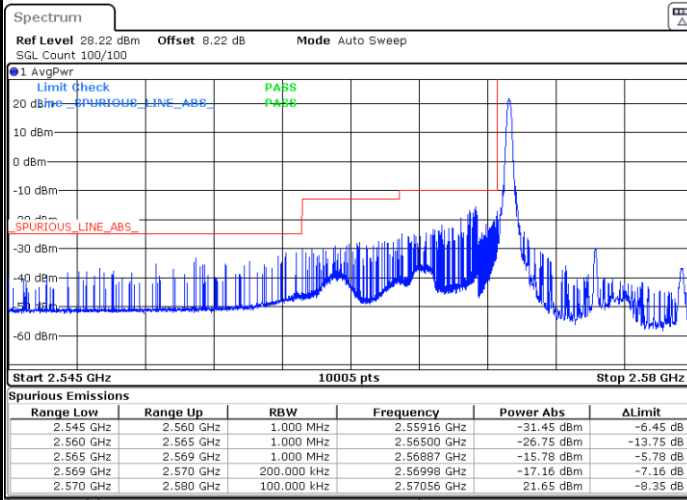




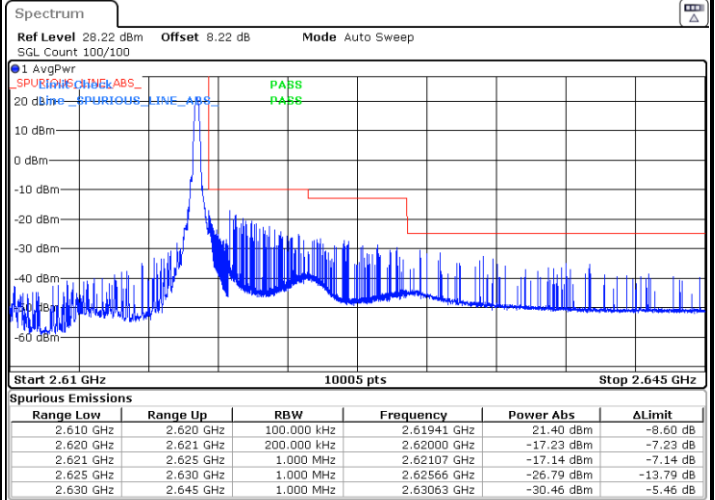
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



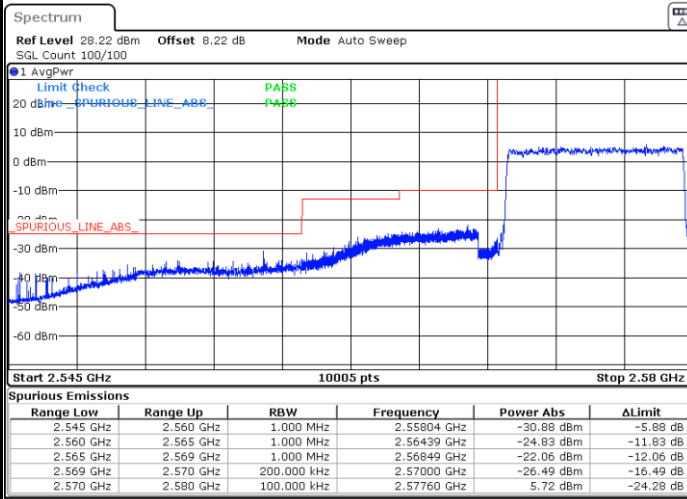
Date: 11.MAY.2021 19:59:07

Highest Band Edge / 1 RB



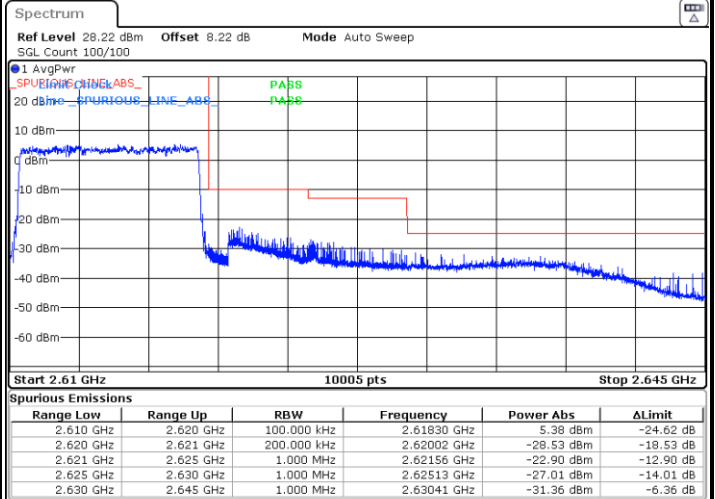
Date: 11.MAY.2021 20:01:08

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:59:24

Highest Band Edge / Full RB

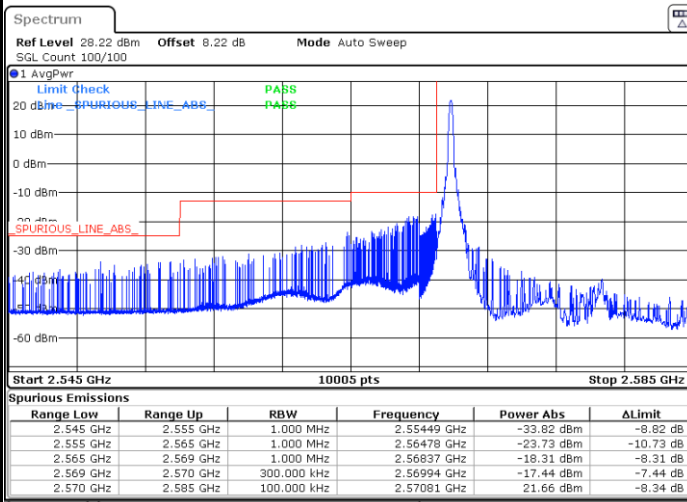


Date: 11.MAY.2021 20:00:50



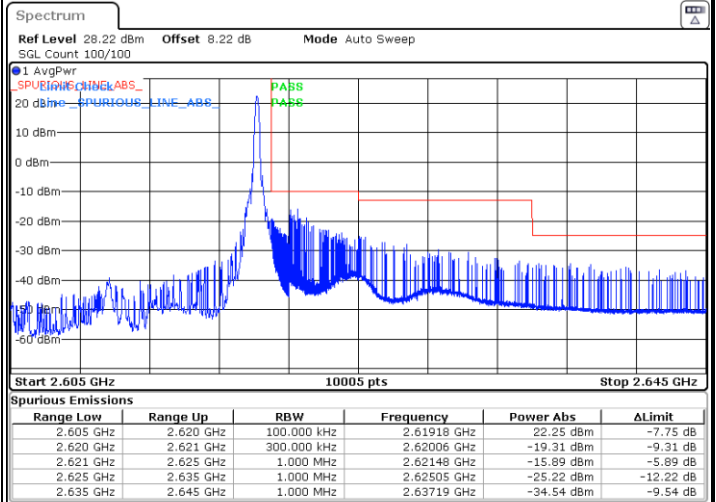
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



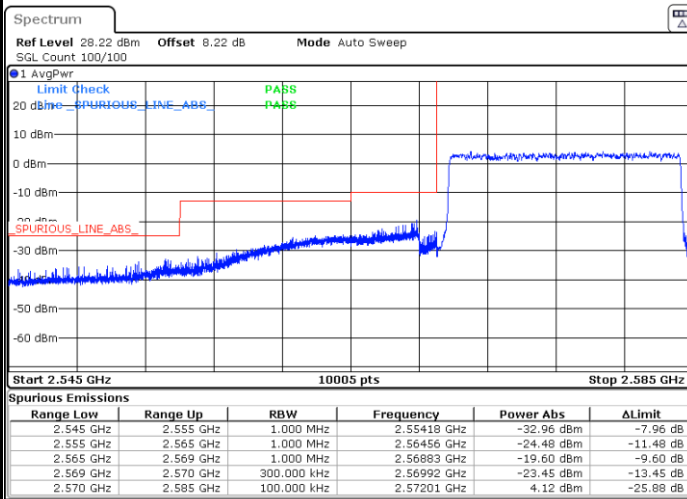
Date: 11.MAY.2021 19:27:31

Highest Band Edge / 1 RB



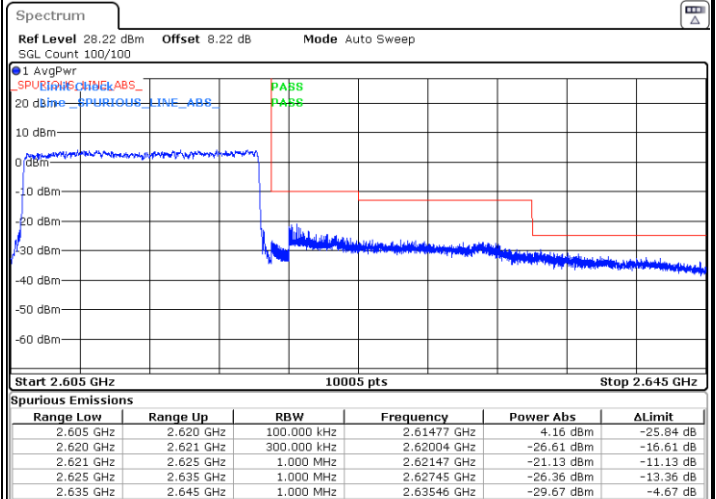
Date: 11.MAY.2021 19:30:39

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:28:51

Highest Band Edge / Full RB

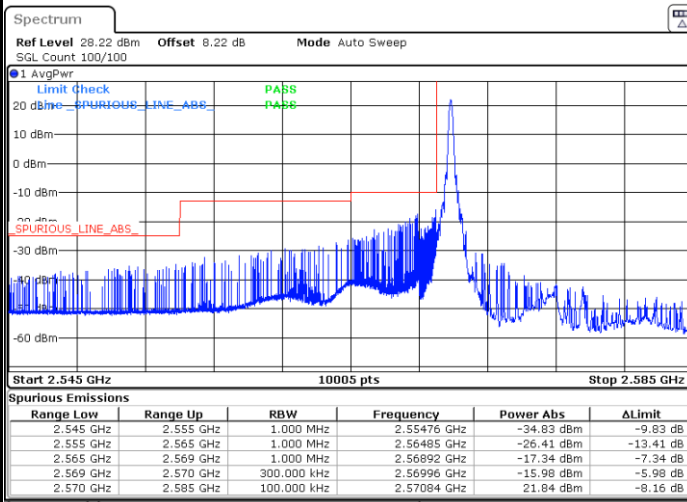


Date: 11.MAY.2021 19:29:08



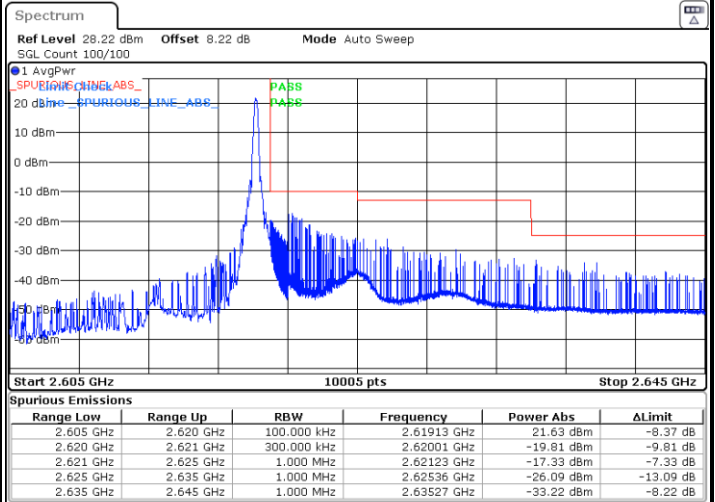
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



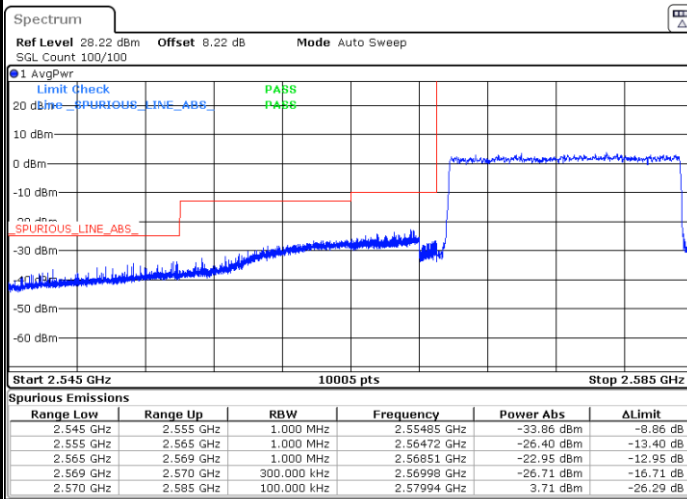
Date: 11.MAY.2021 19:27:51

Highest Band Edge / 1 RB



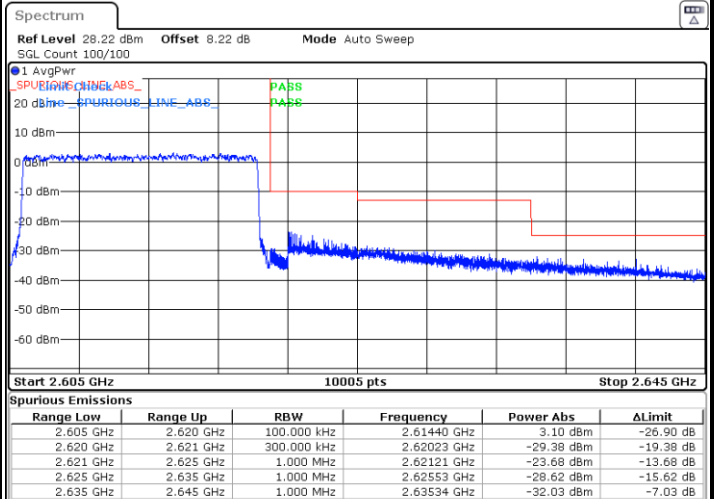
Date: 11.MAY.2021 19:30:18

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:28:36

Highest Band Edge / Full RB

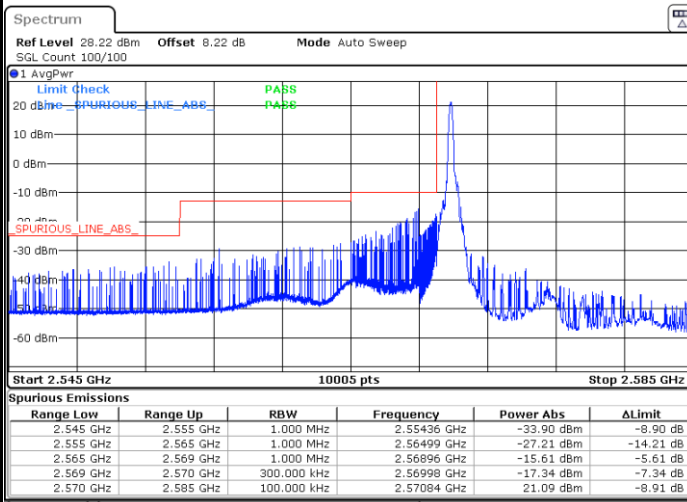


Date: 11.MAY.2021 19:29:25



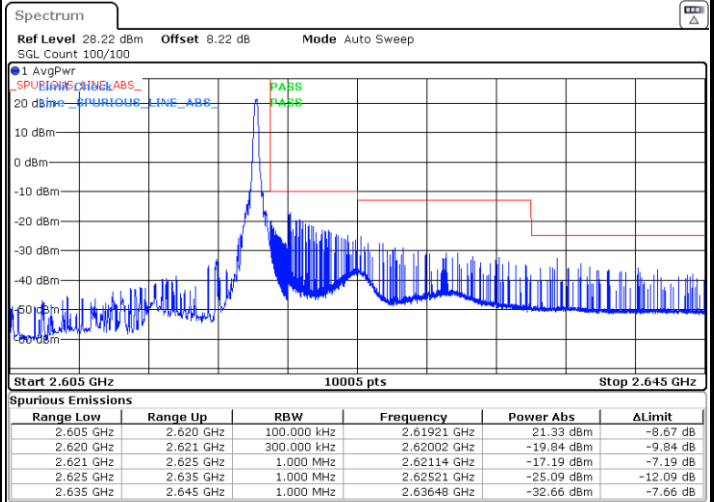
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



