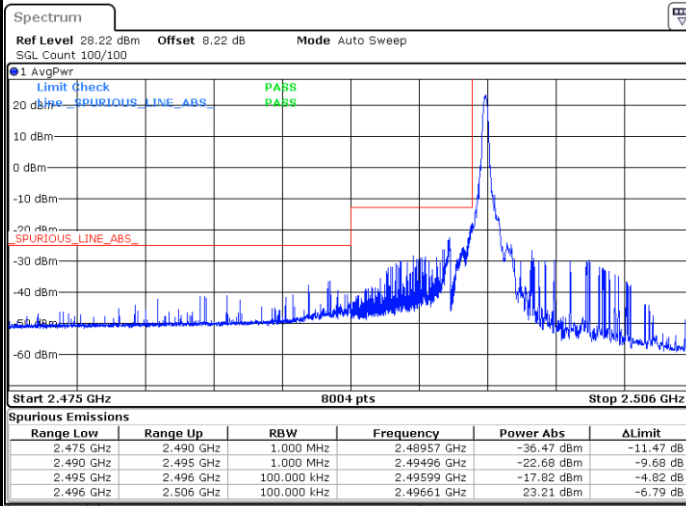




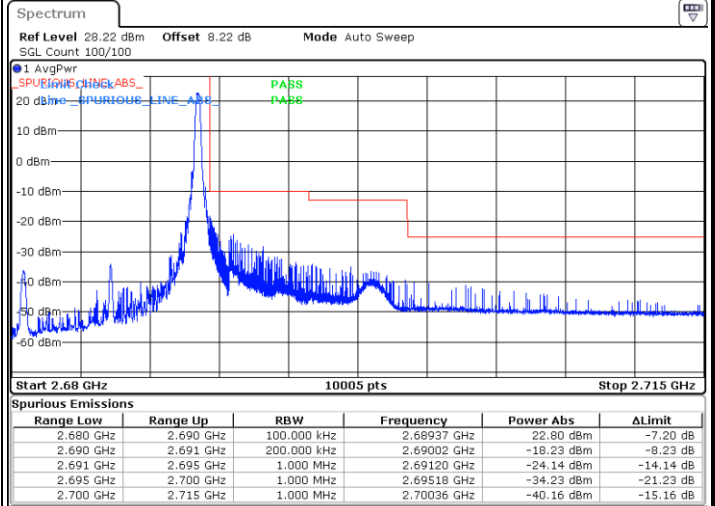
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



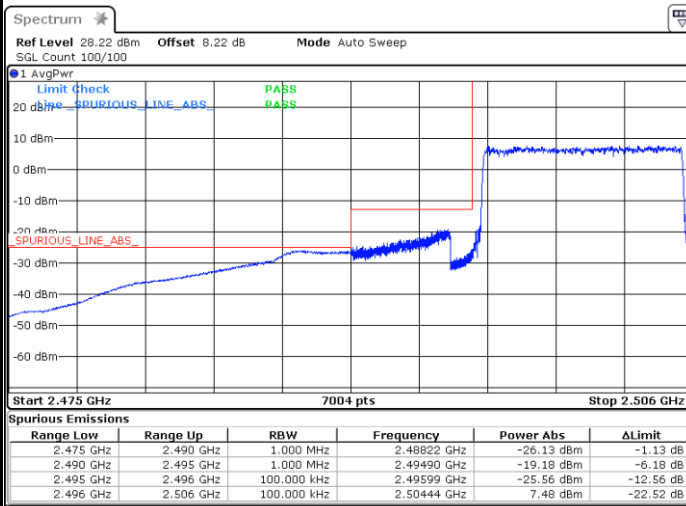
Date: 21.SEP.2022 13:46:25

Highest Band Edge / 1 RB



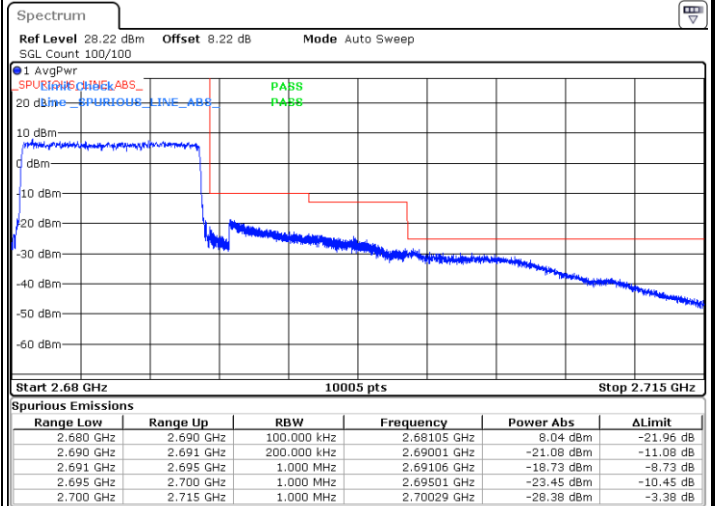
Date: 21.SEP.2022 14:00:46

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:34:46

Highest Band Edge / Full RB

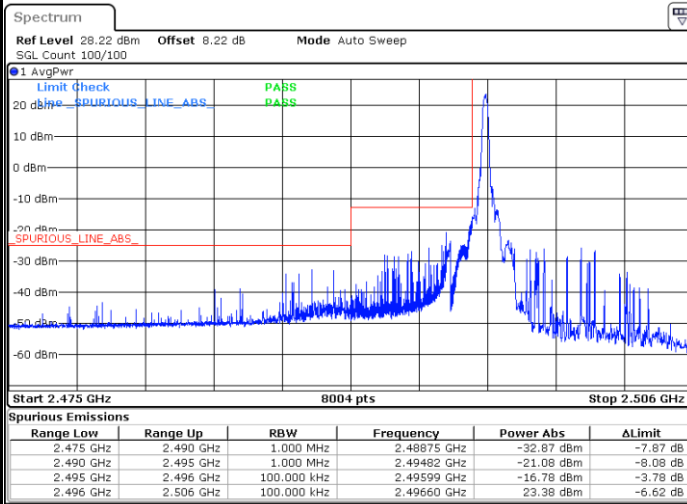


Date: 21.SEP.2022 14:10:15



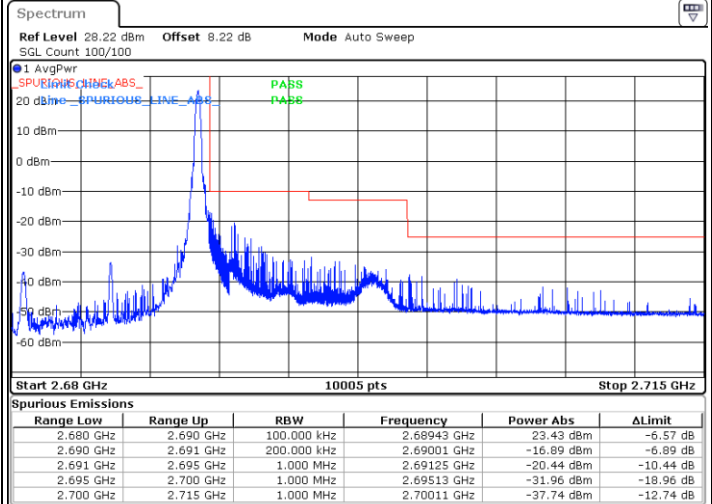
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



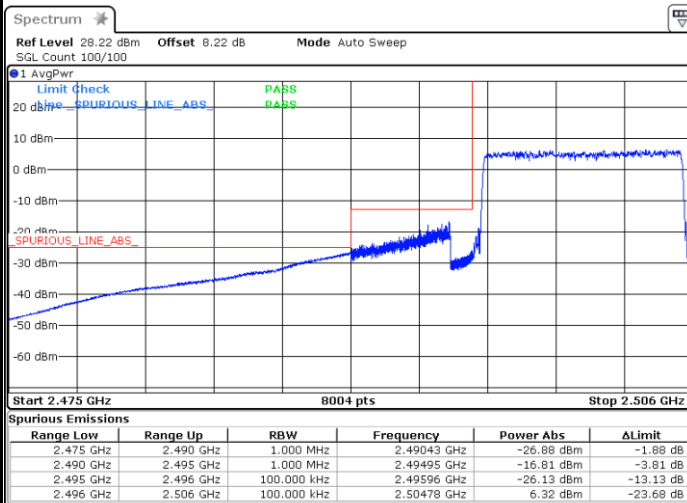
Date: 21.SEP.2022 13:47:45

Highest Band Edge / 1 RB



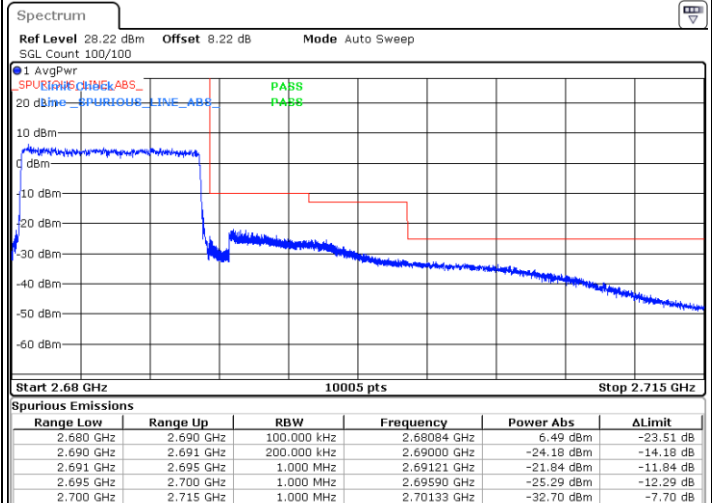
Date: 21.SEP.2022 14:02:06

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:30:43

Highest Band Edge / Full RB

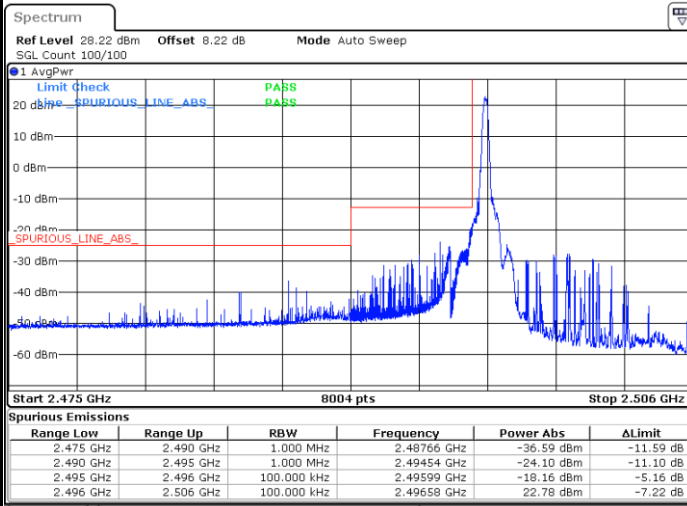


Date: 21.SEP.2022 14:07:34



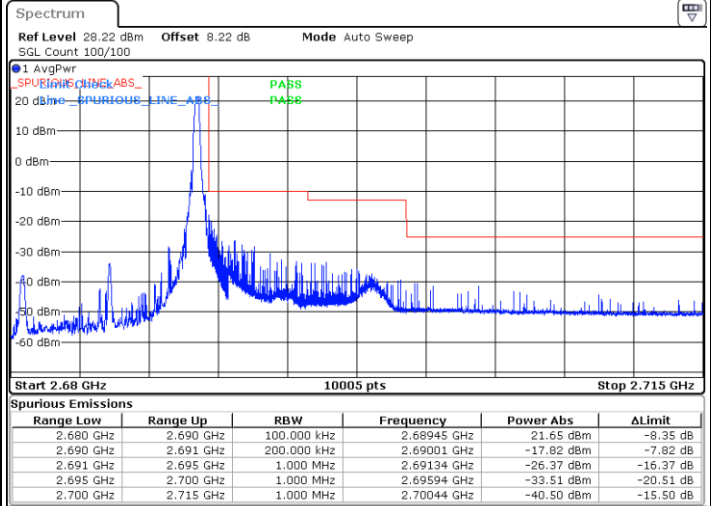
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



