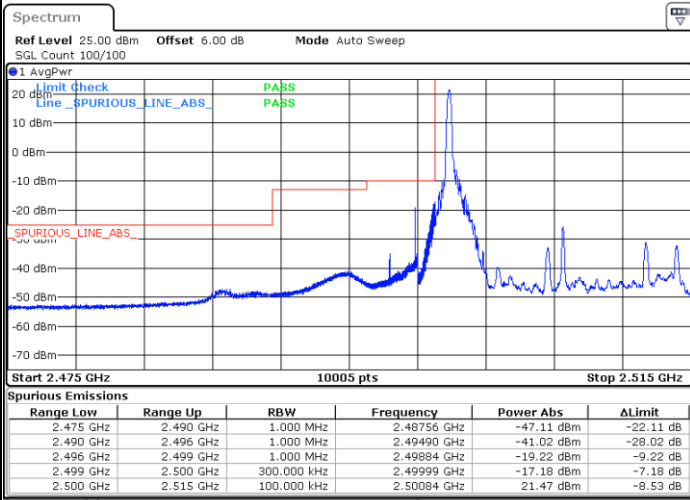




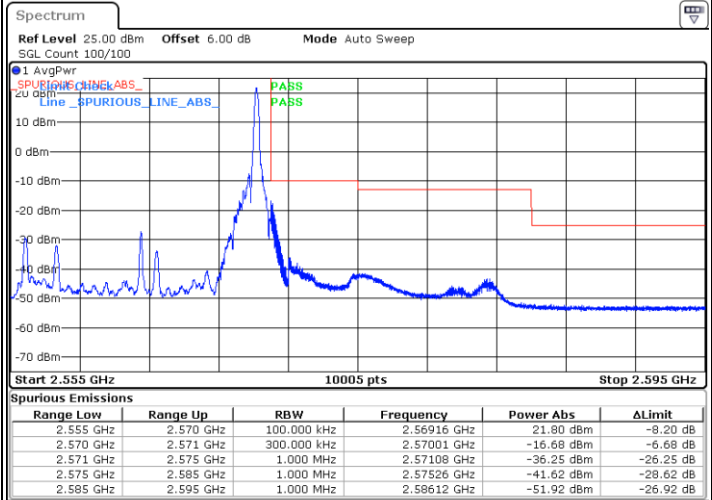
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



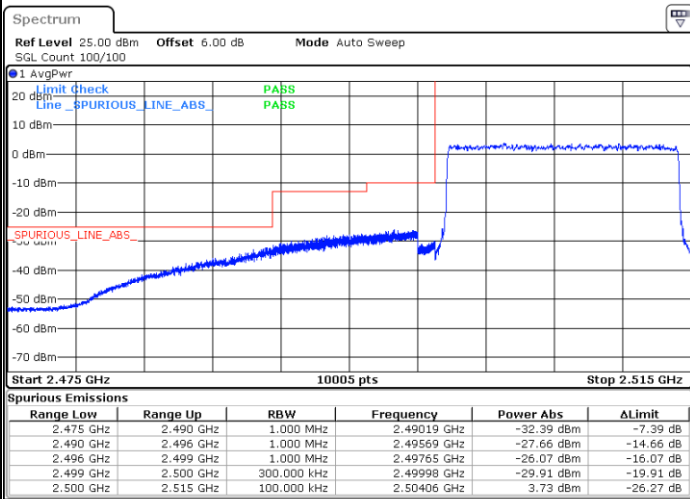
Date: 7 SEP.2022 04:07:02



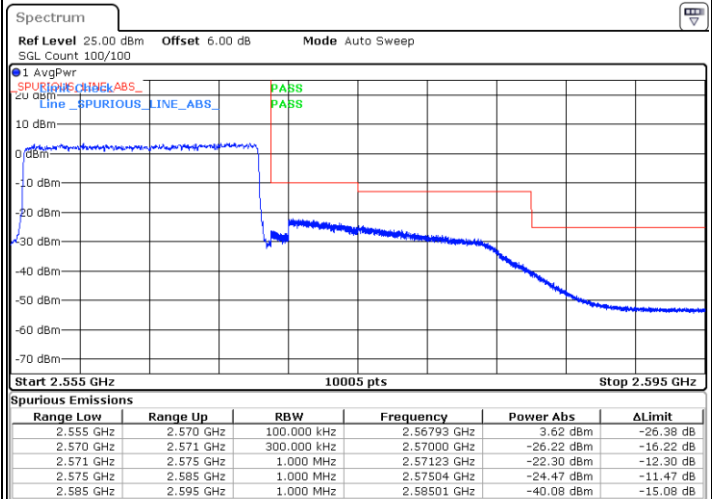
Date: 7 SEP.2022 04:29:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 SEP.2022 04:11:41

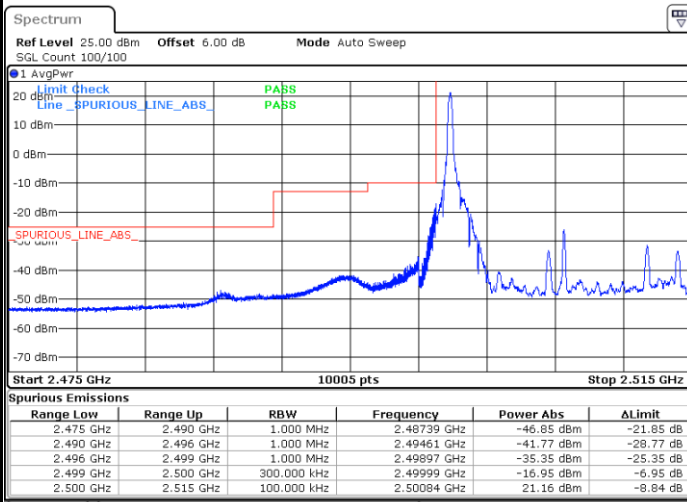


Date: 7 SEP.2022 04:33:43



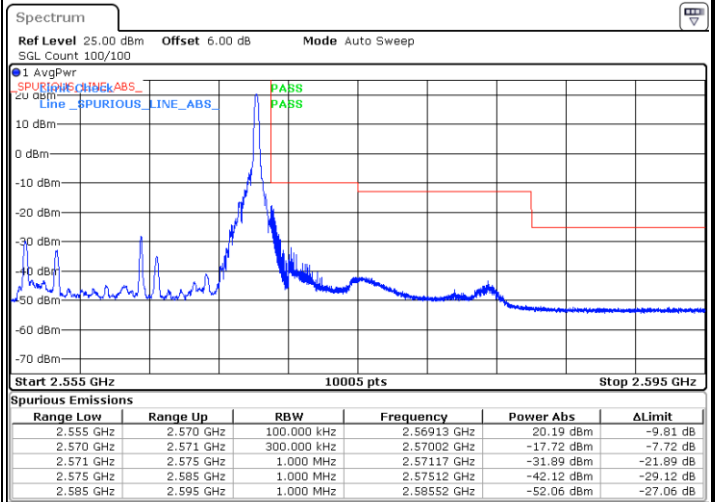
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



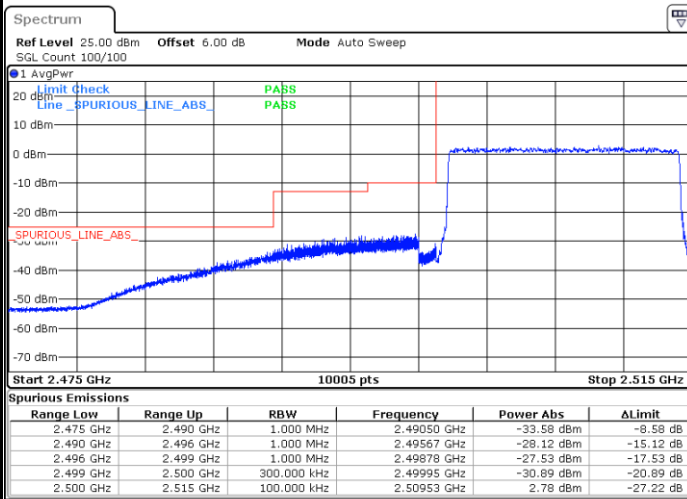
Date: 7 SEP.2022 04:07:58

Highest Band Edge / 1 RB



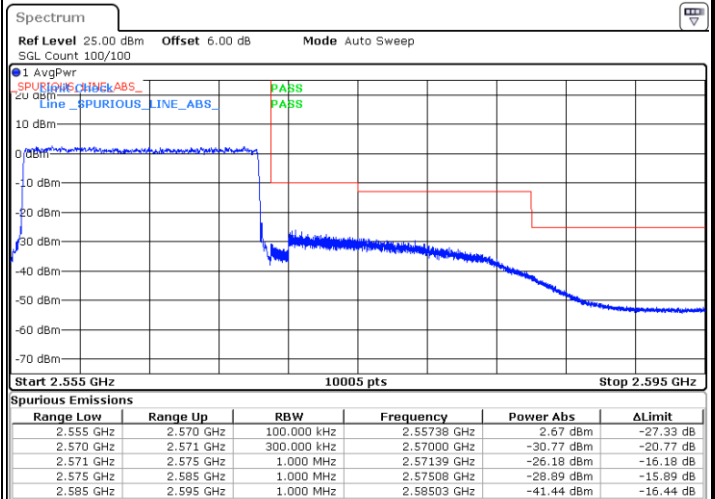
Date: 7 SEP.2022 04:30:01

Lowest Band Edge / Full RB



Date: 7 SEP.2022 04:10:45

Highest Band Edge / Full RB

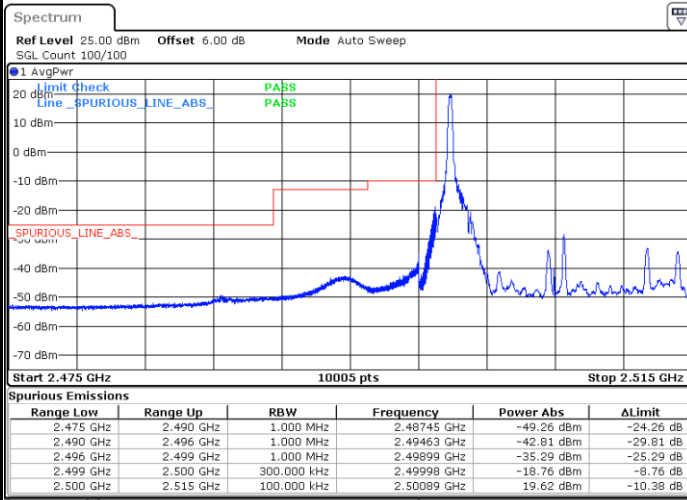


Date: 7 SEP.2022 04:32:47



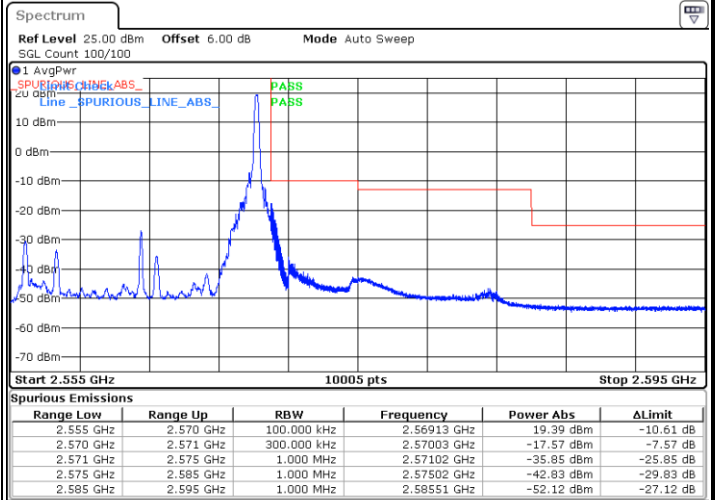
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



