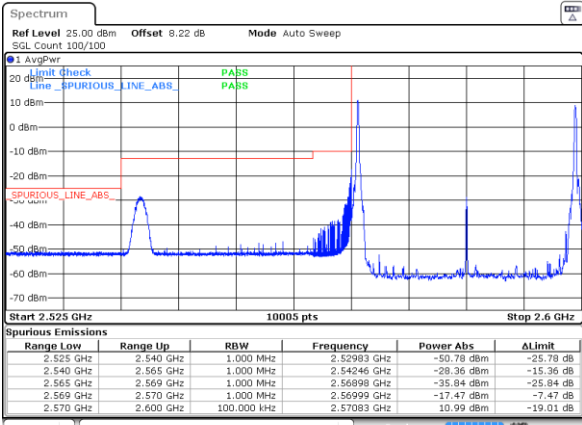




LTE Band 38C / 15MHz+15MHz

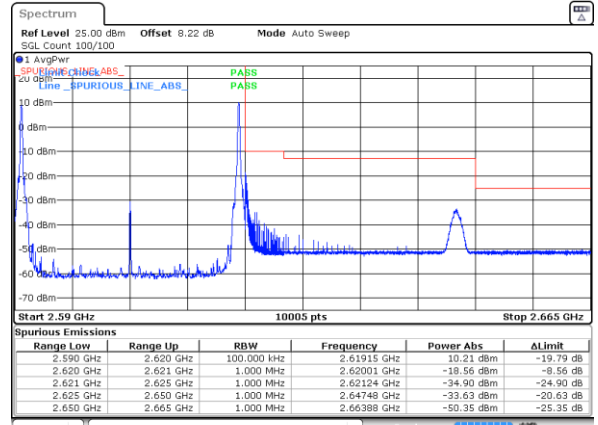
16QAM

Lowest Band Edge / 1RB0 and 1RB74



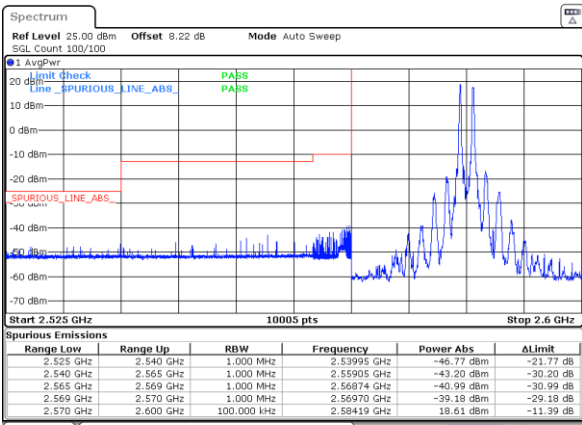
Date: 19 SEP 2022 16:00:27

Highest Band Edge / 1RB0 and 1RB74



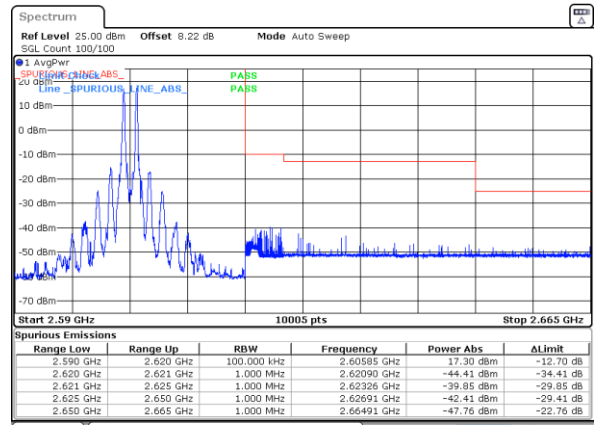
Date: 19 SEP 2022 16:18:24

Lowest Band Edge / 1RB74 and 1RB0



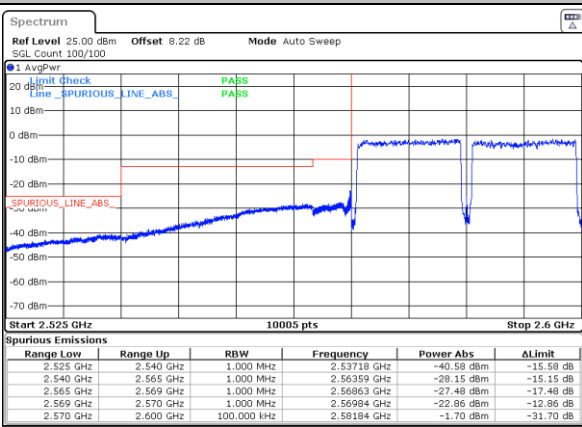
Date: 19 SEP 2022 16:06:17

Highest Band Edge / 1RB74 and 1RB0



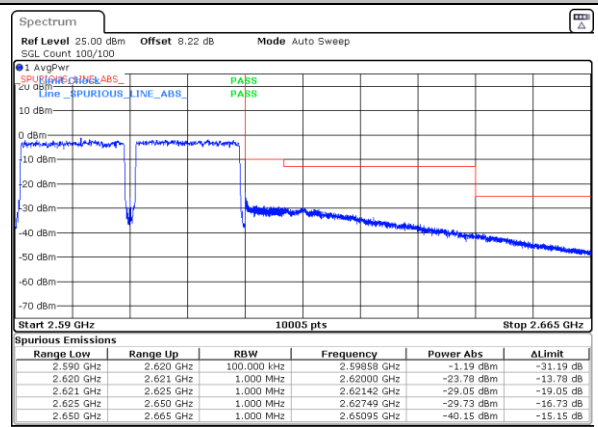
Date: 19 SEP 2022 16:24:13

Lowest Band Edge / Full RB



Date: 19 SEP 2022 15:54:37

Highest Band Edge / Full RB



Date: 19 SEP 2022 16:12:34

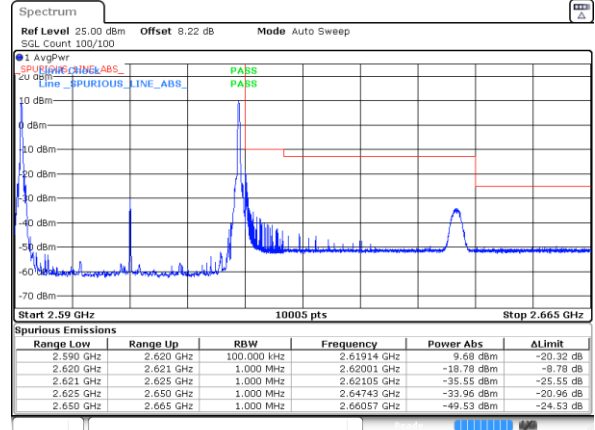
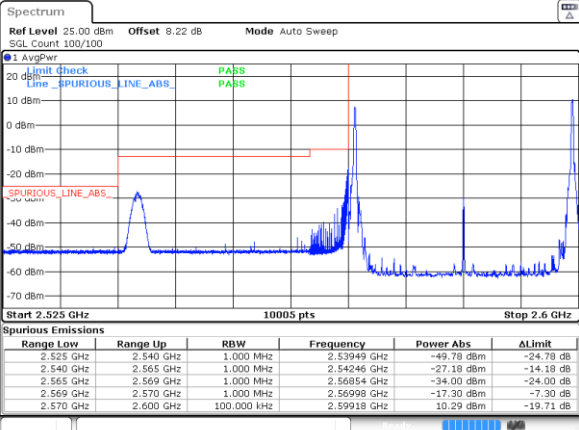


LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

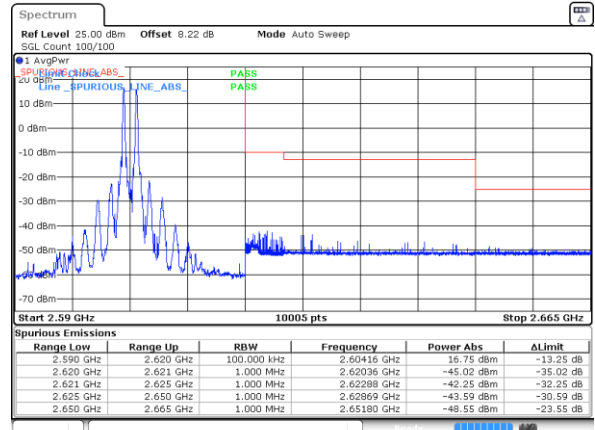
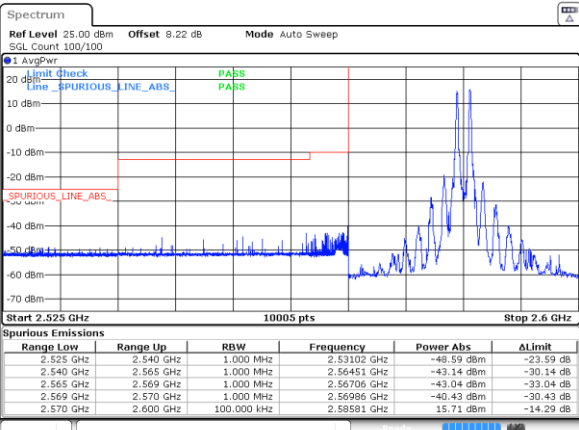


Date: 19 SEP 2022 16:01:55

Date: 19 SEP 2022 16:19:51

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

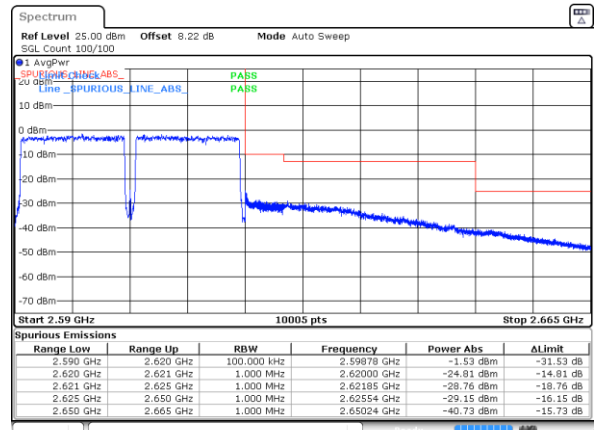
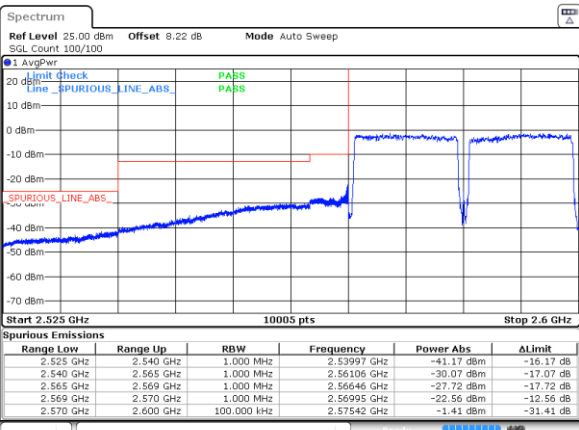


Date: 19 SEP 2022 16:07:44

Date: 19 SEP 2022 16:25:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19 SEP 2022 15:56:04

