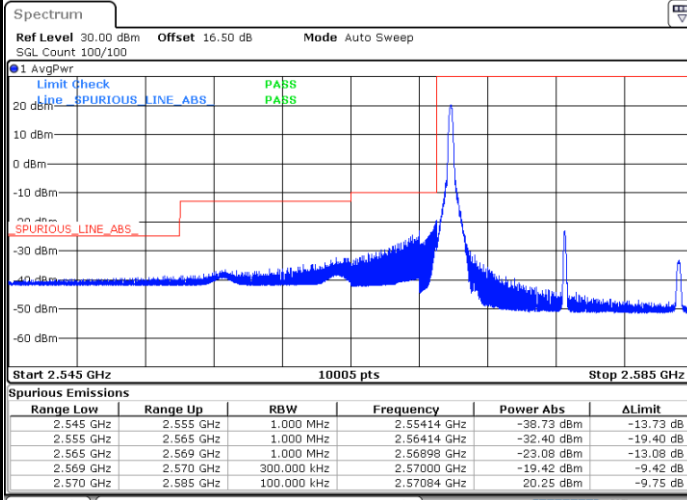




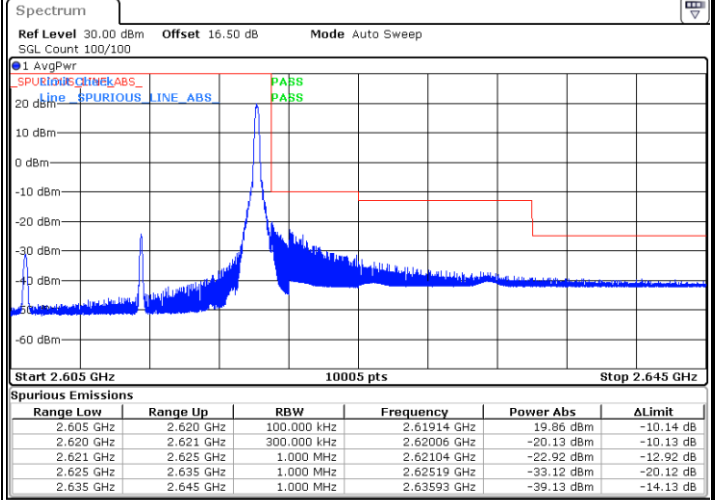
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