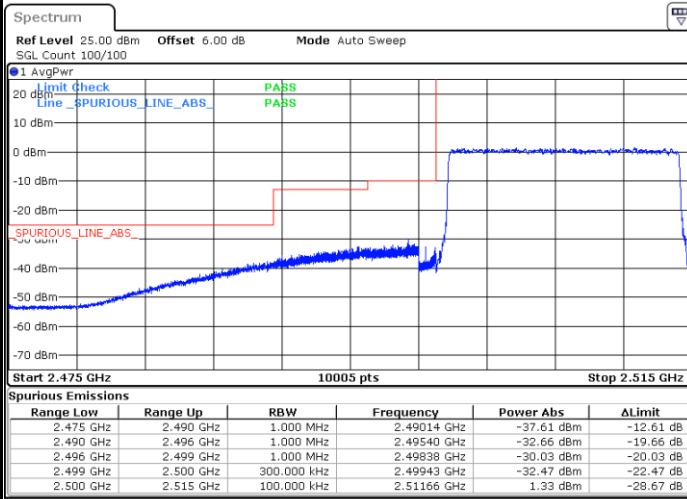
Date: 7 SEP.2022 04:08:54

Highest Band Edge / 1 RB



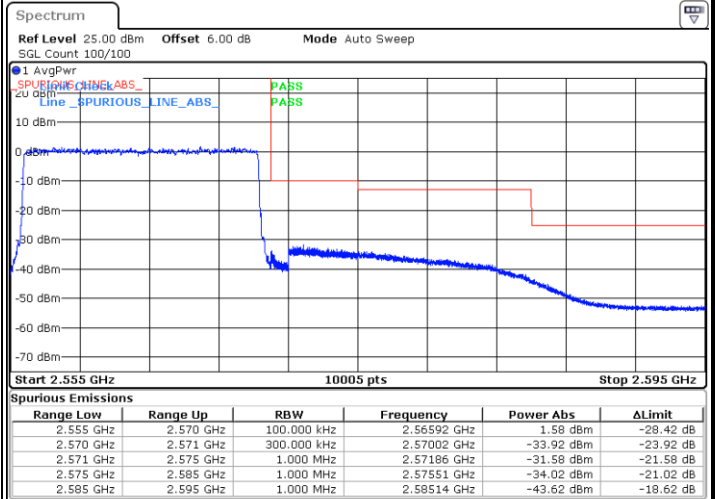
Date: 7 SEP.2022 04:30:56

Lowest Band Edge / Full RB



Date: 7 SEP.2022 04:09:49

Highest Band Edge / Full RB



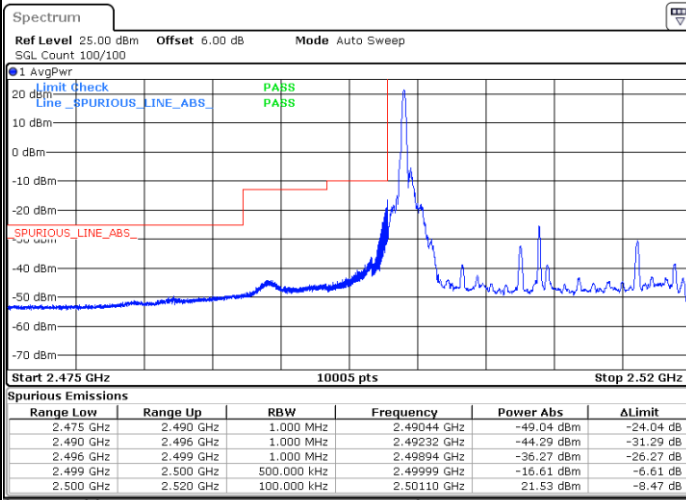
Date: 7 SEP.2022 04:31:52



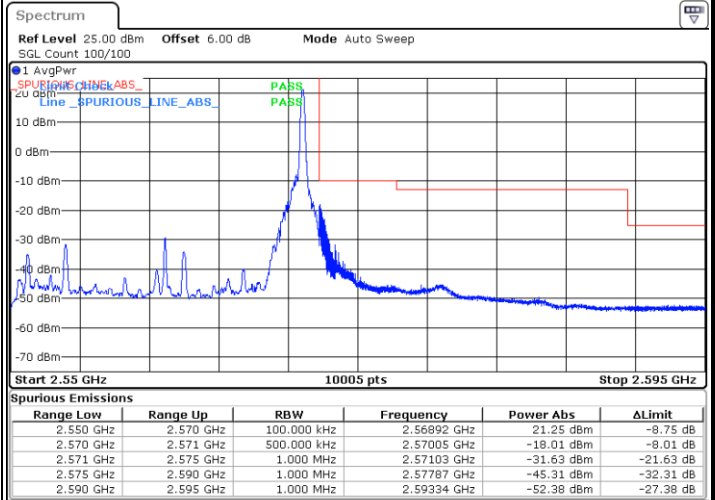
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



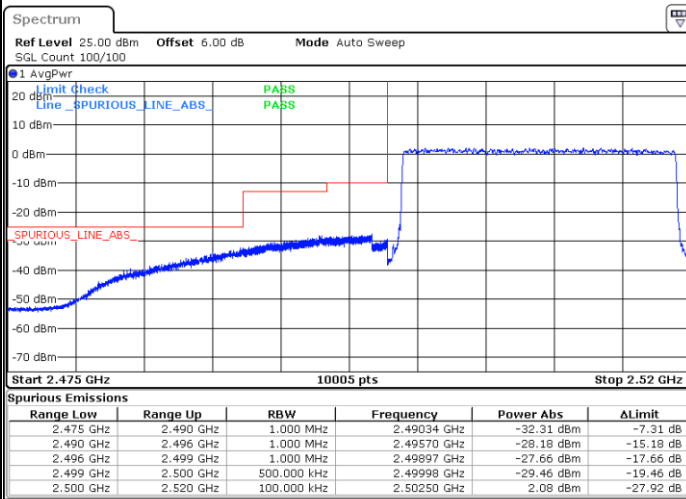
Date: 7 SEP.2022 04:36:00



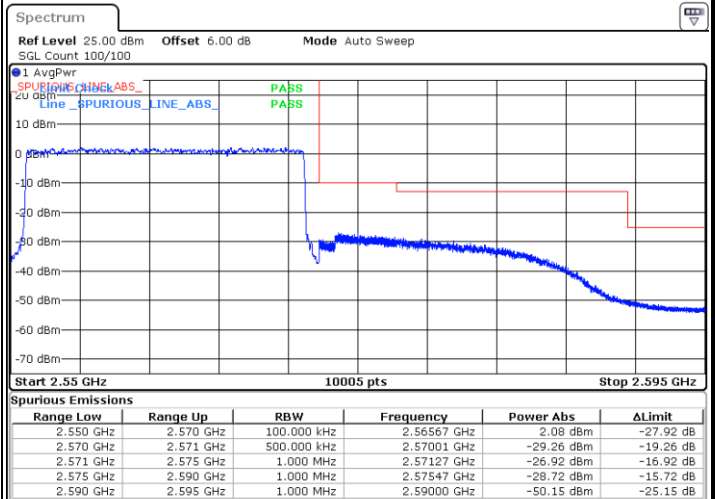
Date: 7 SEP.2022 04:44:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 SEP.2022 04:40:38

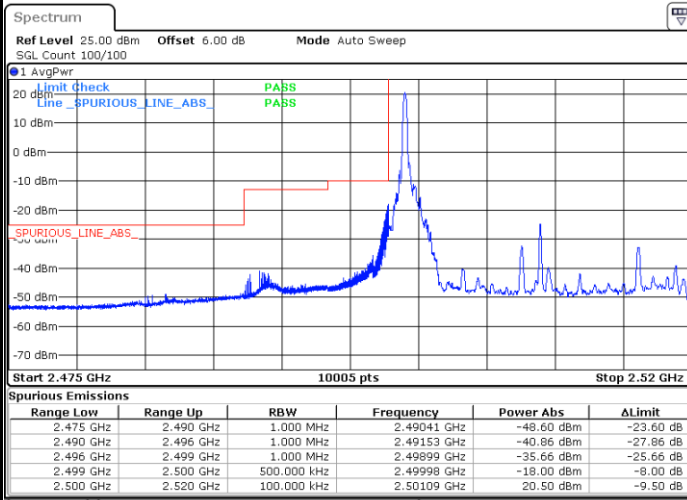


Date: 7 SEP.2022 04:48:51



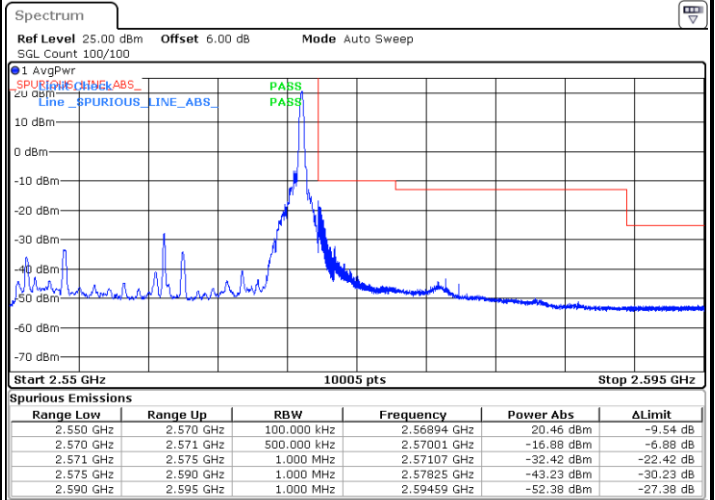
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



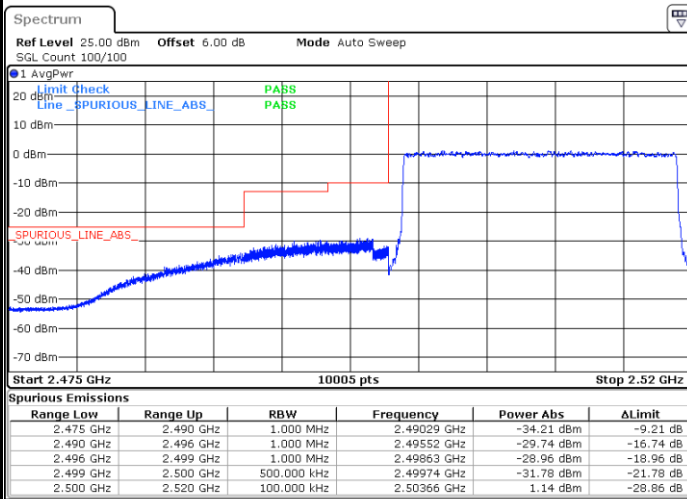
Date: 7 SEP.2022 04:36:56

Highest Band Edge / 1 RB



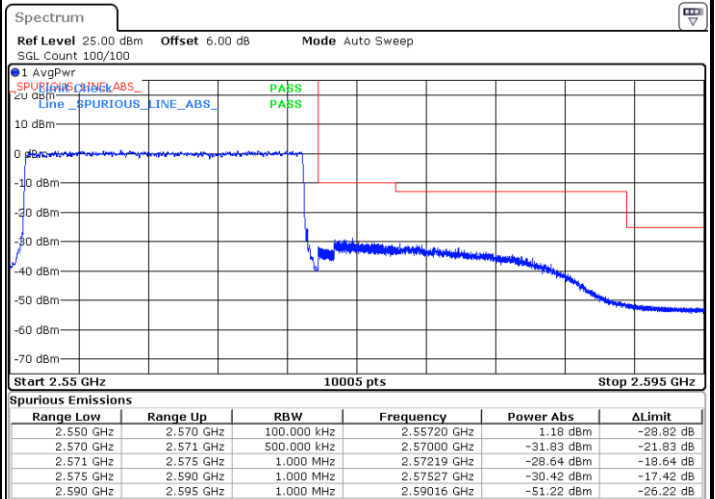
Date: 7 SEP.2022 04:45:09

Lowest Band Edge / Full RB



Date: 7 SEP.2022 04:39:43

Highest Band Edge / Full RB

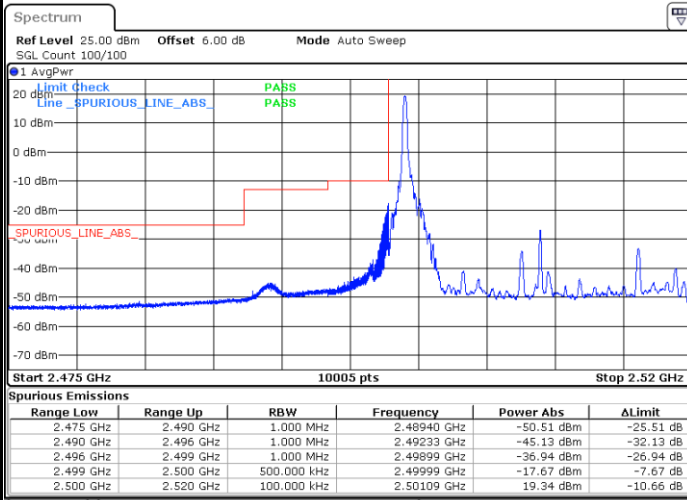


Date: 7 SEP.2022 04:47:55



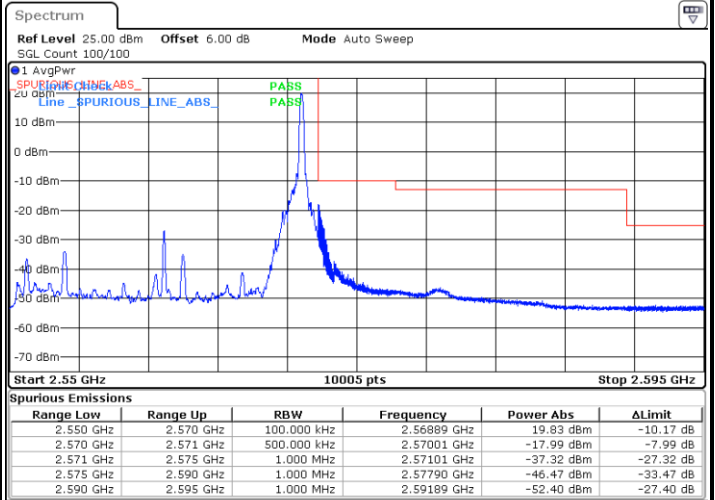
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