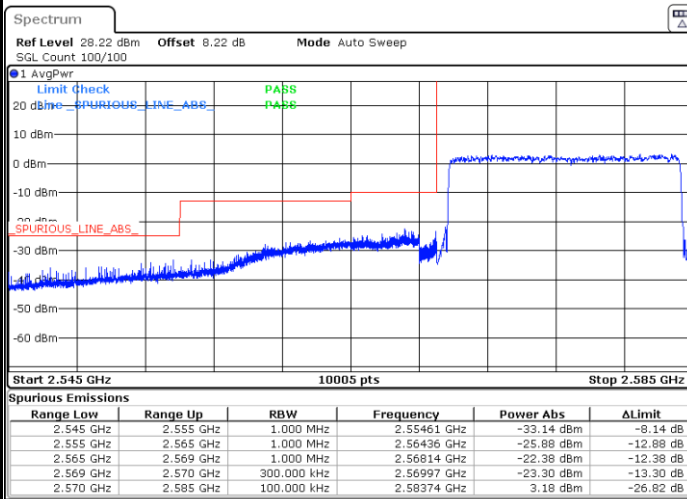
Date: 11.MAY.2021 19:28:06

Highest Band Edge / 1 RB



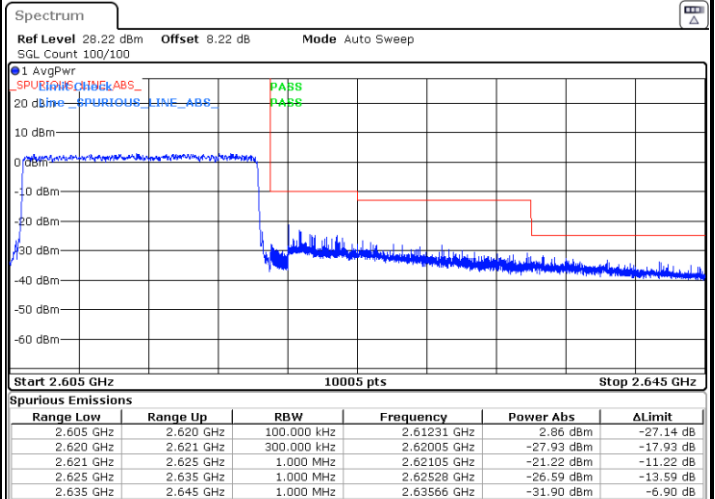
Date: 11.MAY.2021 19:30:01

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:28:22

Highest Band Edge / Full RB

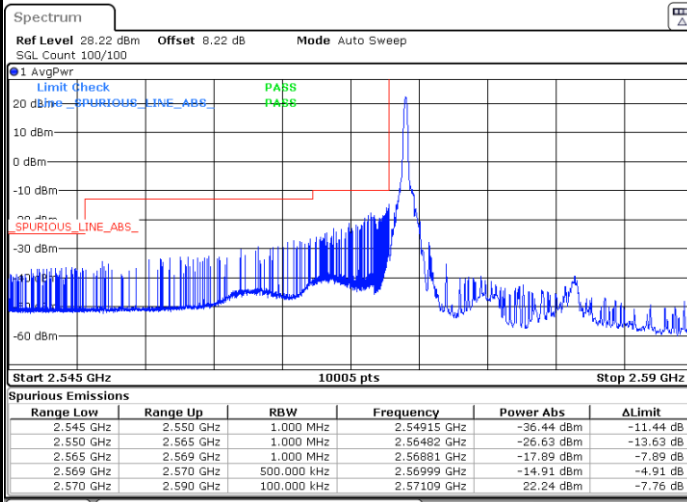


Date: 11.MAY.2021 19:29:43



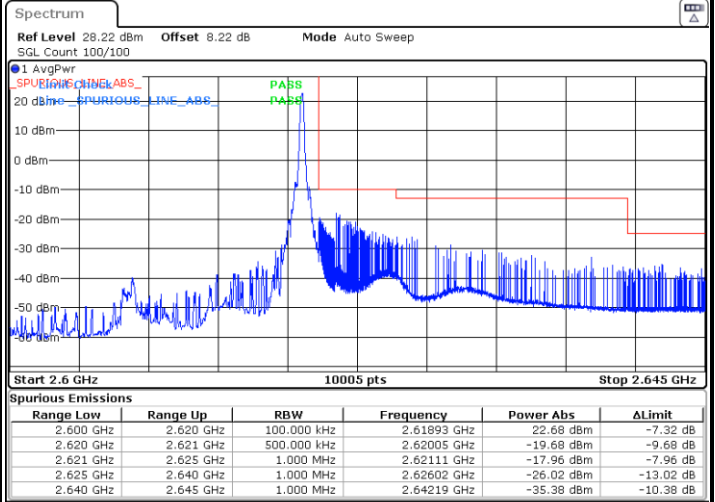
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



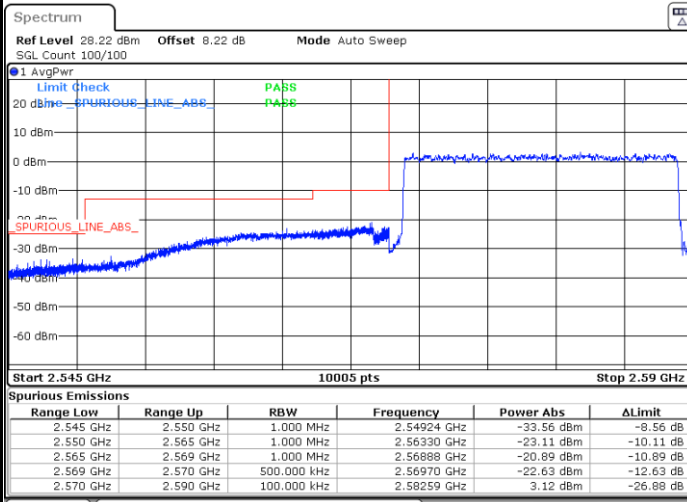
Date: 11.MAY.2021 19:20:29

Highest Band Edge / 1 RB



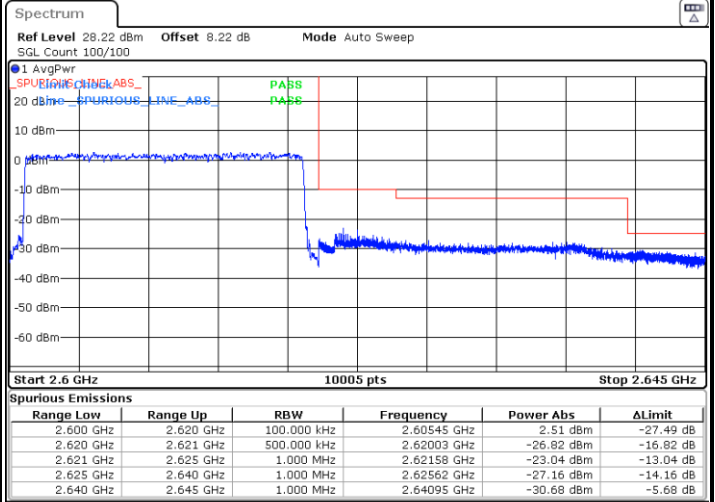
Date: 11.MAY.2021 19:24:25

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:22:22

Highest Band Edge / Full RB

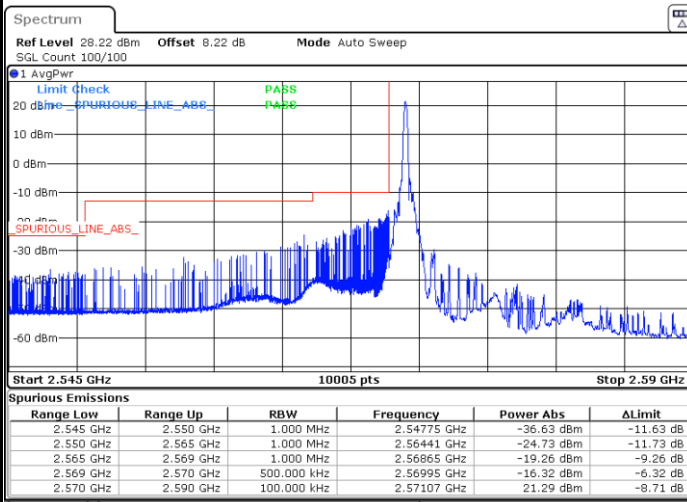


Date: 11.MAY.2021 19:22:46



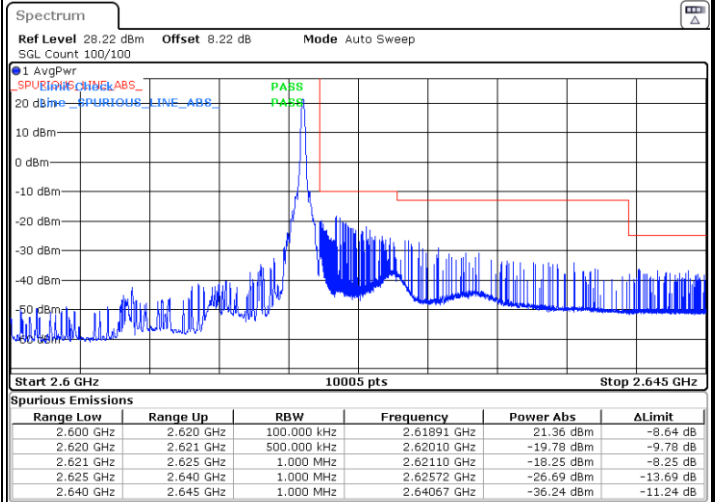
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



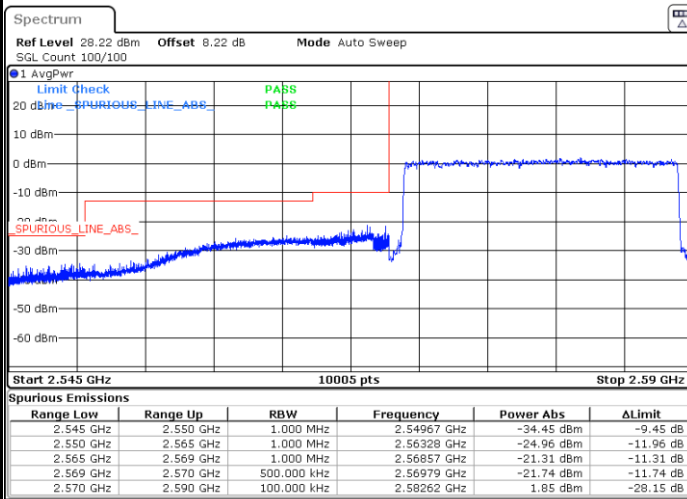
Date: 11.MAY.2021 19:21:23

Highest Band Edge / 1 RB



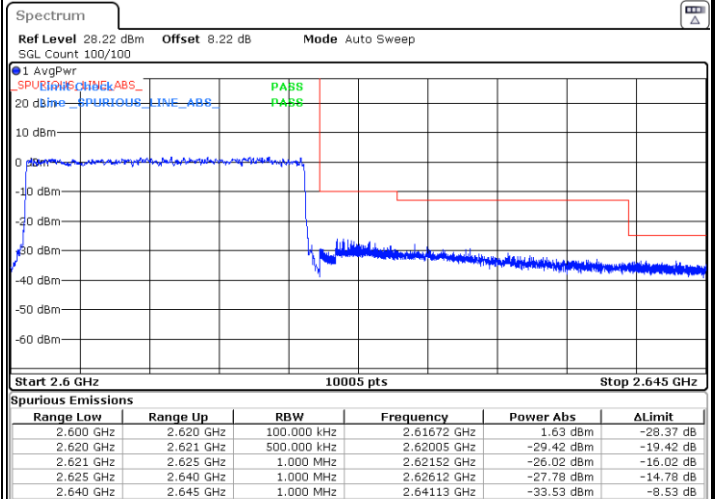
Date: 11.MAY.2021 19:24:07

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:22:08

Highest Band Edge / Full RB

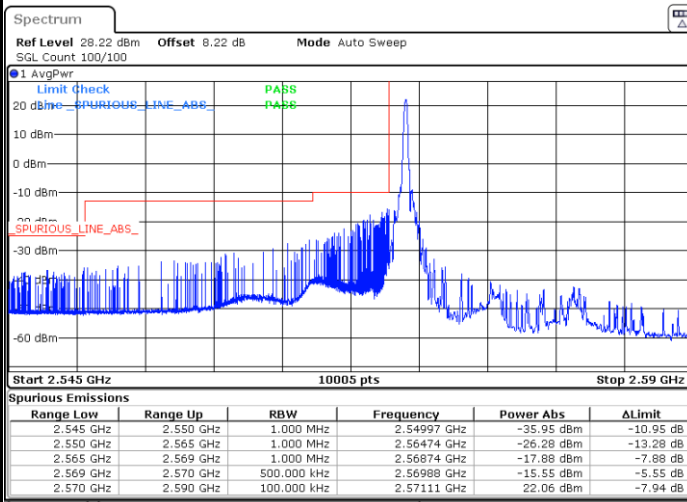


Date: 11.MAY.2021 19:23:04



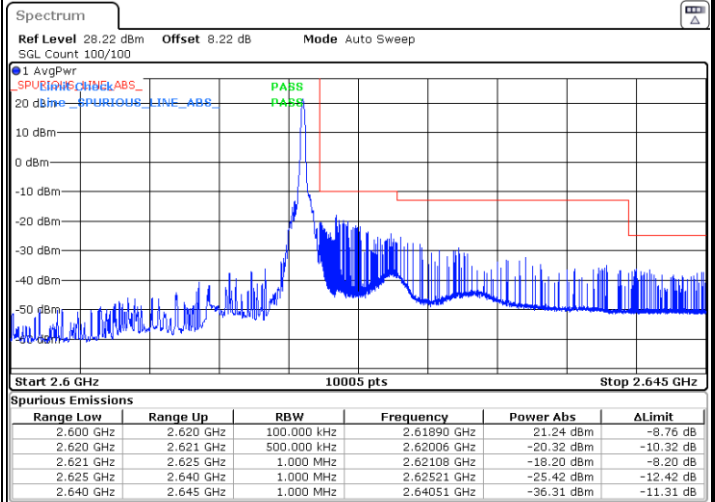
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



