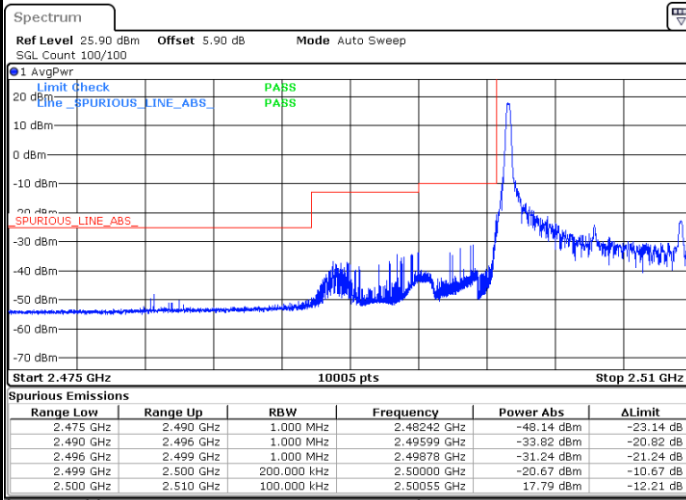




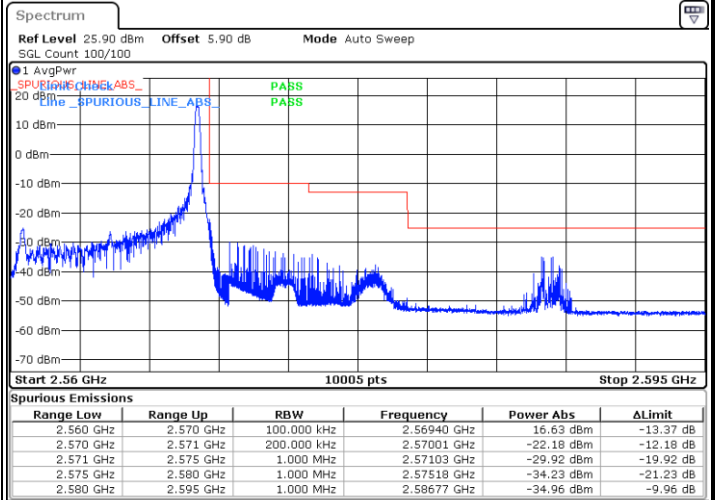
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



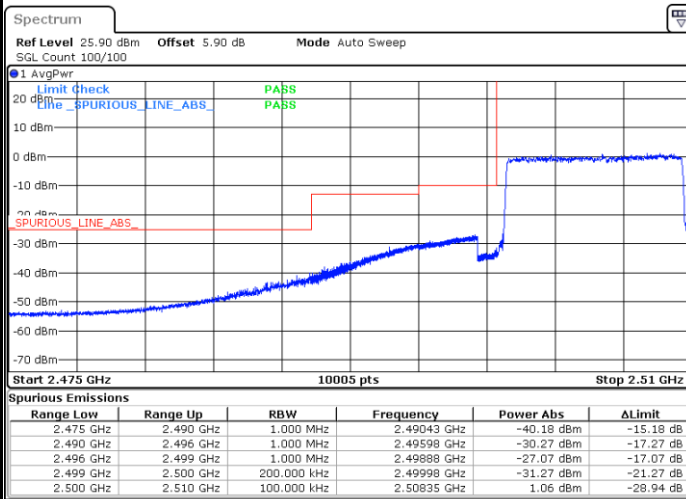
Date: 8 MAY 2021 13:33:11

Highest Band Edge / 1 RB



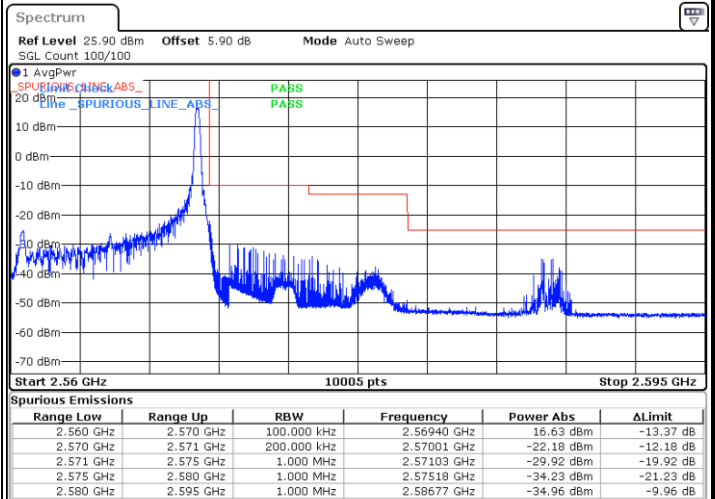
Date: 8 MAY 2021 13:38:51

Lowest Band Edge / Full RB



Date: 8 MAY 2021 13:34:19

Highest Band Edge / Full RB

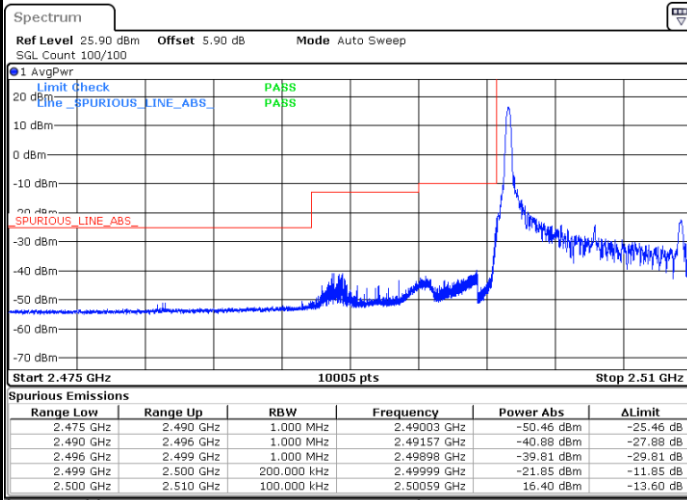


Date: 8 MAY 2021 13:38:51



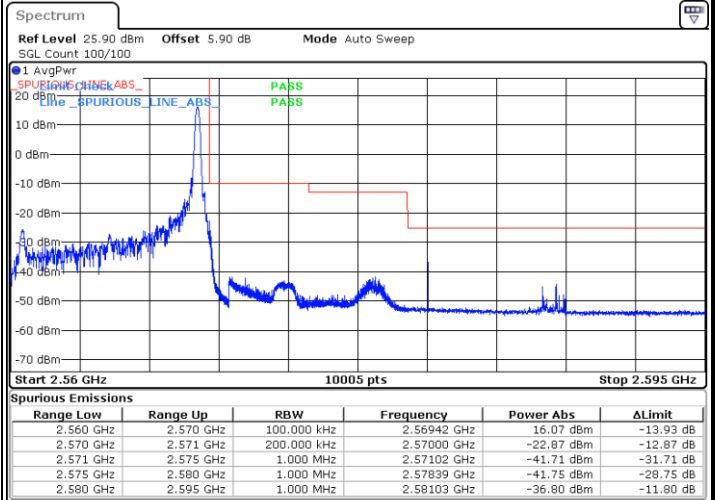
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



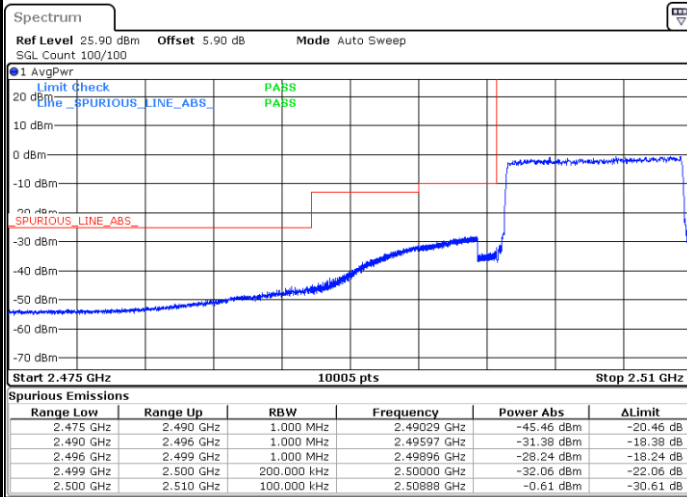
Date: 8 MAY 2021 13:41:07

Highest Band Edge / 1 RB



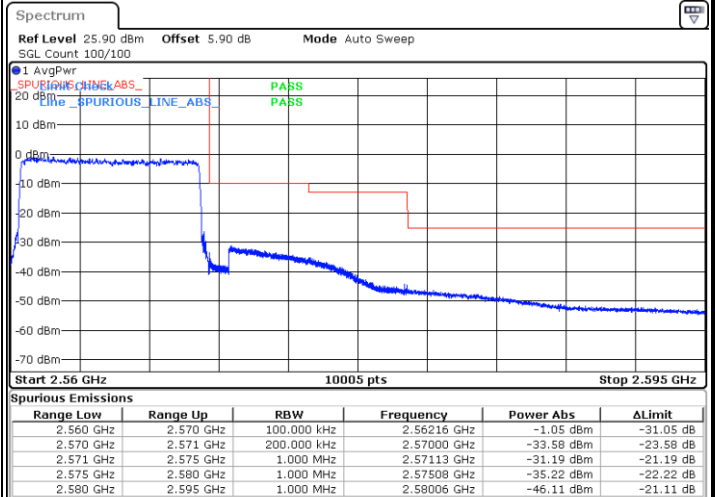
Date: 8 MAY 2021 13:43:23

Lowest Band Edge / Full RB



Date: 8 MAY 2021 13:42:15

Highest Band Edge / Full RB

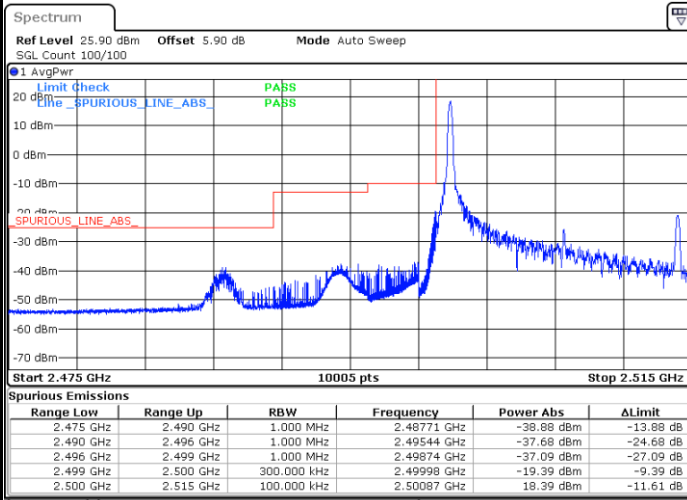


Date: 8 MAY 2021 13:44:31



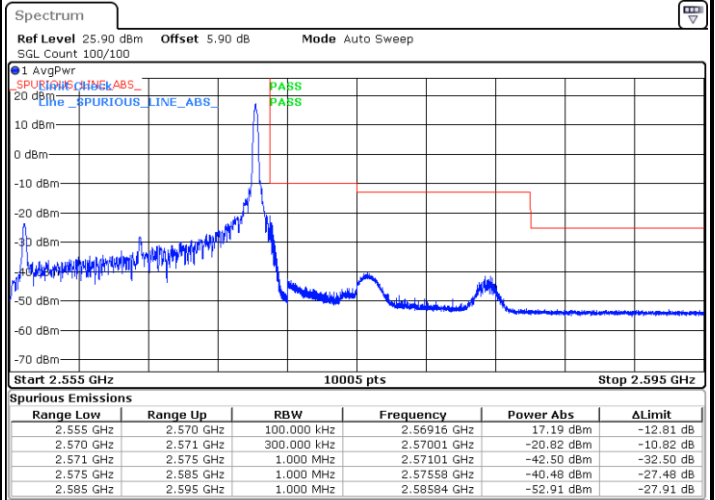
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



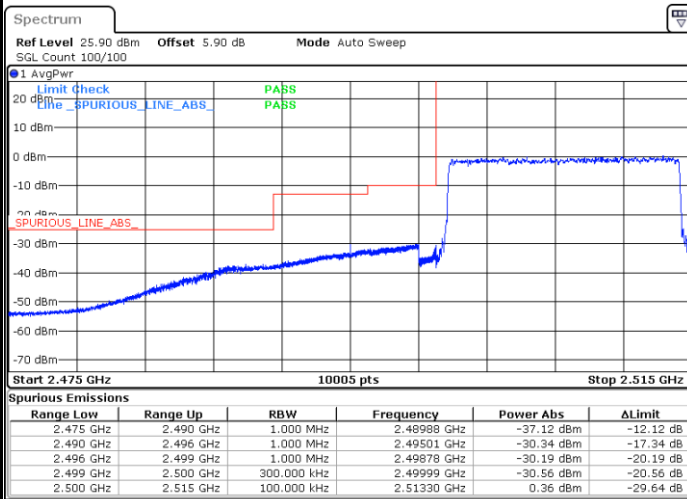
Date: 8 MAY 2021 13:48:21

Highest Band Edge / 1 RB



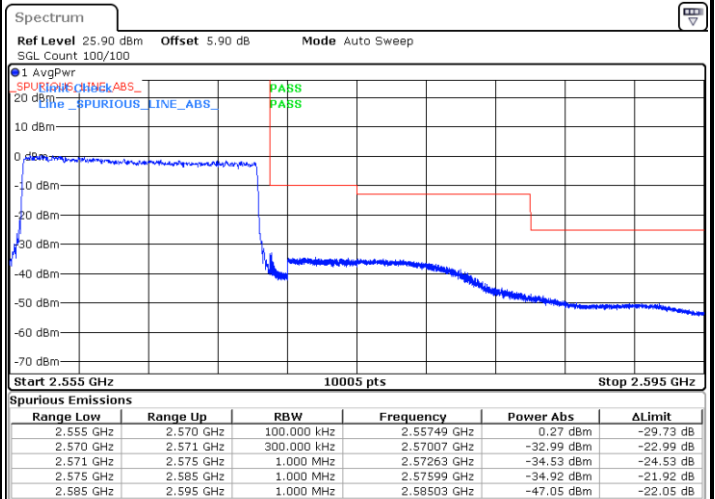
Date: 8 MAY 2021 13:56:17

Lowest Band Edge / Full RB



Date: 8 MAY 2021 13:51:45

Highest Band Edge / Full RB

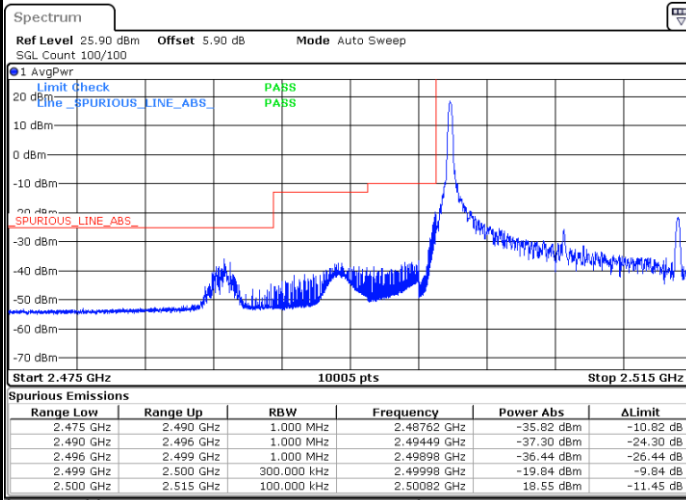


Date: 8 MAY 2021 13:52:53



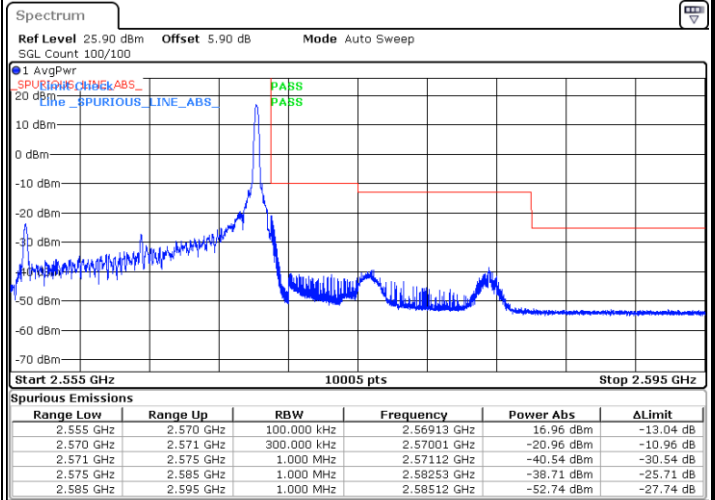
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



