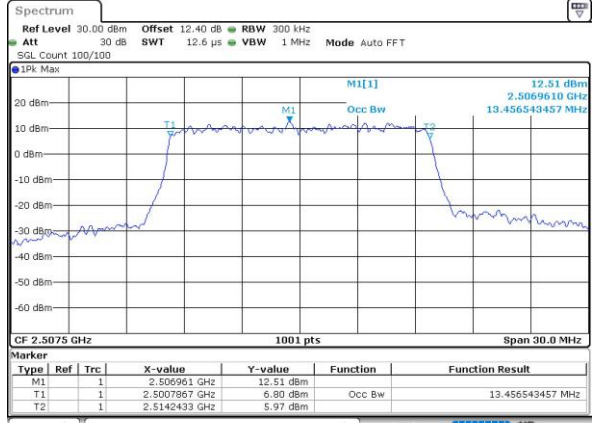
LTE Band 7

Lowest Channel / 15MHz / QPSK



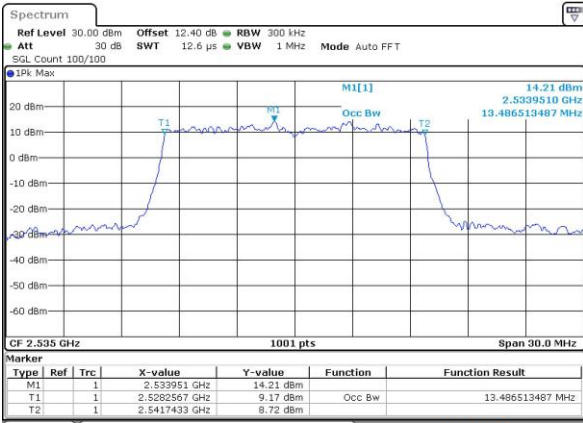
Date: 2.NOV.2018 20:22:57

Lowest Channel / 15MHz / 16QAM



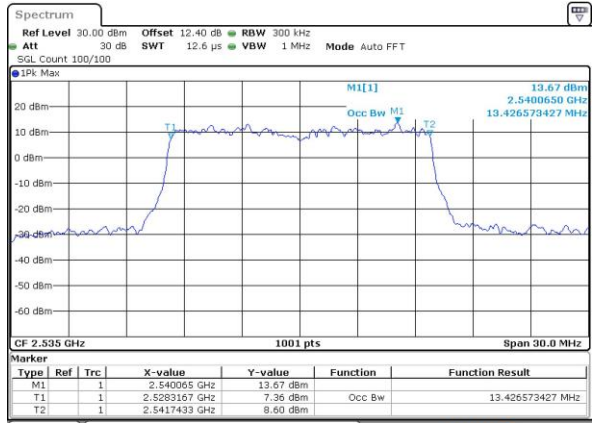
Date: 2.NOV.2018 20:23:08

Middle Channel / 15MHz / QPSK



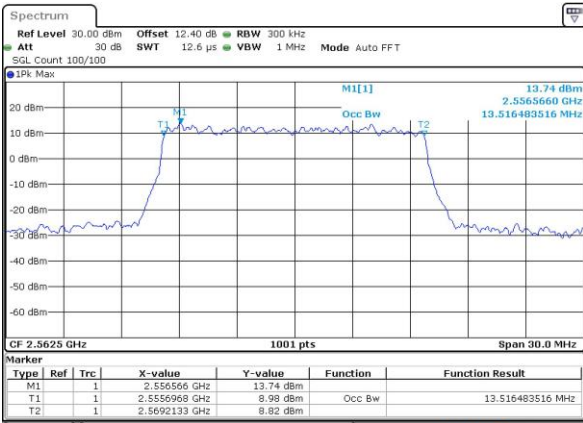
Date: 2.NOV.2018 20:29:39

Middle Channel / 15MHz / 16QAM



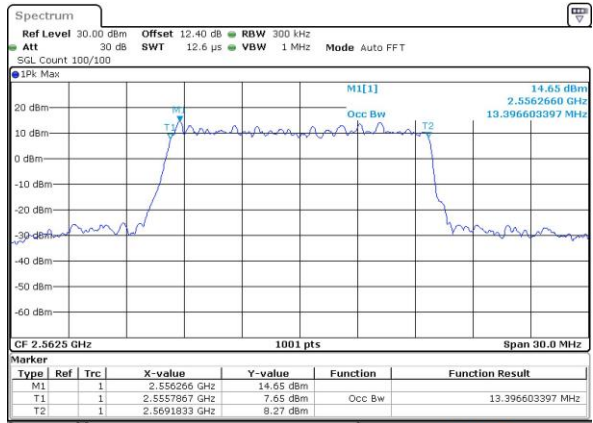
Date: 2.NOV.2018 20:29:50

Highest Channel / 15MHz / QPSK



Date: 2.NOV.2018 20:32:22

Highest Channel / 15MHz / 16QAM

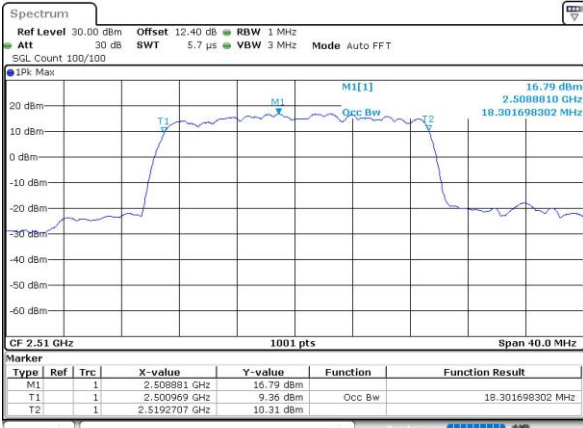


Date: 2.NOV.2018 20:32:33



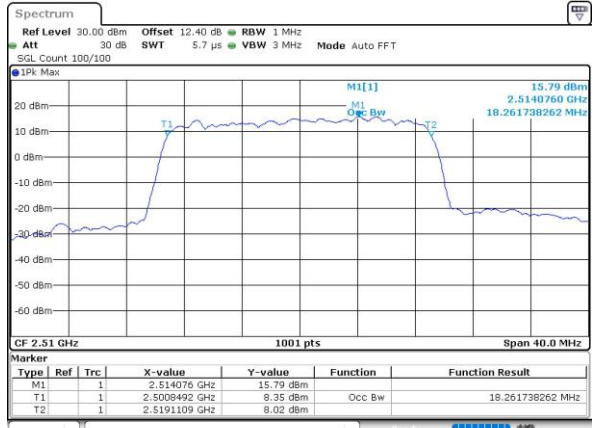
LTE Band 7

Lowest Channel / 20MHz / QPSK



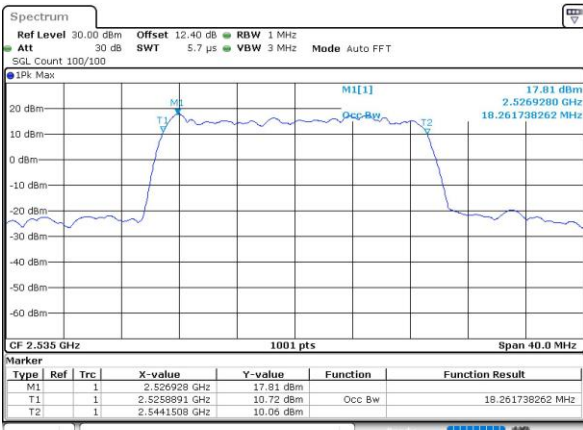
Date: 2.NOV.2018 20:39:04

Lowest Channel / 20MHz / 16QAM



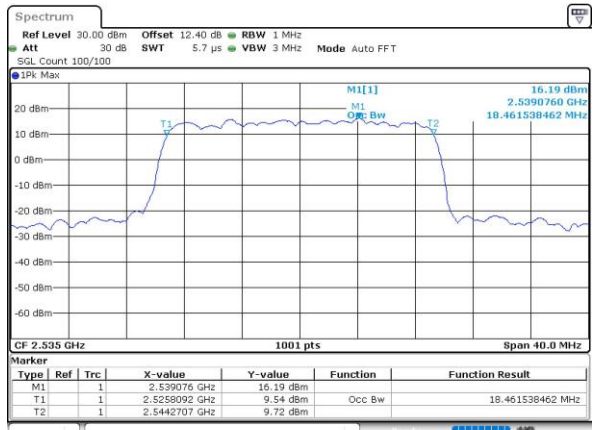
Date: 2.NOV.2018 20:39:15

Middle Channel / 20MHz / QPSK



