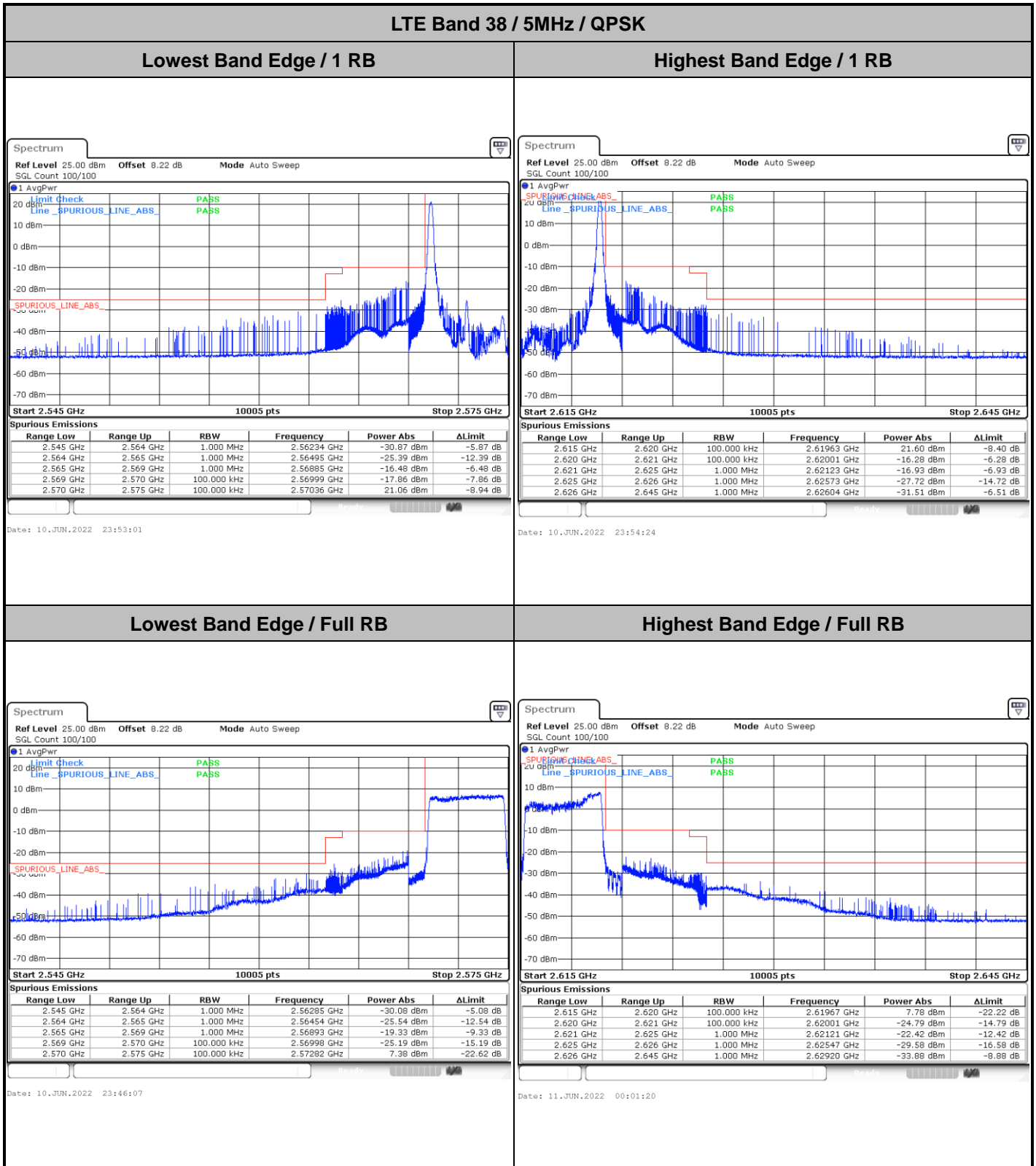




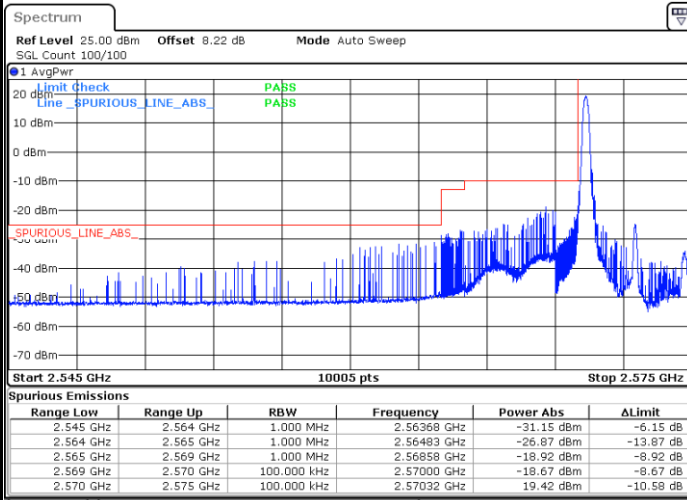
Conducted Band Edge





LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



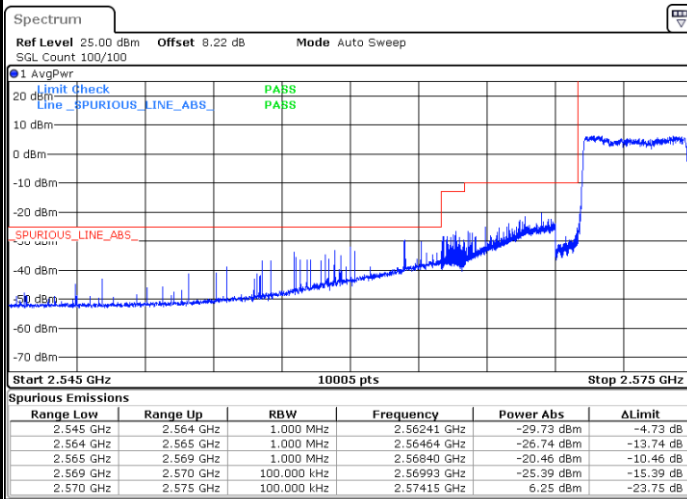
Date: 10 JUN.2022 23:51:39

Highest Band Edge / 1 RB



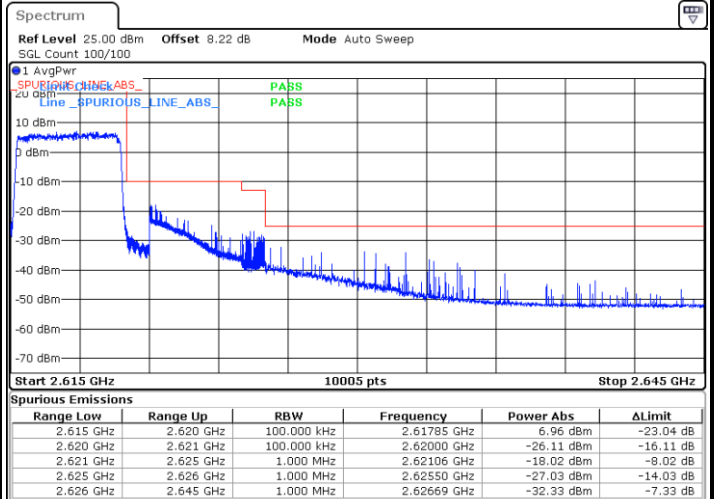
Date: 10 JUN.2022 23:55:47

Lowest Band Edge / Full RB



Date: 10 JUN.2022 23:47:30

Highest Band Edge / Full RB

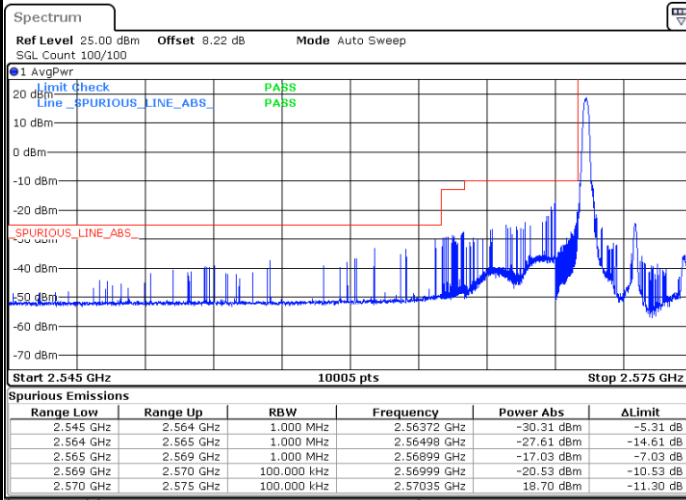


Date: 10 JUN.2022 23:59:57



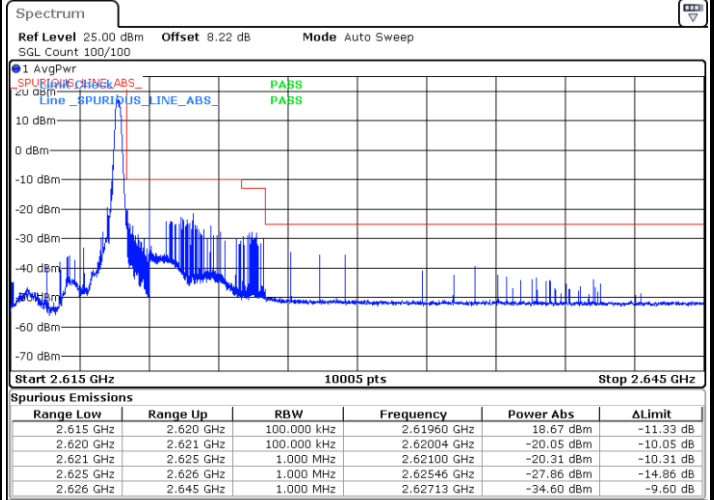
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



