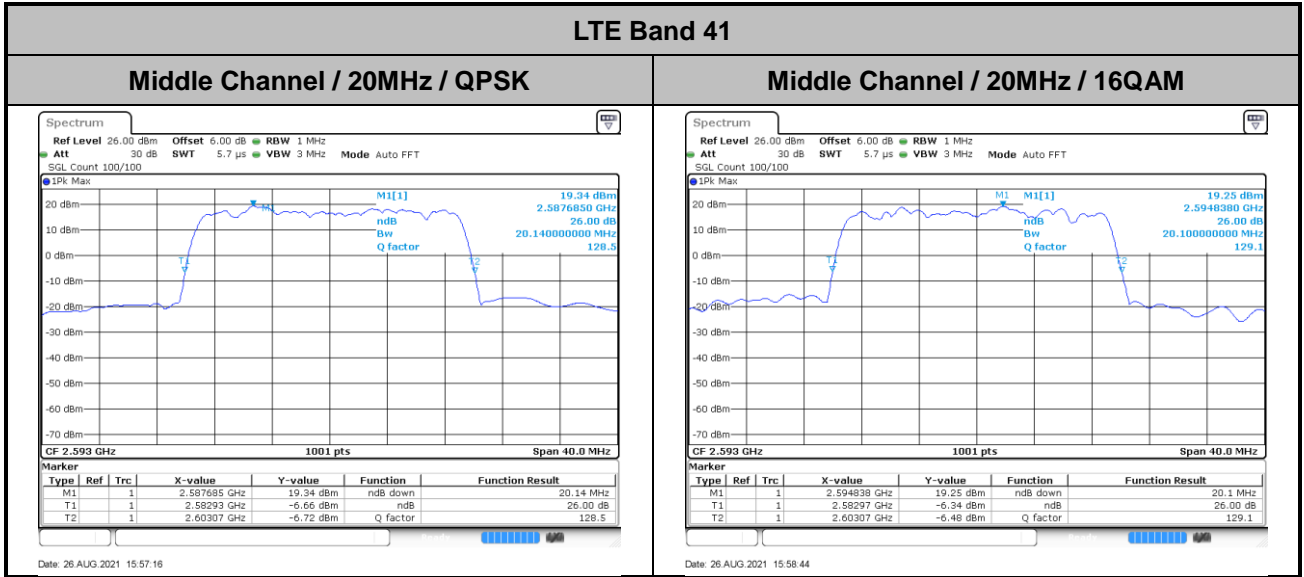




26dB Bandwidth

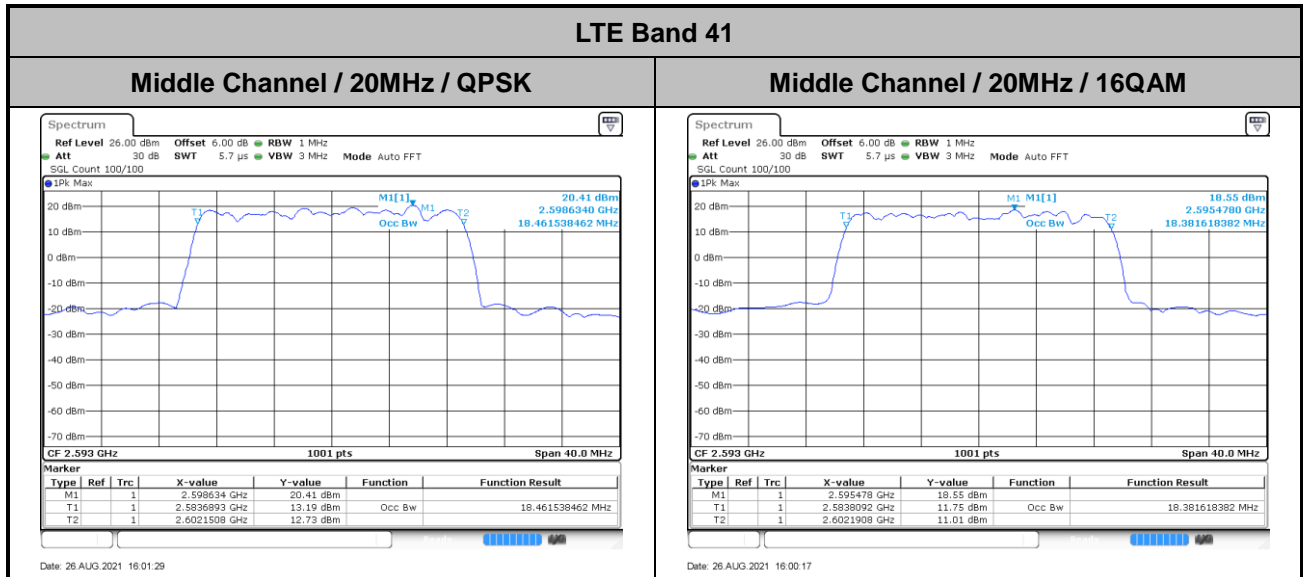
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	20.10





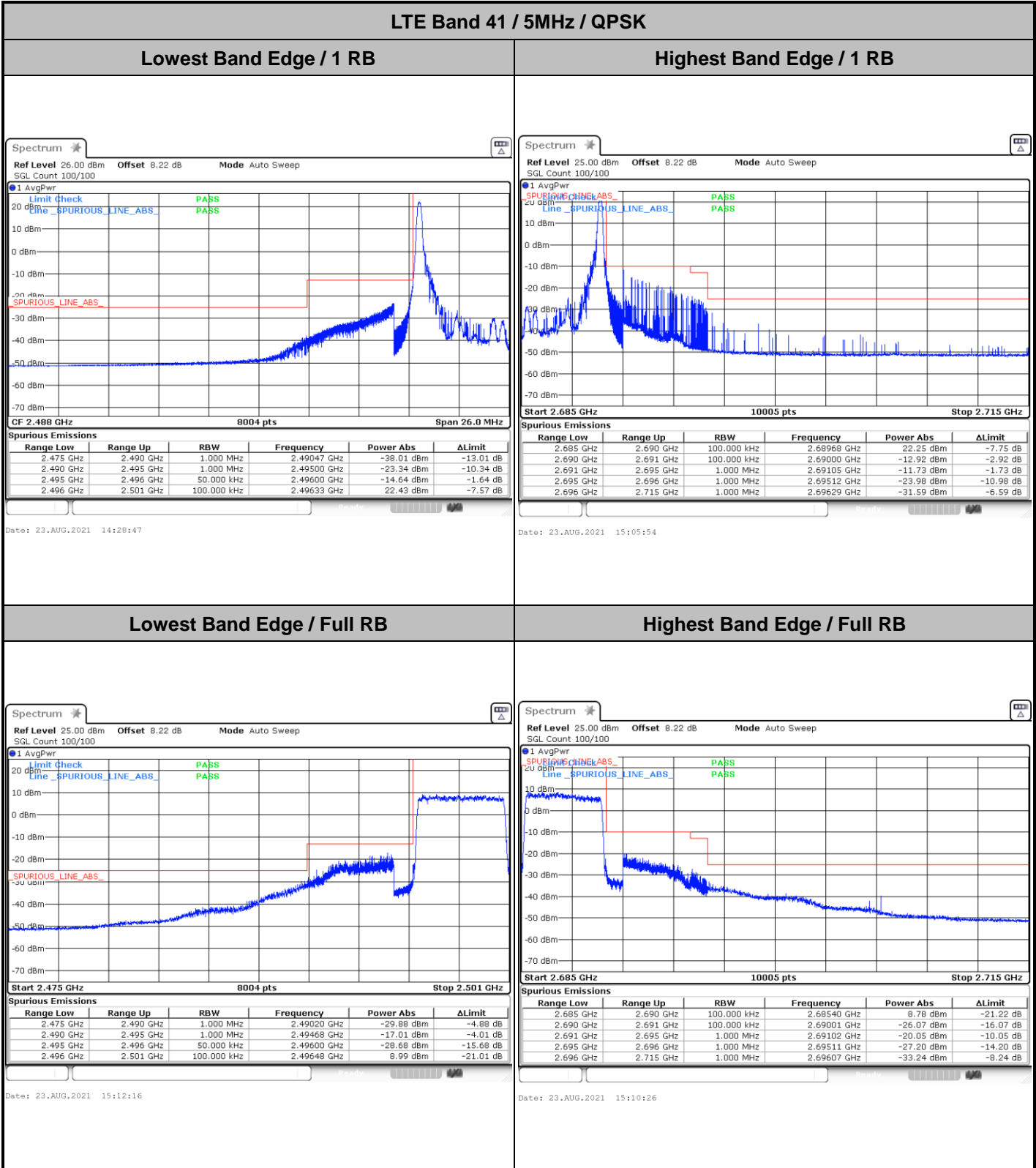
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.46	18.38





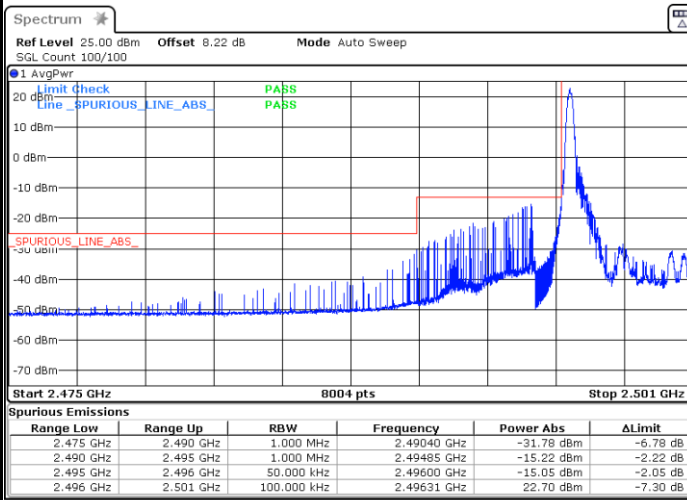
Conducted Band Edge





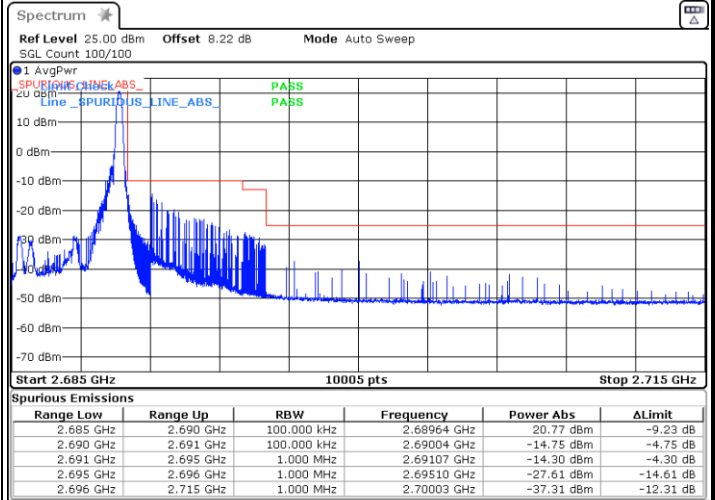
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



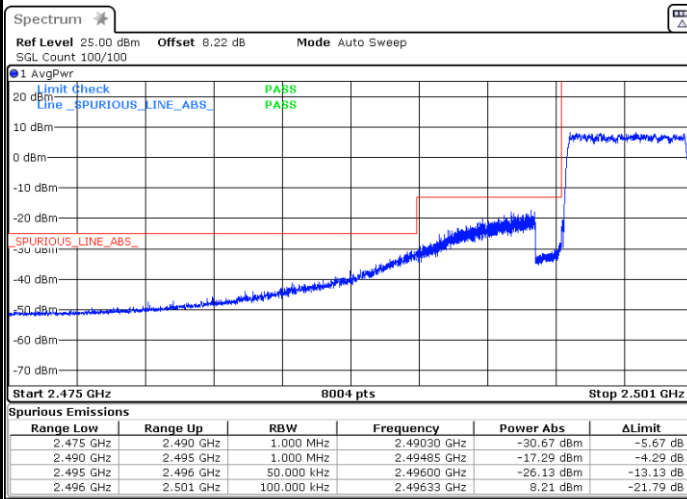
Date: 23.AUG.2021 14:35:33

Highest Band Edge / 1 RB



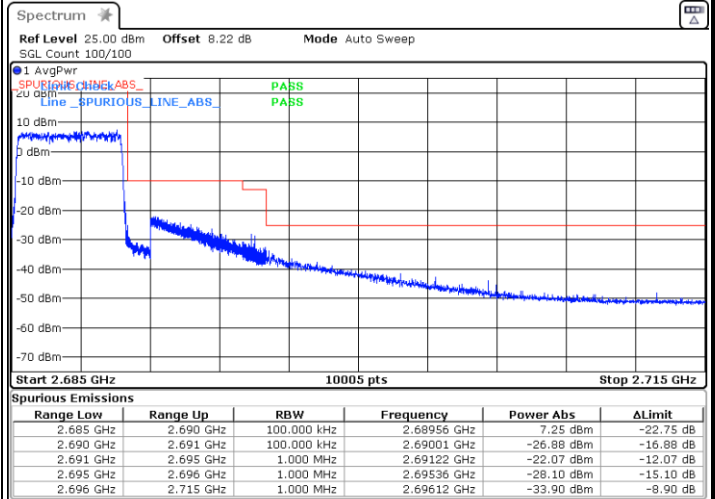
Date: 23.AUG.2021 15:06:30

Lowest Band Edge / Full RB



Date: 23.AUG.2021 14:39:04

Highest Band Edge / Full RB

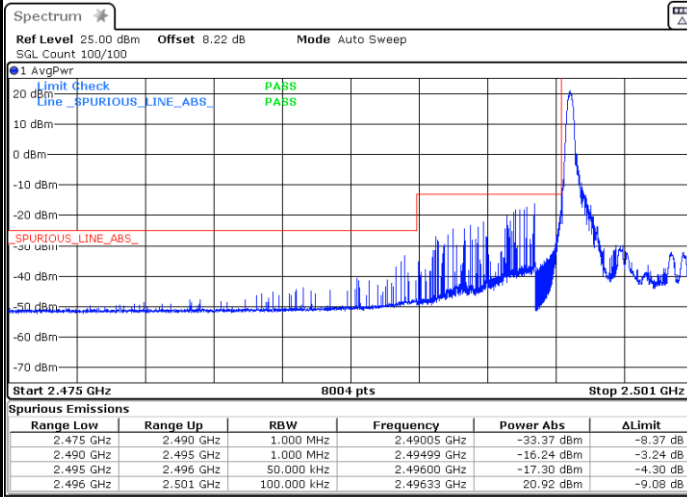


Date: 23.AUG.2021 15:09:55



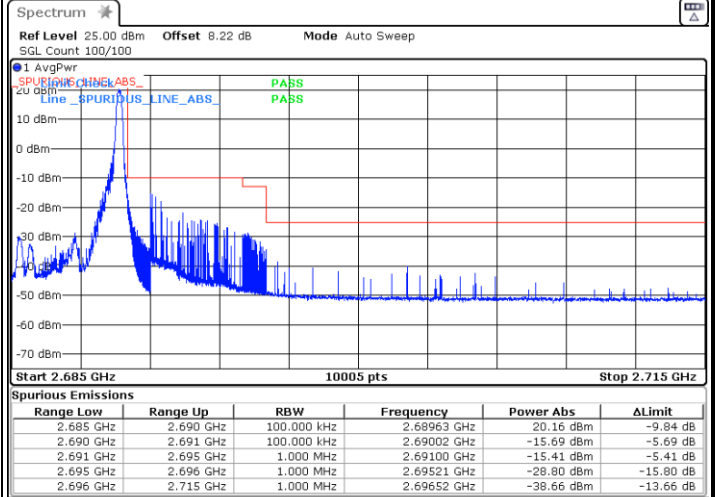
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