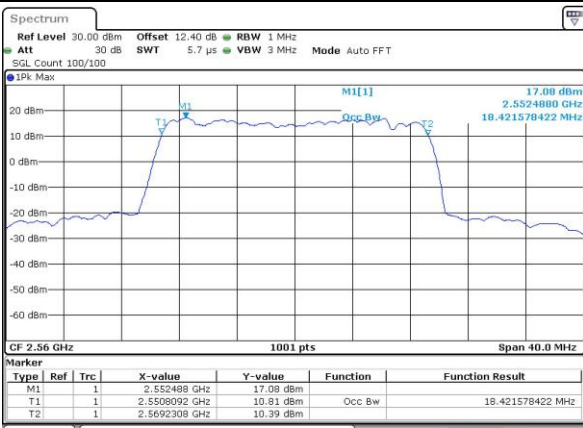
Date: 2.NOV.2018 20:45:46

Middle Channel / 20MHz / 16QAM



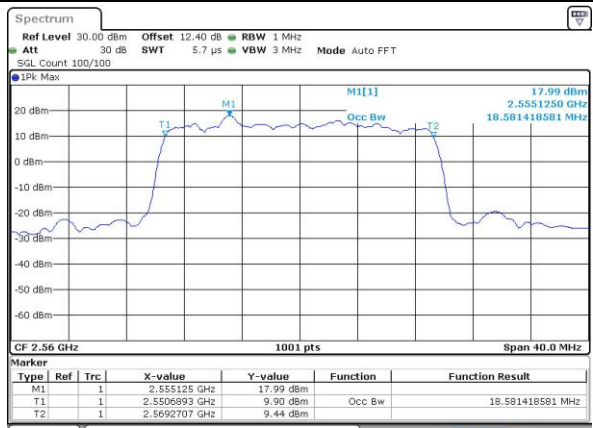
Date: 2.NOV.2018 20:45:57

Highest Channel / 20MHz / QPSK



Date: 2.NOV.2018 20:48:29

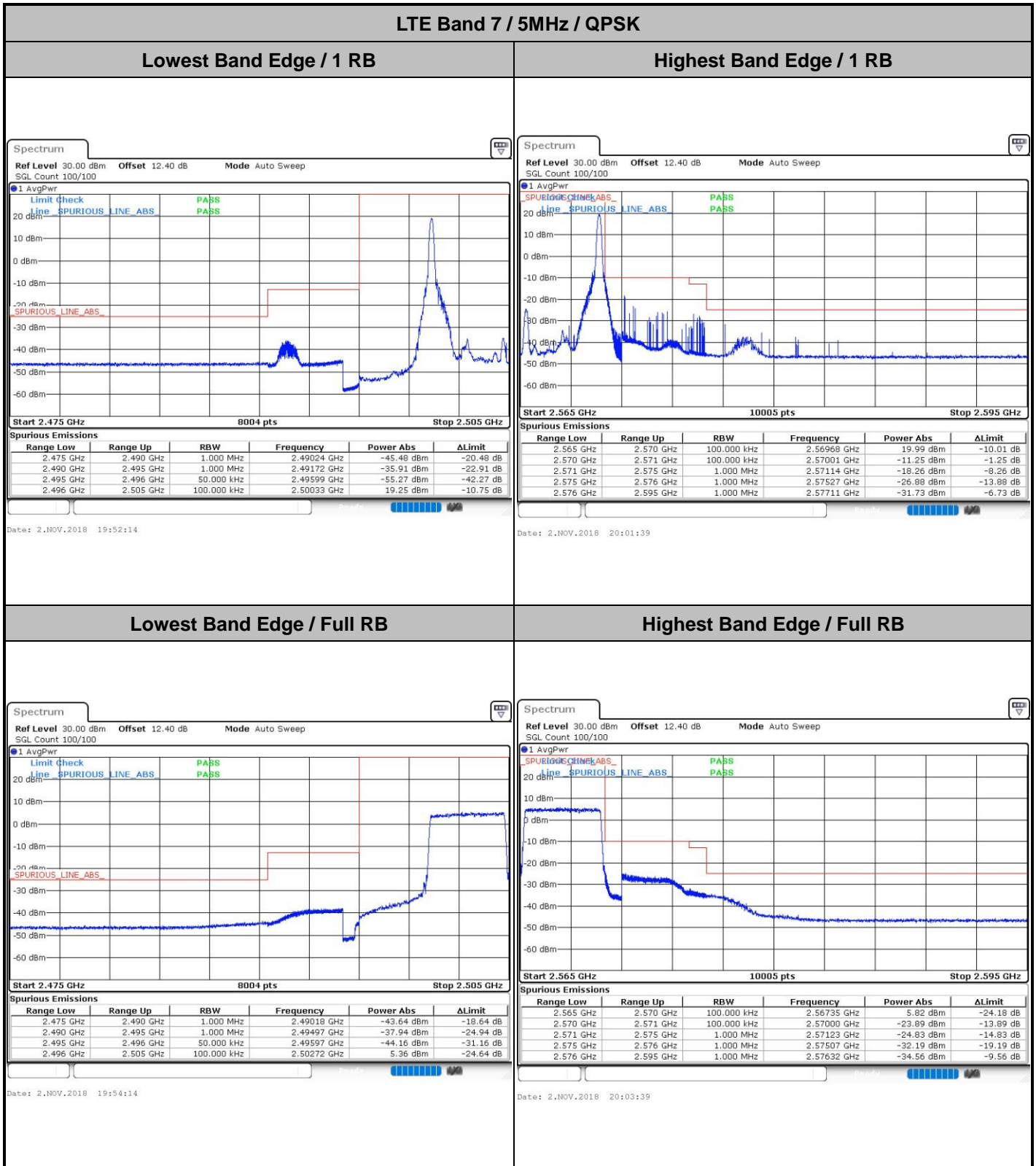
Highest Channel / 20MHz / 16QAM



Date: 2.NOV.2018 20:48:40



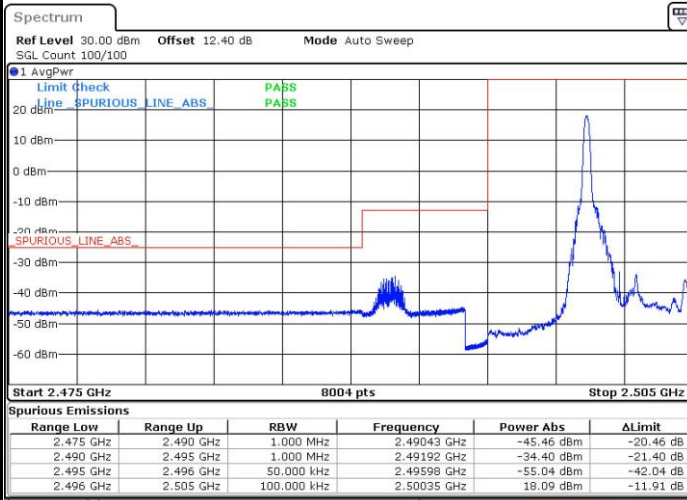
Conducted Band Edge





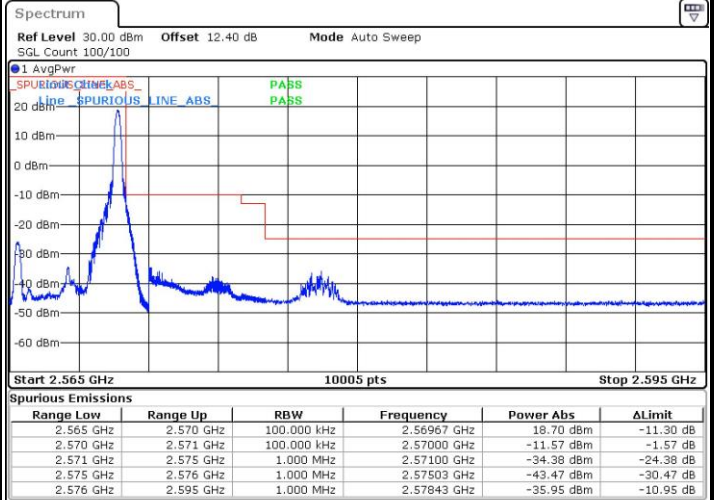
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 2.NOV.2018 19:53:14

Highest Band Edge / 1 RB



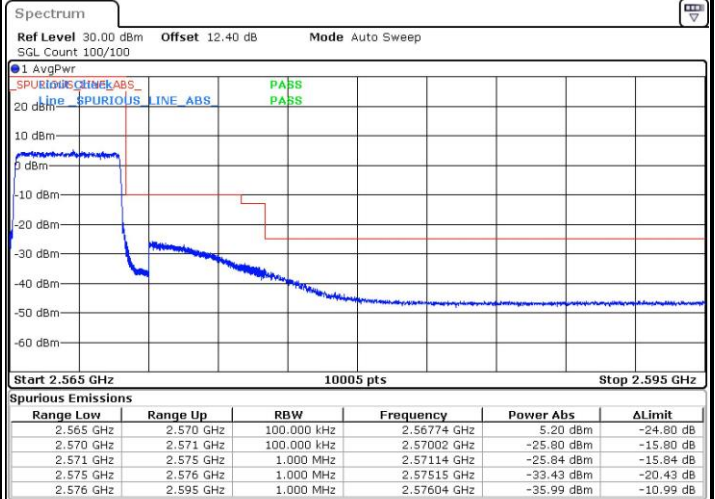
Date: 2.NOV.2018 20:02:39

Lowest Band Edge / Full RB



Date: 2.NOV.2018 19:55:13

Highest Band Edge / Full RB

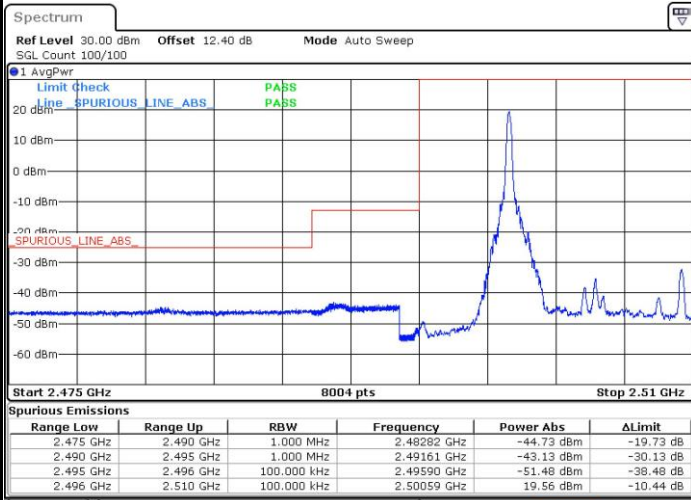


Date: 2.NOV.2018 20:04:39



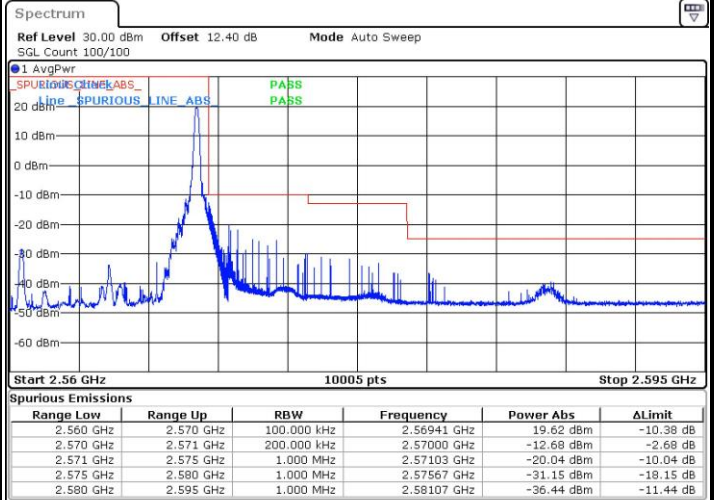
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 2.NOV.2018 20:08:22