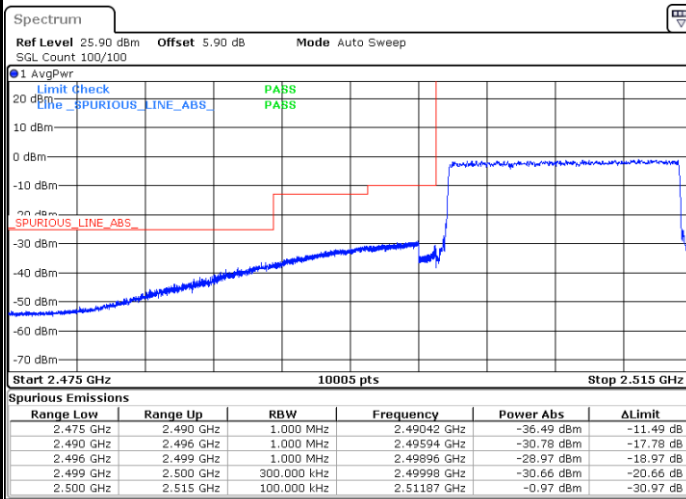
Date: 8 MAY 2021 13:49:29

Highest Band Edge / 1 RB



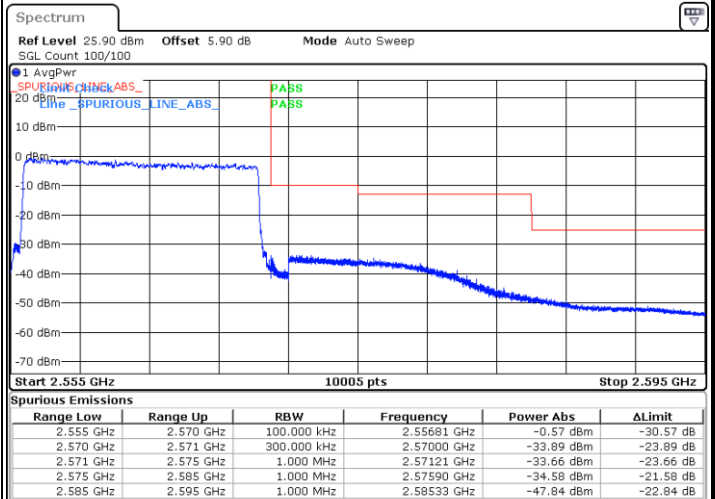
Date: 8 MAY 2021 13:55:09

Lowest Band Edge / Full RB



Date: 8 MAY 2021 13:50:37

Highest Band Edge / Full RB

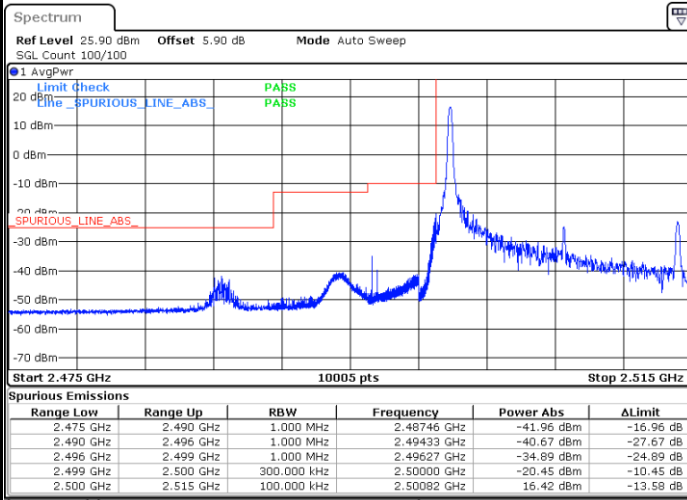


Date: 8 MAY 2021 13:54:01



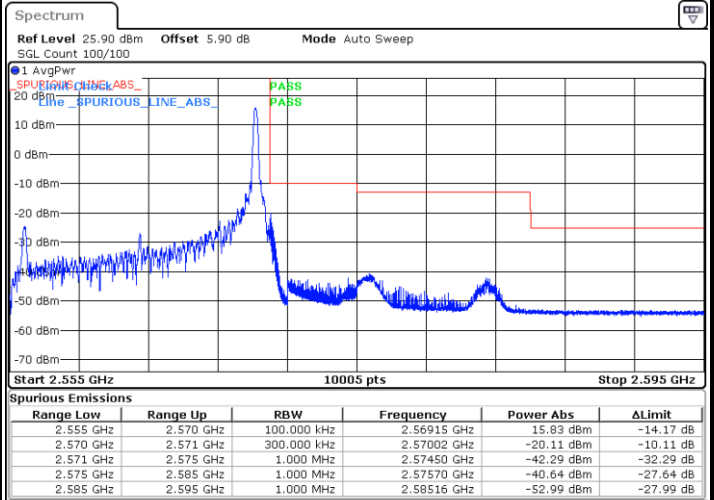
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



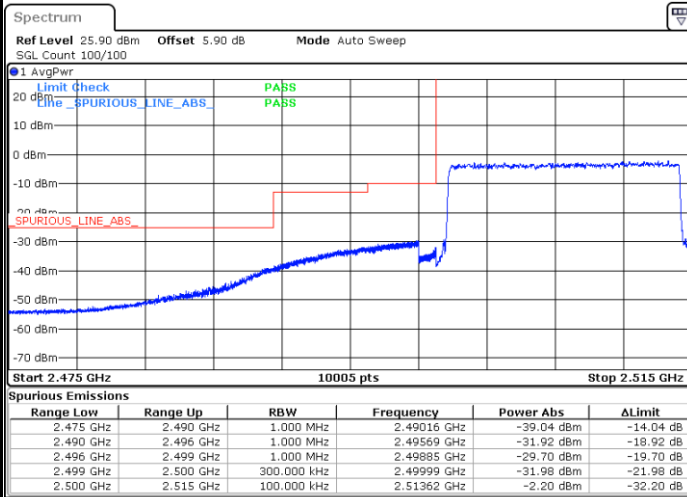
Date: 8 MAY 2021 14:01:15

Highest Band Edge / 1 RB



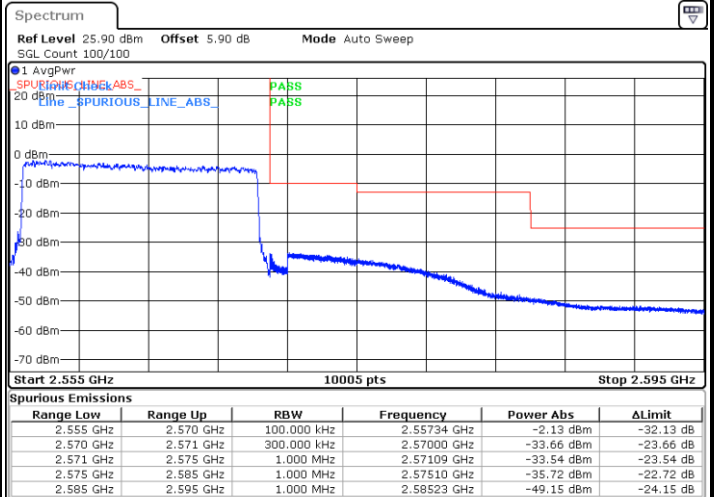
Date: 8 MAY 2021 14:03:31

Lowest Band Edge / Full RB



Date: 8 MAY 2021 14:00:07

Highest Band Edge / Full RB



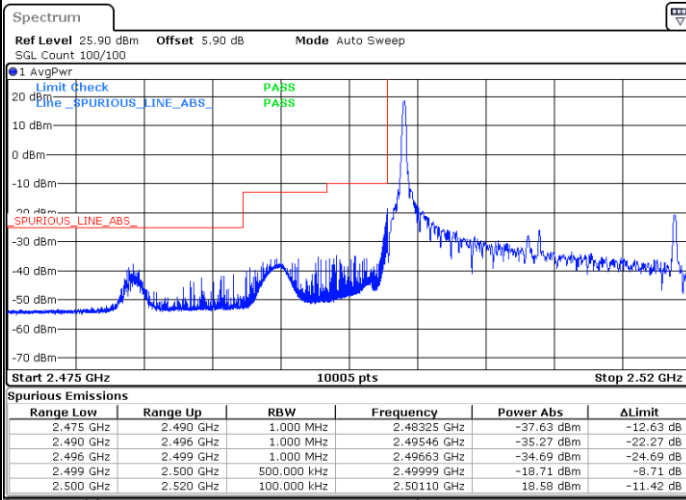
Date: 8 MAY 2021 14:02:23



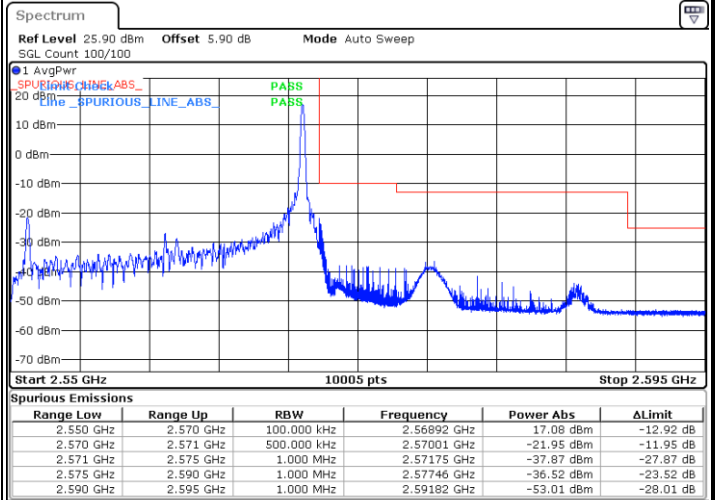
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



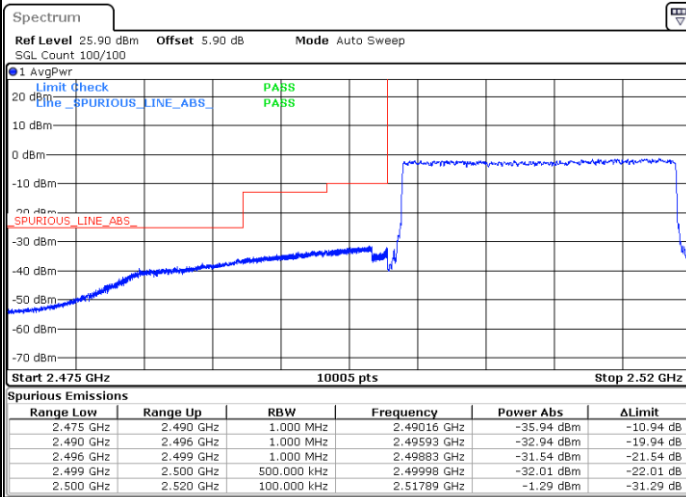
Date: 8 MAY 2021 14:05:39



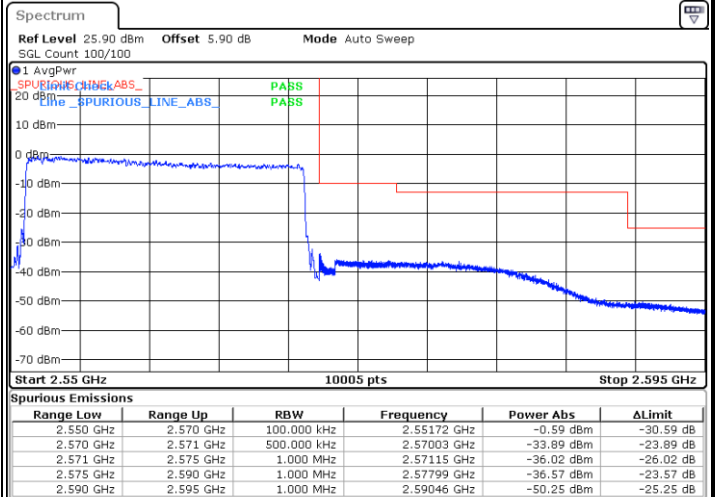
Date: 8 MAY 2021 14:13:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8 MAY 2021 14:09:04