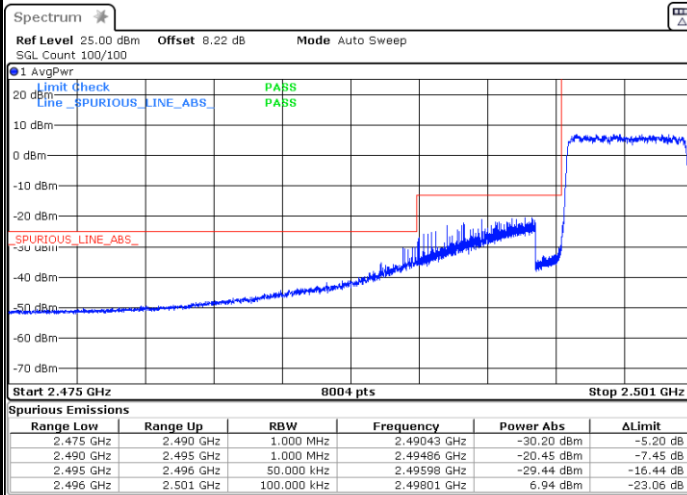
Date: 23.AUG.2021 14:36:40

Highest Band Edge / 1 RB



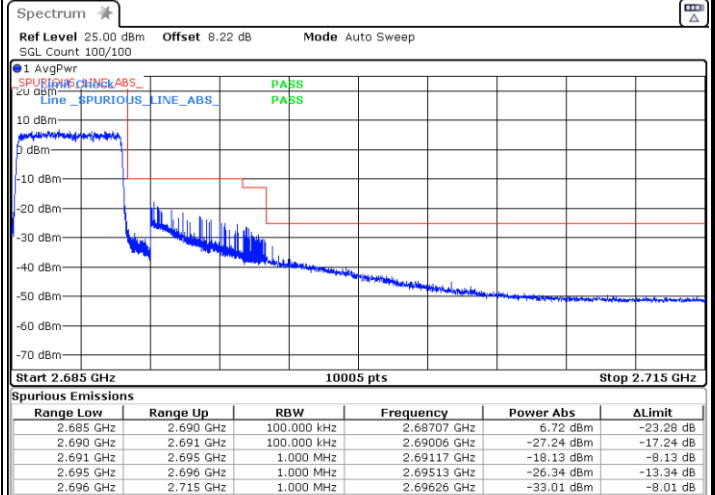
Date: 23.AUG.2021 15:08:45

Lowest Band Edge / Full RB



Date: 23.AUG.2021 14:37:54

Highest Band Edge / Full RB

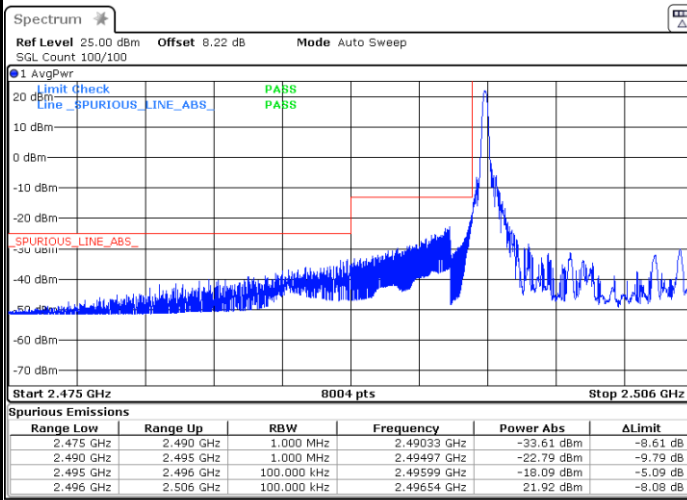


Date: 23.AUG.2021 15:09:23



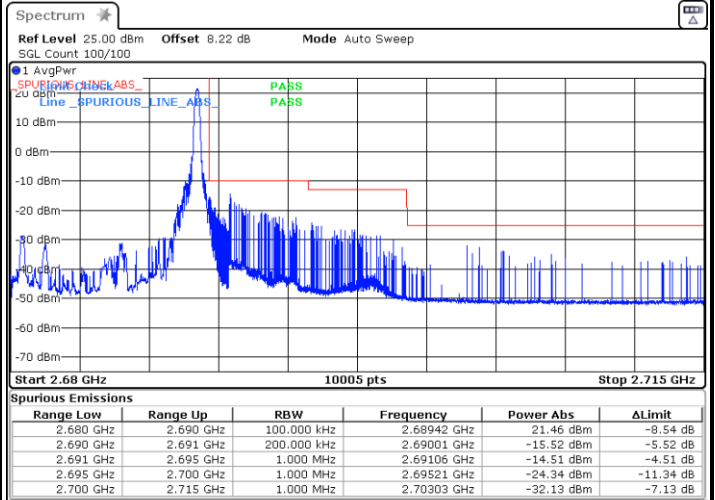
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



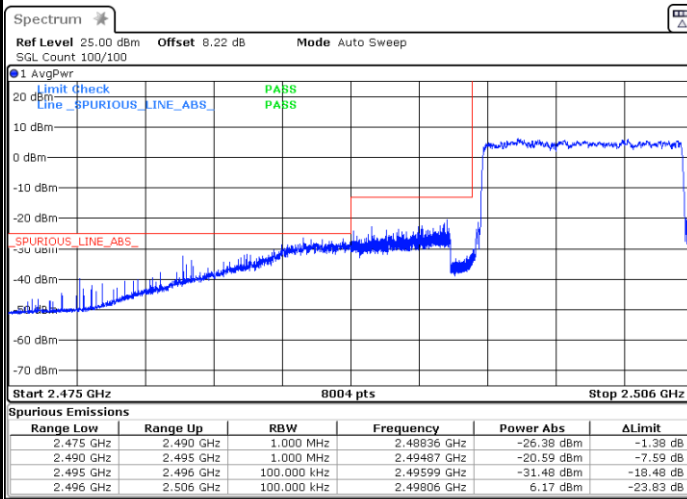
Date: 23.AUG.2021 15:18:24

Highest Band Edge / 1 RB



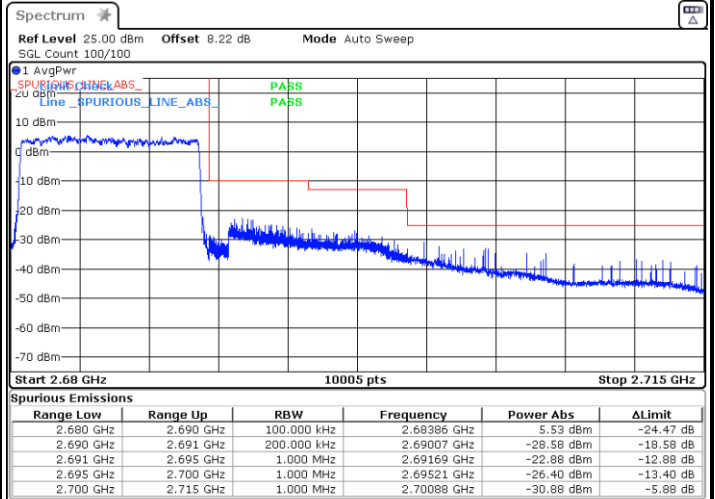
Date: 23.AUG.2021 15:28:19

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:24:08

Highest Band Edge / Full RB

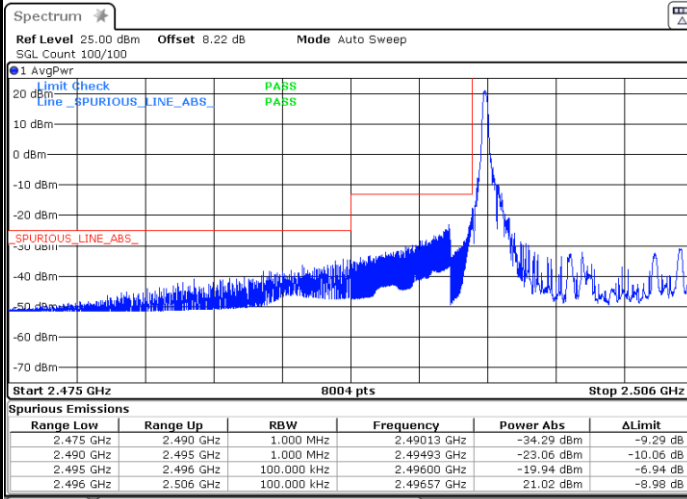


Date: 23.AUG.2021 15:32:46



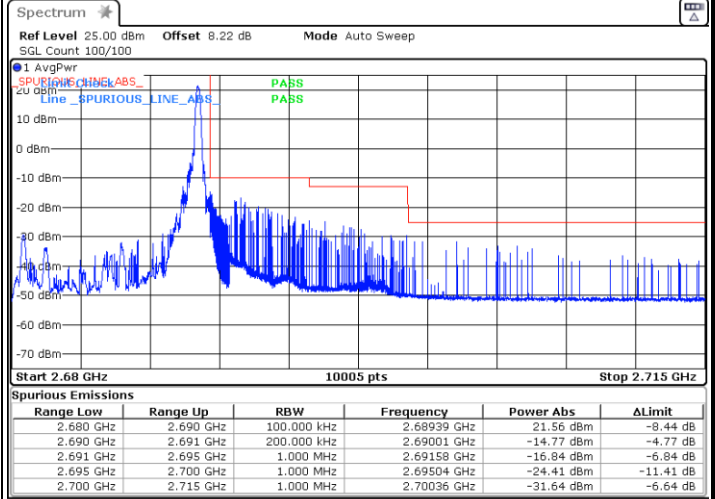
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