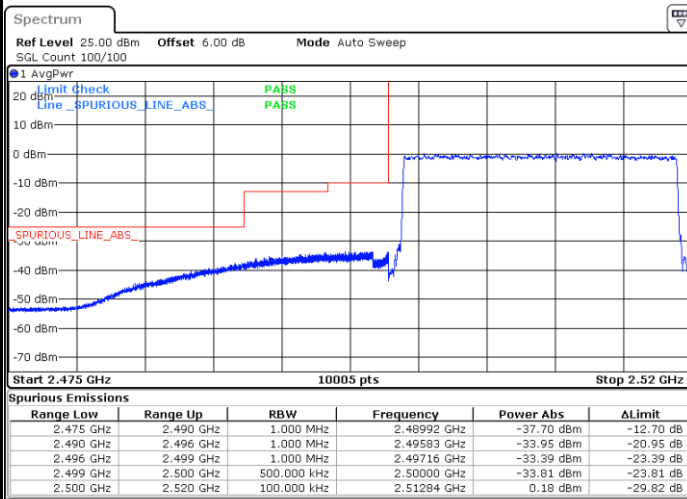
Date: 7 SEP.2022 04:37:51

Highest Band Edge / 1 RB



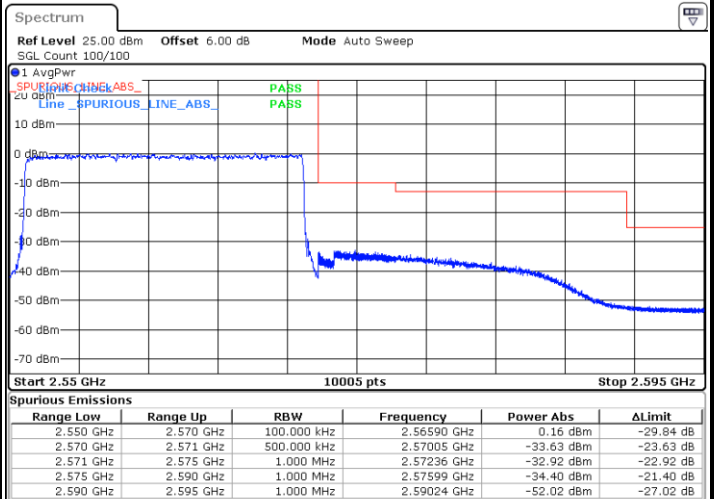
Date: 7 SEP.2022 04:46:04

Lowest Band Edge / Full RB



Date: 7 SEP.2022 04:38:47

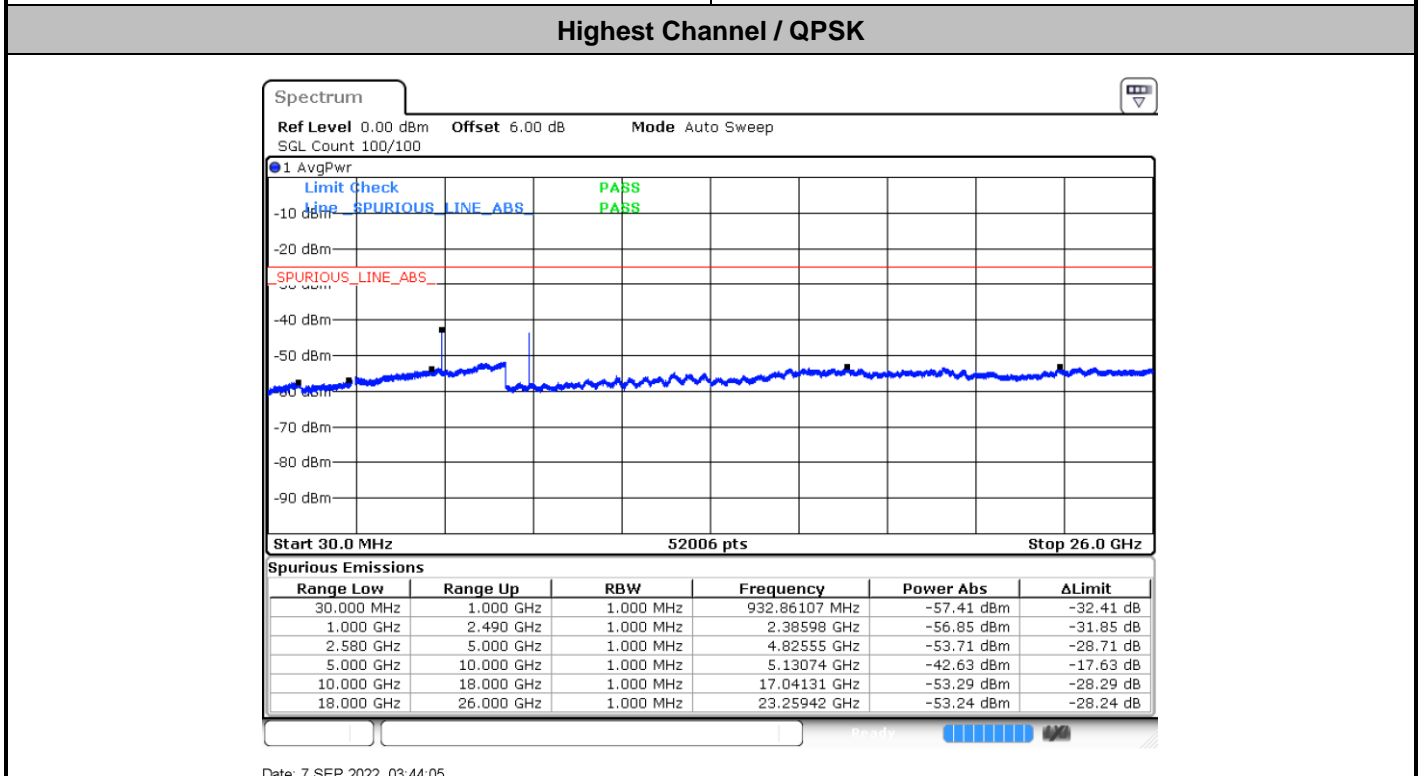
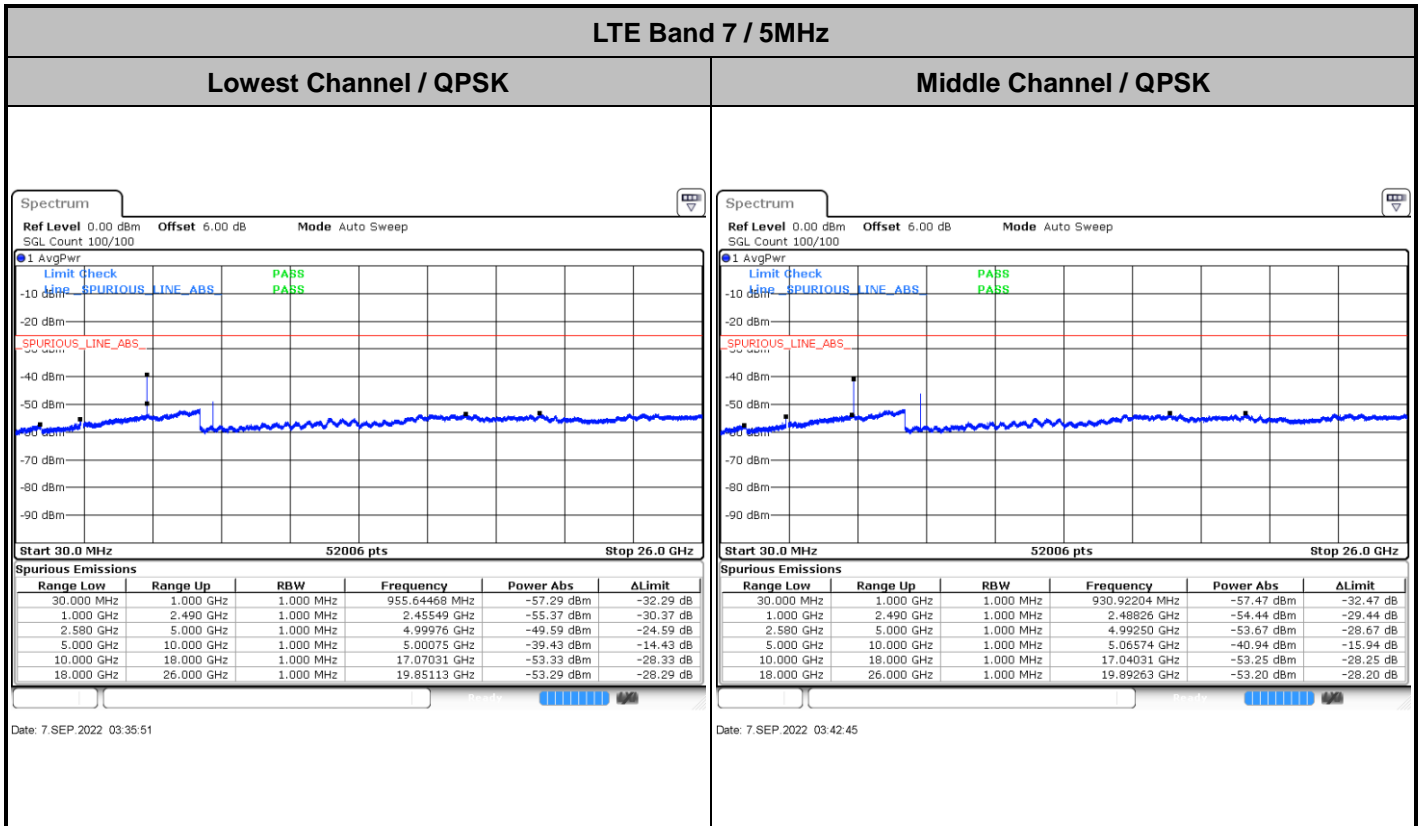
Highest Band Edge / Full RB



Date: 7 SEP.2022 04:47:00



Conducted Spurious Emission

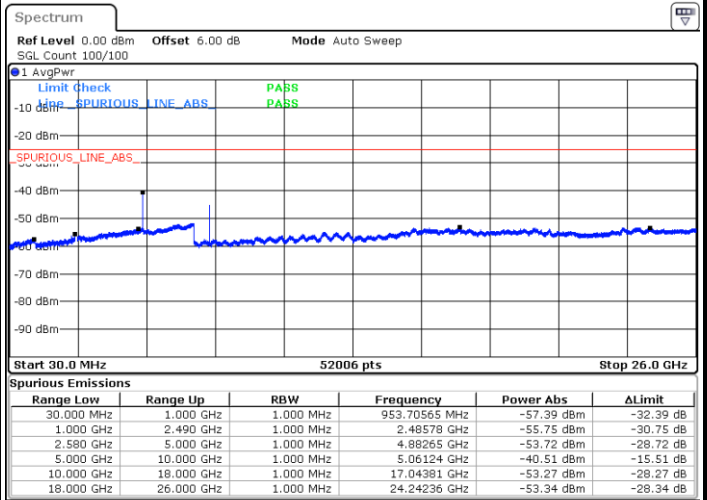
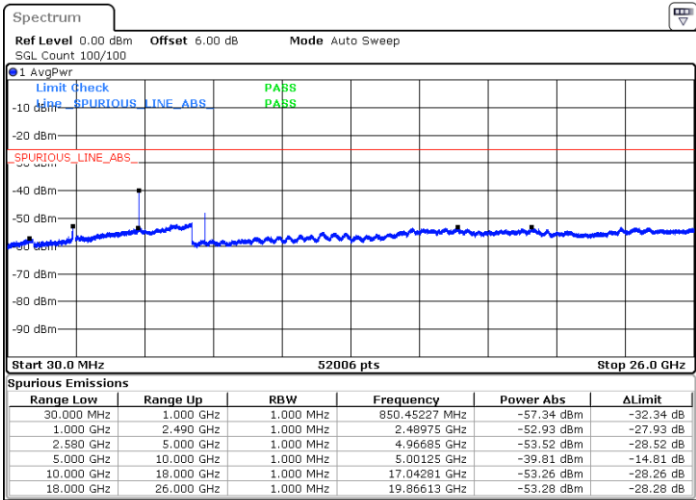




LTE Band 7 / 10MHz

Lowest Channel / QPSK

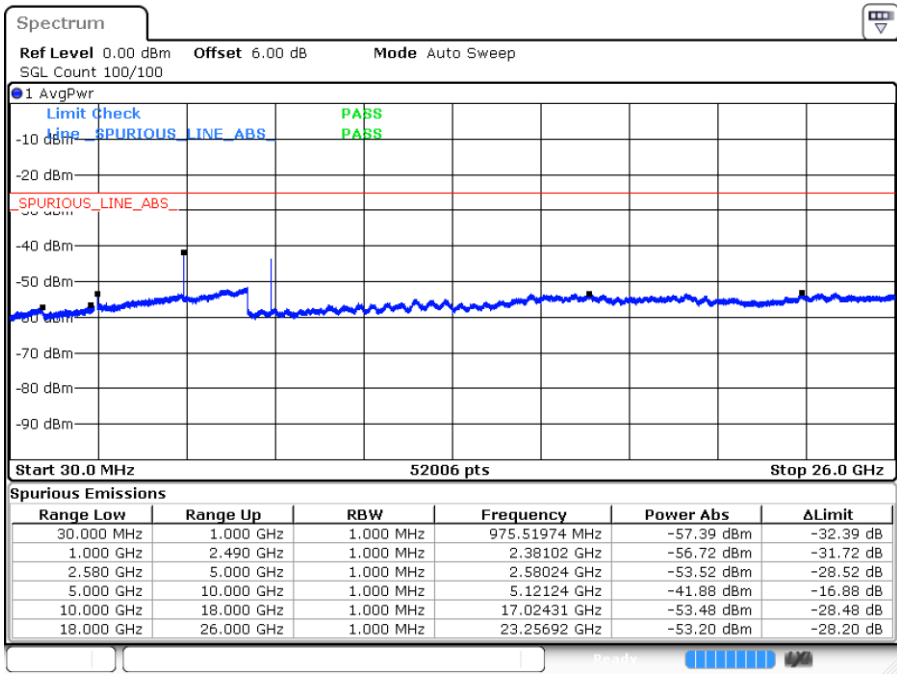
Middle Channel / QPSK



Date: 7.SEP.2022 03:50:59

Date: 7.SEP.2022 03:57:52

Highest Channel / QPSK



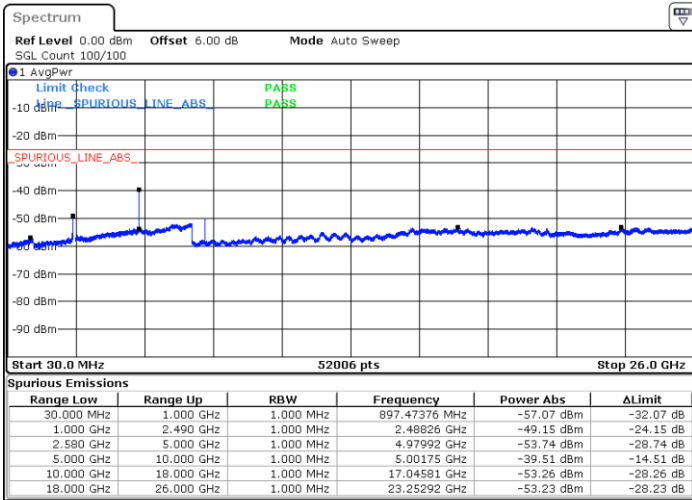
Date: 7.SEP.2022 03:58:12



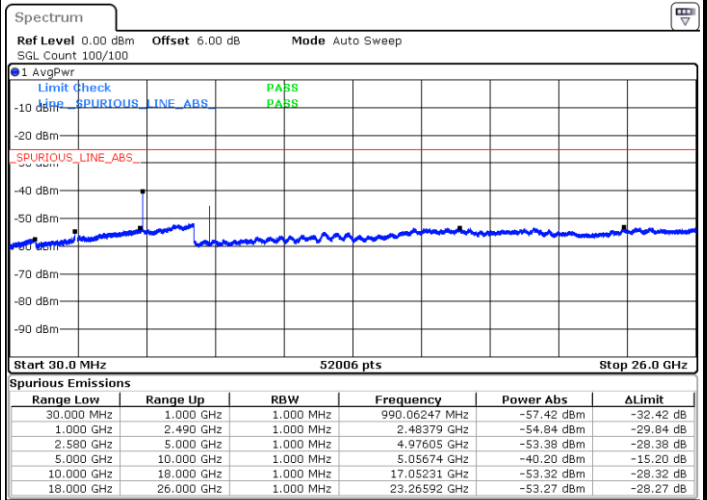
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