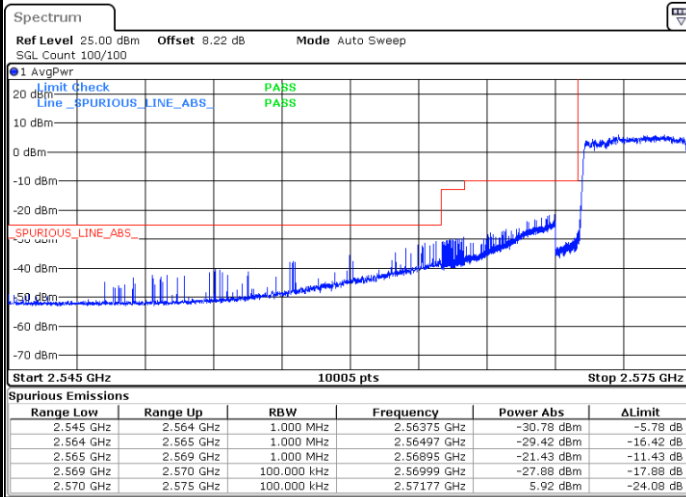
Date: 10 JUN.2022 23:50:16

Highest Band Edge / 1 RB



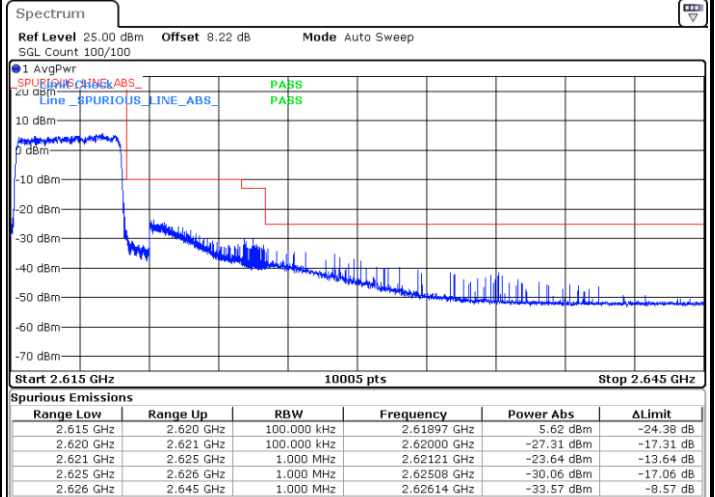
Date: 10 JUN.2022 23:57:10

Lowest Band Edge / Full RB



Date: 10 JUN.2022 23:48:53

Highest Band Edge / Full RB

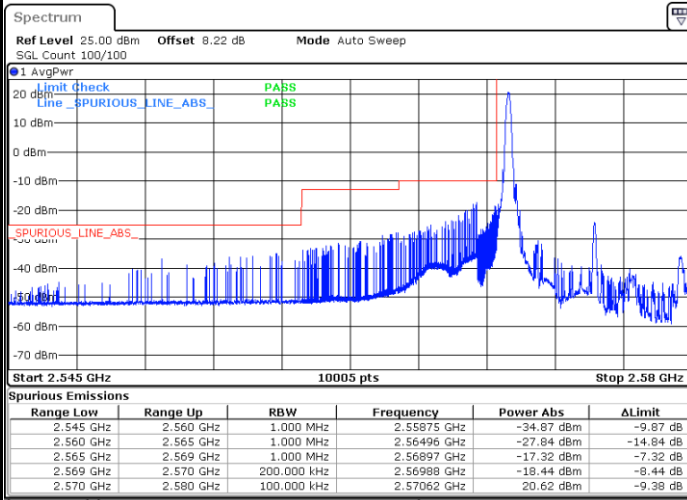


Date: 10 JUN.2022 23:58:33



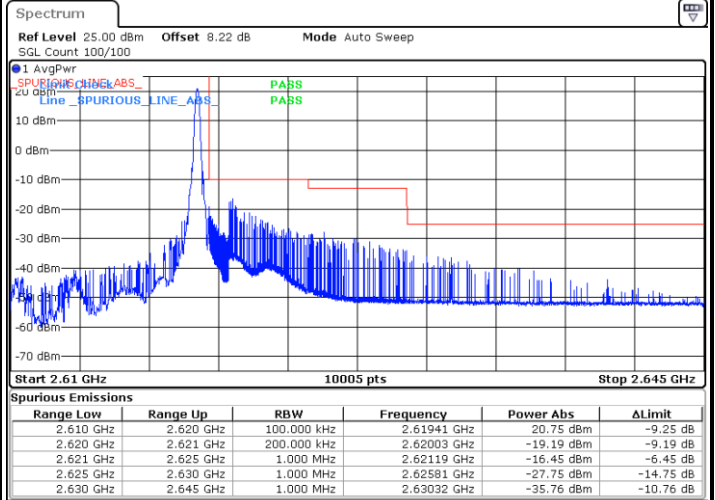
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



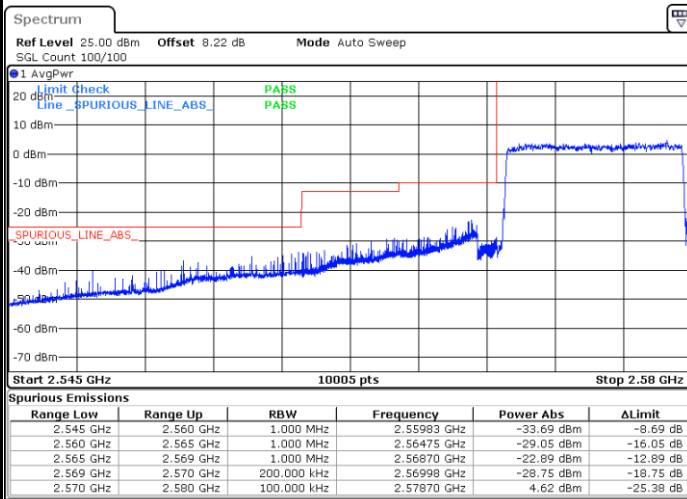
Date: 11.JUN.2022 00:09:37

Highest Band Edge / 1 RB



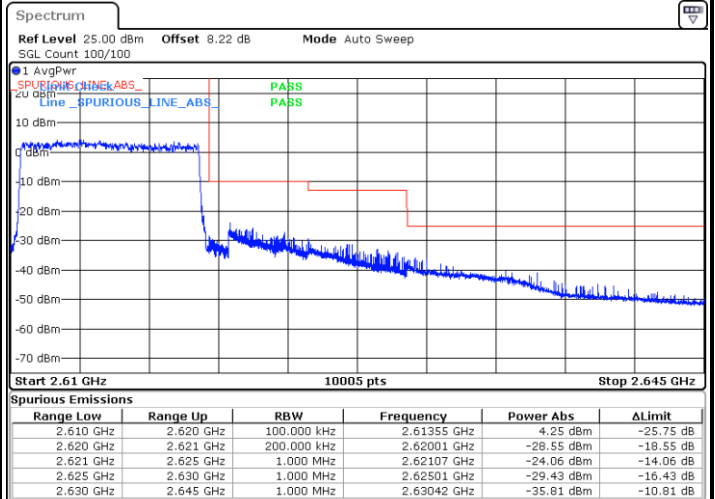
Date: 11.JUN.2022 00:11:00

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:02:43

Highest Band Edge / Full RB

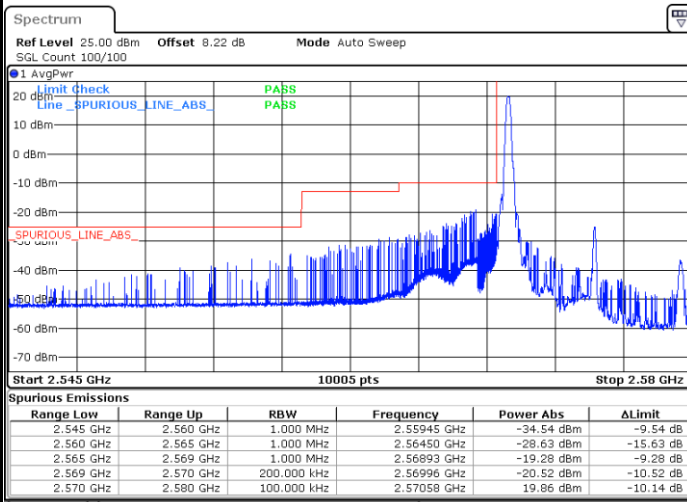


Date: 11.JUN.2022 00:17:53



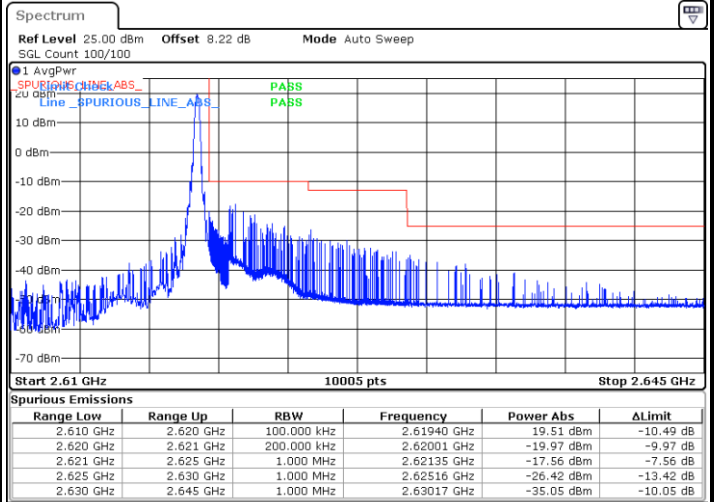
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



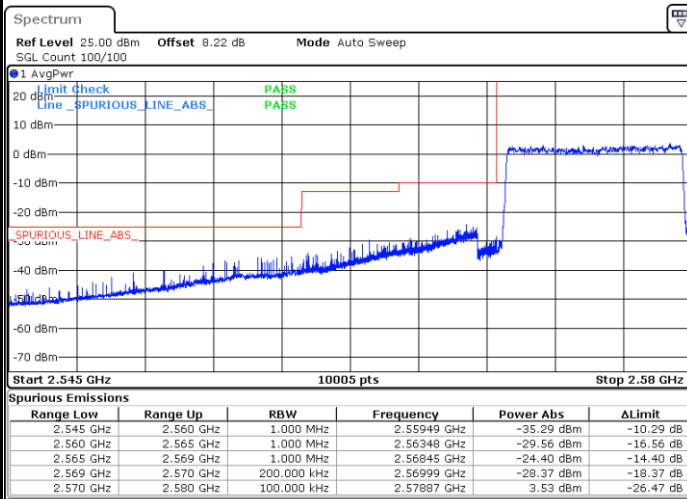
Date: 11.JUN.2022 00:08:14

Highest Band Edge / 1 RB



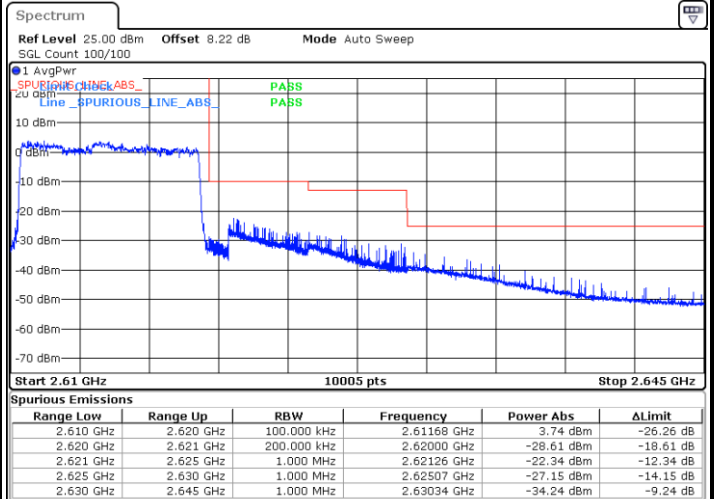
Date: 11.JUN.2022 00:12:22

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:04:06

Highest Band Edge / Full RB

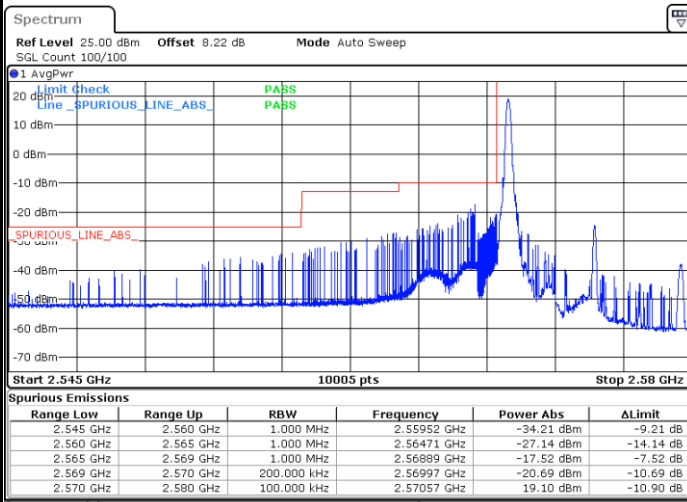


Date: 11.JUN.2022 00:16:30



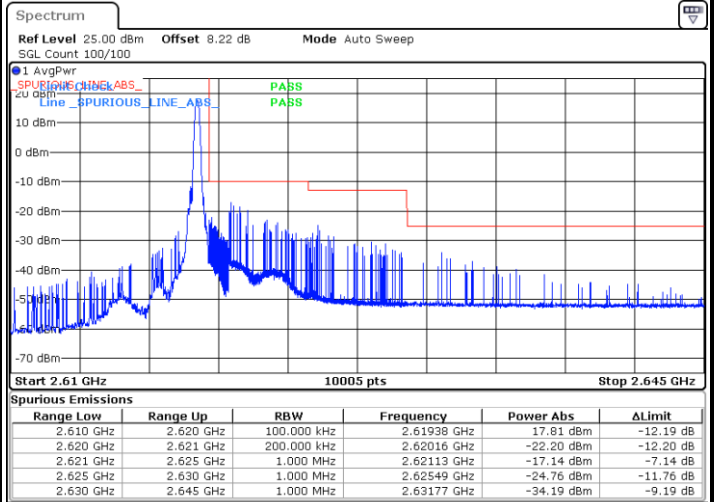
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