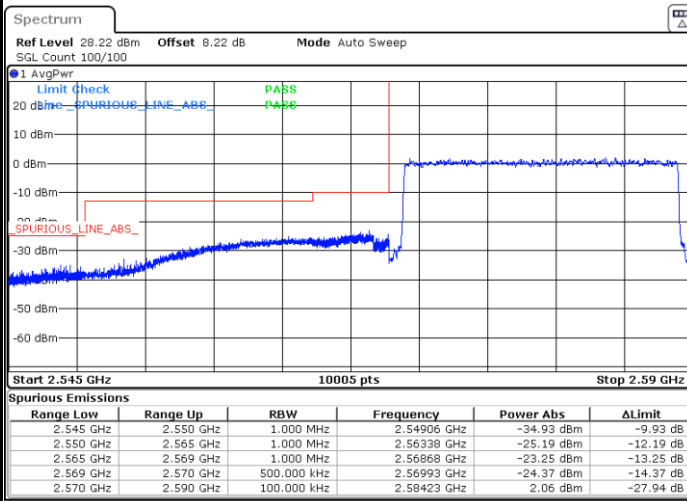
Date: 11.MAY.2021 19:21:38

Highest Band Edge / 1 RB



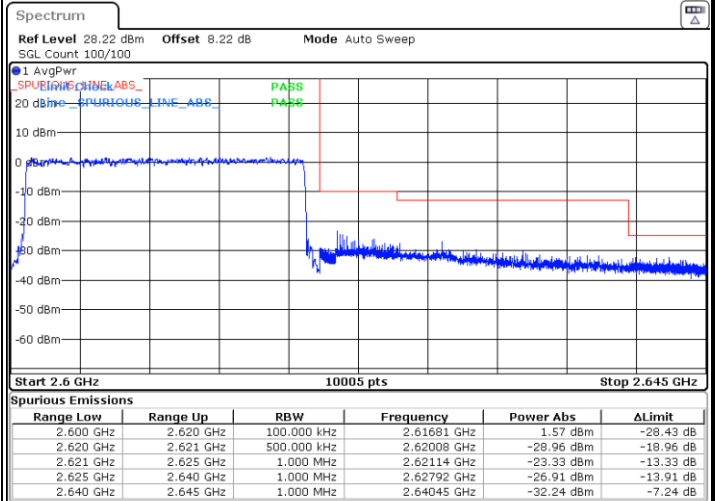
Date: 11.MAY.2021 19:23:50

Lowest Band Edge / Full RB



Date: 11.MAY.2021 19:21:53

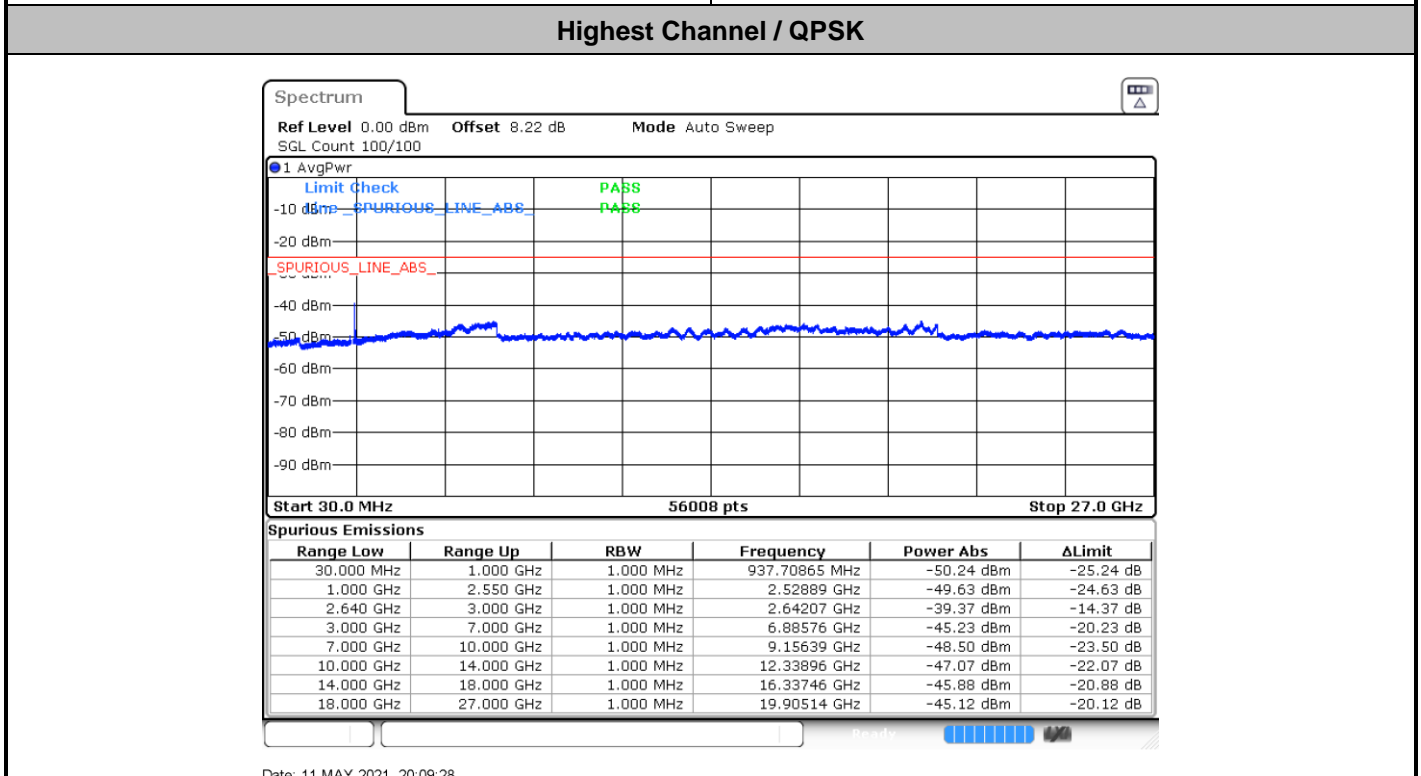
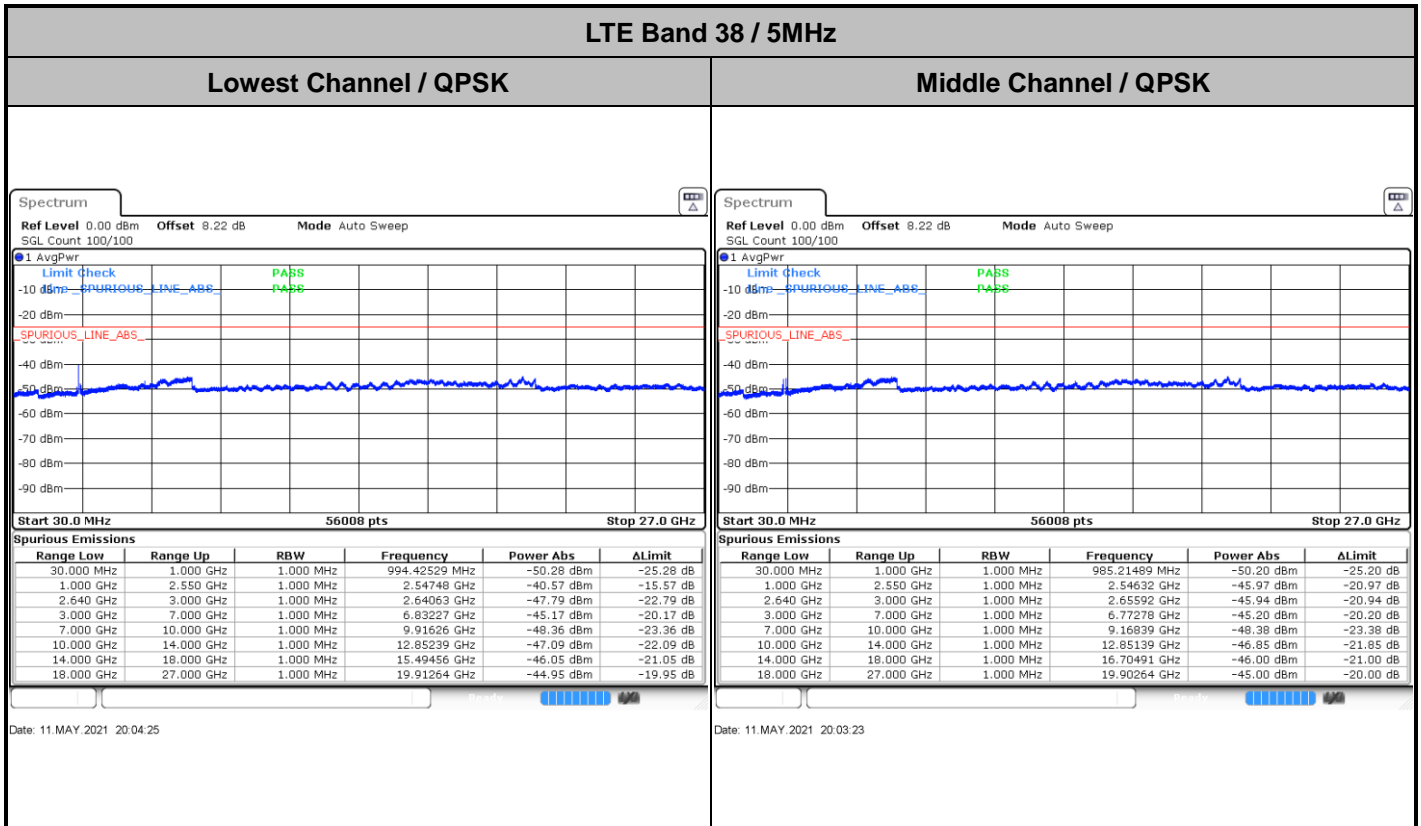
Highest Band Edge / Full RB