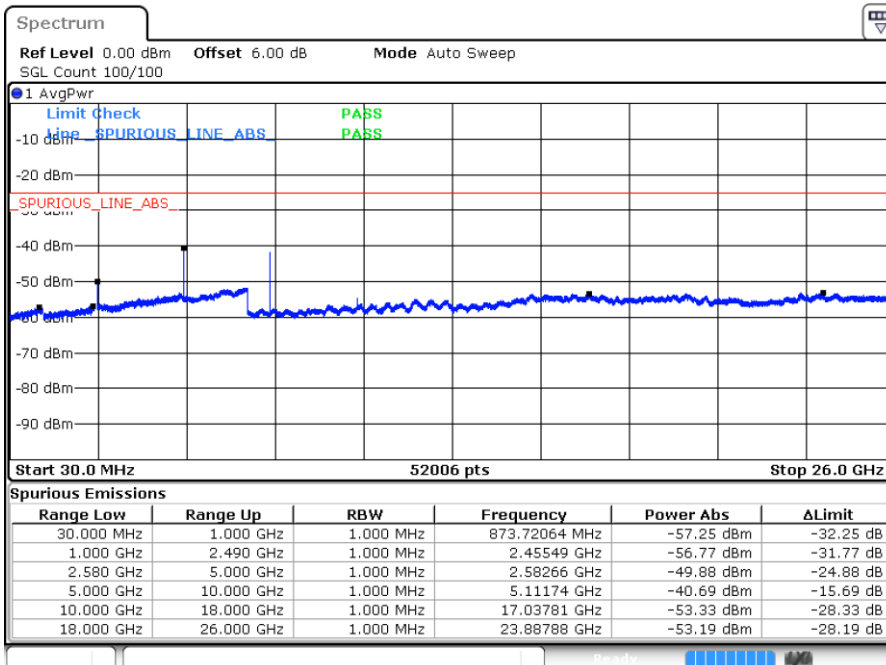


Date: 7.SEP.2022 04:06:06



Date: 7.SEP.2022 04:13:00

Highest Channel / QPSK



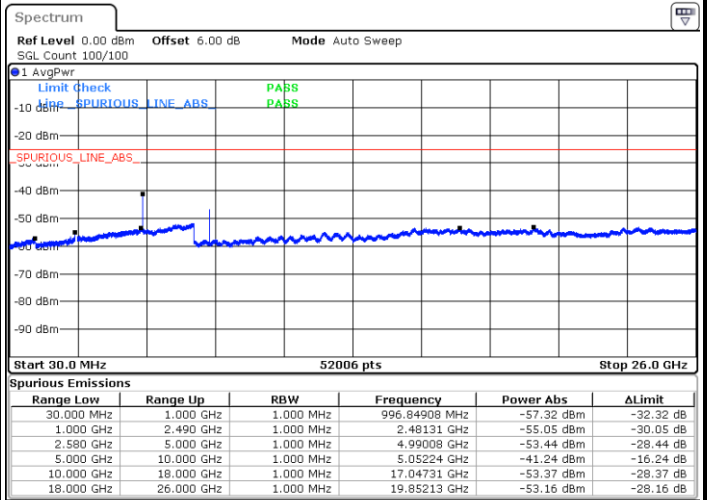
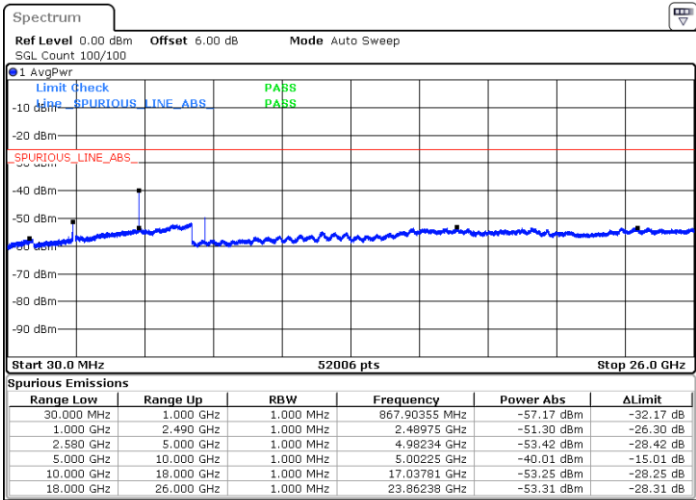
Date: 7 SEP 2022 04:28:09



LTE Band 7 / 20MHz

Lowest Channel / QPSK

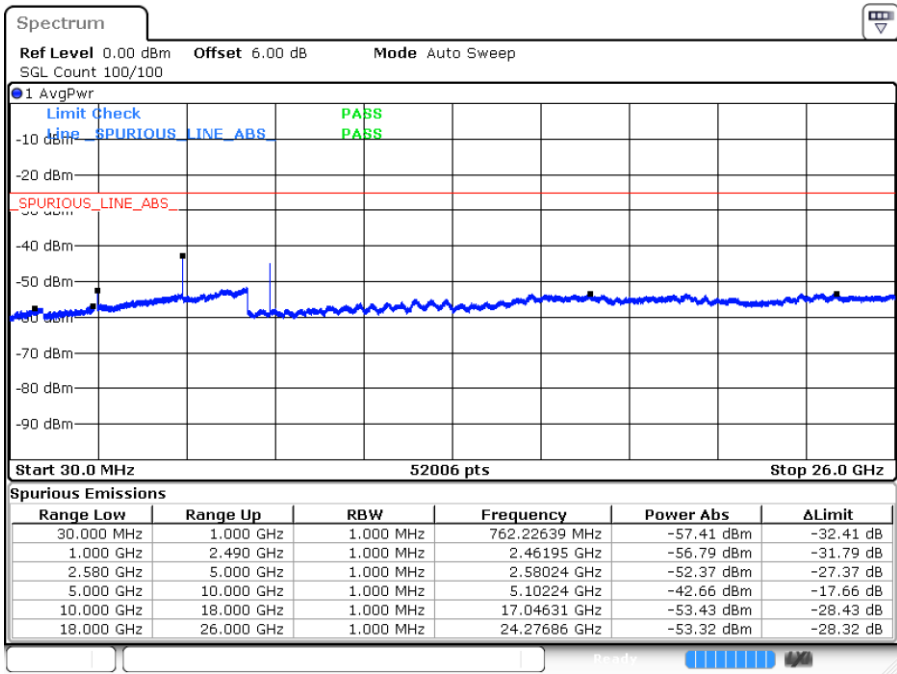
Middle Channel / QPSK



Date: 7.SEP.2022 04:35:04

Date: 7.SEP.2022 04:41:58

Highest Channel / QPSK



Date: 7.SEP.2022 04:43:17



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	0.0015	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

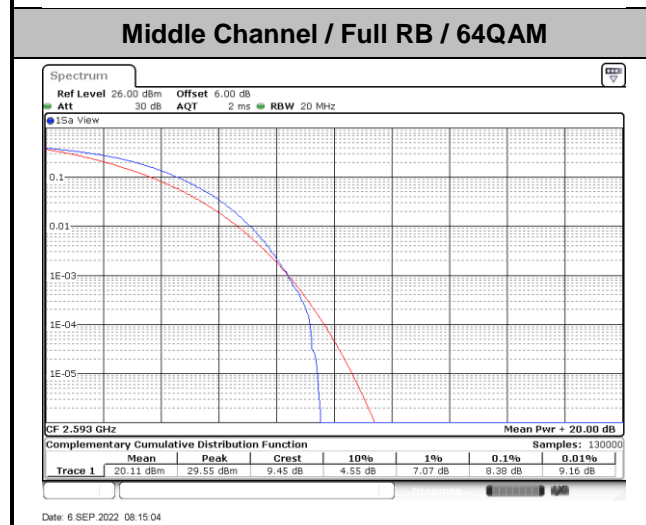
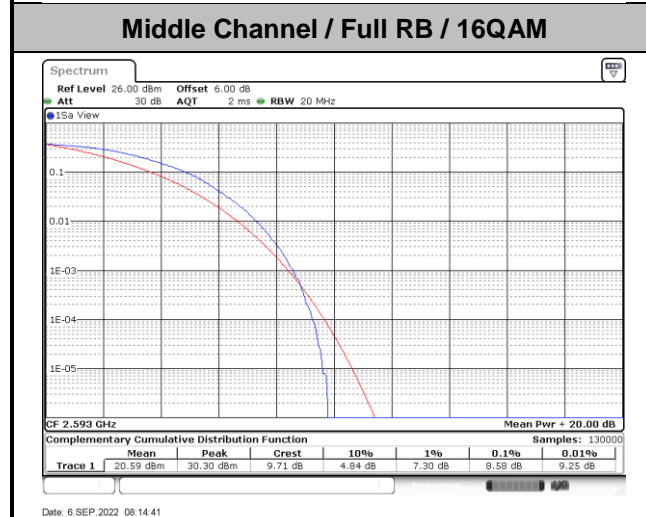
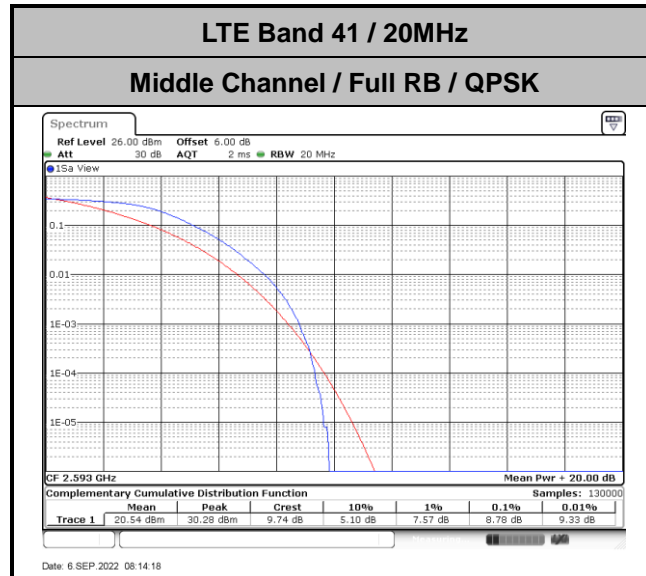
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(PA1)

Peak-to-Average Ratio

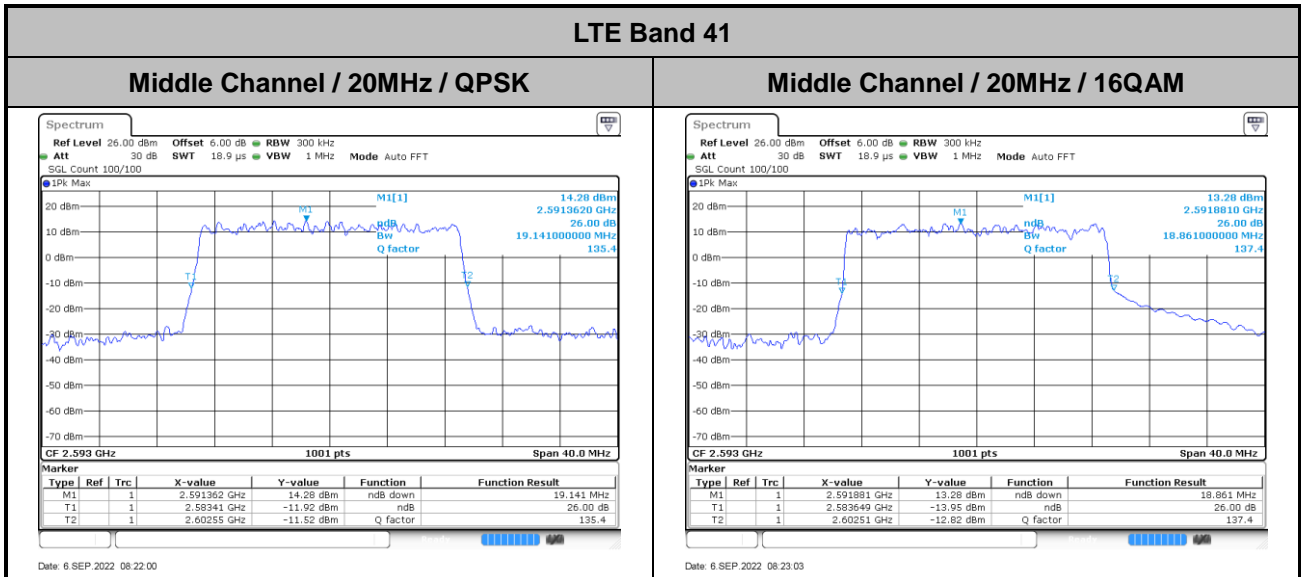
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	8.78	8.58	8.38	PASS





26dB Bandwidth

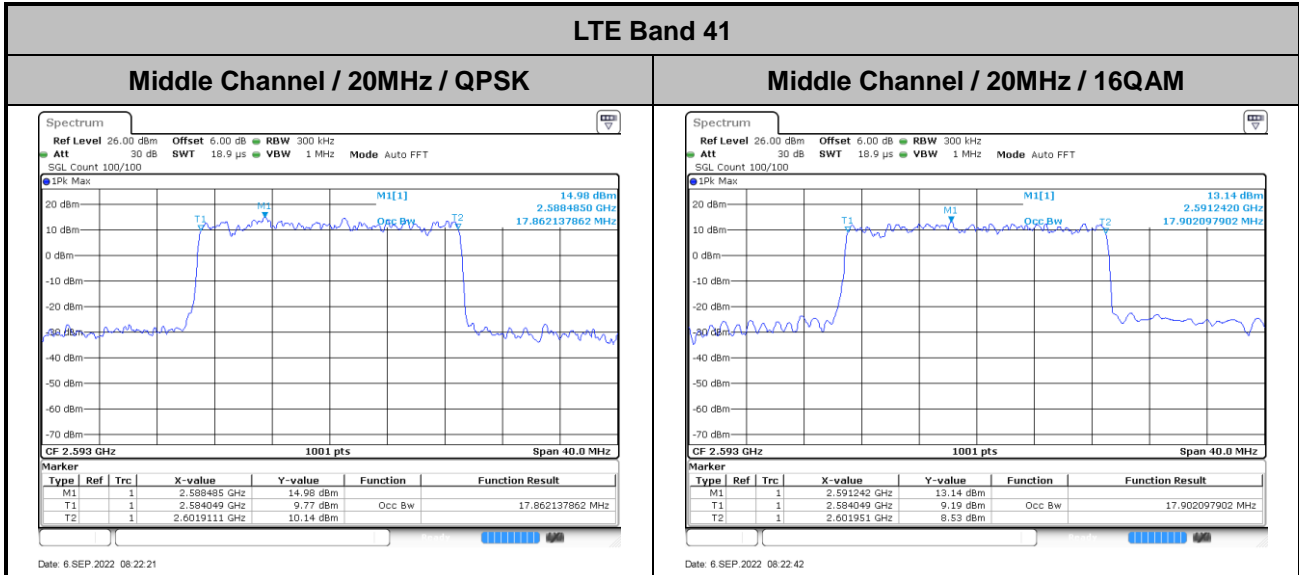
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.14	18.86