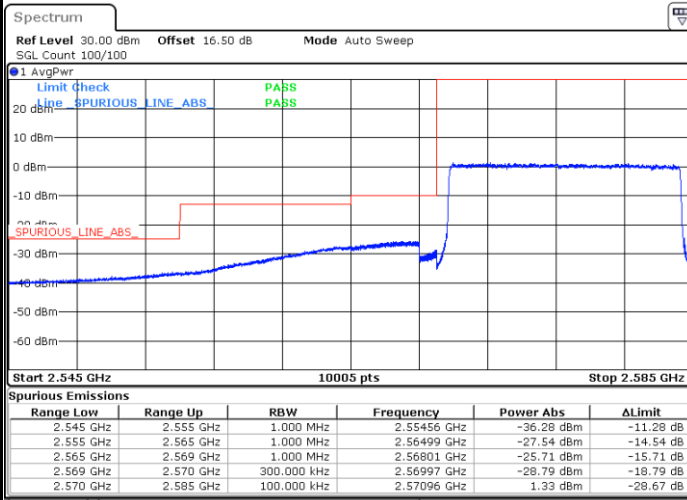
Date: 2.MAR.2022 02:56:07

Highest Band Edge / 1 RB



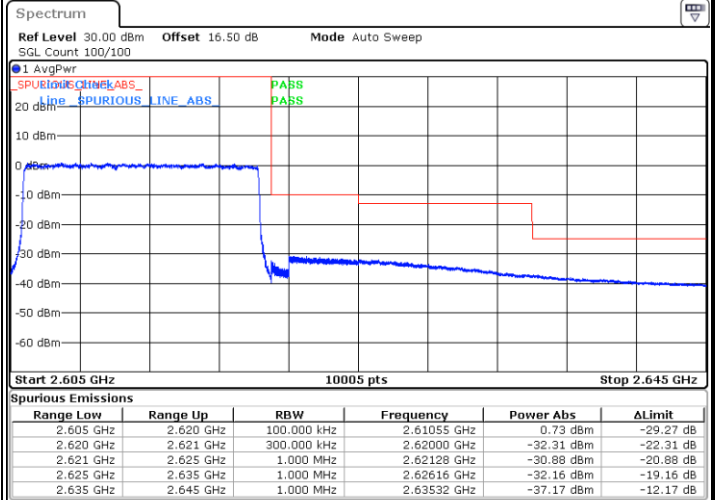
Date: 2.MAR.2022 02:58:51

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:57:02

Highest Band Edge / Full RB

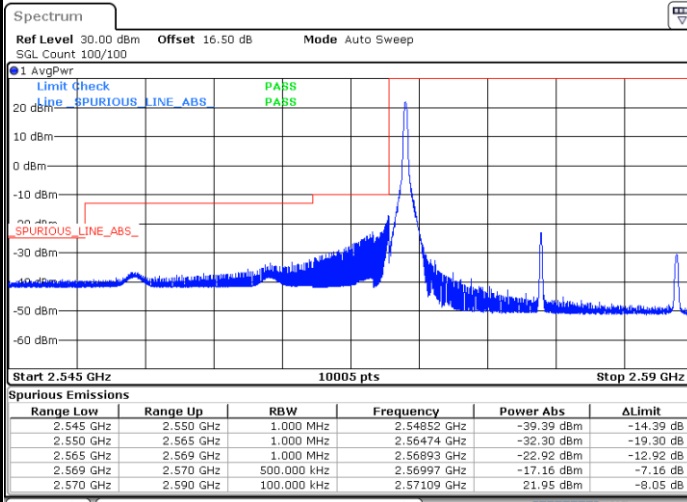


Date: 2.MAR.2022 02:57:56



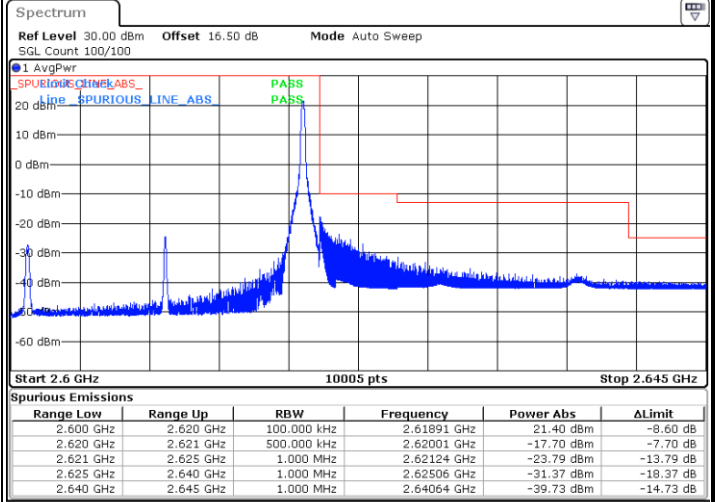
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