Date: 11.MAY.2021 19:23:23



Conducted Spurious Emission

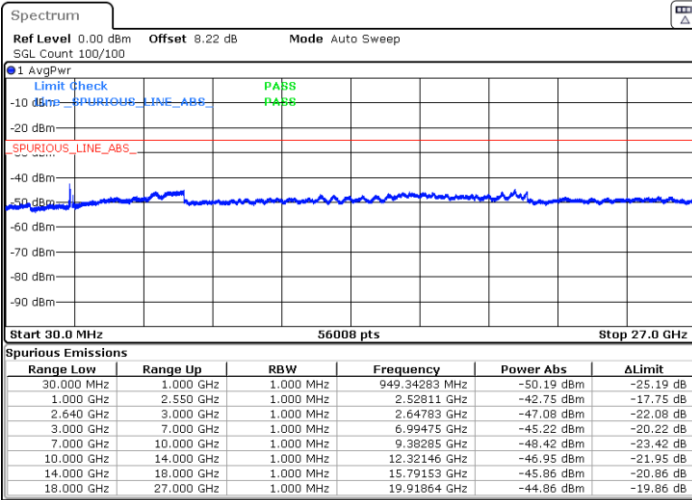




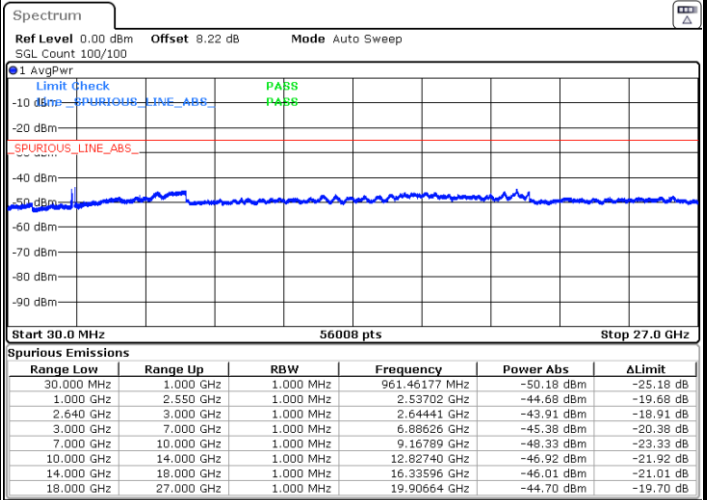
LTE Band 38 / 10MHz

Lowest Channel / QPSK

Middle Channel / 16QAM

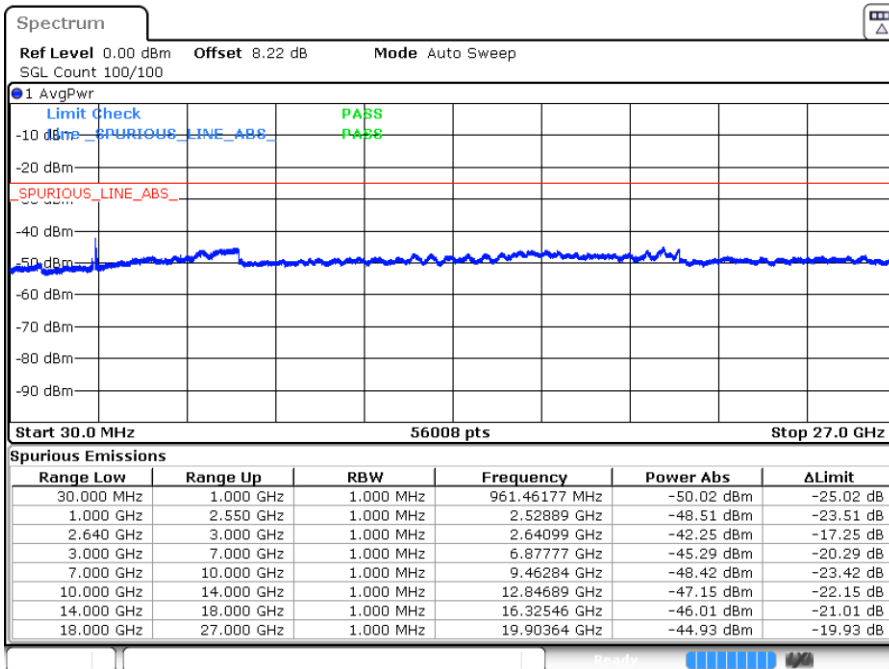


Date: 11.MAY.2021 19:58:18



Date: 11.MAY.2021 19:57:31

Highest Channel / QPSK

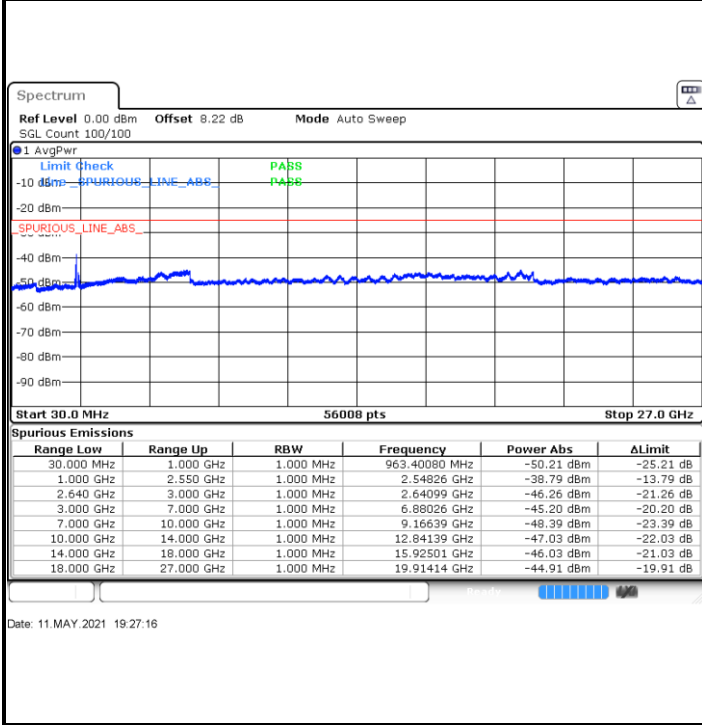


Date: 11.MAY.2021 20:02:30

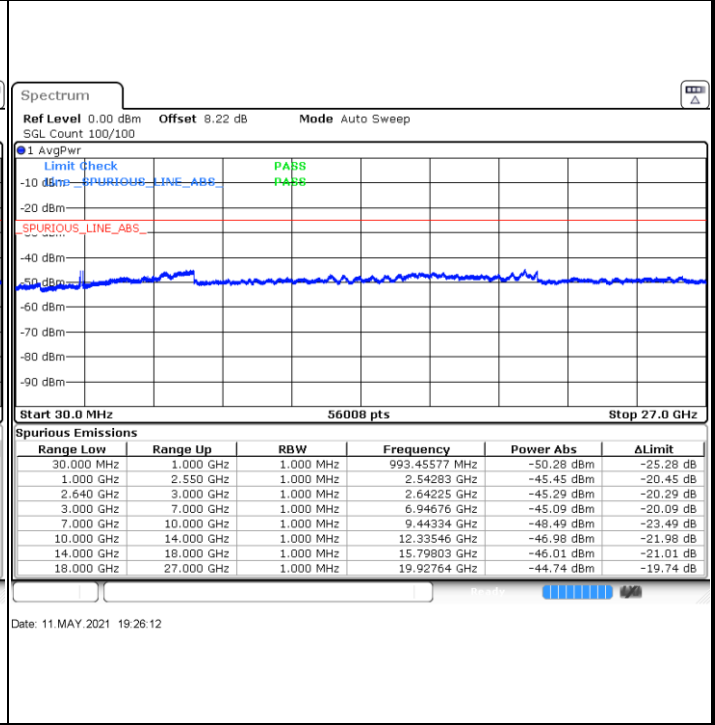


LTE Band 38 / 15MHz

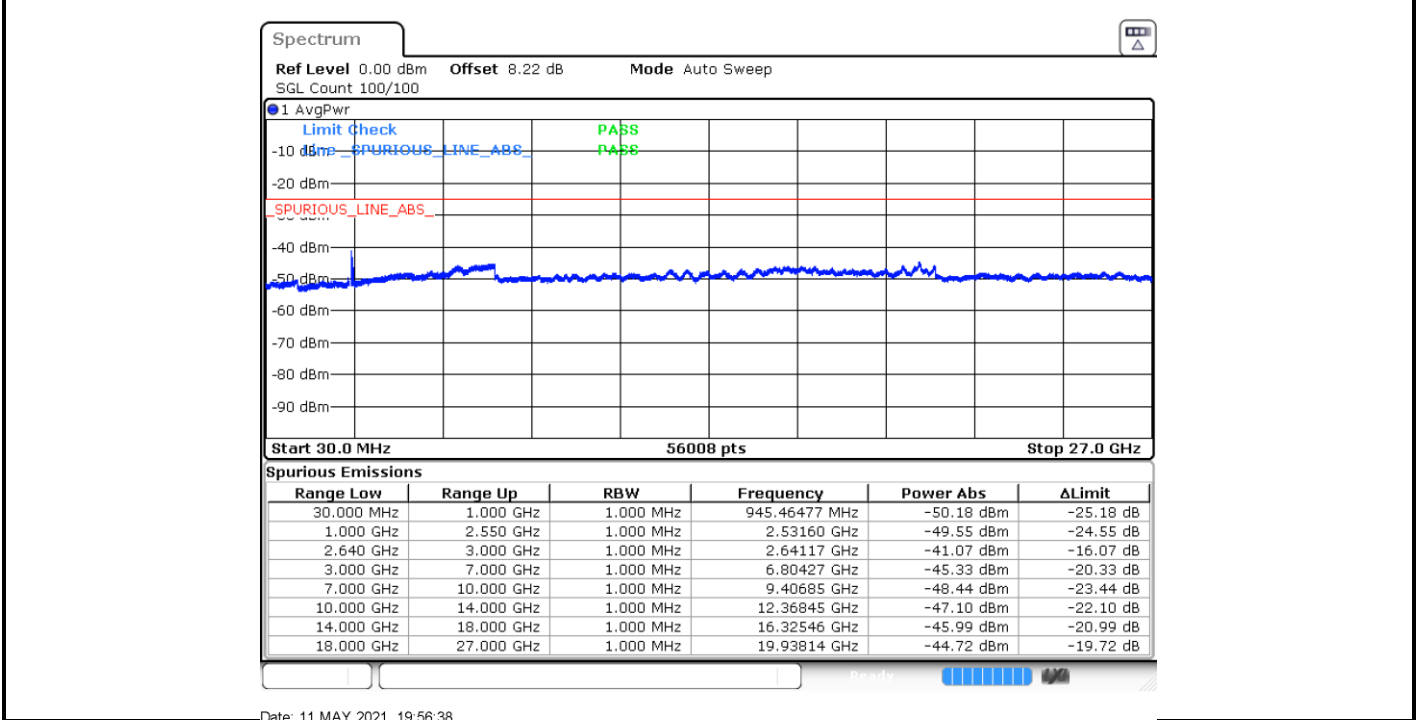
Lowest Channel / QPSK



Middle Channel / QPSK



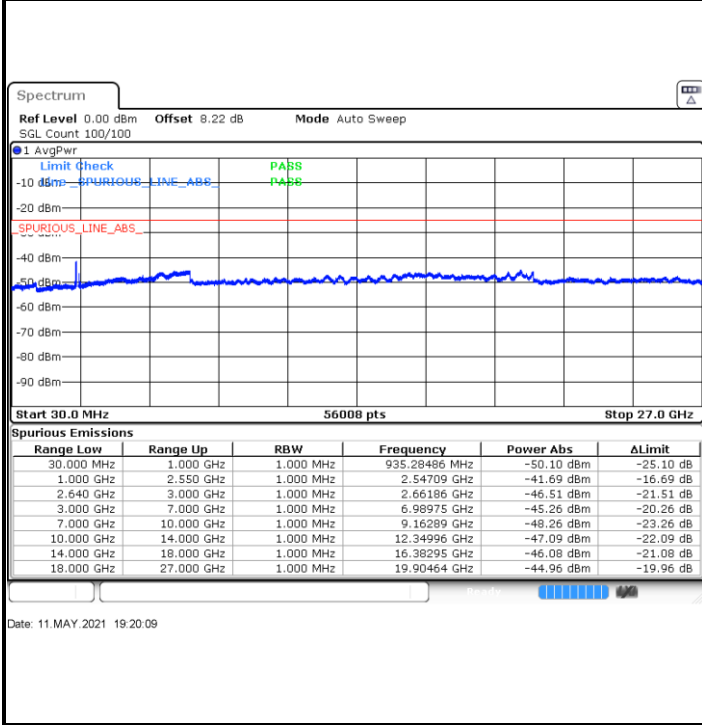
Highest Channel / QPSK



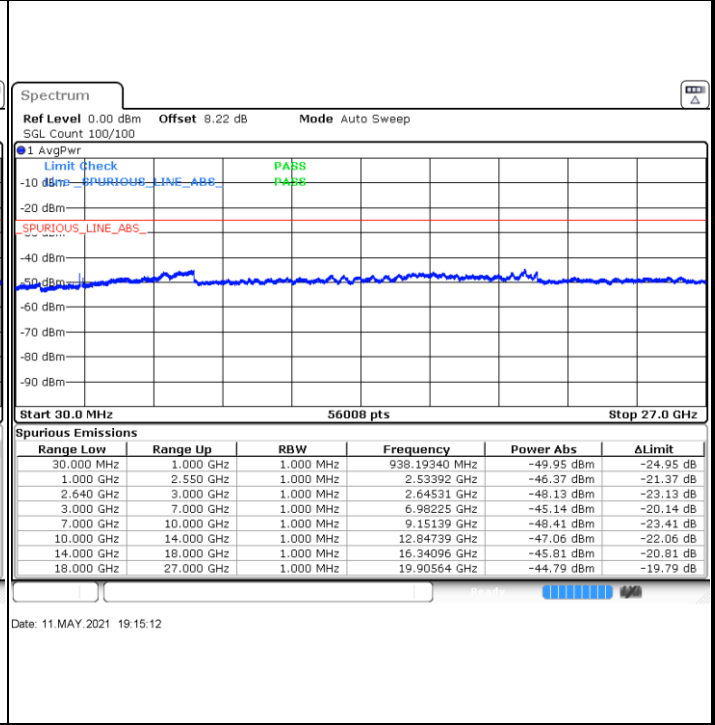


LTE Band 38 / 20MHz

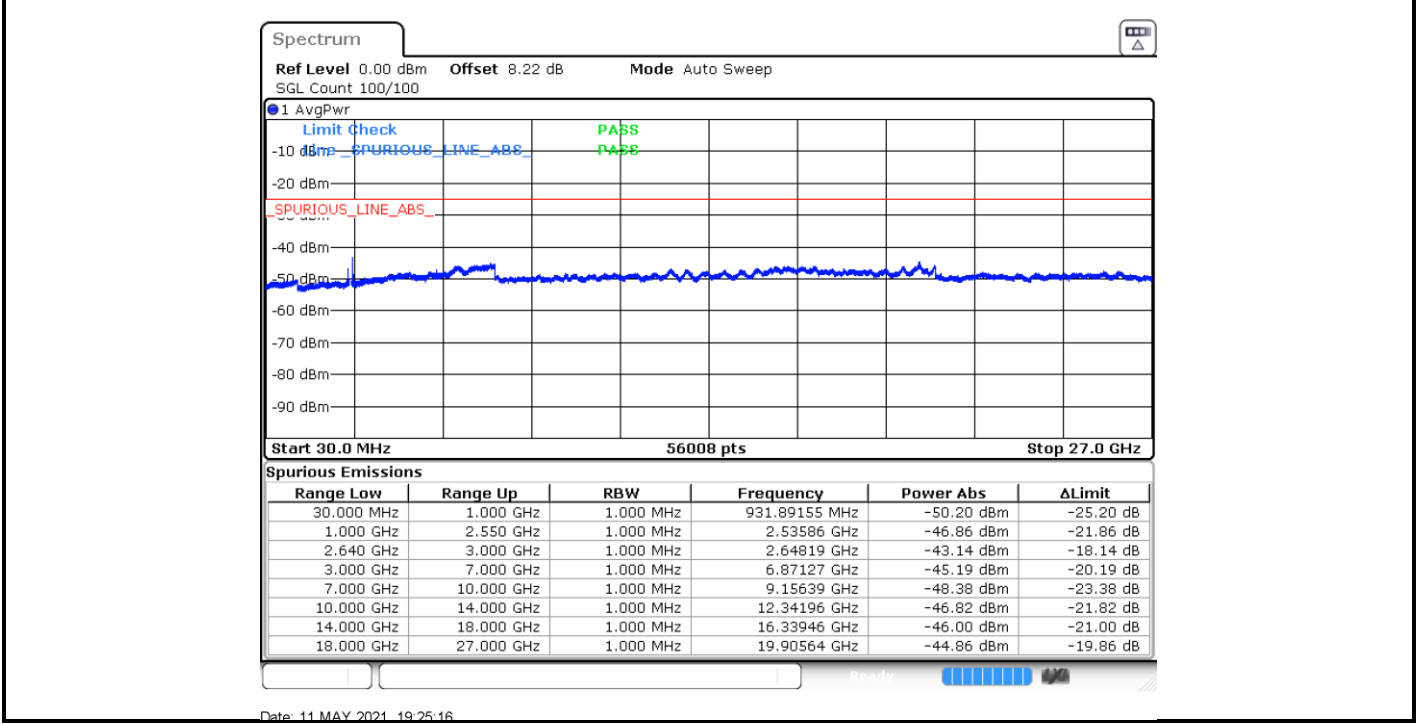
Lowest Channel / QPSK



Middle Channel / 16QAM



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

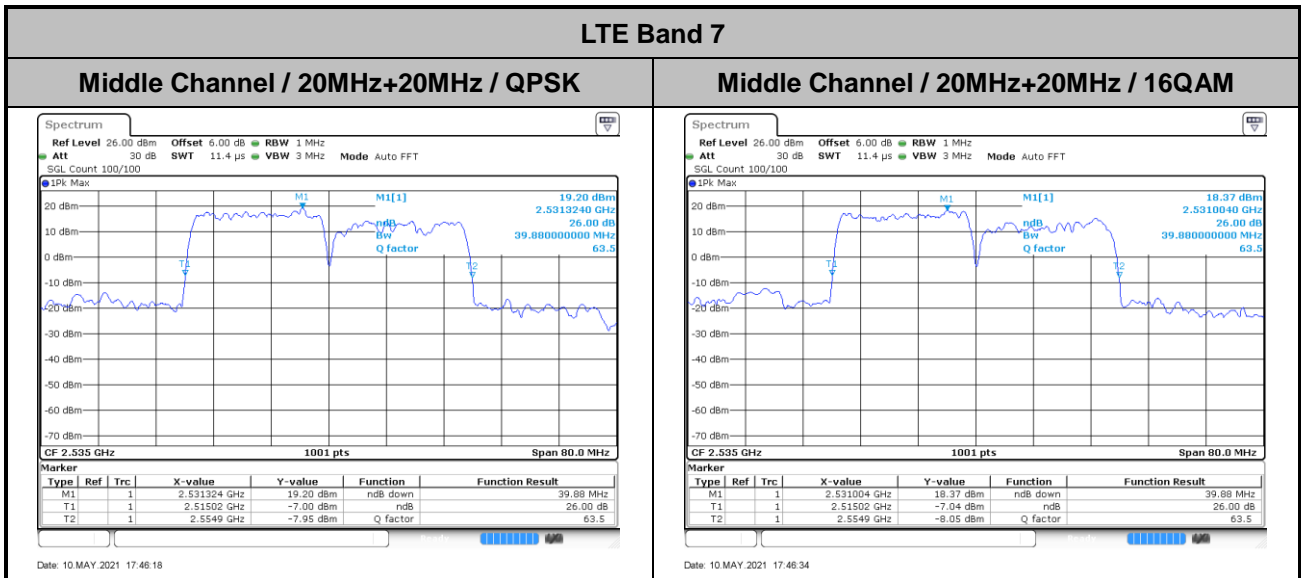
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