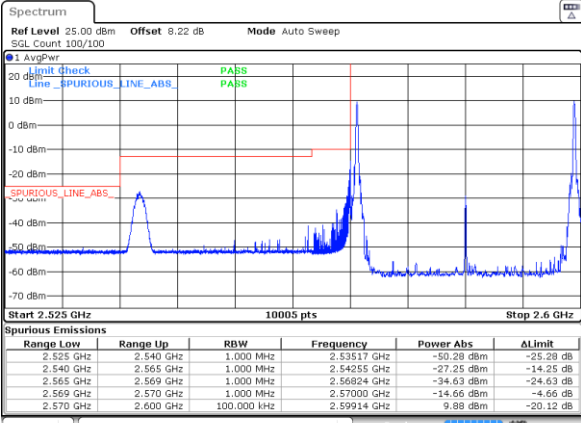
Date: 19 SEP 2022 16:14:02



LTE Band 38C / 15MHz+15MHz

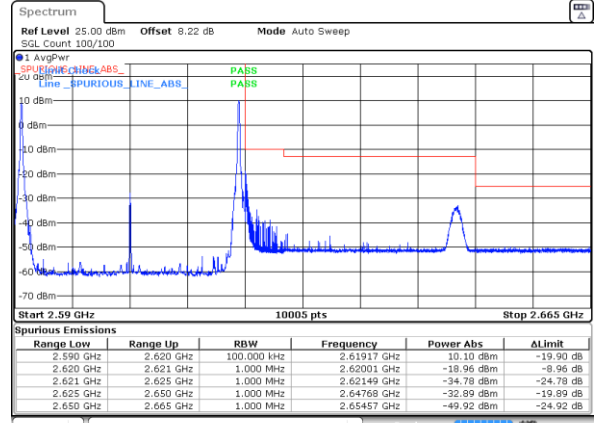
256QAM

Lowest Band Edge / 1RB0 and 1RB74



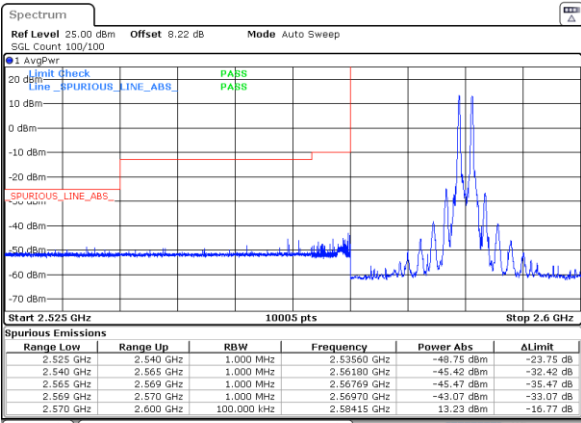
Date: 19 SEP 2022 16:03:22

Highest Band Edge / 1RB0 and 1RB74



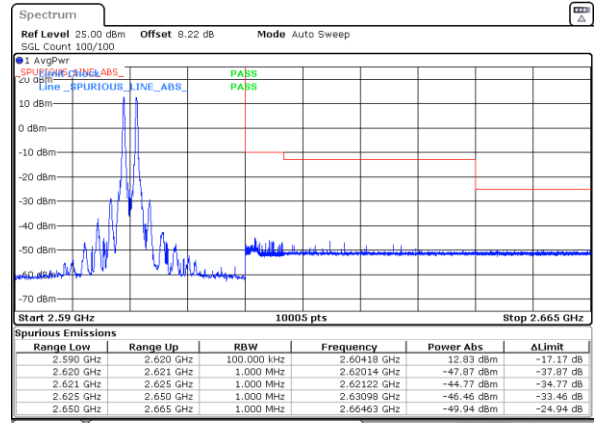
Date: 19 SEP 2022 16:21:18

Lowest Band Edge / 1RB74 and 1RB0



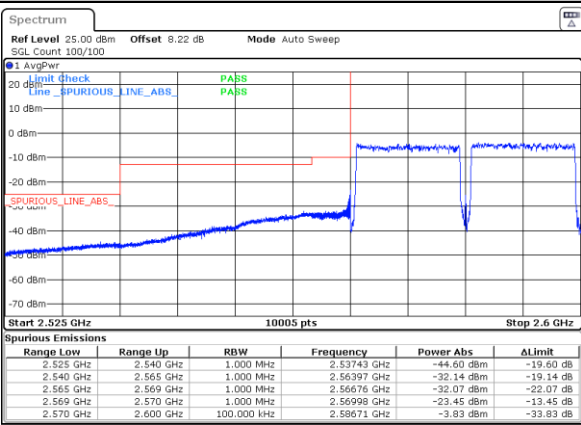
Date: 19 SEP 2022 16:09:11

Highest Band Edge / 1RB74 and 1RB0



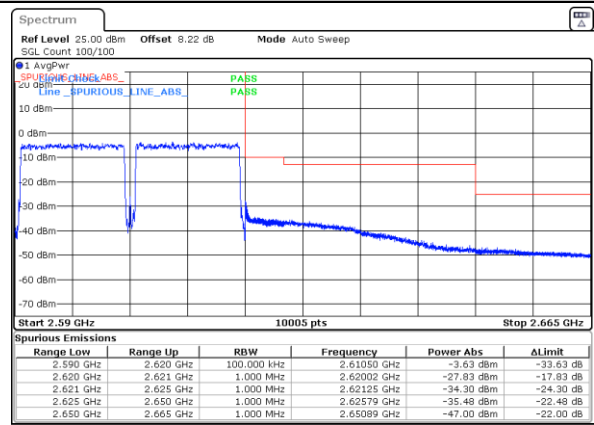
Date: 19 SEP 2022 16:27:07

Lowest Band Edge / Full RB



Date: 19 SEP 2022 15:57:32

Highest Band Edge / Full RB



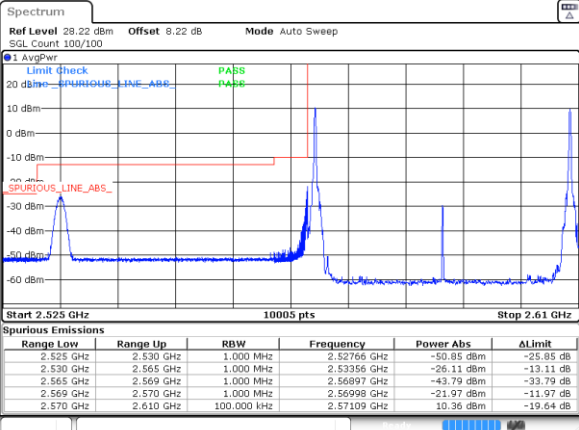
Date: 19 SEP 2022 16:15:29



LTE Band 38C / 20MHz+20MHz

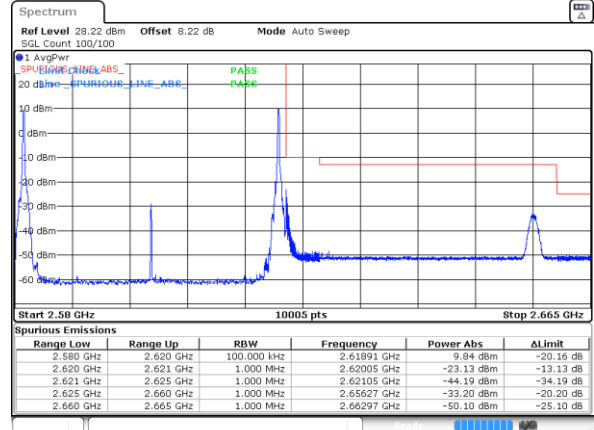
QPSK

Lowest Band Edge / 1RB0 and 1RB99



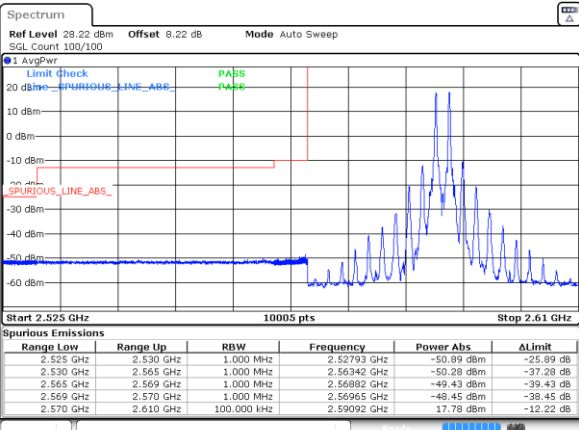
Date: 19 SEP 2022 16:42:58

Highest Band Edge / 1RB0 and 1RB99



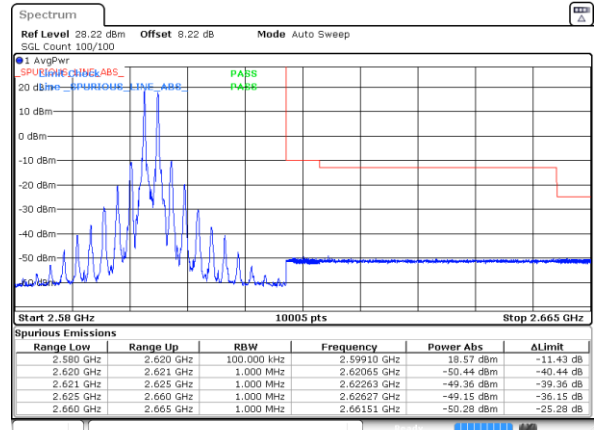
Date: 19 SEP 2022 17:02:46

Lowest Band Edge / 1RB99 and 1RB0



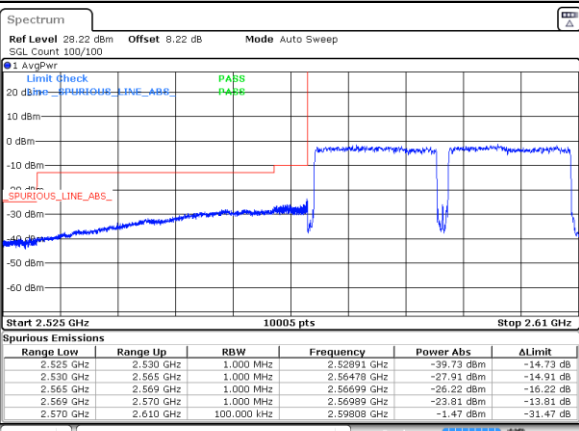
Date: 19 SEP 2022 16:50:14

Highest Band Edge / 1RB99 and 1RB0



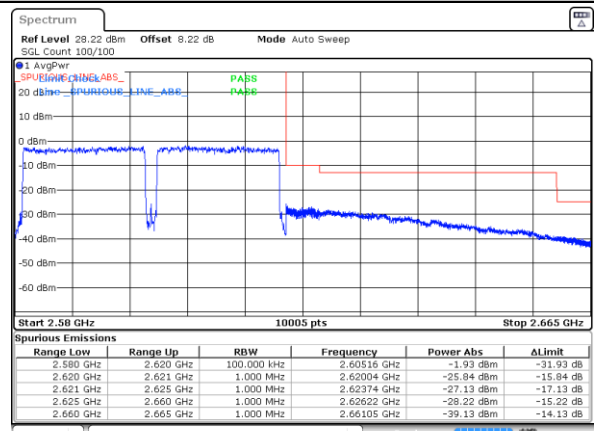
Date: 19 SEP 2022 17:10:01

Lowest Band Edge / Full RB



Date: 19 SEP 2022 16:37:09

Highest Band Edge / Full RB



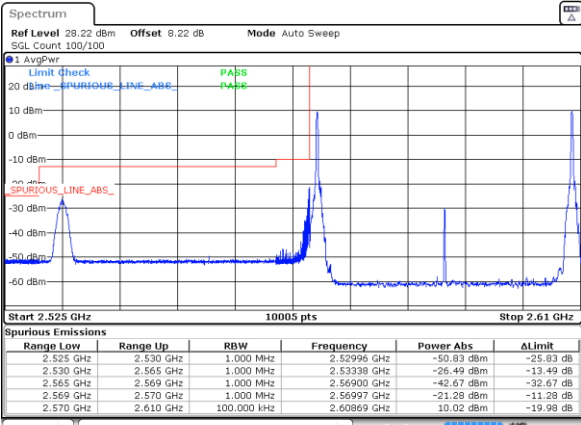
Date: 19 SEP 2022 16:56:58



LTE Band 38C / 20MHz+20MHz

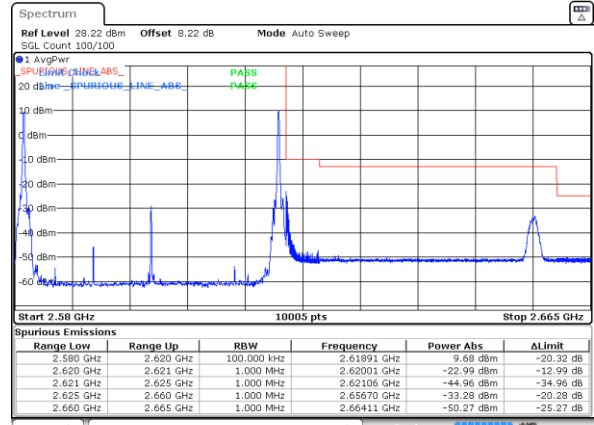
16QAM

Lowest Band Edge / 1RB0 and 1RB9



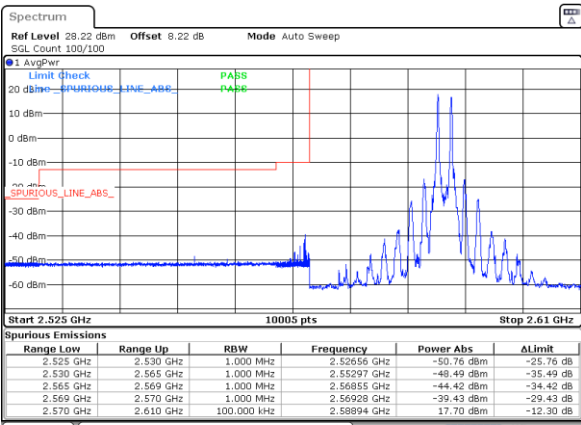