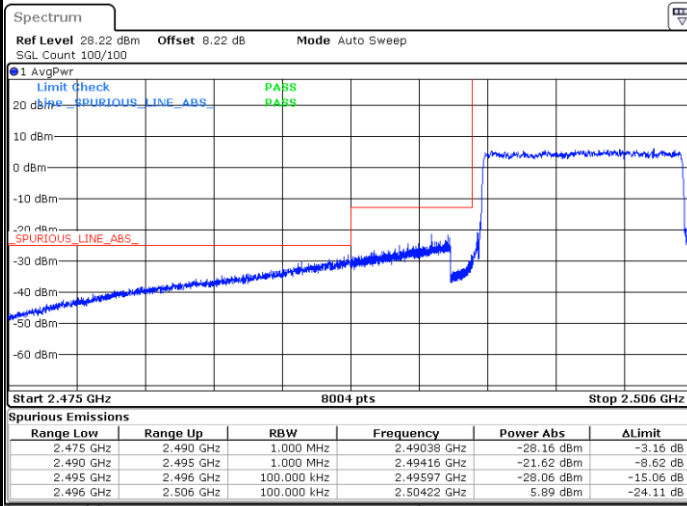
Date: 21.SEP.2022 13:49:06

Highest Band Edge / 1 RB



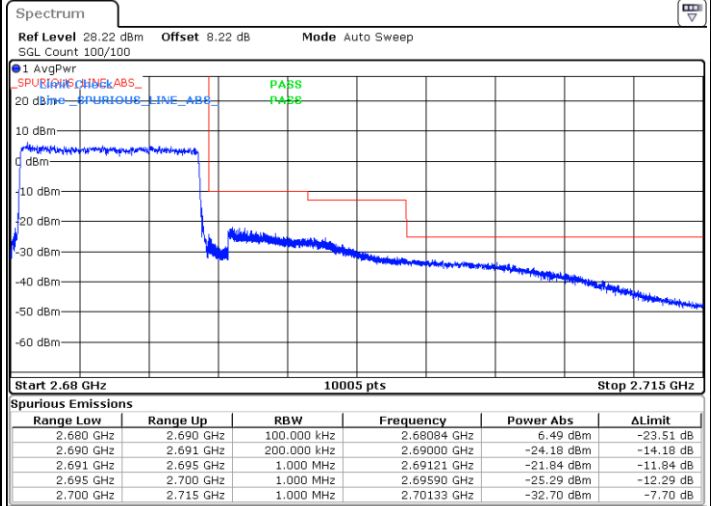
Date: 21.SEP.2022 14:03:27

Lowest Band Edge / Full RB



Date: 21.SEP.2022 13:54:04

Highest Band Edge / Full RB

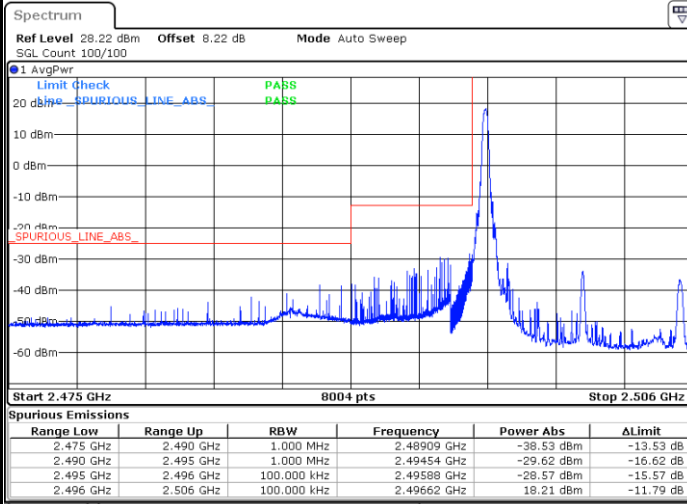


Date: 21.SEP.2022 14:07:34



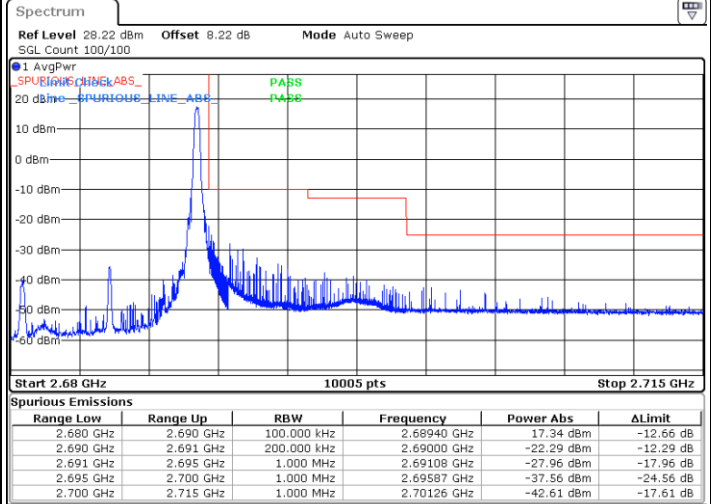
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



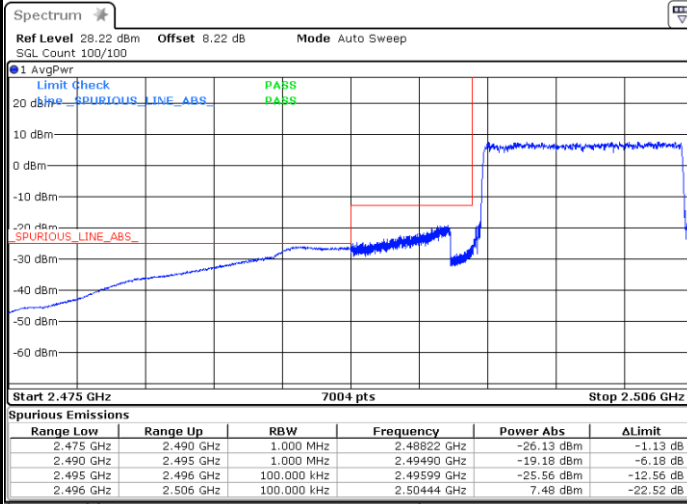
Date: 21.SEP.2022 13:50:27

Highest Band Edge / 1 RB



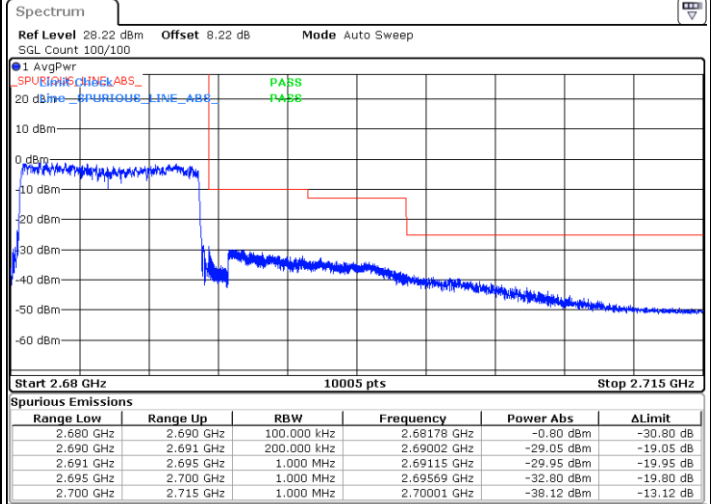
Date: 21.SEP.2022 14:04:48

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:34:46

Highest Band Edge / Full RB

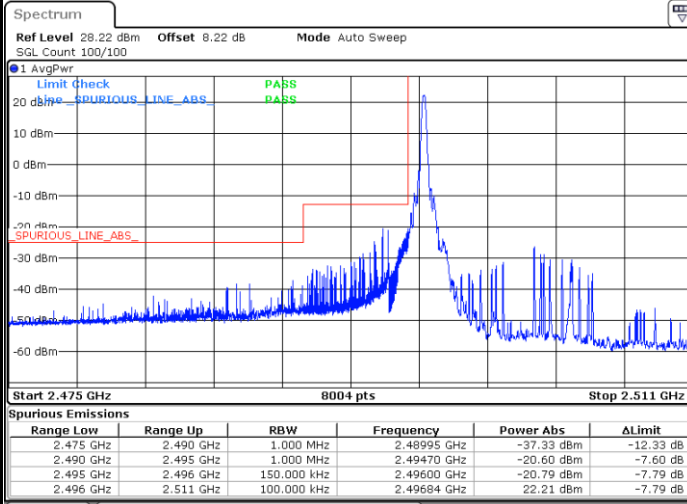


Date: 21.SEP.2022 14:06:11



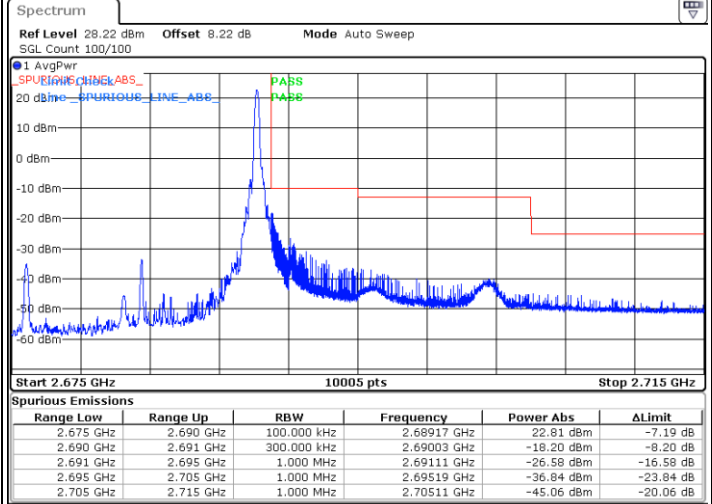
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



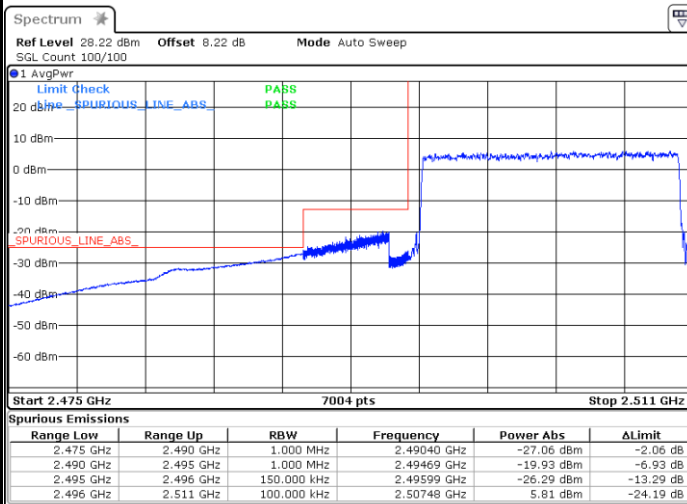
Date: 21.SEP.2022 14:12:57

Highest Band Edge / 1 RB



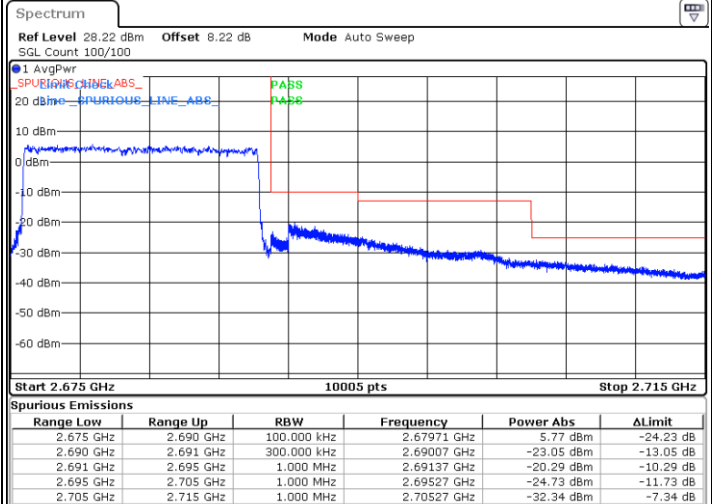
Date: 21.SEP.2022 14:28:42

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:36:27

Highest Band Edge / Full RB

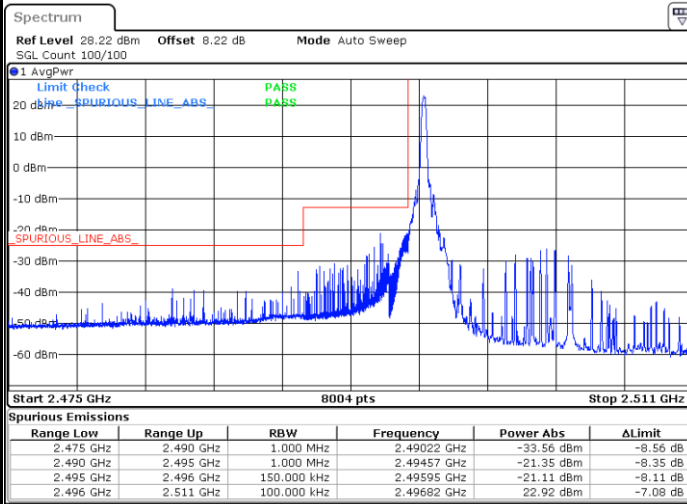


Date: 21.SEP.2022 14:38:11



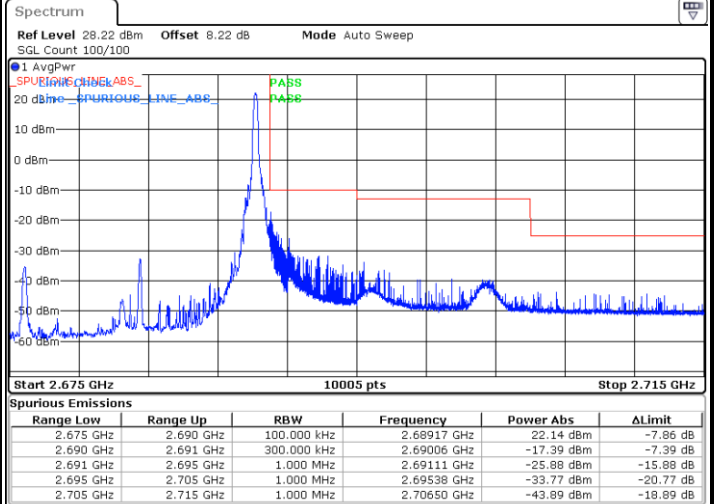
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



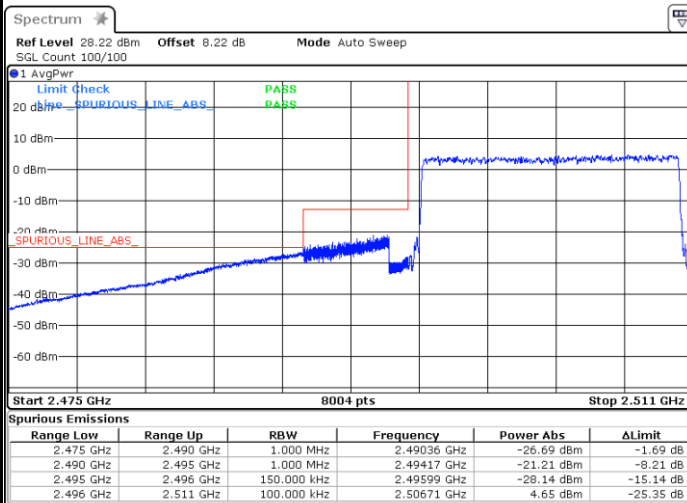
Date: 21.SEP.2022 14:14:18

Highest Band Edge / 1 RB



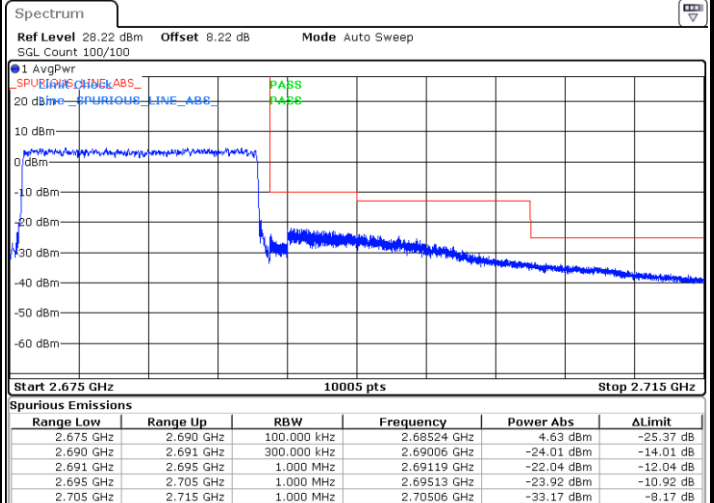
Date: 21.SEP.2022 14:30:03

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:37:17

Highest Band Edge / Full RB

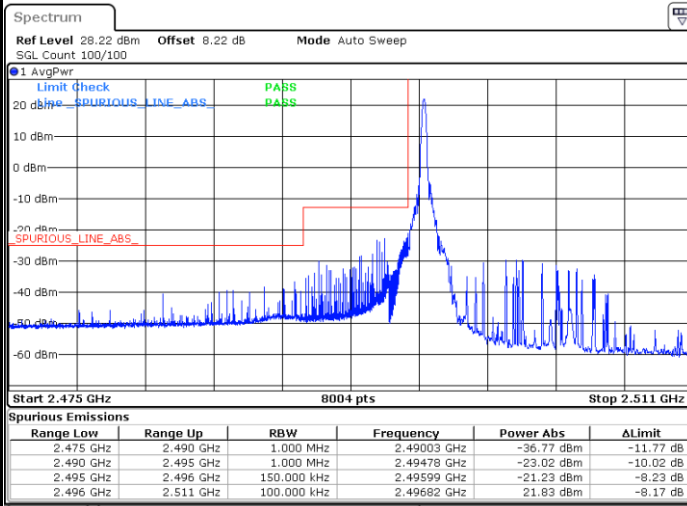


Date: 21.SEP.2022 14:36:51



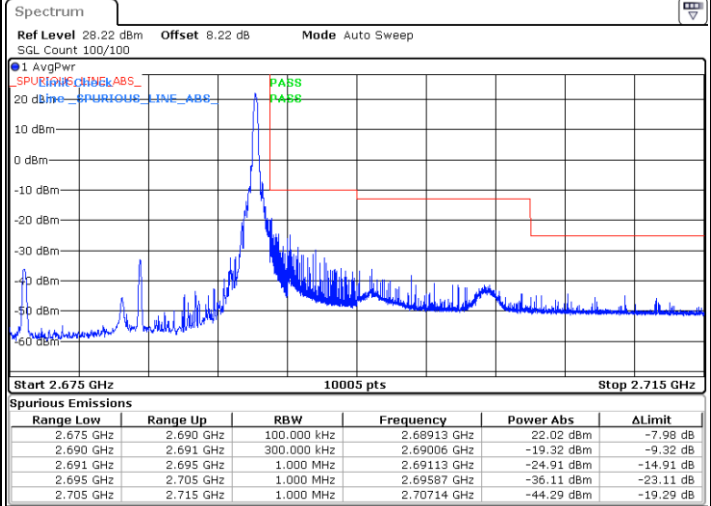
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