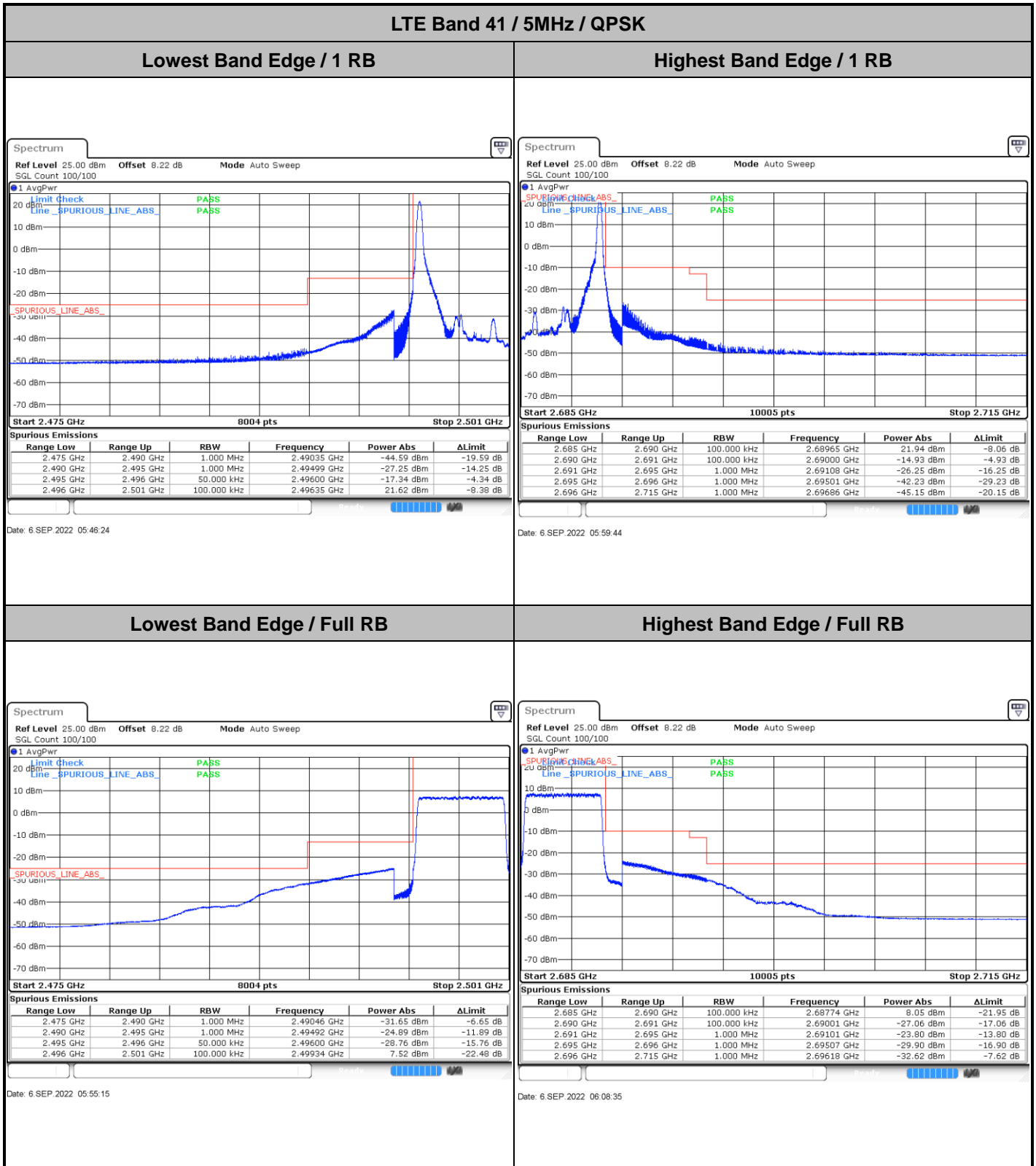
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.90





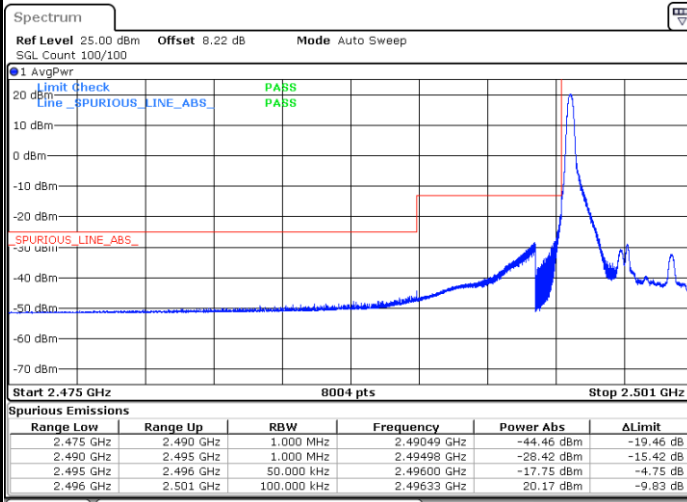
Conducted Band Edge





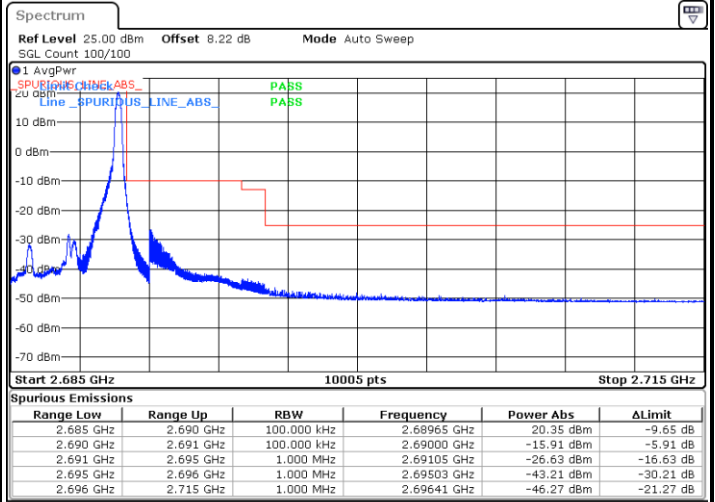
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



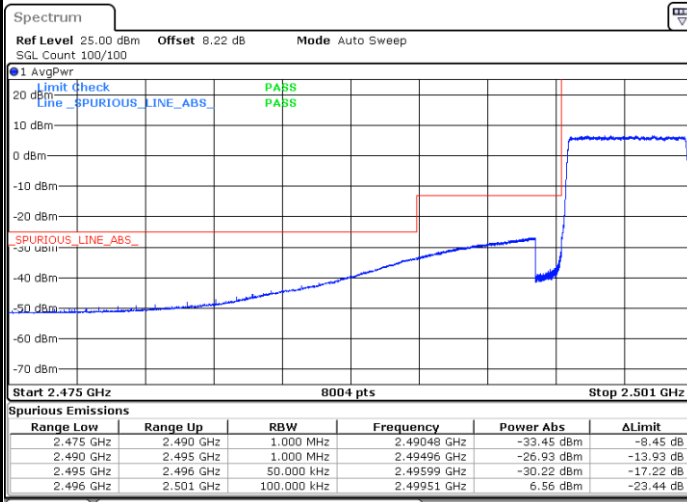
Date: 6 SEP.2022 05:48:10

Highest Band Edge / 1 RB



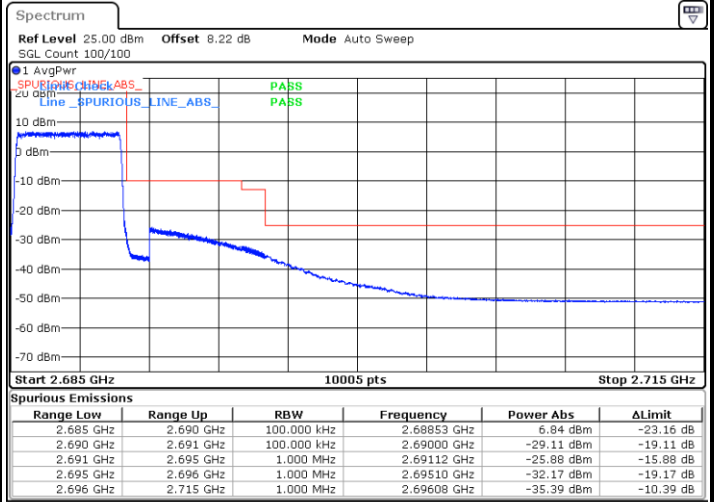
Date: 6 SEP.2022 06:01:30

Lowest Band Edge / Full RB



Date: 6 SEP.2022 05:53:29

Highest Band Edge / Full RB

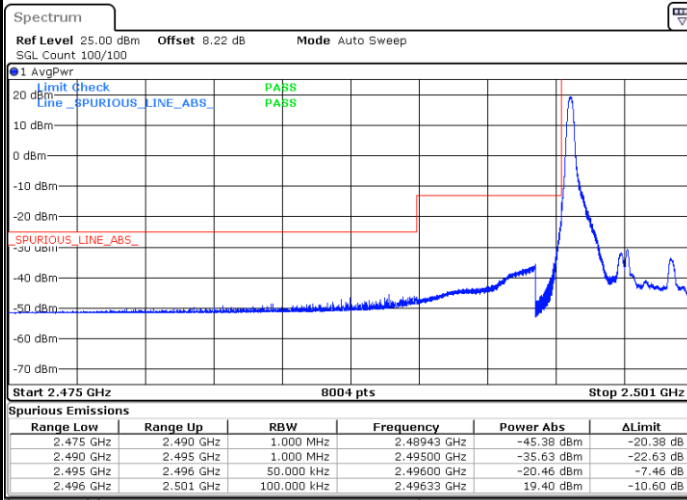


Date: 6 SEP.2022 06:06:49



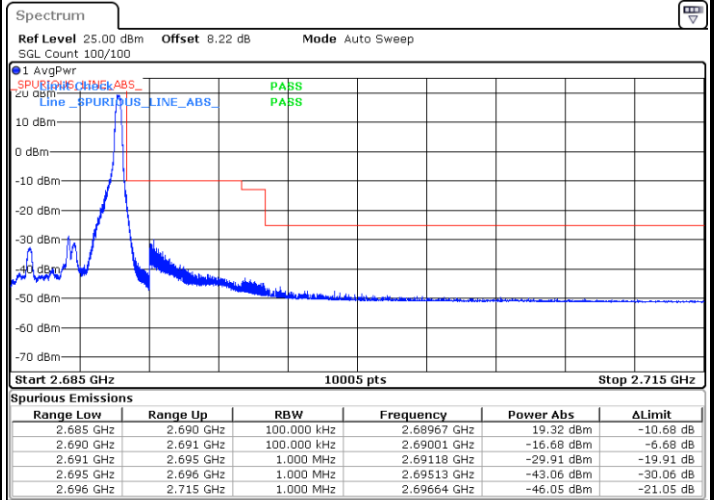
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