Highest Band Edge / 1 RB



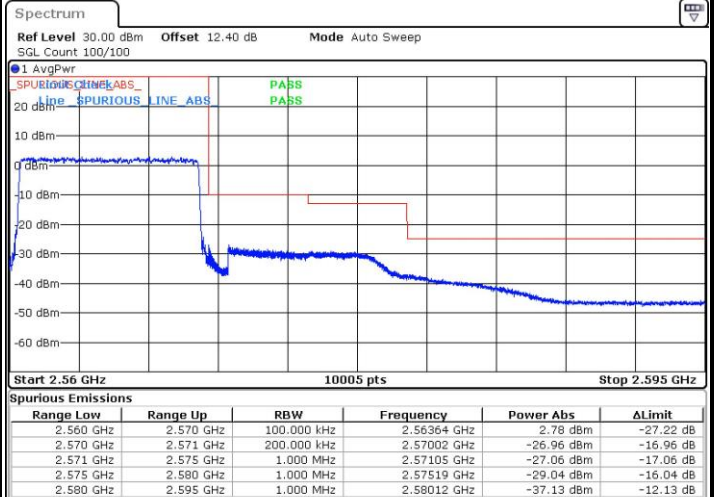
Date: 2.NOV.2018 20:17:48

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:10:21

Highest Band Edge / Full RB

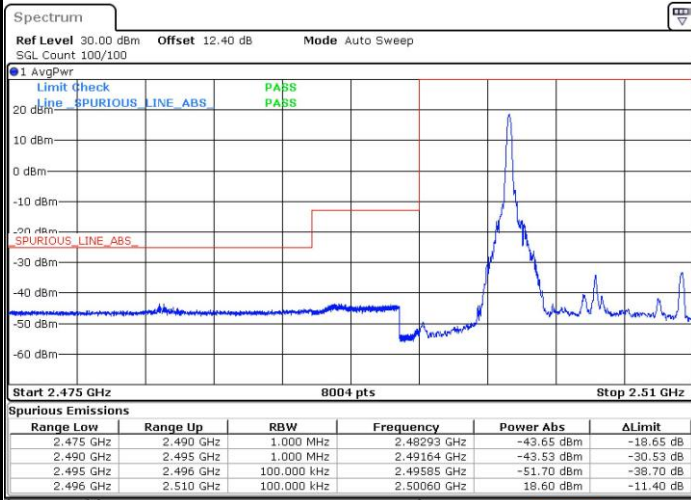


Date: 2.NOV.2018 20:19:48



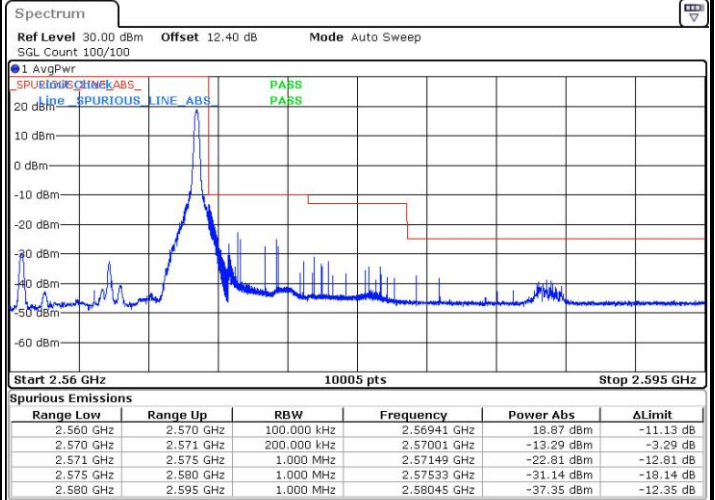
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



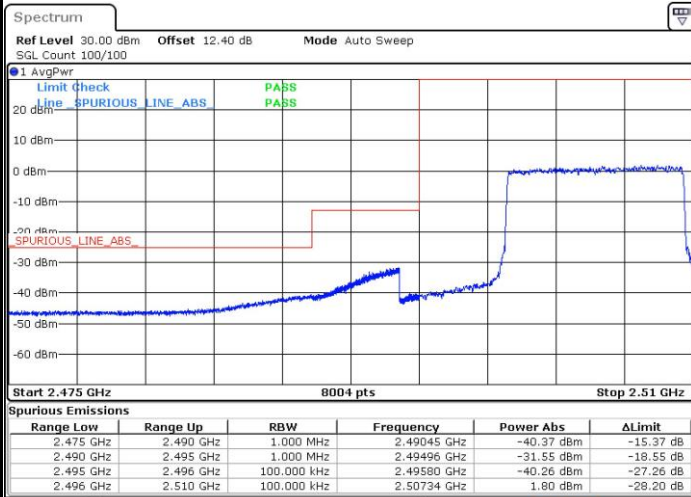
Date: 2.NOV.2018 20:09:21

Highest Band Edge / 1 RB



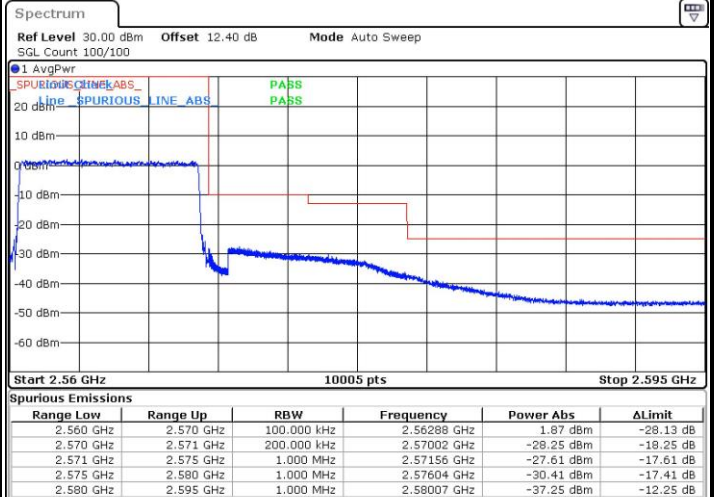
Date: 2.NOV.2018 20:18:47

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:11:21

Highest Band Edge / Full RB

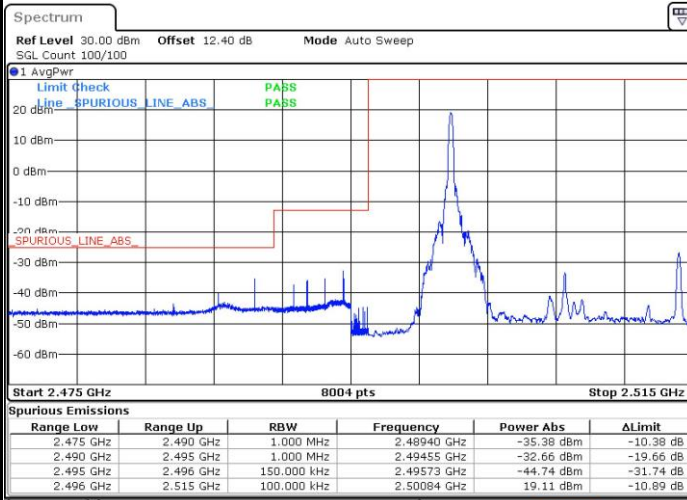


Date: 2.NOV.2018 20:20:47



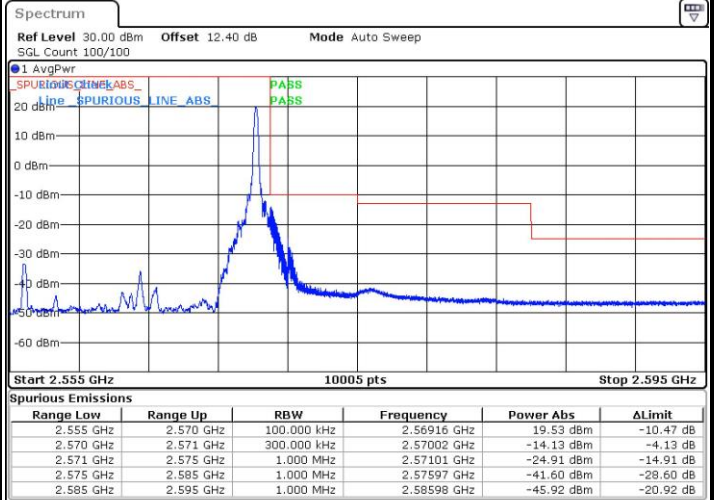
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