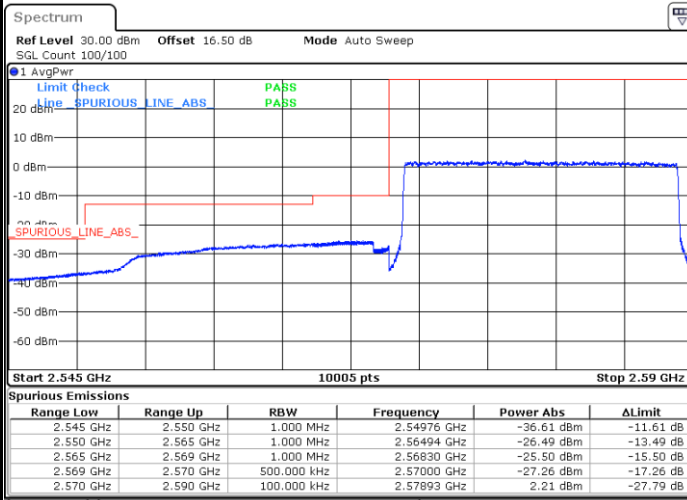
Date: 2.MAR.2022 02:59:47

Highest Band Edge / 1 RB



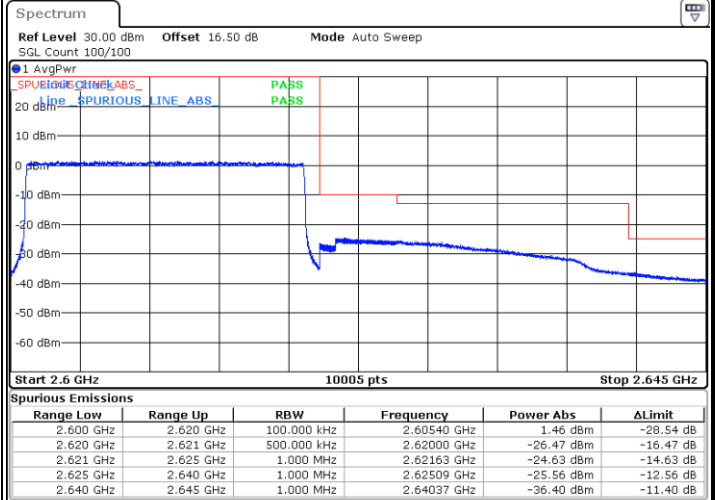
Date: 2.MAR.2022 03:05:13

Lowest Band Edge / Full RB



Date: 2.MAR.2022 03:01:34

Highest Band Edge / Full RB

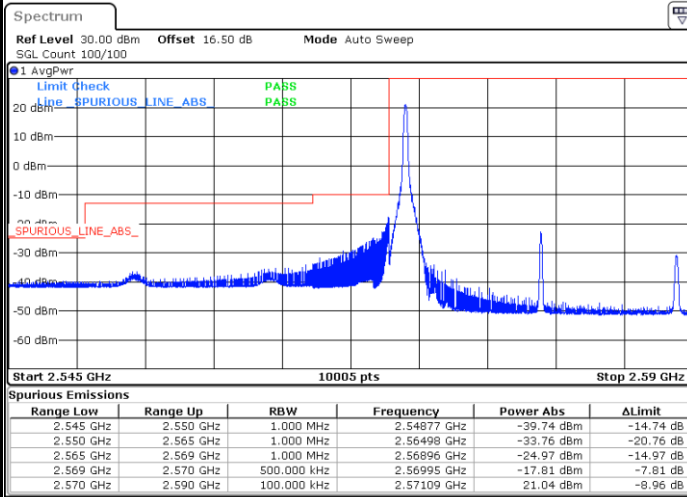


Date: 2.MAR.2022 03:03:23



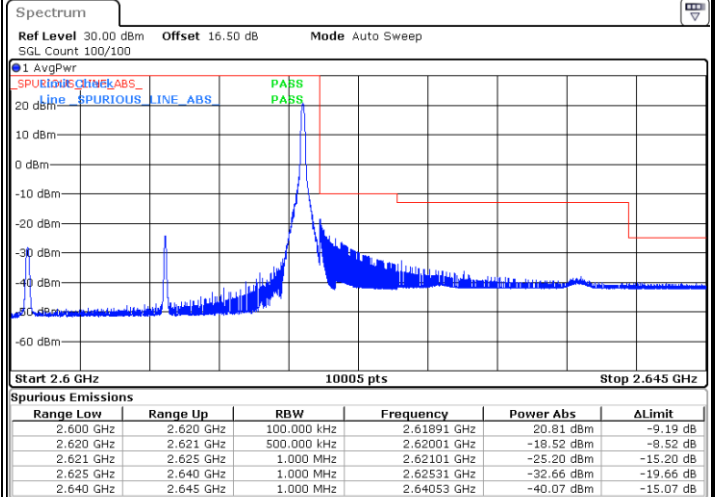
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