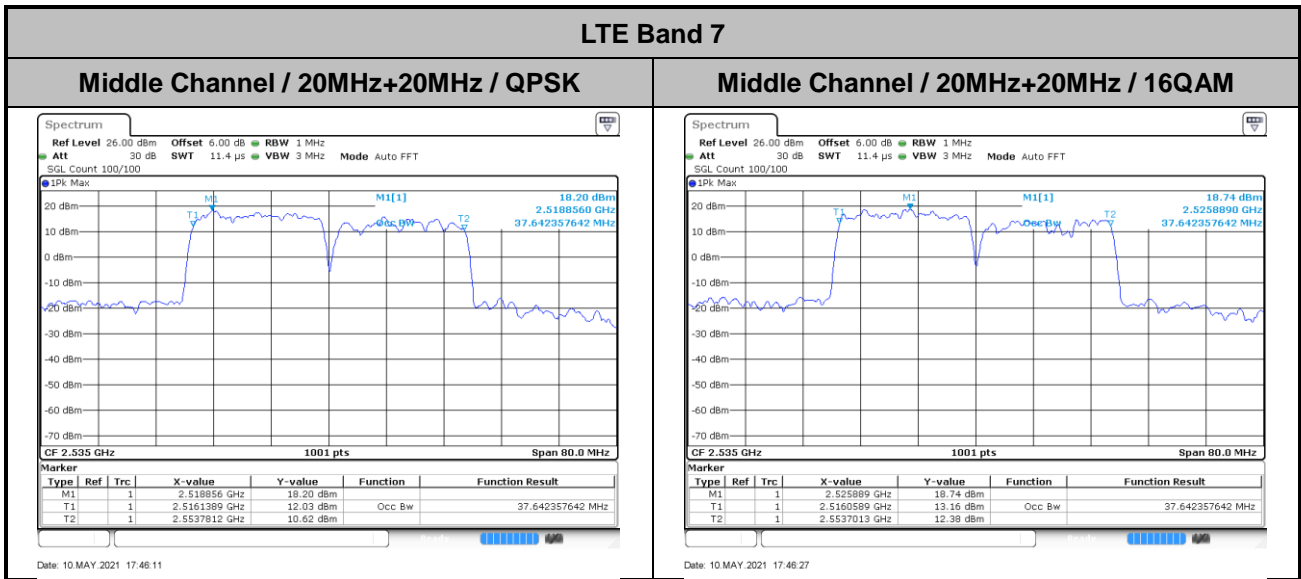
Mode	LTE Band 7c : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	37.64