Date: 19 SEP 2022 16:44:25

Highest Band Edge / 1RB0 and 1RB9



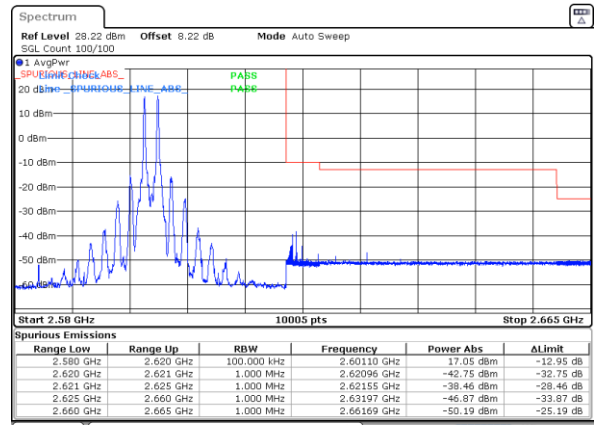
Date: 19 SEP 2022 17:04:13

Lowest Band Edge / 1RB99 and 1RB0



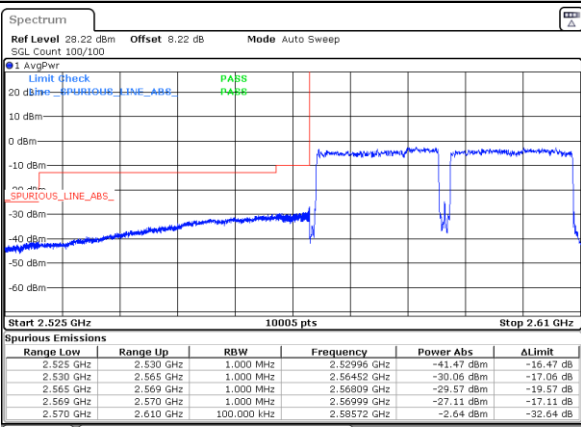
Date: 19 SEP 2022 16:51:41

Highest Band Edge / 1RB99 and 1RB0



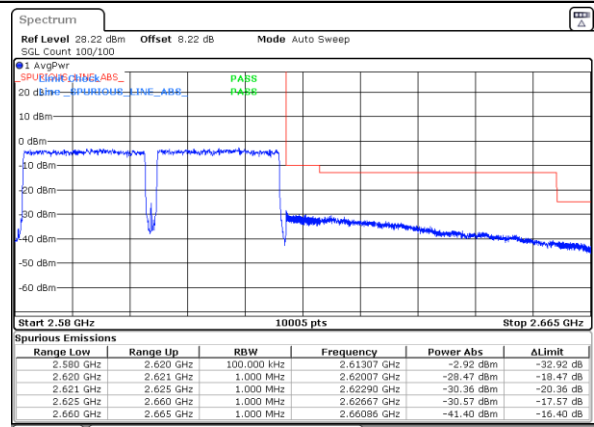
Date: 19 SEP 2022 17:11:28

Lowest Band Edge / Full RB



Date: 19 SEP 2022 16:38:36

Highest Band Edge / Full RB



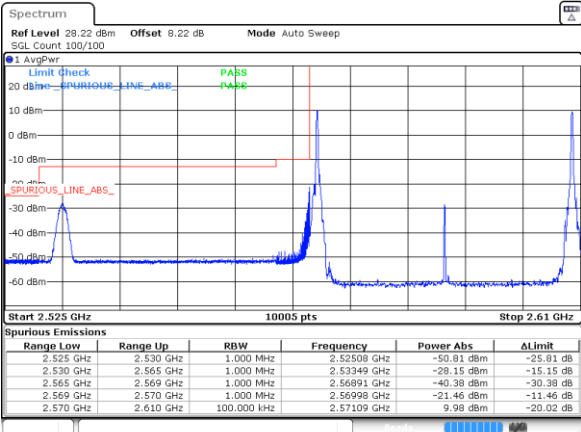
Date: 19 SEP 2022 16:58:25



LTE Band 38C / 20MHz+20MHz

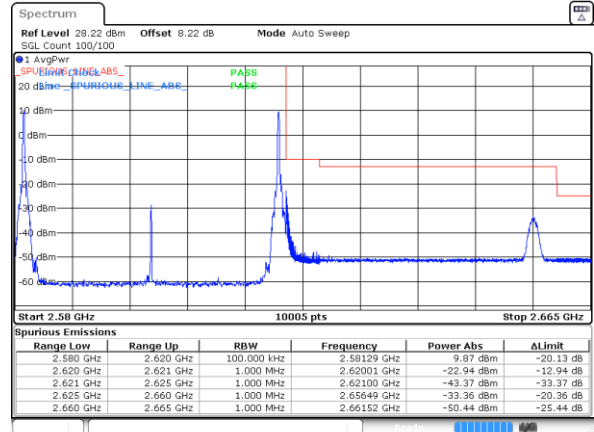
64QAM

Lowest Band Edge / 1RB0 and 1RB9



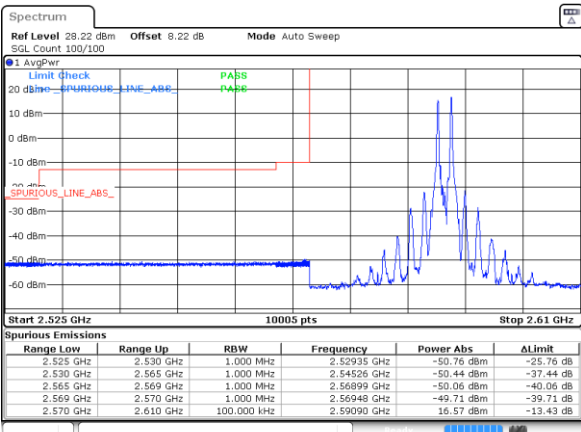
Date: 19 SEP 2022 16:45:52

Highest Band Edge / 1RB0 and 1RB9



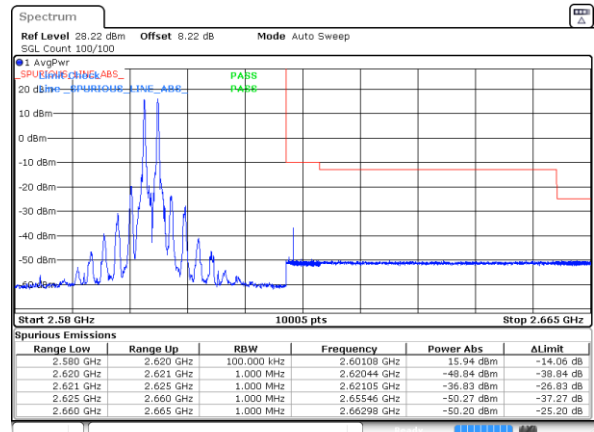
Date: 19 SEP 2022 17:05:40

Lowest Band Edge / 1RB99 and 1RB0



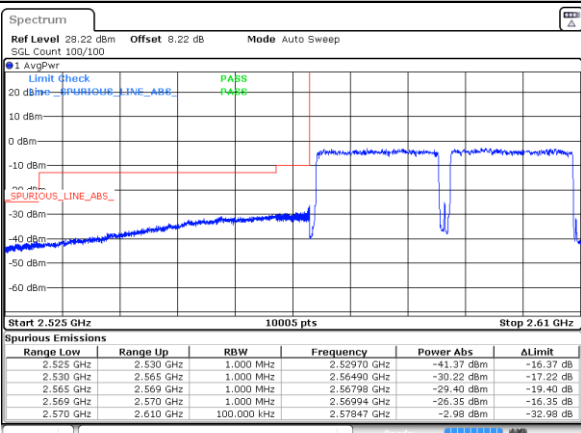
Date: 19 SEP 2022 16:53:08

Highest Band Edge / 1RB99 and 1RB0



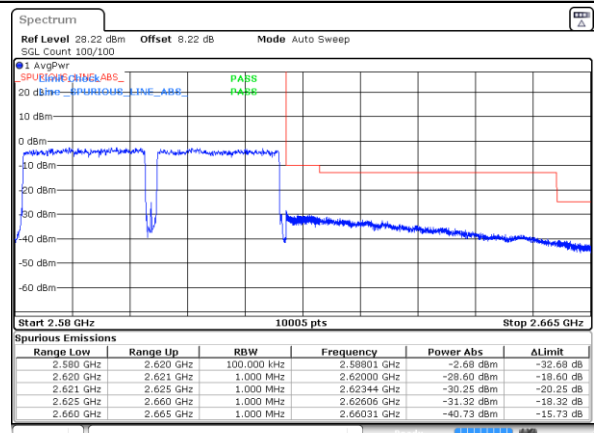
Date: 19 SEP 2022 17:12:55

Lowest Band Edge / Full RB



Date: 19 SEP 2022 16:40:03

Highest Band Edge / Full RB



Date: 19 SEP 2022 16:59:52

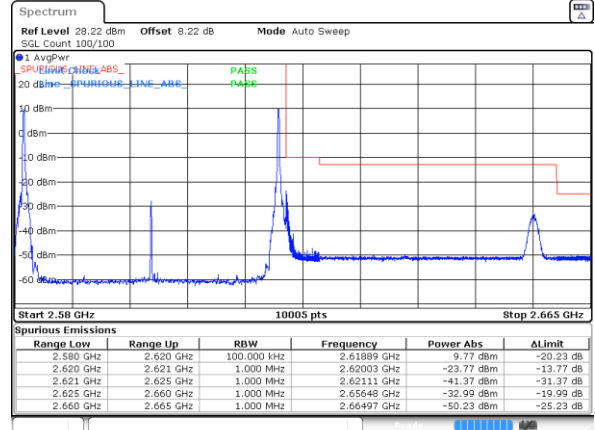
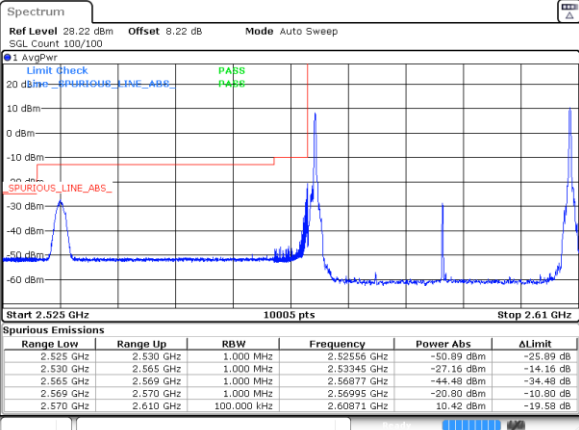


LTE Band 38C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

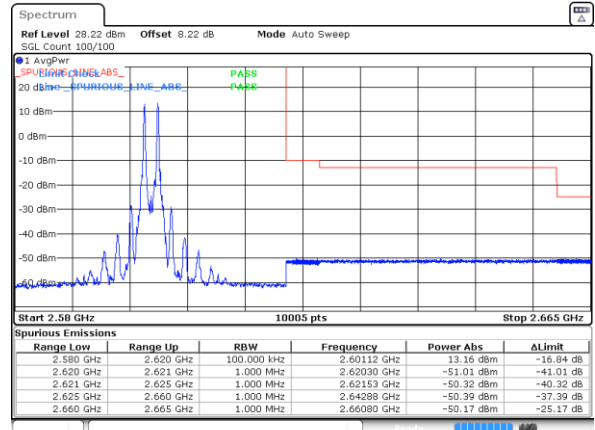
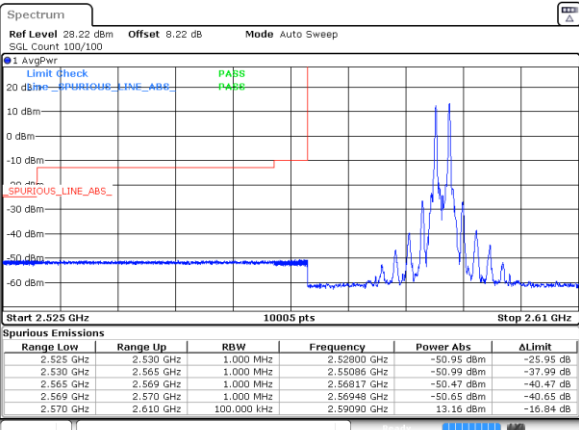


Date: 19 SEP 2022 16:47:20

Date: 19 SEP 2022 17:07:07

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

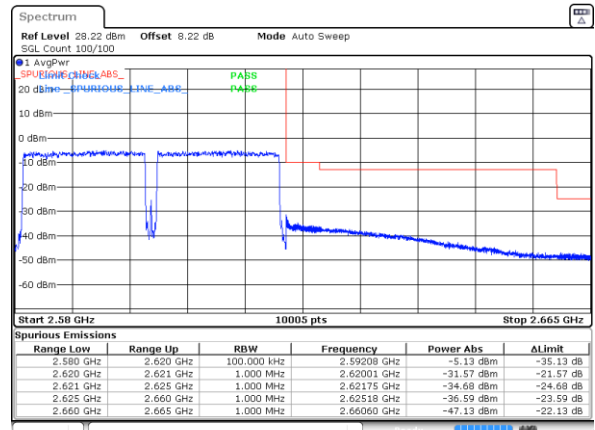
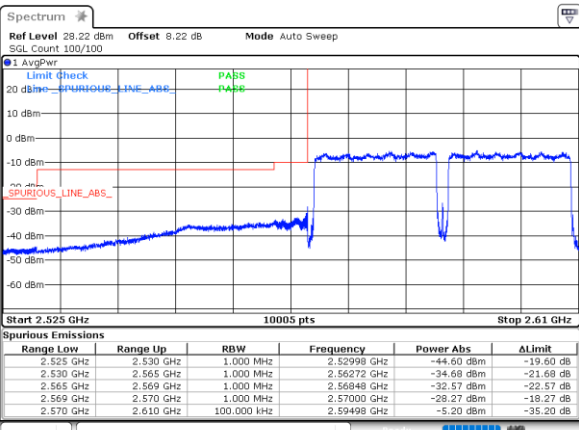