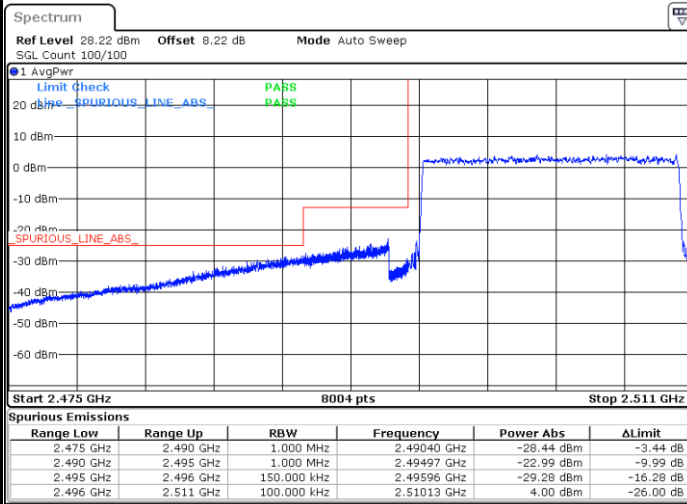
Date: 21.SEP.2022 14:15:38

Highest Band Edge / 1 RB



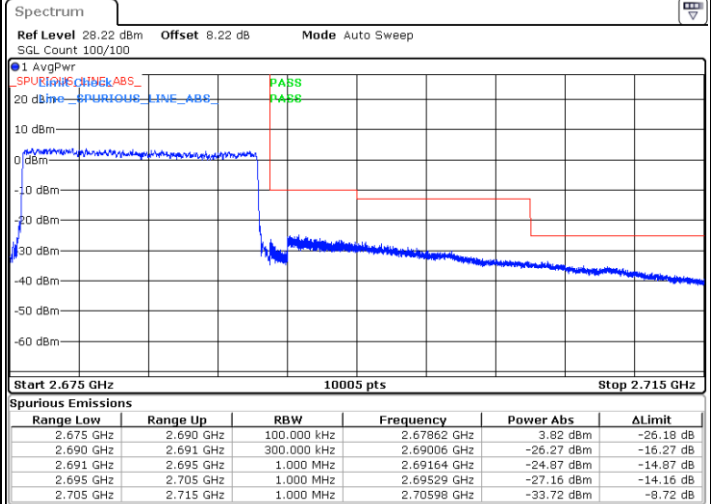
Date: 21.SEP.2022 14:31:23

Lowest Band Edge / Full RB



Date: 21.SEP.2022 14:21:59

Highest Band Edge / Full RB

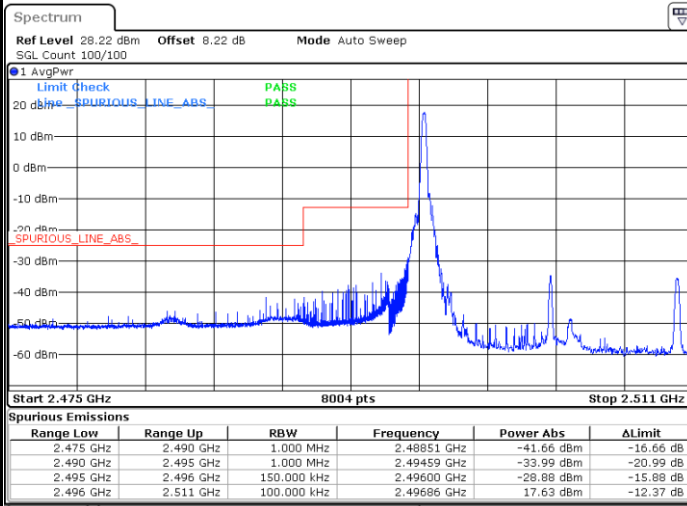


Date: 21.SEP.2022 14:35:30



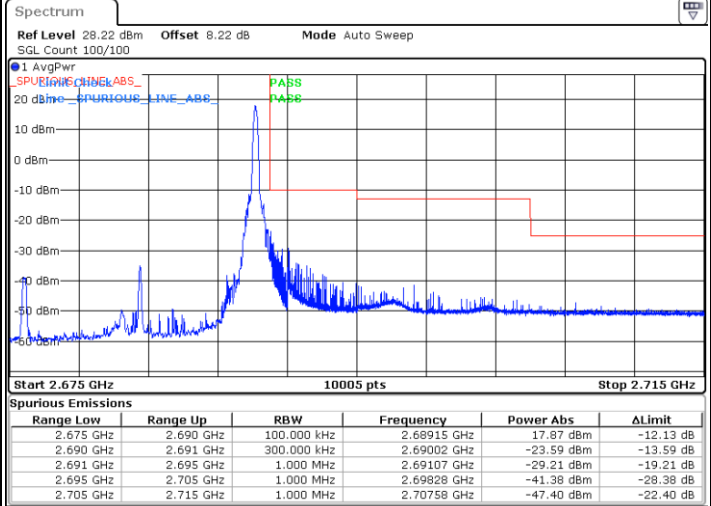
LTE Band 41 / 15MHz /256QAM

Lowest Band Edge / 1 RB



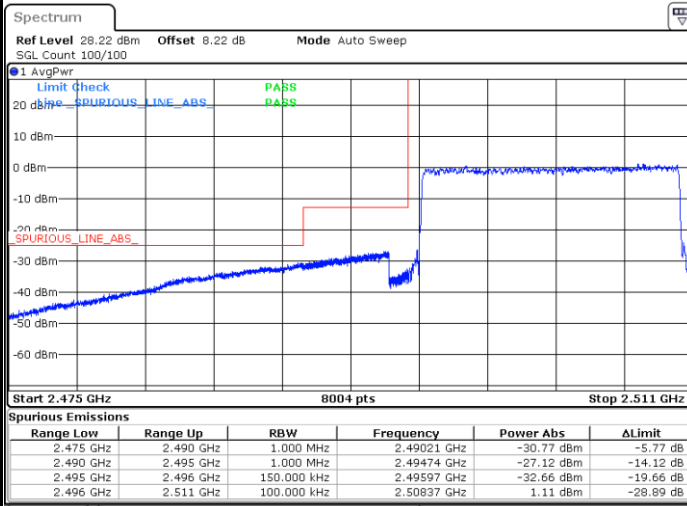
Date: 21.SEP.2022 14:16:59

Highest Band Edge / 1 RB



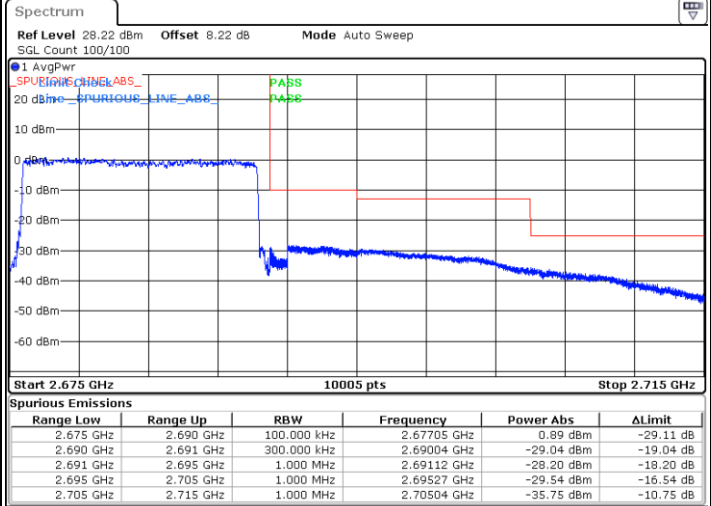
Date: 21.SEP.2022 14:32:44

Lowest Band Edge / Full RB



Date: 21.SEP.2022 14:20:36

Highest Band Edge / Full RB



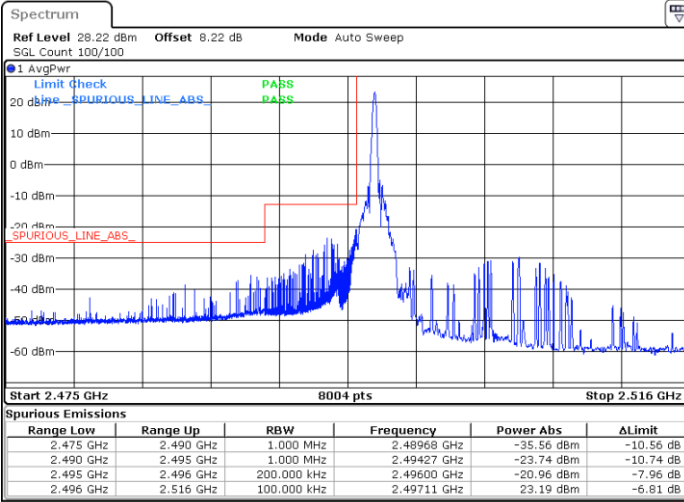
Date: 21.SEP.2022 14:34:07



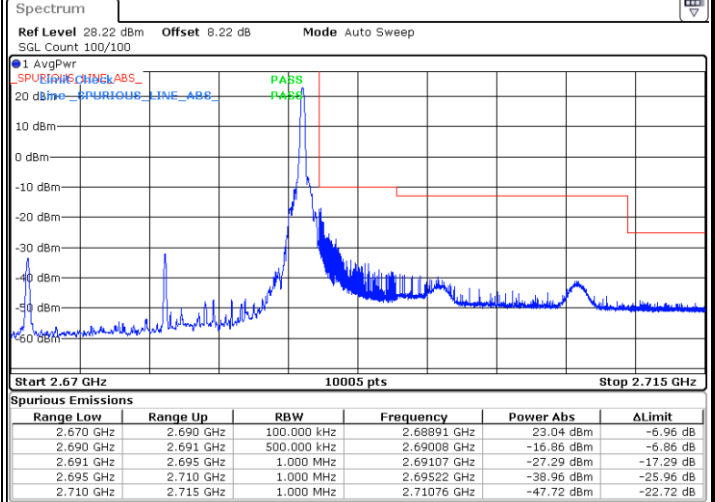
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



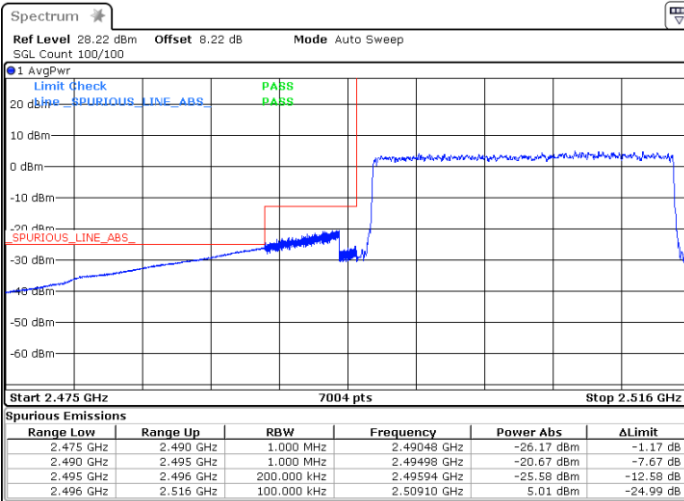
Date: 21.SEP.2022 14:40:53



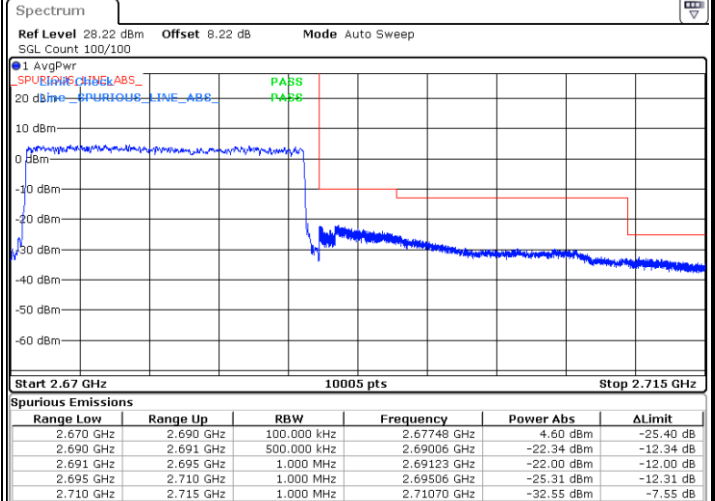
Date: 21.SEP.2022 14:58:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.SEP.2022 15:42:01