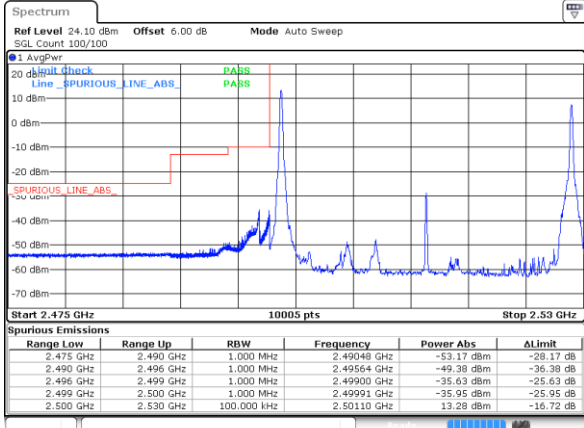




Conducted Band Edge

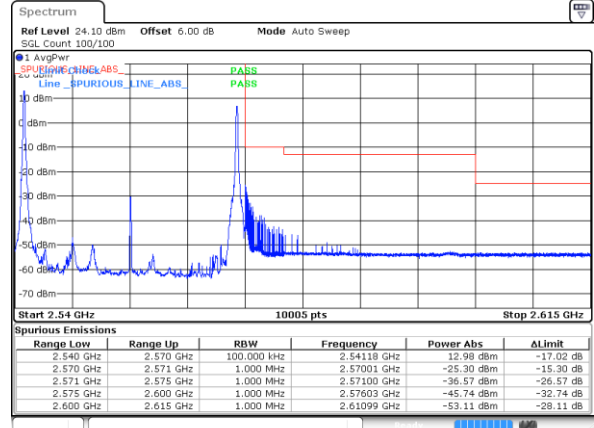
LTE Band 7 / 10MHz+20MHz QPSK

Lowest Band Edge / 1RB0 and 1RB9



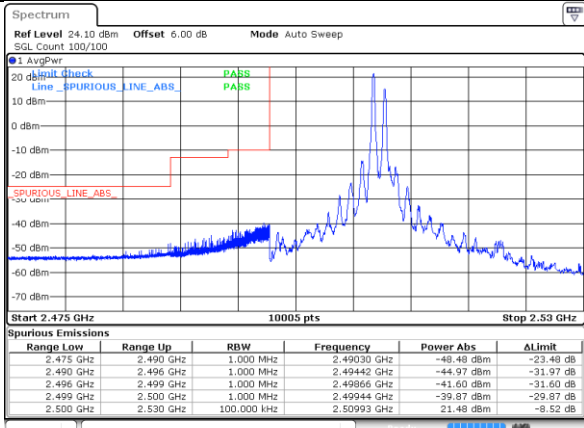
Date: 10 MAY 2021 12:37:58

Highest Band Edge / 1RB0 and 1RB9



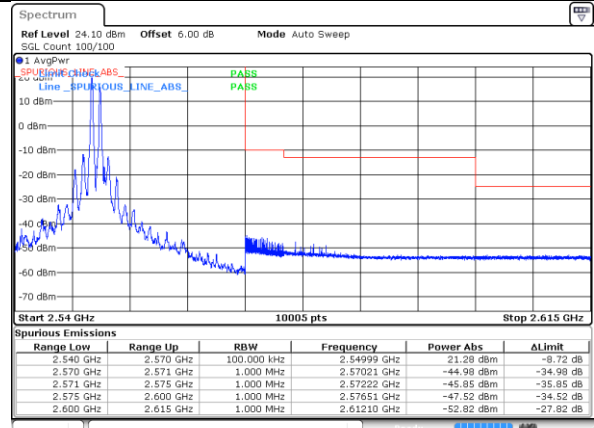
Date: 10 MAY 2021 13:52:54

Lowest Band Edge / 1RB49 and 1RB0



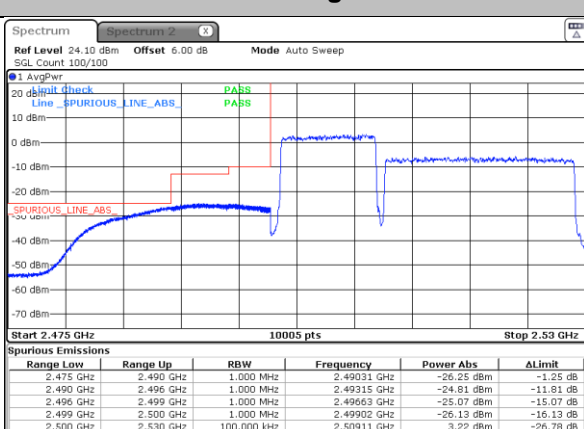
Date: 10 MAY 2021 12:38:25

Highest Band Edge / 1RB49 and 1RB0



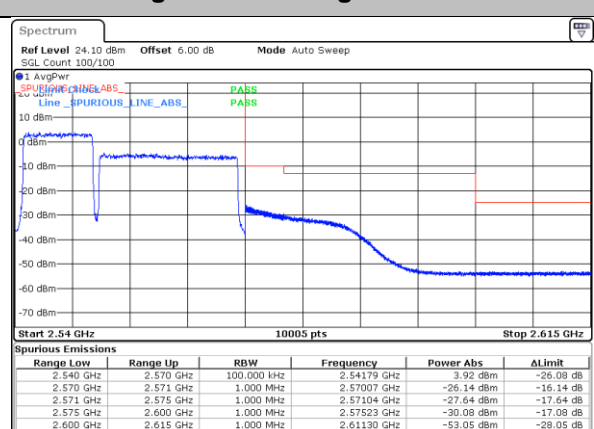
Date: 10 MAY 2021 13:55:16

Lowest Band Edge / Full RB



Date: 11 MAY 2021 17:13:25

Highest Band Edge / Full RB



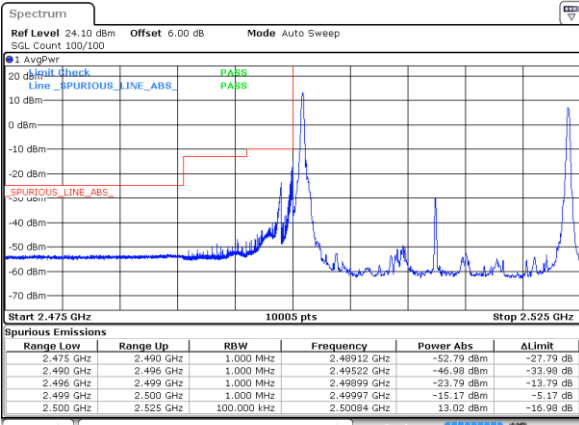
Date: 10 MAY 2021 13:52:27



LTE Band 7 / 15MHz+10MHz

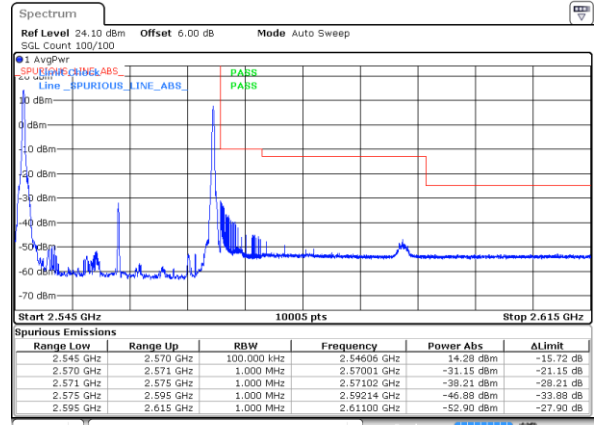
QPSK

Lowest Band Edge / 1RB0 and 1RB49



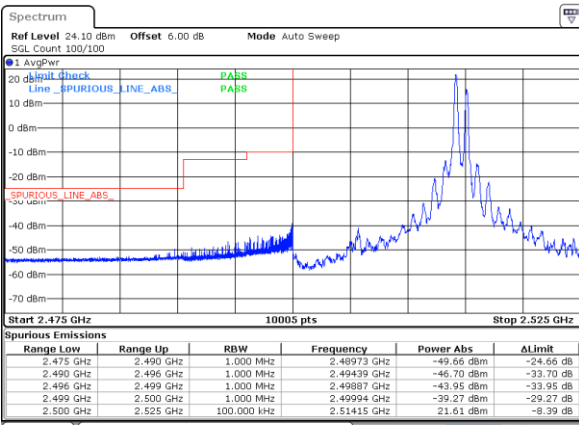
Date: 10 MAY 2021 14:59:14

Highest Band Edge / 1RB0 and 1RB49



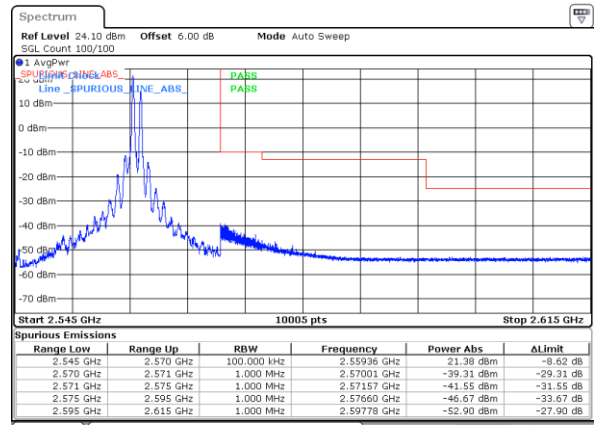
Date: 10 MAY 2021 16:50:35

Lowest Band Edge / 1RB74 and 1RB0



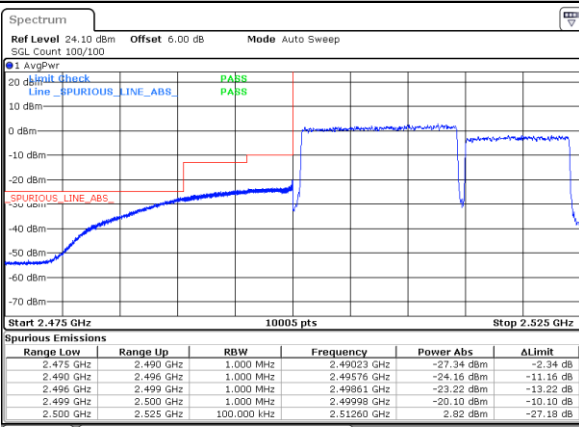
Date: 10 MAY 2021 15:01:44

Highest Band Edge / 1RB74 and 1RB0



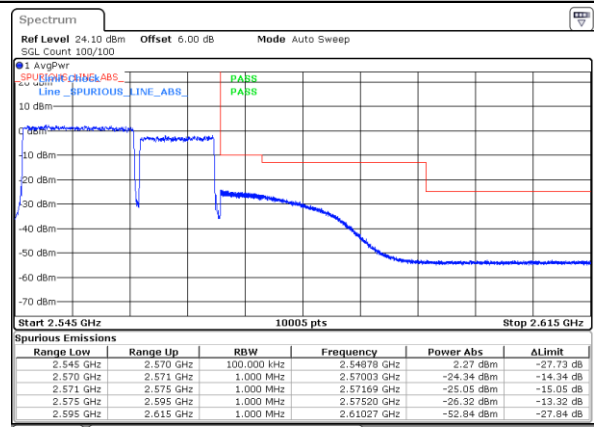
Date: 10 MAY 2021 16:51:57

Lowest Band Edge / Full RB



Date: 10 MAY 2021 14:58:39

Highest Band Edge / Full RB



Date: 10 MAY 2021 16:49:35

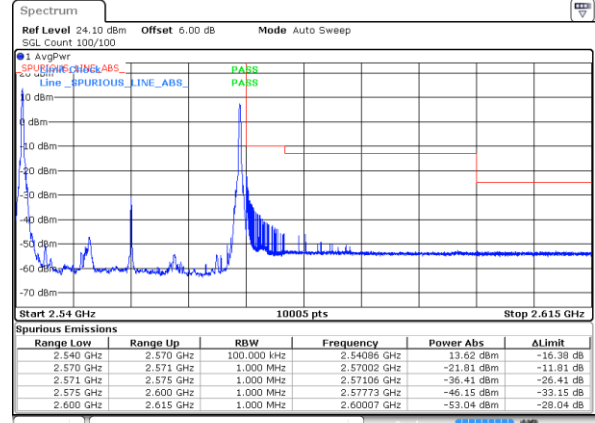
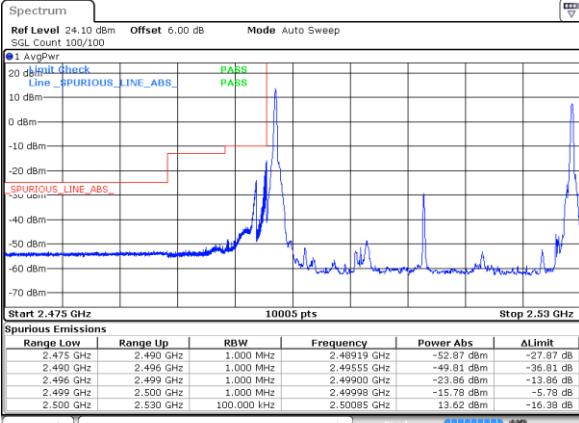


LTE Band 7 / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

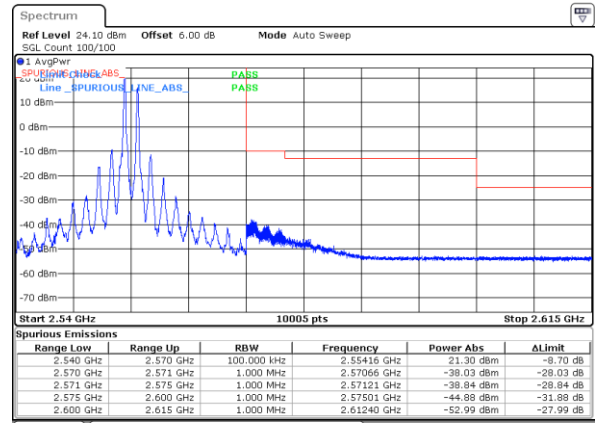
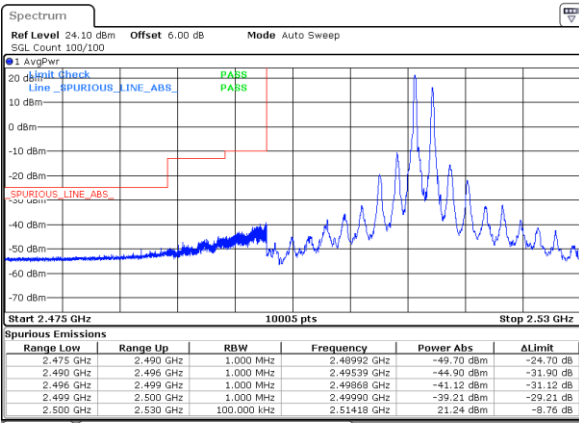


Date: 10 MAY 2021 14:22:21

Date: 10 MAY 2021 15:26:07

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

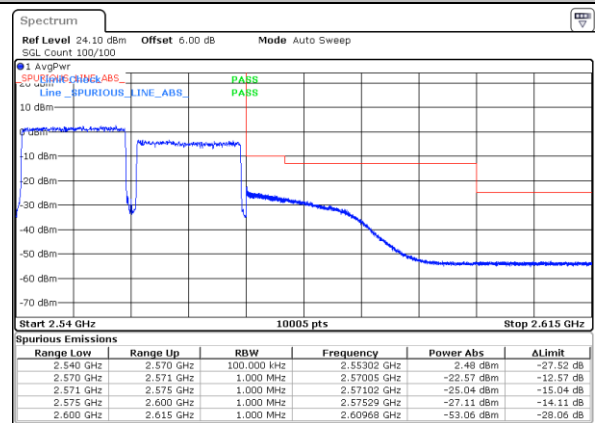
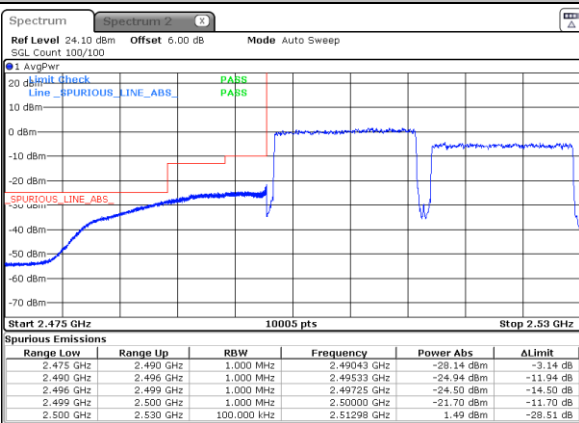


Date: 10 MAY 2021 14:25:29

Date: 10 MAY 2021 15:31:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 MAY 2021 17:16:37

Date: 10 MAY 2021 15:25:22

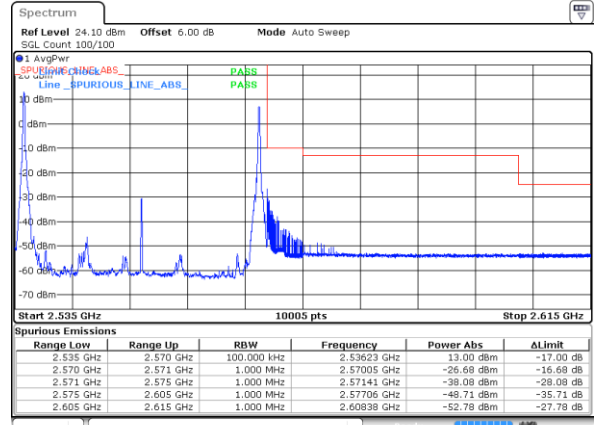
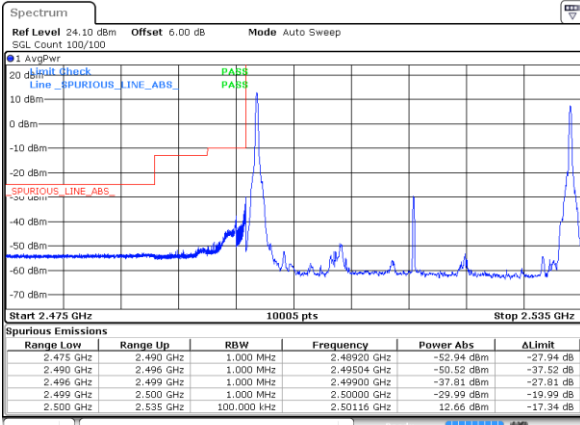


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

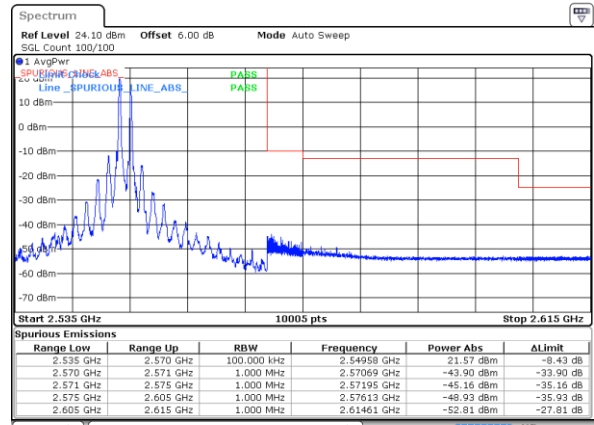
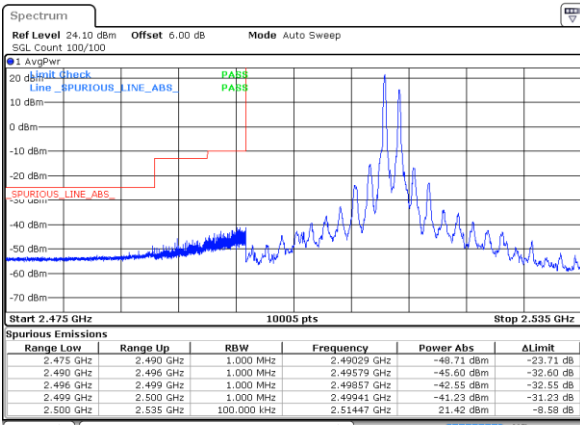


Date: 10 MAY 2021 14:30:23

Date: 10 MAY 2021 15:37:04

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

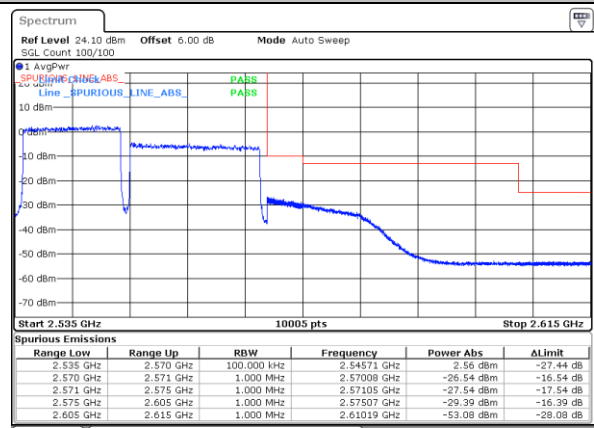
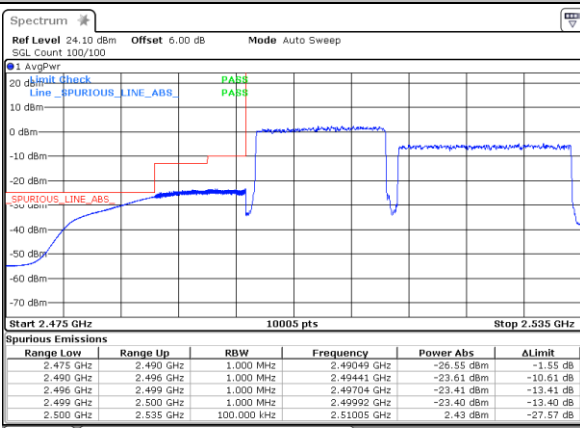


Date: 10 MAY 2021 14:30:48

Date: 10 MAY 2021 15:37:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 MAY 2021 14:27:49

Date: 10 MAY 2021 15:33:59

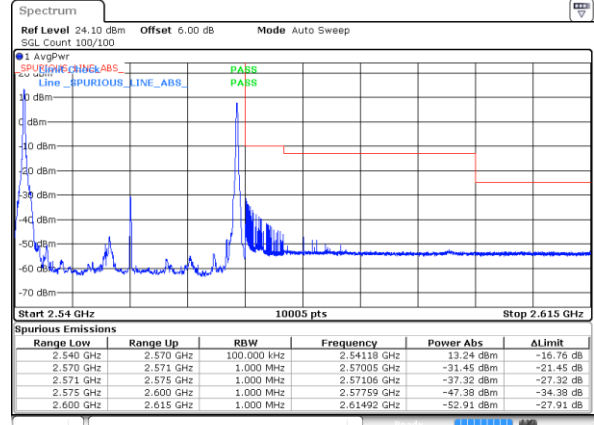
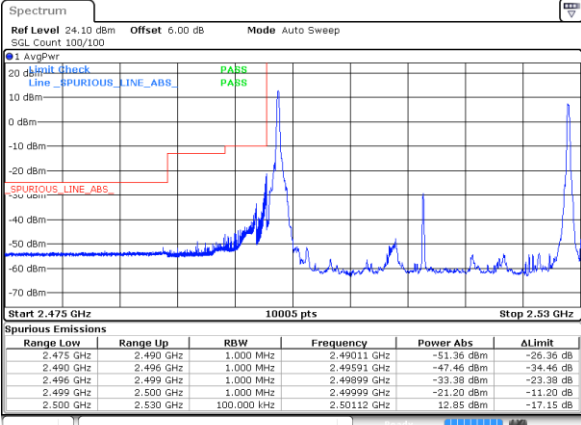


LTE Band 7 / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

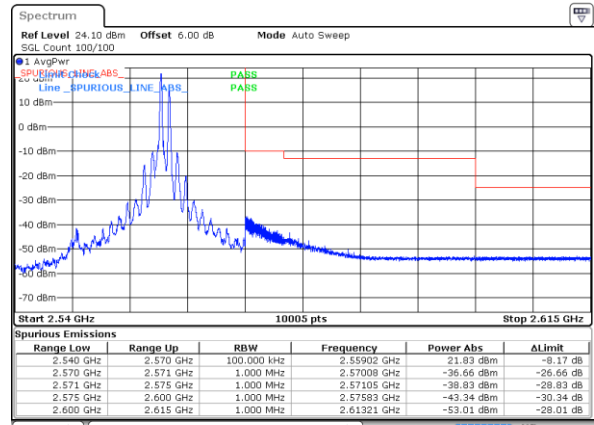
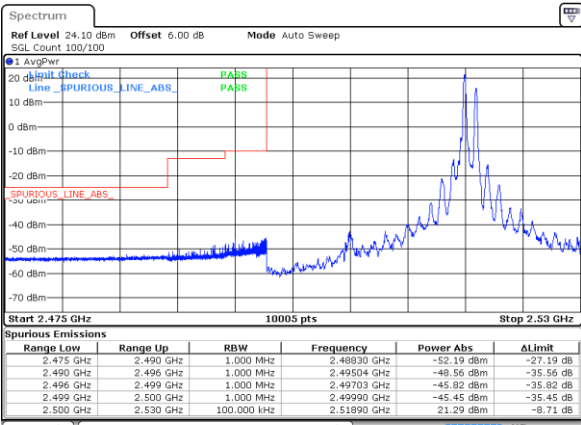