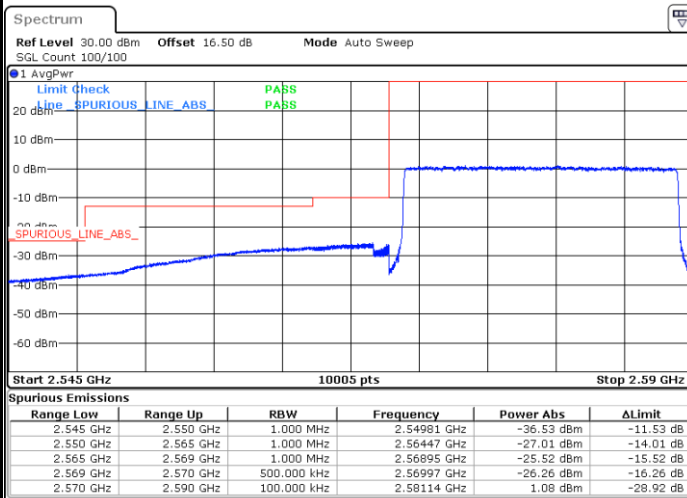
Date: 2.MAR.2022 03:24:00

Highest Band Edge / 1 RB



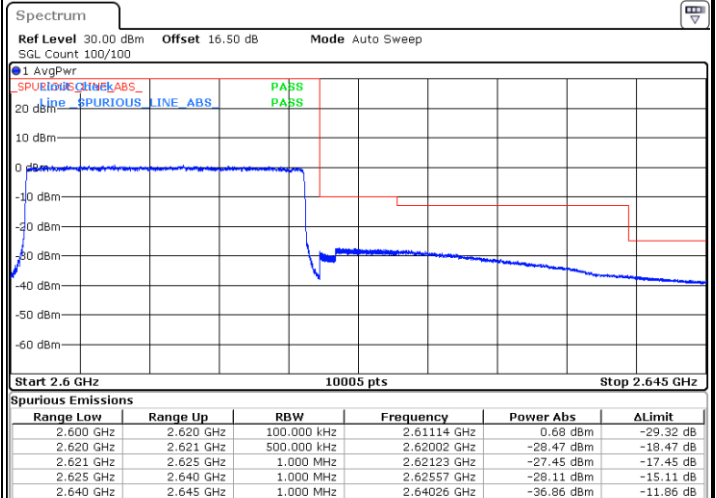
Date: 2.MAR.2022 03:06:08

Lowest Band Edge / Full RB



Date: 2.MAR.2022 03:02:28

Highest Band Edge / Full RB

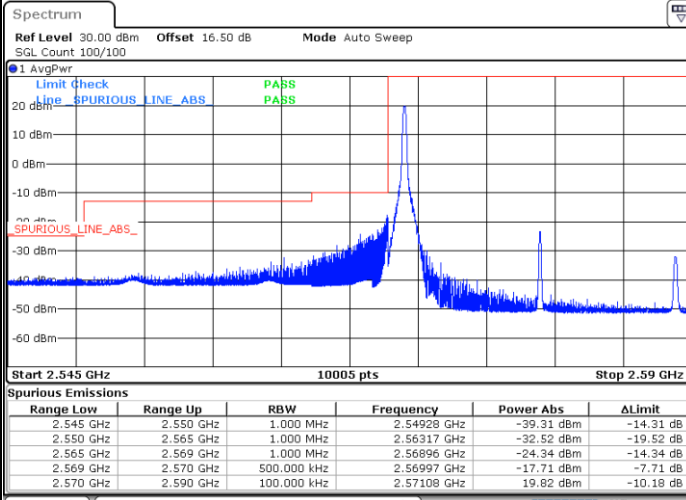


Date: 2.MAR.2022 03:04:18



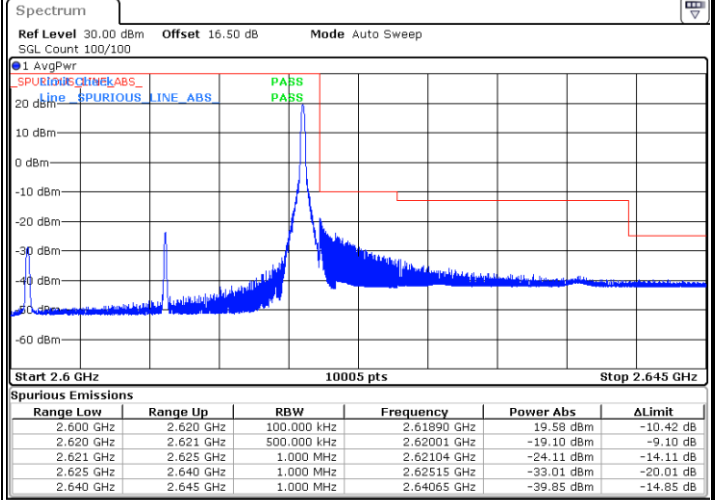
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



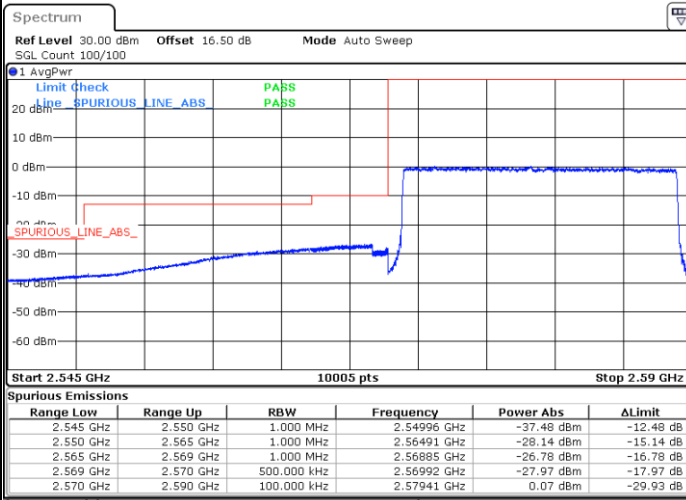
Date: 2.MAR.2022 03:07:02

Highest Band Edge / 1 RB



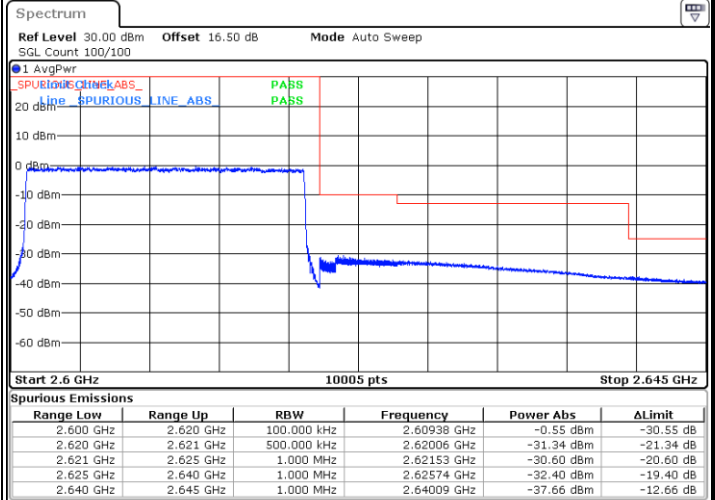
Date: 2.MAR.2022 03:09:45

Lowest Band Edge / Full RB



Date: 2.MAR.2022 03:07:56

Highest Band Edge / Full RB



Date: 2.MAR.2022 03:08:50

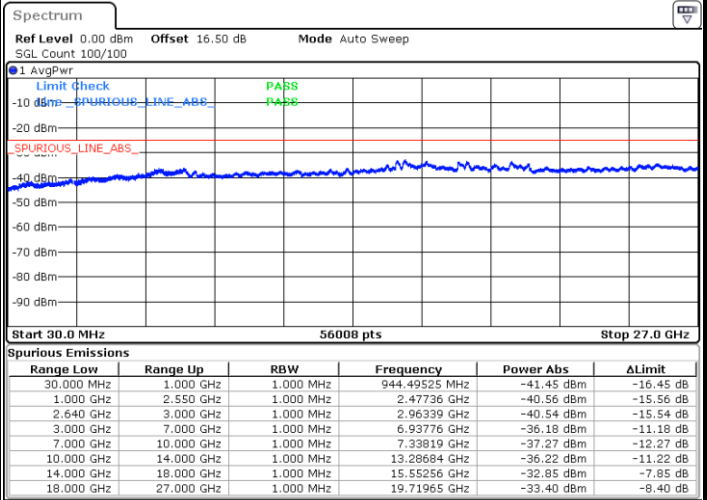
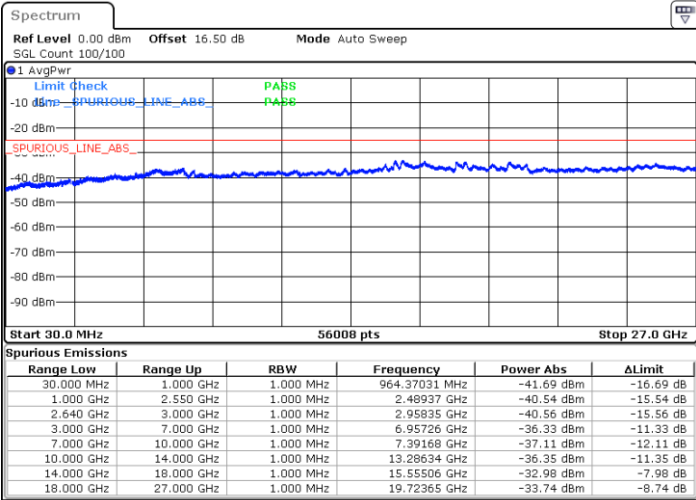