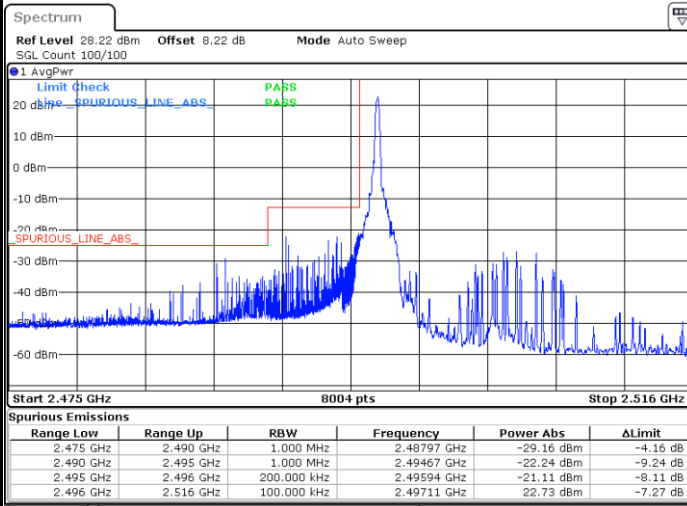


Date: 21.SEP.2022 15:08:45



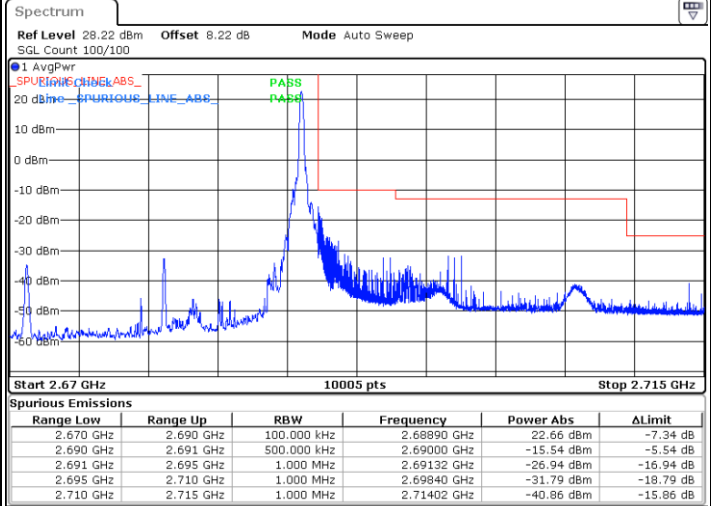
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



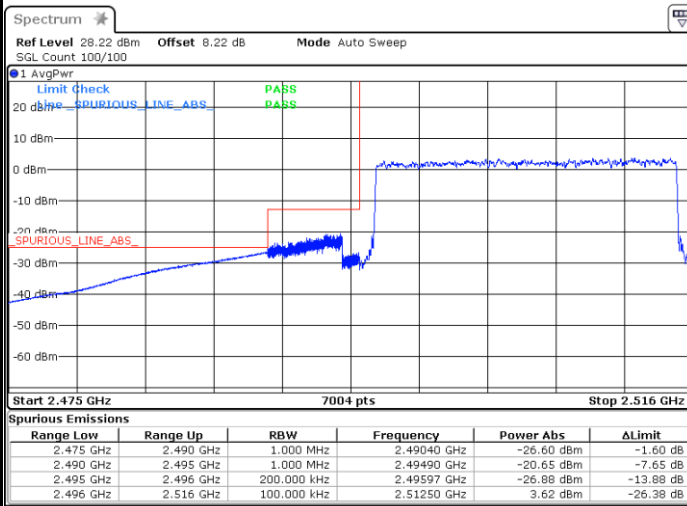
Date: 21.SEP.2022 14:42:14

Highest Band Edge / 1 RB



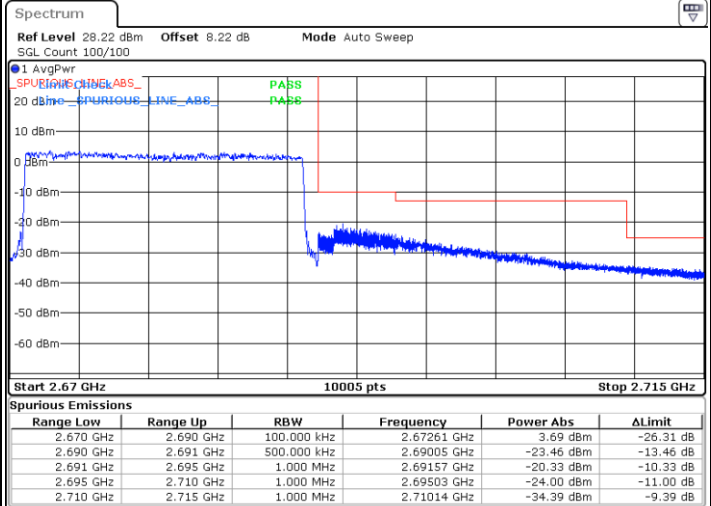
Date: 21.SEP.2022 15:00:36

Lowest Band Edge / Full RB



Date: 21.SEP.2022 15:44:13

Highest Band Edge / Full RB

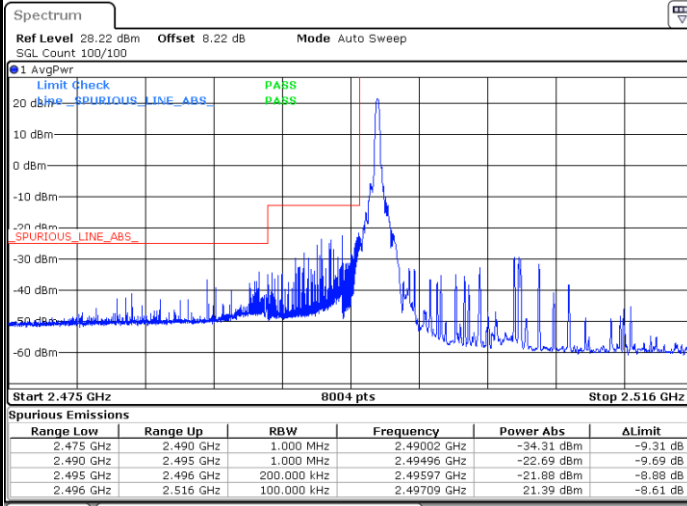


Date: 21.SEP.2022 15:07:24



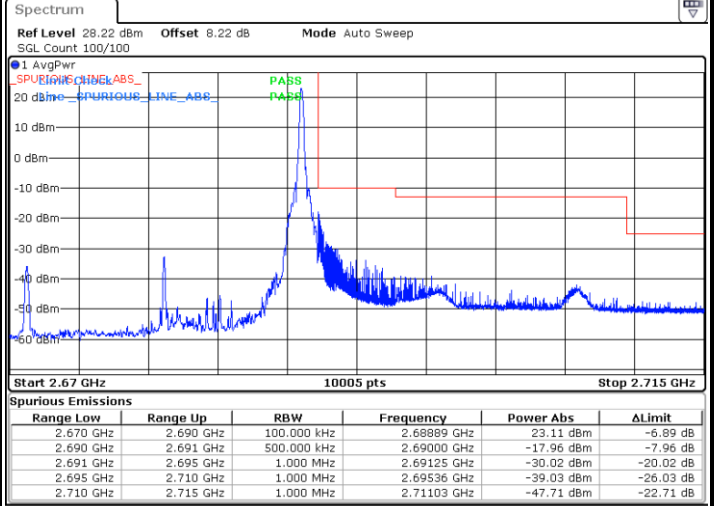
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



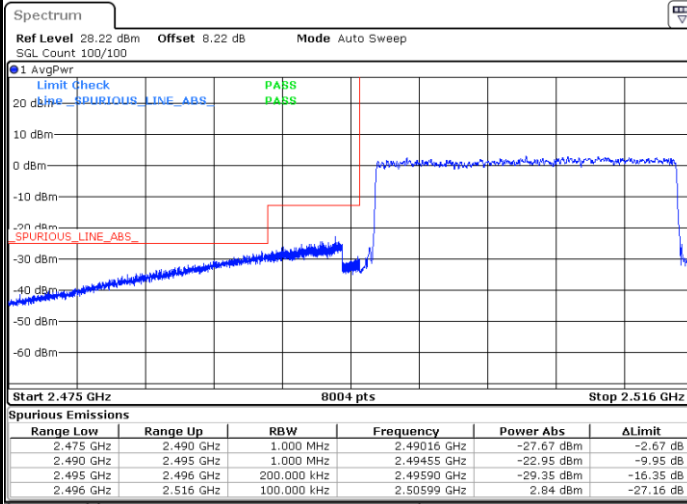
Date: 21.SEP.2022 14:43:34

Highest Band Edge / 1 RB



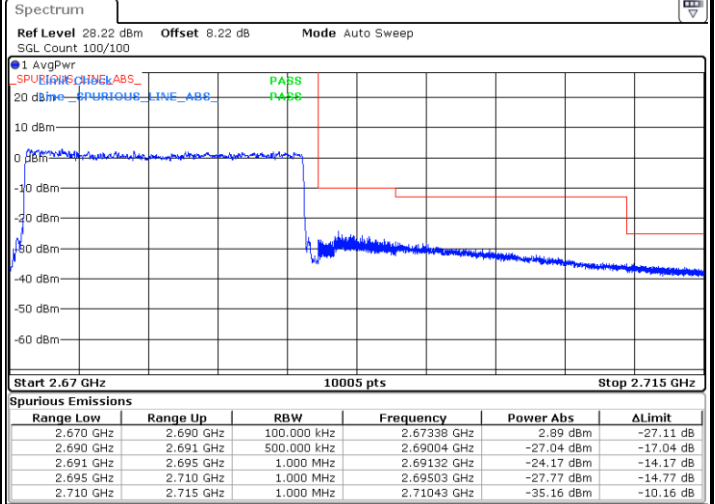
Date: 21.SEP.2022 15:01:56

Lowest Band Edge / Full RB



Date: 21.SEP.2022 14:52:32

Highest Band Edge / Full RB

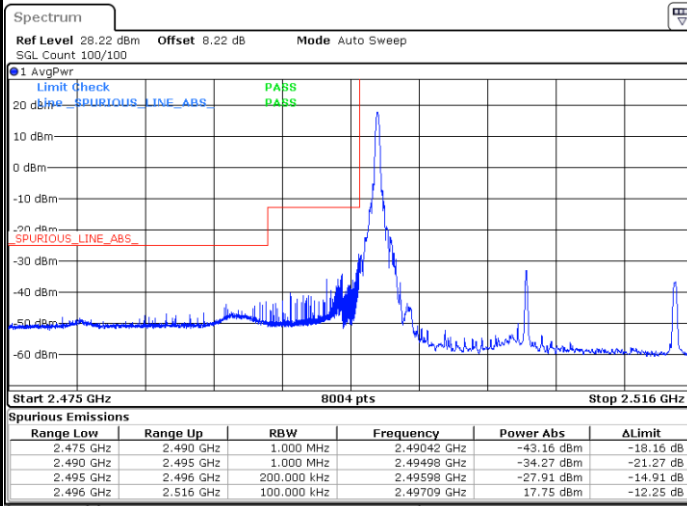


Date: 21.SEP.2022 15:06:03



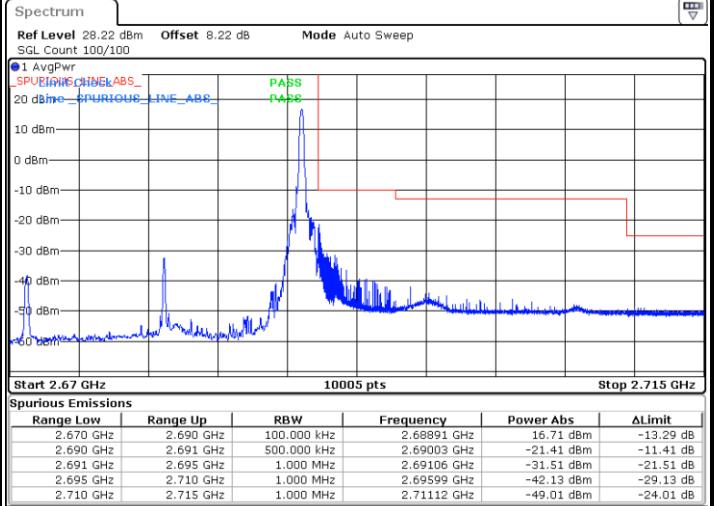
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