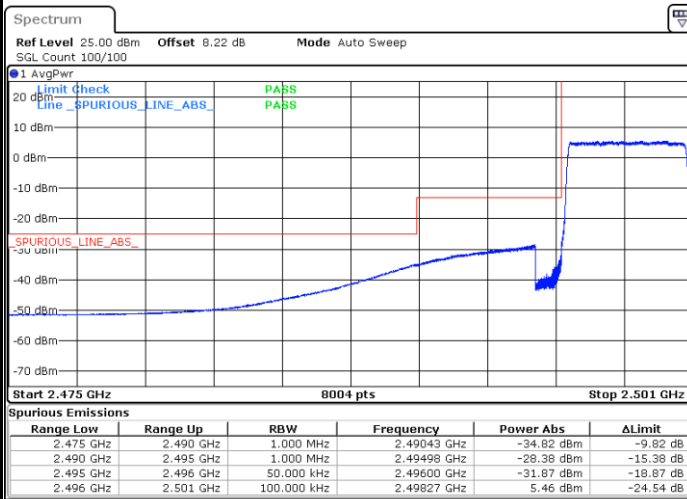
Date: 6 SEP.2022 05:49:56

Highest Band Edge / 1 RB



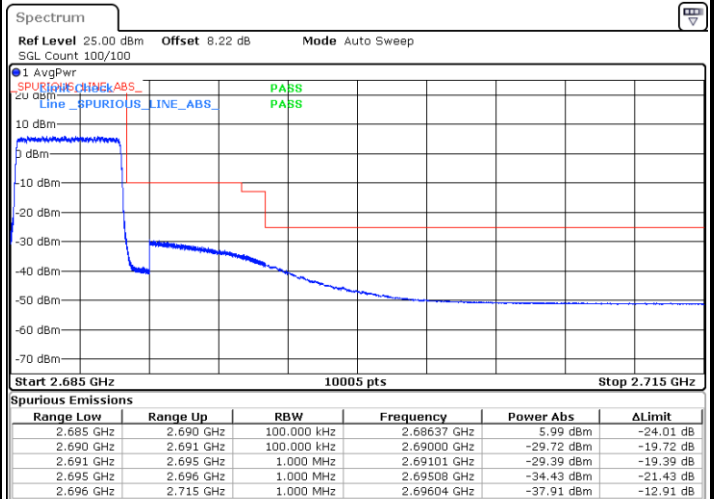
Date: 6 SEP.2022 06:03:17

Lowest Band Edge / Full RB



Date: 6 SEP.2022 05:51:43

Highest Band Edge / Full RB

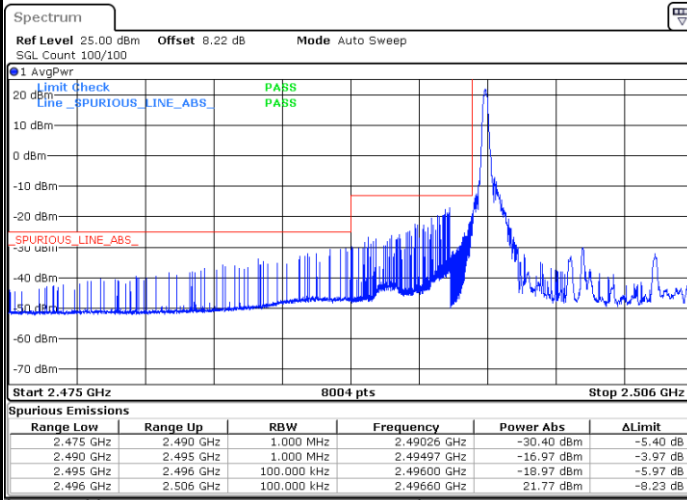


Date: 6 SEP.2022 06:05:03



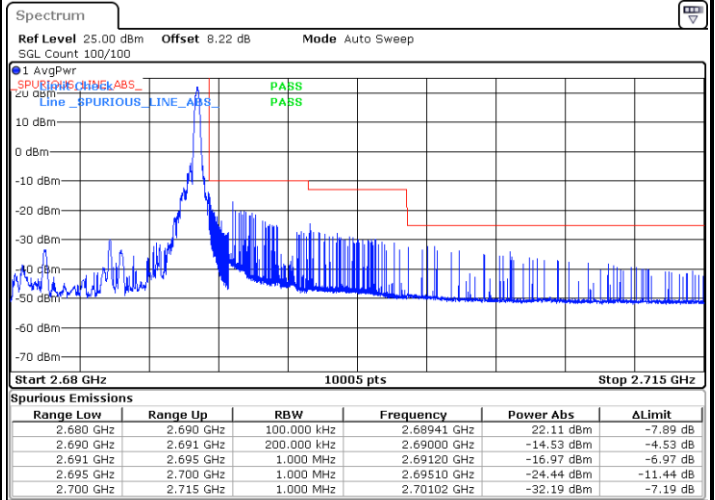
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



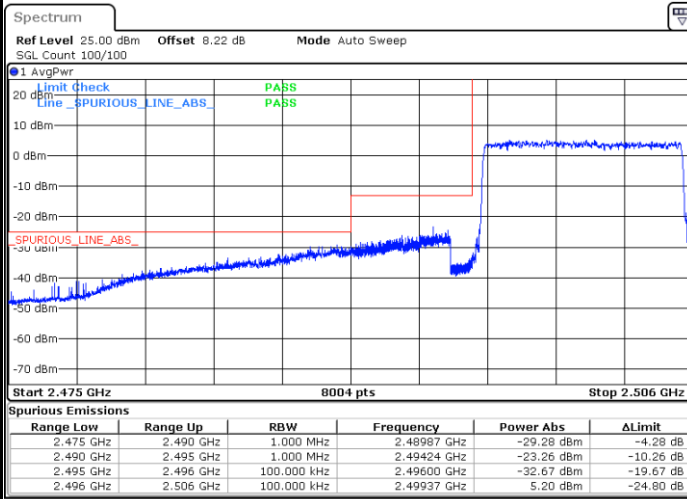
Date: 6 SEP.2022 06:25:14

Highest Band Edge / 1 RB



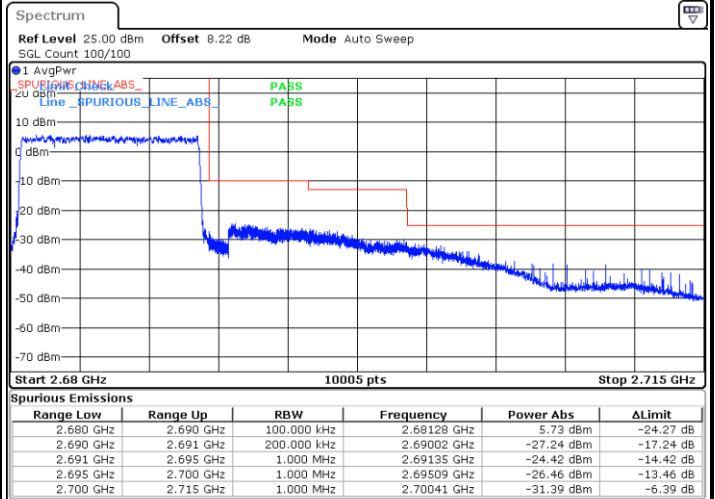
Date: 6 SEP.2022 06:31:14

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:29:08

Highest Band Edge / Full RB

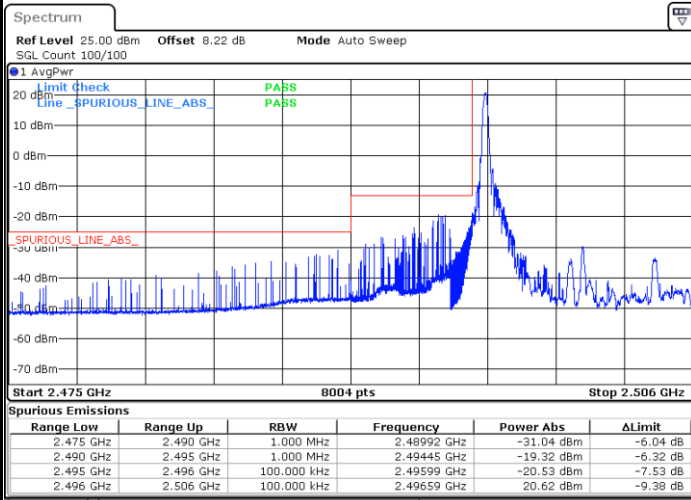


Date: 6 SEP.2022 06:35:03



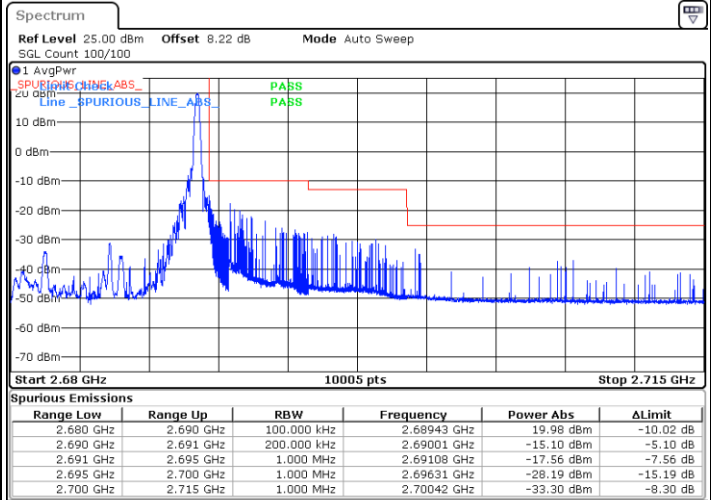
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



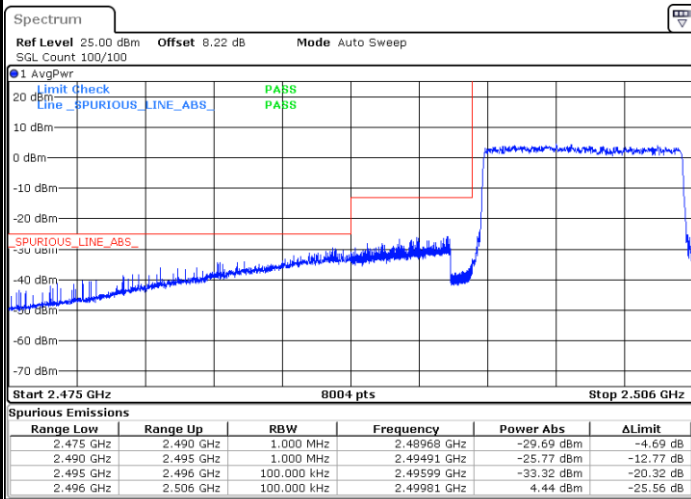
Date: 6 SEP.2022 06:26:00

Highest Band Edge / 1 RB



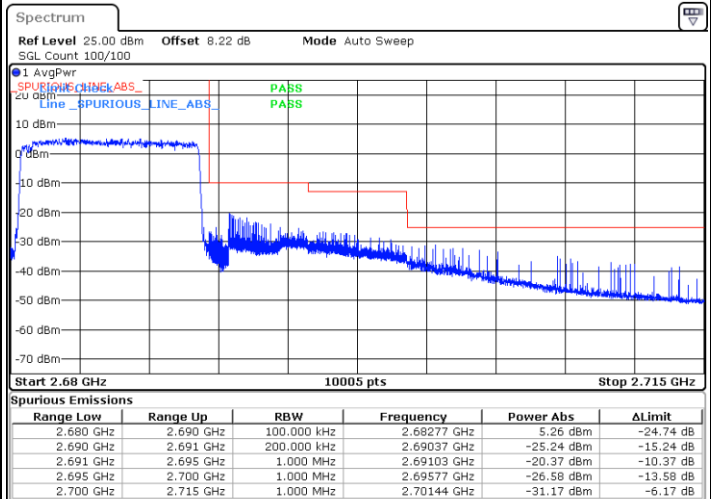
Date: 6 SEP.2022 06:32:00

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:28:21

Highest Band Edge / Full RB

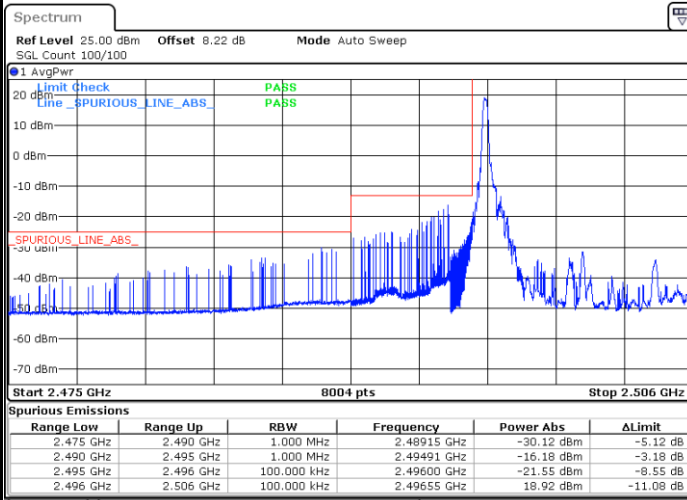


Date: 6 SEP.2022 06:34:18



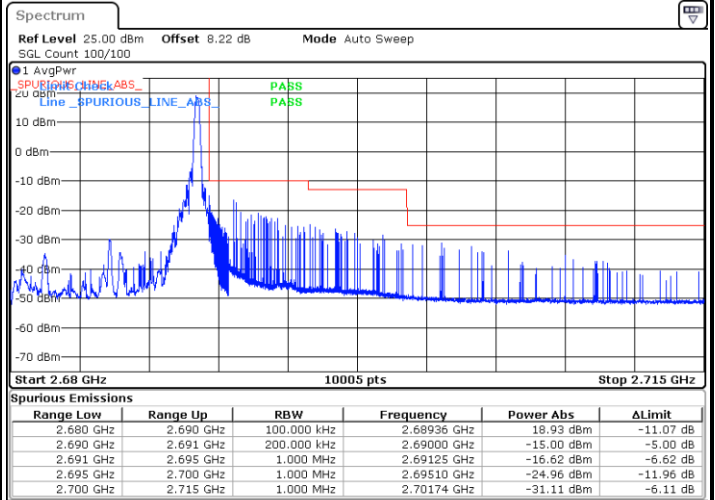
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