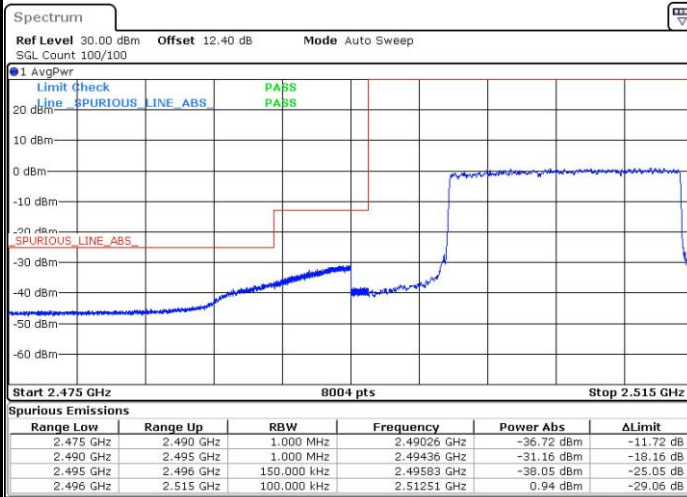
Date: 2.NOV.2018 20:24:30

Highest Band Edge / 1 RB



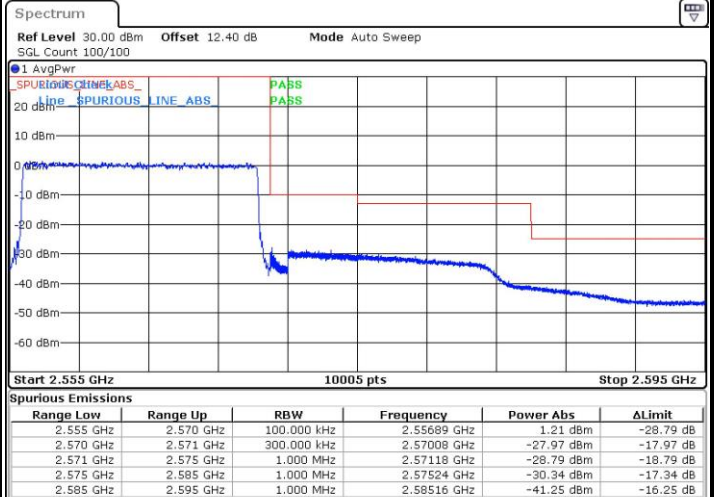
Date: 2.NOV.2018 20:33:55

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:26:30

Highest Band Edge / Full RB

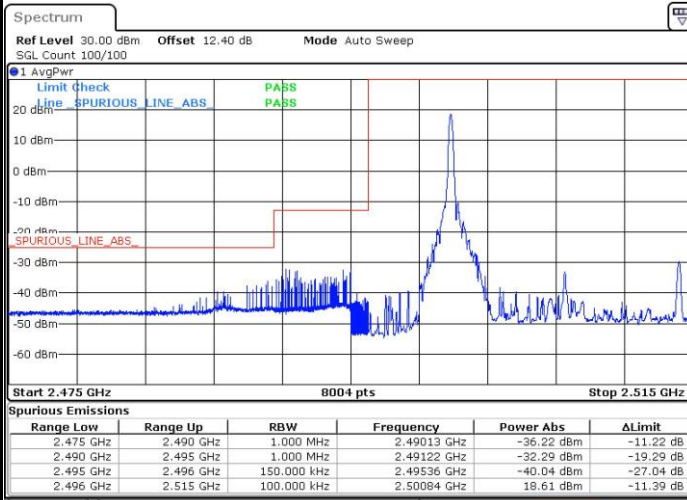


Date: 2.NOV.2018 20:35:55



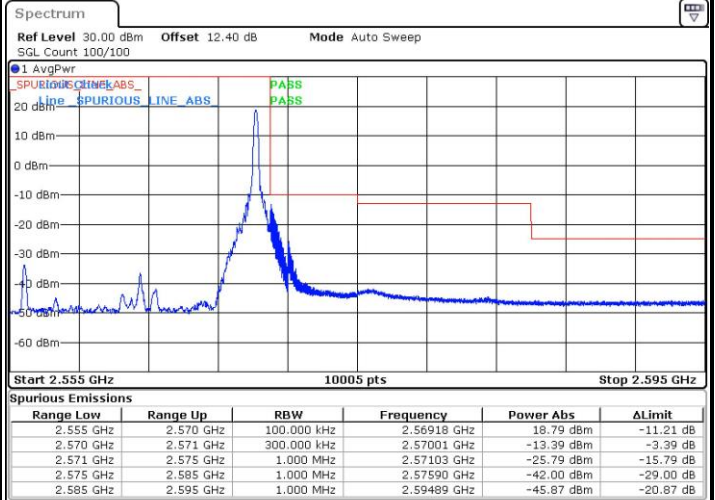
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



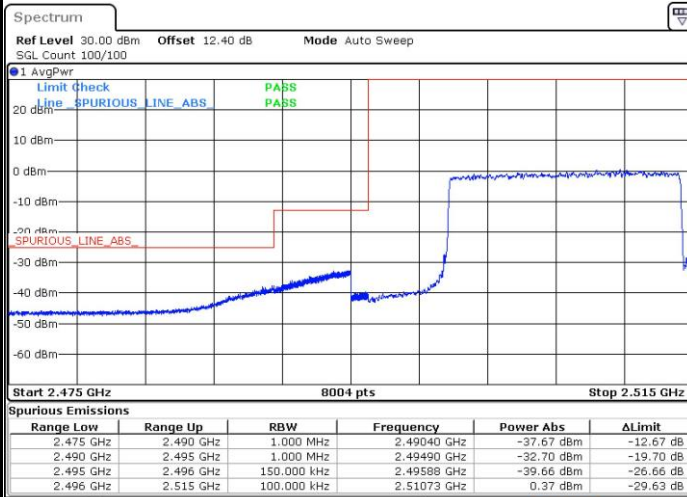
Date: 2.NOV.2018 20:25:30

Highest Band Edge / 1 RB



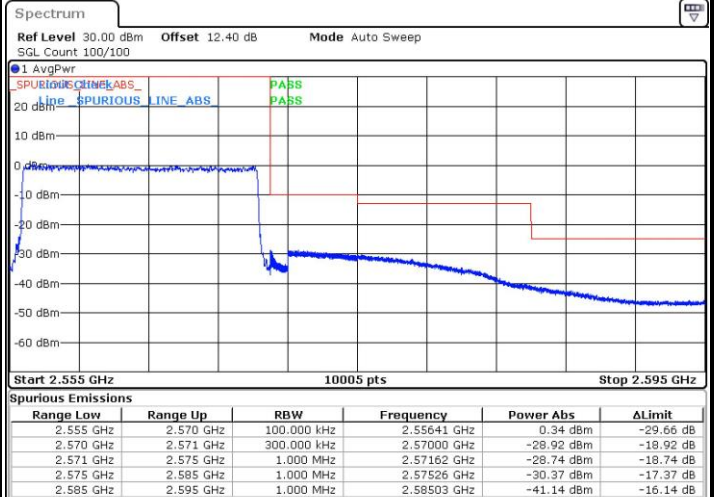
Date: 2.NOV.2018 20:34:55

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:27:29

Highest Band Edge / Full RB

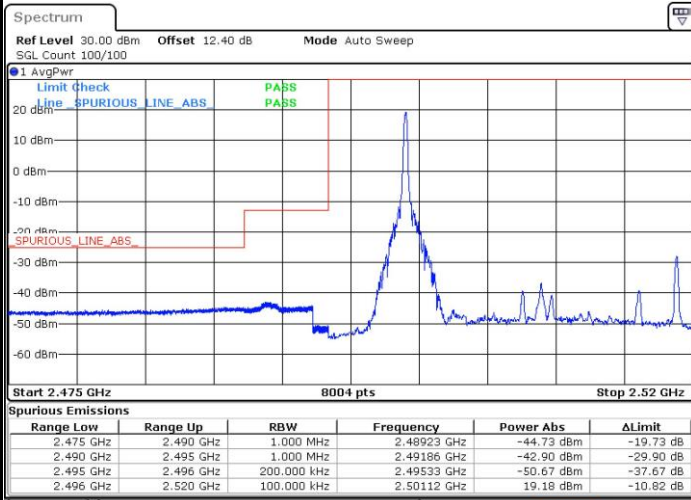


Date: 2.NOV.2018 20:36:55



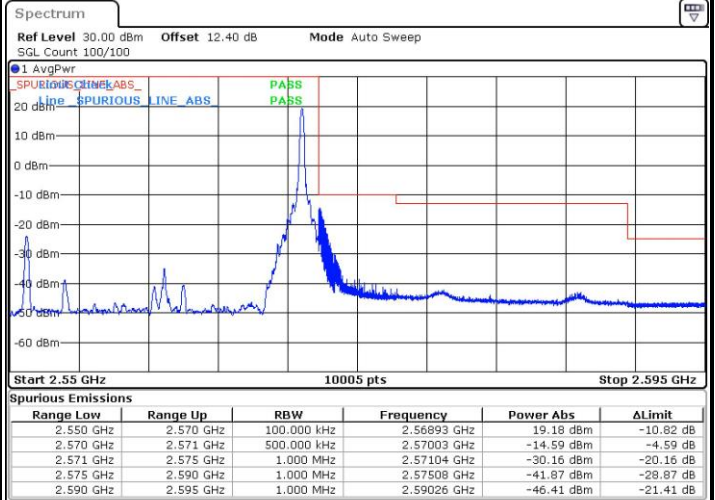
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