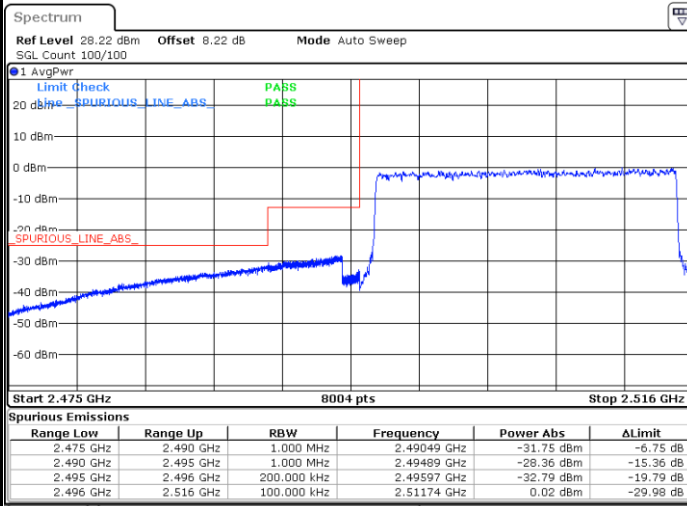
Date: 21.SEP.2022 14:44:55

Highest Band Edge / 1 RB



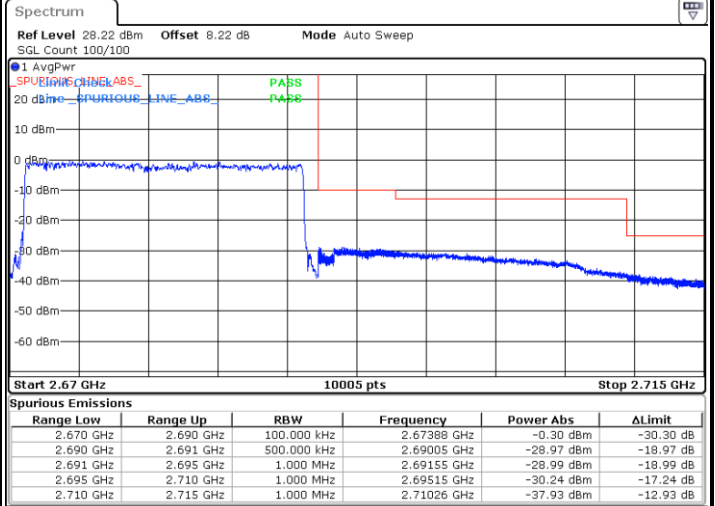
Date: 21.SEP.2022 15:03:16

Lowest Band Edge / Full RB



Date: 21.SEP.2022 14:51:09

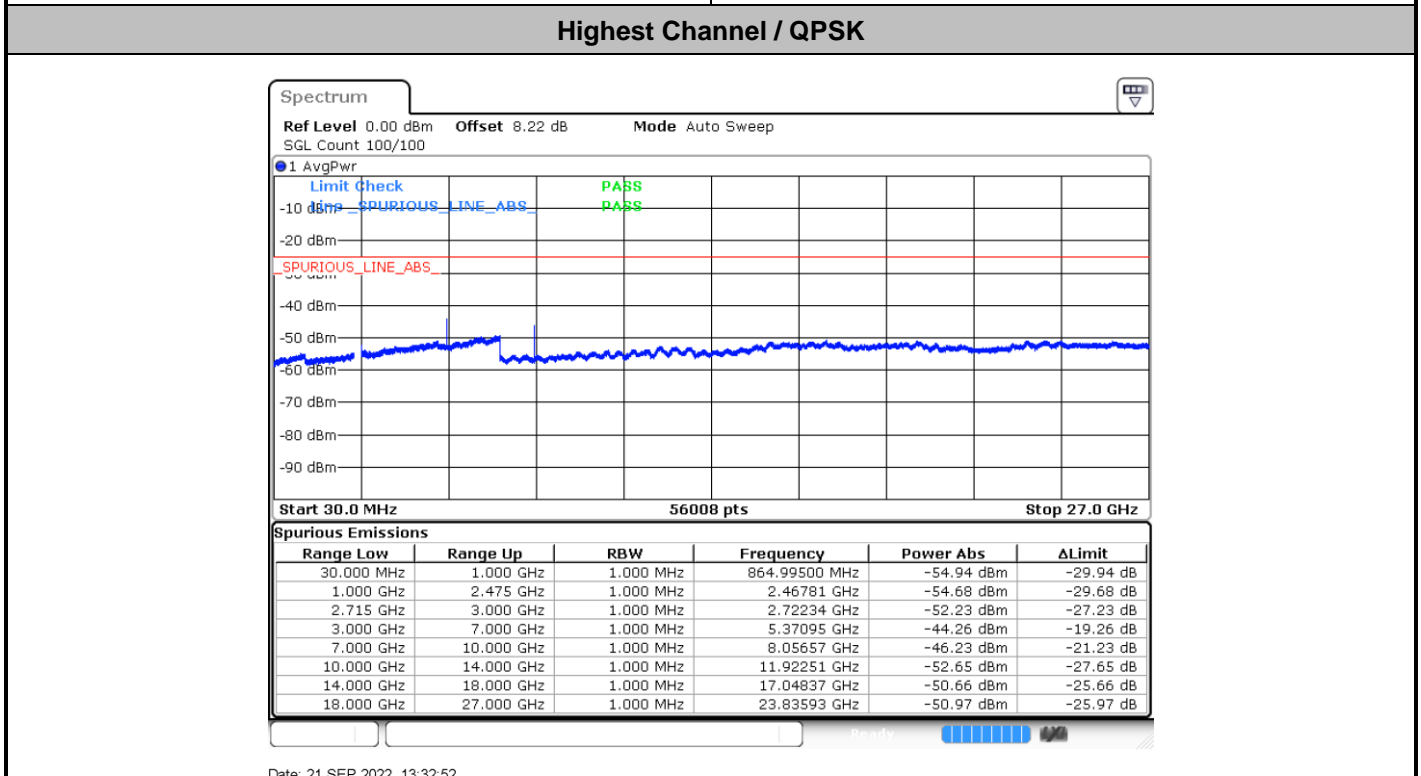
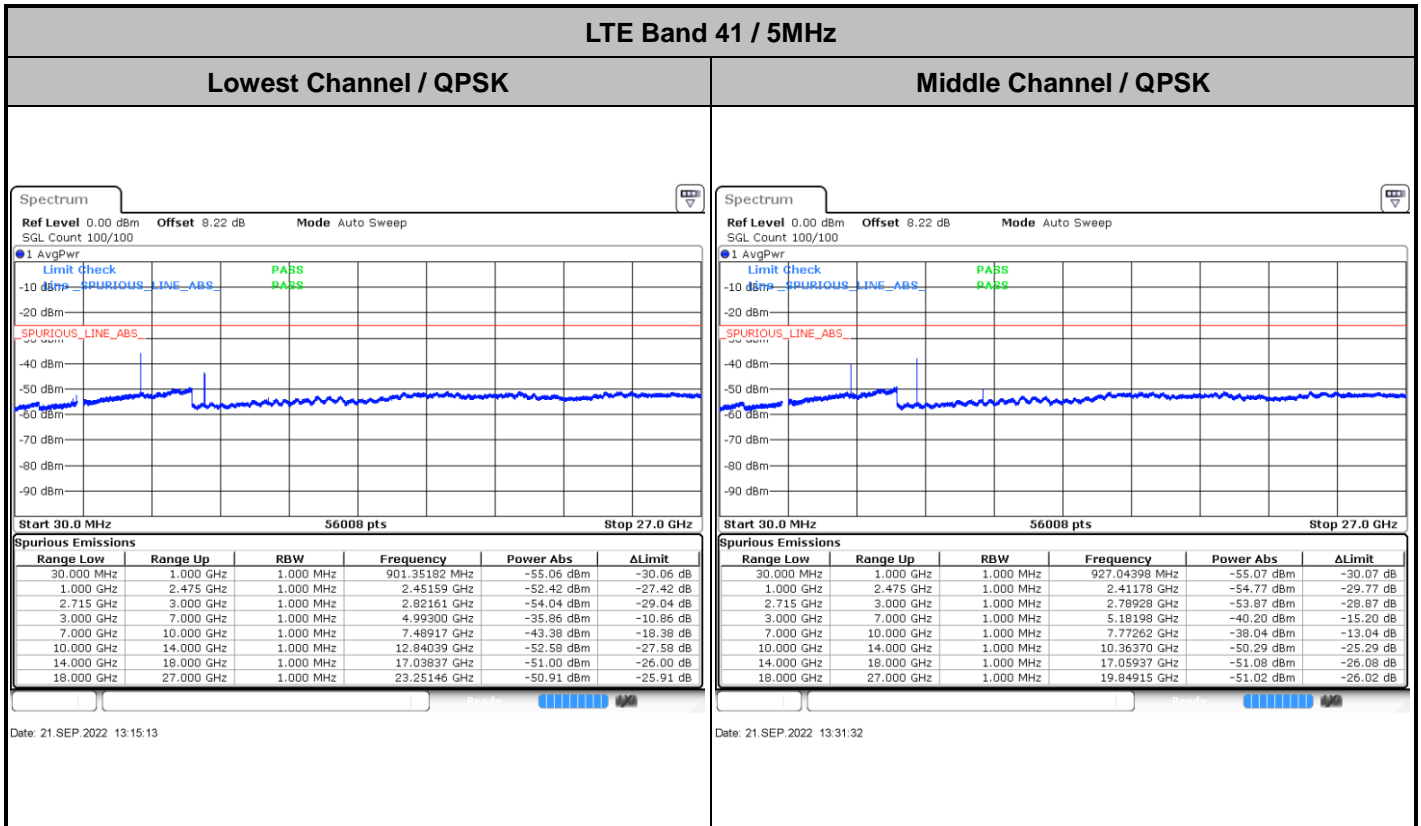
Highest Band Edge / Full RB



Date: 21.SEP.2022 15:04:40



Conducted Spurious Emission

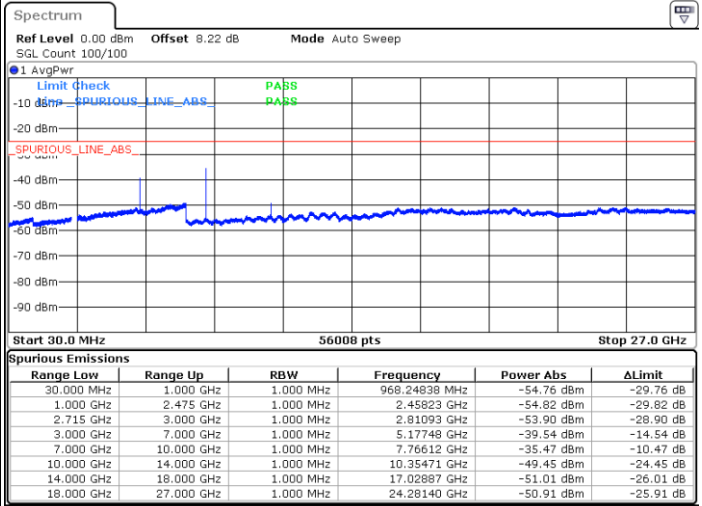
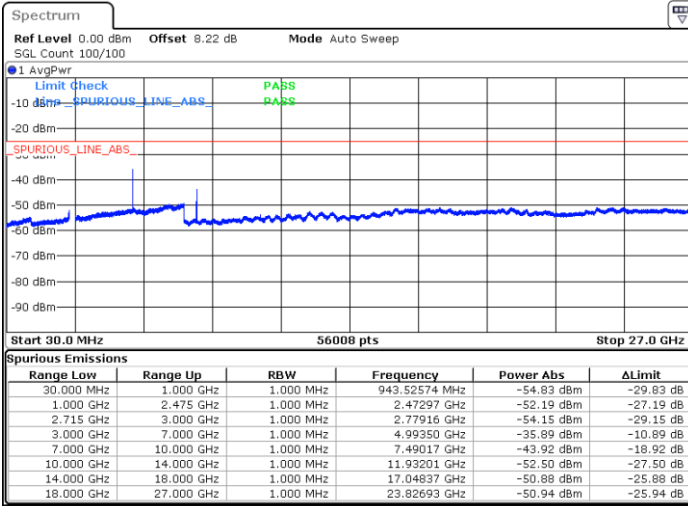




LTE Band 41 / 10MHz

Lowest Channel / QPSK

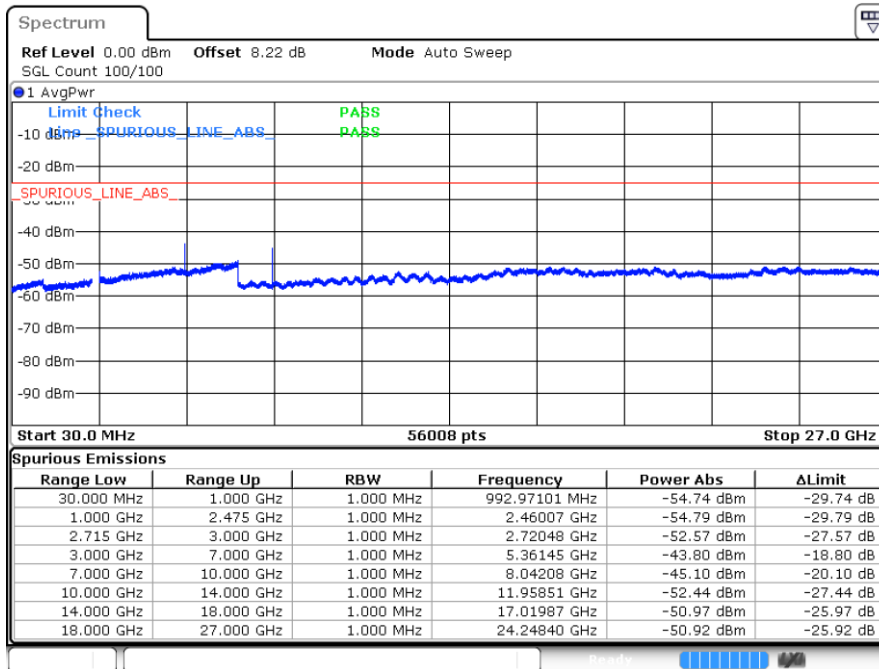
Middle Channel / QPSK



Date: 21.SEP.2022 13:45:04

Date: 21.SEP.2022 13:58:05

Highest Channel / QPSK



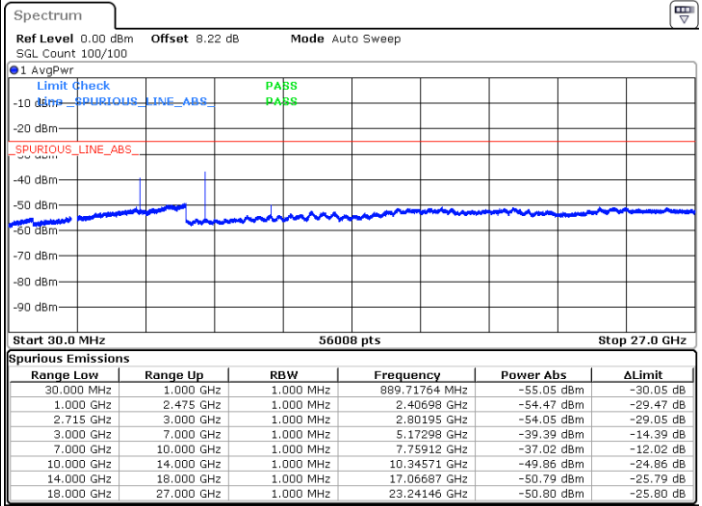
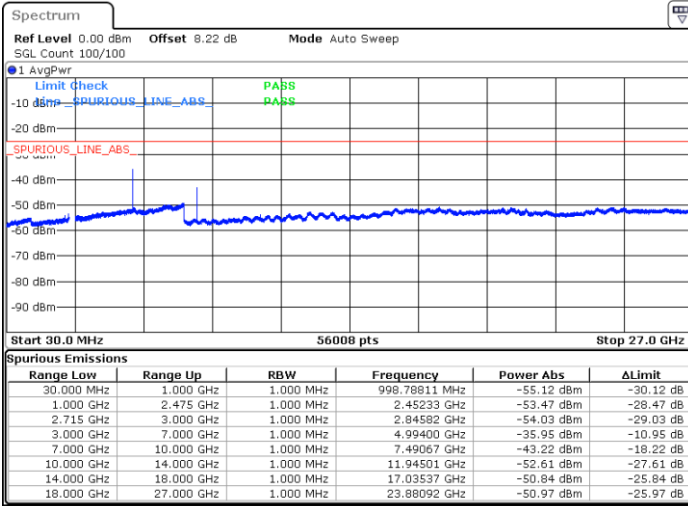
Date: 21.SEP.2022 13:58:25