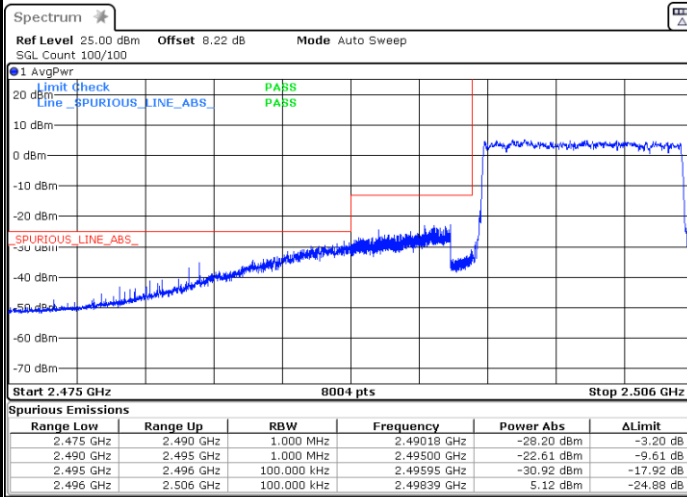
Date: 23.AUG.2021 15:20:11

Highest Band Edge / 1 RB



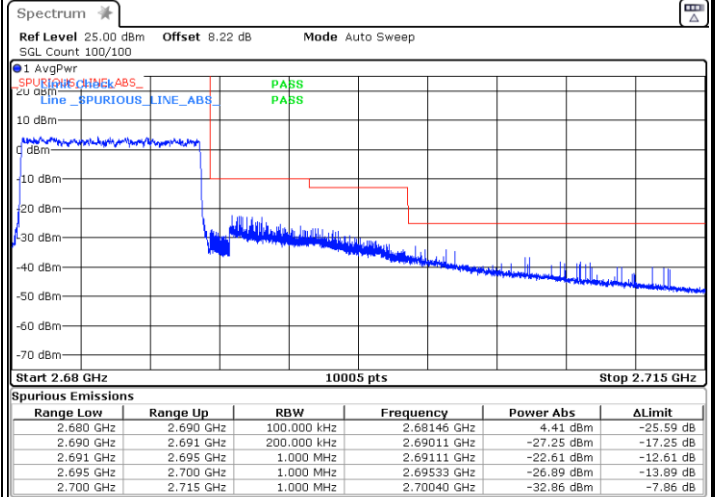
Date: 23.AUG.2021 15:29:12

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:23:24

Highest Band Edge / Full RB

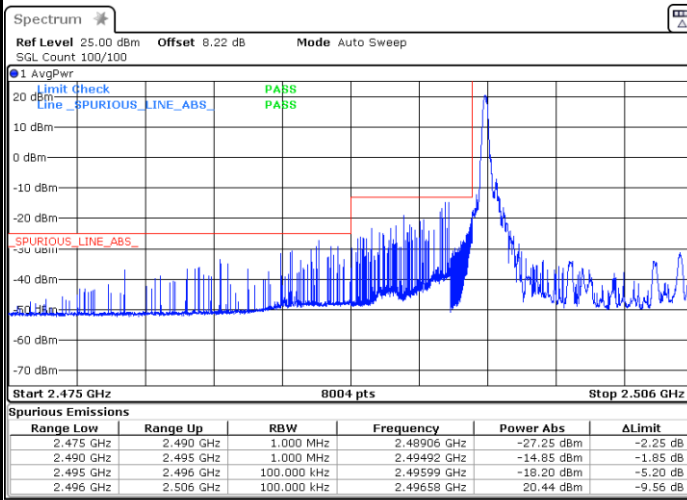


Date: 23.AUG.2021 15:31:59



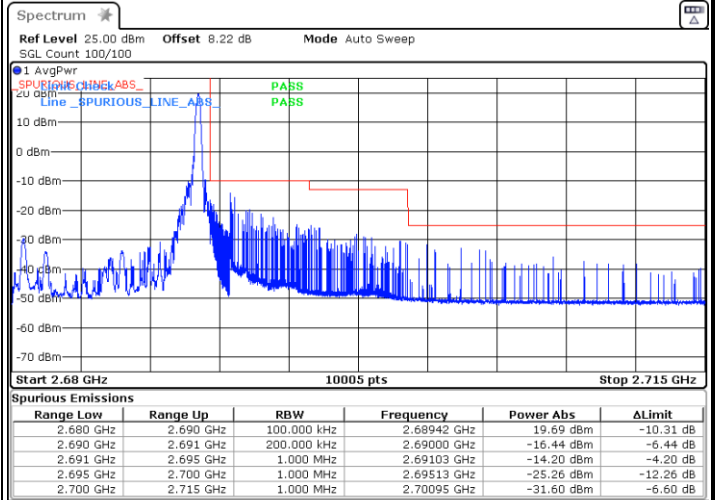
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



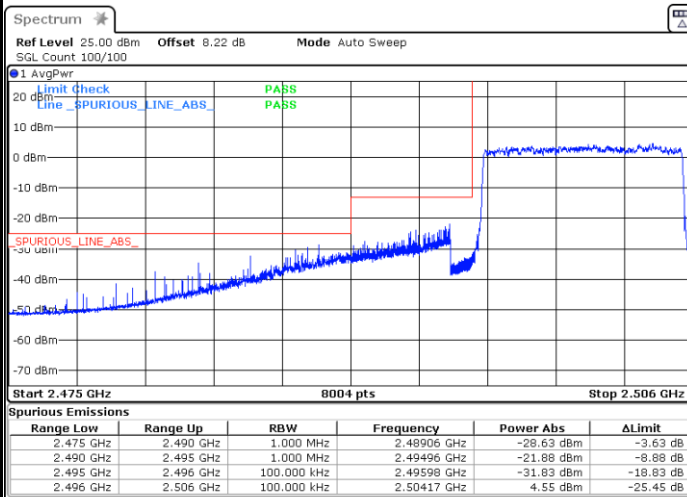
Date: 23.AUG.2021 15:20:51

Highest Band Edge / 1 RB



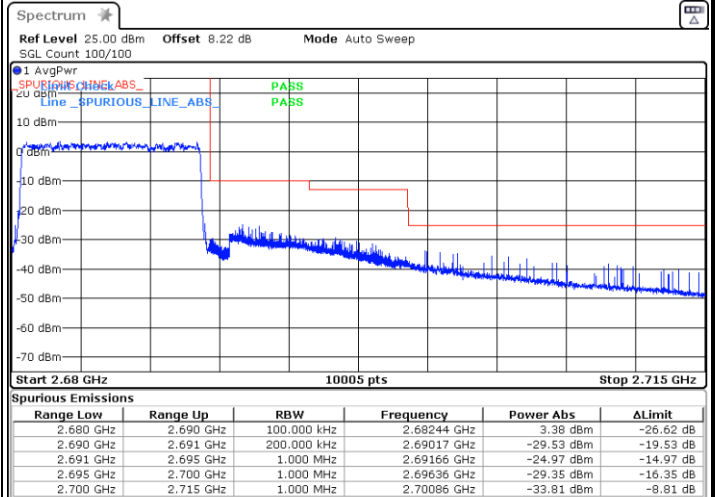
Date: 23.AUG.2021 15:30:16

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:22:24

Highest Band Edge / Full RB

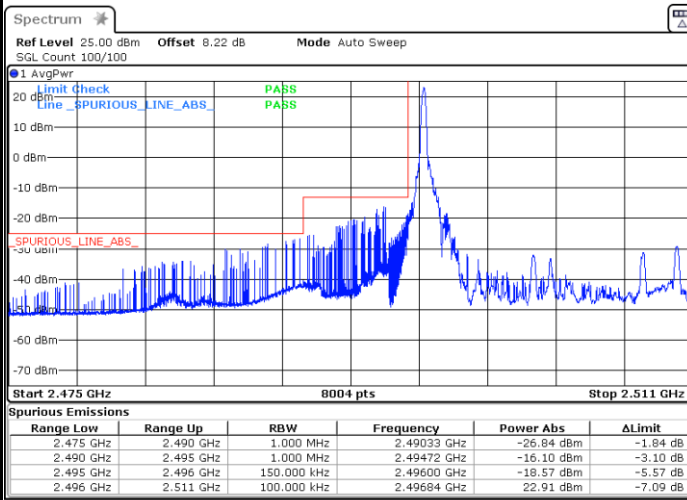


Date: 23.AUG.2021 15:31:12



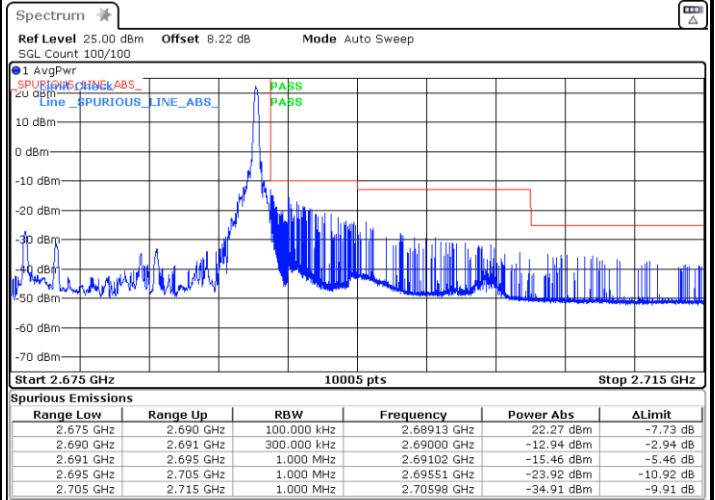
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



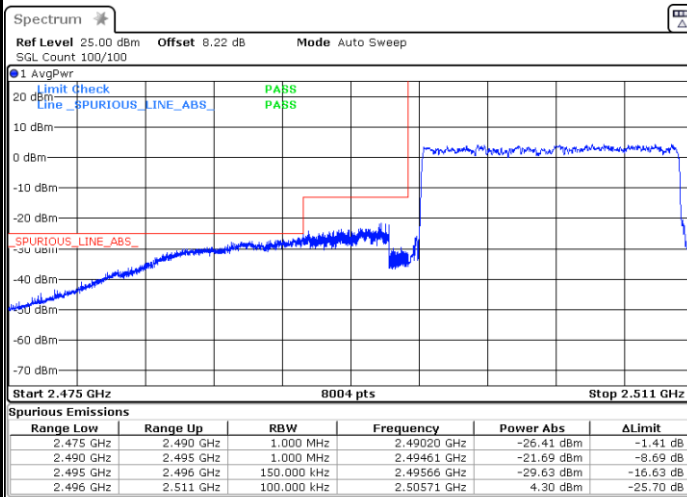
Date: 23.AUG.2021 15:51:52

Highest Band Edge / 1 RB



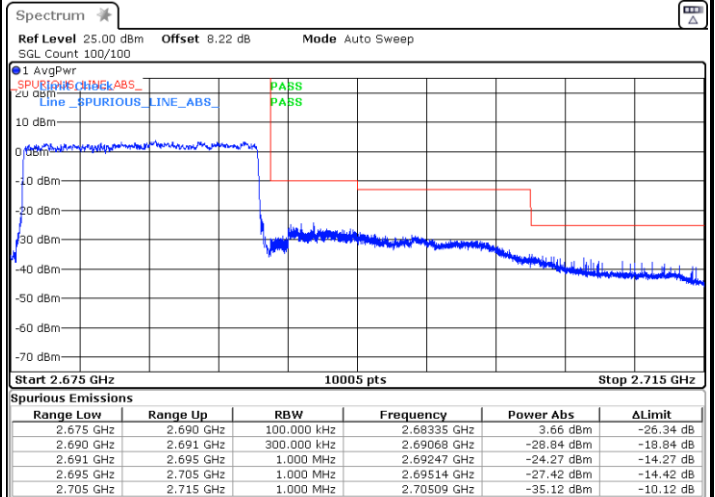
Date: 23.AUG.2021 16:01:42

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:55:24

Highest Band Edge / Full RB

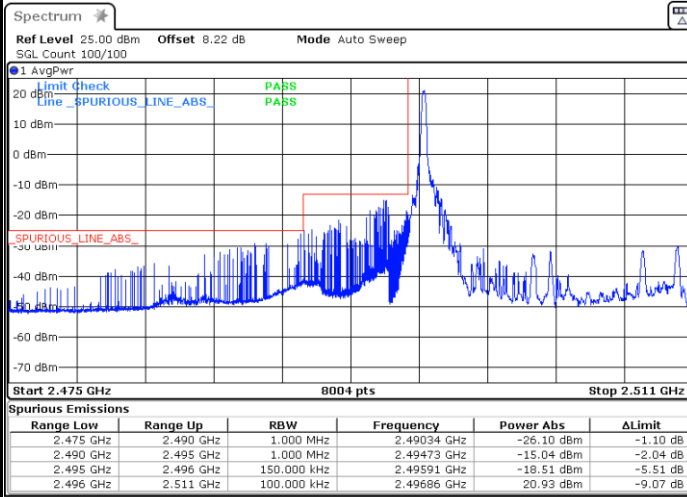


Date: 23.AUG.2021 16:04:28



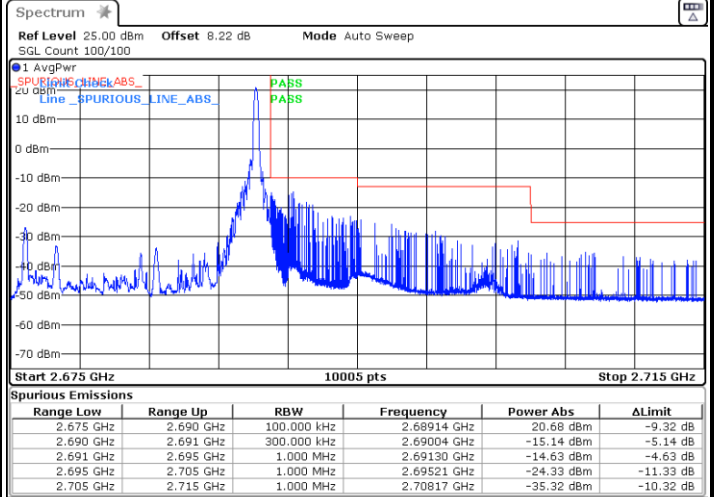
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