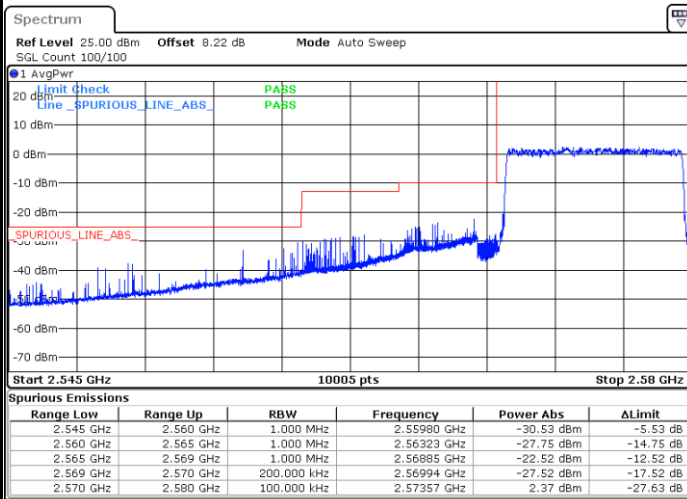
Date: 11.JUN.2022 00:06:51

Highest Band Edge / 1 RB



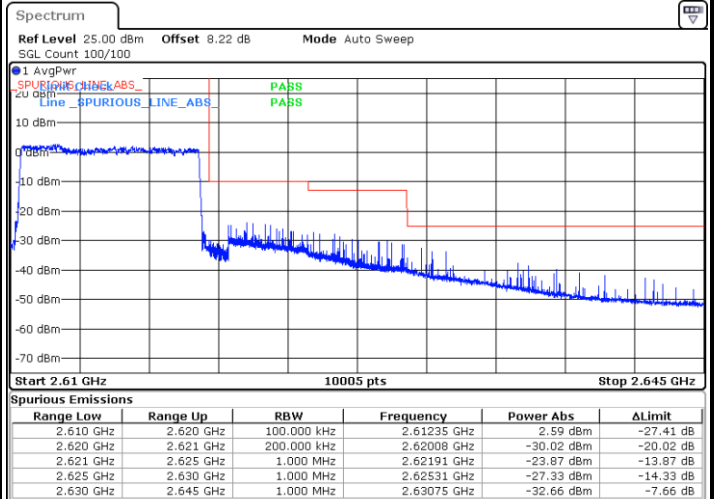
Date: 11.JUN.2022 00:13:45

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:05:29

Highest Band Edge / Full RB

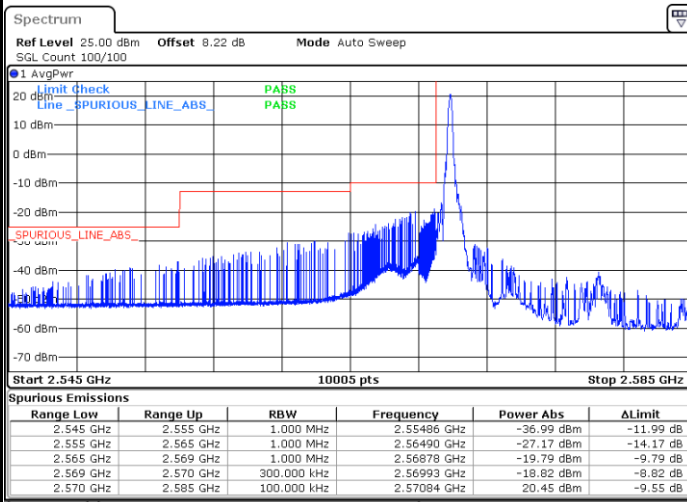


Date: 11.JUN.2022 00:15:08



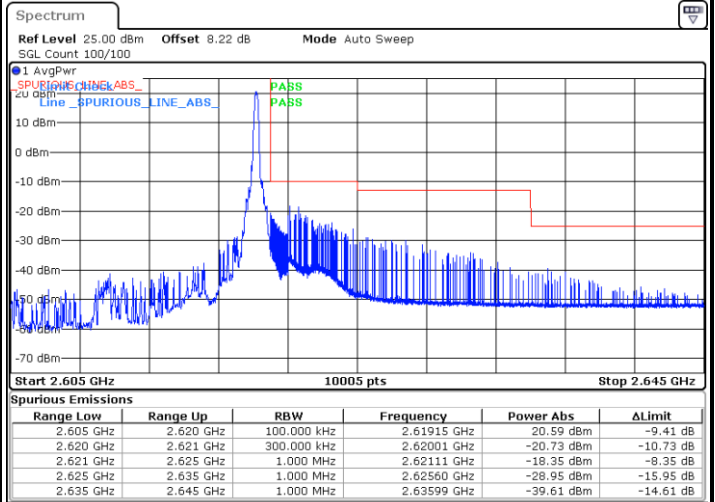
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



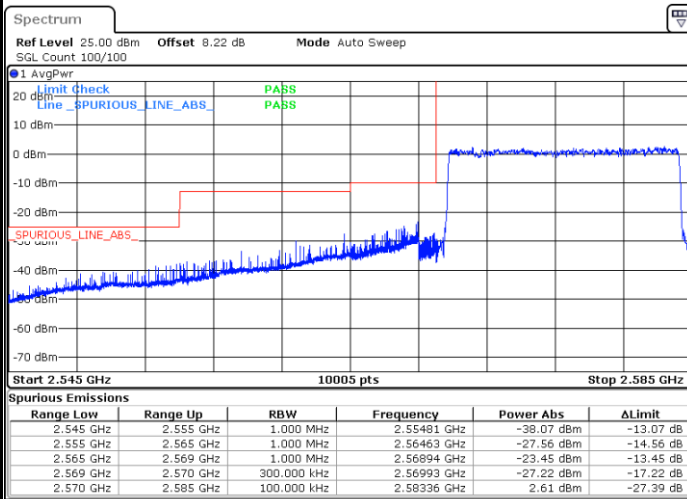
Date: 11.JUN.2022 00:26:11

Highest Band Edge / 1 RB



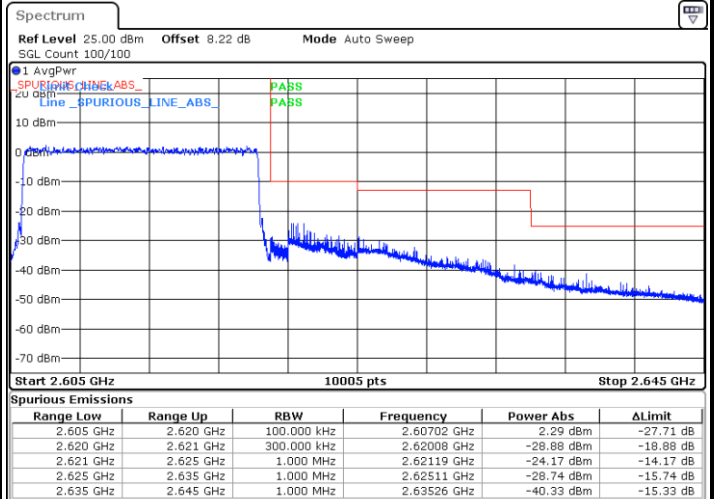
Date: 11.JUN.2022 00:27:34

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:19:17

Highest Band Edge / Full RB

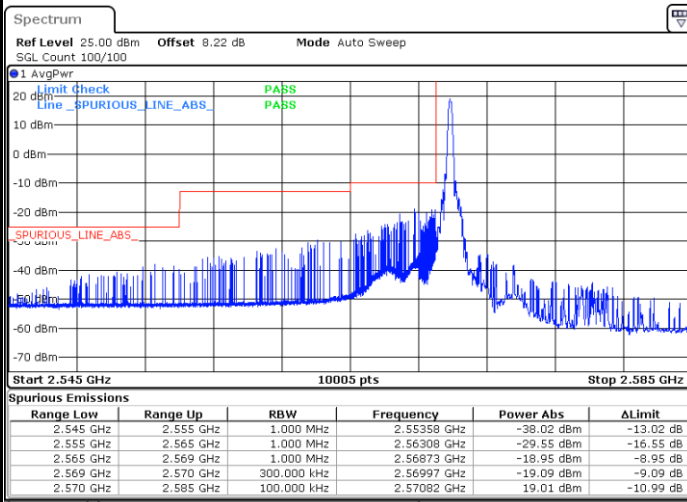


Date: 11.JUN.2022 00:34:28

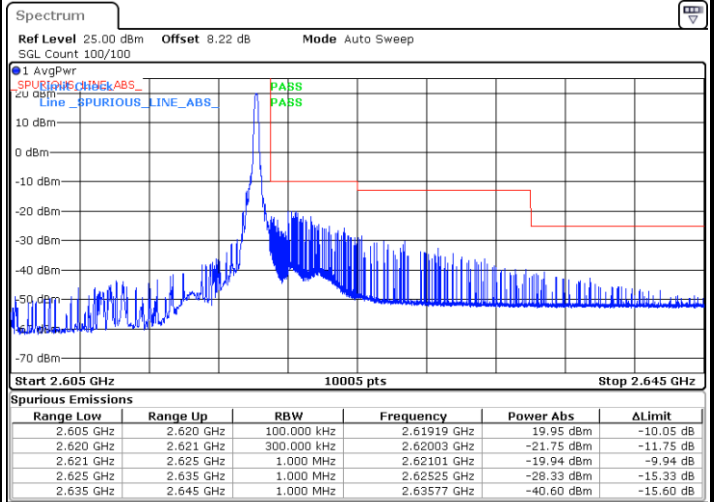


LTE Band 38 / 15MHz / 16QAM

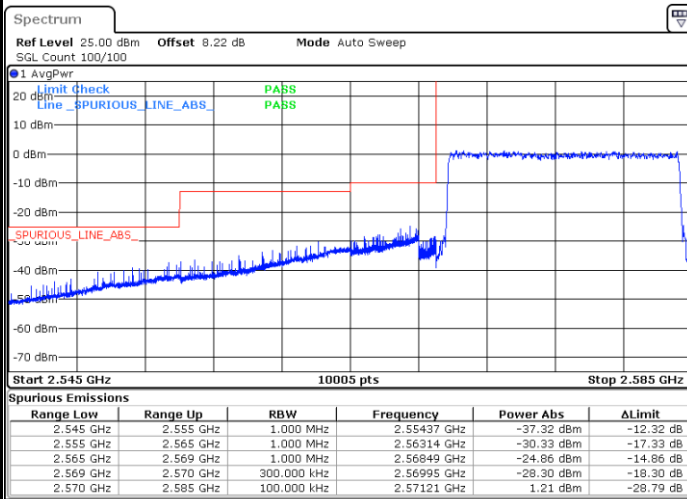
Lowest Band Edge / 1 RB



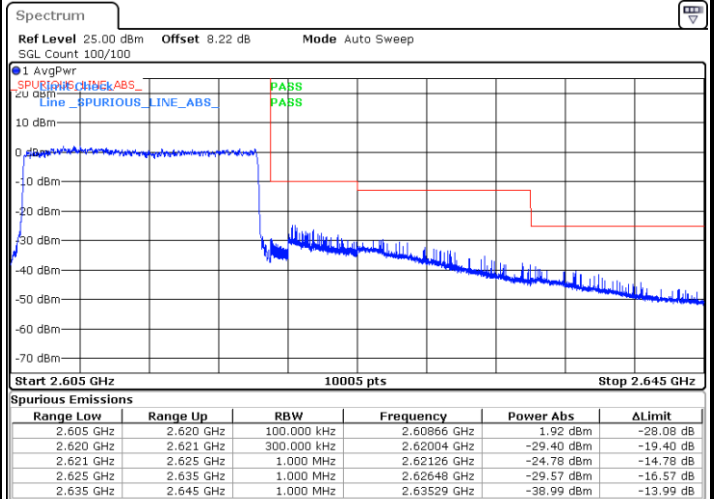
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