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

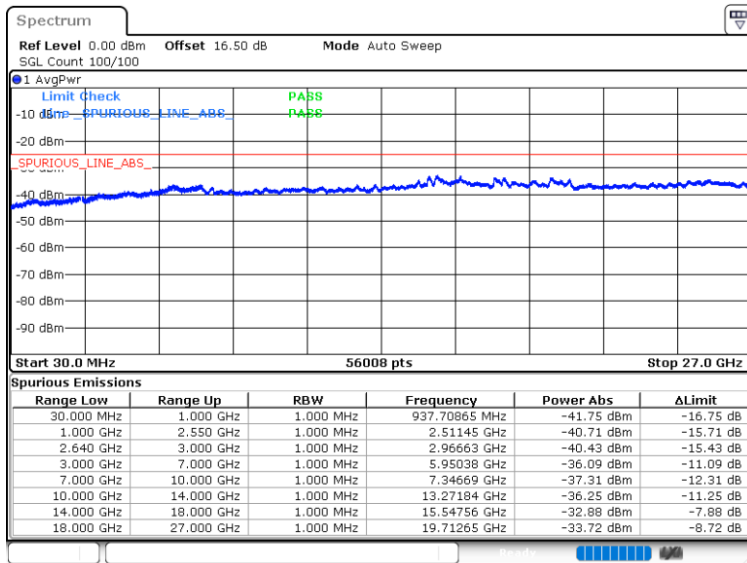
Middle Channel / QPSK



Date: 2.MAR.2022 03:10:51

Date: 2.MAR.2022 03:11:55

Highest Channel / QPSK



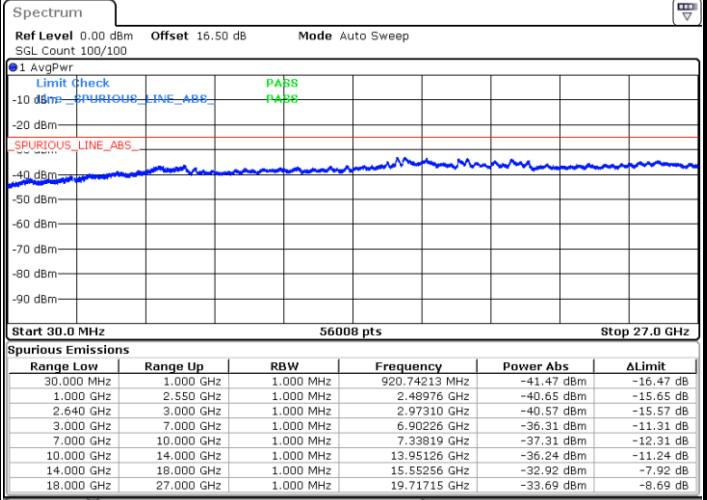
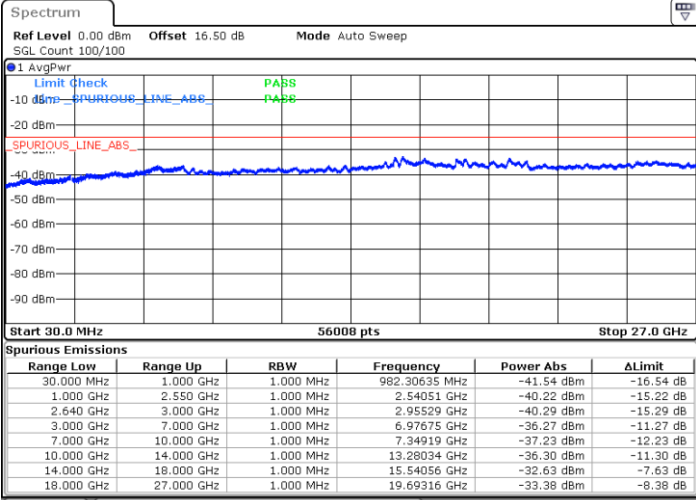
Date: 2.MAR.2022 03:12:59