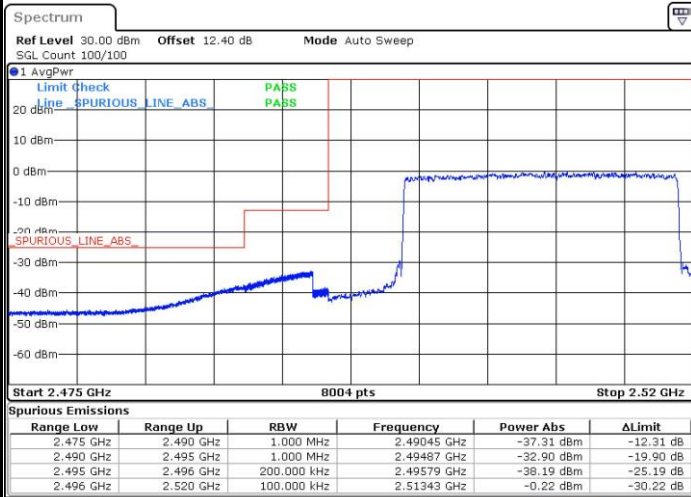
Date: 2.NOV.2018 20:40:37

Highest Band Edge / 1 RB



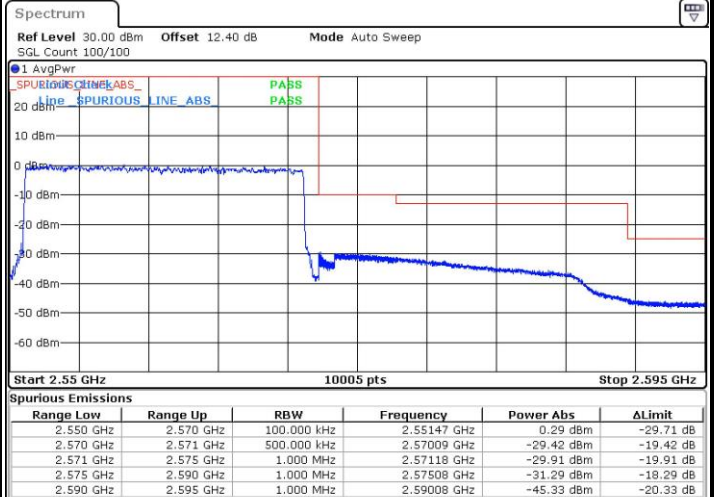
Date: 2.NOV.2018 20:50:02

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:42:37

Highest Band Edge / Full RB

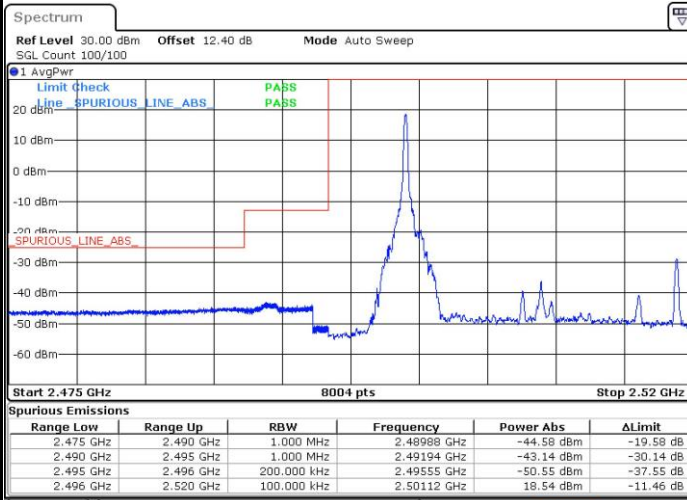


Date: 2.NOV.2018 20:53:02



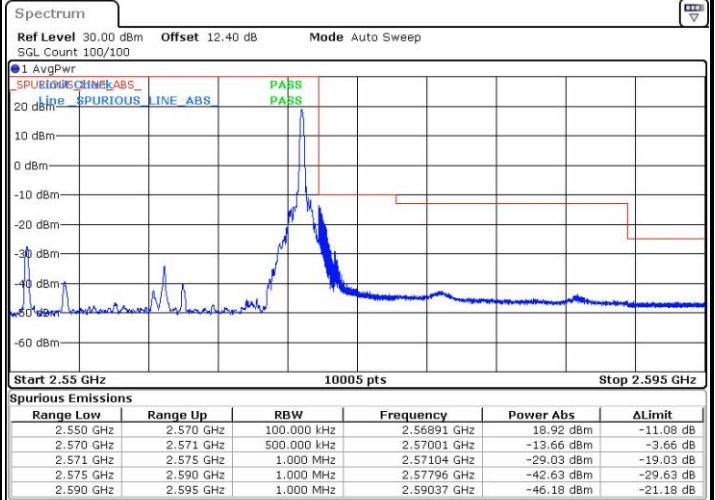
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