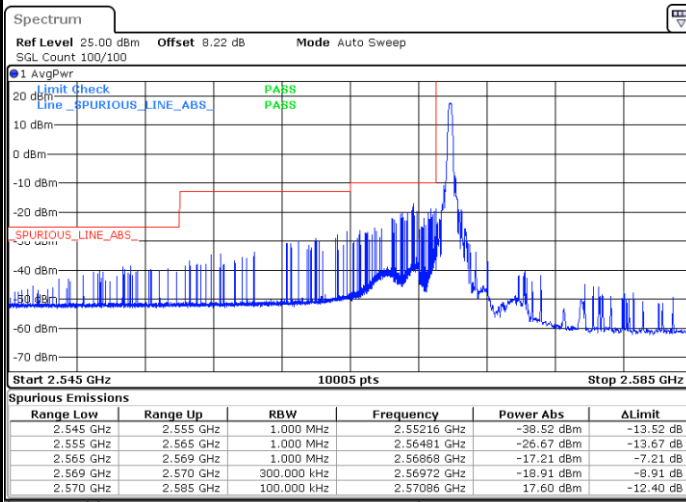
Highest Band Edge / Full RB



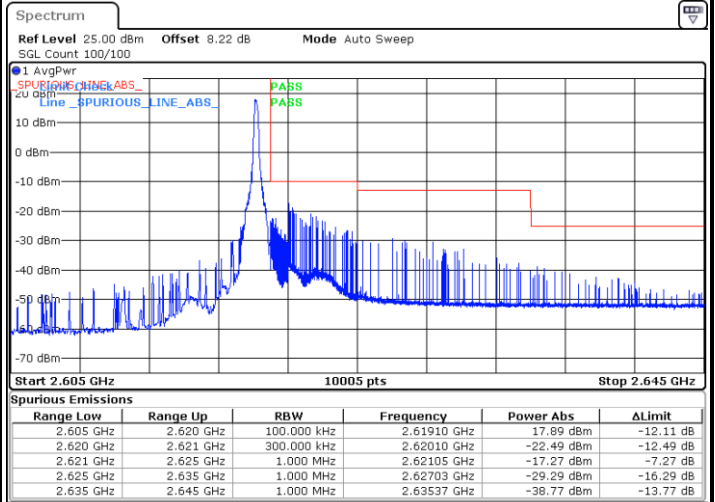


LTE Band 38 / 15MHz / 64QAM

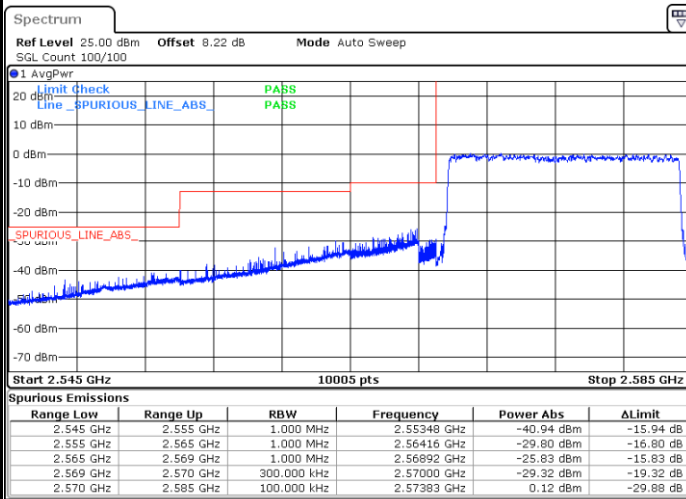
Lowest Band Edge / 1 RB



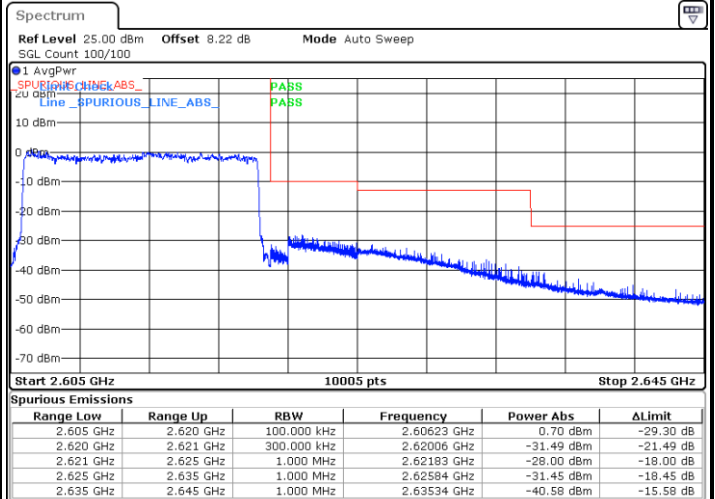
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



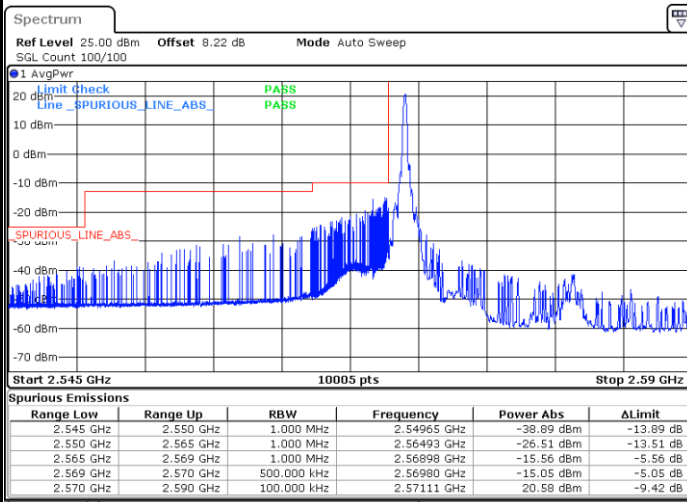
Highest Band Edge / Full RB





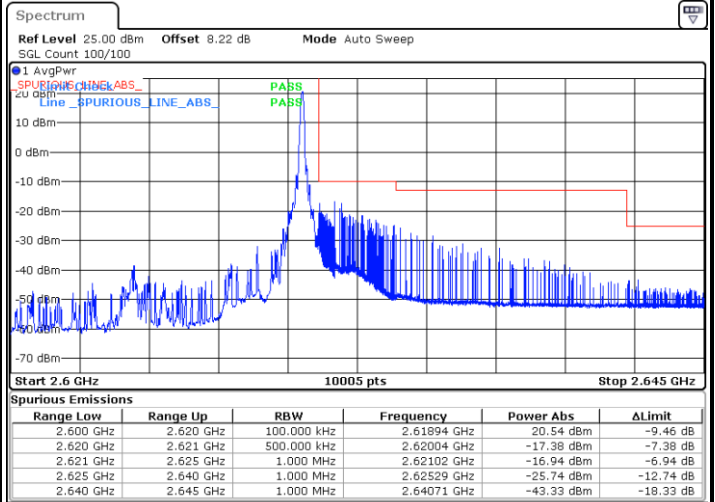
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



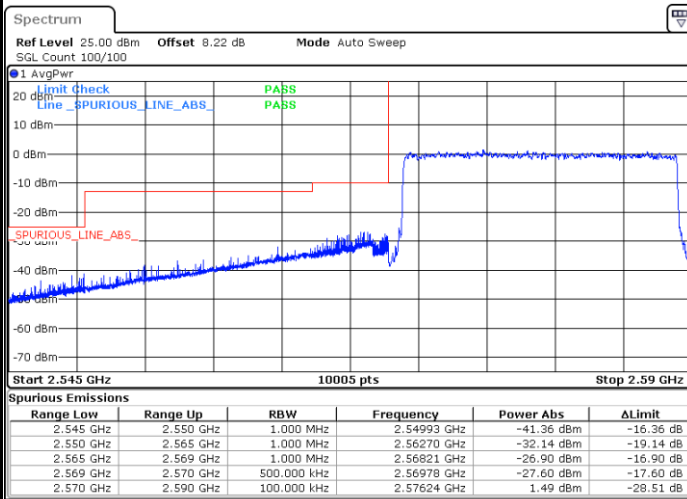
Date: 11.JUN.2022 00:42:44

Highest Band Edge / 1 RB



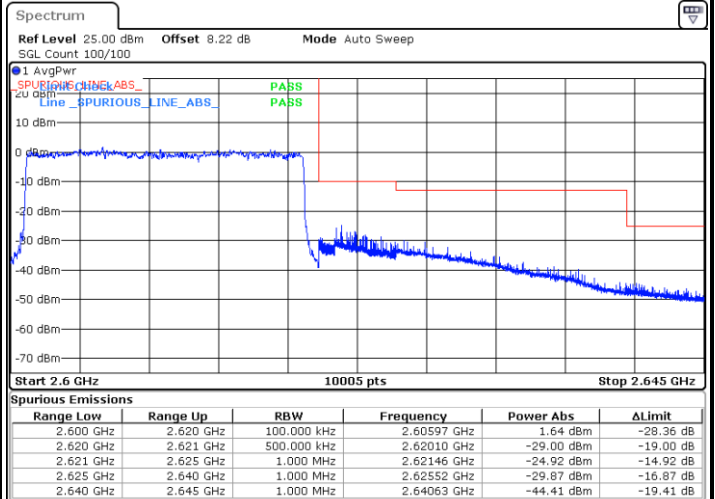
Date: 11.JUN.2022 00:44:06

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:35:51

Highest Band Edge / Full RB

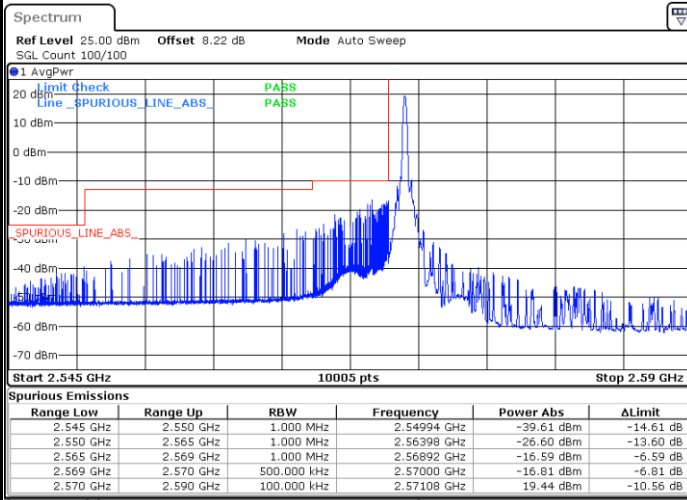


Date: 11.JUN.2022 00:51:00



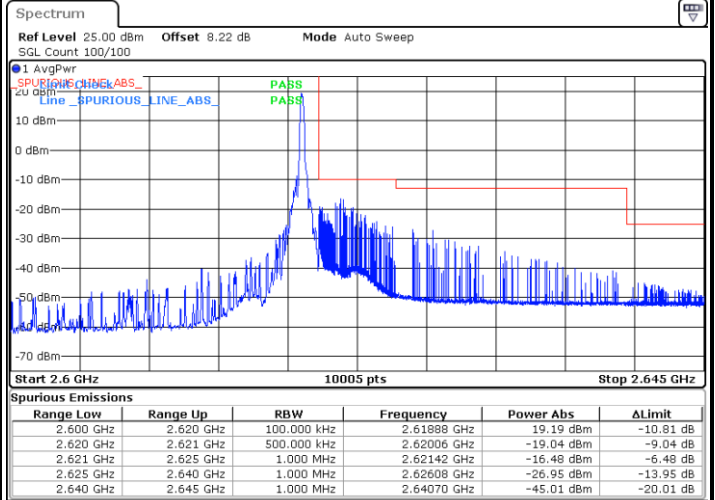
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