LTE Band 38 / 10MHz

Lowest Channel / QPSK

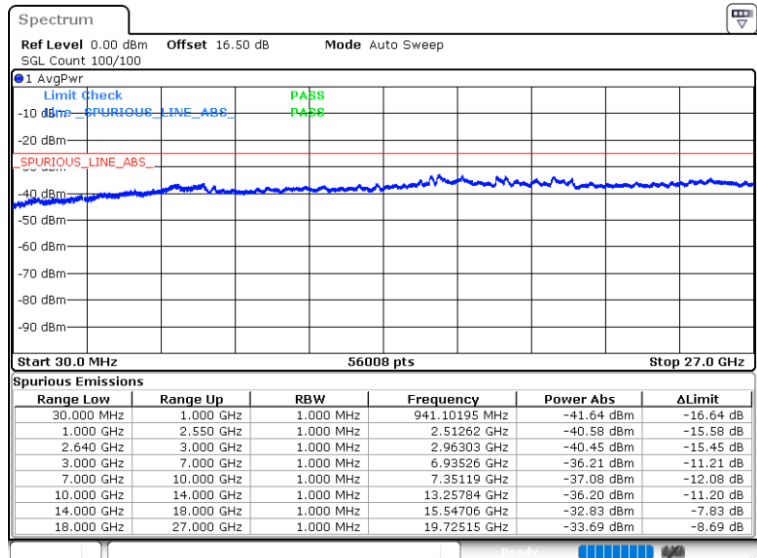
Middle Channel / QPSK



Date: 2.MAR.2022 03:14:05

Date: 2.MAR.2022 03:15:08

Highest Channel / QPSK



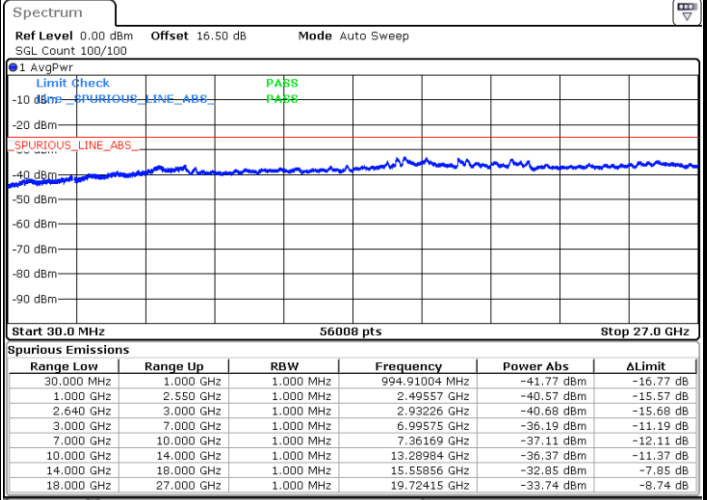
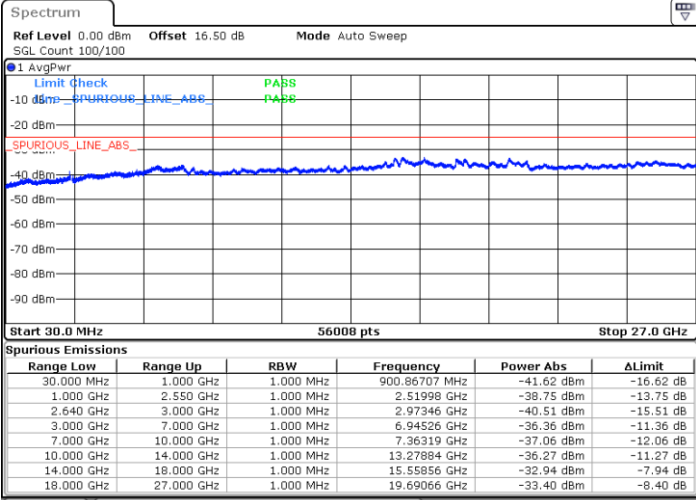
Date: 2.MAR.2022 03:16:13