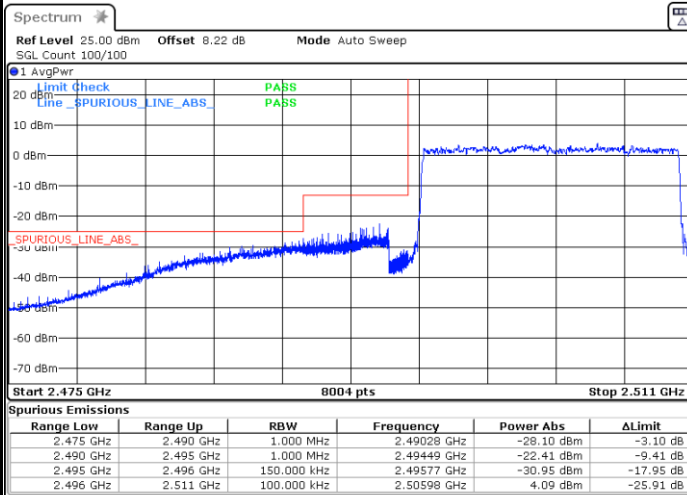
Date: 23.AUG.2021 15:52:48

Highest Band Edge / 1 RB



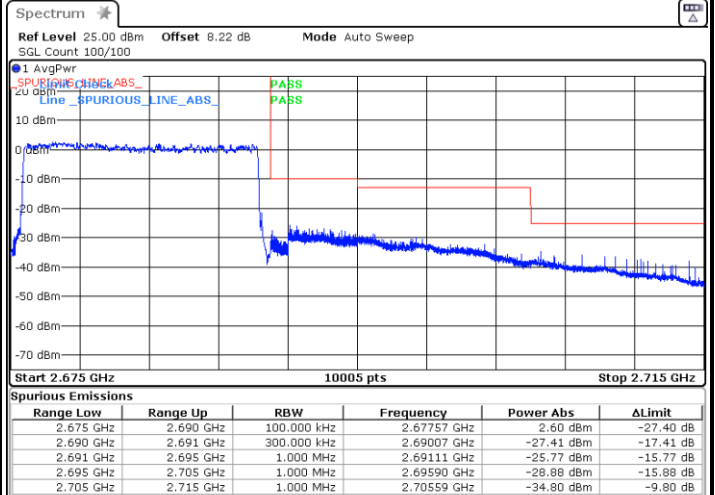
Date: 23.AUG.2021 16:02:27

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:54:35

Highest Band Edge / Full RB

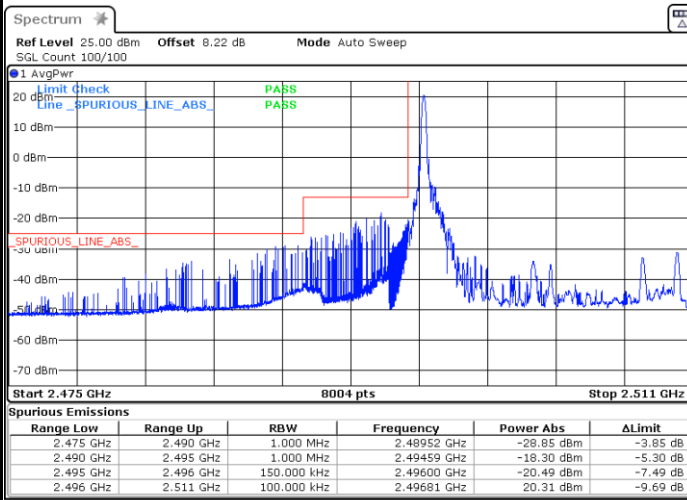


Date: 23.AUG.2021 16:04:00



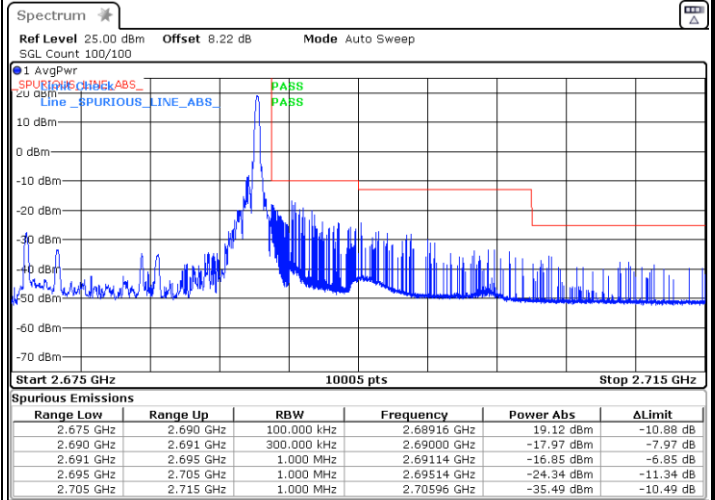
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



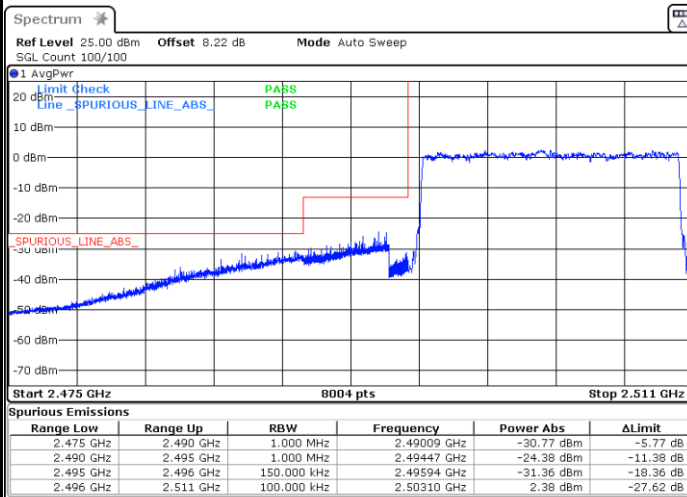
Date: 23.AUG.2021 15:53:25

Highest Band Edge / 1 RB



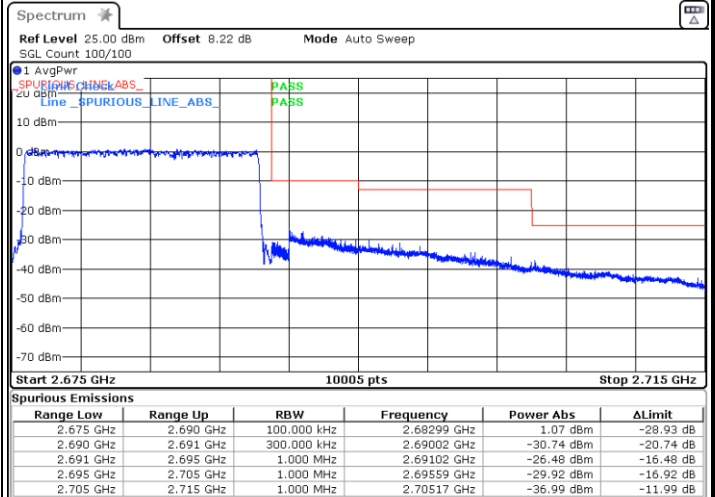
Date: 23.AUG.2021 16:02:57

Lowest Band Edge / Full RB



Date: 23.AUG.2021 15:54:00

Highest Band Edge / Full RB

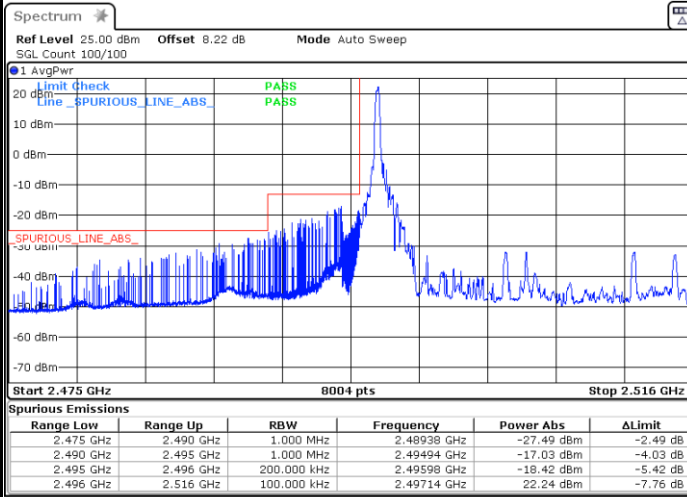


Date: 23.AUG.2021 16:03:29



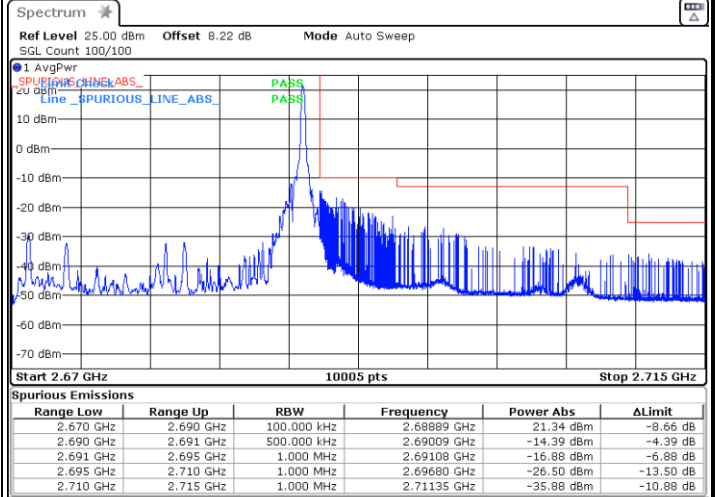
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



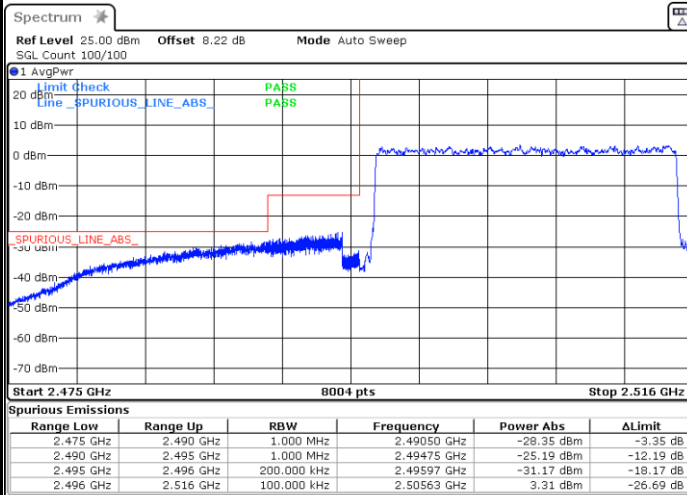
Date: 23.AUG.2021 16:06:53

Highest Band Edge / 1 RB



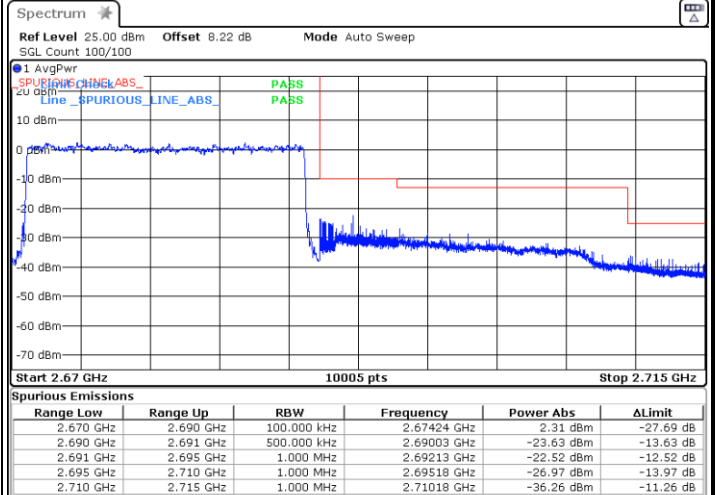
Date: 23.AUG.2021 16:31:47

Lowest Band Edge / Full RB



Date: 23.AUG.2021 16:10:26

Highest Band Edge / Full RB

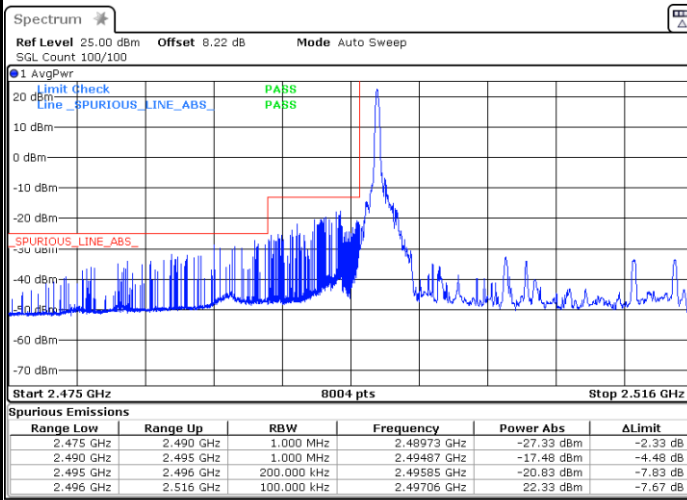


Date: 23.AUG.2021 16:37:44



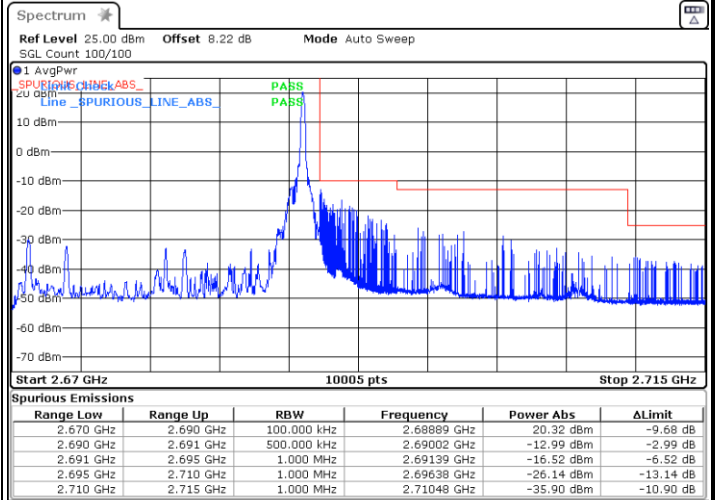
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