Date: 19 SEP 2022 16:54:35

Date: 19 SEP 2022 17:14:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23 SEP 2022 07:02:32

Date: 19 SEP 2022 17:01:19



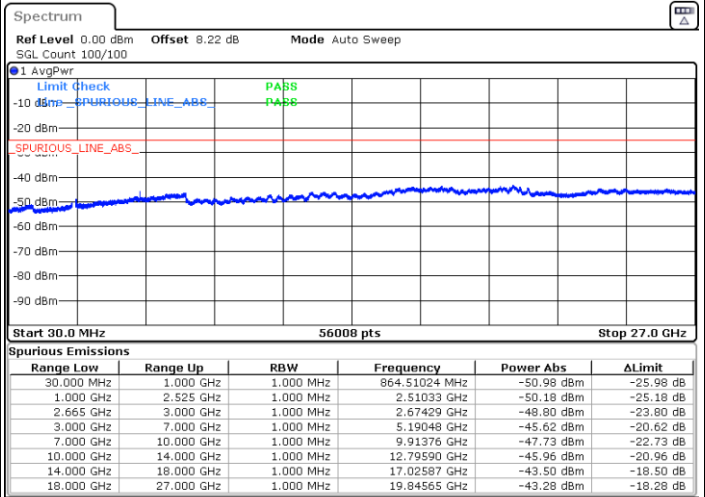
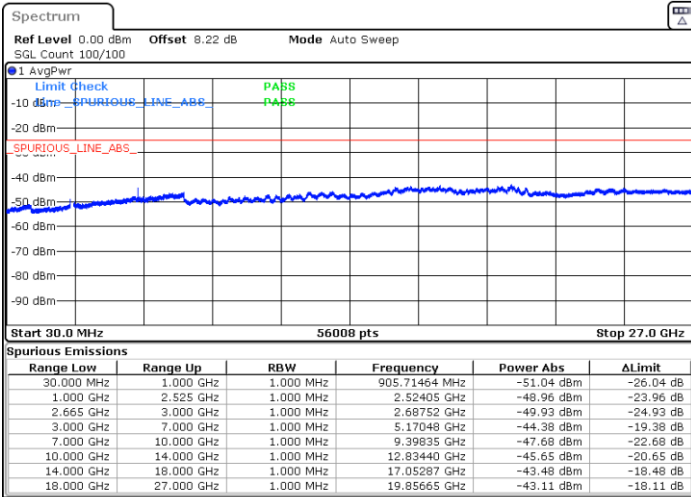
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

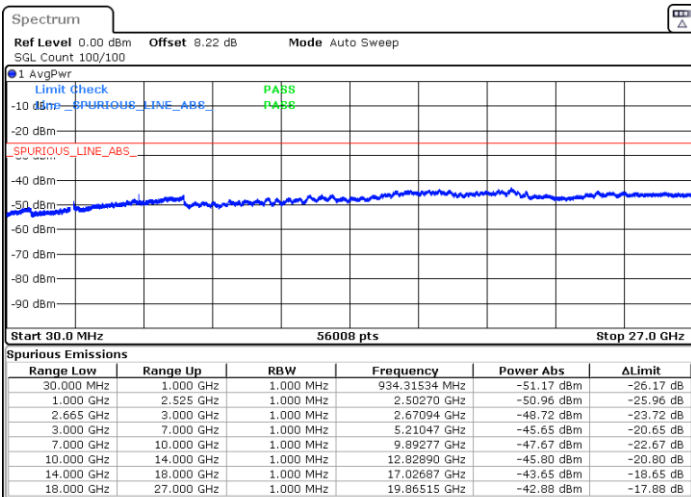


Date: 19.SEP.2022 16:30:07

Date: 19.SEP.2022 16:31:40

Highest Channel / 1RB74 and 1RB0

N/A



Date: 19.SEP.2022 16:28:34

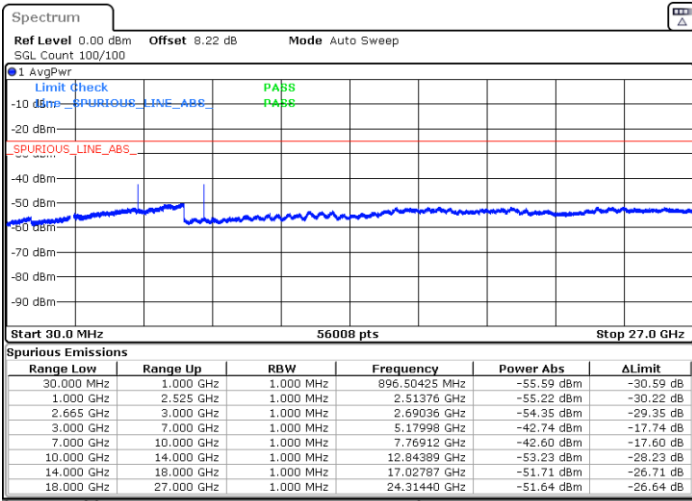


LTE Band 38C / 20MHz+20MHz

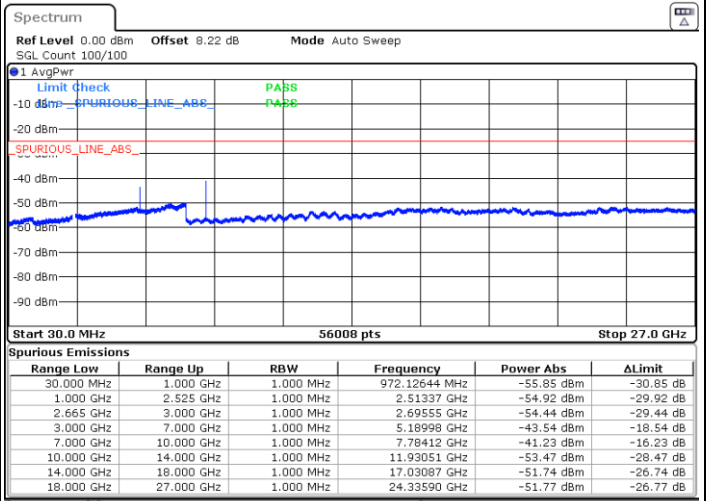
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



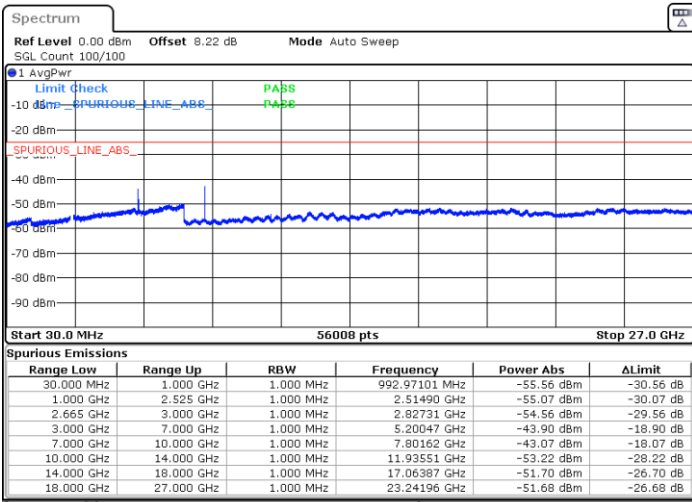
Date: 19.SEP.2022 16:48:46



Date: 19.SEP.2022 17:19:07

Highest Channel / 1RB99 and 1RB0

N/A



Date: 19.SEP.2022 17:08:34



Frequency Stability

Test Conditions		LTE Band 38C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0016	

Note:

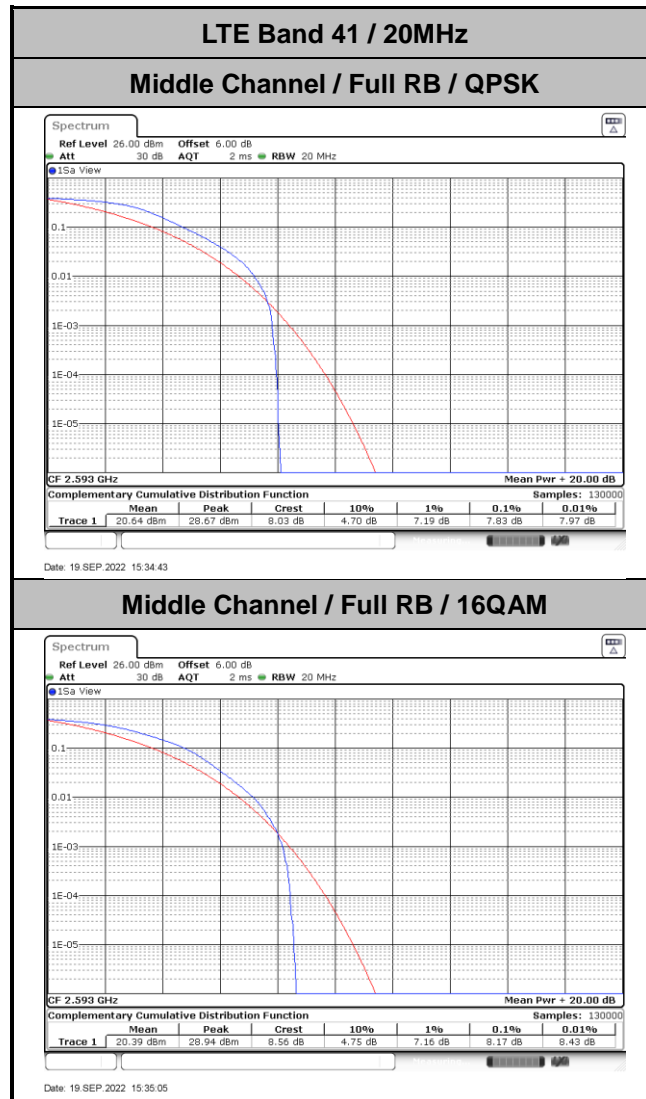
1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

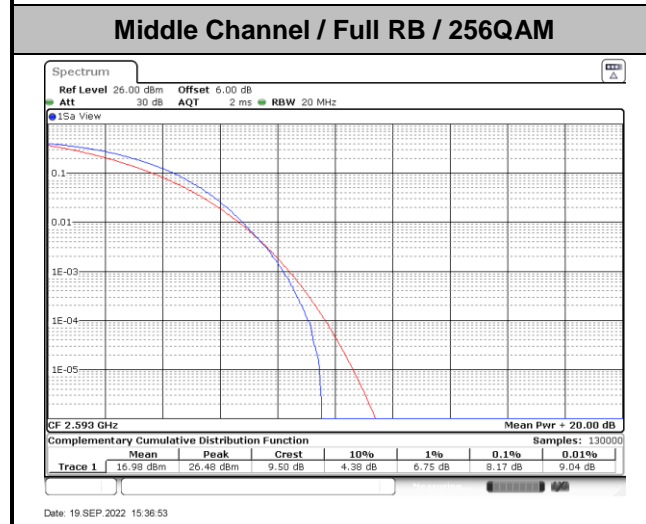
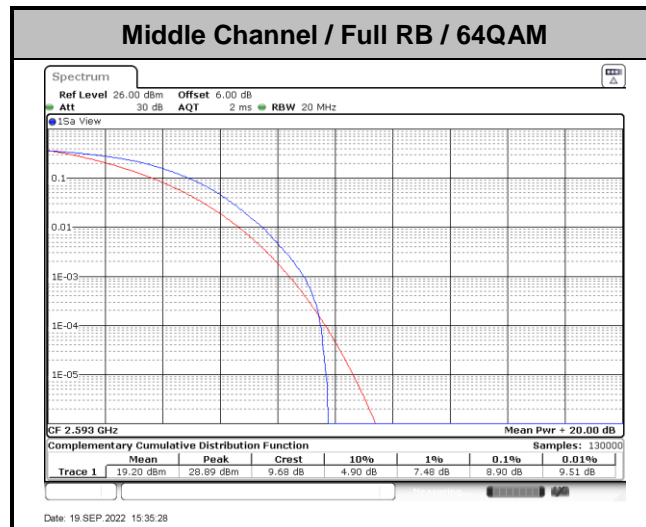


LTE Band 41(PA1 Main)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	7.83	8.17	8.90	8.17	PASS