LTE Band 38 / 15MHz

Lowest Channel / QPSK

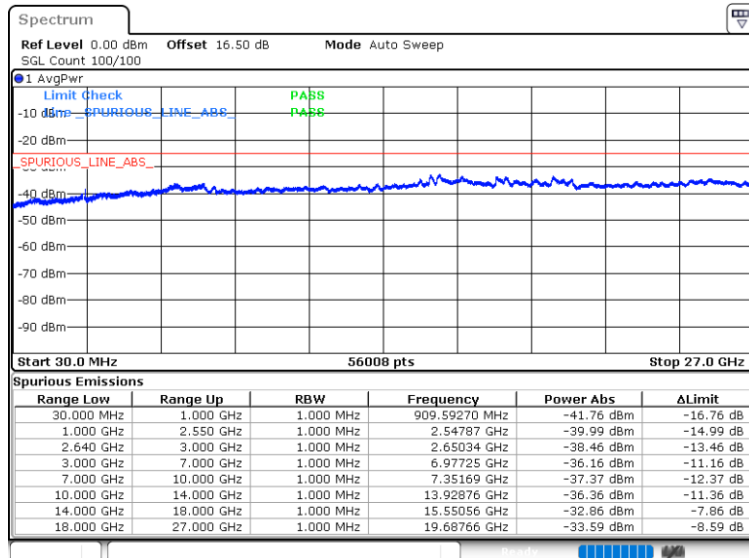
Middle Channel / QPSK



Date: 2.MAR.2022 03:17:18

Date: 2.MAR.2022 03:18:22

Highest Channel / QPSK



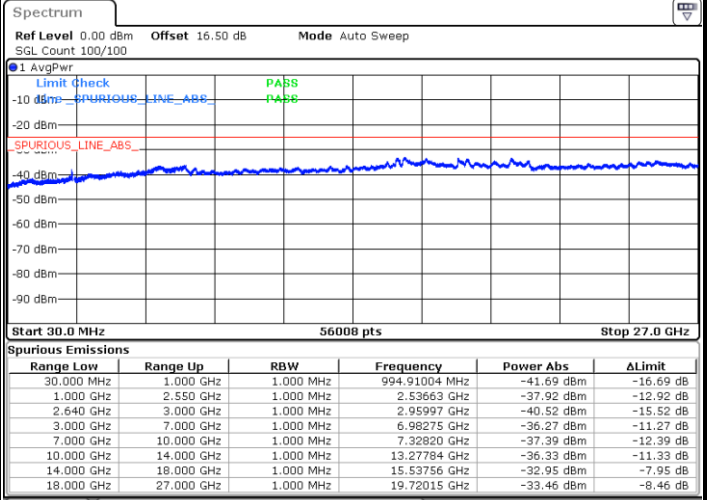
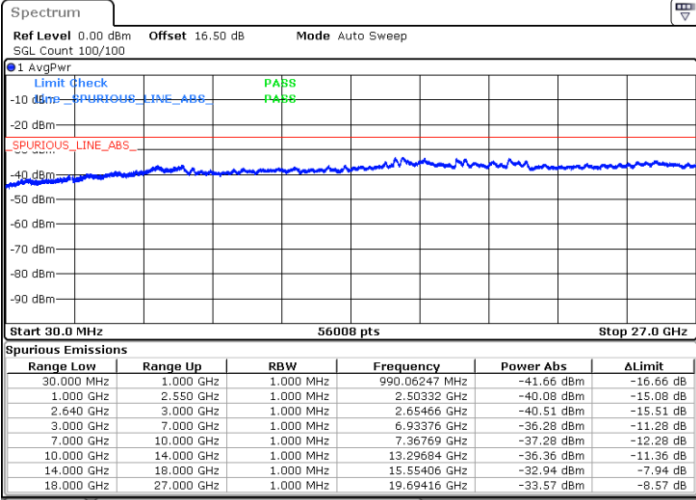
Date: 2.MAR.2022 03:19:26



LTE Band 38 / 20MHz

Lowest Channel / QPSK

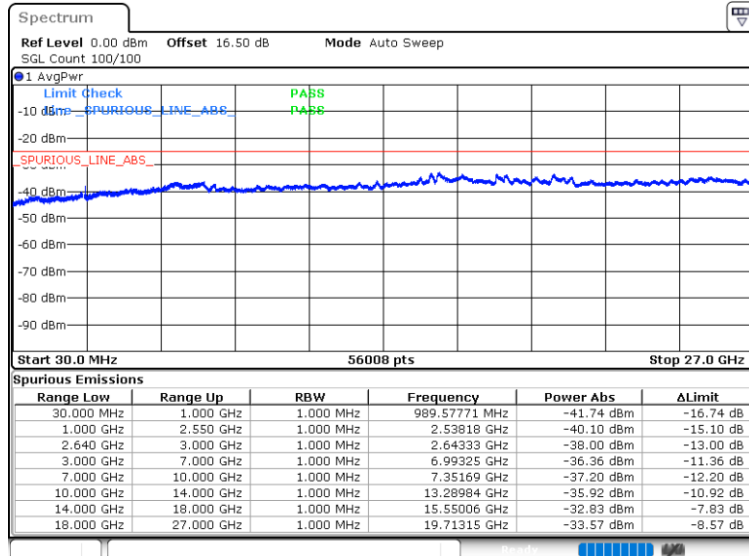
Middle Channel / QPSK



Date: 2.MAR.2022 03:20:32

Date: 2.MAR.2022 03:21:36

Highest Channel / QPSK



Date: 2.MAR.2022 03:22:40



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	0.0047	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0043	

Note:

- 1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

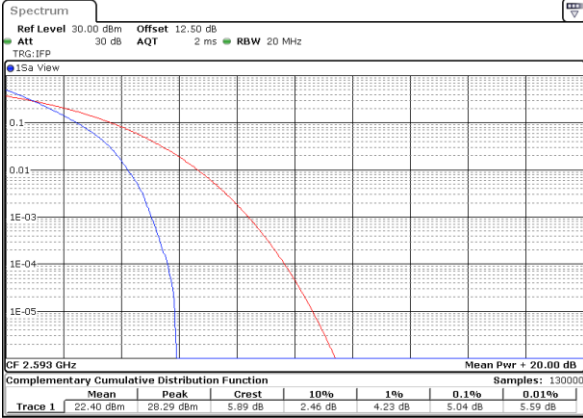
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.04	5.97	6.26	-	PASS