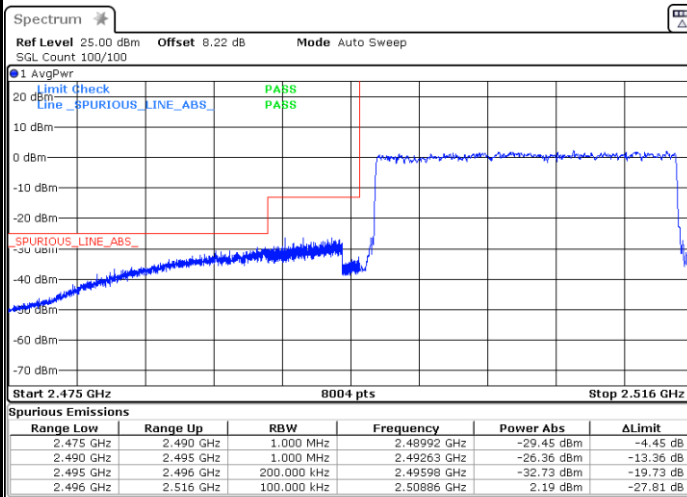
Date: 23.AUG.2021 16:07:33

Highest Band Edge / 1 RB



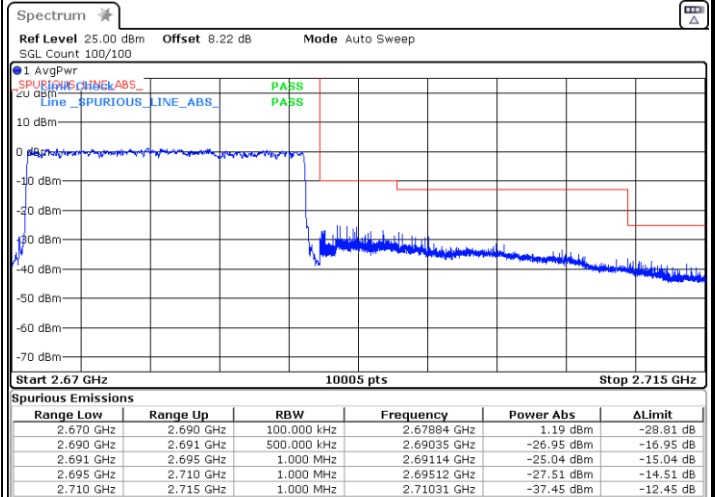
Date: 23.AUG.2021 16:32:43

Lowest Band Edge / Full RB



Date: 23.AUG.2021 16:09:43

Highest Band Edge / Full RB

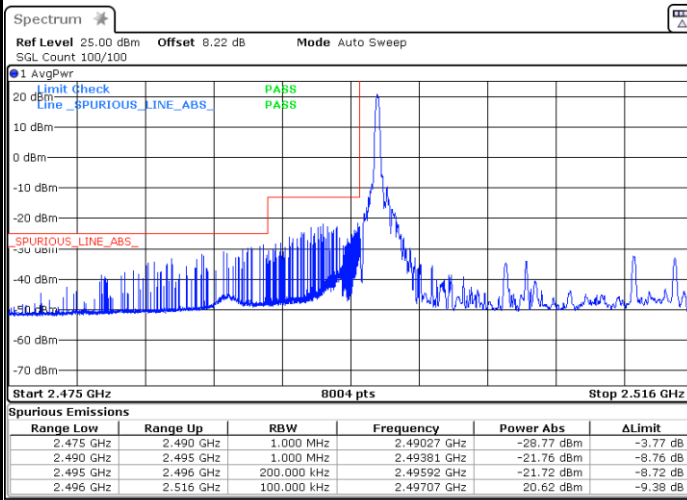


Date: 23.AUG.2021 16:36:13



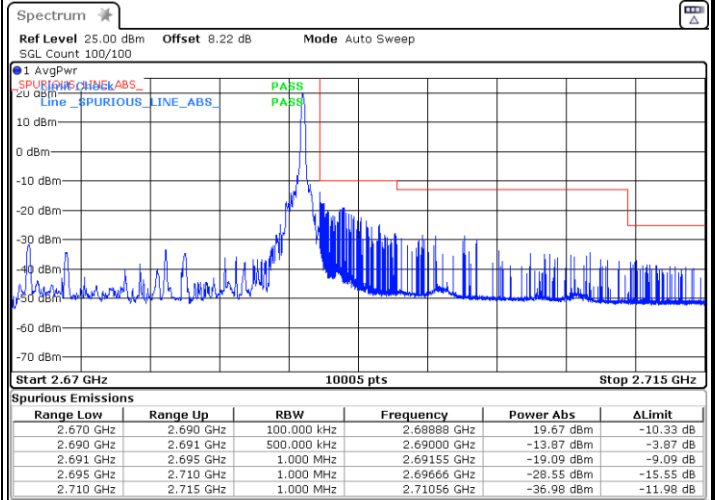
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



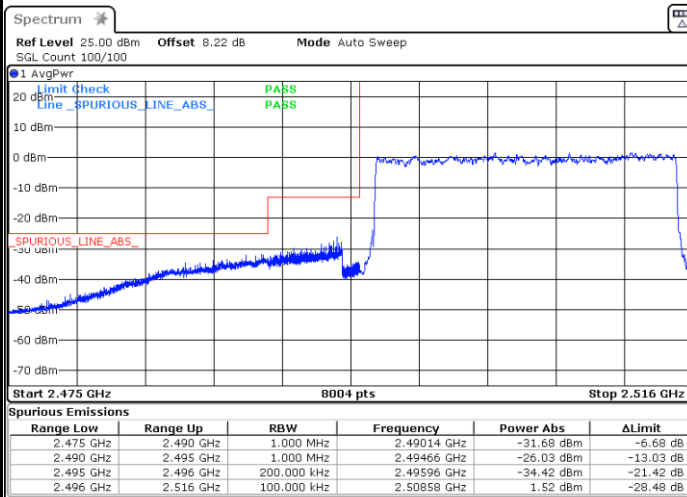
Date: 23.AUG.2021 16:08:30

Highest Band Edge / 1 RB



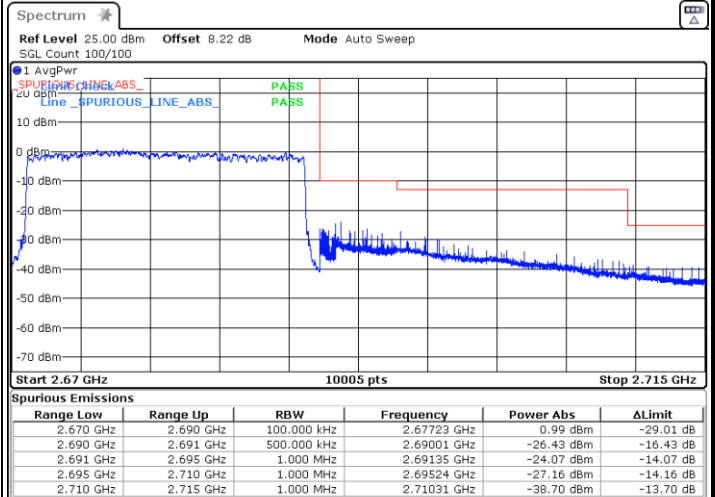
Date: 23.AUG.2021 16:34:39

Lowest Band Edge / Full RB



Date: 23.AUG.2021 16:09:11

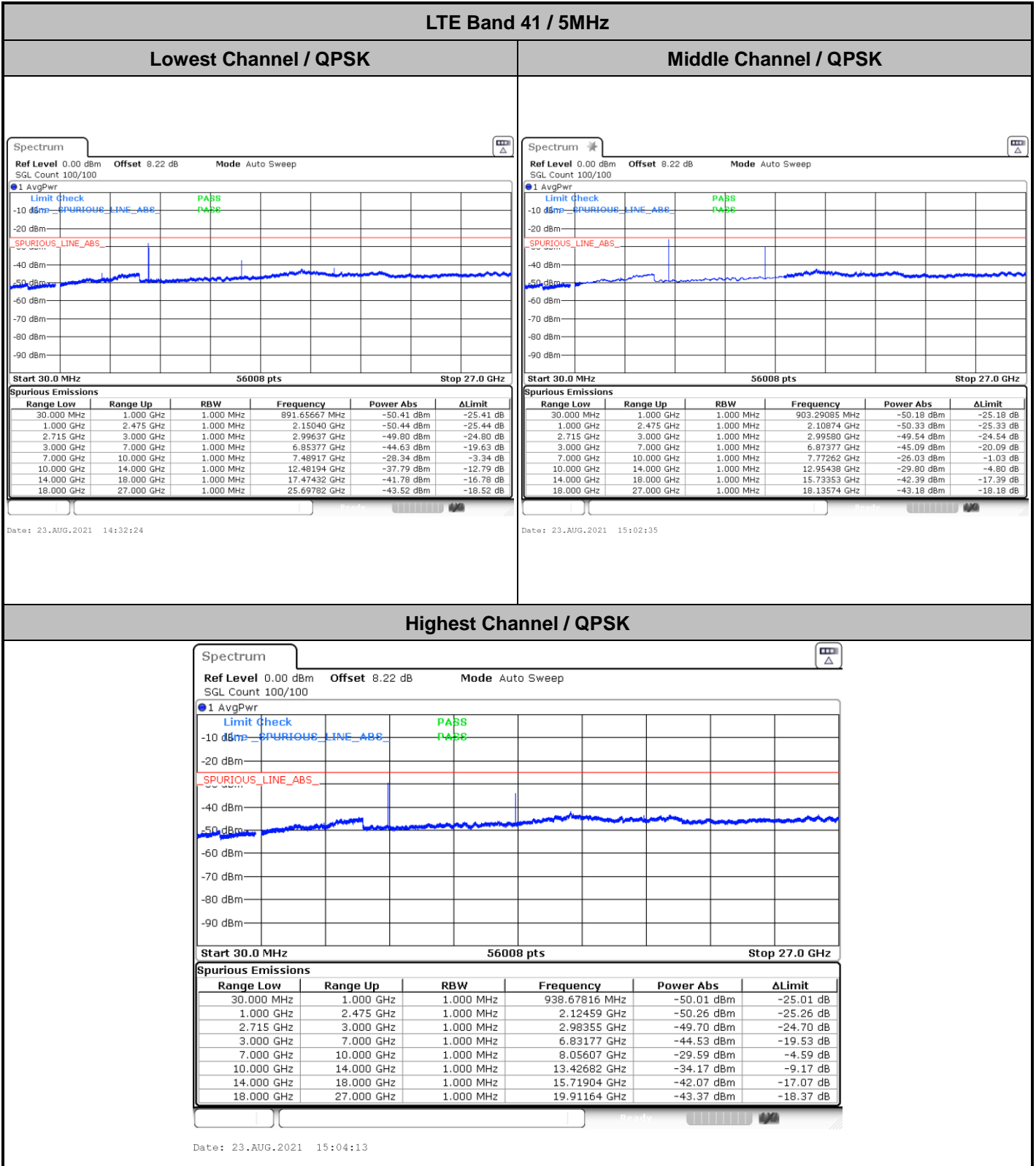
Highest Band Edge / Full RB



Date: 23.AUG.2021 16:35:29



Conducted Spurious Emission

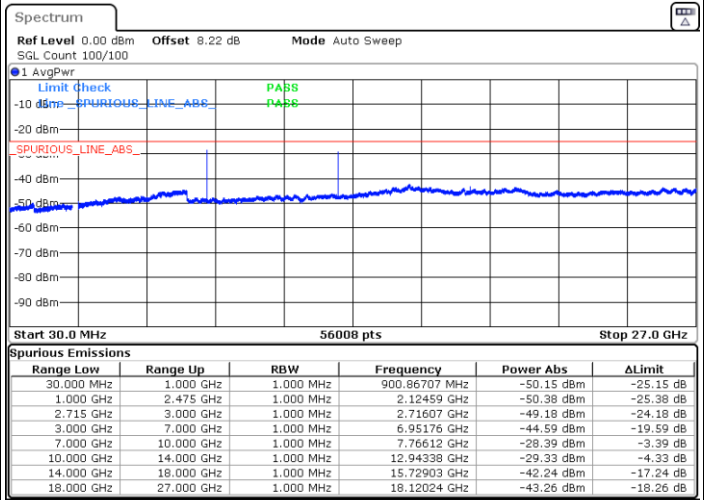
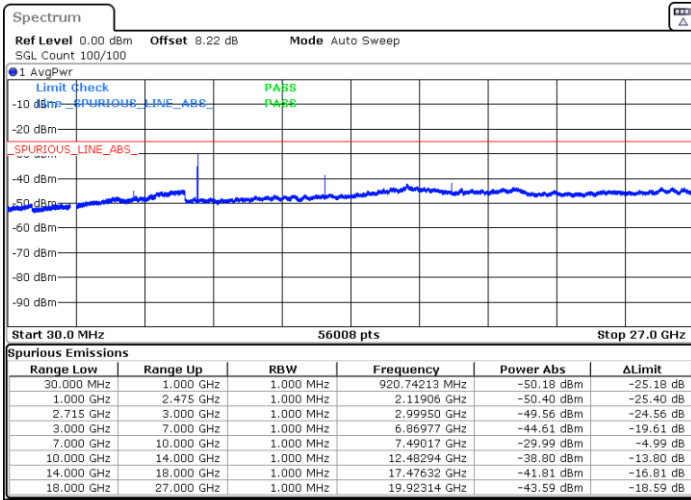