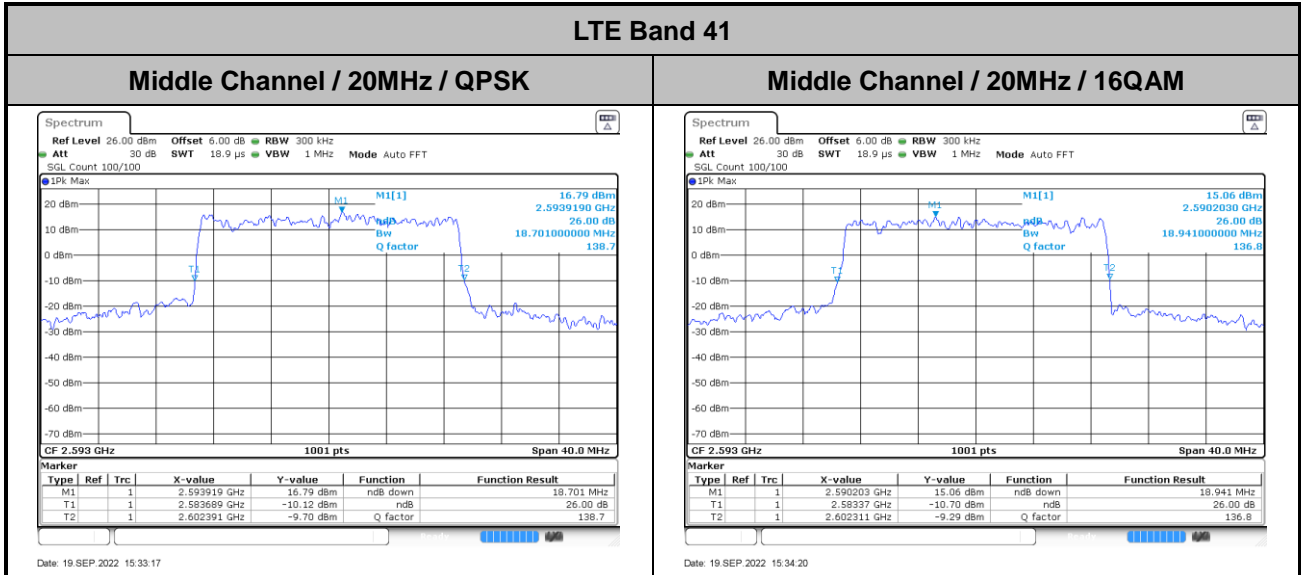






26dB Bandwidth

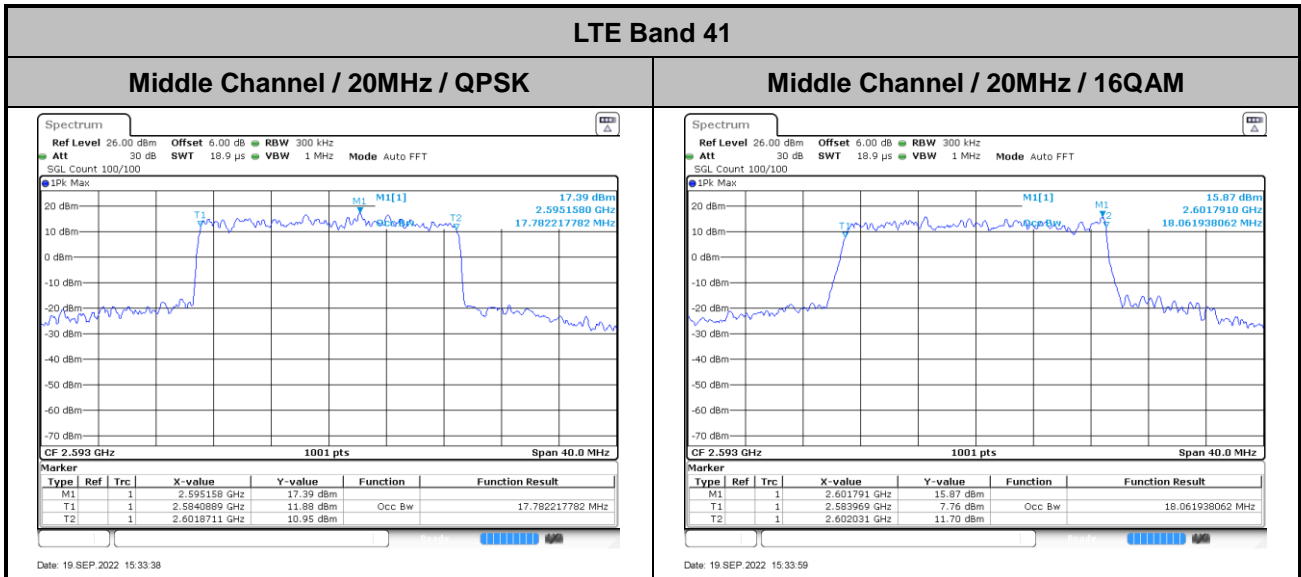
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.94





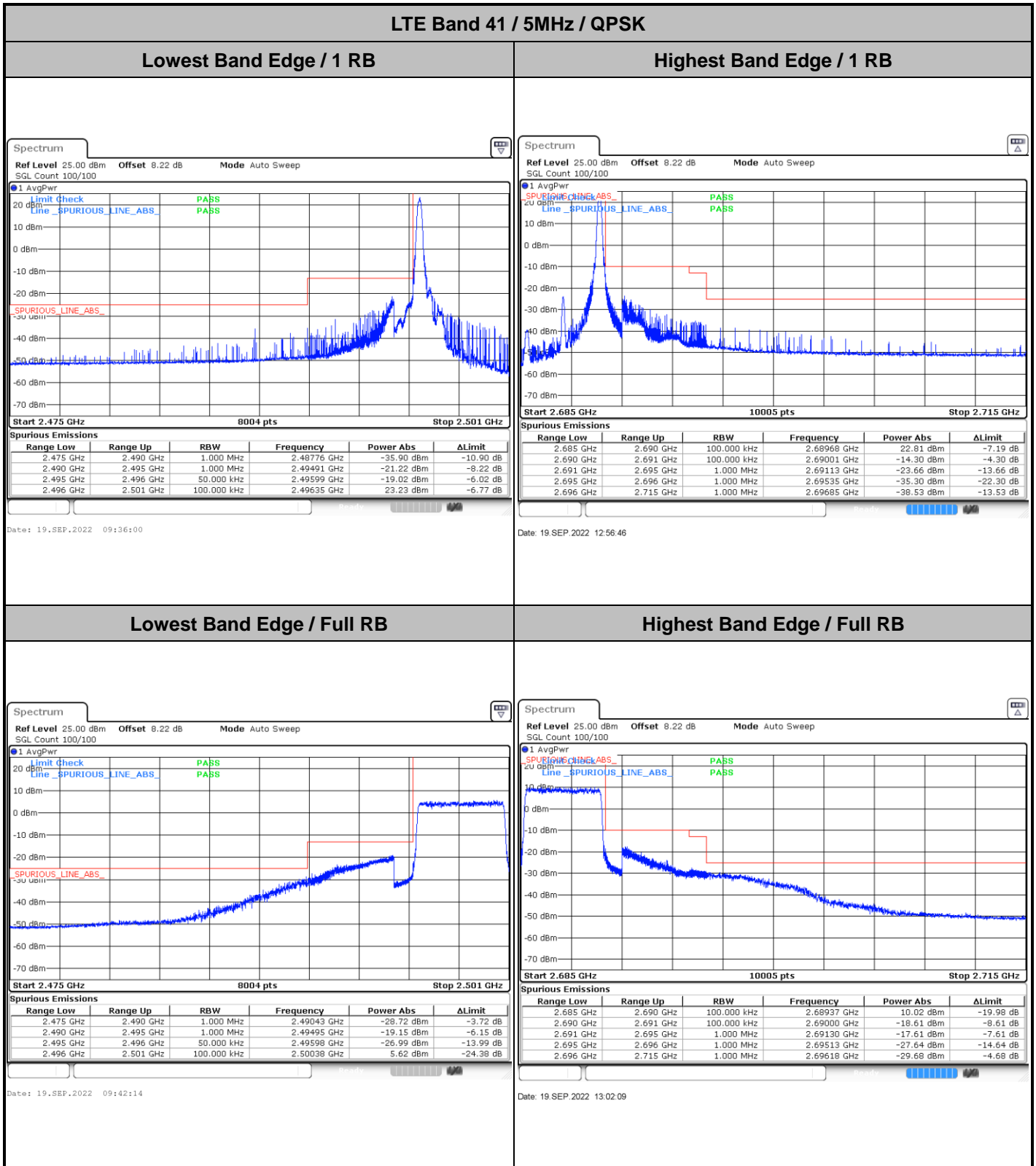
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.78	18.06





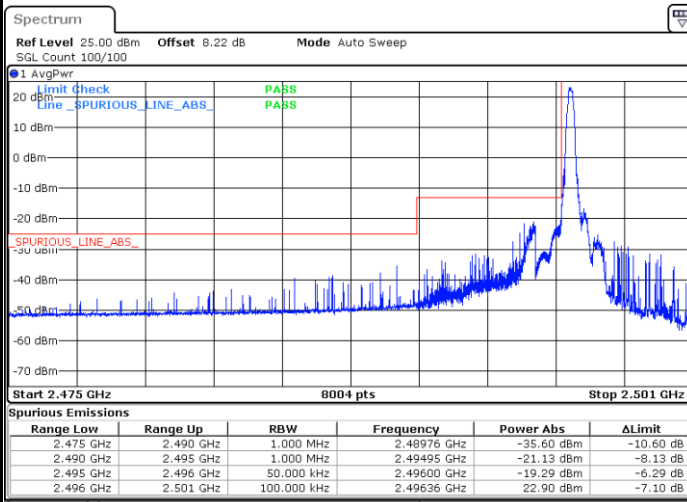
Conducted Band Edge





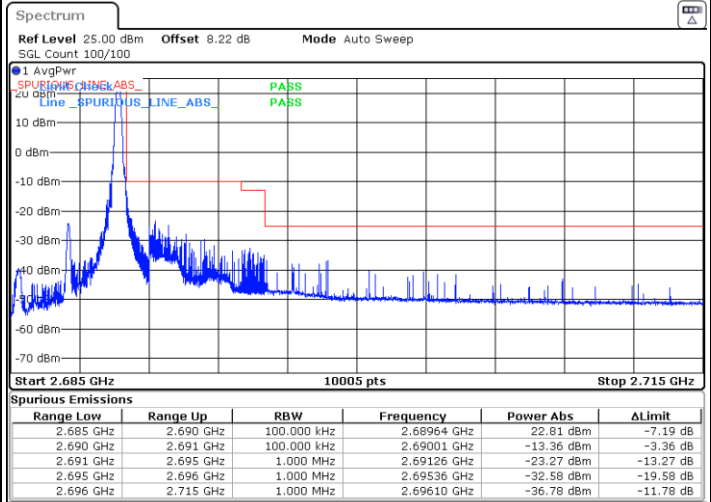
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