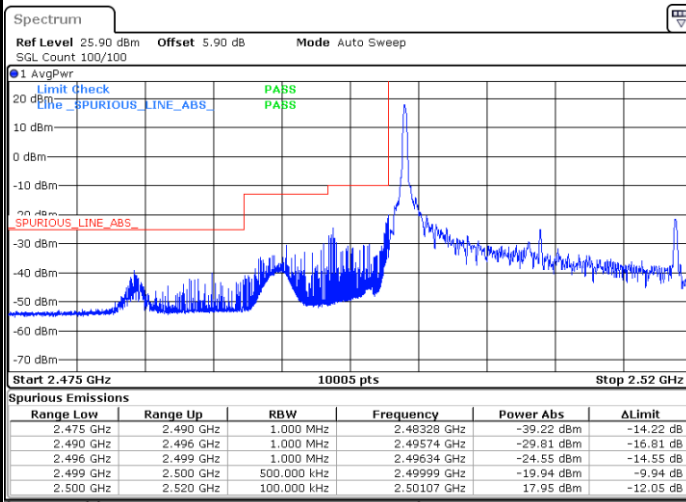


Date: 8 MAY 2021 14:10:12



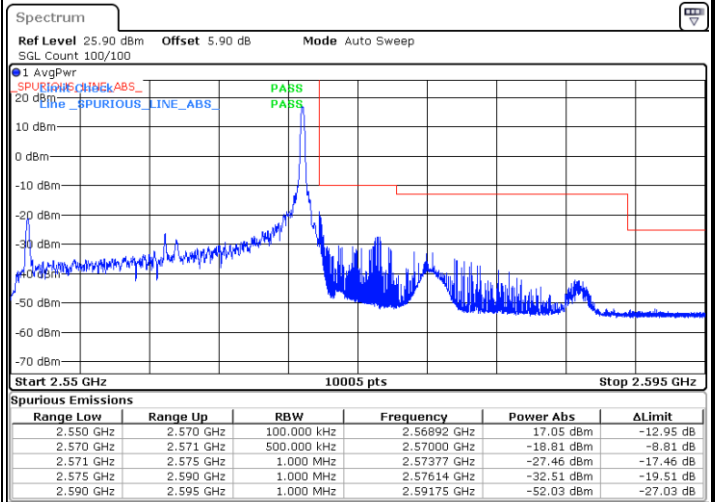
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



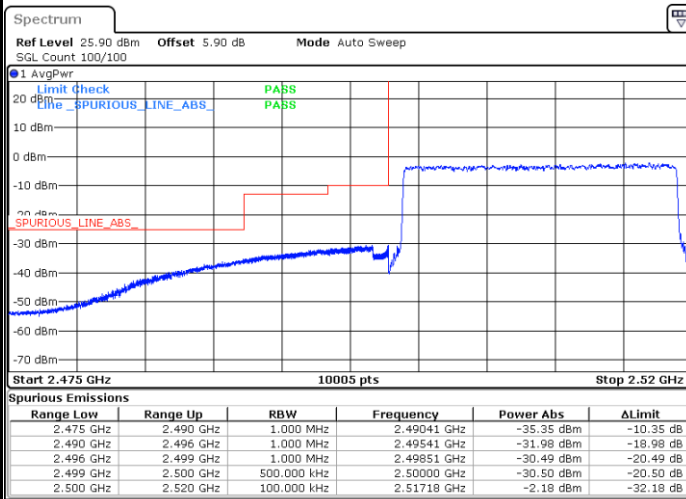
Date: 8 MAY 2021 14:06:47

Highest Band Edge / 1 RB



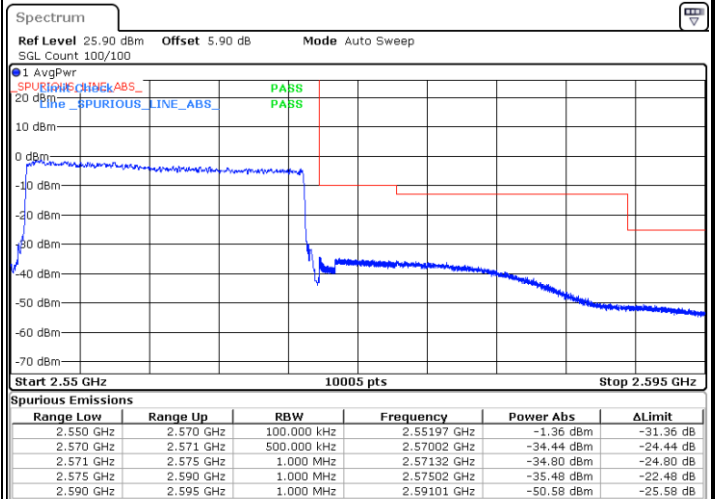
Date: 8 MAY 2021 14:12:28

Lowest Band Edge / Full RB



Date: 8 MAY 2021 14:07:56

Highest Band Edge / Full RB

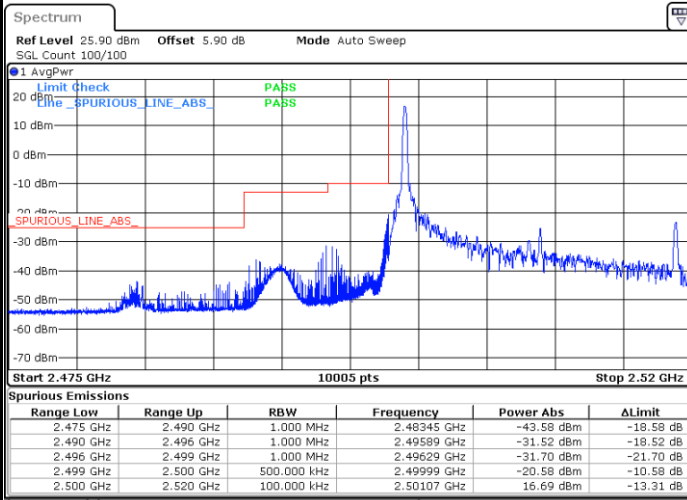


Date: 8 MAY 2021 14:11:20



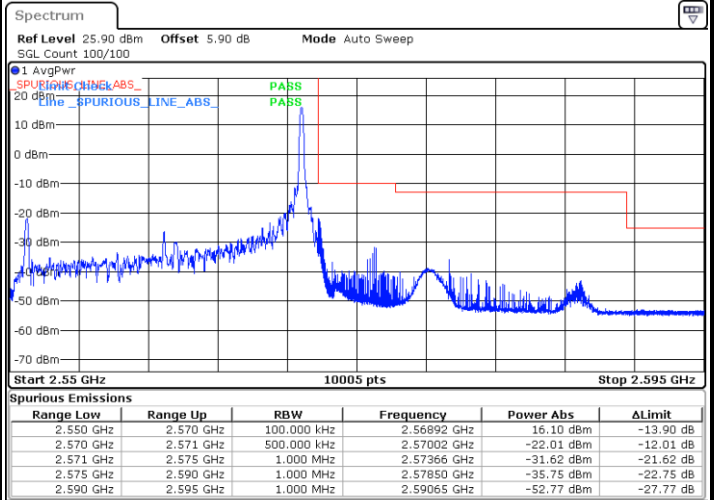
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