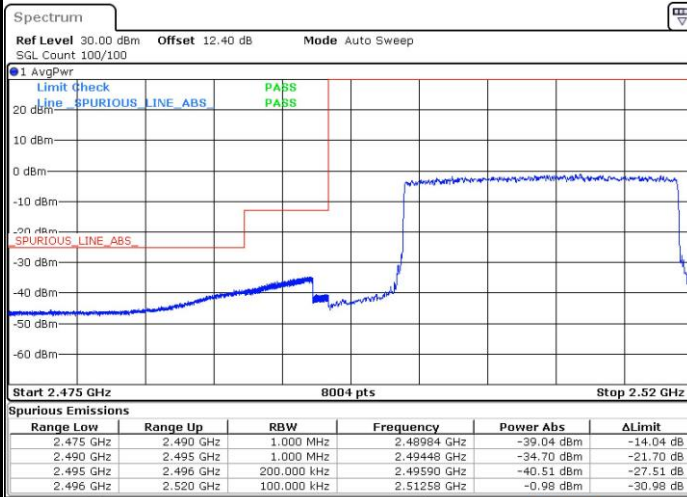
Date: 2.NOV.2018 20:41:37

Highest Band Edge / 1RB



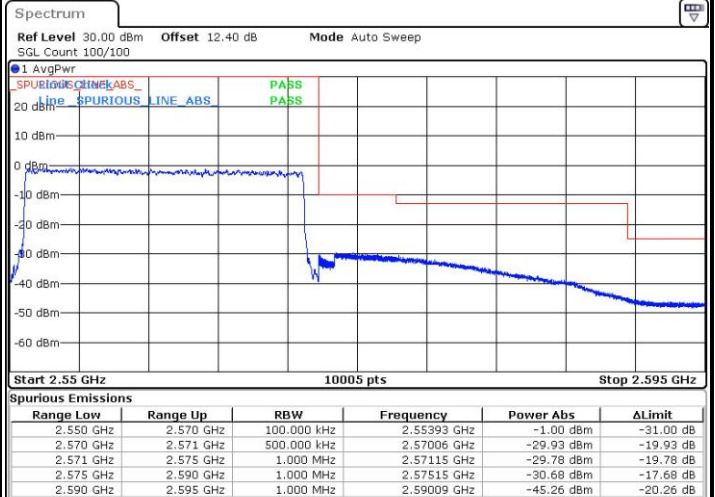
Date: 2.NOV.2018 20:51:02

Lowest Band Edge / Full RB



Date: 2.NOV.2018 20:43:36

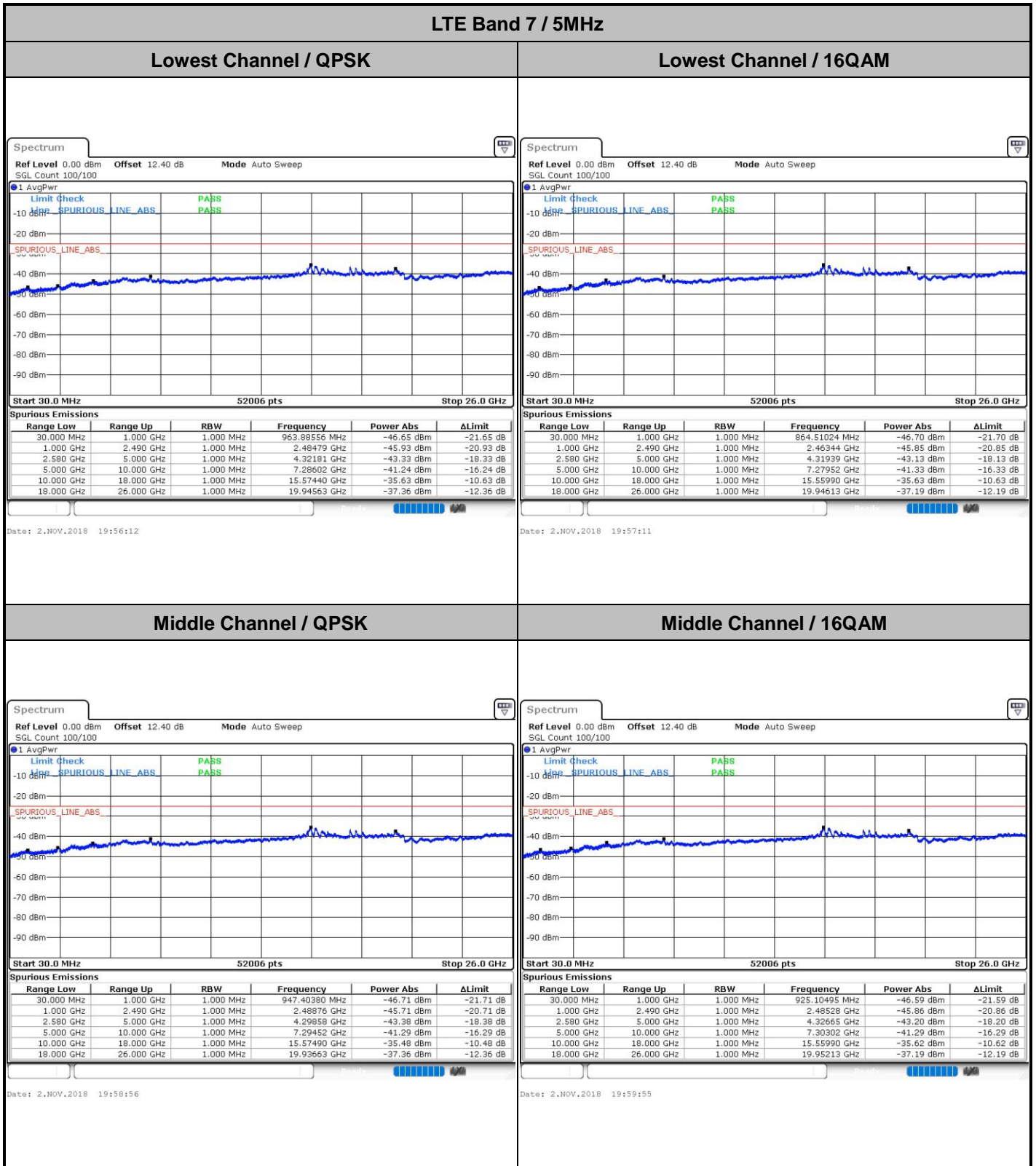
Highest Band Edge / Full RB



Date: 2.NOV.2018 20:52:02



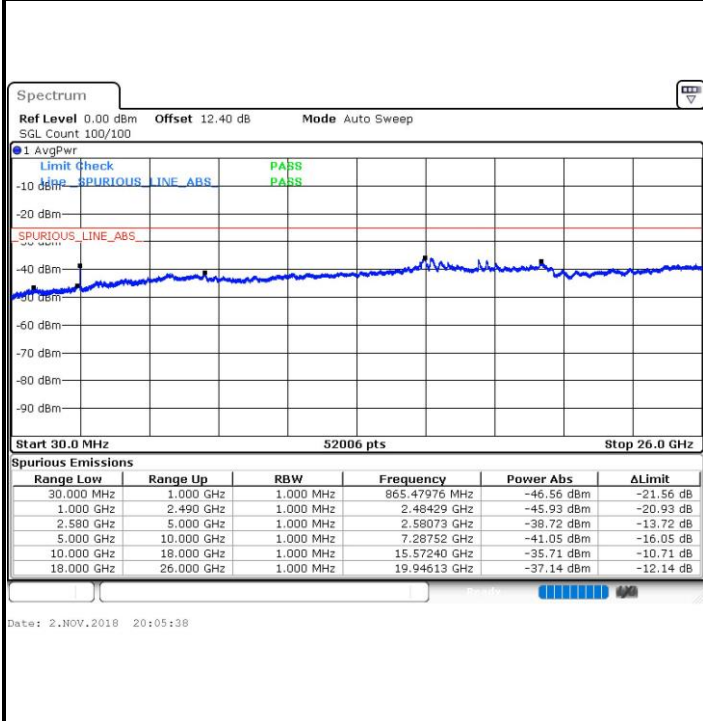
Conducted Spurious Emission



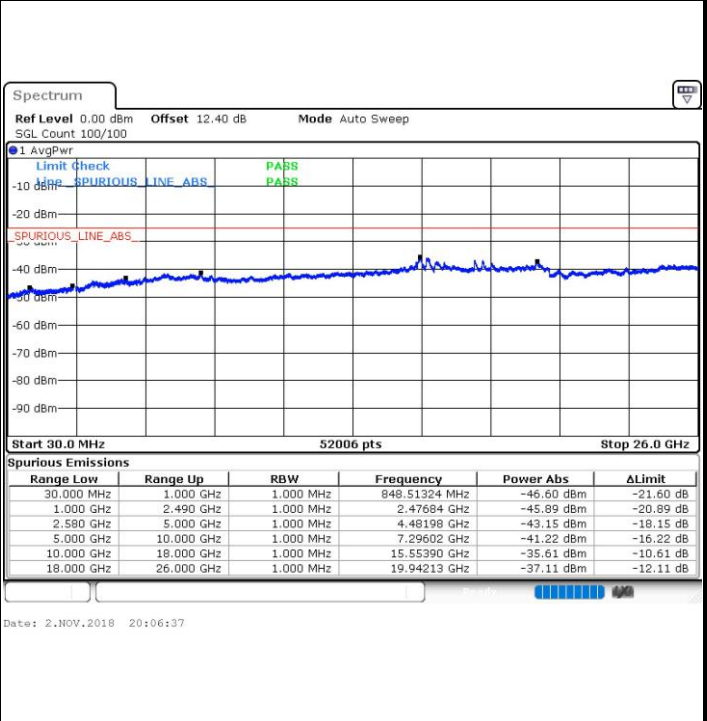


LTE Band 7 / 5MHz

Highest Channel / QPSK

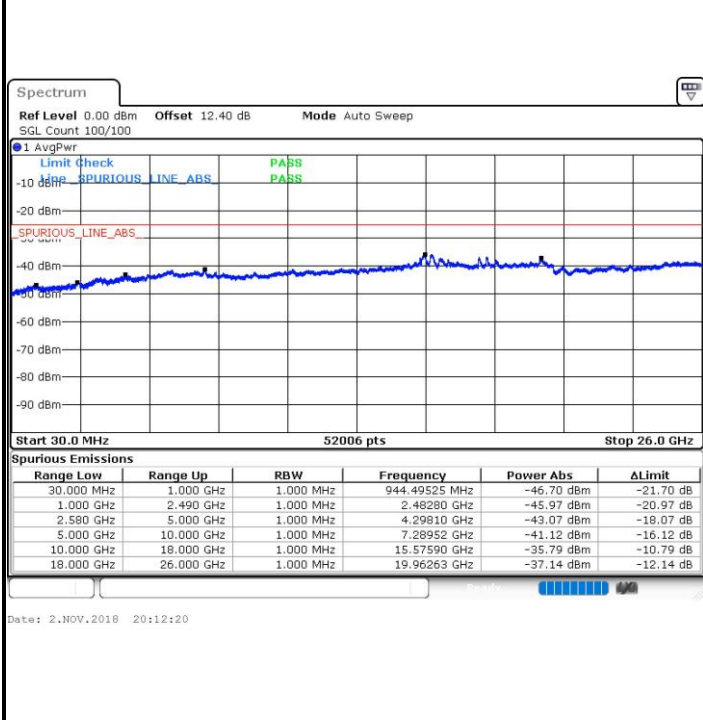


Highest Channel / 16QAM

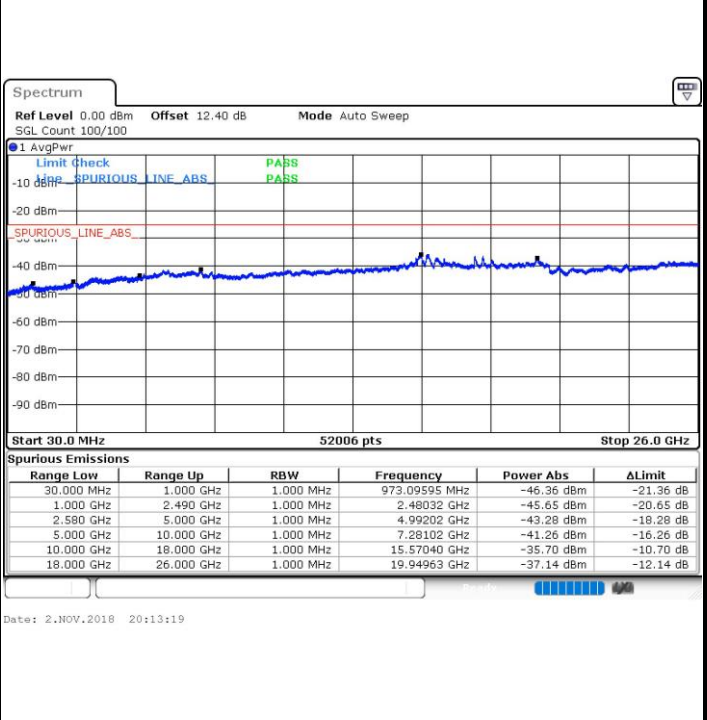


LTE Band 7 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

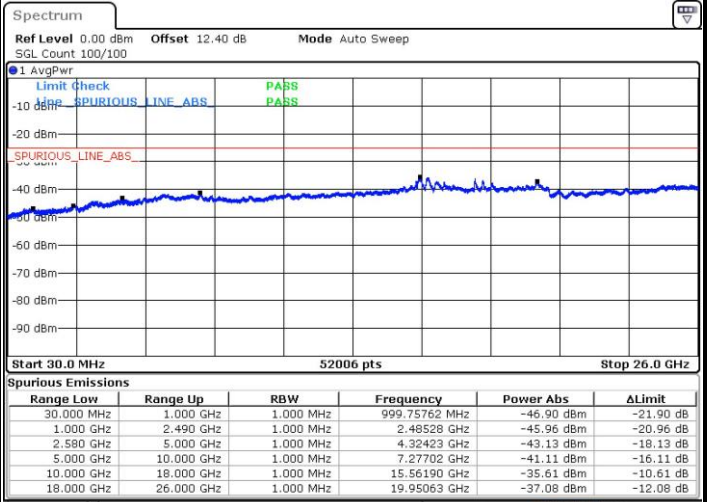
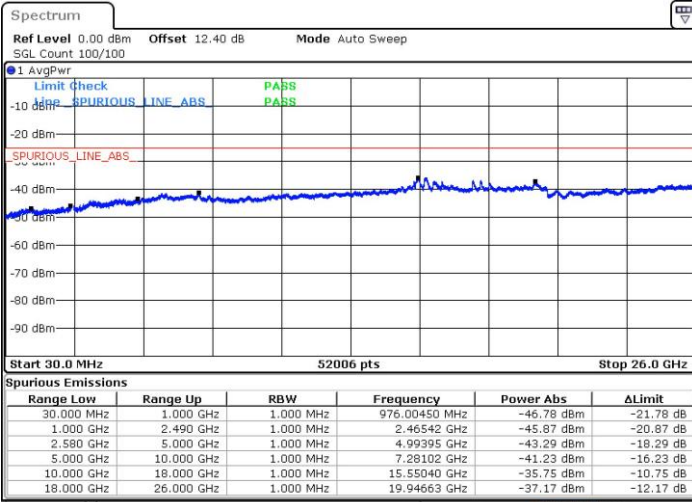