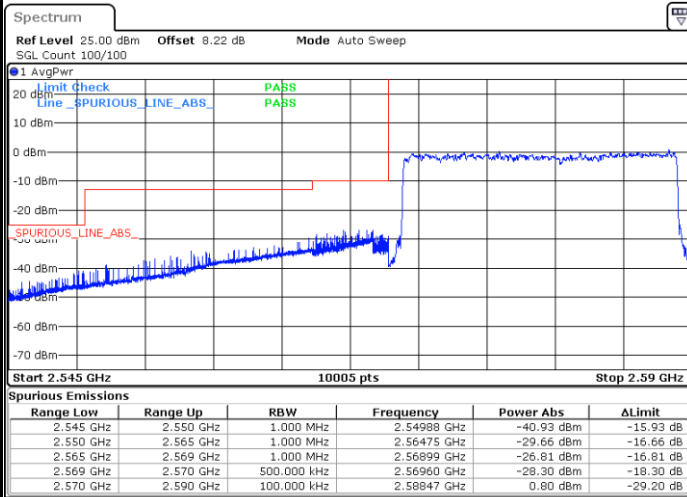
Date: 11.JUN.2022 00:41:21

Highest Band Edge / 1 RB



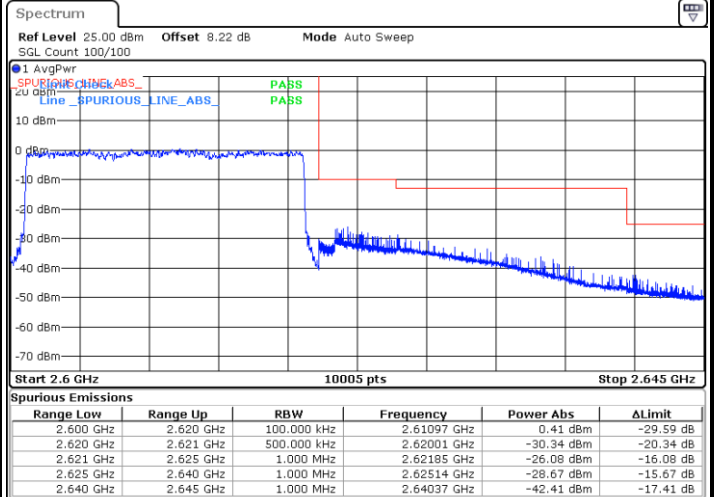
Date: 11.JUN.2022 00:45:29

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:37:13

Highest Band Edge / Full RB

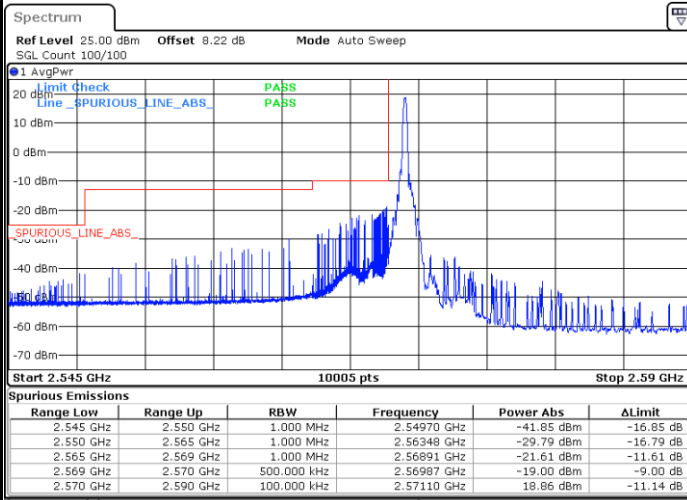


Date: 11.JUN.2022 00:49:37



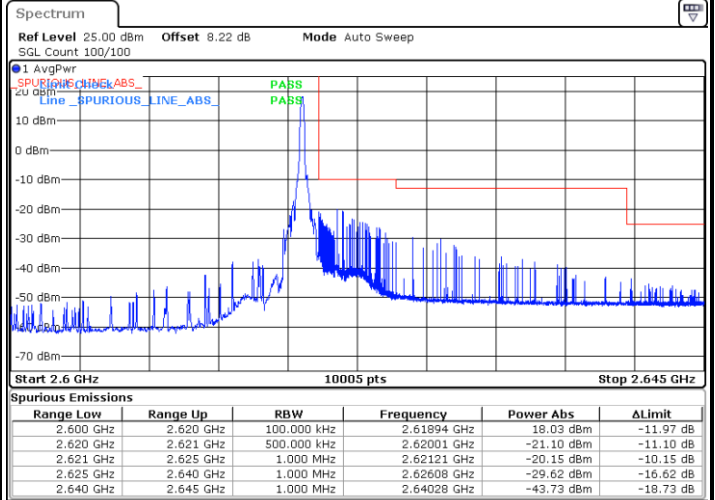
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



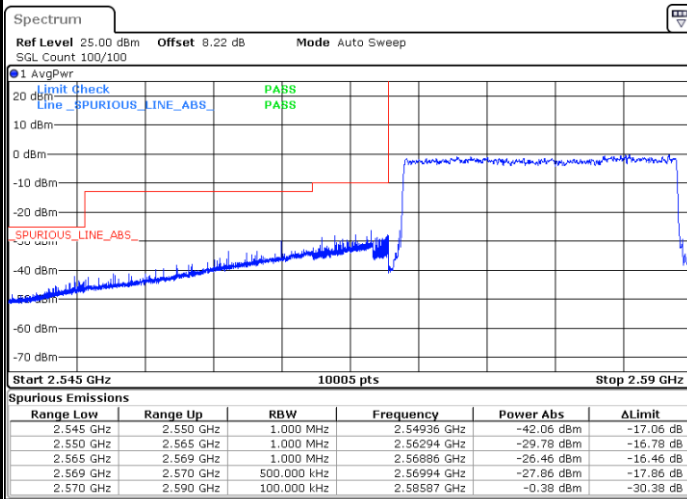
Date: 11.JUN.2022 00:39:59

Highest Band Edge / 1 RB



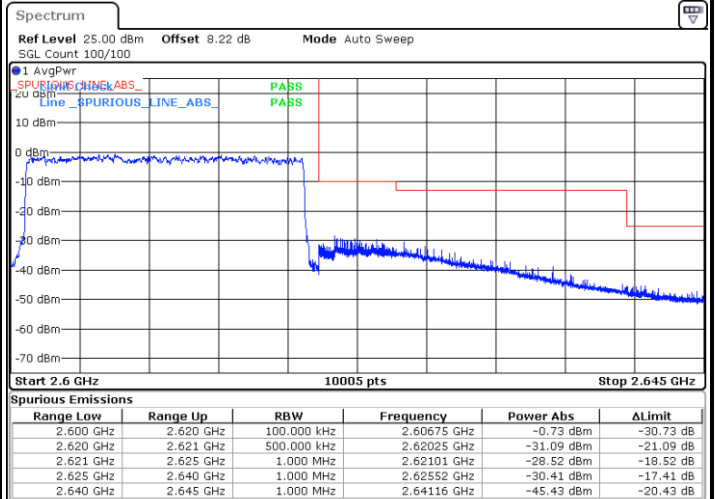
Date: 11.JUN.2022 00:46:52

Lowest Band Edge / Full RB



Date: 11.JUN.2022 00:38:36

Highest Band Edge / Full RB



Date: 11.JUN.2022 00:48:15

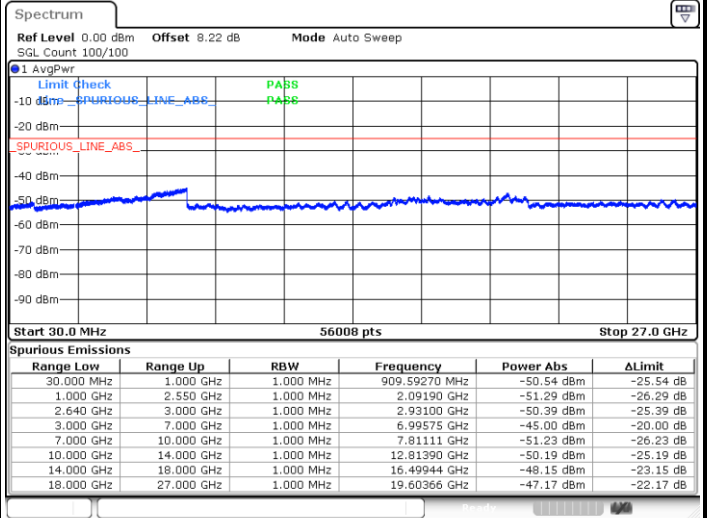
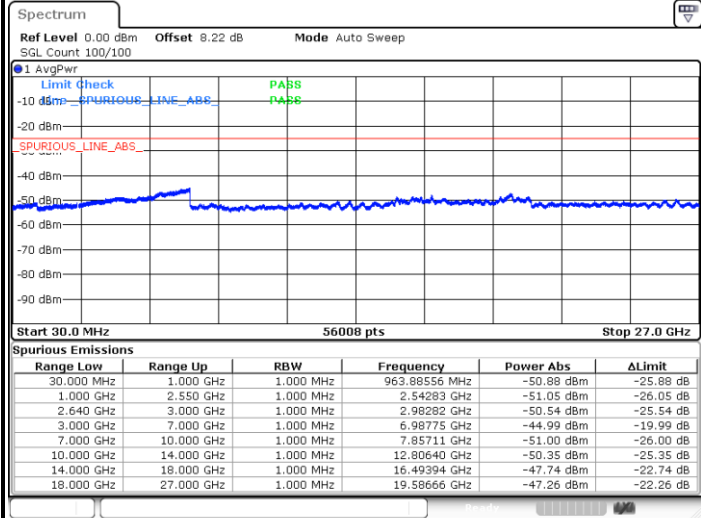


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

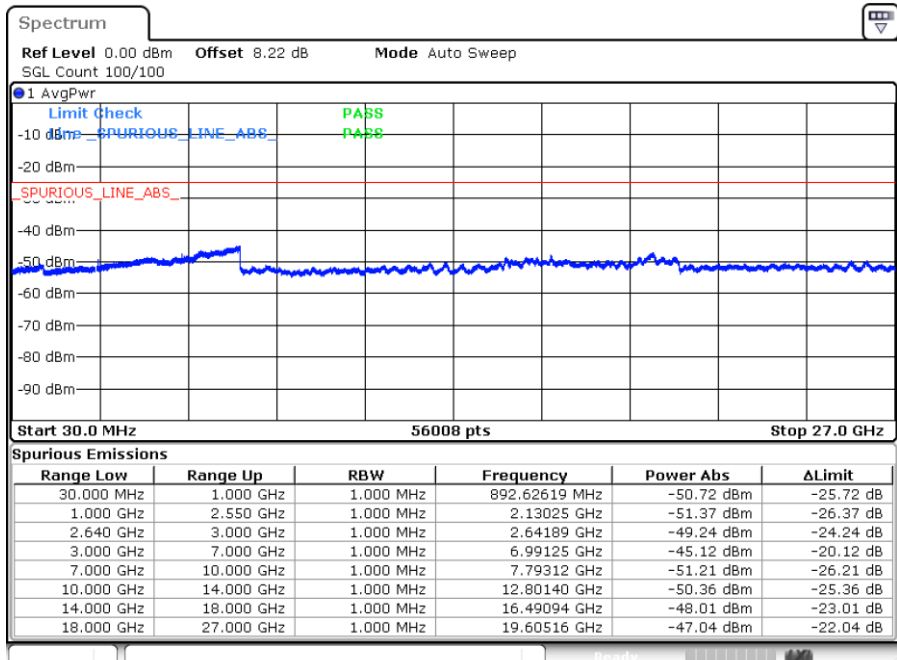
Middle Channel / QPSK



Date: 11.JUN.2022 00:58:41

Date: 11.JUN.2022 01:02:29

Highest Channel / QPSK



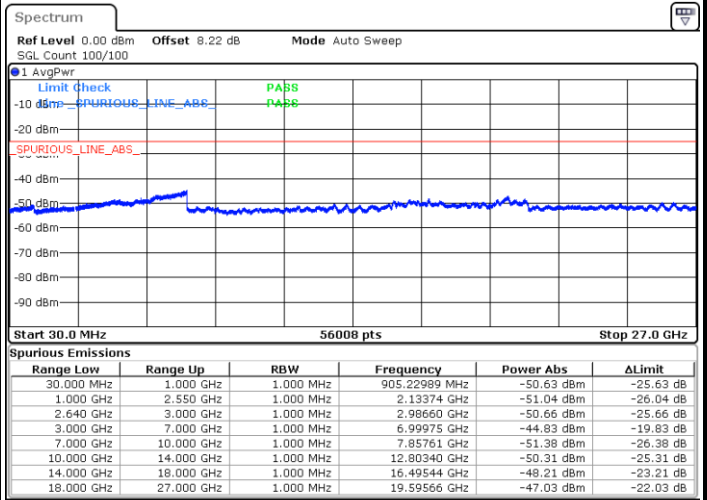
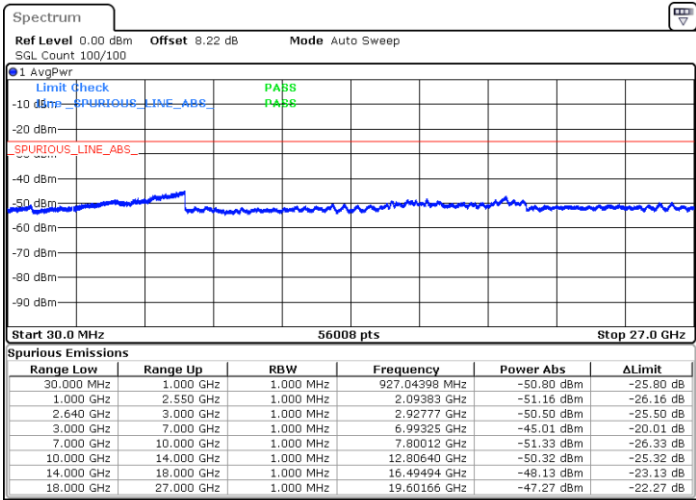
Date: 11.JUN.2022 01:06:16