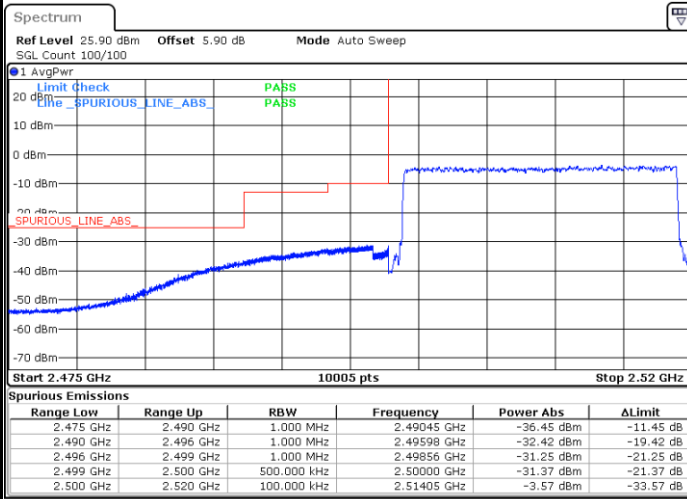
Date: 8 MAY 2021 14:15:52

Highest Band Edge / 1 RB



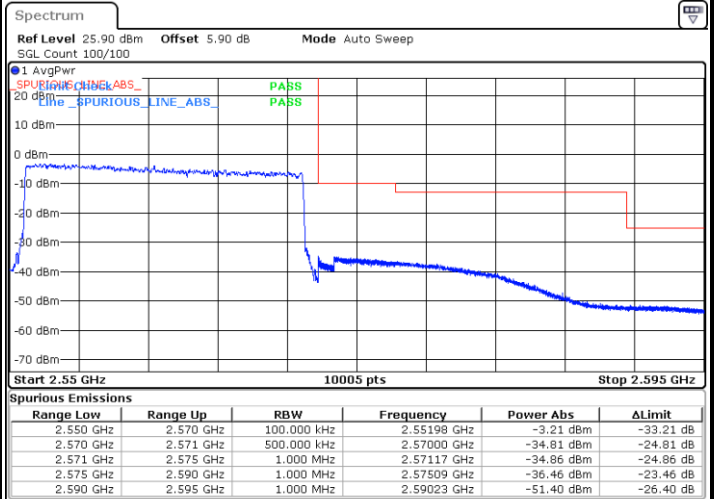
Date: 8 MAY 2021 14:18:09

Lowest Band Edge / Full RB



Date: 8 MAY 2021 14:14:44

Highest Band Edge / Full RB



Date: 8 MAY 2021 14:17:00

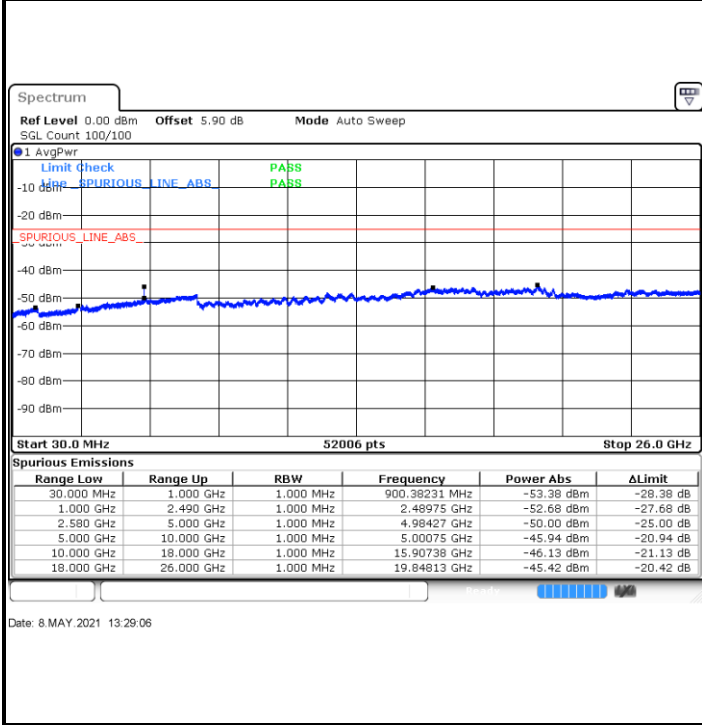


Conducted Spurious Emission

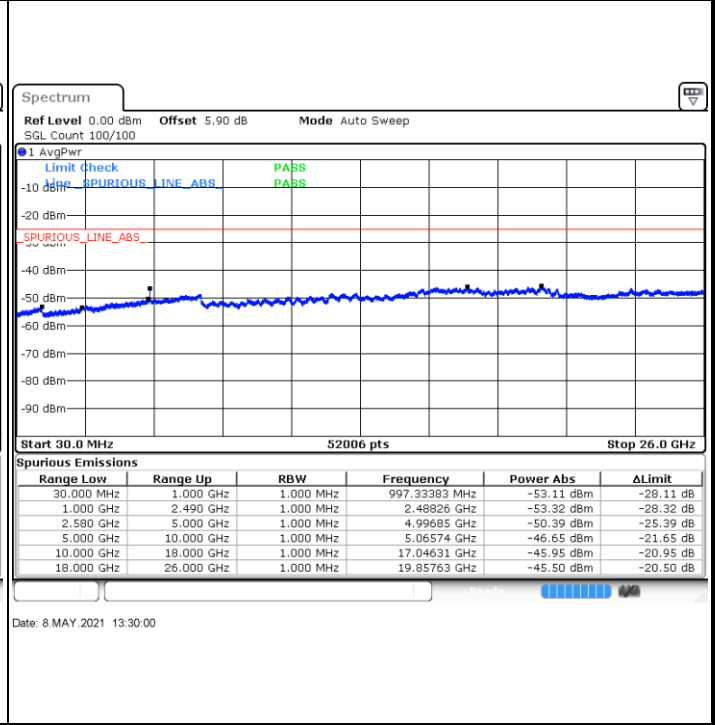


LTE Band 7 / 5MHz

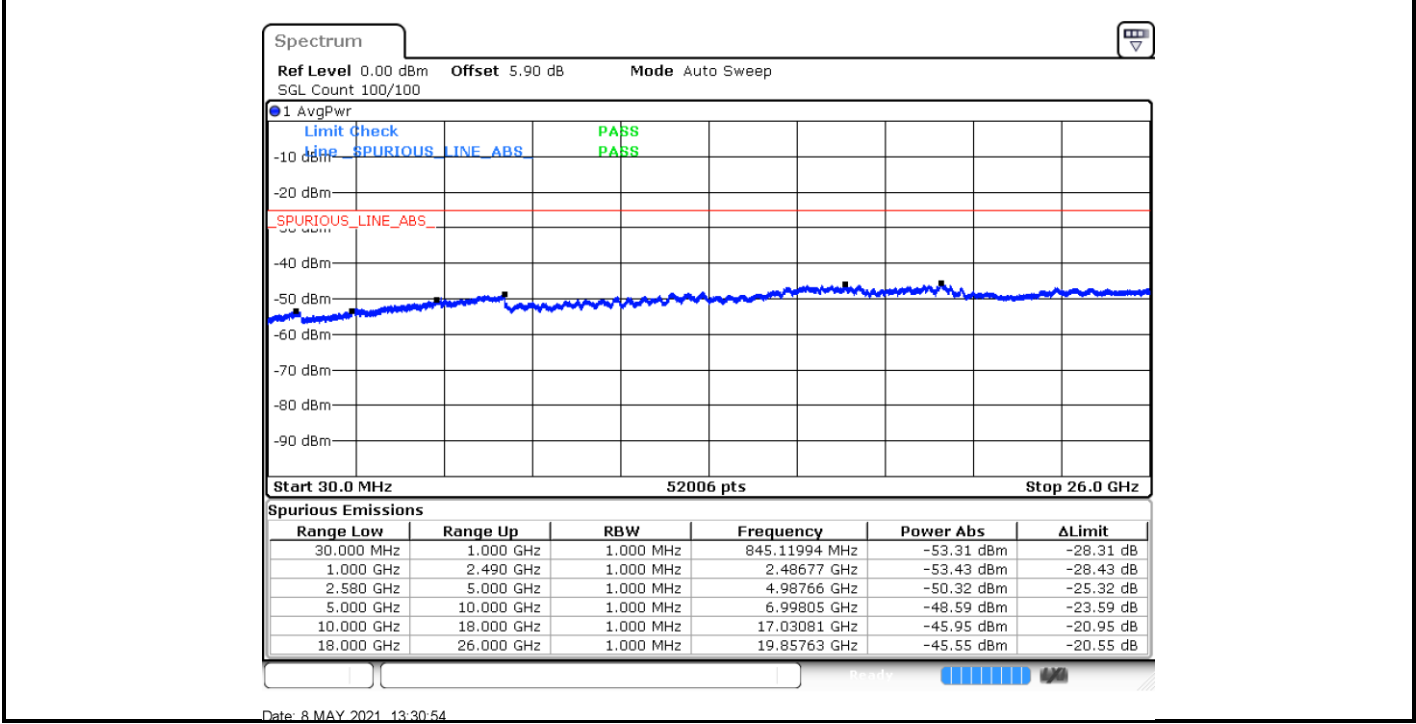
Lowest Channel / QPSK



Middle Channel / QPSK



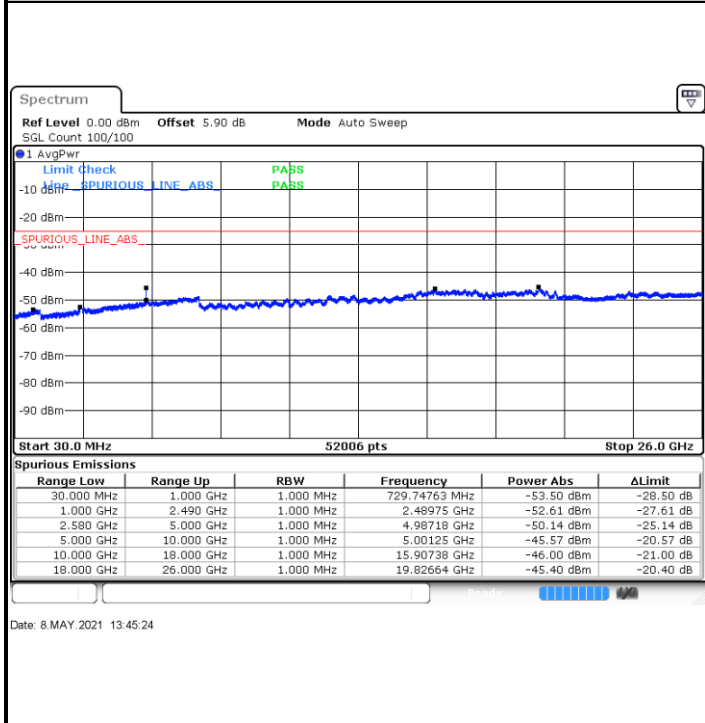
Highest Channel / QPSK



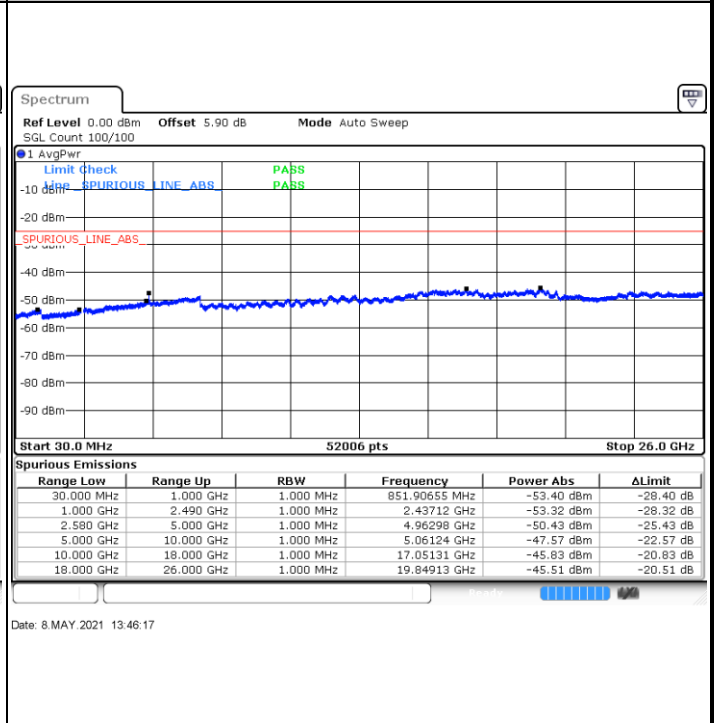


LTE Band 7 / 10MHz

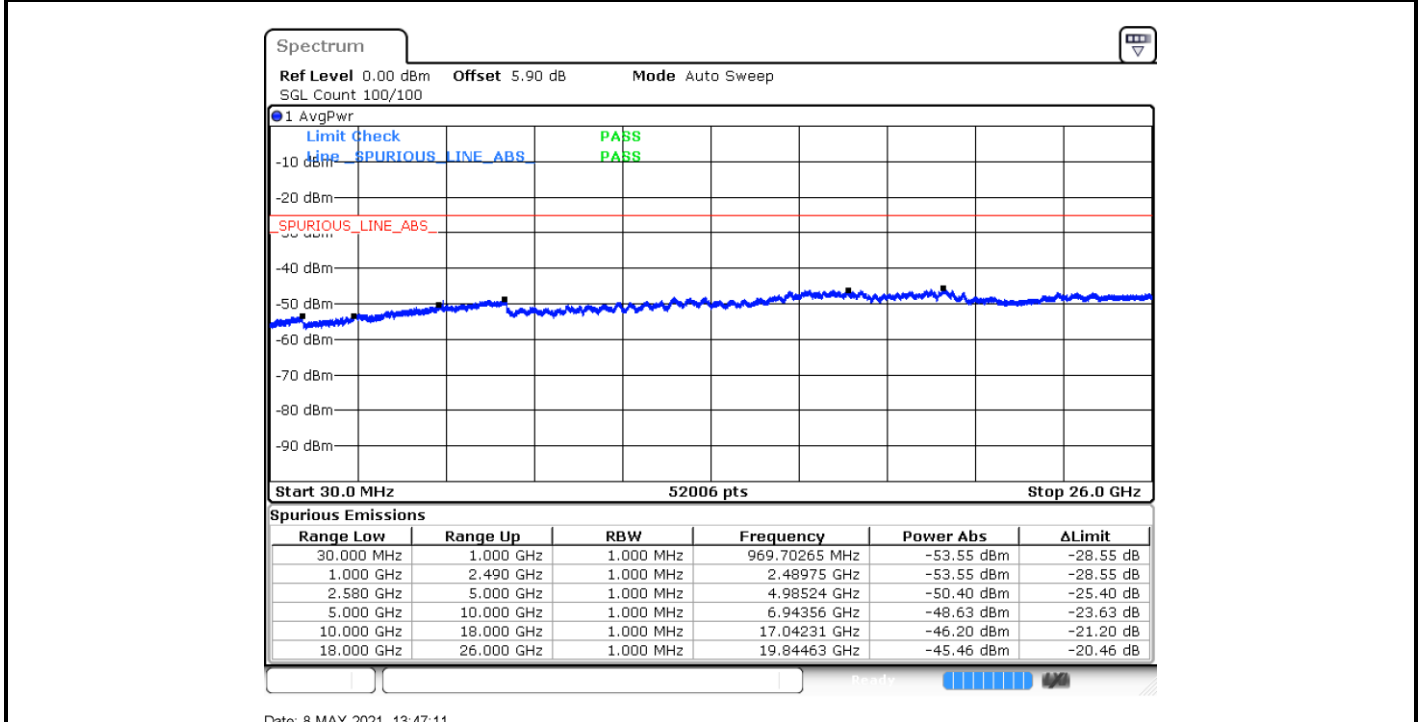
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

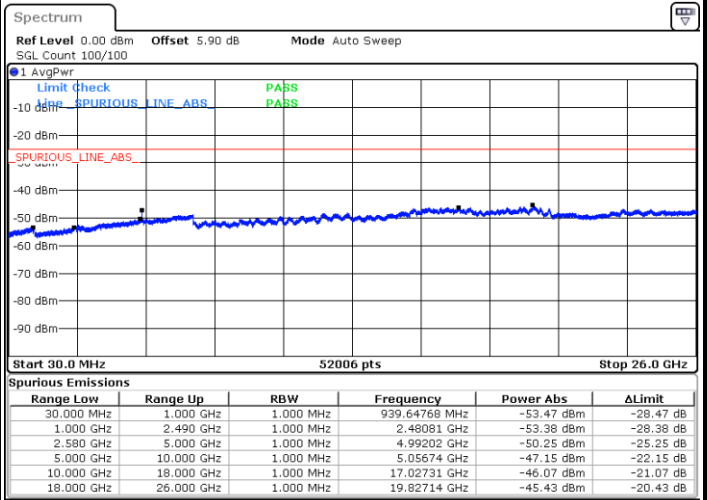
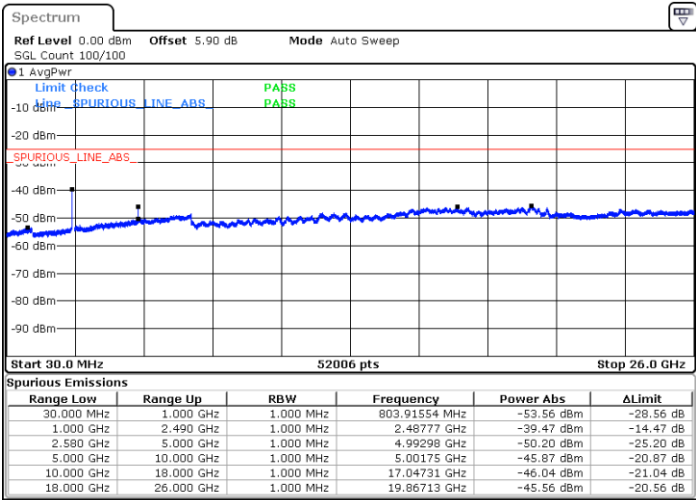