LTE Band 41 / 10MHz

Lowest Channel / QPSK

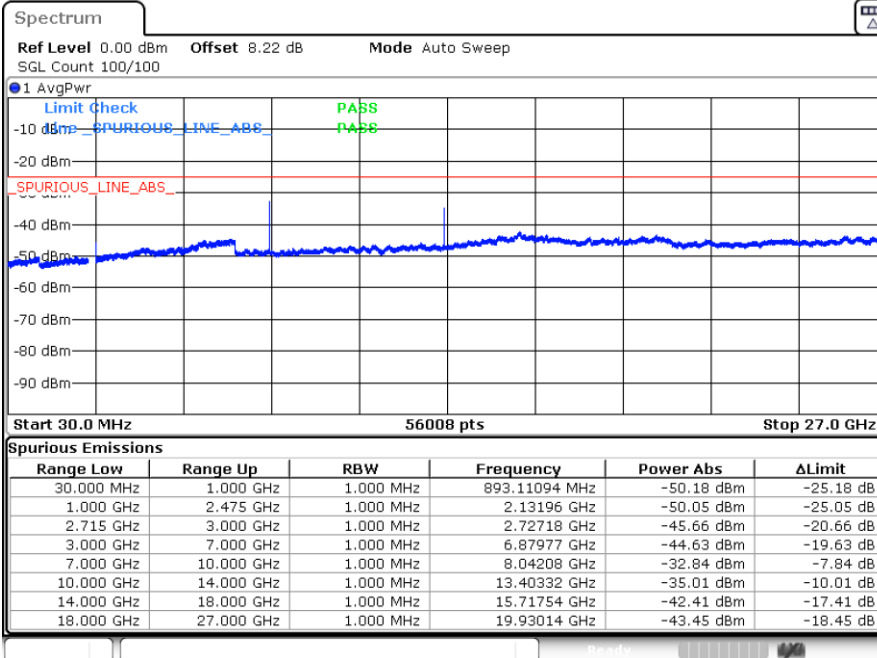
Middle Channel / QPSK



Date: 23.AUG.2021 15:15:31

Date: 23.AUG.2021 15:25:55

Highest Channel / QPSK



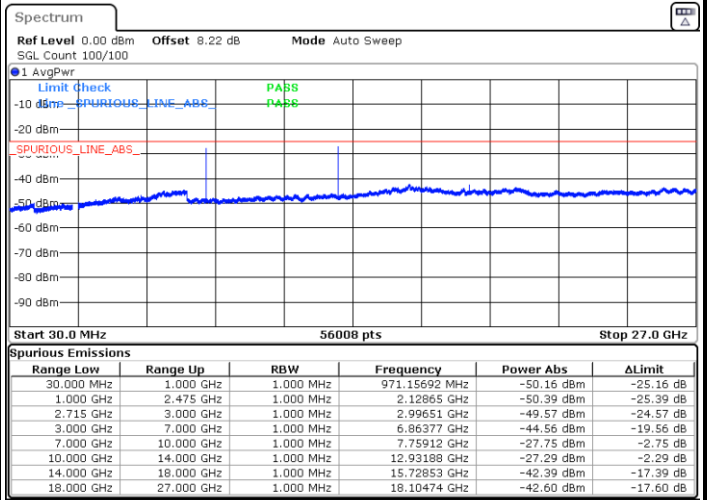
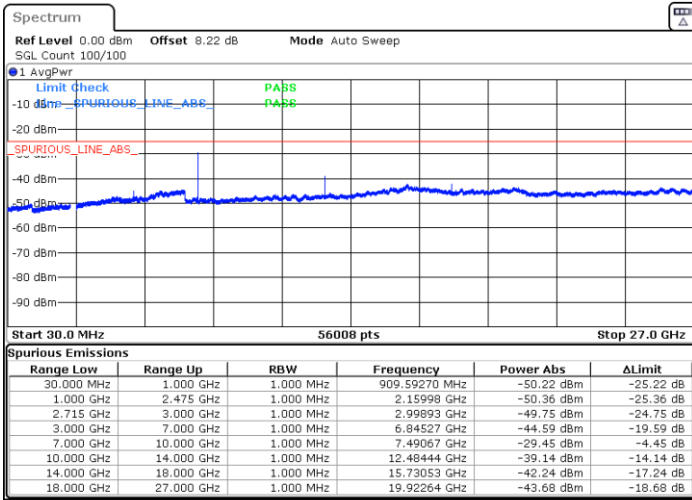
Date: 23.AUG.2021 15:27:32



LTE Band 41 / 15MHz

Lowest Channel / QPSK

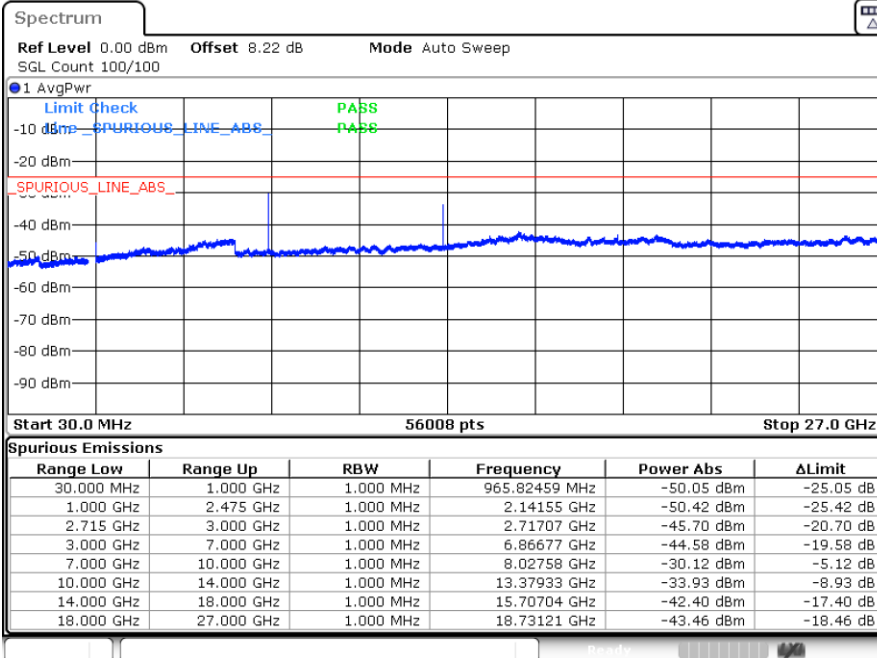
Middle Channel / QPSK



Date: 23.AUG.2021 15:51:20

Date: 23.AUG.2021 15:57:43

Highest Channel / QPSK



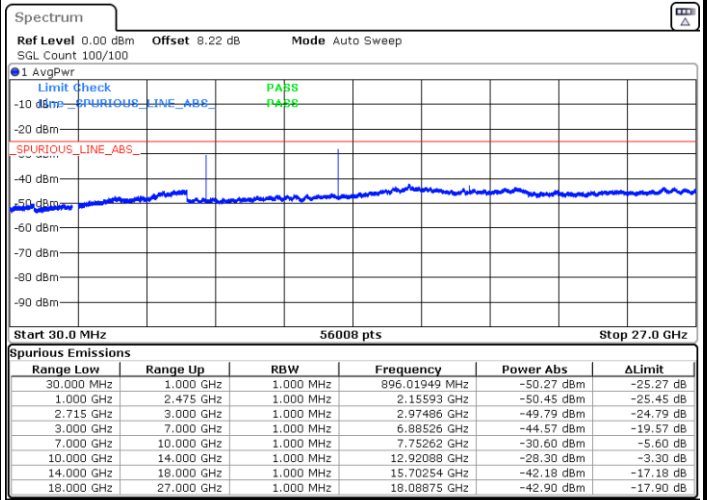
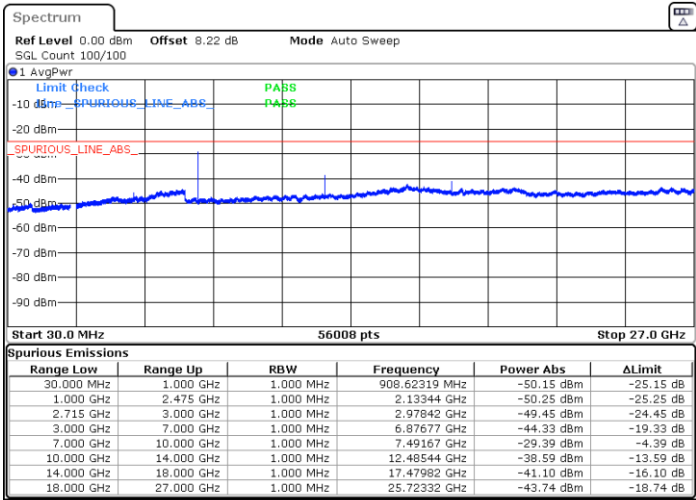
Date: 23.AUG.2021 16:00:58



LTE Band 41 / 20MHz

Lowest Channel / QPSK

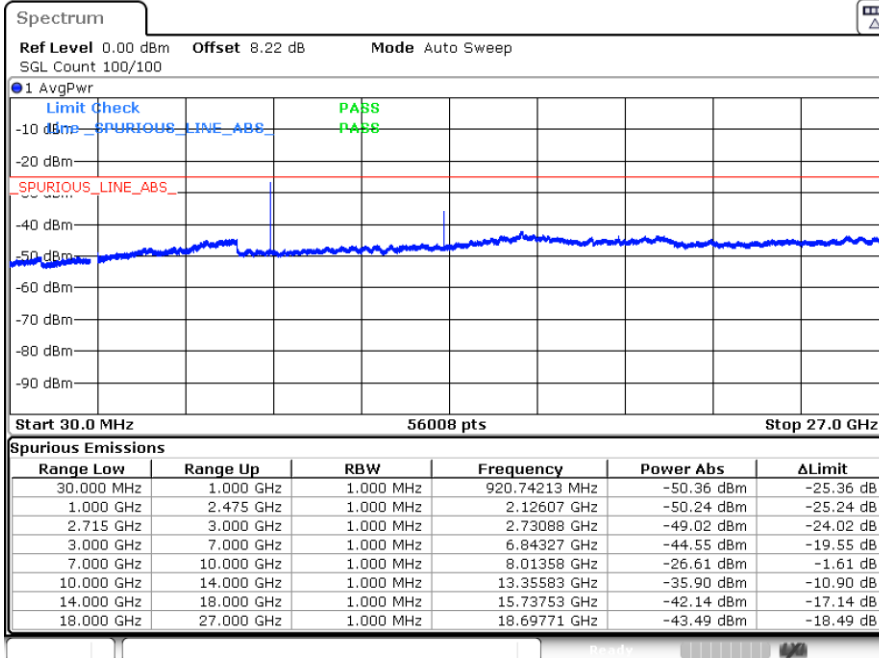
Middle Channel / QPSK



Date: 23.AUG.2021 16:06:26

Date: 23.AUG.2021 16:12:36

Highest Channel / QPSK



Date: 23.AUG.2021 16:30:10



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

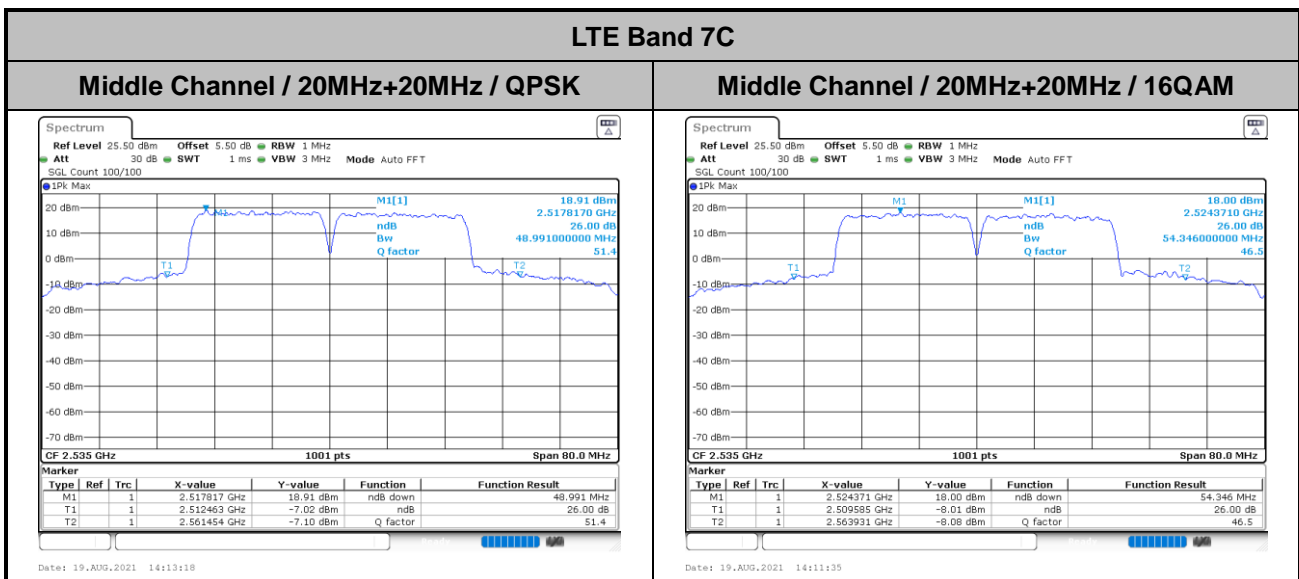
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3. 6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

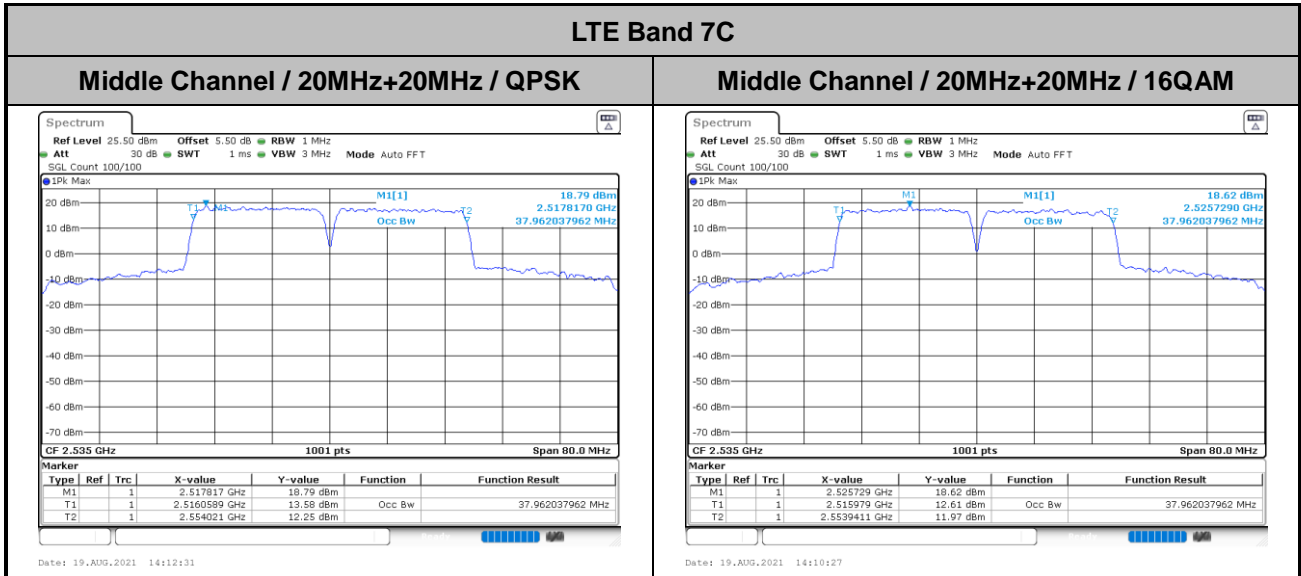
Mode	LTE Band 7C : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	48.99	53.35





Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.96	37.96





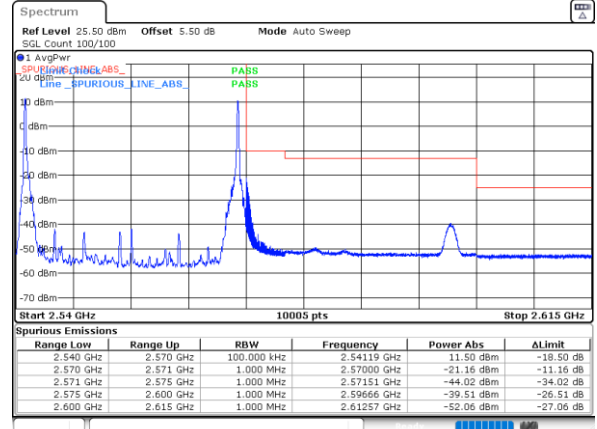
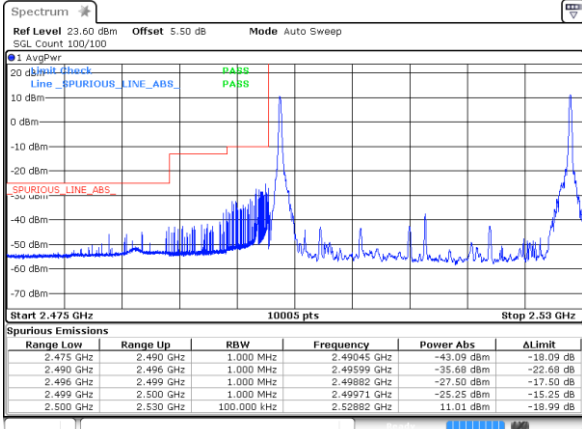
Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

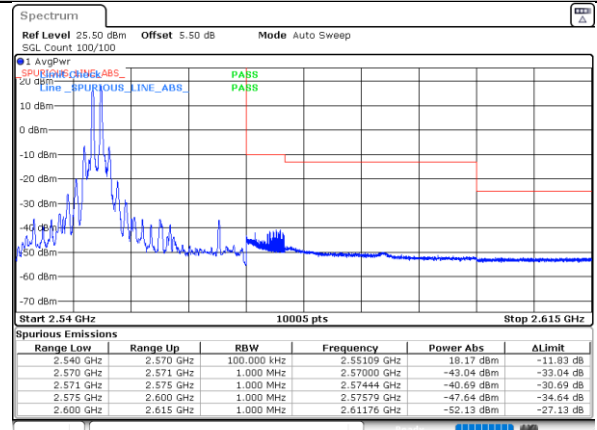
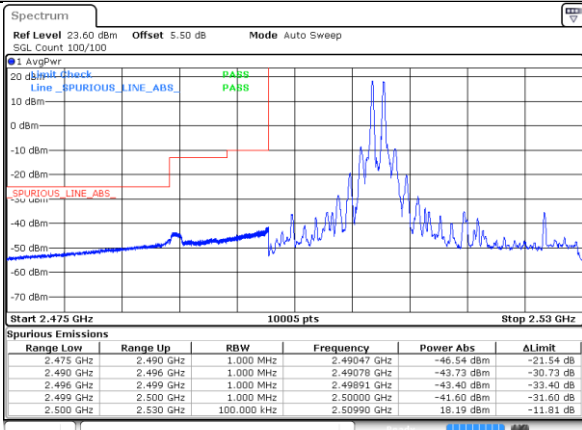


Date: 26 AUG 2021 15:48:39

Date: 19 AUG 2021 13:31:25

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

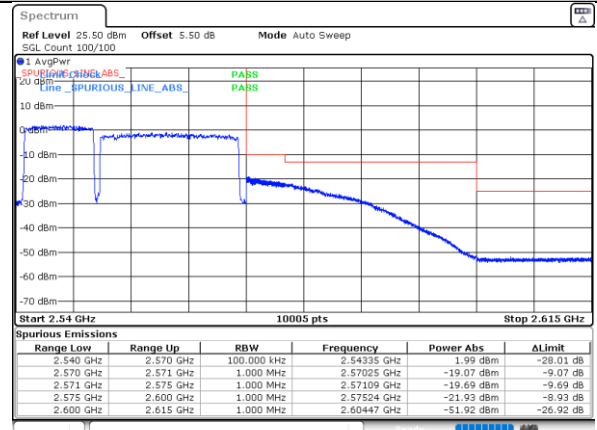
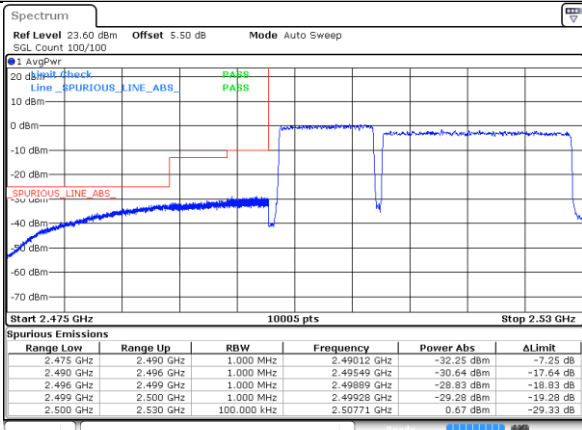


Date: 26 AUG 2021 15:49:02

Date: 19 AUG 2021 13:27:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26 AUG 2021 15:51:55

Date: 19 AUG 2021 13:32:34

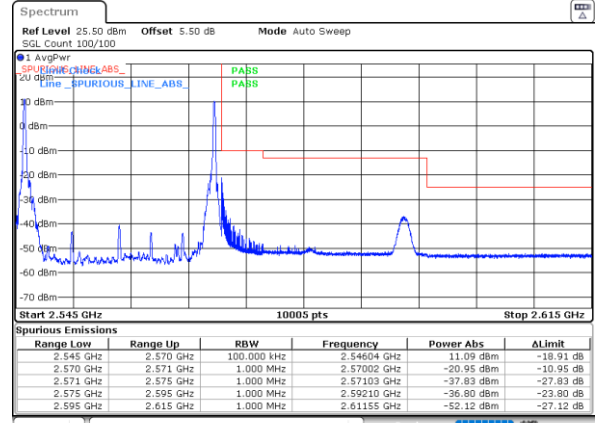
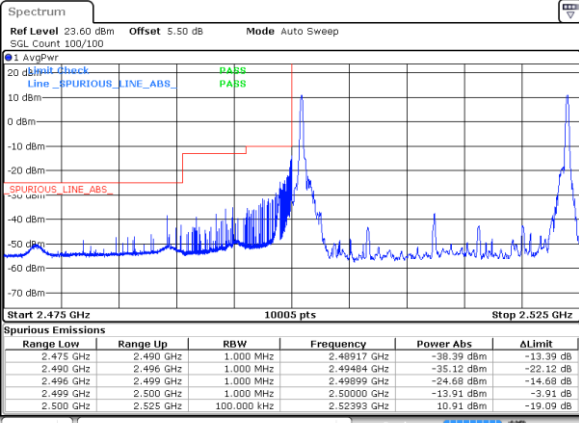


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

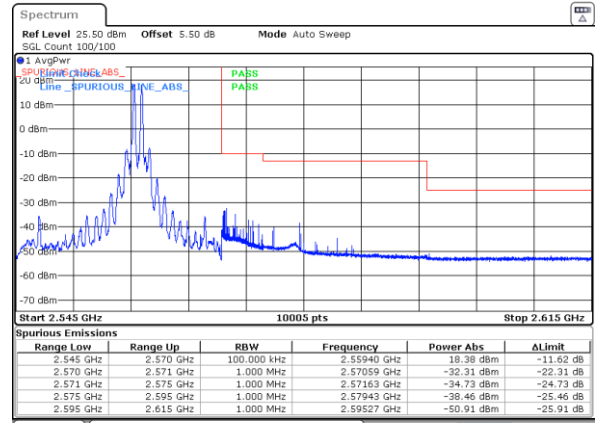
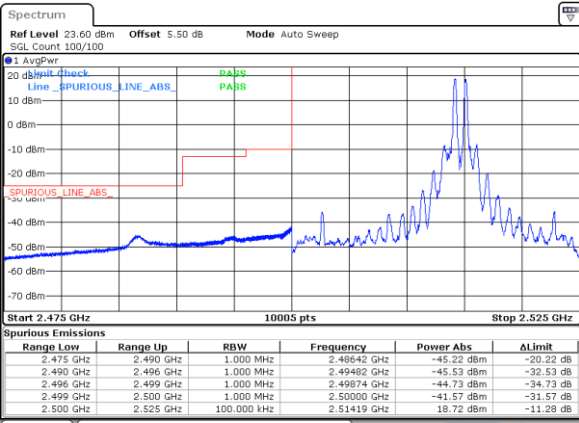


Date: 26 AUG 2021 15:42:04

Date: 19_AUG_2021 12:58:45

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

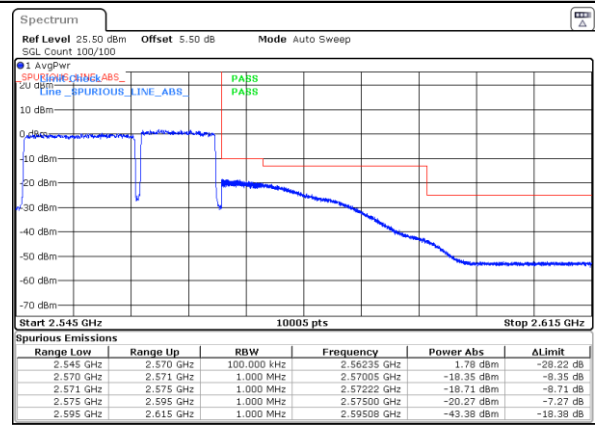
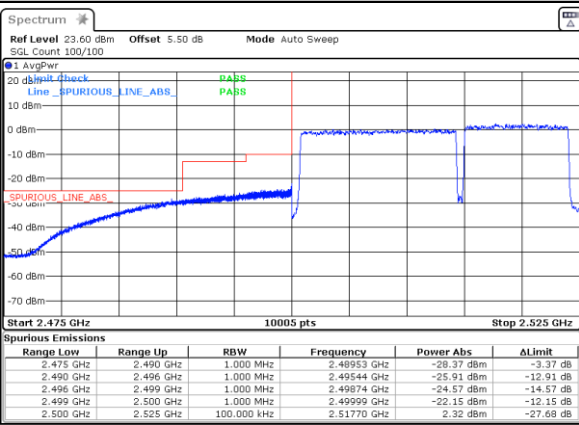


Date: 26 AUG 2021 15:44:47

Date: 19_AUG_2021 12:58:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20_AUG_2021 04:31:58