LTE Band 38 / 10MHz

Lowest Channel / QPSK

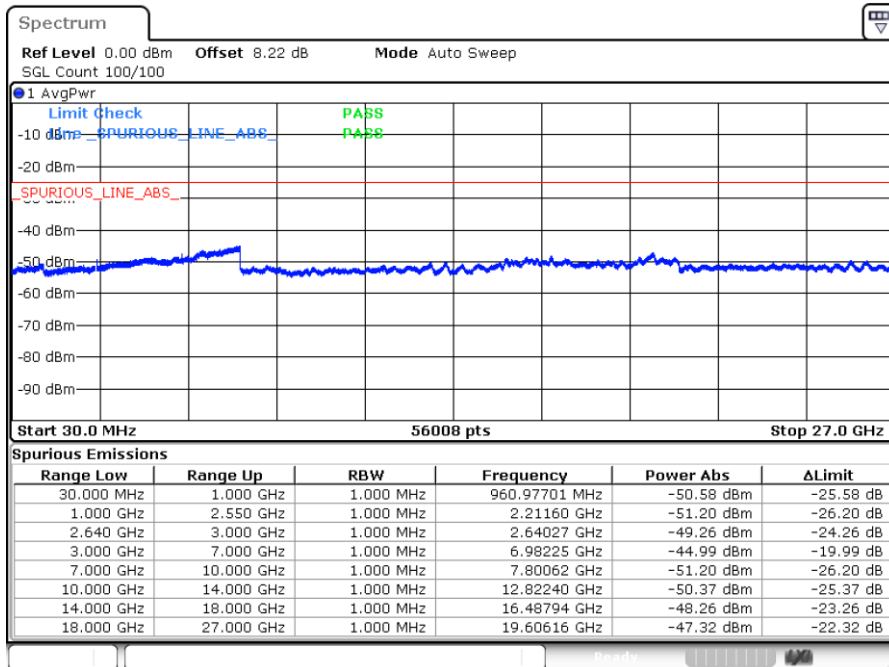
Middle Channel / QPSK



Date: 11 JUN 2022 01:10:05

Date: 11 JUN 2022 01:13:52

Highest Channel / QPSK



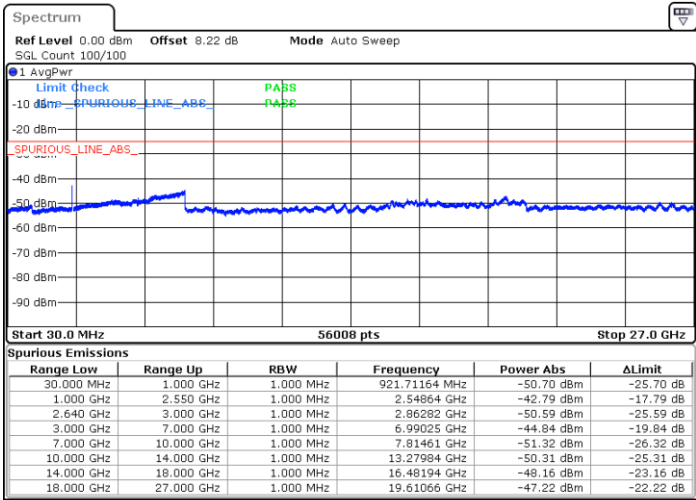
Date: 11 JUN 2022 01:17:40



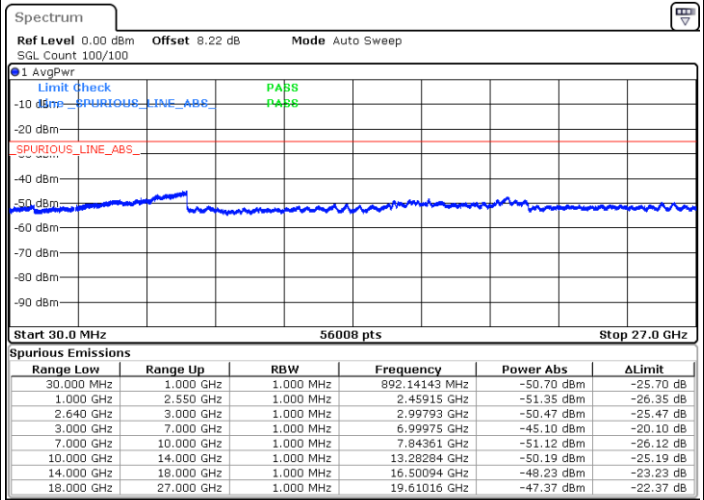
LTE Band 38 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

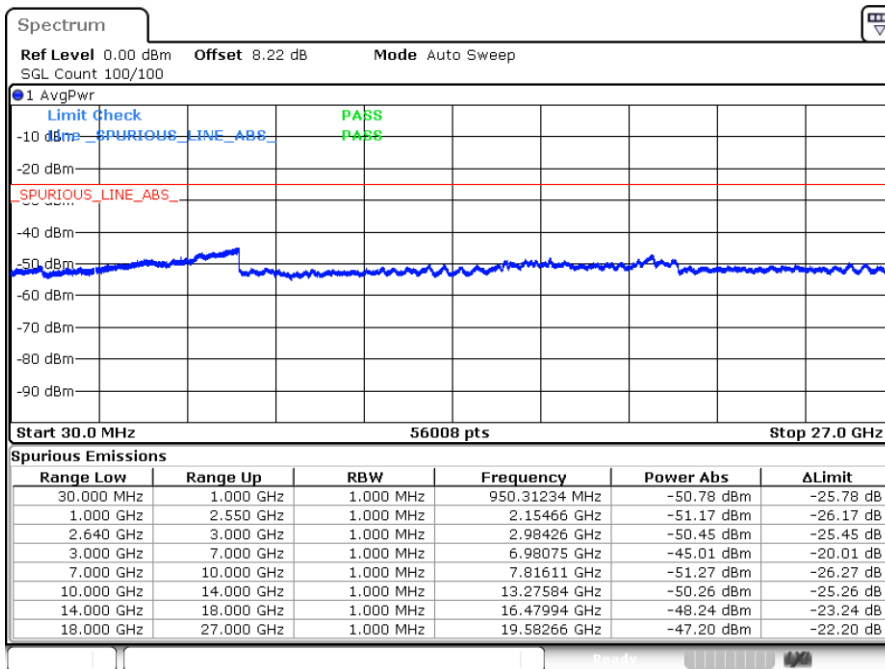


Date: 11 JUN.2022 01:21:29



Date: 11 JUN.2022 01:25:16

Highest Channel / QPSK



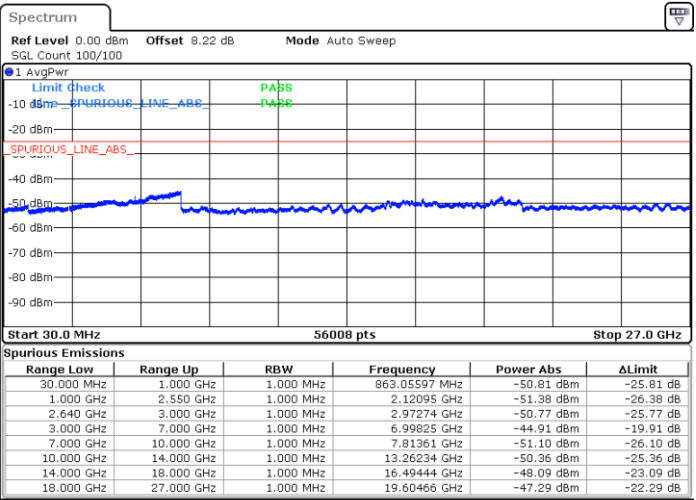
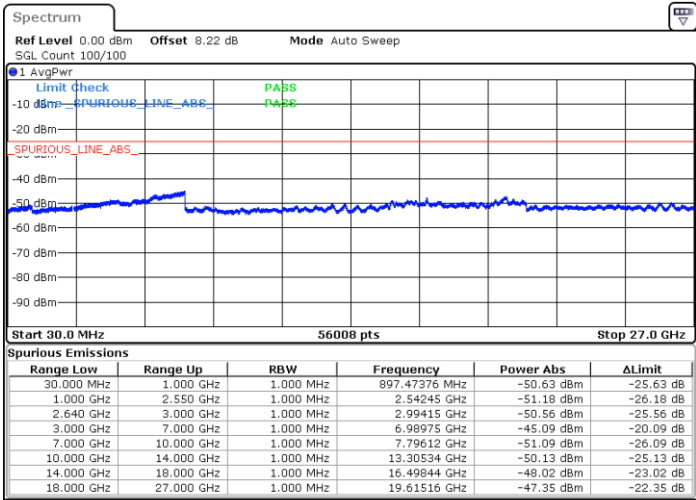
Date: 11 JUN.2022 01:29:03



LTE Band 38 / 20MHz

Lowest Channel / QPSK

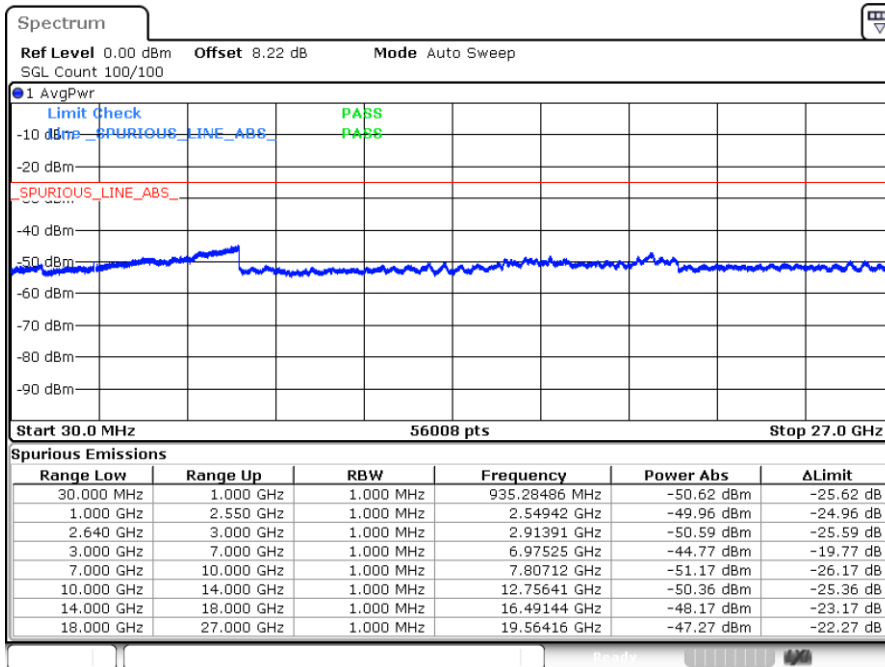
Middle Channel / QPSK



Date: 11 JUN 2022 01:32:51

Date: 11 JUN 2022 01:36:39

Highest Channel / QPSK



Date: 11 JUN 2022 01:40:26



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	0.0019	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0023	

Note:

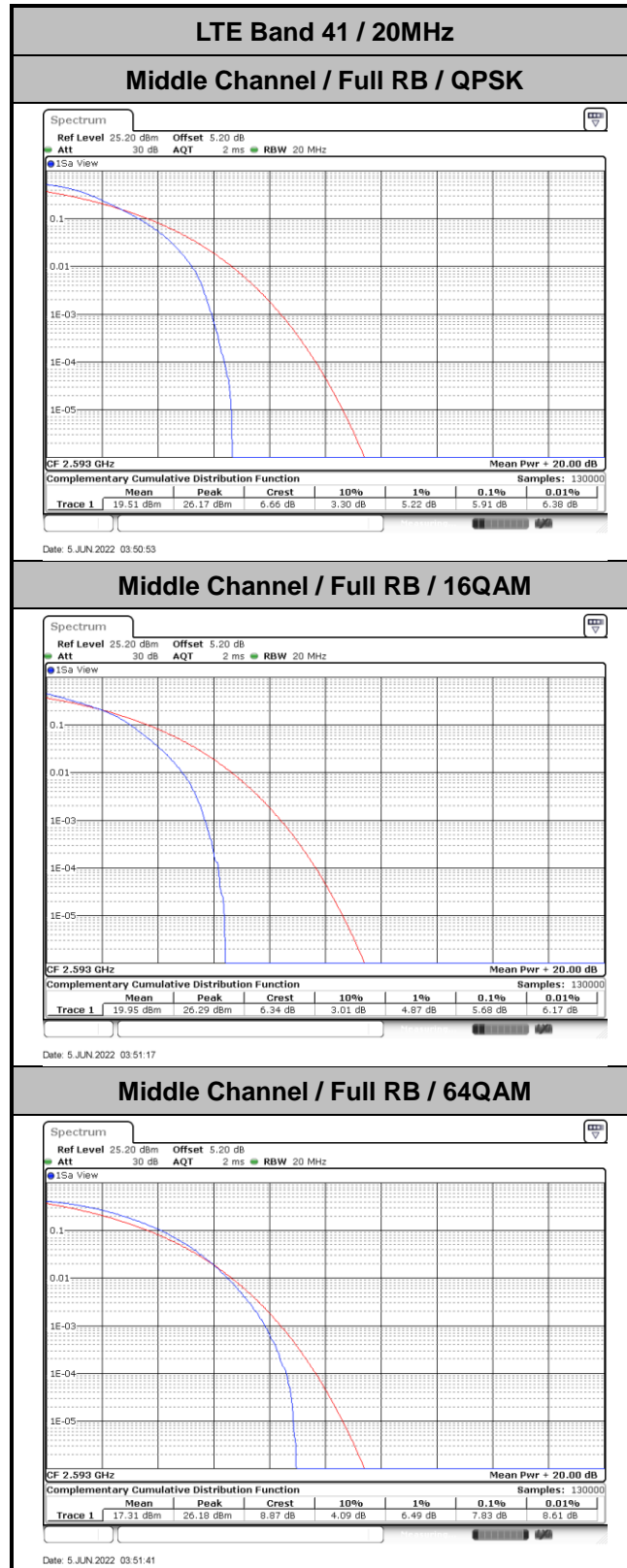
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