LTE Band 7 / 15MHz

Lowest Channel / QPSK

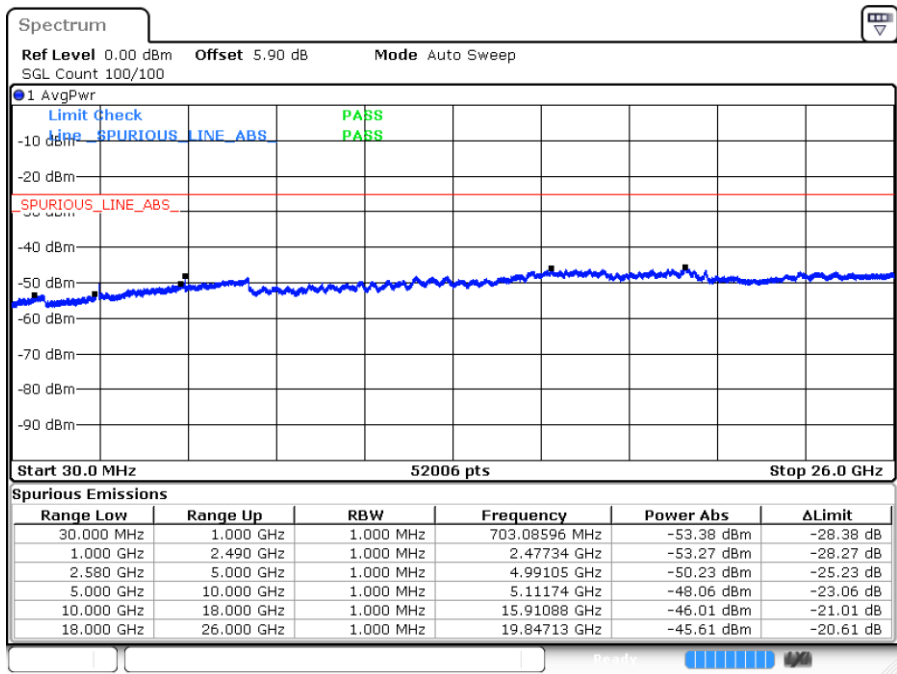
Middle Channel / QPSK



Date: 8 MAY 2021 13:57:10

Date: 8 MAY 2021 13:58:04

Highest Channel / QPSK

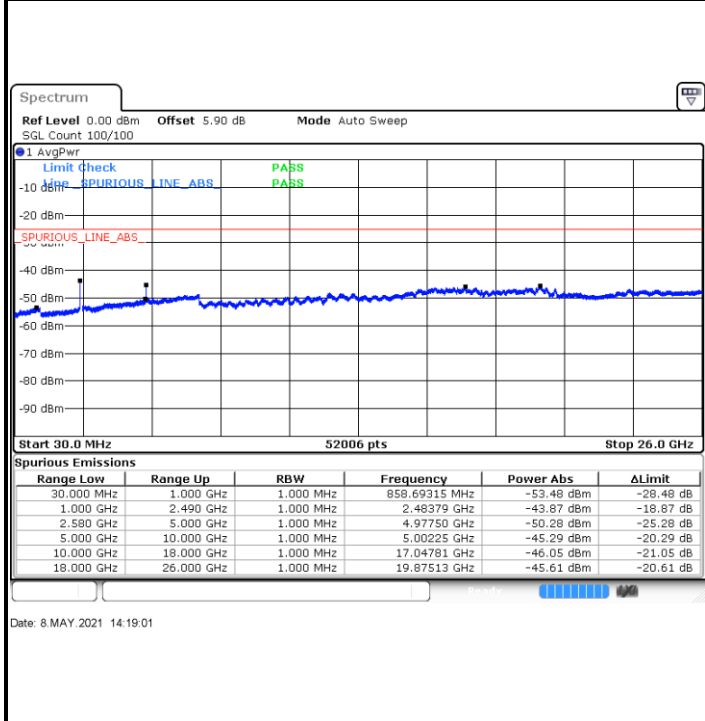


Date: 8 MAY 2021 13:58:57

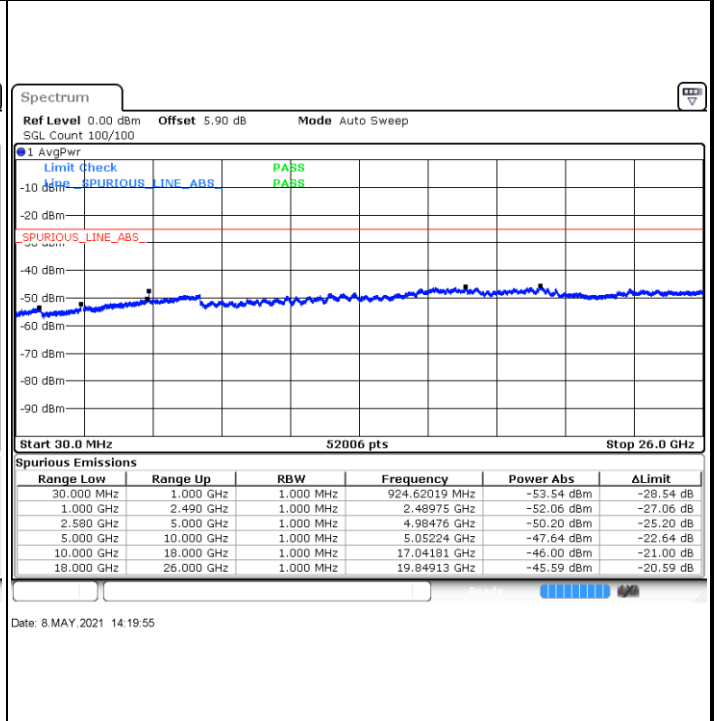


LTE Band 7 / 20MHz

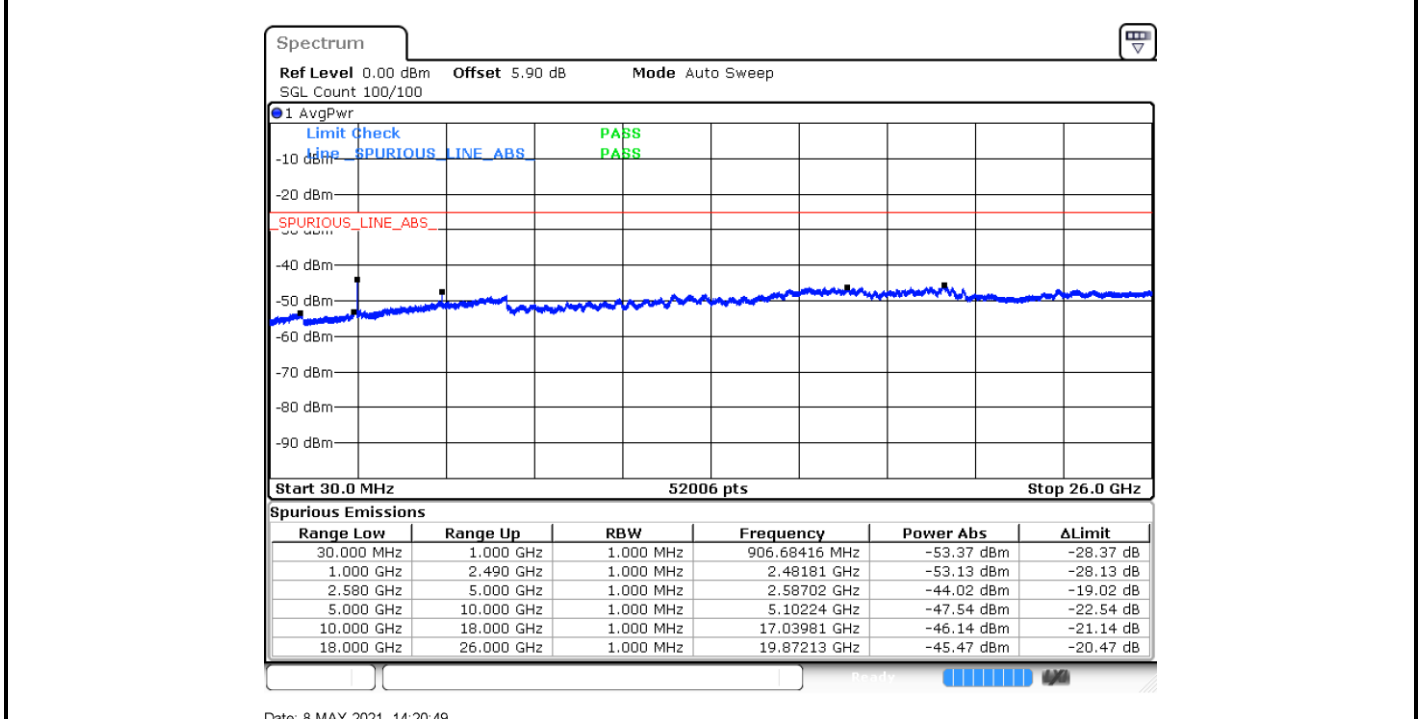
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0013	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0002	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0051	
20	Battery End Point	0.0047	

Note:

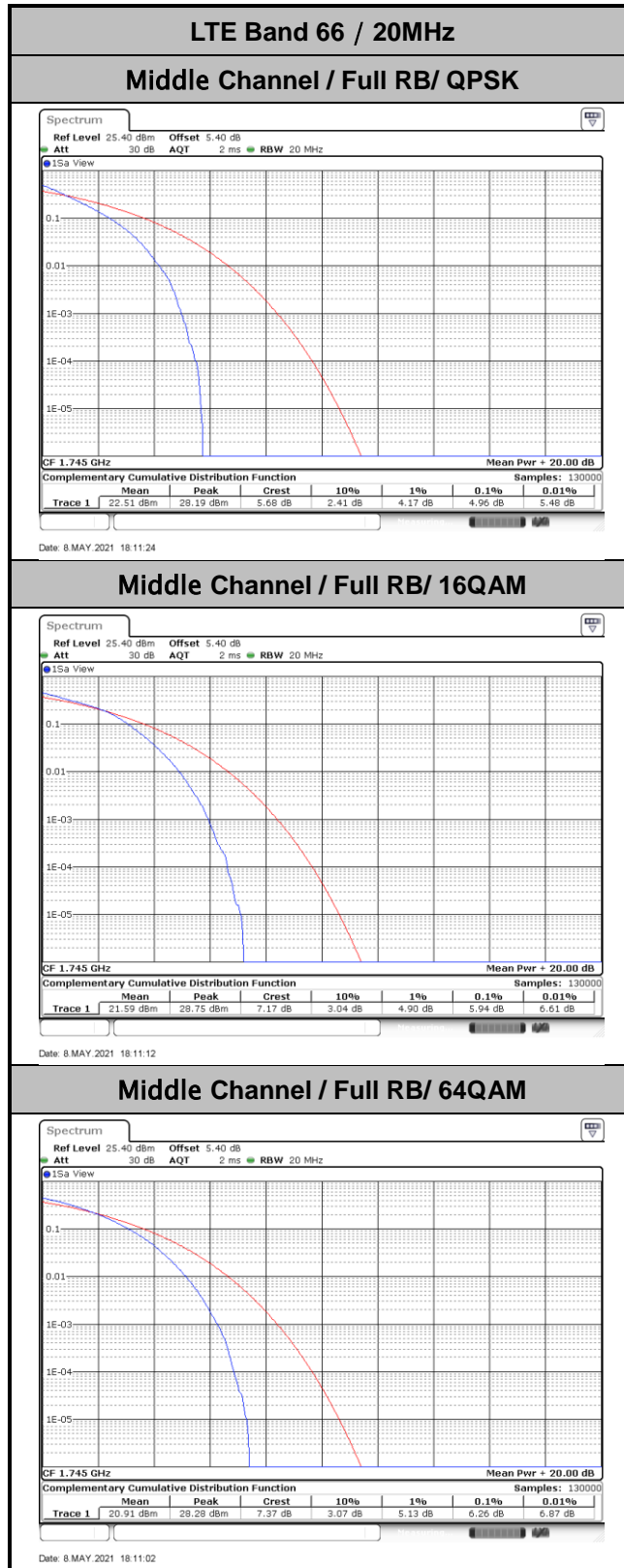
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

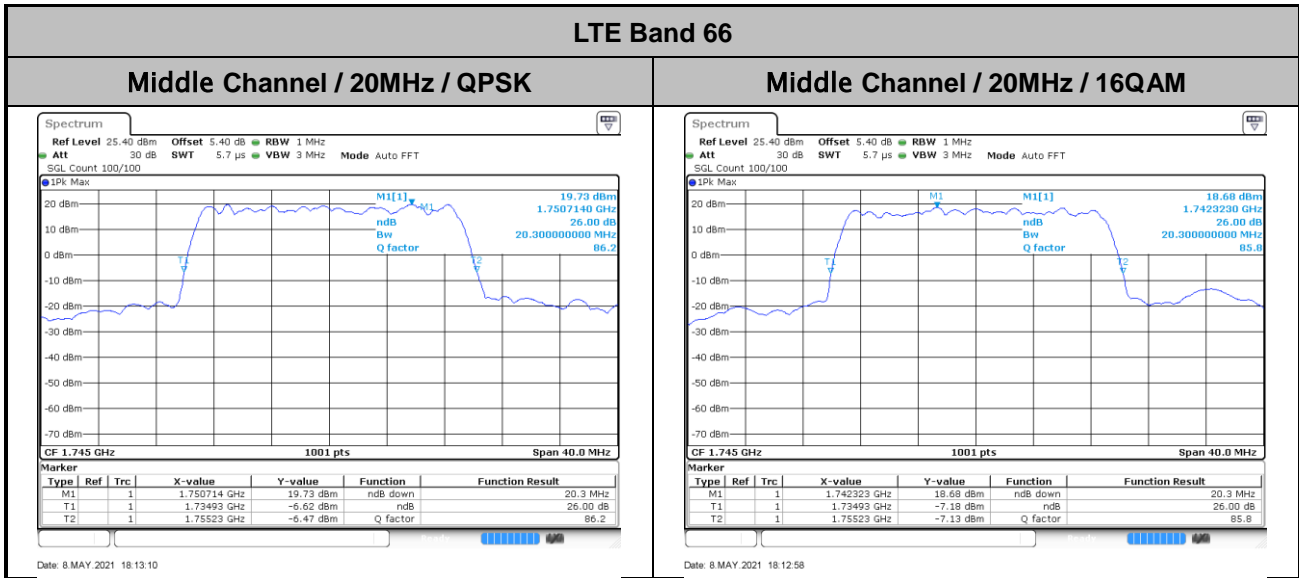
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.94	6.26	PASS





26dB Bandwidth

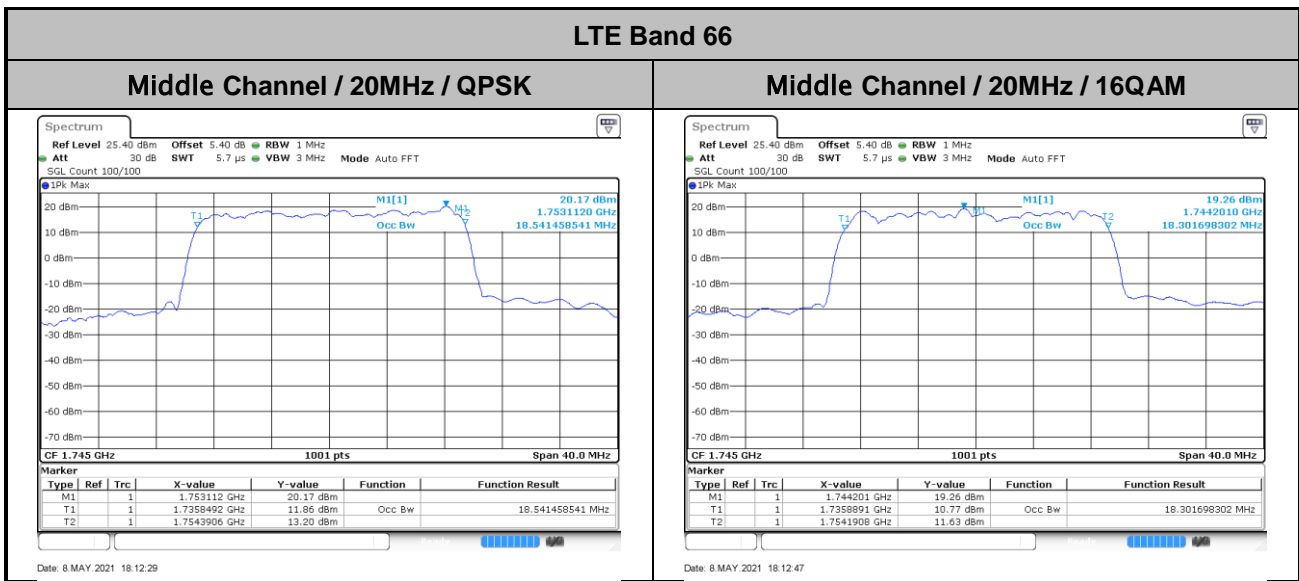
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.3	20.3





Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.54	18.30



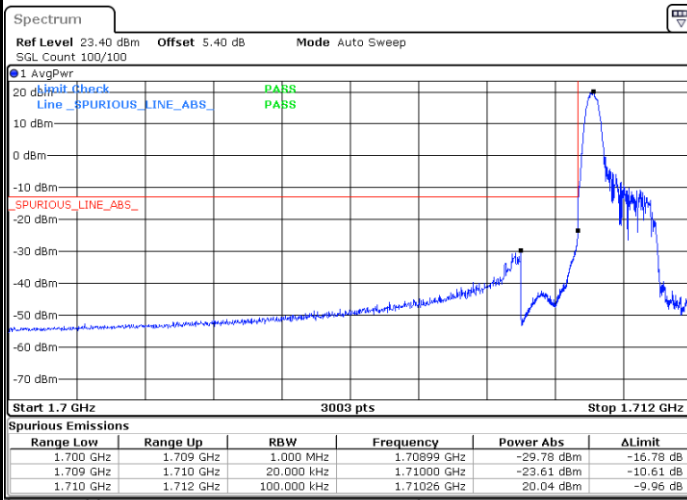


Conducted Band Edge



LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



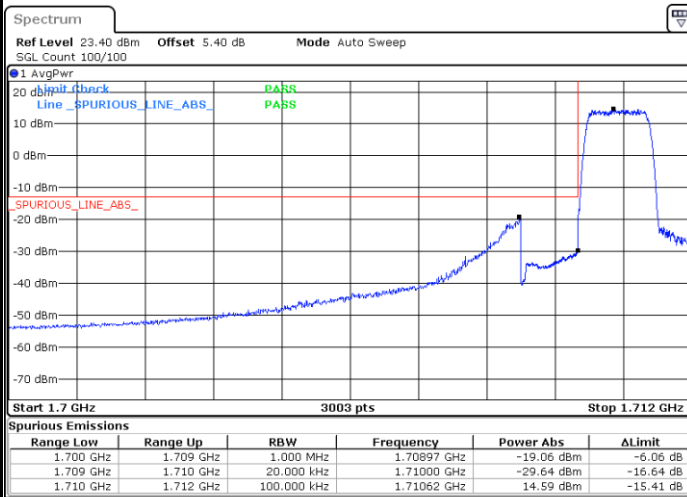
Date: 8 MAY 2021 15:55:00

Highest Band Edge / 1RB



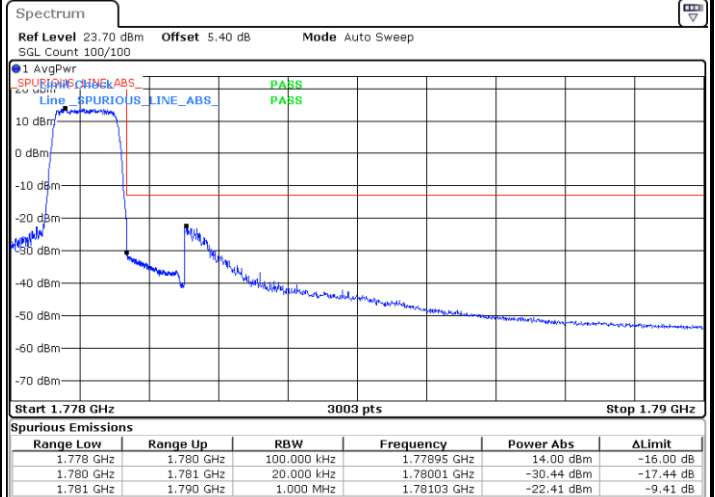
Date: 8 MAY 2021 15:58:22

Lowest Band Edge / Full RB



Date: 8 MAY 2021 15:49:22

Highest Band Edge / Full RB

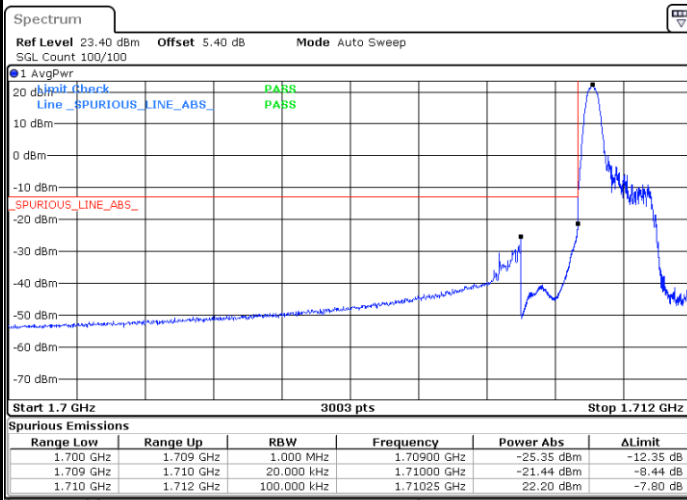


Date: 8 MAY 2021 15:59:29



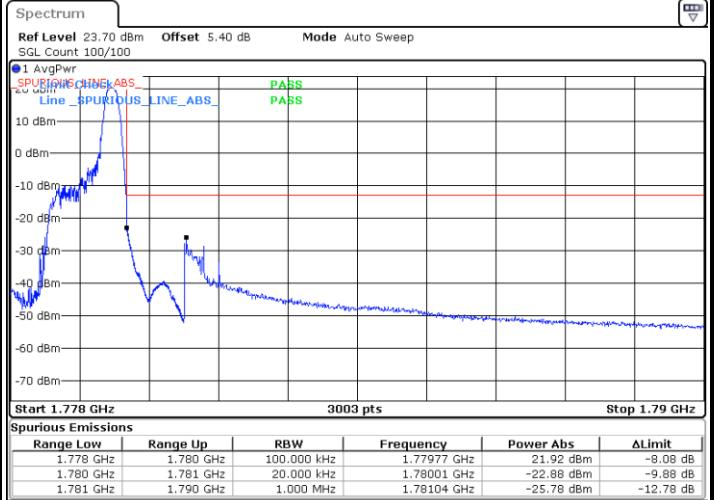
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



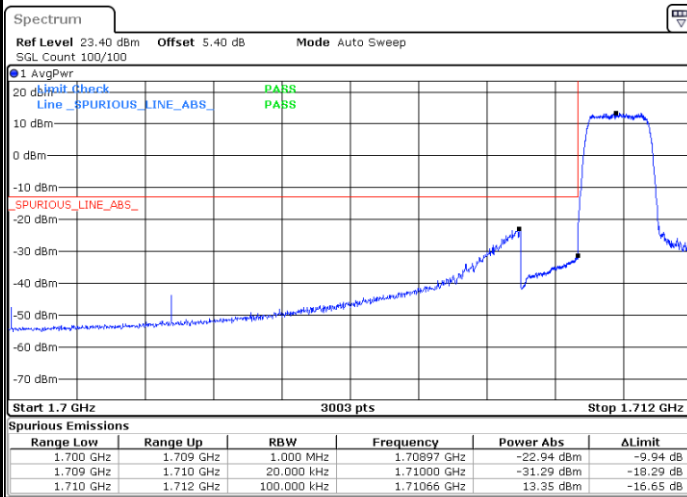
Date: 8 MAY 2021 15:53:52

Highest Band Edge / 1 RB



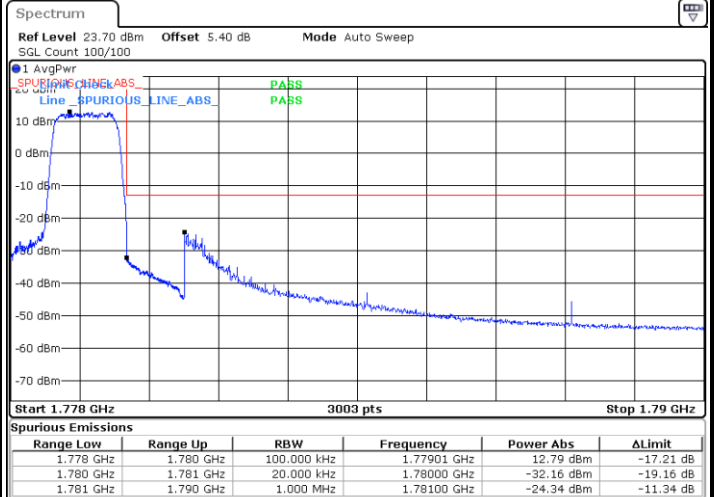
Date: 8 MAY 2021 15:57:14

Lowest Band Edge / Full RB



Date: 8 MAY 2021 15:50:30

Highest Band Edge / Full RB

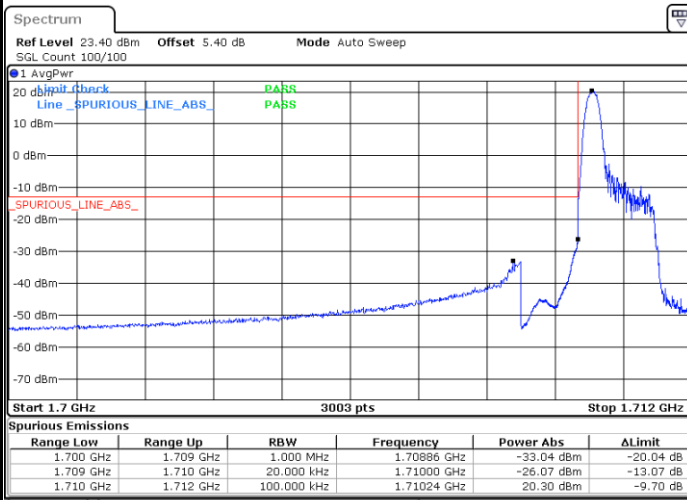


Date: 8 MAY 2021 16:00:37



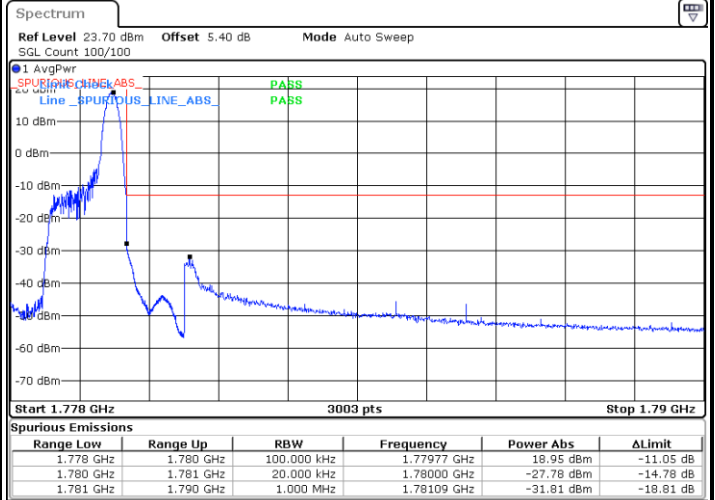
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



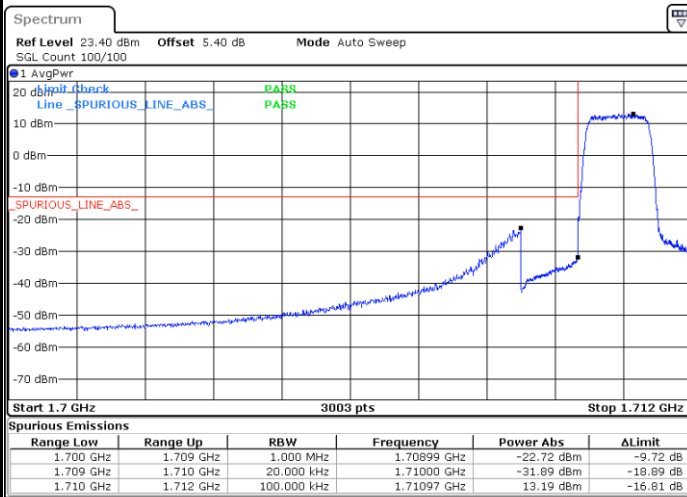
Date: 8 MAY 2021 15:52:45

Highest Band Edge / 1 RB



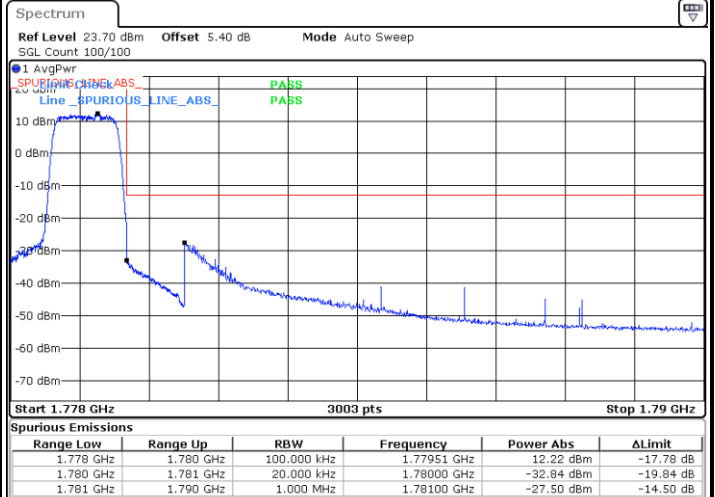
Date: 8 MAY 2021 15:56:07

Lowest Band Edge / Full RB



Date: 8 MAY 2021 15:51:37

Highest Band Edge / Full RB

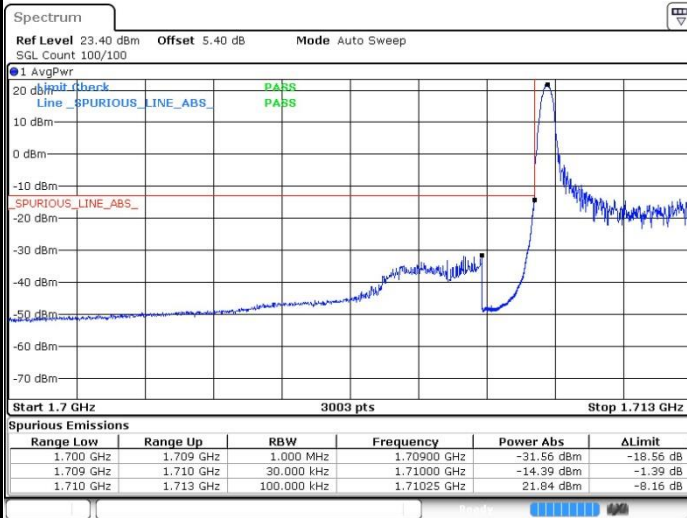


Date: 8 MAY 2021 16:09:19



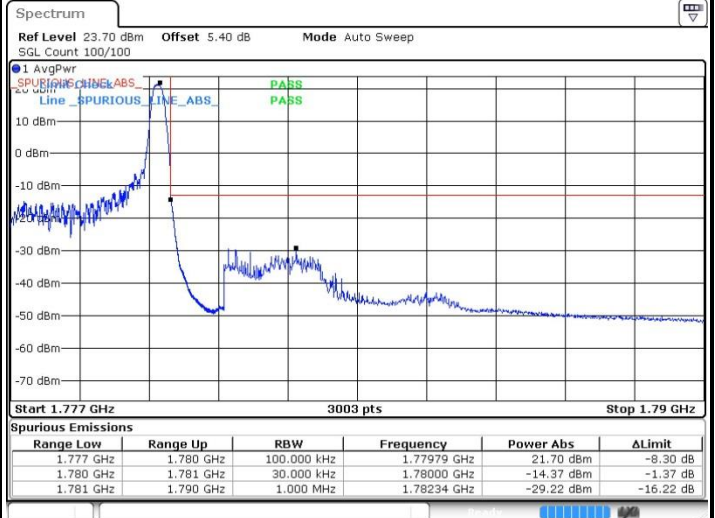
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