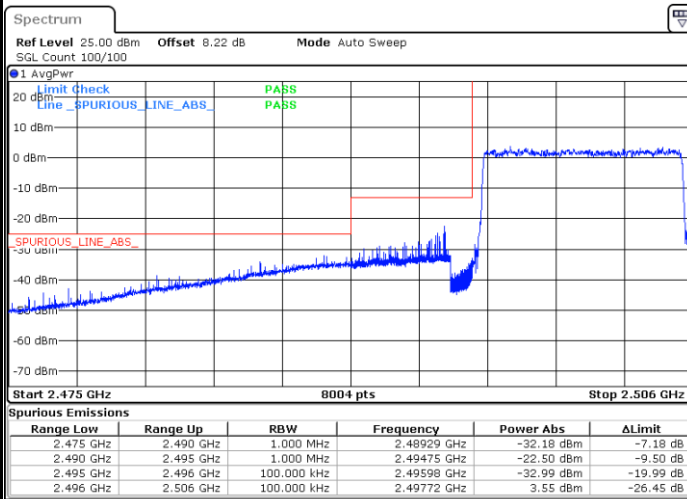
Date: 6 SEP.2022 06:26:49

Highest Band Edge / 1 RB



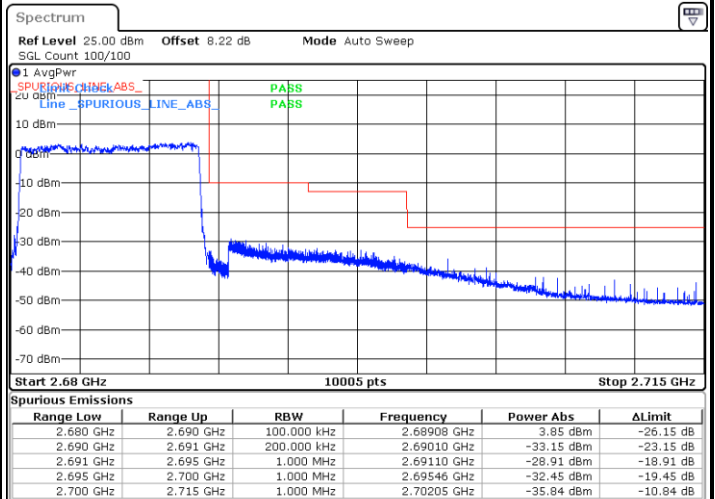
Date: 6 SEP.2022 06:32:46

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:27:35

Highest Band Edge / Full RB

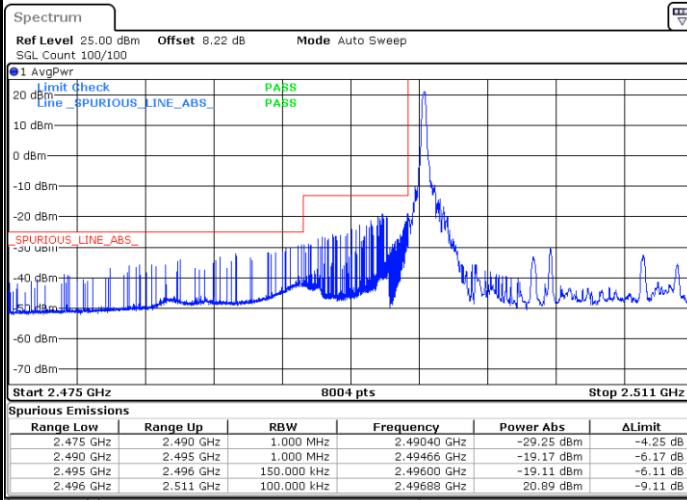


Date: 6 SEP.2022 06:33:32



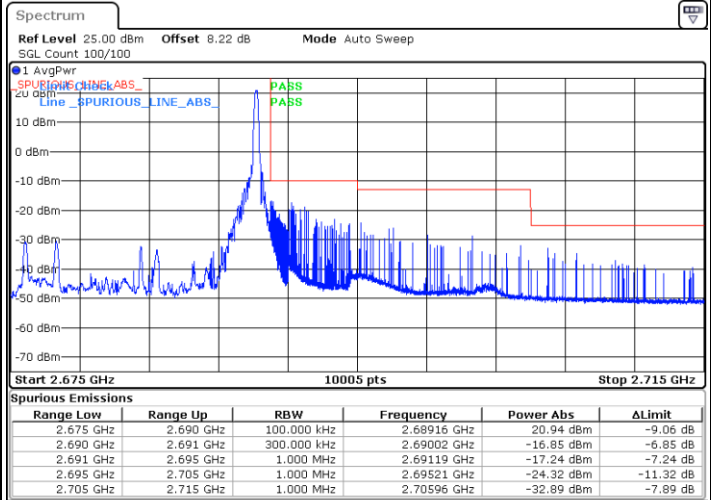
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



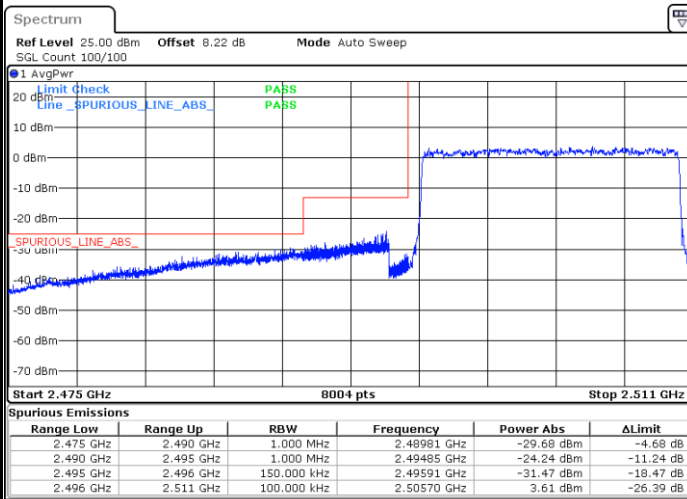
Date: 6 SEP.2022 06:37:12

Highest Band Edge / 1 RB



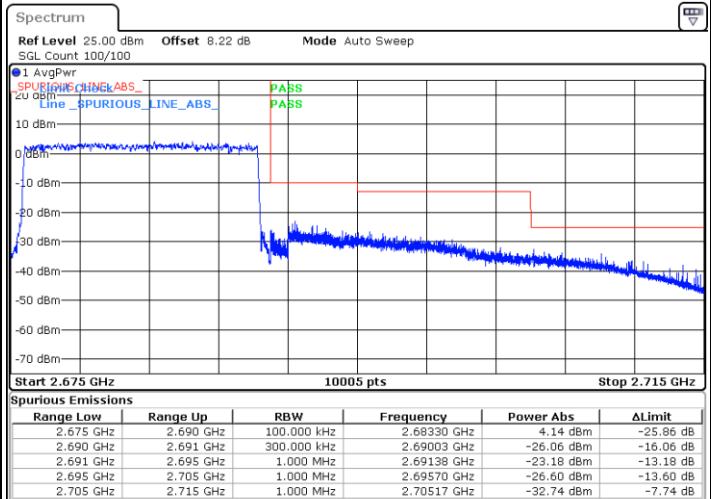
Date: 6 SEP.2022 06:44:30

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:41:02

Highest Band Edge / Full RB

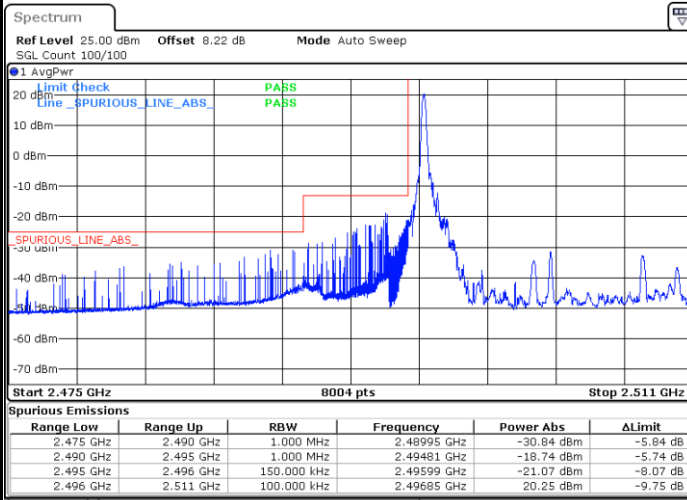


Date: 6 SEP.2022 06:48:19



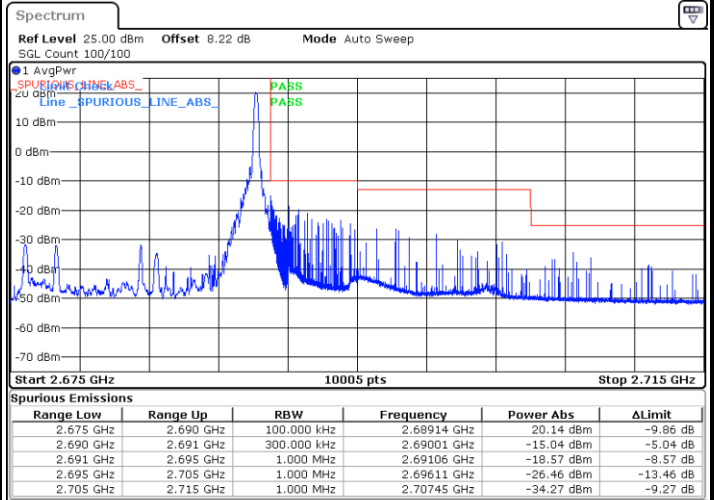
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



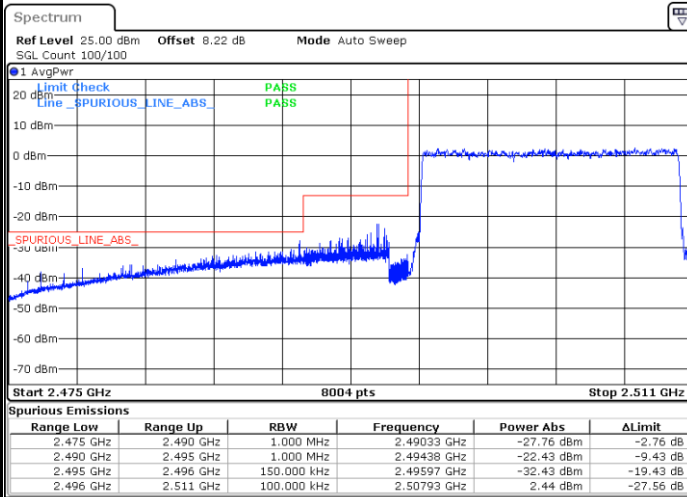
Date: 6 SEP.2022 06:37:58

Highest Band Edge / 1 RB



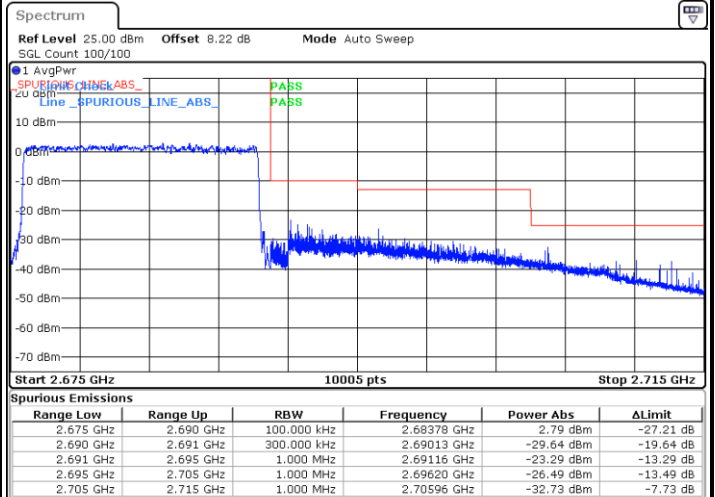
Date: 6 SEP.2022 06:45:16

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:40:16

Highest Band Edge / Full RB

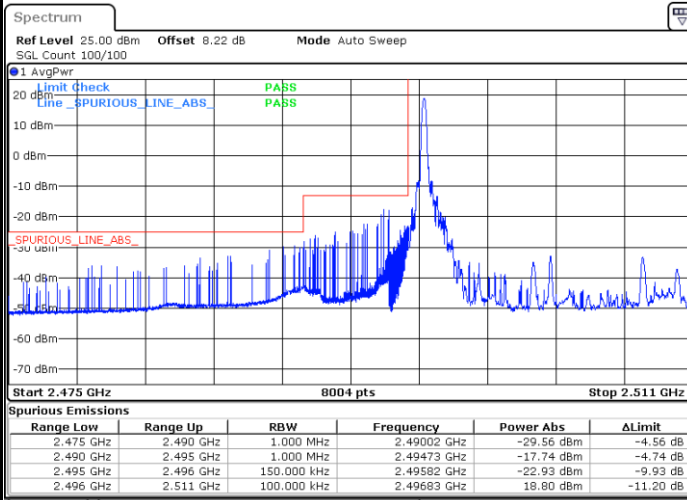


Date: 6 SEP.2022 06:47:34



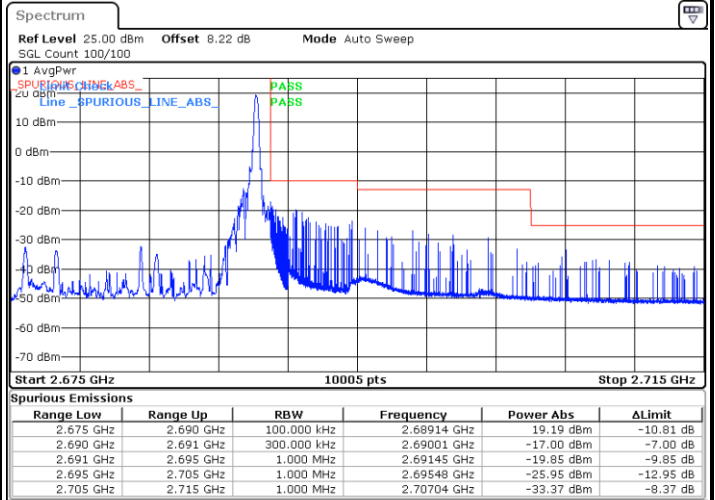
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