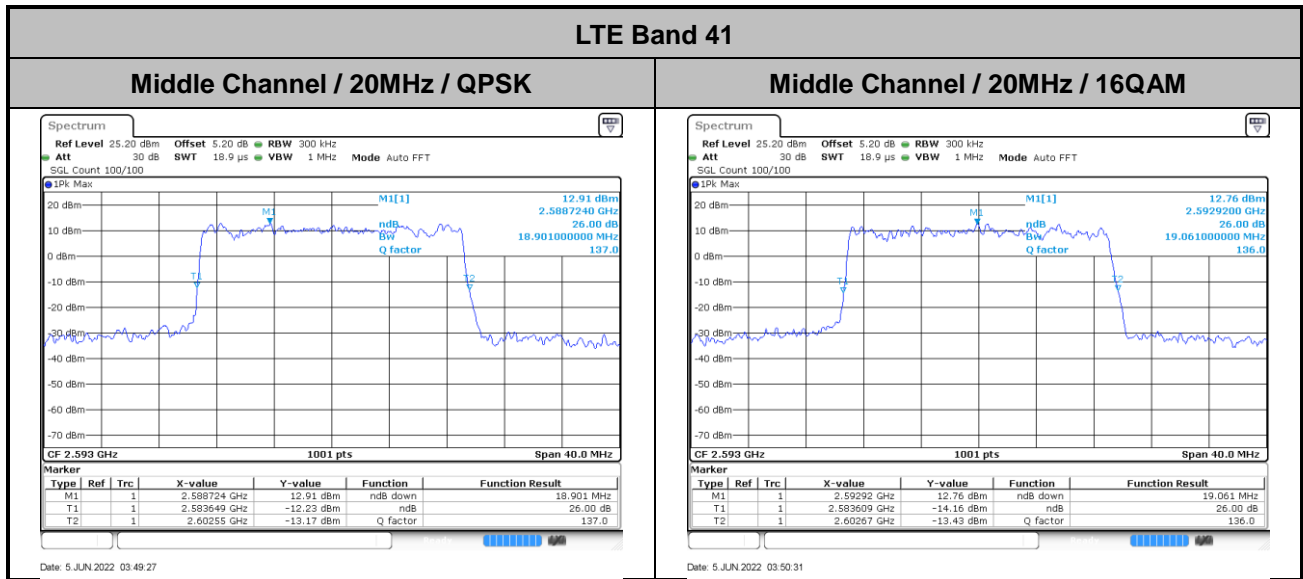
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.91	5.68	7.83	PASS





26dB Bandwidth

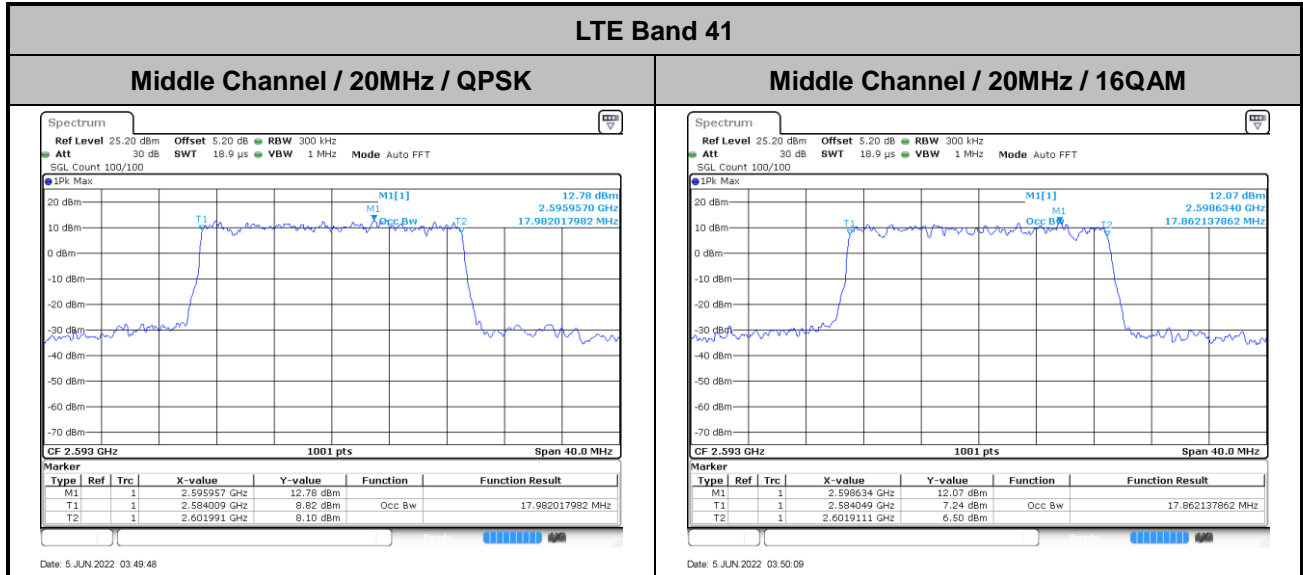
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.90	19.06





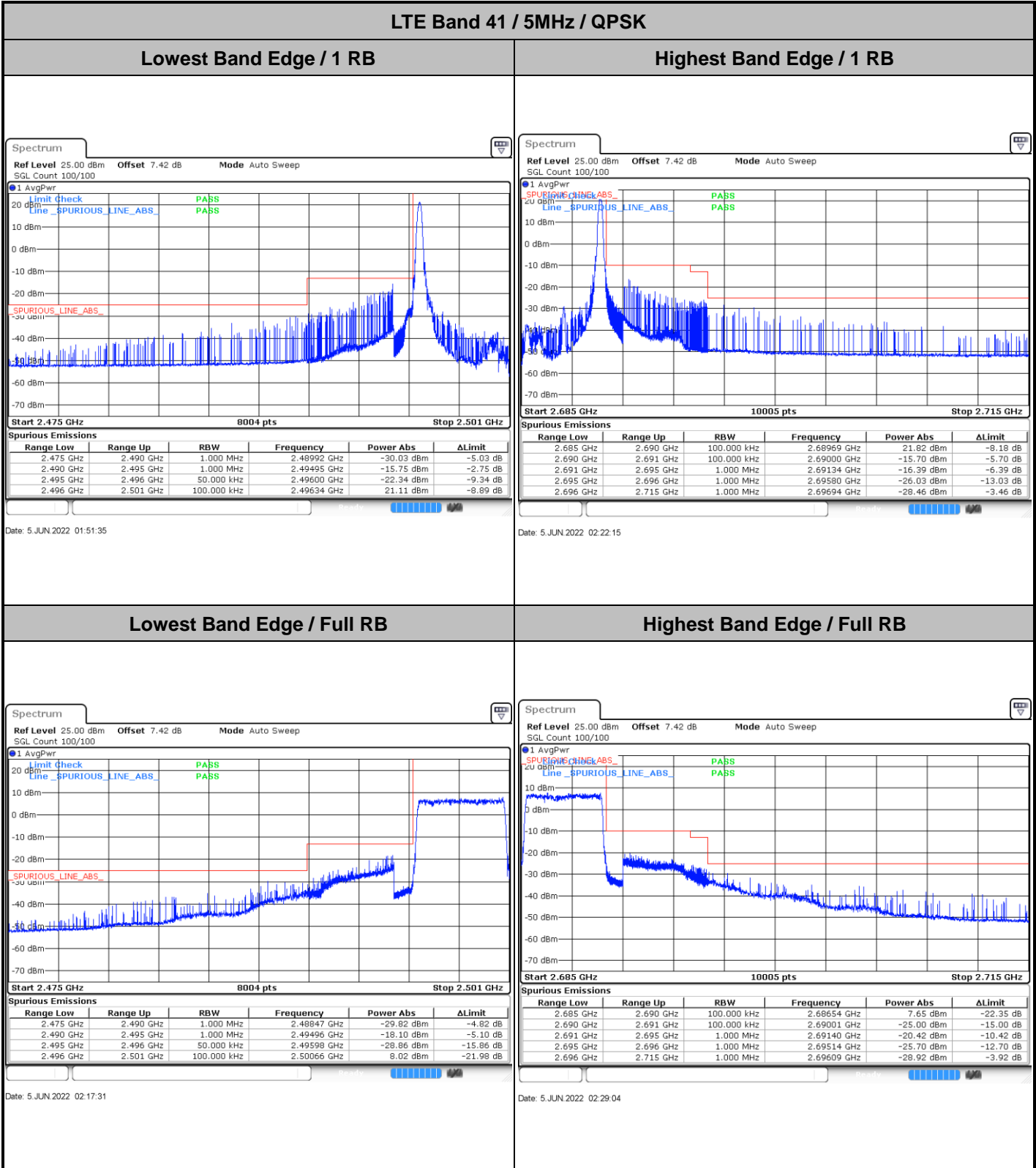
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.98	17.86





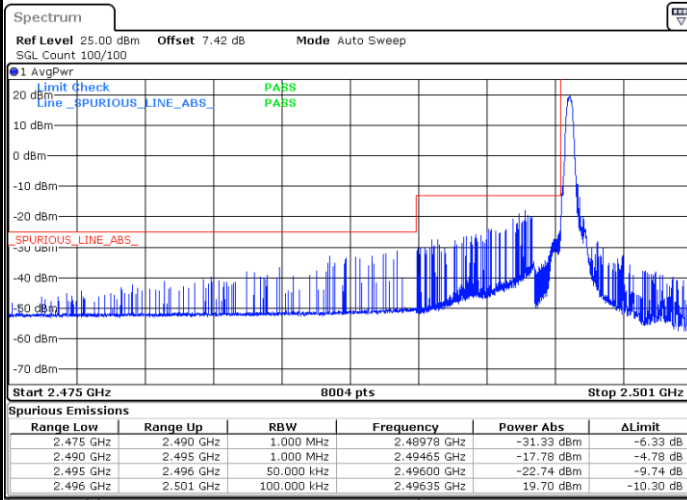
Conducted Band Edge





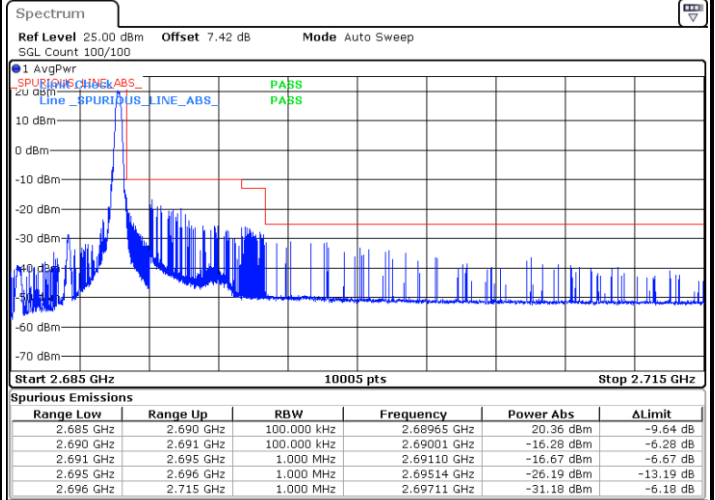
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