LTE Band 41 / 15MHz

Lowest Channel / QPSK

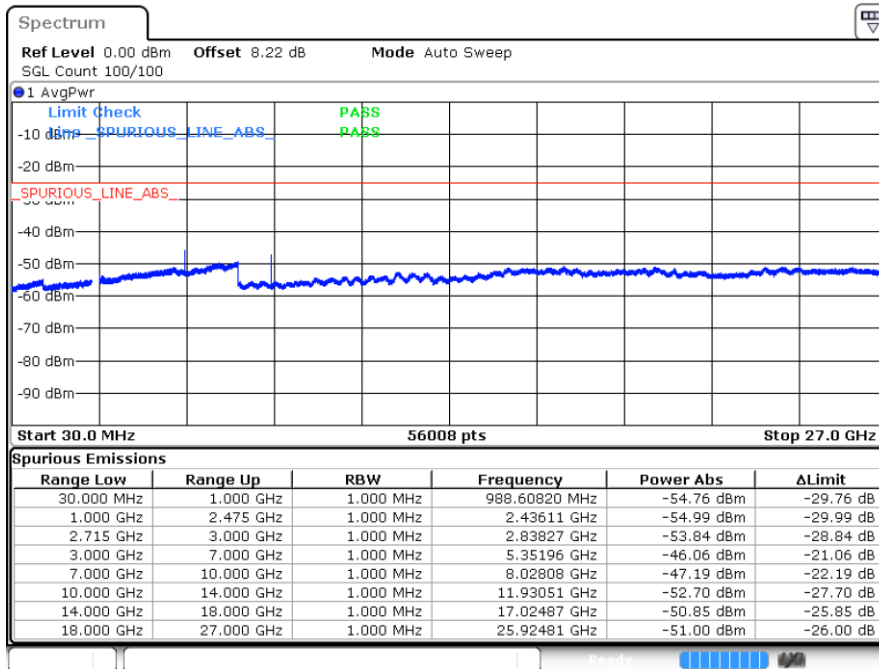
Middle Channel / QPSK



Date: 21.SEP.2022 14:11:36

Date: 21.SEP.2022 14:26:01

Highest Channel / QPSK



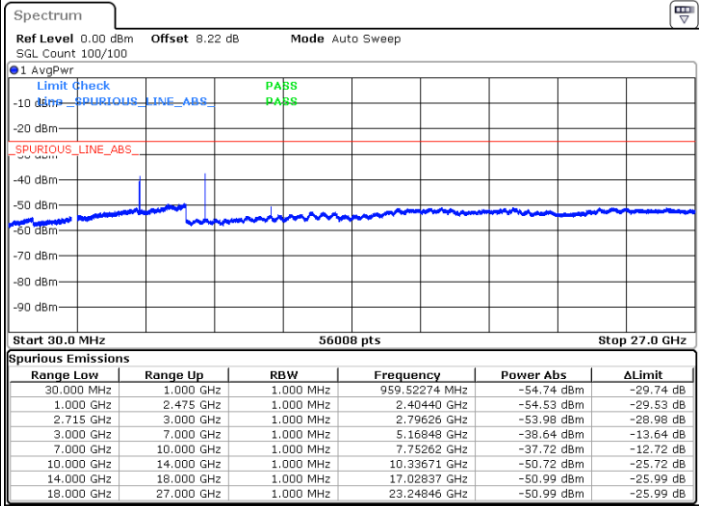
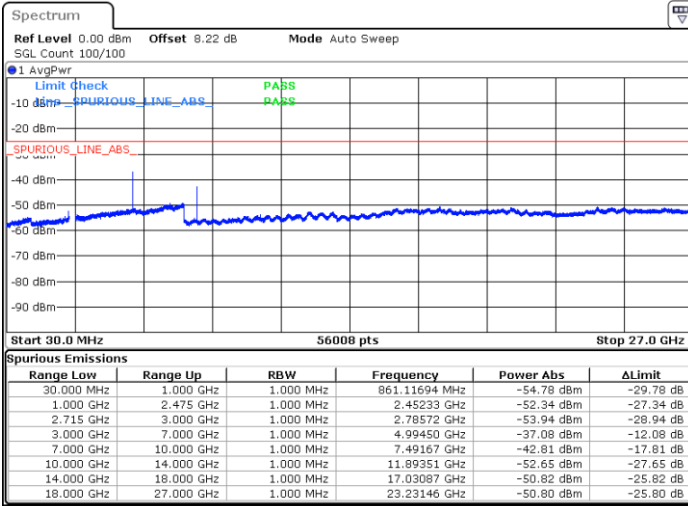
Date: 21.SEP.2022 14:27:21



LTE Band 41 / 20MHz

Lowest Channel / QPSK

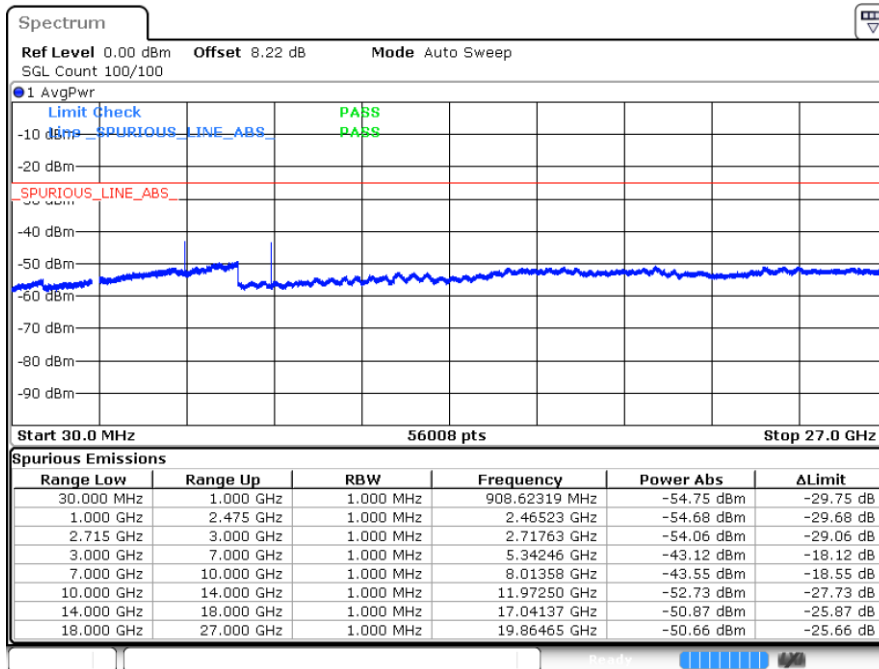
Middle Channel / QPSK



Date: 21.SEP.2022 14:39:32

Date: 21.SEP.2022 14:56:33

Highest Channel / QPSK



Date: 21.SEP.2022 14:57:54



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	0.0016	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0017	

Note:

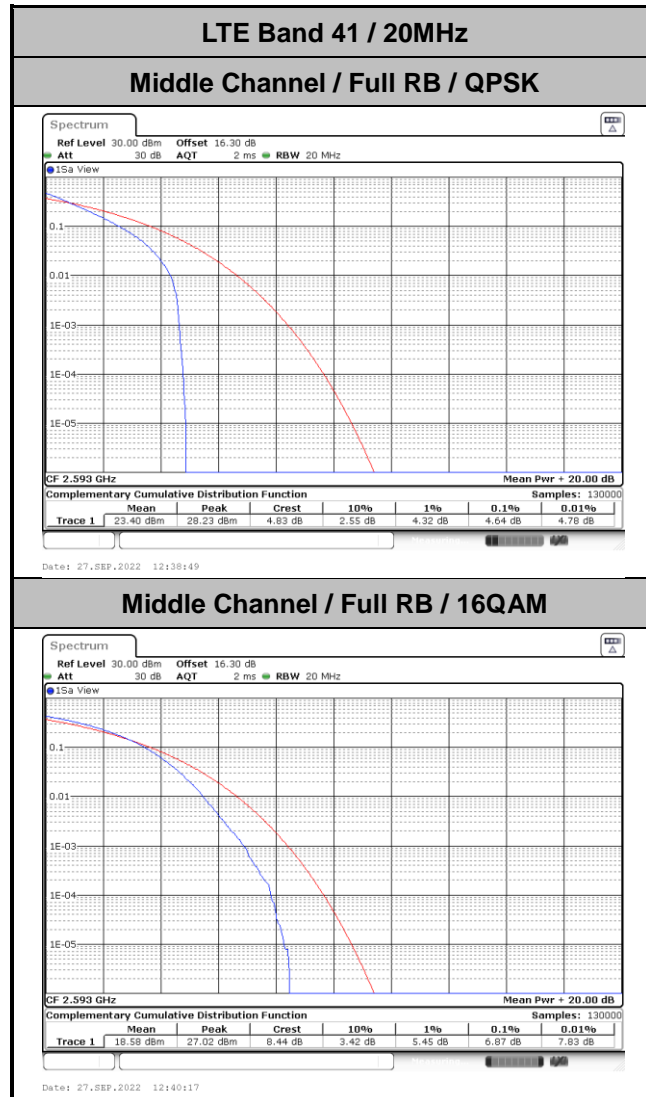
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

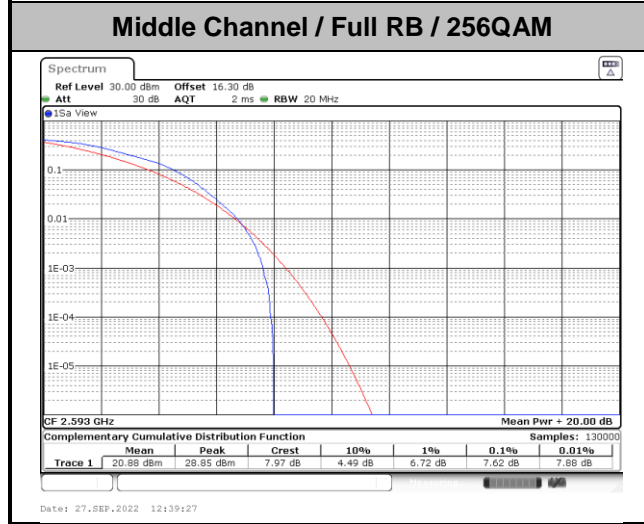
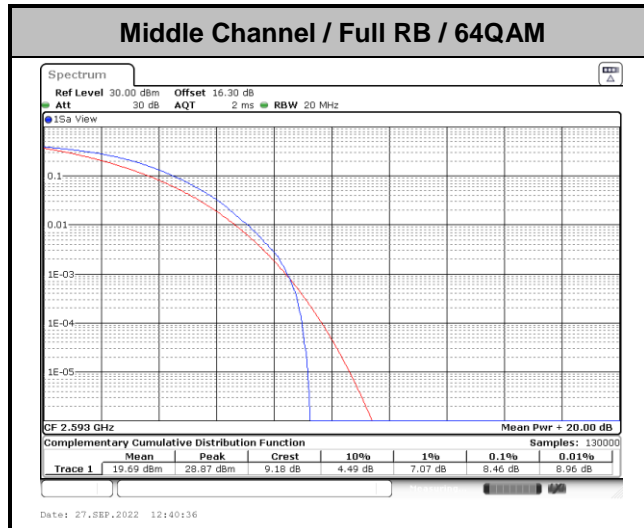


LTE Band 41(PA2 EN-DC 41A-n78A)

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	4.64	6.87	8.46	7.62	PASS

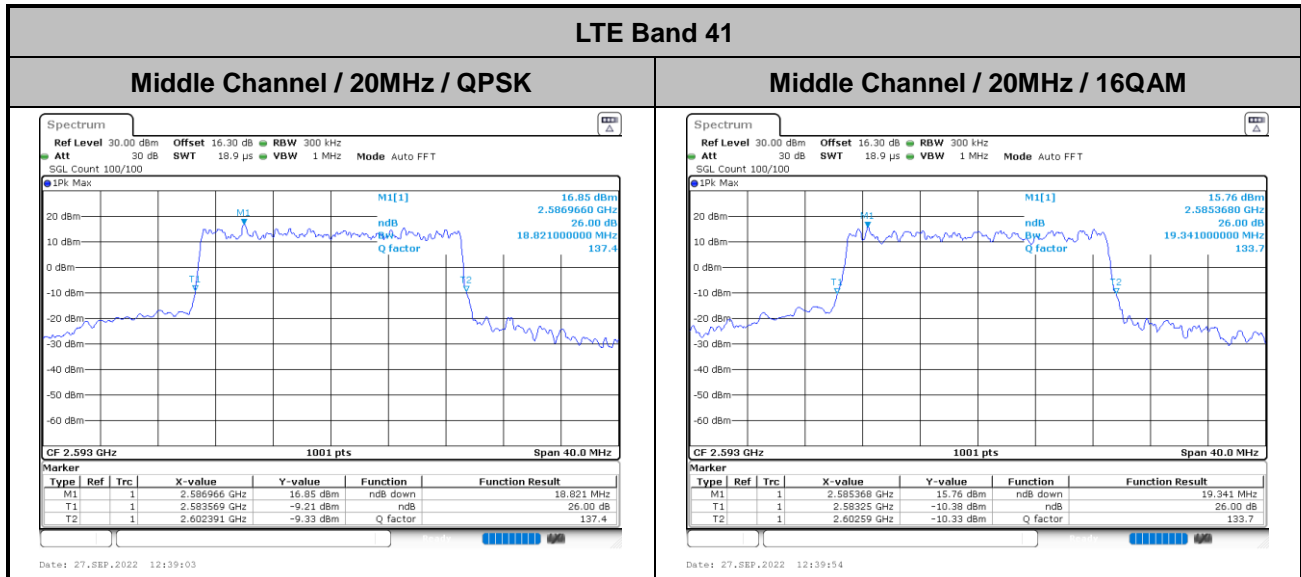






26dB Bandwidth

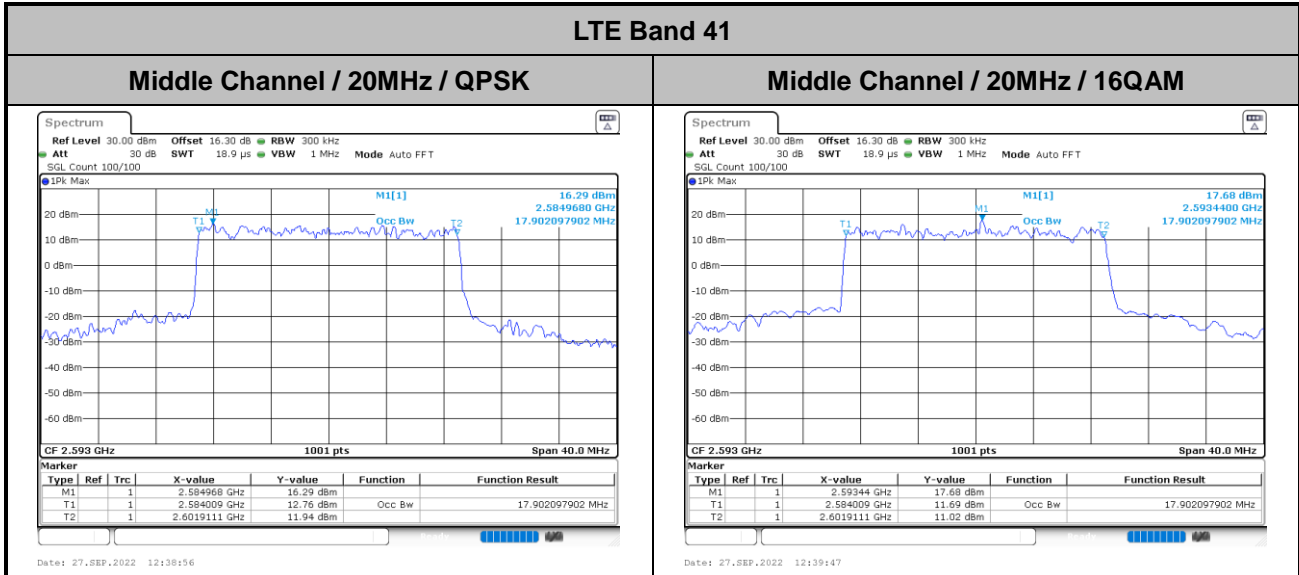
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	19.34