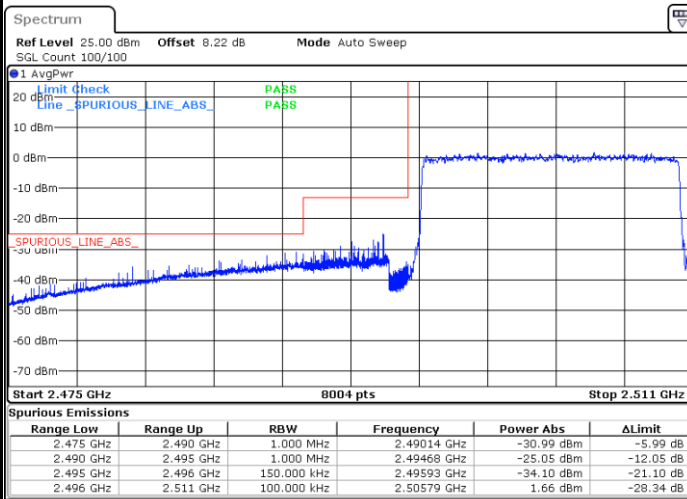
Date: 6 SEP.2022 06:38:44

Highest Band Edge / 1 RB



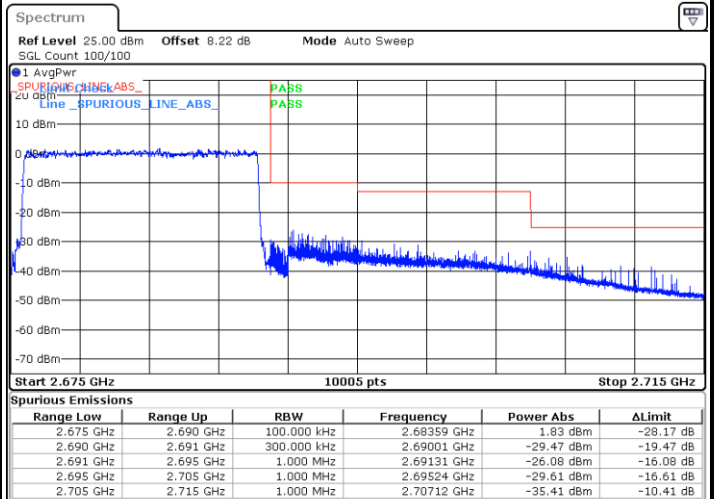
Date: 6 SEP.2022 06:46:02

Lowest Band Edge / Full RB



Date: 6 SEP.2022 06:39:30

Highest Band Edge / Full RB

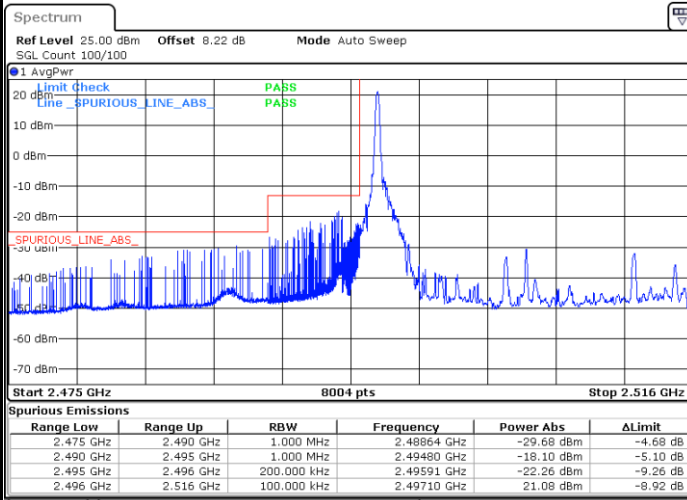


Date: 6 SEP.2022 06:46:48



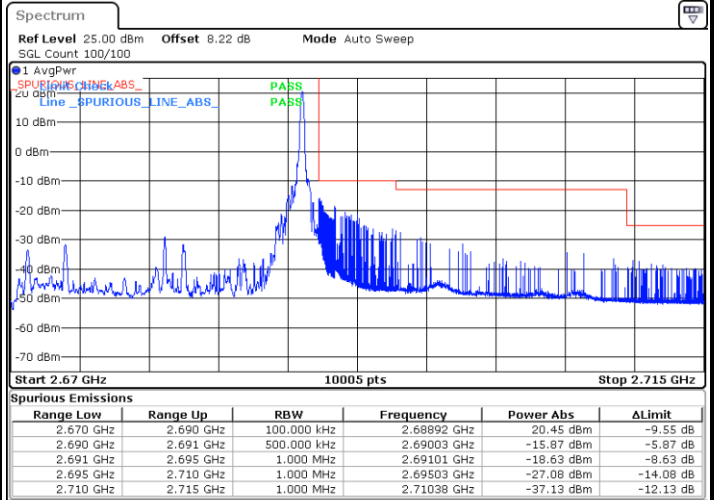
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



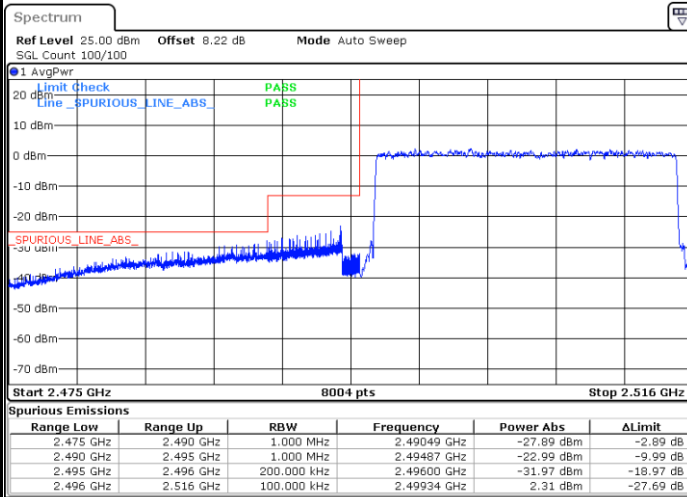
Date: 6 SEP.2022 06:50:28

Highest Band Edge / 1 RB



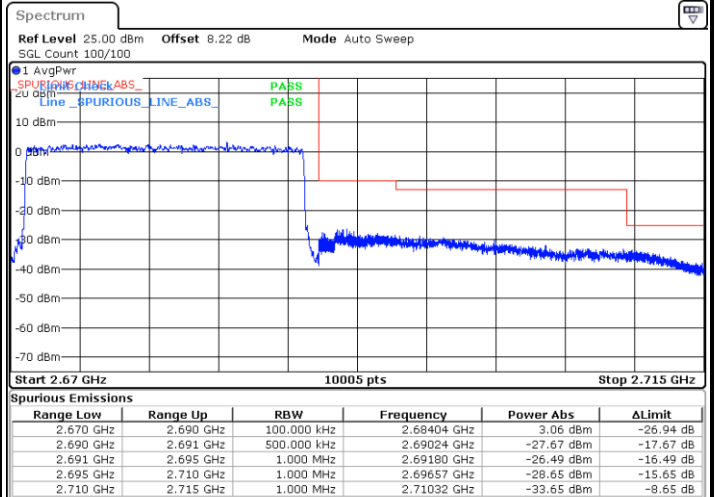
Date: 6 SEP.2022 08:08:41

Lowest Band Edge / Full RB



Date: 6 SEP.2022 08:00:35

Highest Band Edge / Full RB

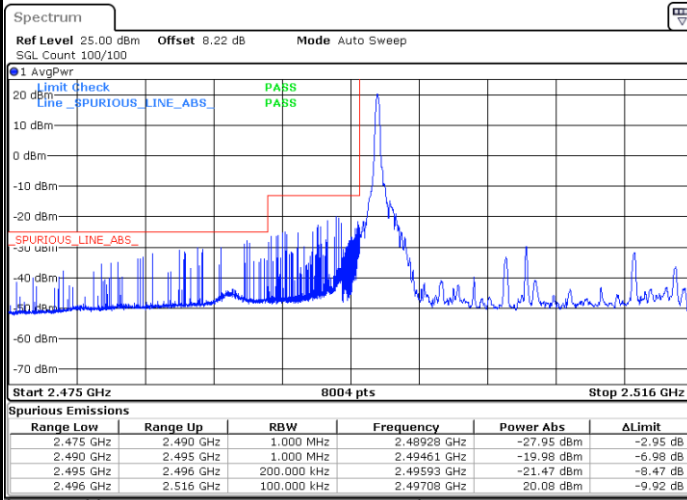


Date: 6 SEP.2022 08:12:30



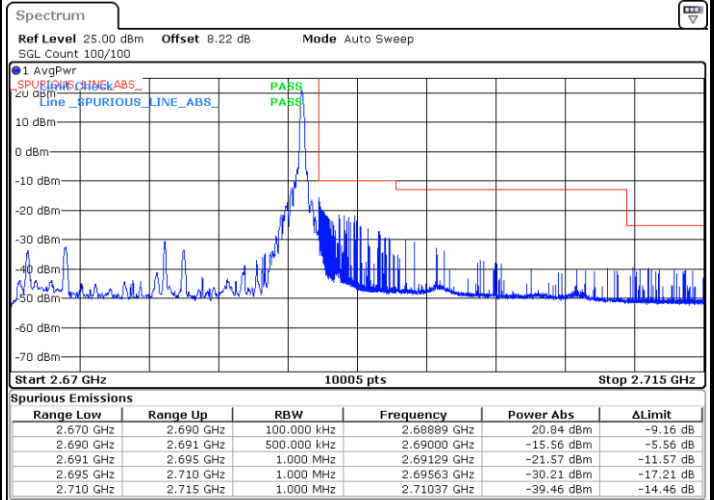
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



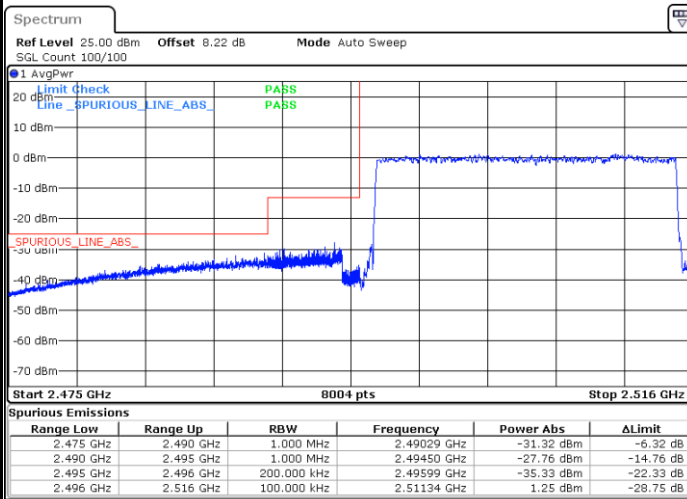
Date: 6 SEP.2022 07:57:30

Highest Band Edge / 1 RB



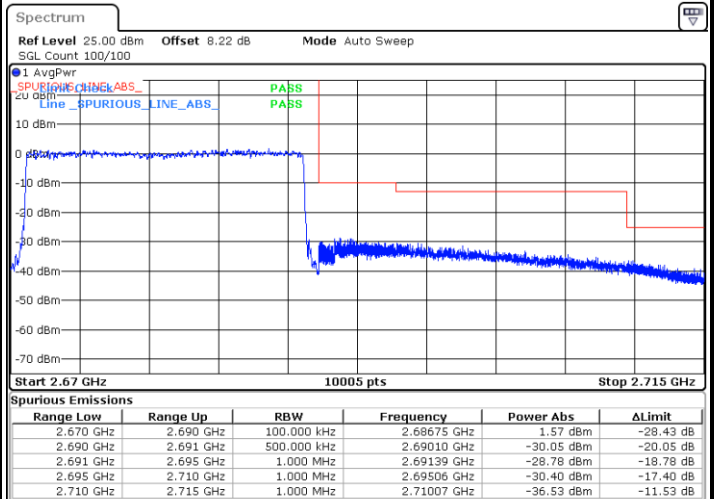
Date: 6 SEP.2022 08:09:27

Lowest Band Edge / Full RB



Date: 6 SEP.2022 07:59:49

Highest Band Edge / Full RB



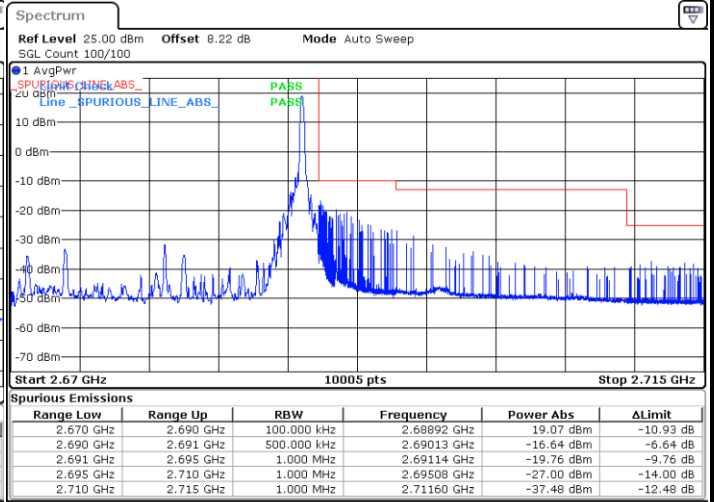
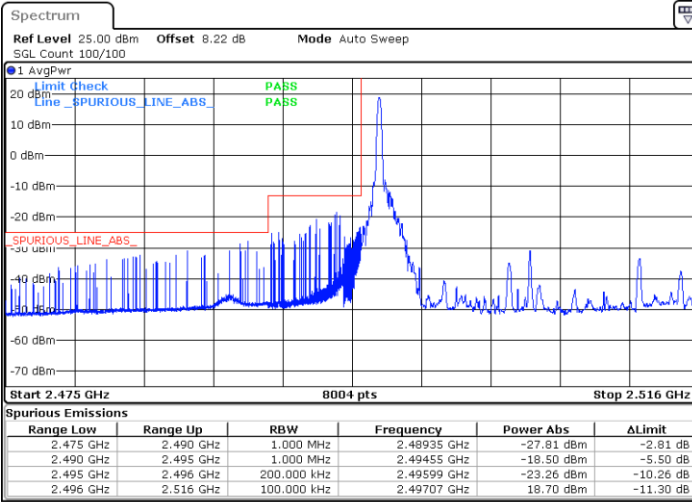
Date: 6 SEP.2022 08:11:44



LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

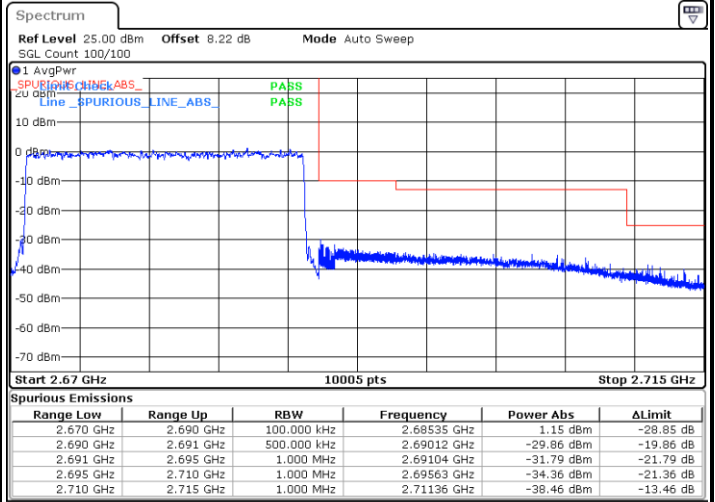
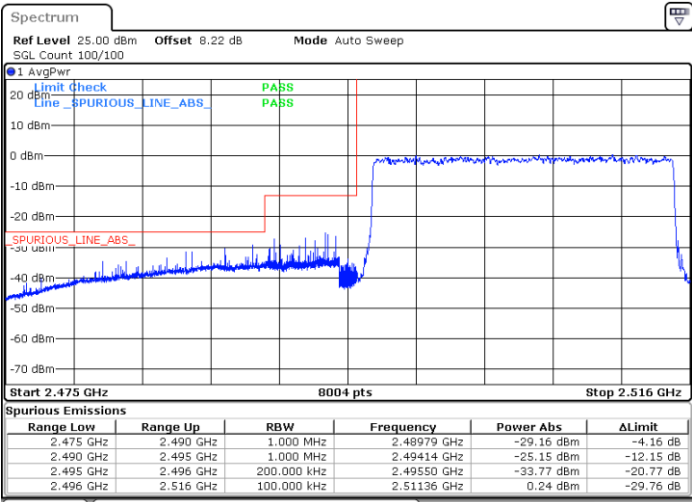


Date: 6 SEP 2022 07:58:17

Date: 6 SEP 2022 08:10:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 SEP 2022 07:59:03

Date: 6 SEP 2022 08:10:59