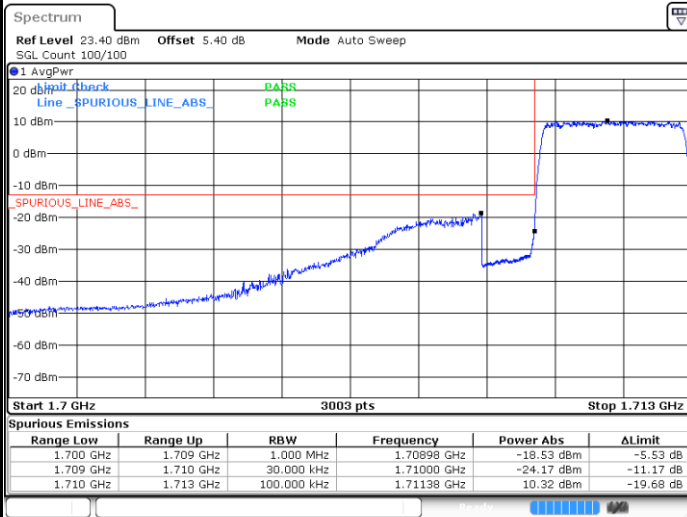
Date: 10.MAY.2021 18:26:43

Highest Band Edge / 1 RB



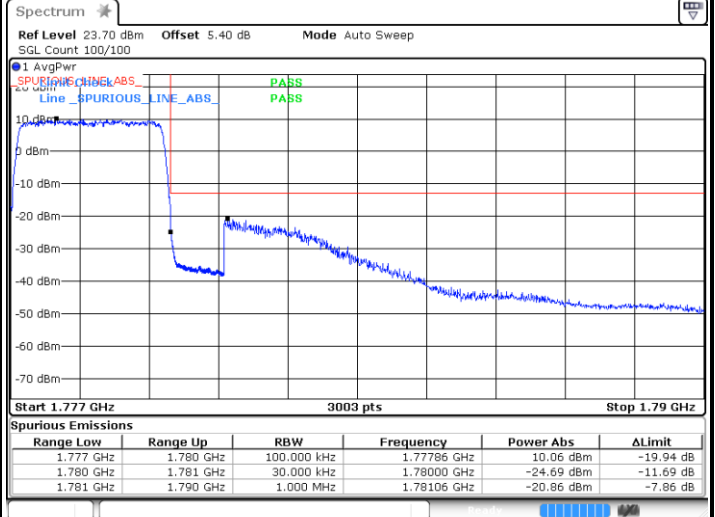
Date: 10.MAY.2021 18:31:11

Lowest Band Edge / Full RB



Date: 8.MAY.2021 16:56:14

Highest Band Edge / Full RB

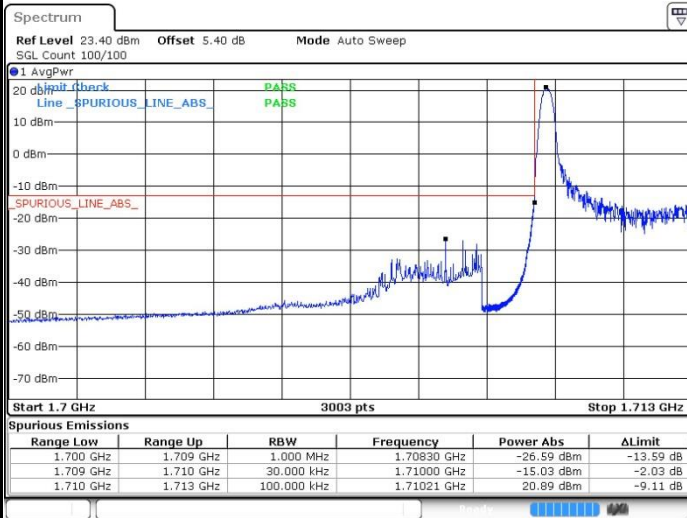


Date: 8.MAY.2021 16:53:48



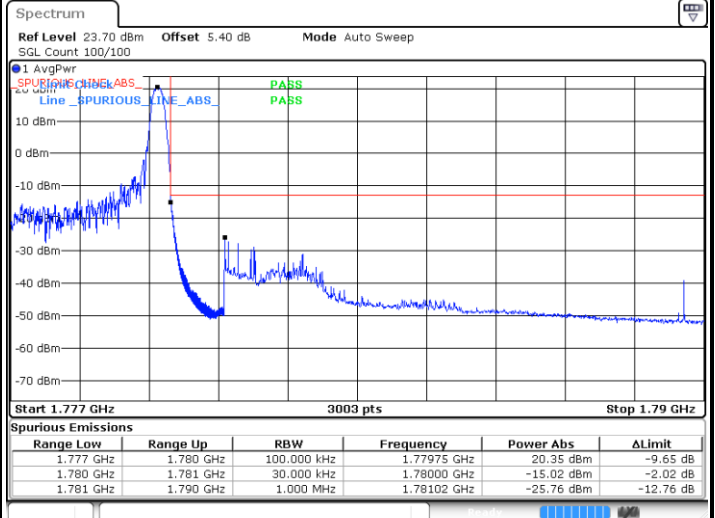
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



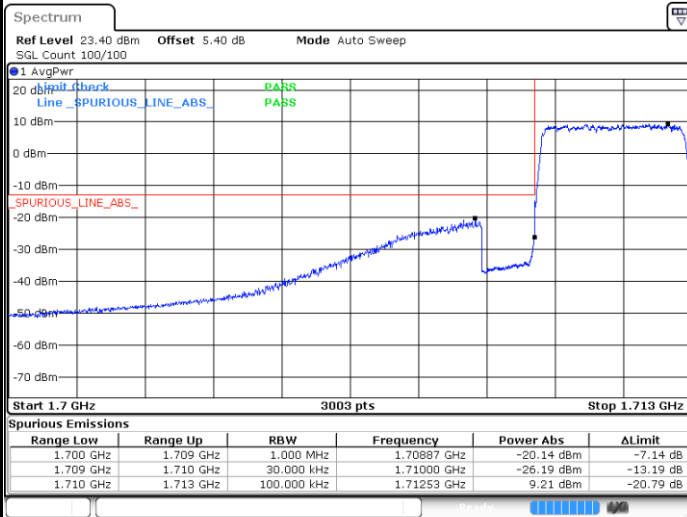
Date: 10 MAY 2021 18:27:33

Highest Band Edge / 1 RB



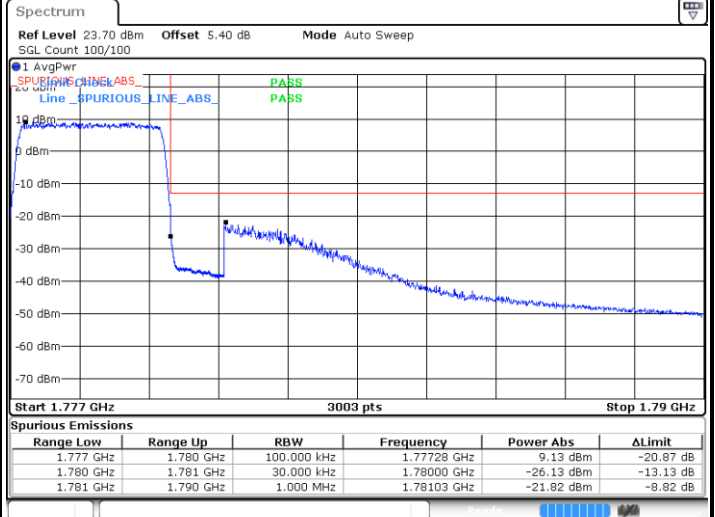
Date: 8 MAY 2021 16:23:35

Lowest Band Edge / Full RB



Date: 8 MAY 2021 16:16:50

Highest Band Edge / Full RB

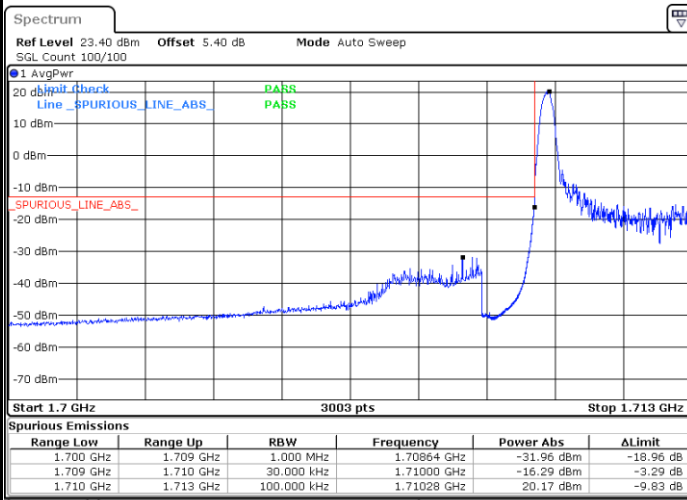


Date: 8 MAY 2021 16:26:58



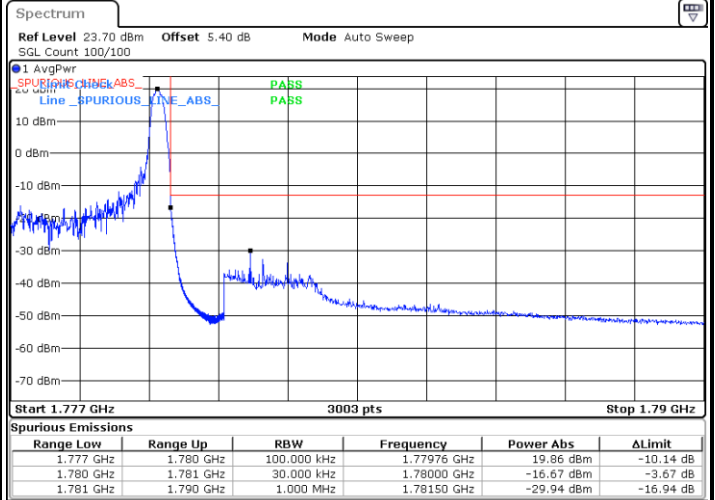
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



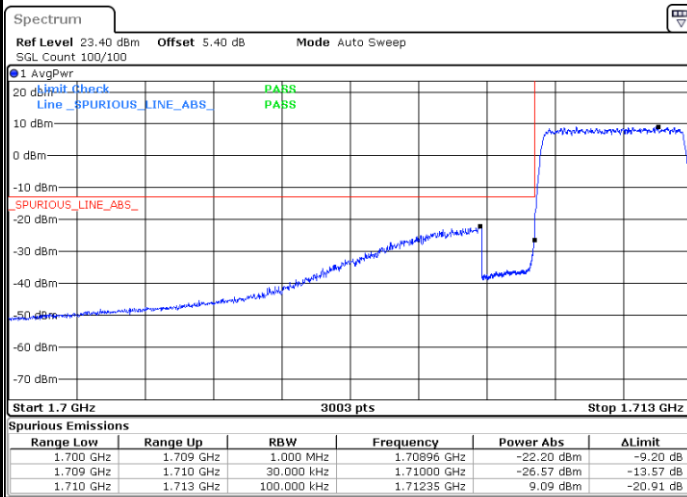
Date: 8 MAY 2021 16:19:05

Highest Band Edge / 1 RB



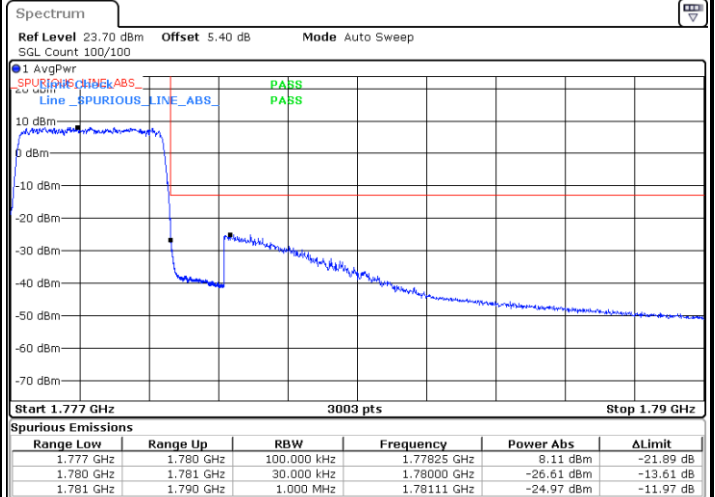
Date: 8 MAY 2021 16:24:43

Lowest Band Edge / Full RB



Date: 8 MAY 2021 16:17:58

Highest Band Edge / Full RB

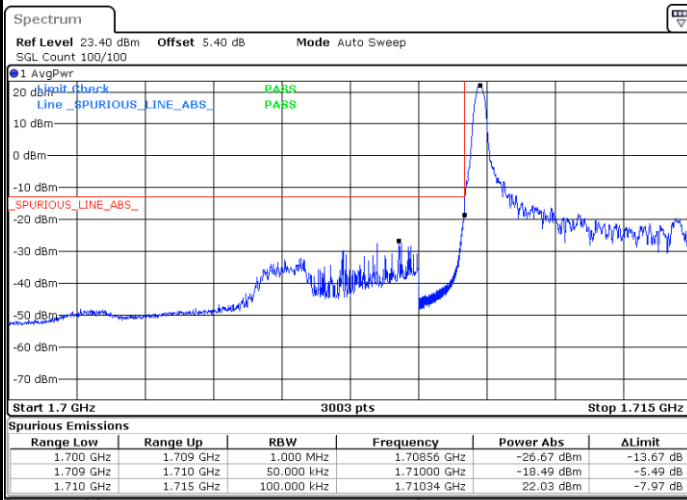


Date: 8 MAY 2021 16:25:50



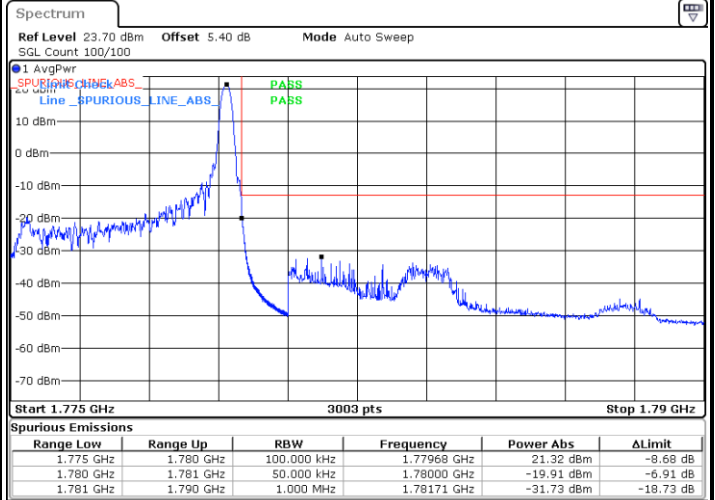
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