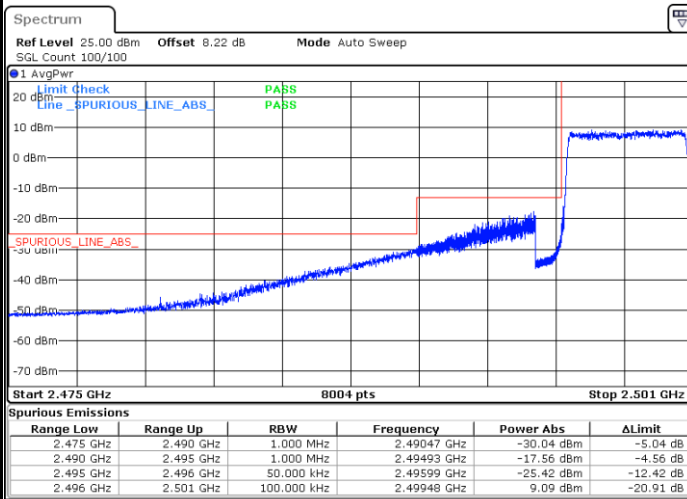
Date: 19_SEP.2022 09:37:23

Highest Band Edge / 1 RB



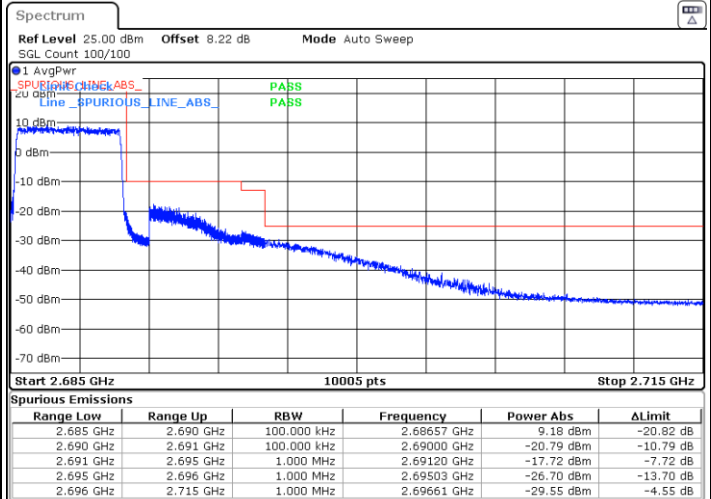
Date: 19_SEP.2022 12:58:07

Lowest Band Edge / Full RB



Date: 19_SEP.2022 09:43:37

Highest Band Edge / Full RB

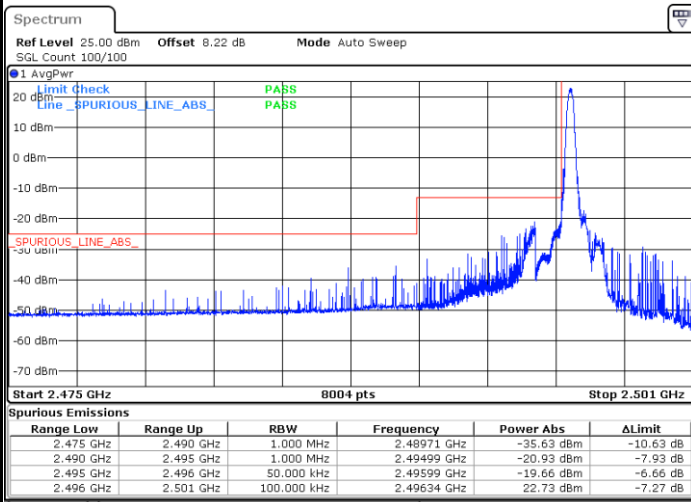


Date: 19_SEP.2022 13:03:30



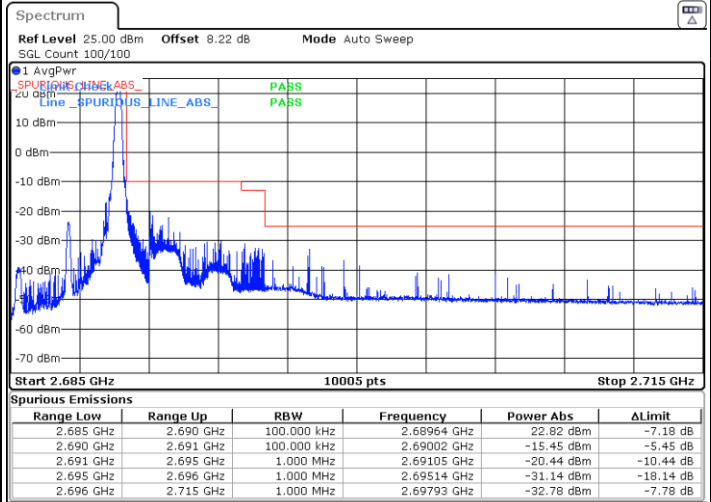
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



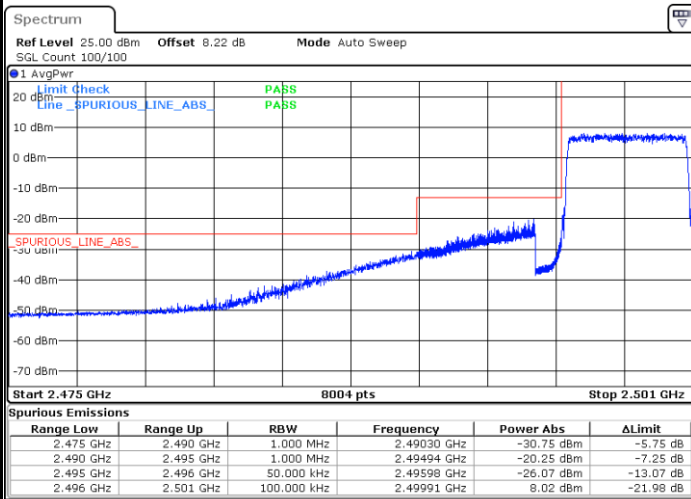
Date: 19_SEP.2022 09:38:45

Highest Band Edge / 1 RB



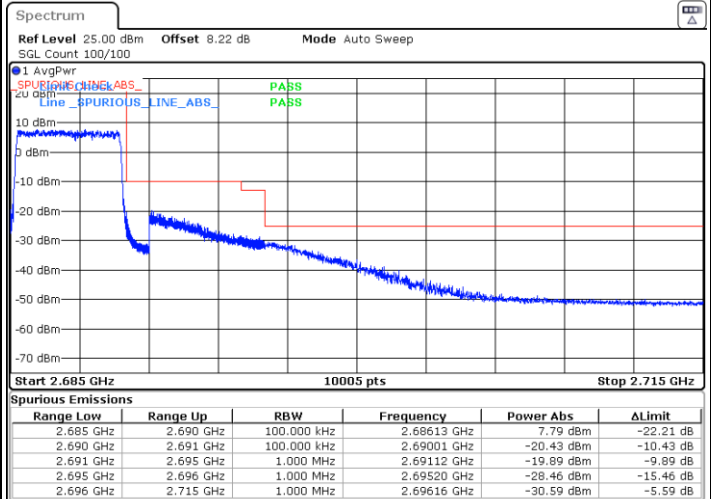
Date: 19_SEP.2022 12:59:28

Lowest Band Edge / Full RB



Date: 19_SEP.2022 09:45:00

Highest Band Edge / Full RB

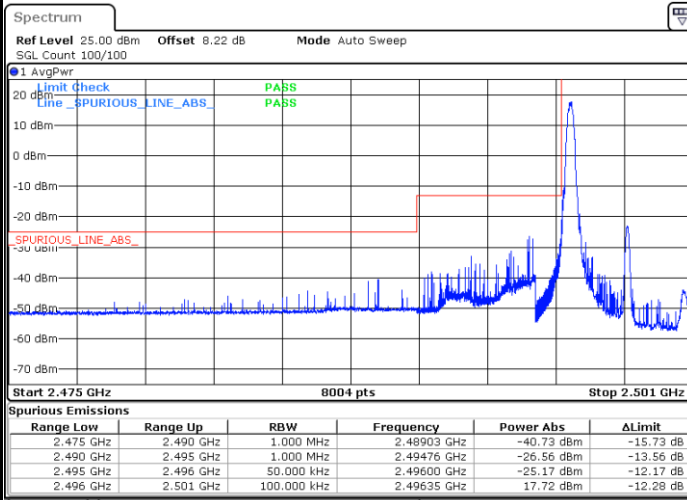


Date: 19_SEP.2022 13:04:51



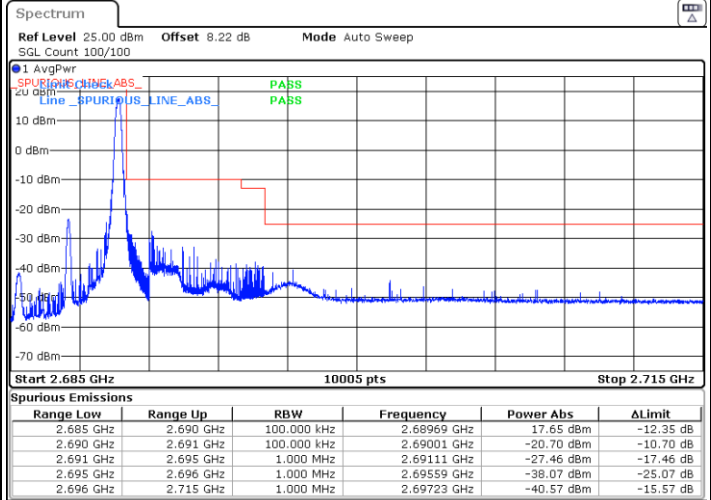
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



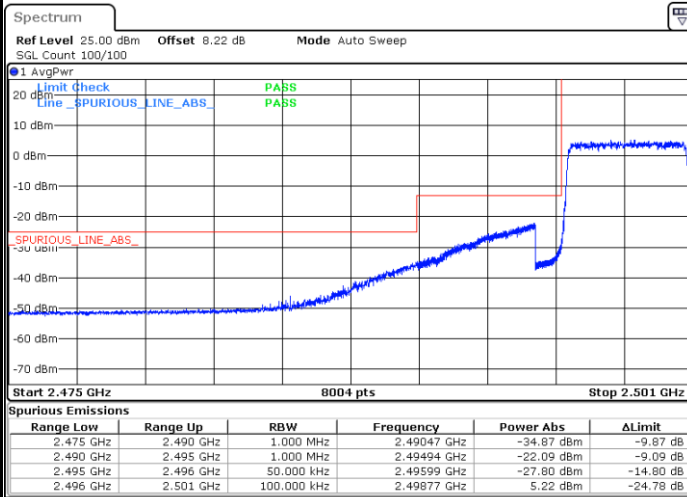
Date: 19_SEP.2022 09:40:08

Highest Band Edge / 1 RB



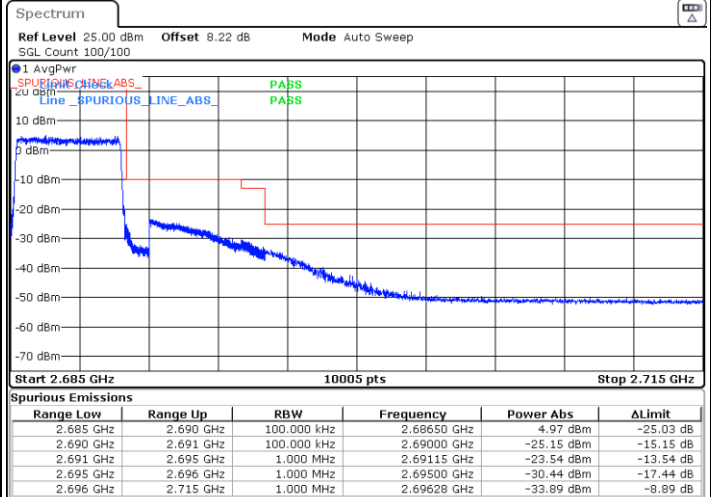
Date: 19_SEP.2022 13:00:49

Lowest Band Edge / Full RB



Date: 19_SEP.2022 09:46:22

Highest Band Edge / Full RB

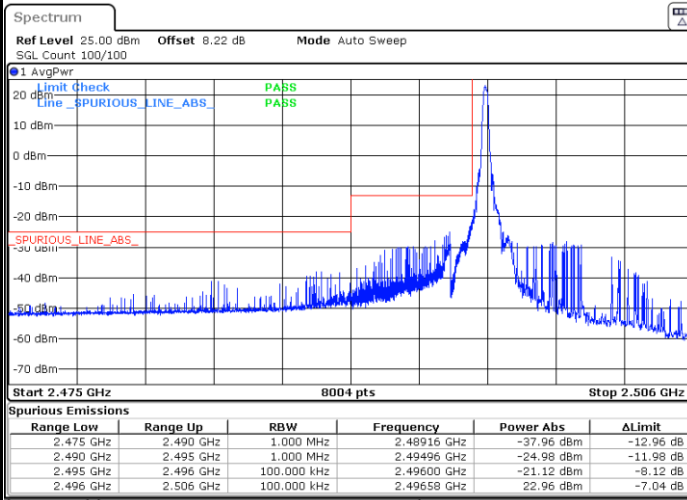


Date: 19_SEP.2022 13:06:12



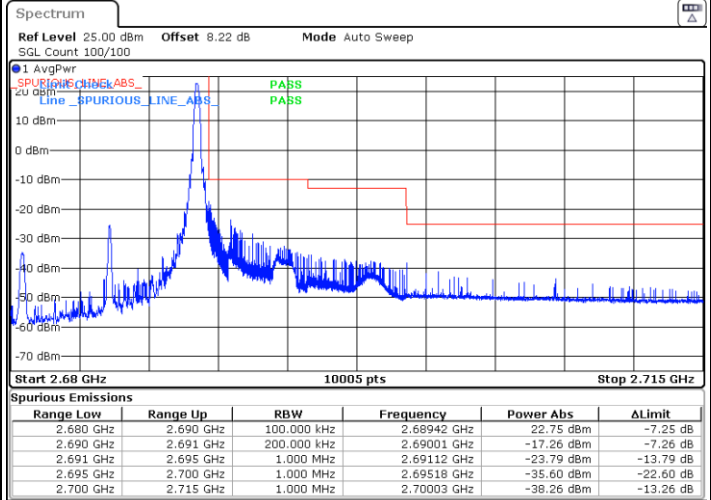
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