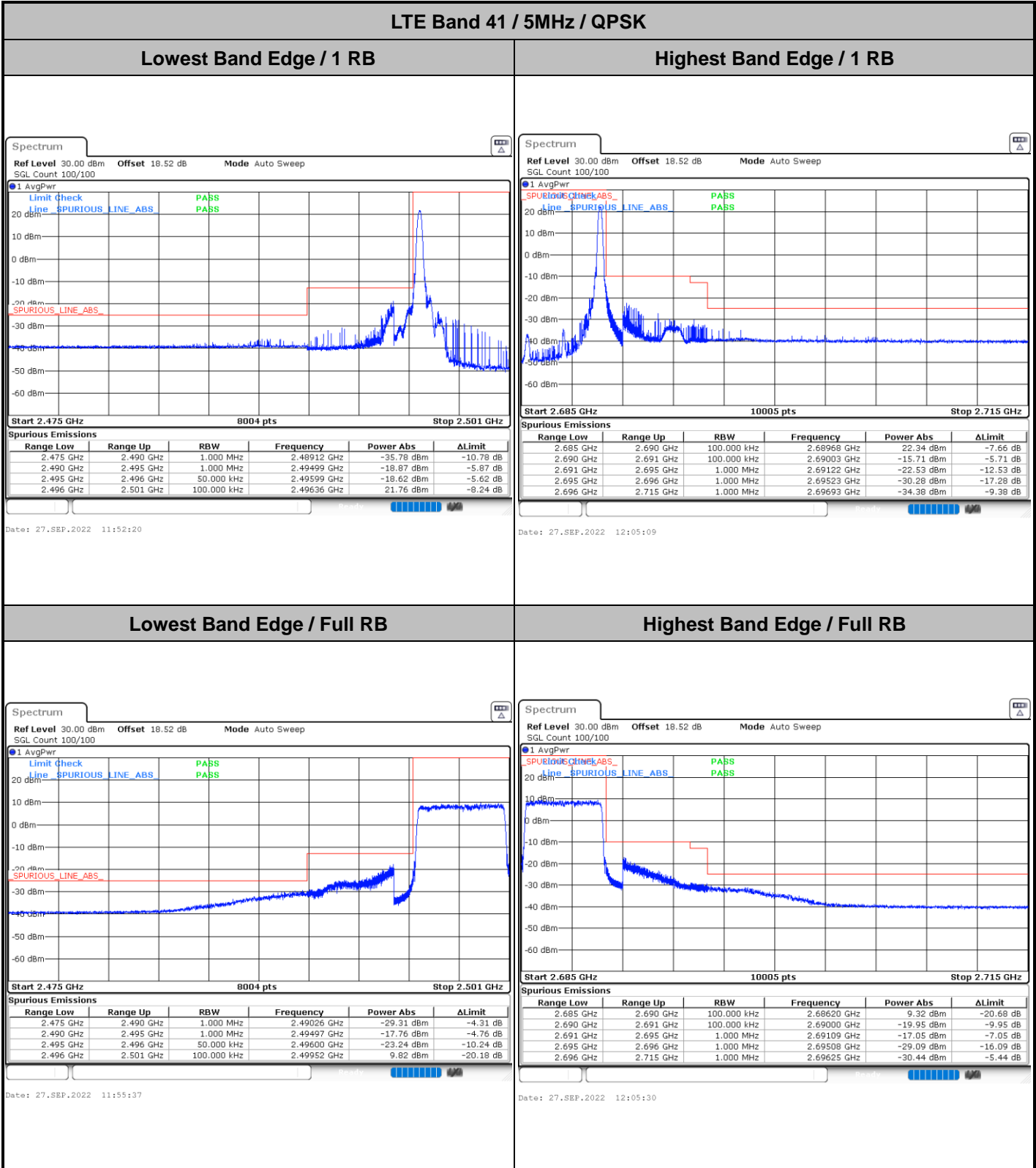
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.90





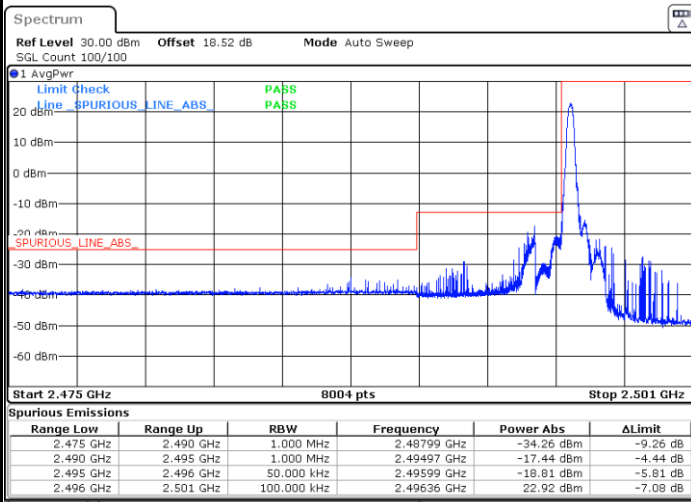
Conducted Band Edge





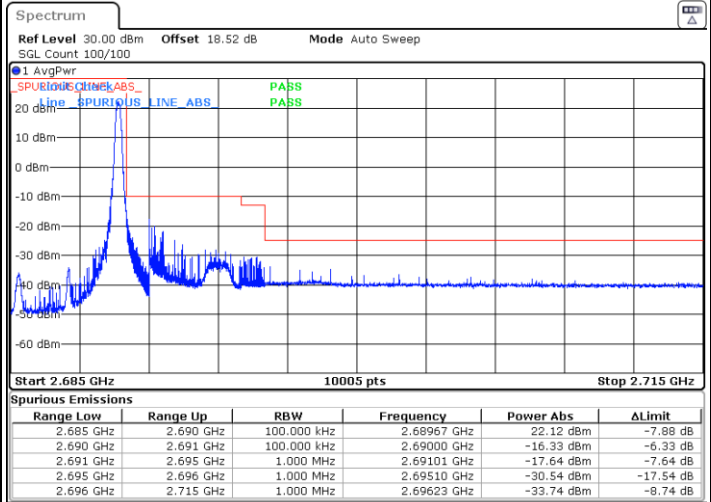
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



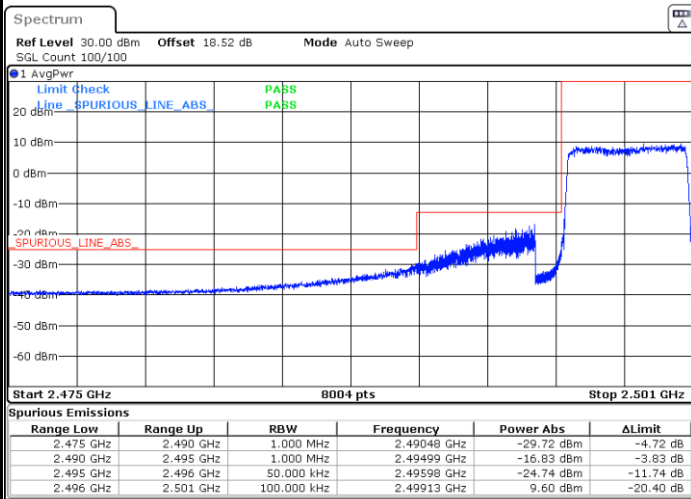
Date: 27.SEP.2022 11:52:44

Highest Band Edge / 1 RB



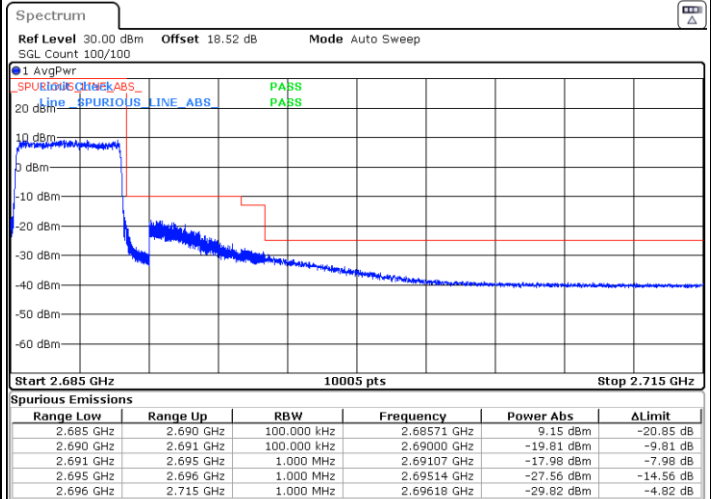
Date: 27.SEP.2022 12:04:55

Lowest Band Edge / Full RB



Date: 27.SEP.2022 11:55:13

Highest Band Edge / Full RB

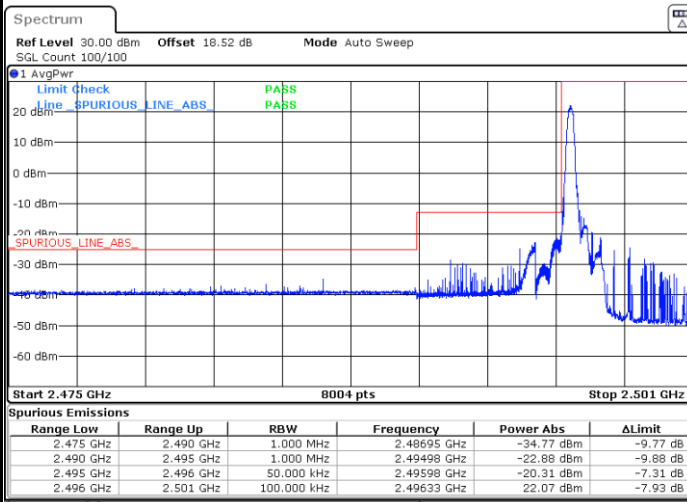


Date: 27.SEP.2022 12:05:16



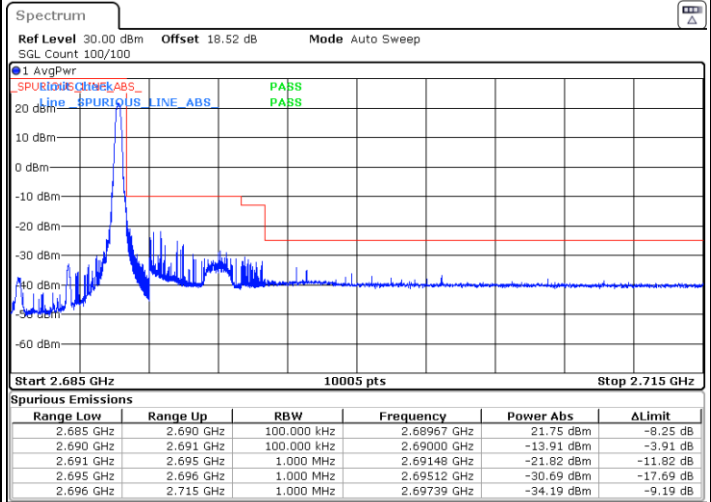
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