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

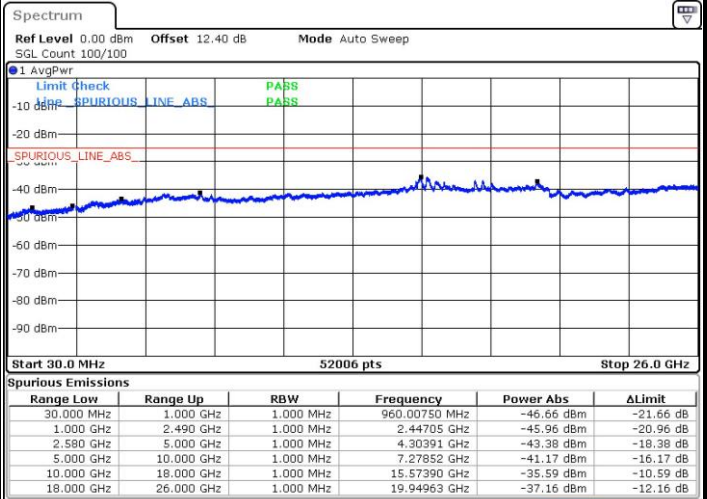
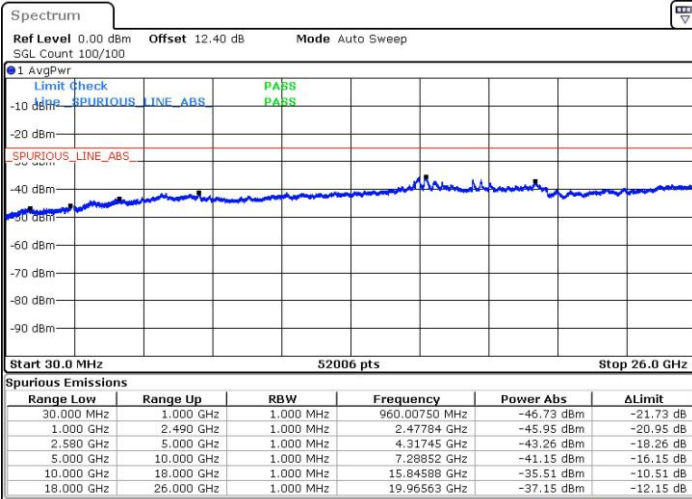


Date: 2.NOV.2018 20:15:04

Date: 2.NOV.2018 20:16:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.NOV.2018 20:21:46

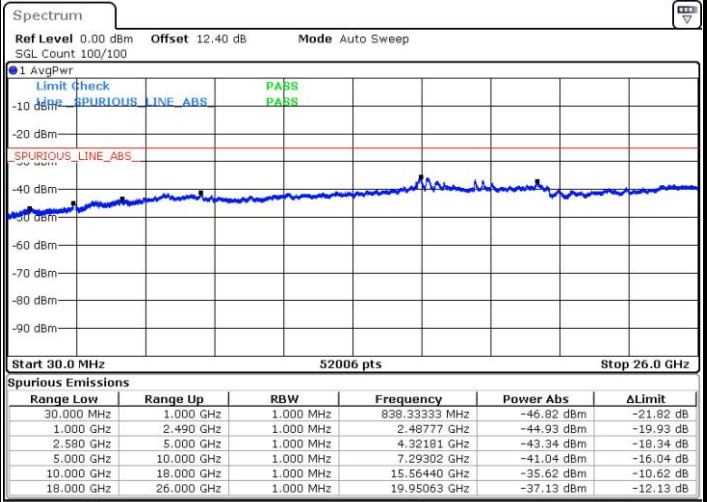
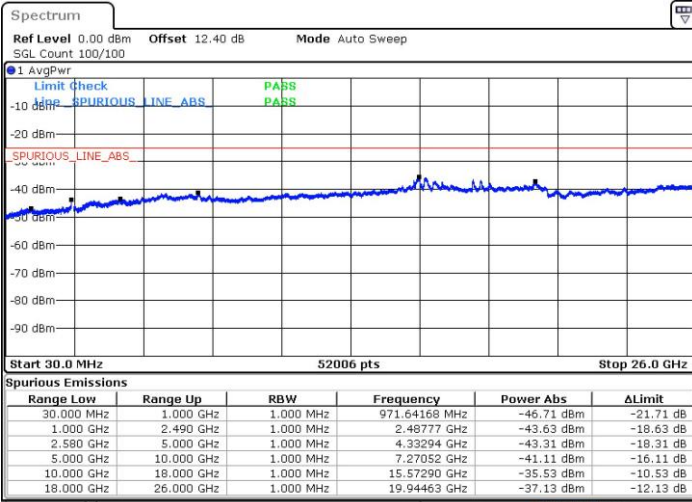
Date: 2.NOV.2018 20:22:46



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

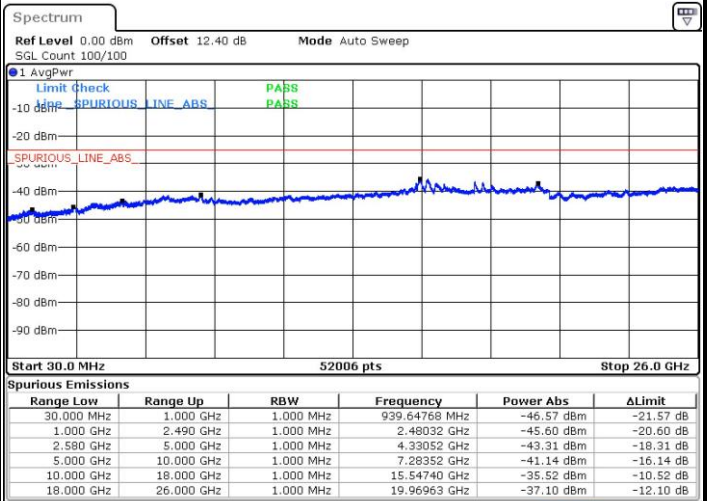
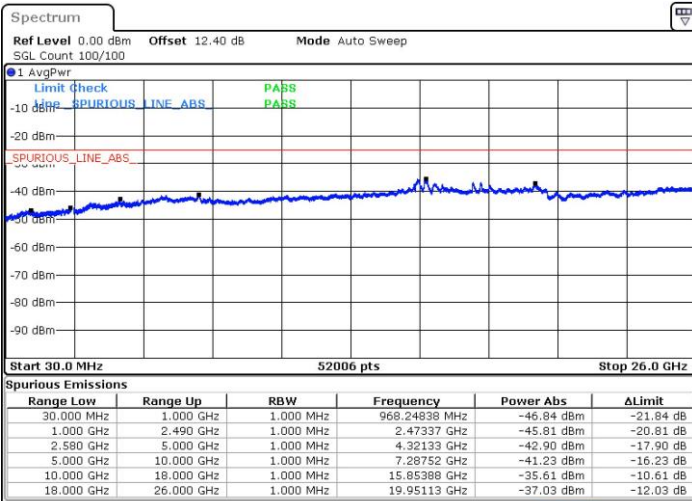


Date: 2.NOV.2018 20:28:28

Date: 2.NOV.2018 20:29:27

Middle Channel / QPSK

Middle Channel / 16QAM



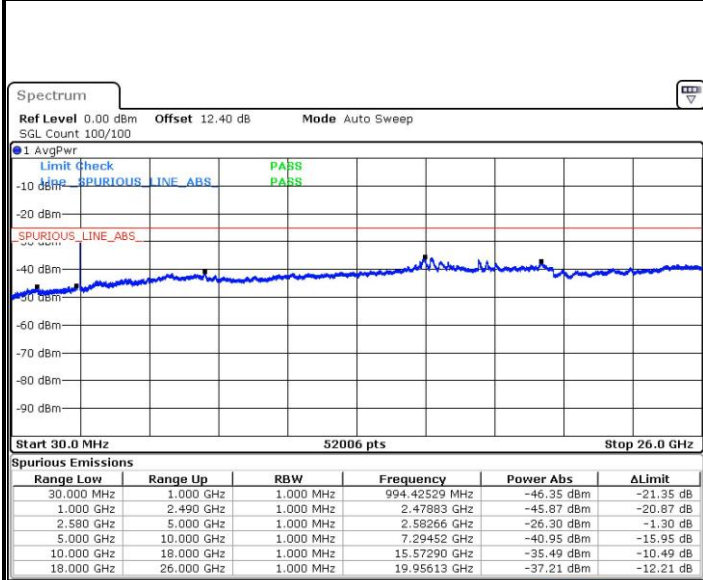
Date: 2.NOV.2018 20:31:12

Date: 2.NOV.2018 20:32:11



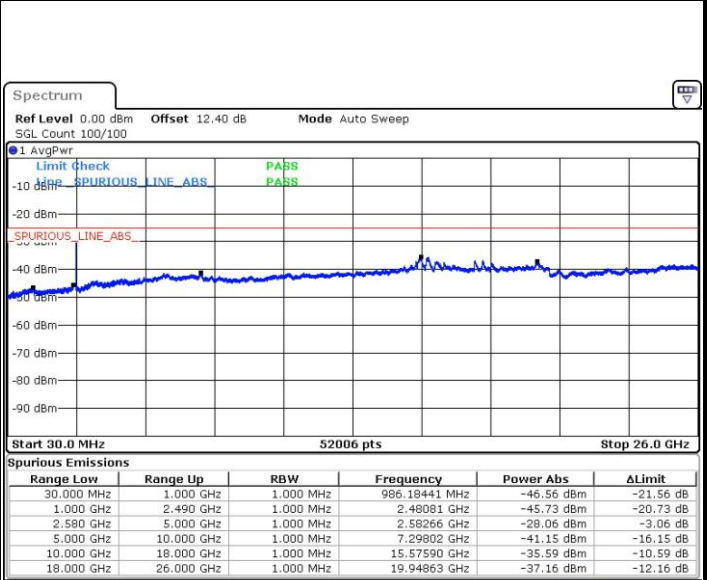
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 2.NOV.2018 20:37:54