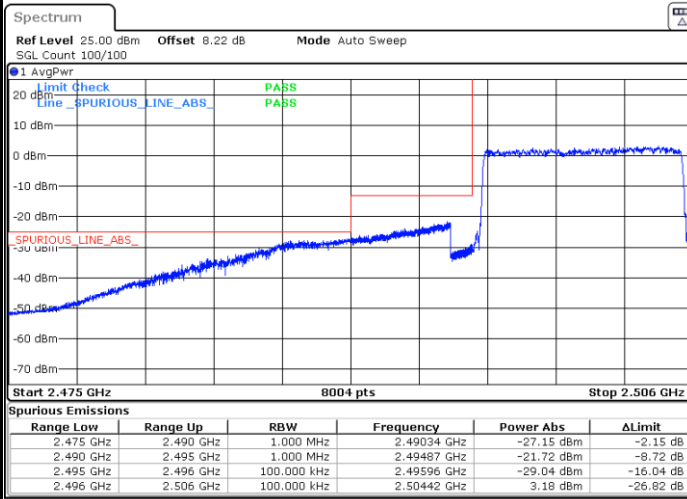
Date: 19 SEP 2022 14:03:32

Highest Band Edge / 1 RB



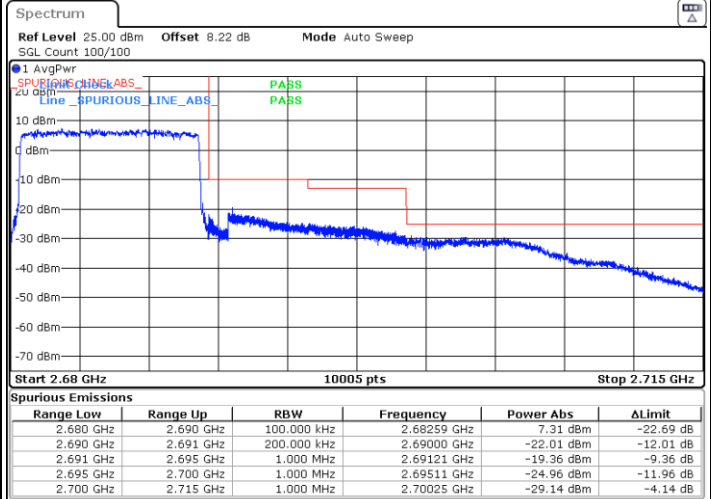
Date: 19 SEP 2022 14:17:04

Lowest Band Edge / Full RB



Date: 19 SEP 2022 14:08:59

Highest Band Edge / Full RB

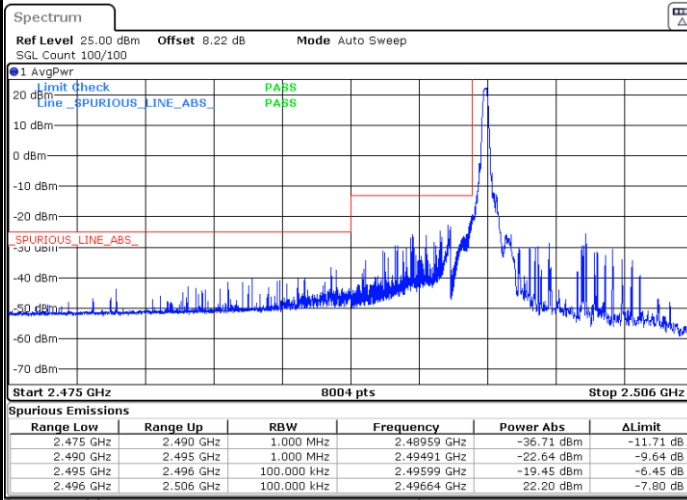


Date: 19 SEP 2022 14:22:27



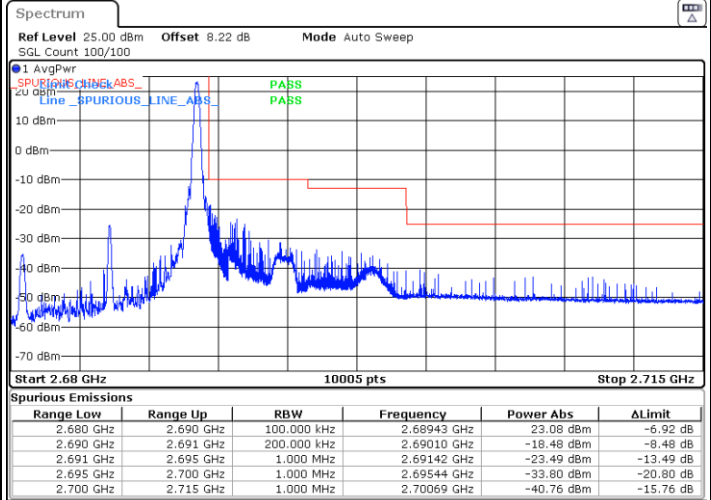
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



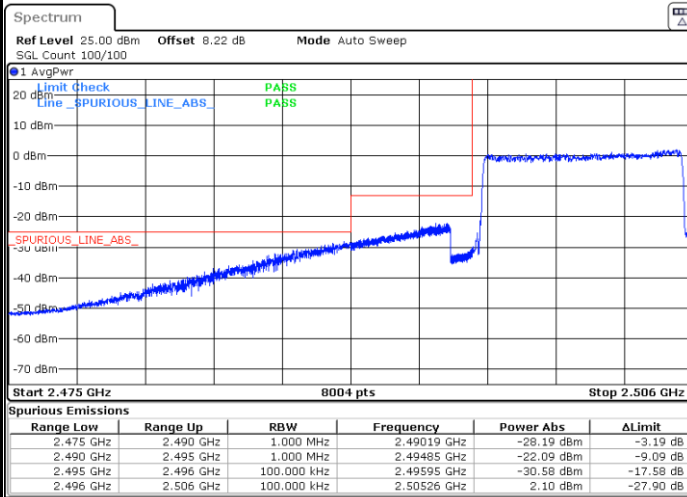
Date: 19 SEP 2022 14:04:53

Highest Band Edge / 1 RB



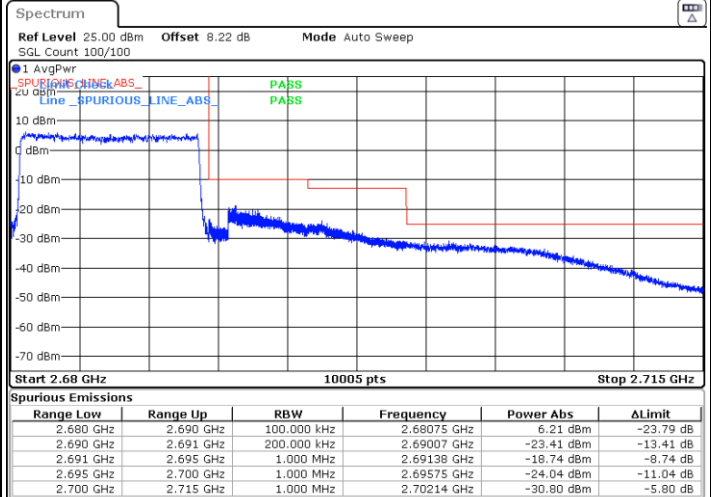
Date: 19 SEP 2022 14:18:25

Lowest Band Edge / Full RB



Date: 19 SEP 2022 14:10:20

Highest Band Edge / Full RB

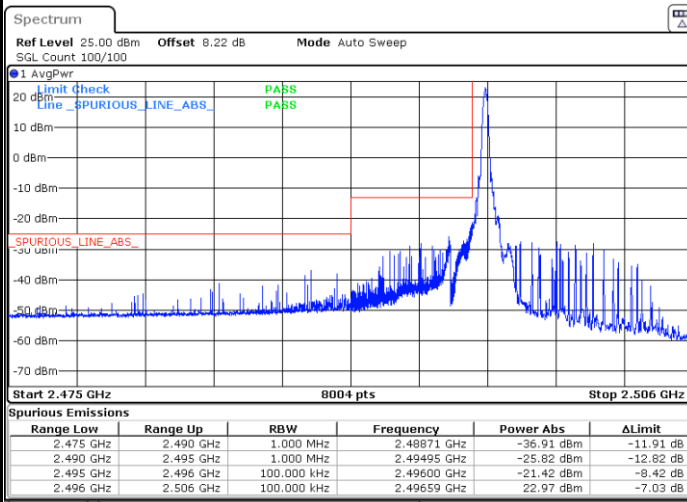


Date: 19 SEP 2022 14:23:49



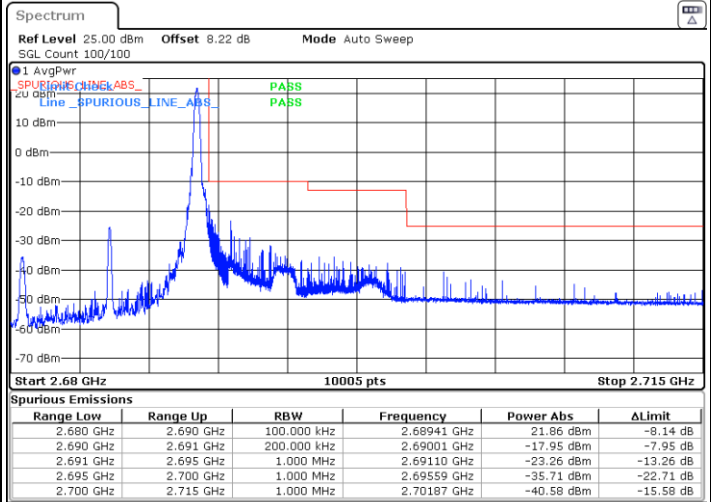
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



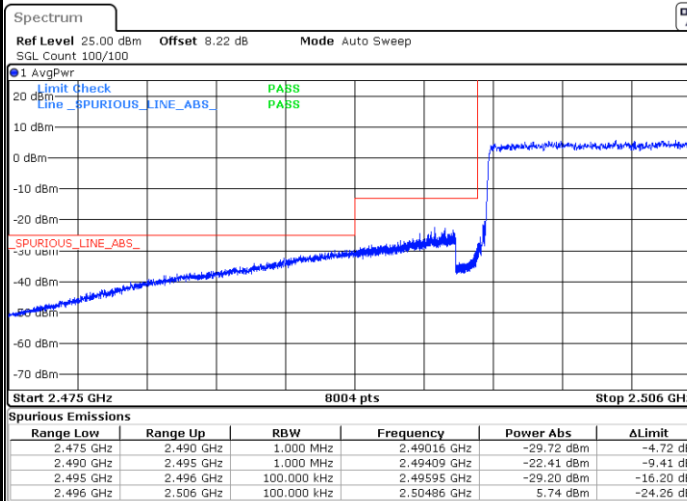
Date: 19 SEP.2022 14:06:14

Highest Band Edge / 1 RB



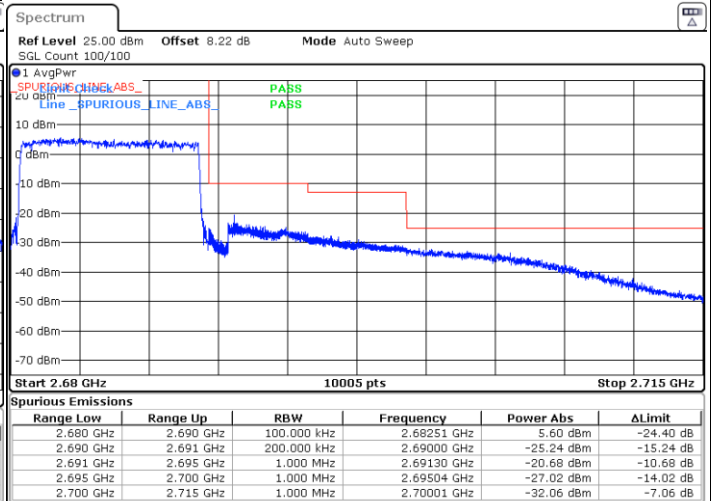
Date: 19 SEP.2022 14:19:46

Lowest Band Edge / Full RB



Date: 19 SEP.2022 14:11:41

Highest Band Edge / Full RB

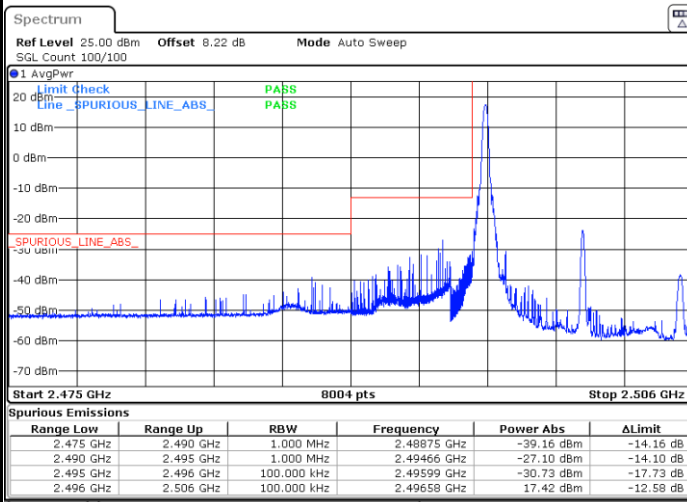


Date: 19 SEP.2022 14:25:10



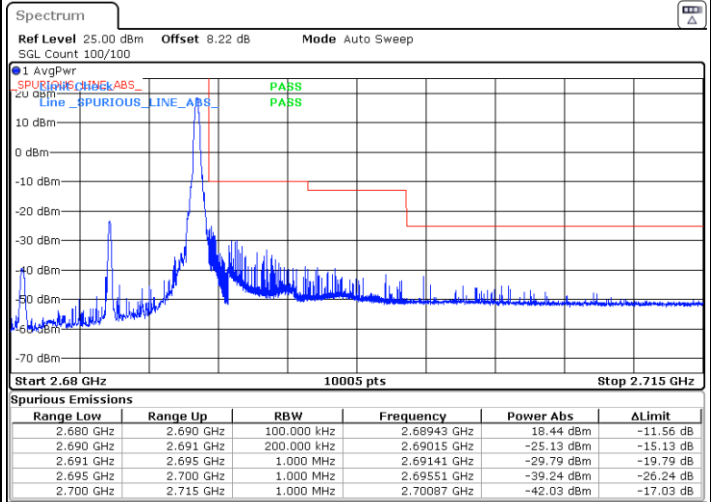
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