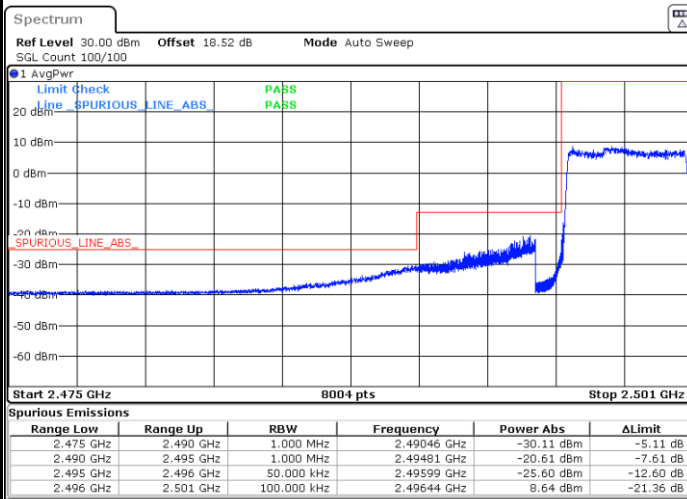
Date: 27.SEP.2022 11:53:35

Highest Band Edge / 1 RB



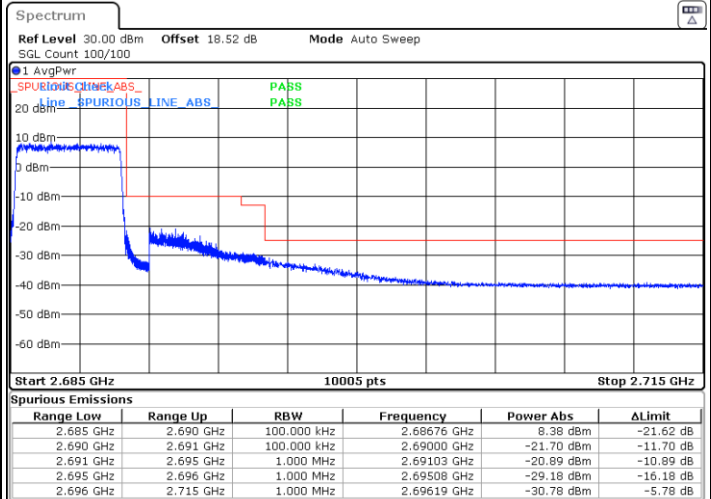
Date: 27.SEP.2022 12:04:39

Lowest Band Edge / Full RB



Date: 27.SEP.2022 11:54:46

Highest Band Edge / Full RB

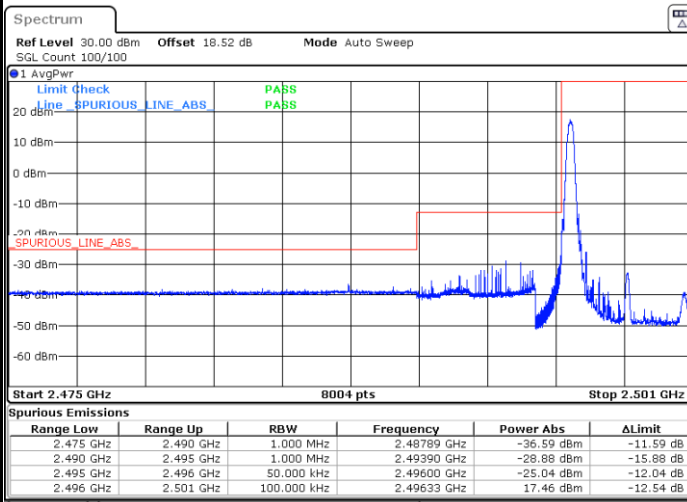


Date: 27.SEP.2022 12:06:23



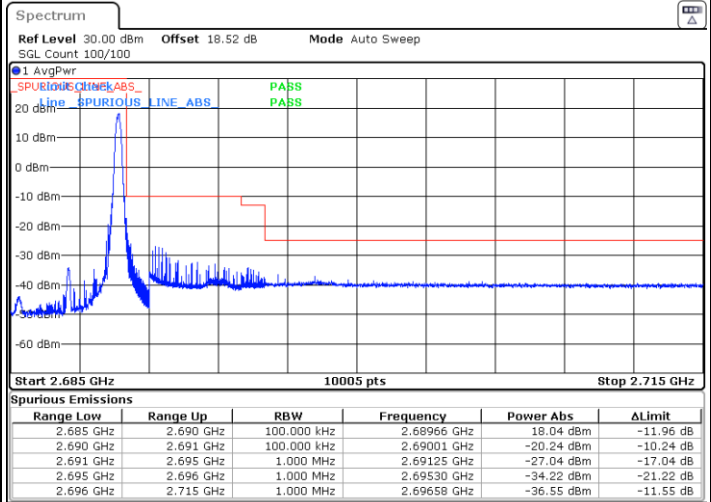
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



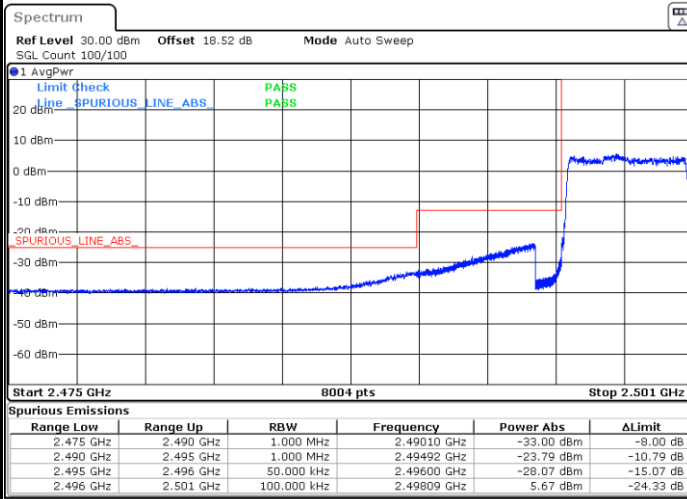
Date: 27.SEP.2022 11:53:06

Highest Band Edge / 1 RB



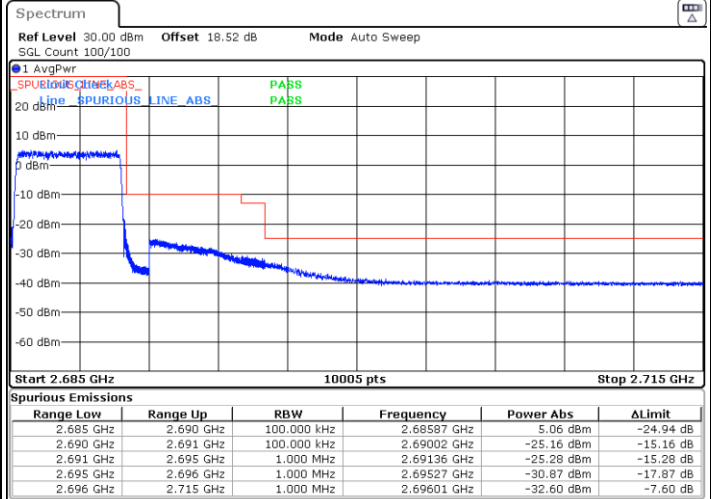
Date: 27.SEP.2022 12:04:18

Lowest Band Edge / Full RB



Date: 27.SEP.2022 11:54:09

Highest Band Edge / Full RB

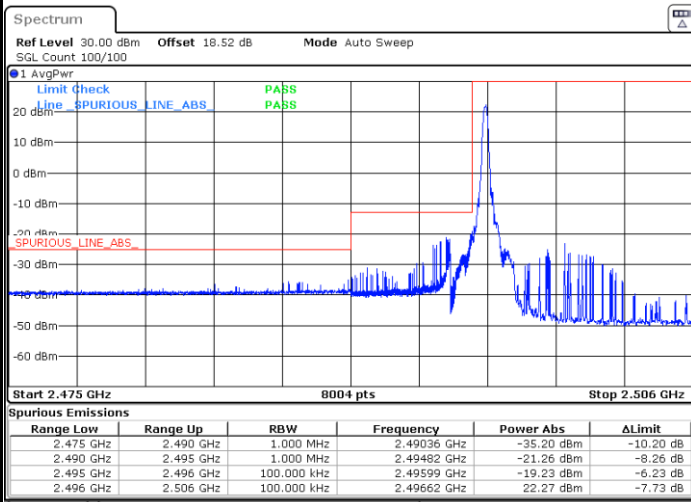


Date: 27.SEP.2022 12:06:01



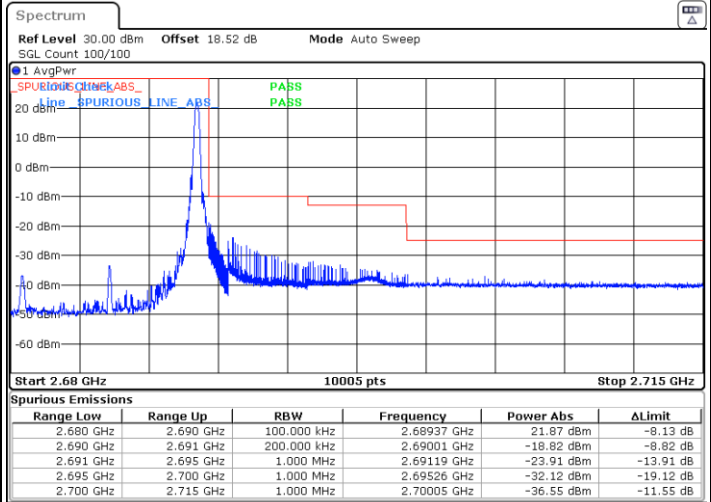
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



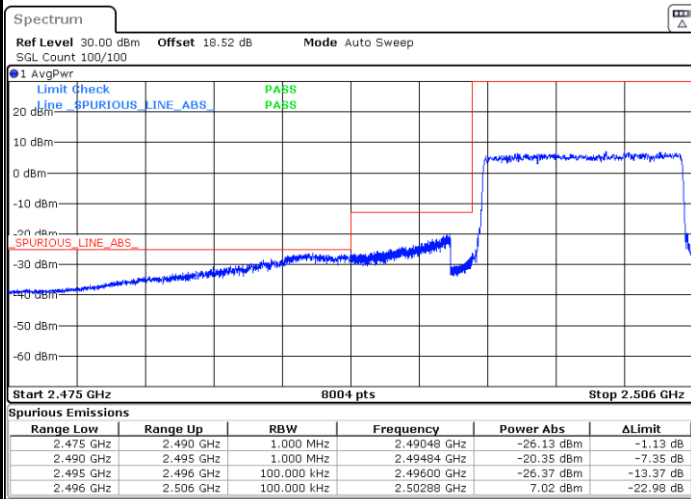
Date: 27.SEP.2022 12:08:08

Highest Band Edge / 1 RB



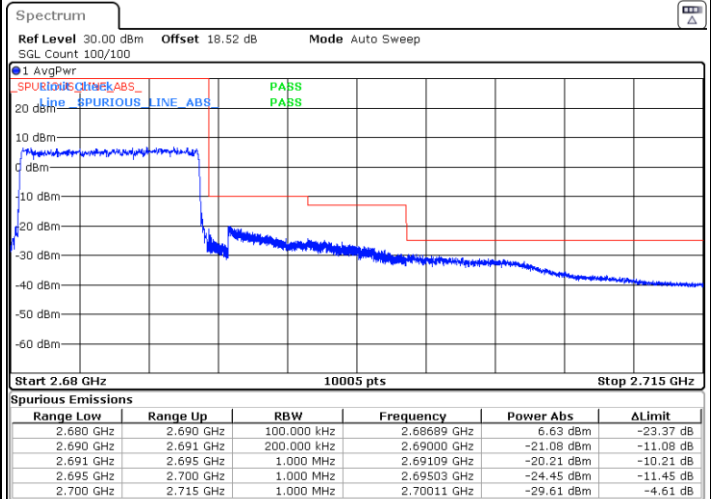
Date: 27.SEP.2022 12:16:18

Lowest Band Edge / Full RB



Date: 27.SEP.2022 12:10:41

Highest Band Edge / Full RB

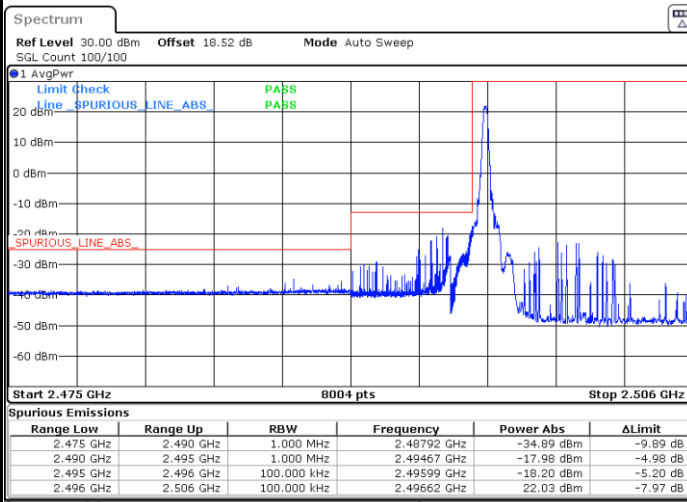


Date: 27.SEP.2022 12:16:38



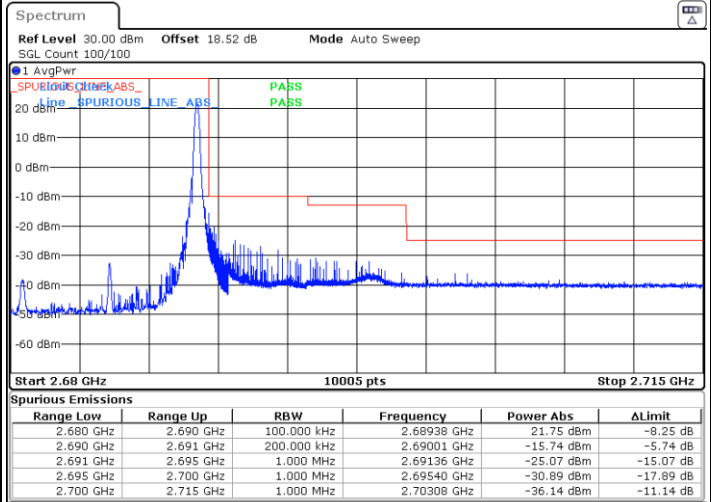
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



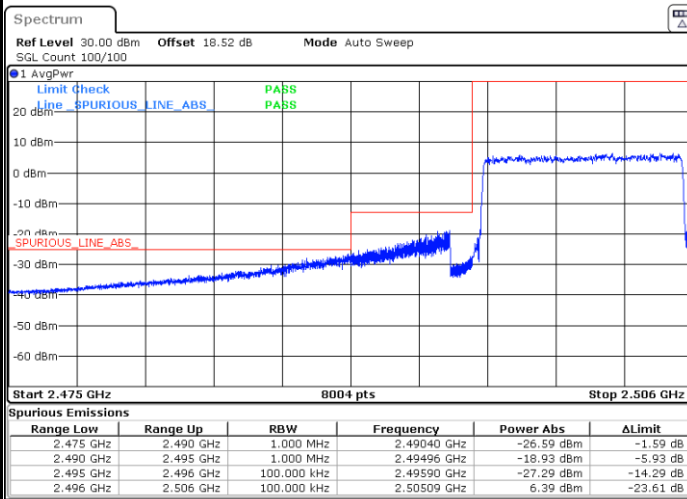
Date: 27.SEP.2022 12:08:22

Highest Band Edge / 1 RB



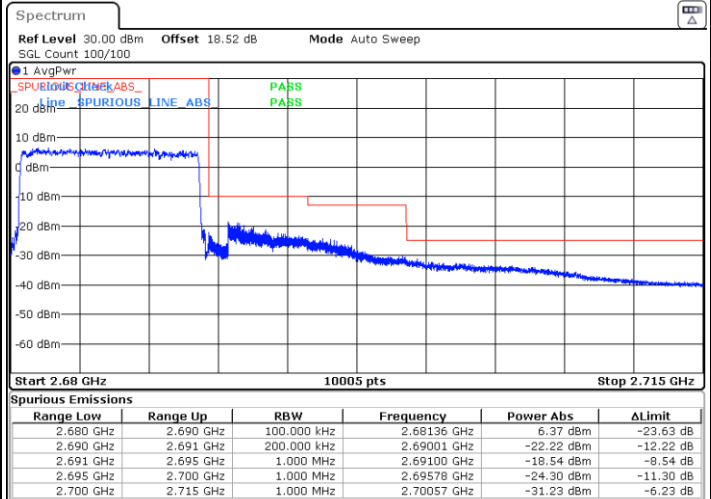
Date: 27.SEP.2022 12:16:04

Lowest Band Edge / Full RB



Date: 27.SEP.2022 12:10:24

Highest Band Edge / Full RB



Date: 27.SEP.2022 12:16:51