Date: 10 MAY 2021 14:08:18

Date: 10 MAY 2021 15:14:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

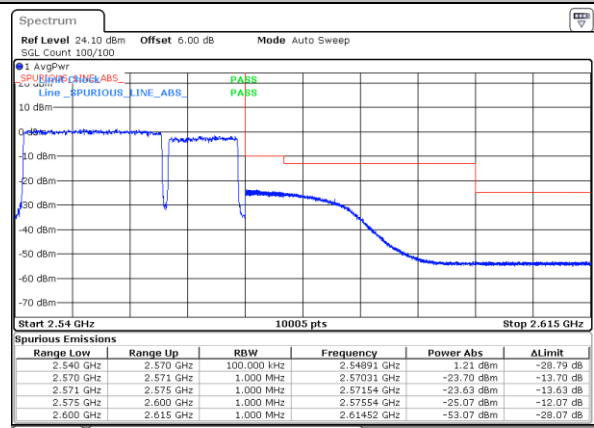
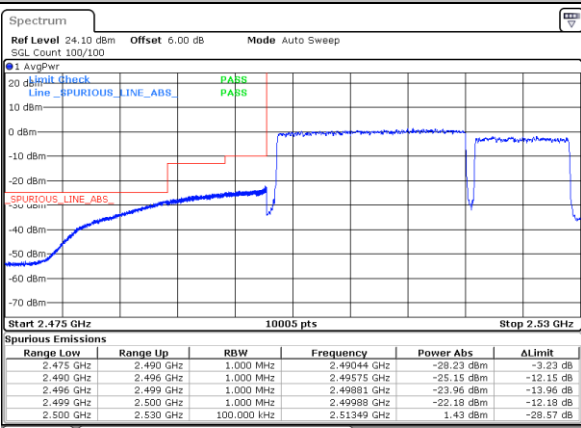


Date: 10 MAY 2021 14:09:29

Date: 10 MAY 2021 15:14:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 MAY 2021 14:04:20

Date: 10 MAY 2021 15:11:30

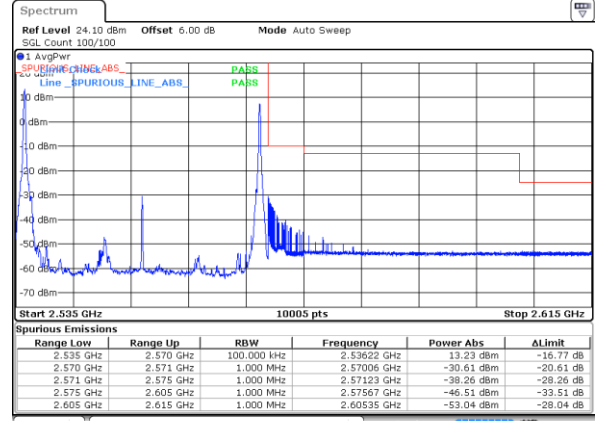
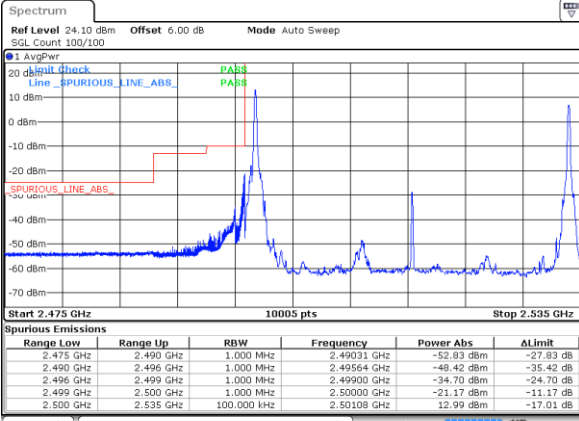


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

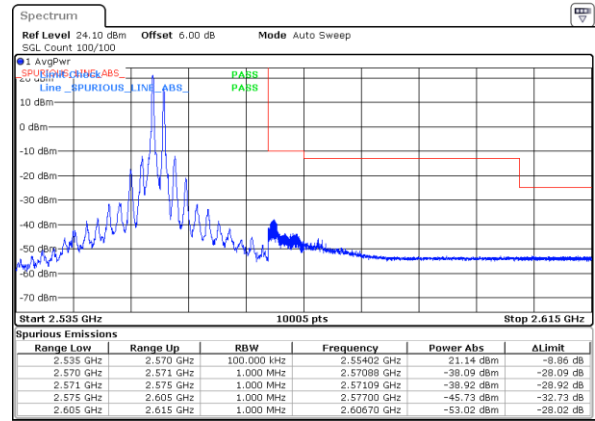
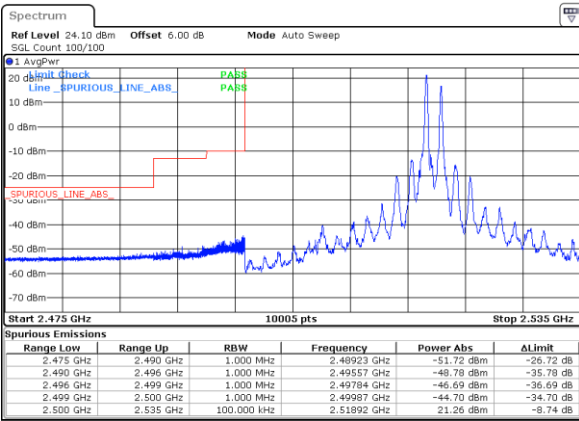


Date: 10 MAY 2021 14:48:40

Date: 10 MAY 2021 15:41:48

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

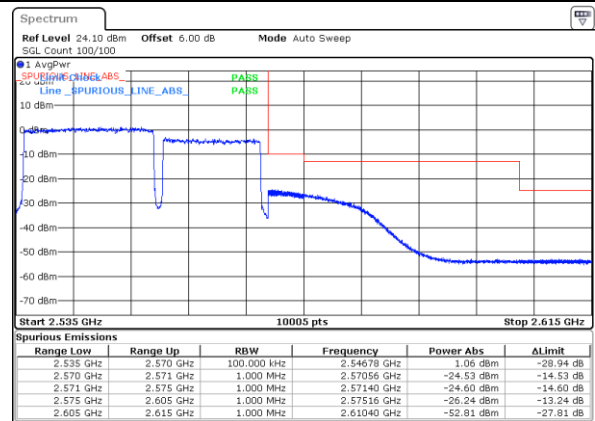
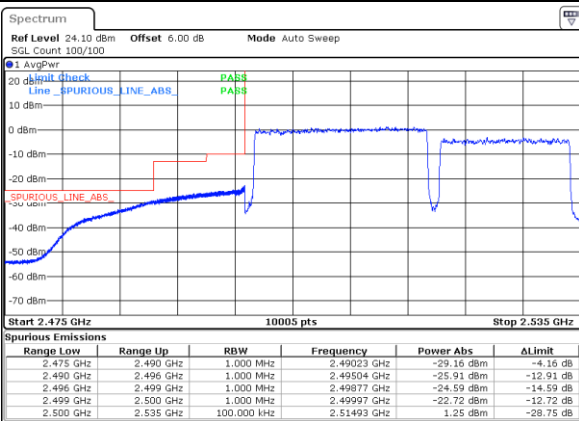


Date: 10 MAY 2021 14:51:05

Date: 10 MAY 2021 15:43:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 MAY 2021 14:35:21

Date: 10 MAY 2021 15:41:06

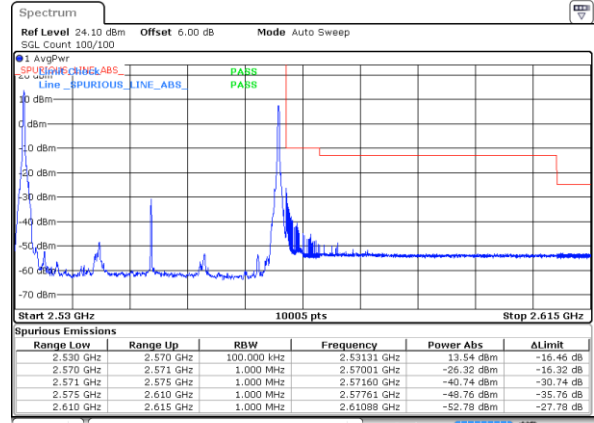
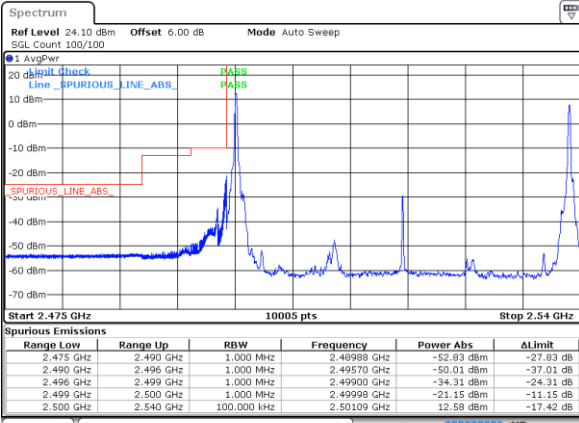


LTE Band 7 / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

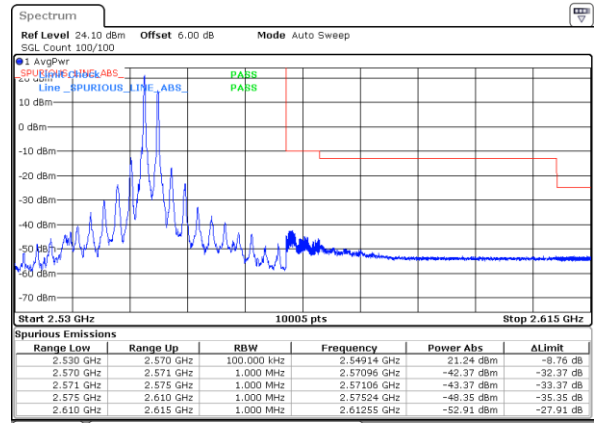
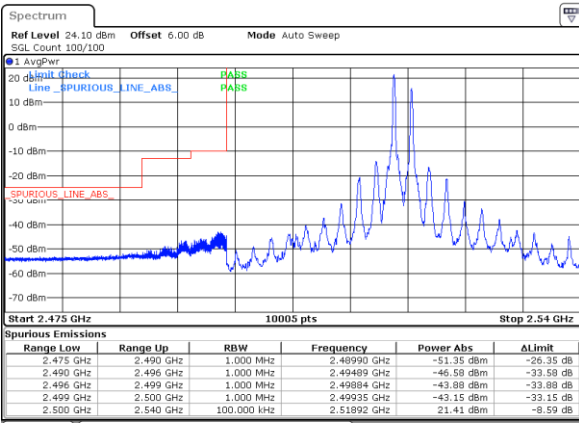


Date: 10 MAY 2021 14:54:25

Date: 10 MAY 2021 16:39:52

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

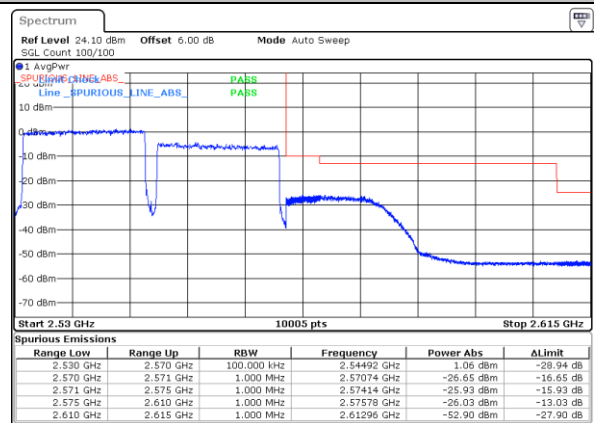
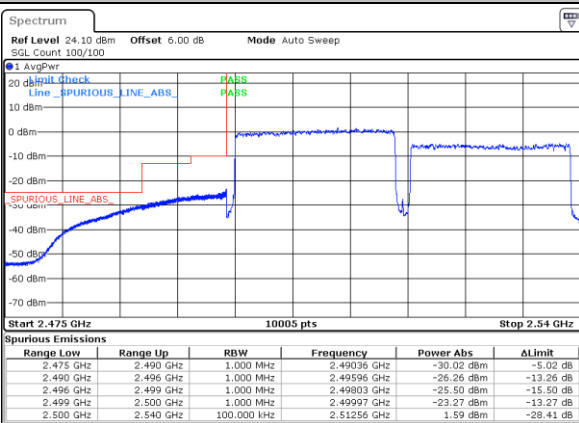


Date: 10 MAY 2021 14:54:49

Date: 10 MAY 2021 16:45:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 MAY 2021 14:52:15

Date: 10 MAY 2021 16:31:37

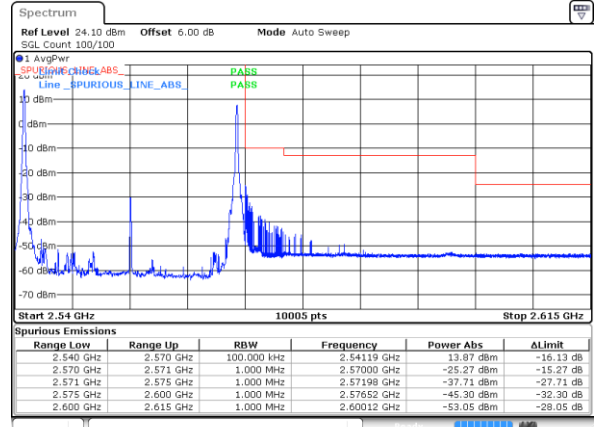
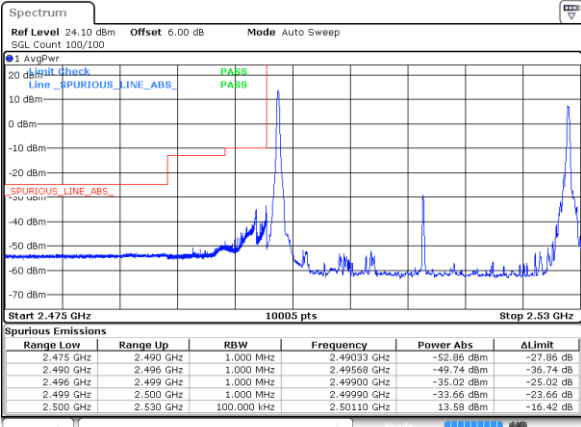