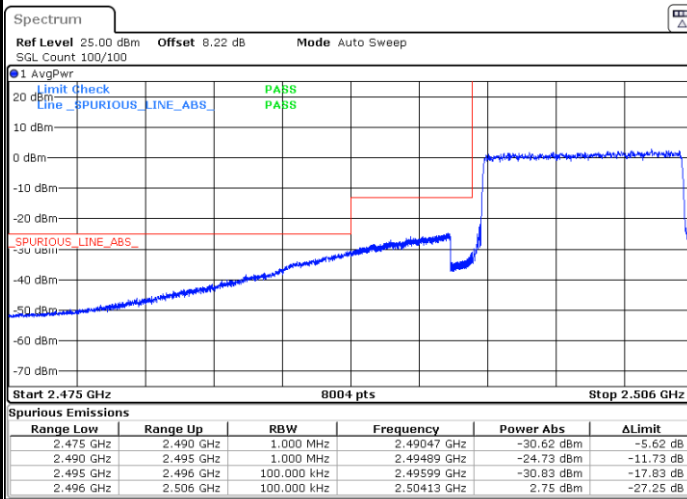
Date: 19 SEP 2022 14:07:35

Highest Band Edge / 1 RB



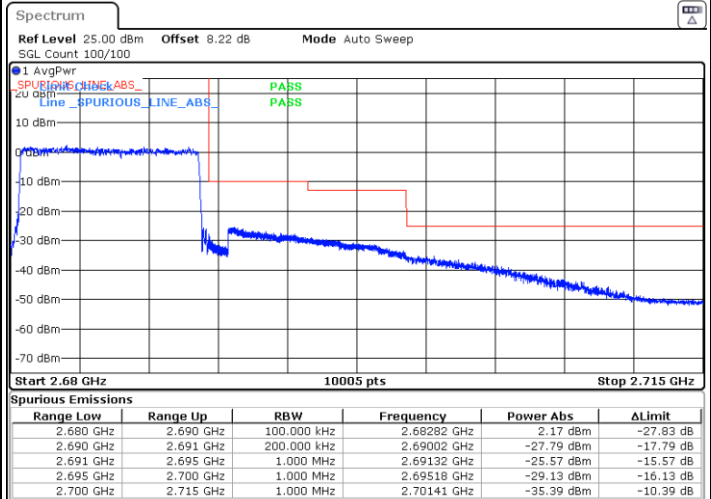
Date: 19 SEP 2022 14:21:06

Lowest Band Edge / Full RB



Date: 19 SEP 2022 14:13:02

Highest Band Edge / Full RB

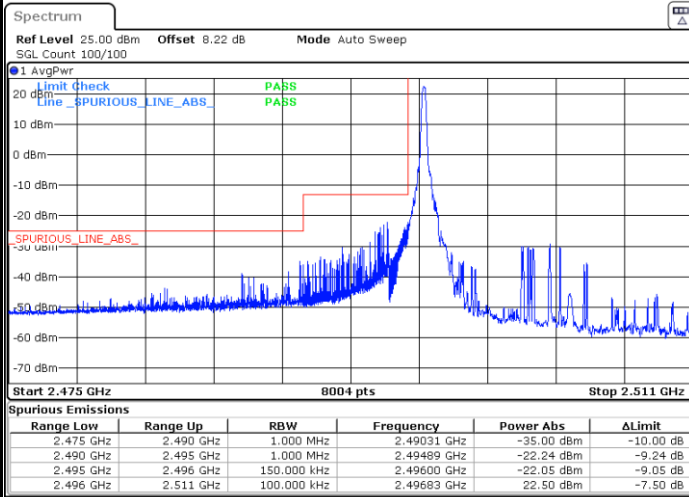


Date: 19 SEP 2022 14:26:30



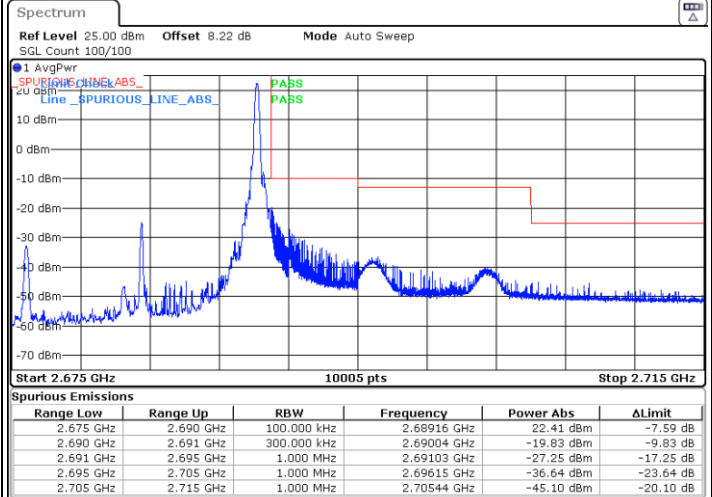
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



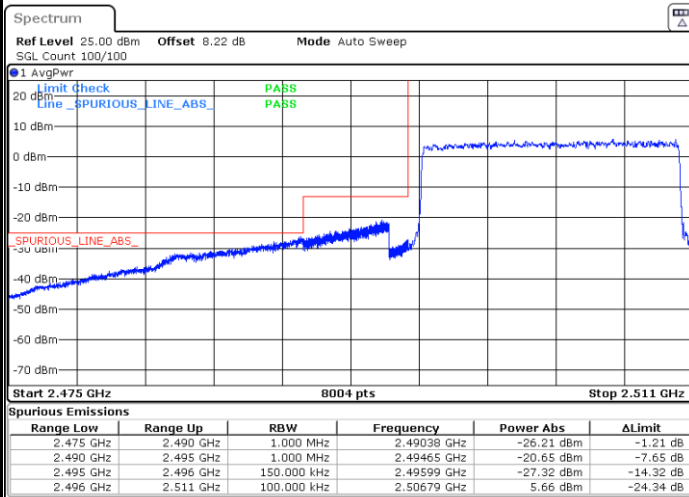
Date: 19.SEP.2022 14:40:45

Highest Band Edge / 1 RB



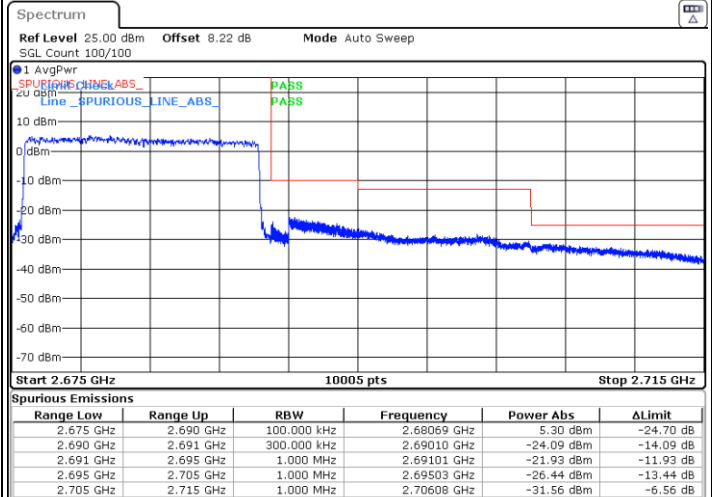
Date: 19.SEP.2022 14:54:16

Lowest Band Edge / Full RB



Date: 19.SEP.2022 14:46:12

Highest Band Edge / Full RB

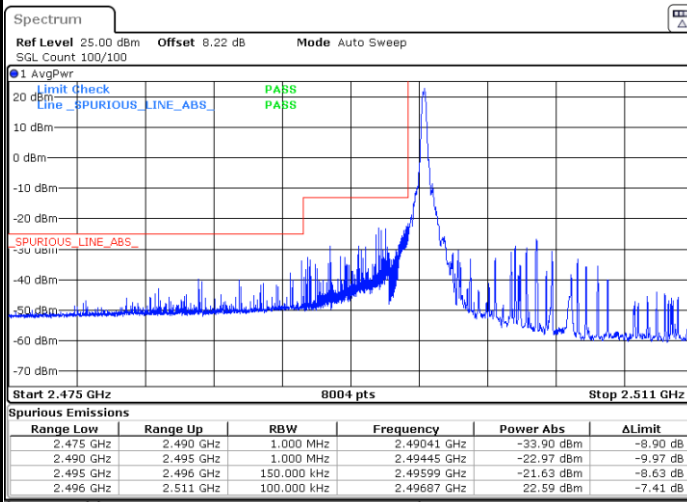


Date: 19.SEP.2022 14:59:41



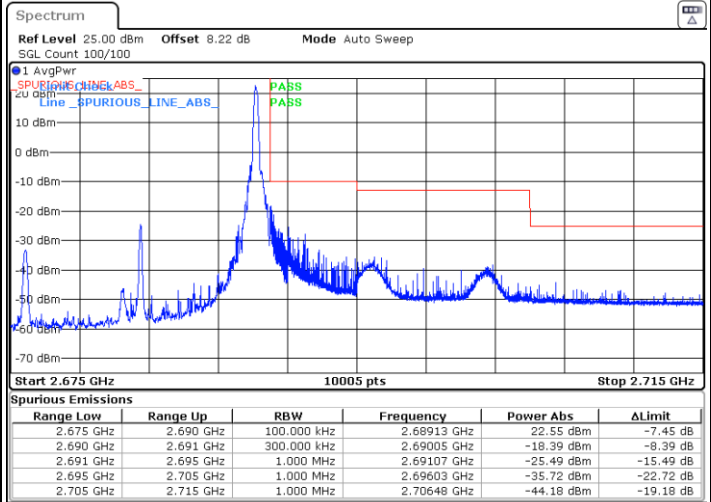
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



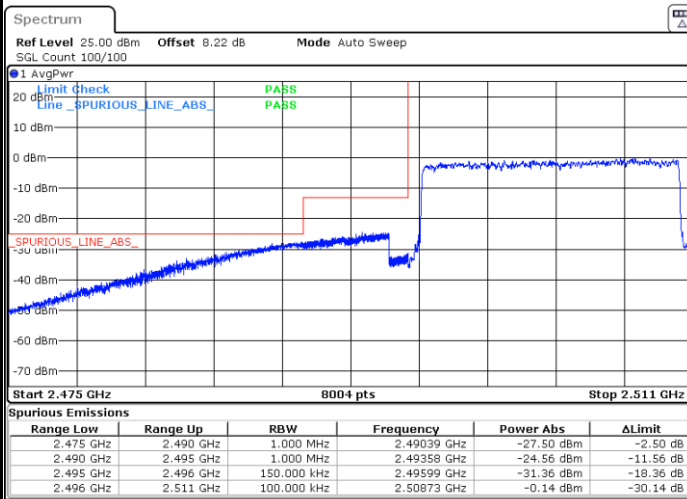
Date: 19.SEP.2022 14:42:06

Highest Band Edge / 1 RB



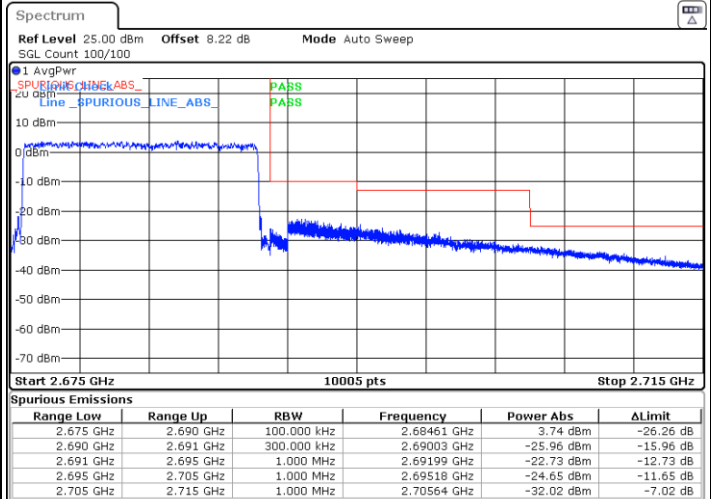
Date: 19.SEP.2022 14:55:37

Lowest Band Edge / Full RB



Date: 19.SEP.2022 14:47:33

Highest Band Edge / Full RB



Date: 19.SEP.2022 15:01:04