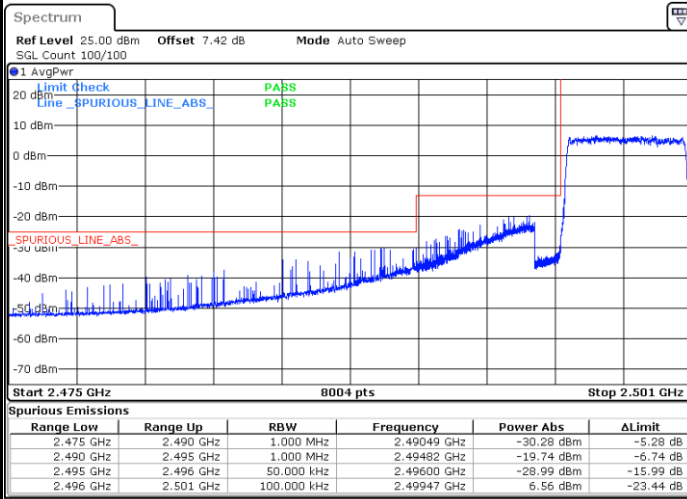
Date: 5 JUN 2022 01:53:27

Highest Band Edge / 1 RB



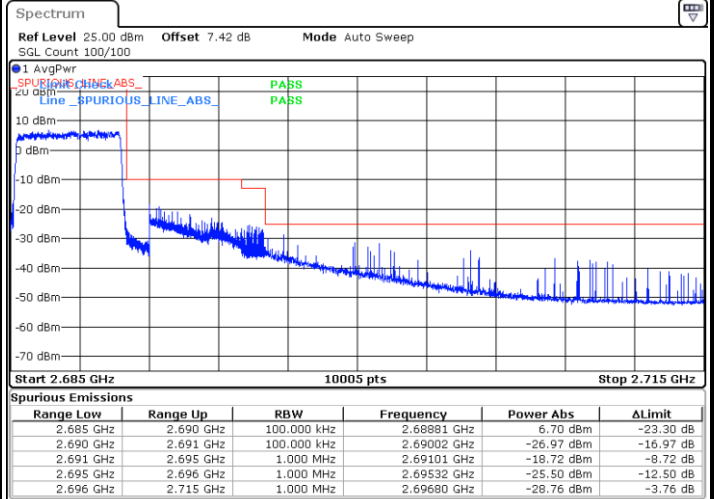
Date: 5 JUN 2022 02:23:37

Lowest Band Edge / Full RB



Date: 5 JUN 2022 02:16:09

Highest Band Edge / Full RB

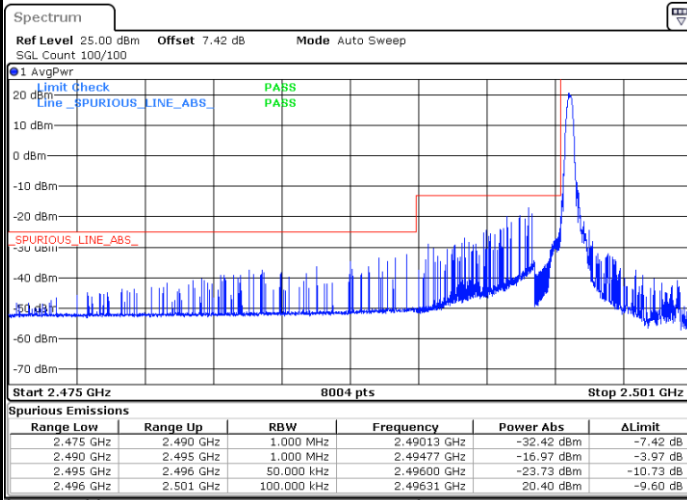


Date: 5 JUN 2022 02:27:43



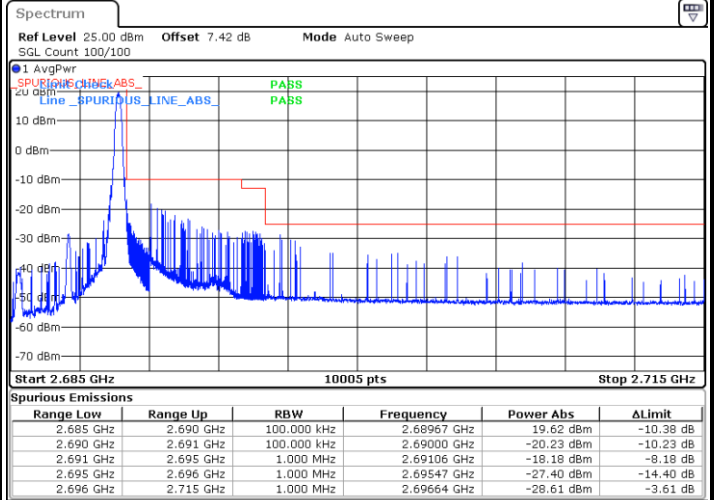
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



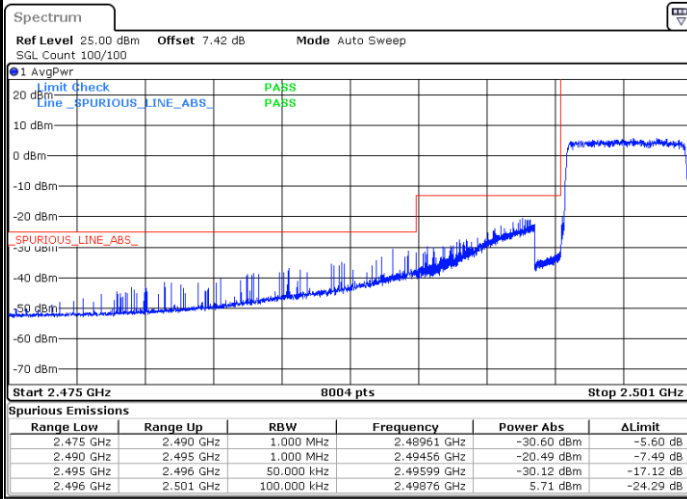
Date: 5 JUN 2022 01:55:20

Highest Band Edge / 1 RB



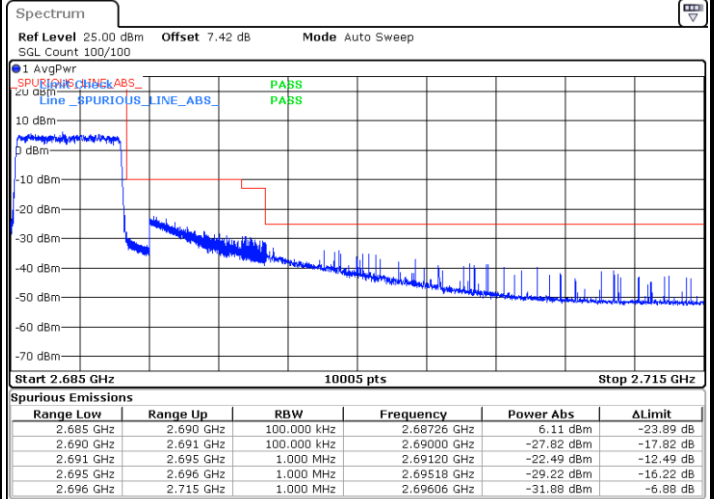
Date: 5 JUN 2022 02:24:59

Lowest Band Edge / Full RB



Date: 5 JUN 2022 02:14:48

Highest Band Edge / Full RB

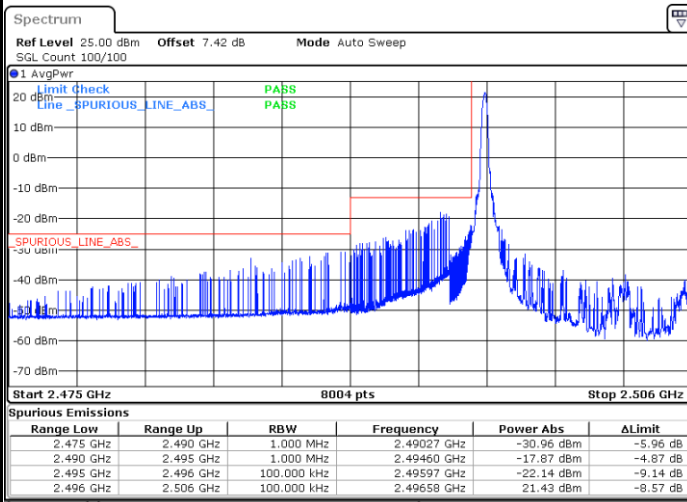


Date: 5 JUN 2022 02:26:21



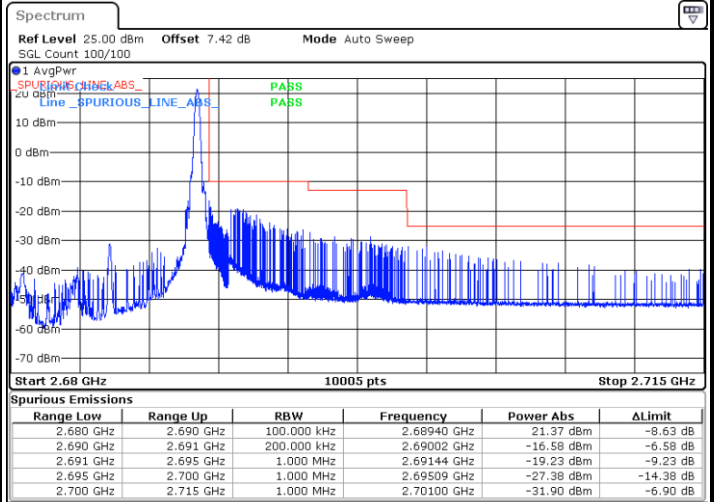
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



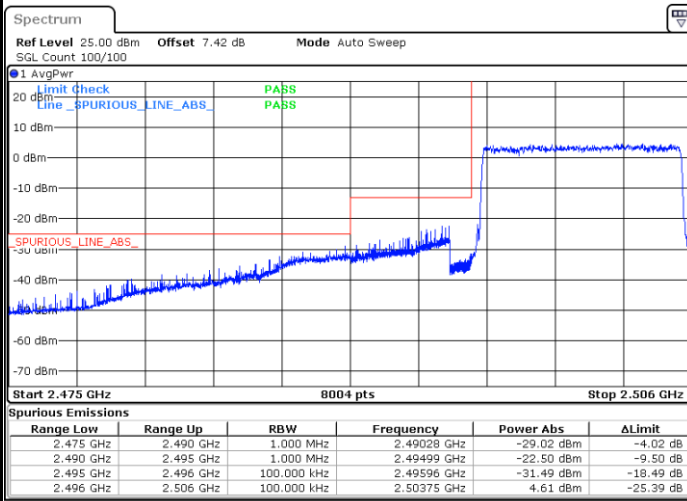
Date: 5 JUN 2022 02:32:09

Highest Band Edge / 1 RB



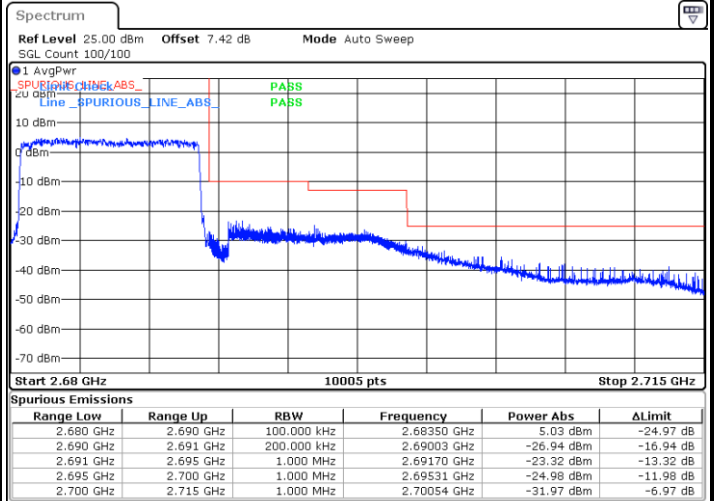
Date: 5 JUN 2022 02:43:44

Lowest Band Edge / Full RB



Date: 5 JUN 2022 02:38:59

Highest Band Edge / Full RB



Date: 5 JUN 2022 02:50:34