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

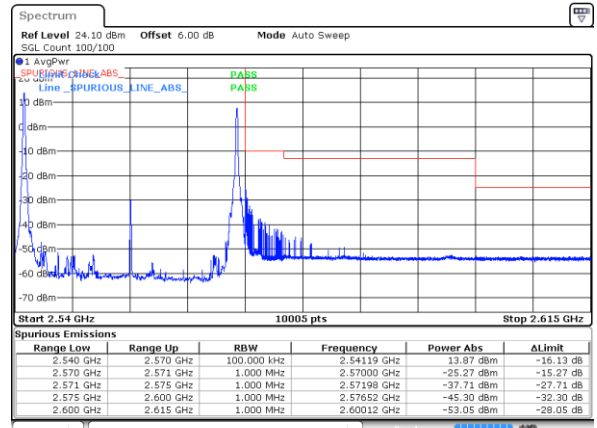
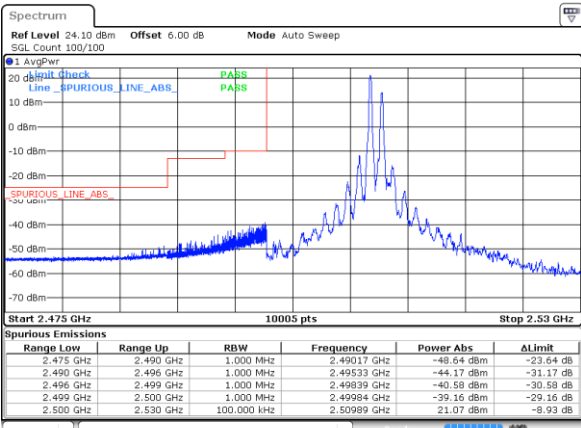


Date: 10 MAY 2021 12:37:31

Date: 10 MAY 2021 13:53:27

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

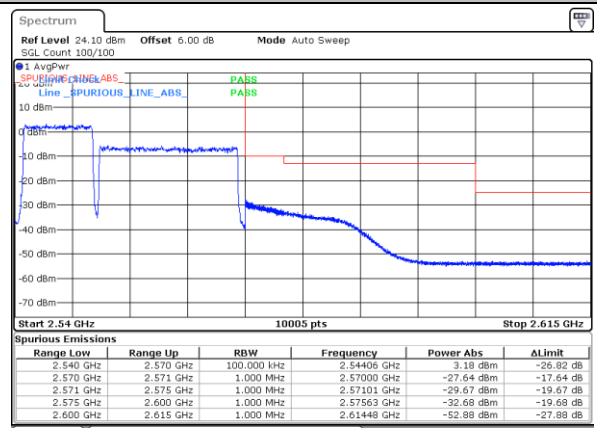
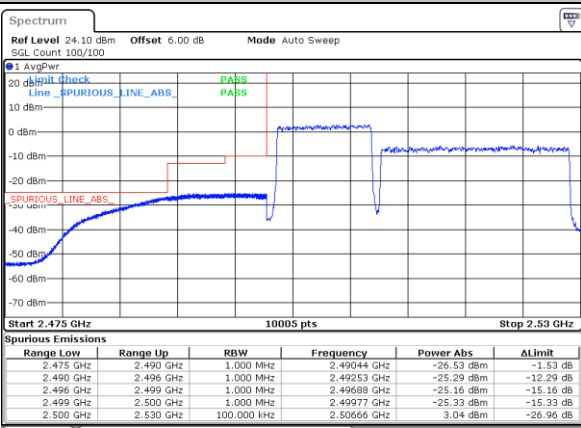


Date: 10 MAY 2021 12:39:05

Date: 10 MAY 2021 13:53:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10 MAY 2021 12:36:01

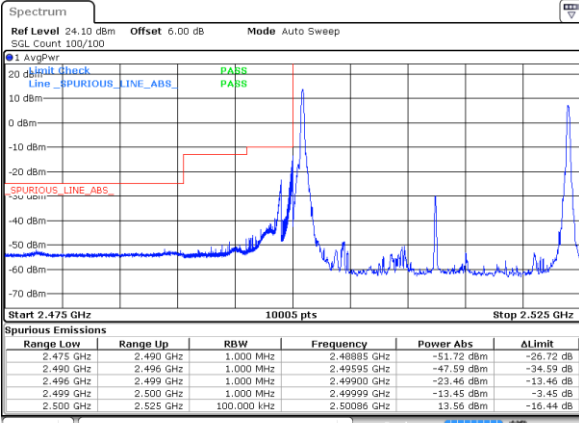
Date: 10 MAY 2021 13:52:07



LTE Band 7 / 15MHz+10MHz

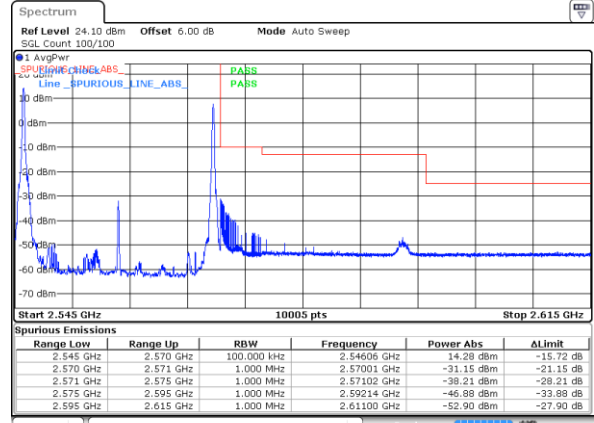
16QAM

Lowest Band Edge / 1RB0 and 1RB49



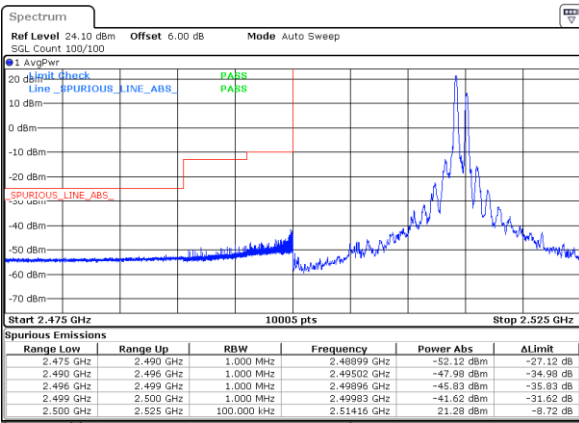
Date: 10 MAY 2021 14:59:36

Highest Band Edge / 1RB0 and 1RB49



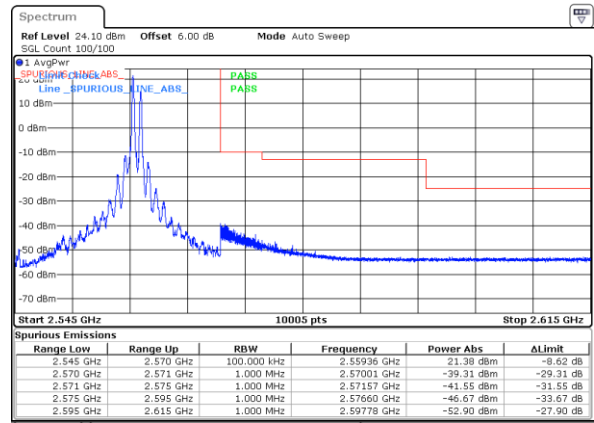
Date: 10 MAY 2021 16:50:35

Lowest Band Edge / 1RB74 and 1RB0



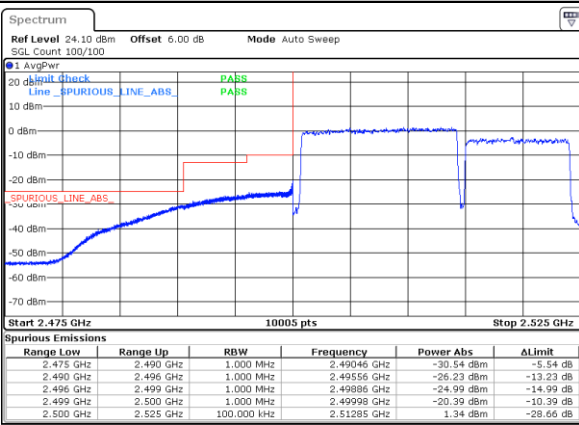
Date: 10 MAY 2021 15:01:13

Highest Band Edge / 1RB74 and 1RB0



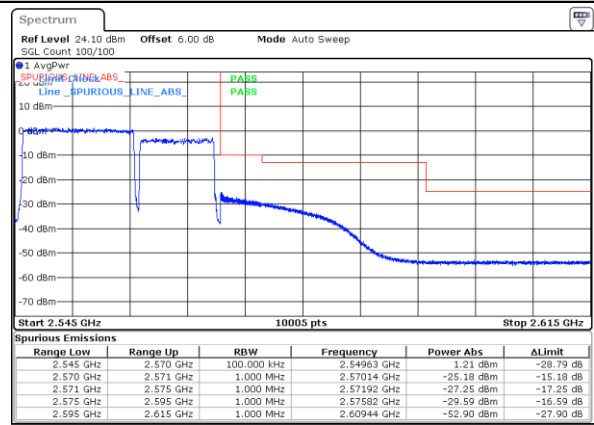
Date: 10 MAY 2021 16:51:57

Lowest Band Edge / Full RB



Date: 10 MAY 2021 14:58:12

Highest Band Edge / Full RB



Date: 10 MAY 2021 16:48:56

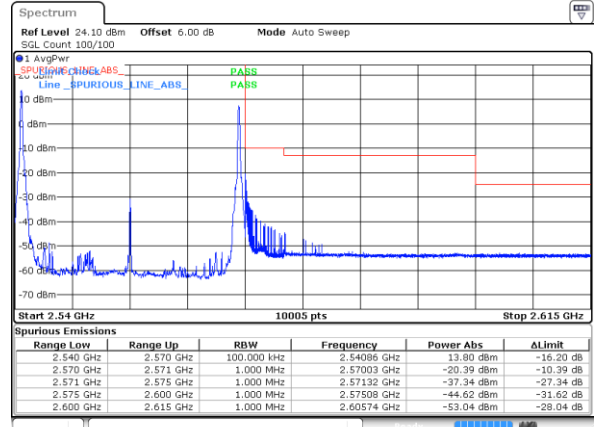
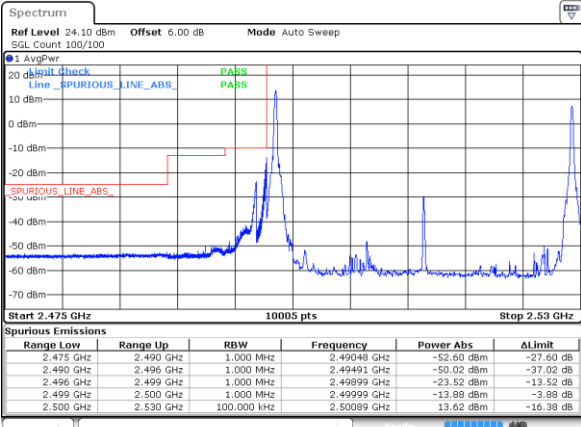


LTE Band 7 / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

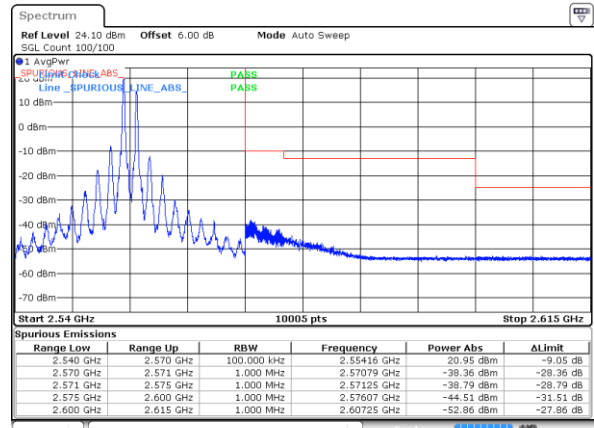
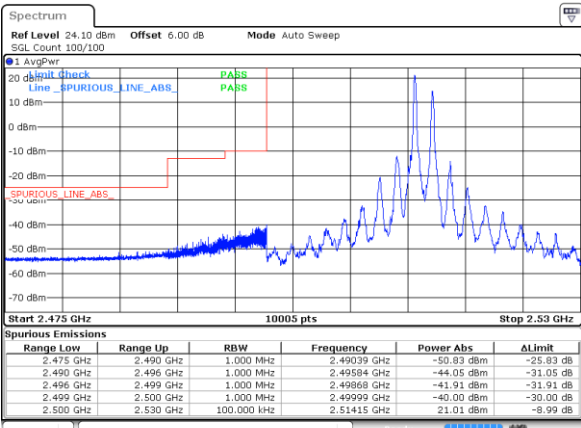


Date: 10 MAY 2021 14:22:58

Date: 10 MAY 2021 15:26:32

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

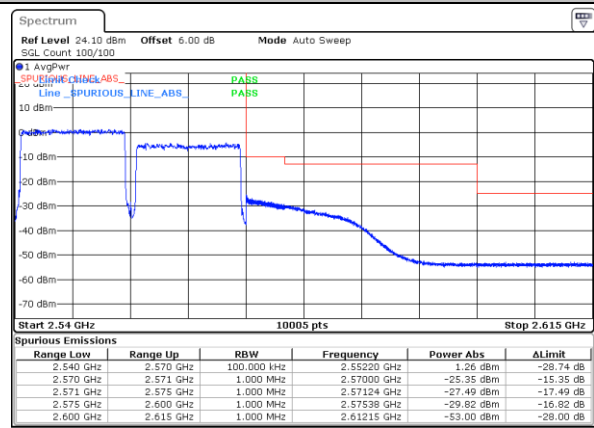
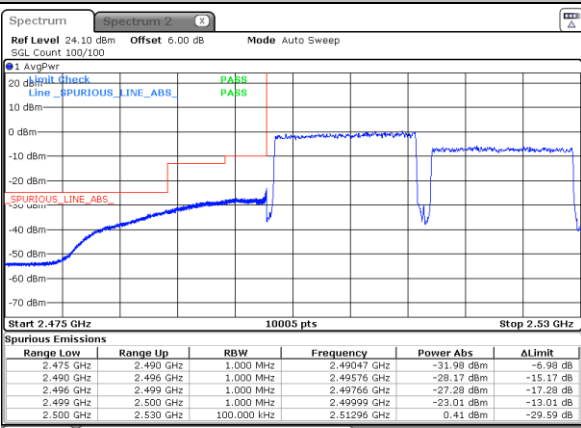


Date: 10 MAY 2021 14:25:01

Date: 10 MAY 2021 15:31:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 MAY 2021 17:15:40

Date: 10 MAY 2021 15:24:51