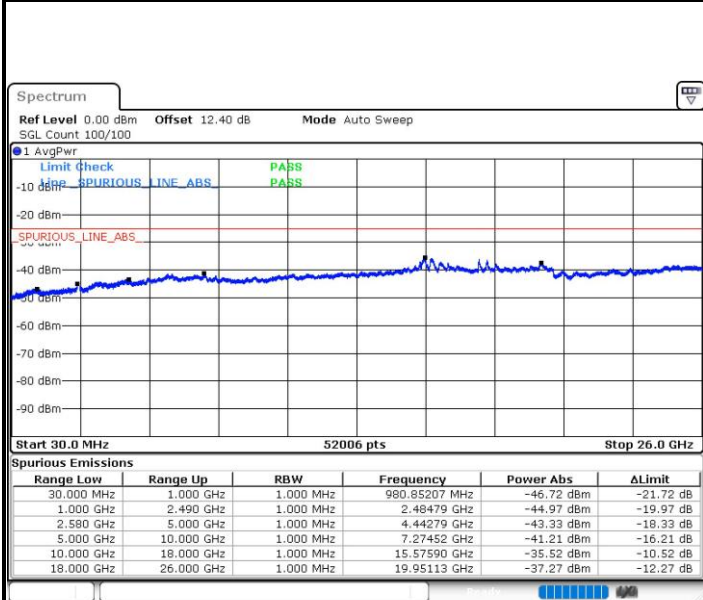
Highest Channel / 16QAM



Date: 2.NOV.2018 20:38:53

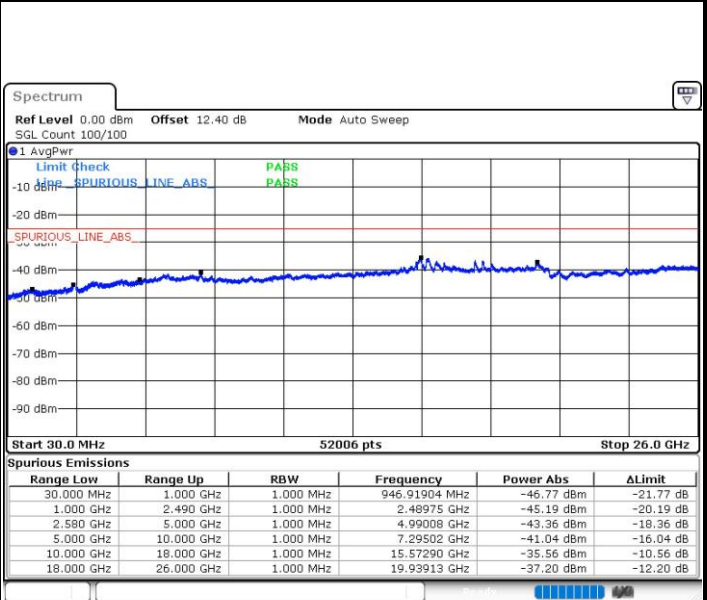
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 2.NOV.2018 20:44:36

Lowest Channel / 16QAM



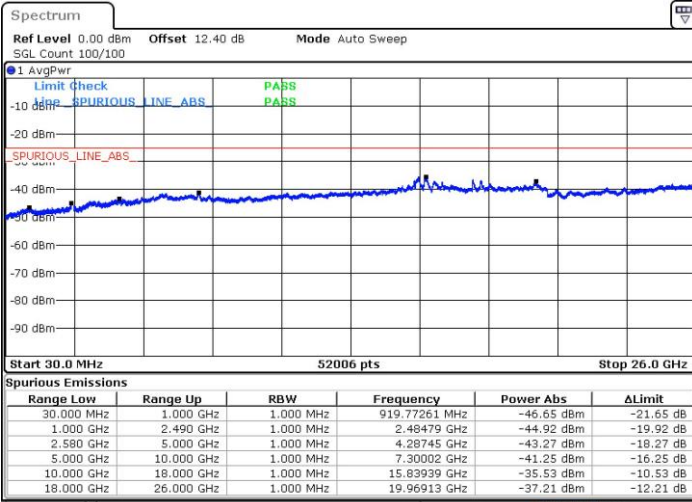
Date: 2.NOV.2018 20:45:35



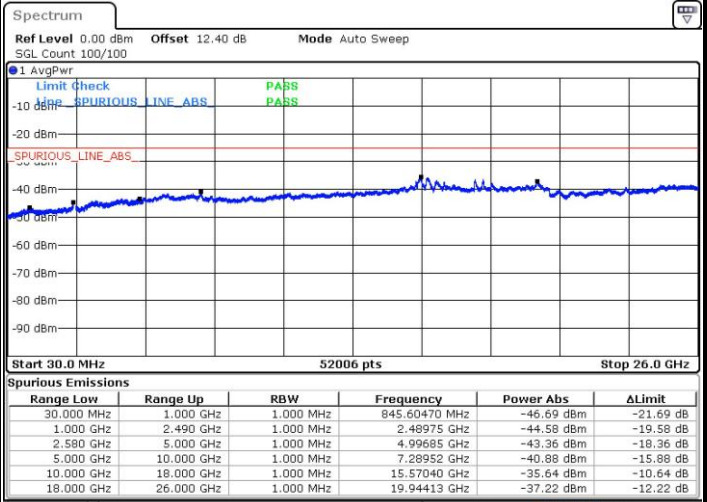
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



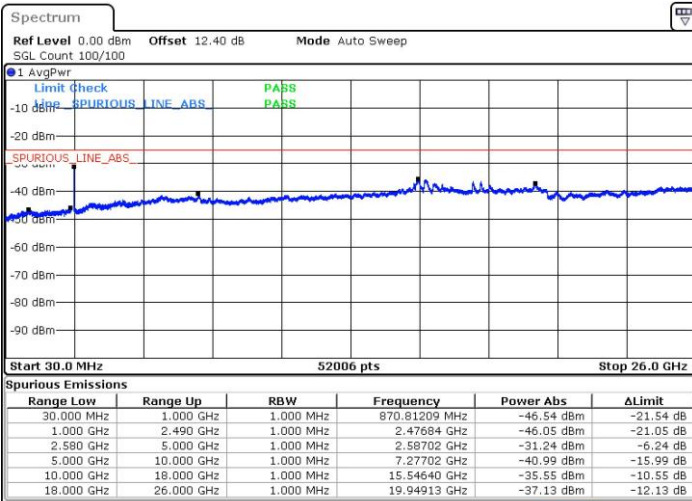
Date: 2.NOV.2018 20:47:19



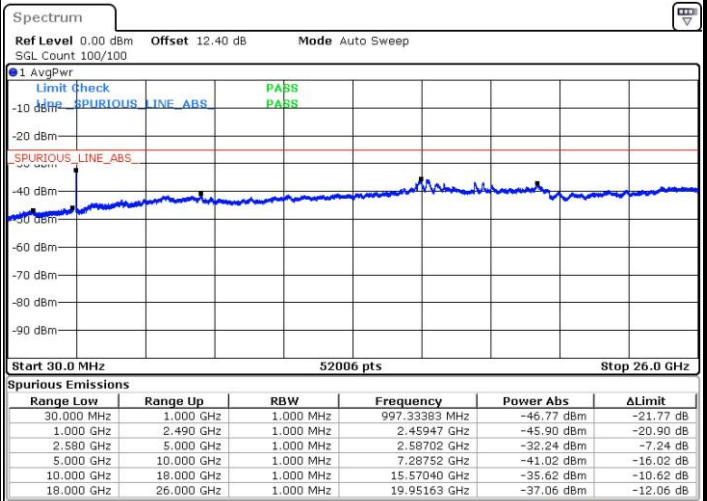
Date: 2.NOV.2018 20:48:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.NOV.2018 20:54:01



Date: 2.NOV.2018 20:55:00



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	0.0026	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

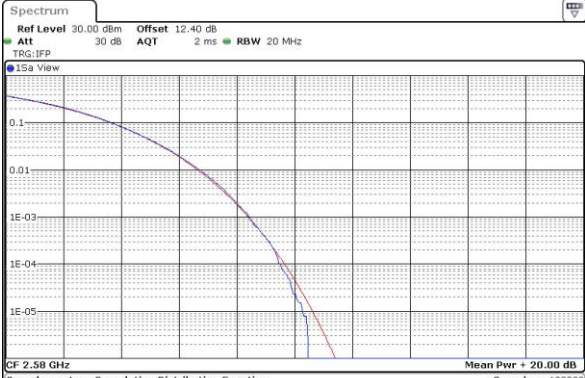
Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	8.41	7.36	8.03	7.62	PASS
Middle CH	7.30	6.06	8.32	7.39	
Highest CH	10.03	8.09	6.58	8.55	



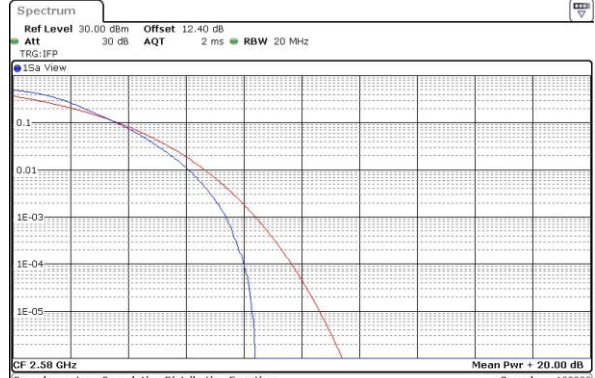
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 2.NOV.2018 22:25:50

Lowest Channel / Full RB



Date: 2.NOV.2018 22:26:13

Middle Channel / 1RB



Date: 2.NOV.2018 22:26:33

Middle Channel / Full RB



Date: 2.NOV.2018 22:26:54

Highest Channel / 1RB



Date: 2.NOV.2018 22:27:10

Highest Channel / Full RB



Date: 2.NOV.2018 22:27:29