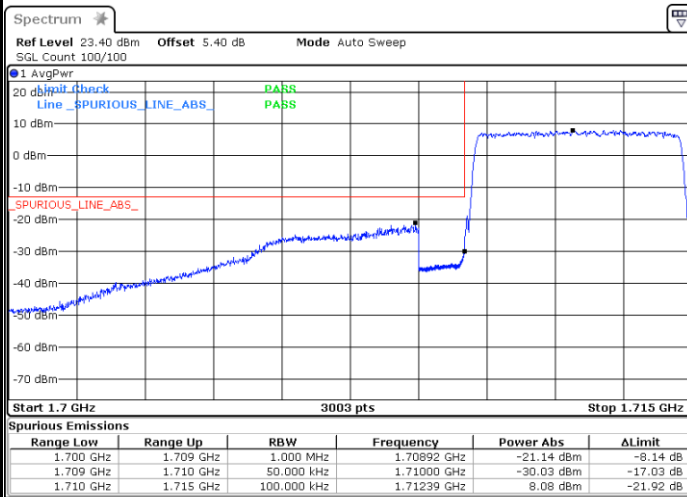
Date: 8 MAY 2021 16:42:52

Highest Band Edge / 1 RB



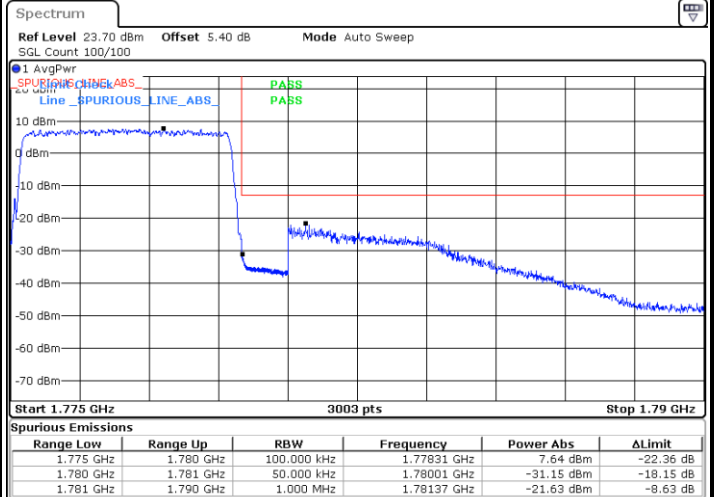
Date: 8 MAY 2021 16:47:22

Lowest Band Edge / Full RB



Date: 8 MAY 2021 16:38:22

Highest Band Edge / Full RB

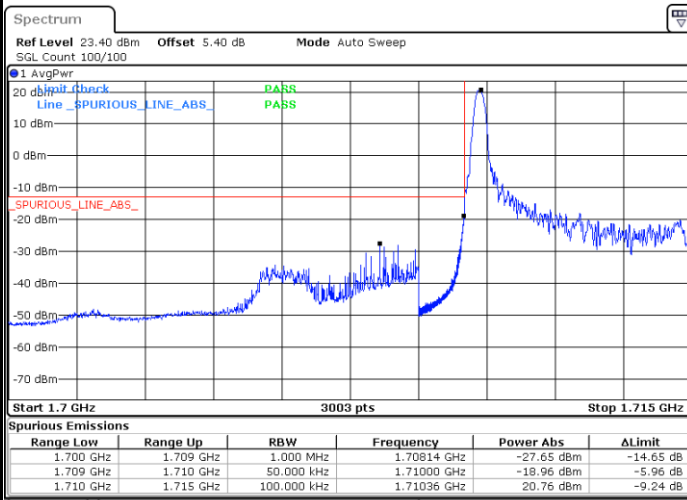


Date: 8 MAY 2021 16:48:29



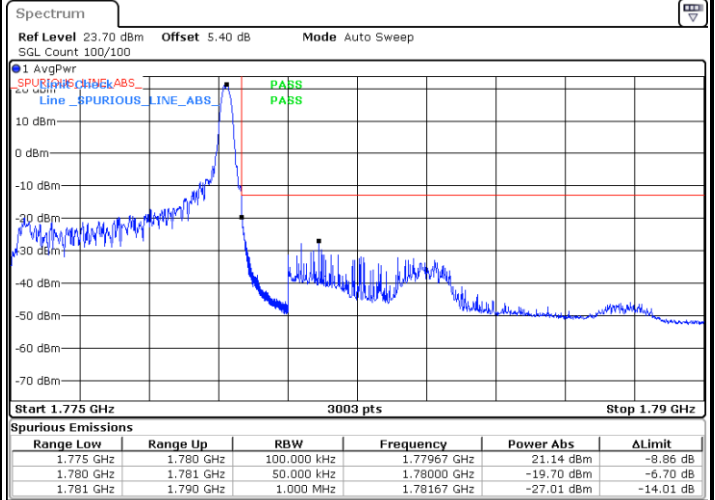
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



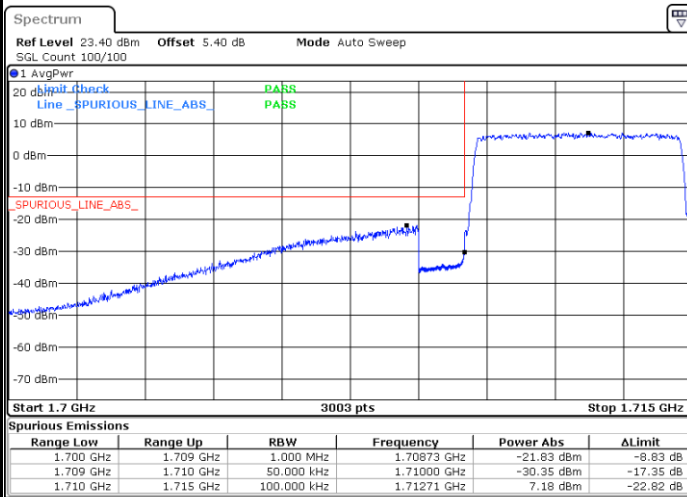
Date: 8 MAY 2021 16:43:59

Highest Band Edge / 1 RB



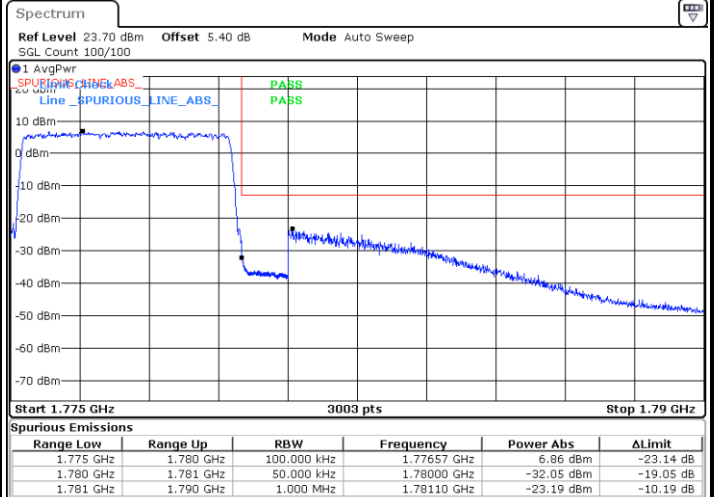
Date: 8 MAY 2021 16:45:07

Lowest Band Edge / Full RB



Date: 8 MAY 2021 16:39:29

Highest Band Edge / Full RB

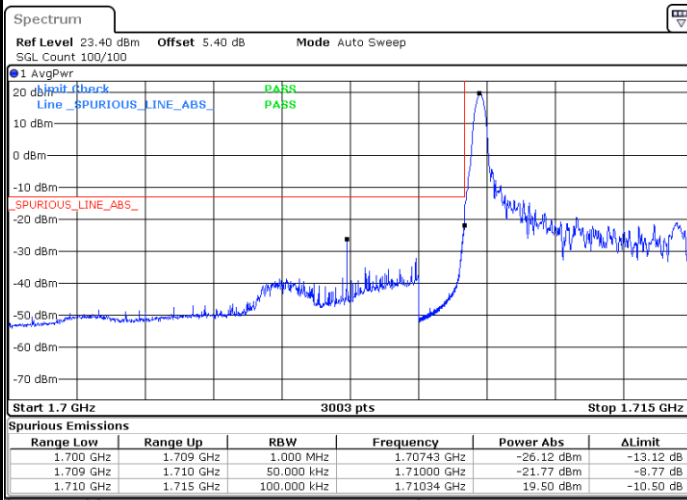


Date: 8 MAY 2021 16:49:37



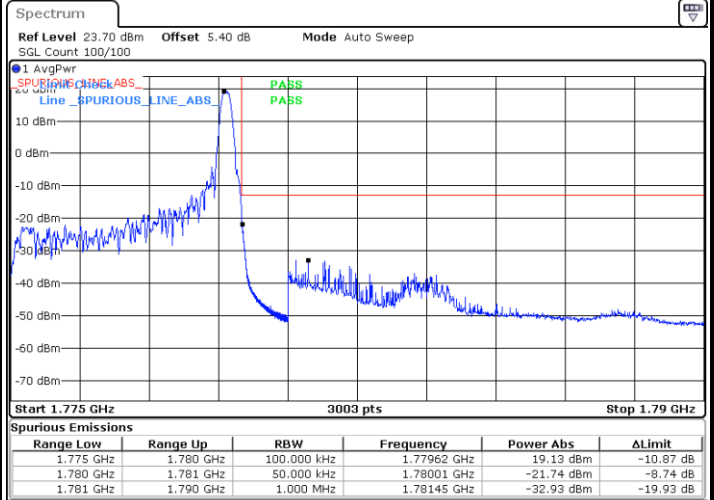
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



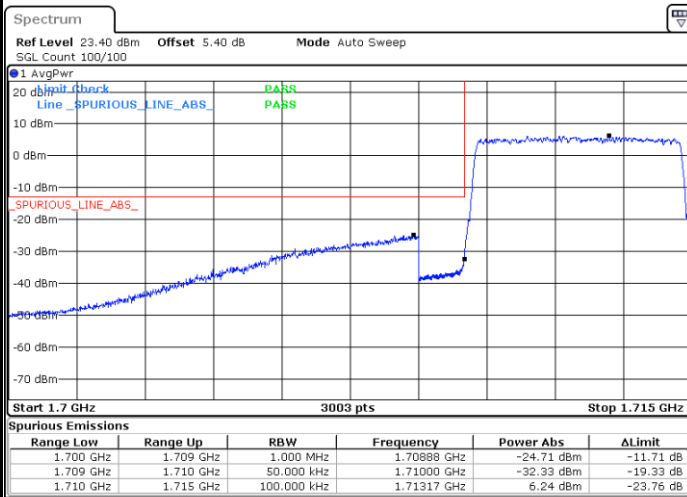
Date: 8 MAY 2021 16:41:44

Highest Band Edge / 1 RB



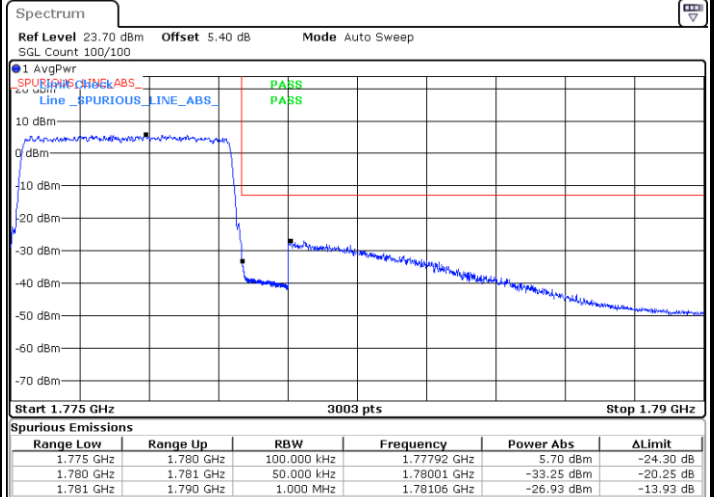
Date: 8 MAY 2021 16:46:14

Lowest Band Edge / Full RB



Date: 8 MAY 2021 16:40:37

Highest Band Edge / Full RB

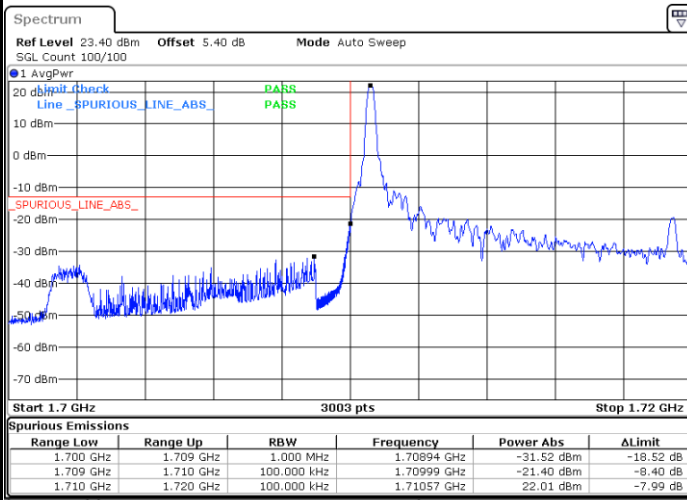


Date: 8 MAY 2021 16:50:44



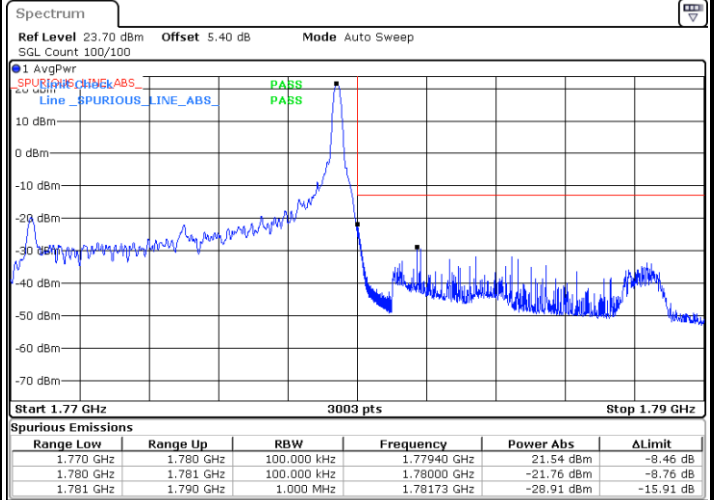
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



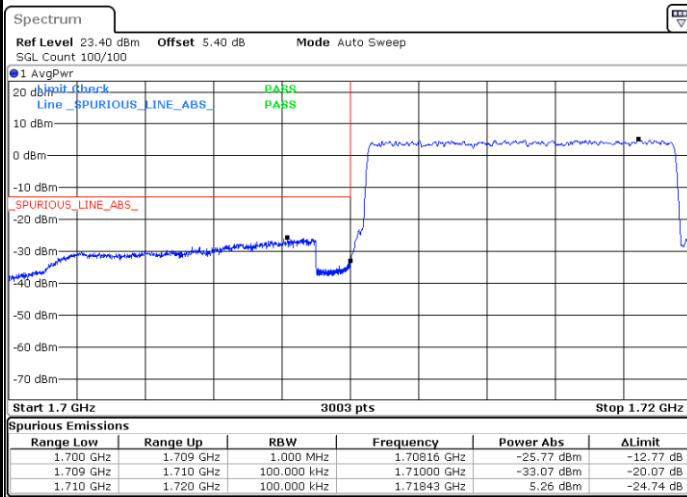
Date: 8 MAY 2021 17:24:38

Highest Band Edge / 1 RB



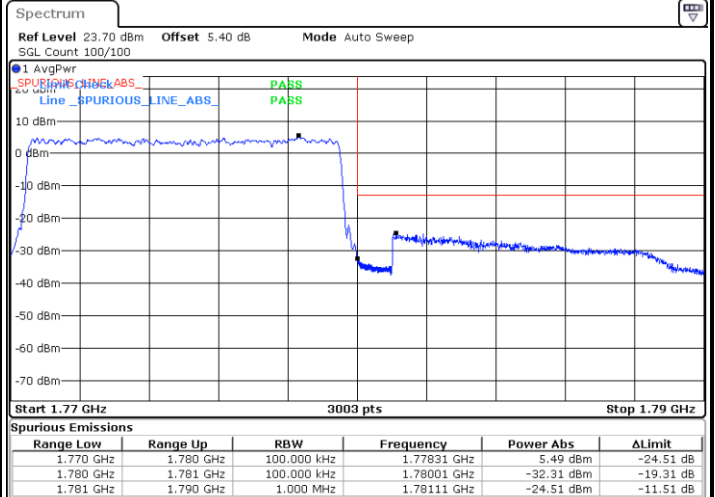
Date: 8 MAY 2021 17:25:46

Lowest Band Edge / Full RB



Date: 8 MAY 2021 17:19:01

Highest Band Edge / Full RB



Date: 8 MAY 2021 17:31:23