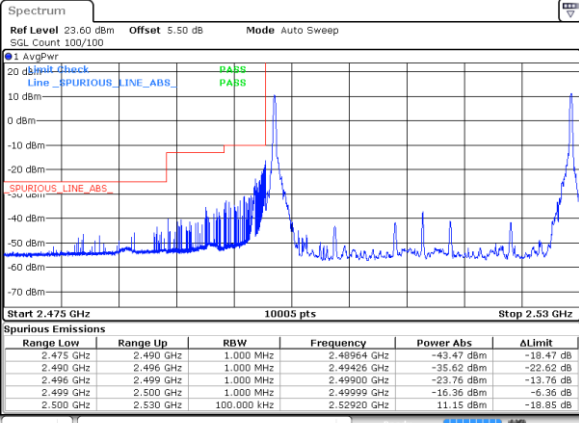
Date: 19_AUG_2021 13:02:55



LTE Band 7C / 15MHz+15MHz

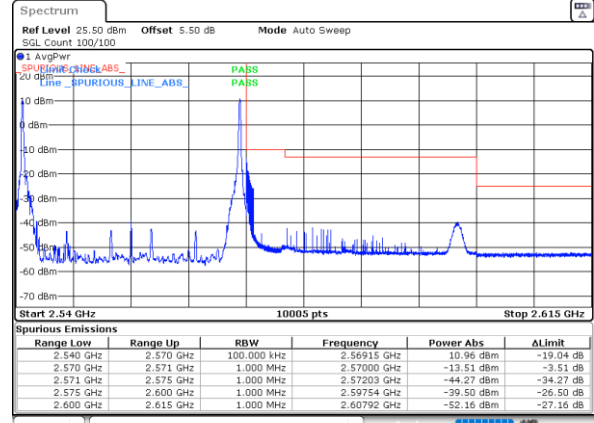
QPSK

Lowest Band Edge / 1RB0 and 1RB74



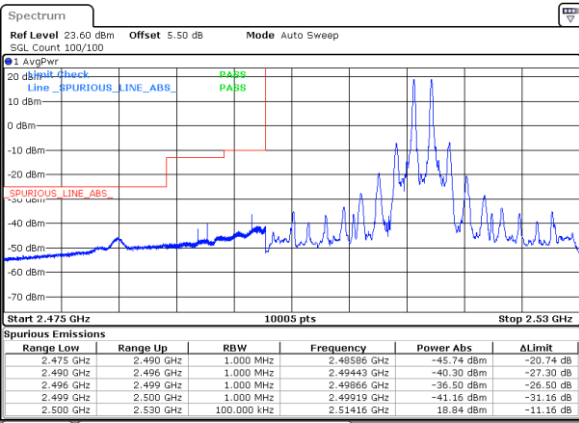
Date: 26 AUG 2021 15:37:04

Highest Band Edge / 1RB0 and 1RB74



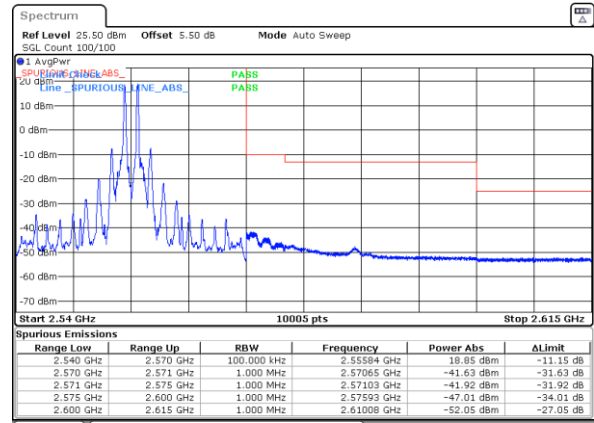
Date: 19 AUG 2021 12:00:23

Lowest Band Edge / 1RB74 and 1RB0



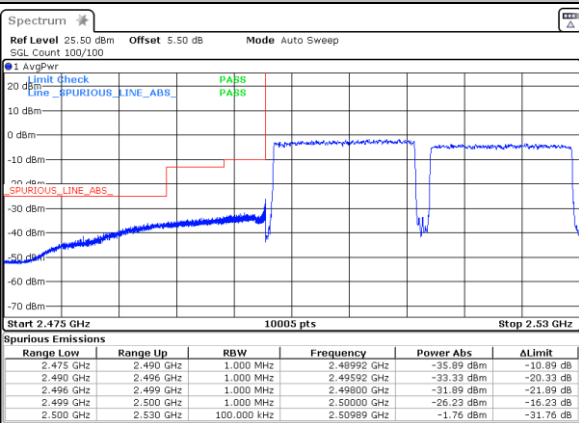
Date: 26 AUG 2021 15:37:47

Highest Band Edge / 1RB74 and 1RB0



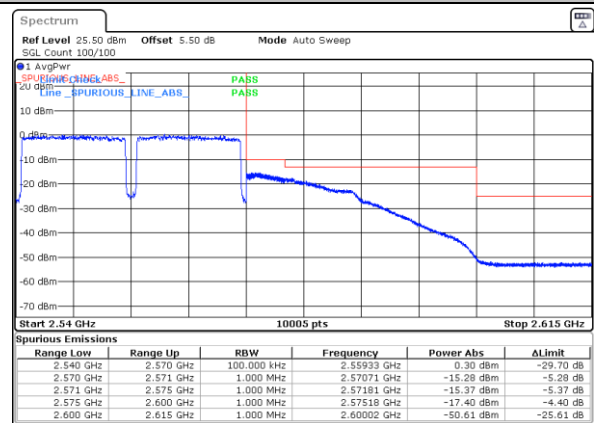
Date: 19 AUG 2021 11:53:18

Lowest Band Edge / Full RB



Date: 20 AUG 2021 04:38:30

Highest Band Edge / Full RB



Date: 19 AUG 2021 12:01:03

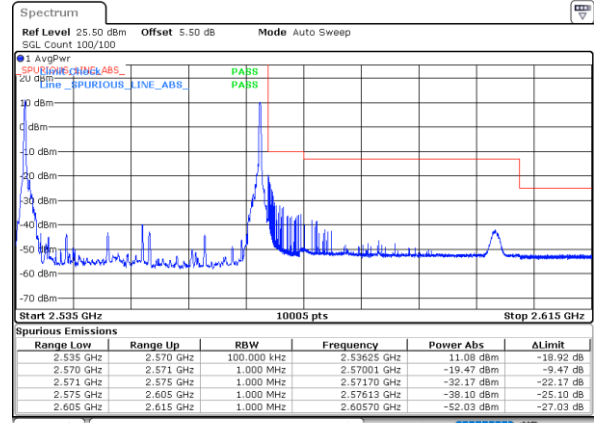
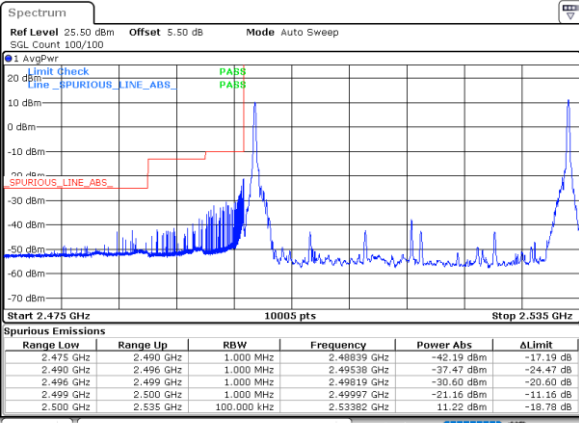


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

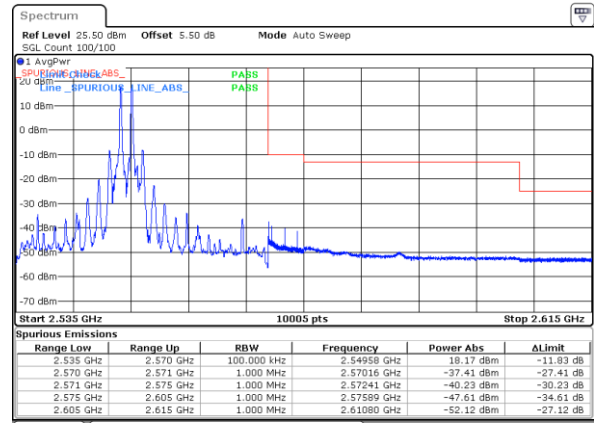
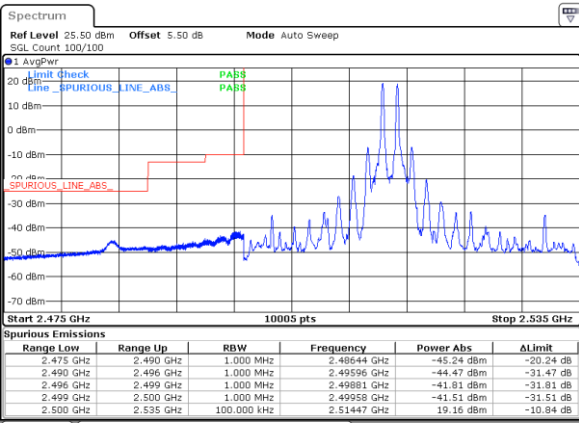


Date: 19_AUG.2021 10:48:58

Date: 19_AUG.2021 11:26:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

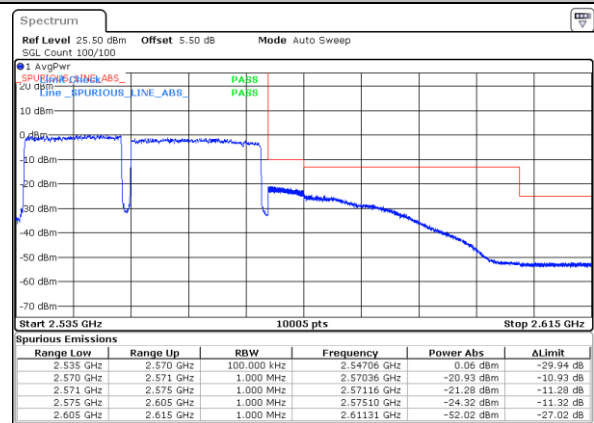
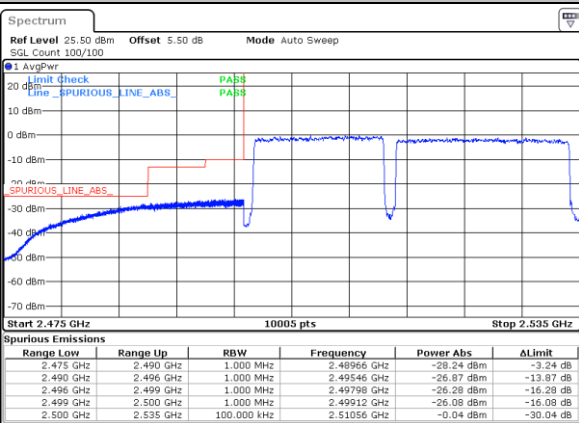


Date: 19_AUG.2021 10:49:44

Date: 19_AUG.2021 11:17:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19_AUG.2021 10:44:36

Date: 19_AUG.2021 11:26:58

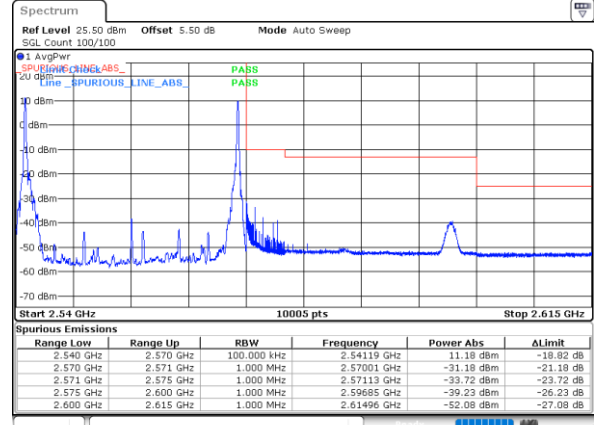
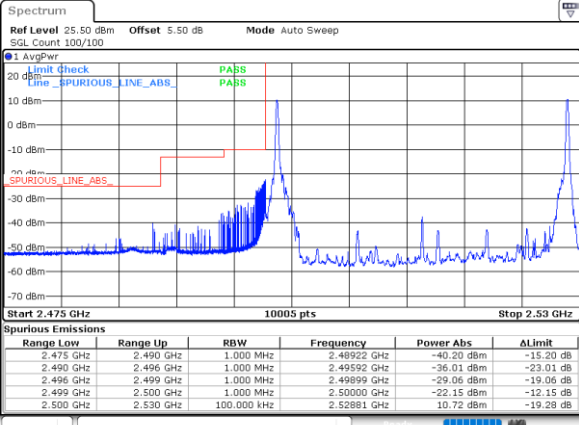


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

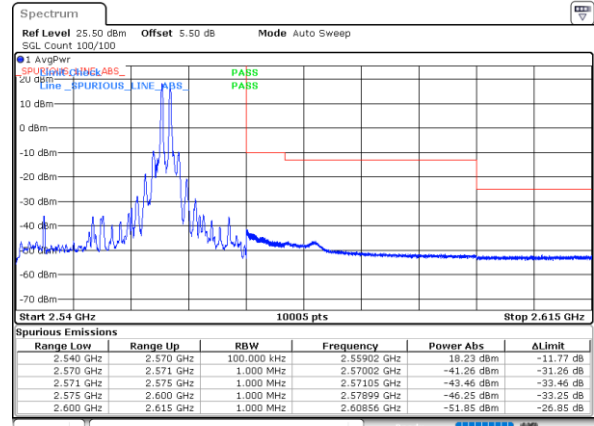
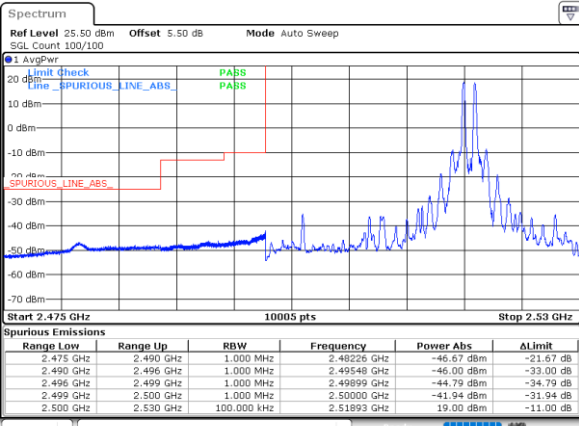


Date: 19_AUG.2021 10:14:22

Date: 19_AUG.2021 10:20:45

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

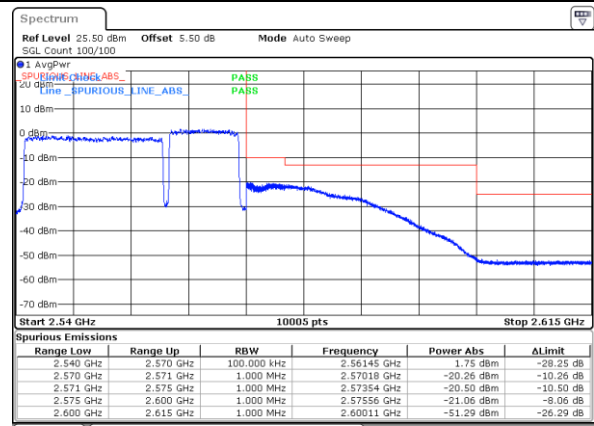
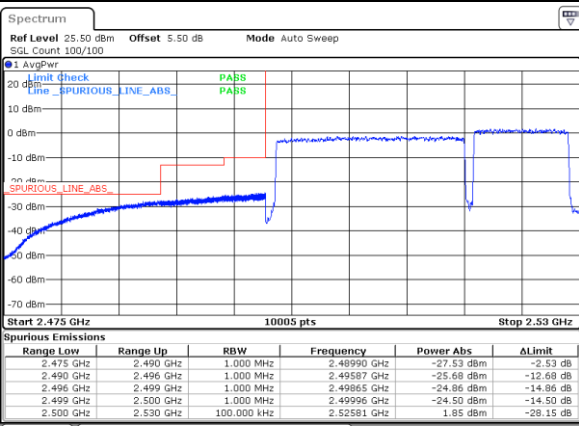


Date: 19_AUG.2021 10:15:04

Date: 19_AUG.2021 10:19:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19_AUG.2021 10:10:50

Date: 19_AUG.2021 10:34:48