LTE Band 41 / 20MHz / QPSK

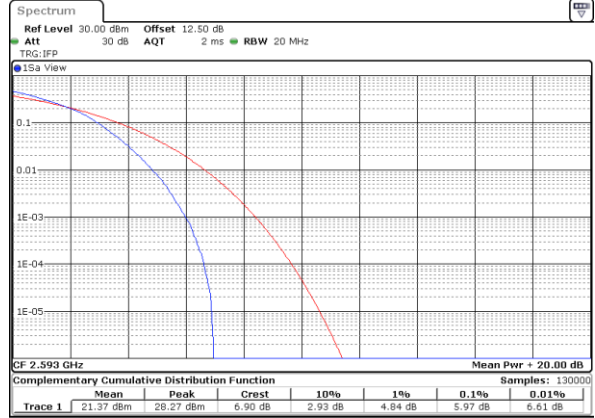
Middle Channel / Full RB



Date: 23.MAR.2022 00:47:46

LTE Band 41 / 20MHz / 16QAM

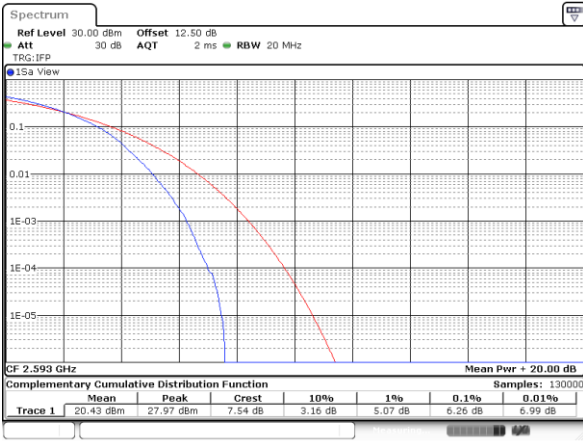
Middle Channel / Full RB



Date: 23.MAR.2022 00:13:17

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 23.MAR.2022 00:50:44



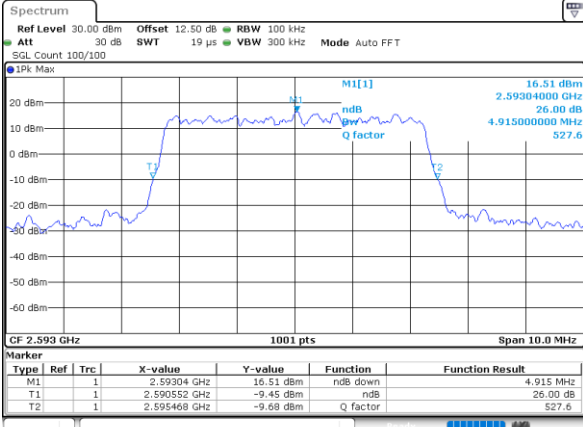
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.92	4.85	9.87	9.79	14.42	14.09	18.70	19.30
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.87	-	9.71	-	14.15	-	18.86	-



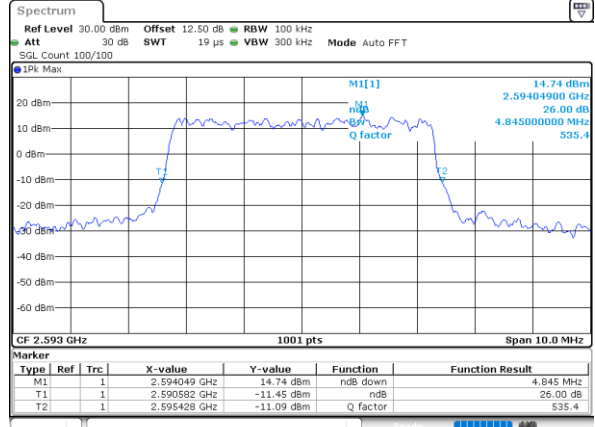
LTE Band 41

Middle Channel / 5MHz / QPSK



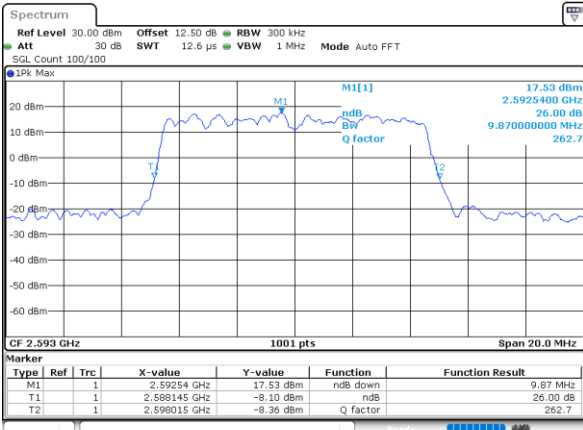
Date: 23_MAR_2022 00:30:09

Middle Channel / 5MHz / 16QAM



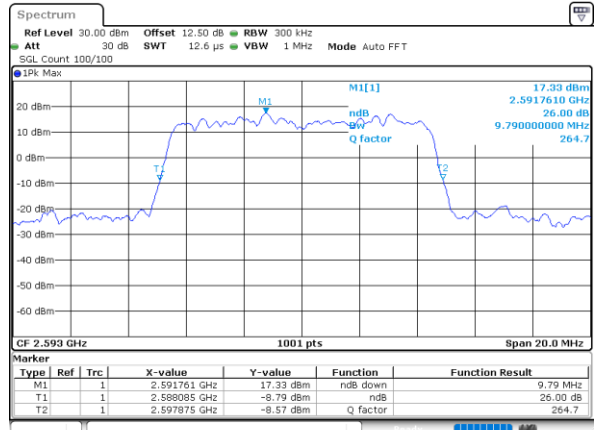
Date: 23_MAR_2022 00:30:132

Middle Channel / 10MHz / QPSK



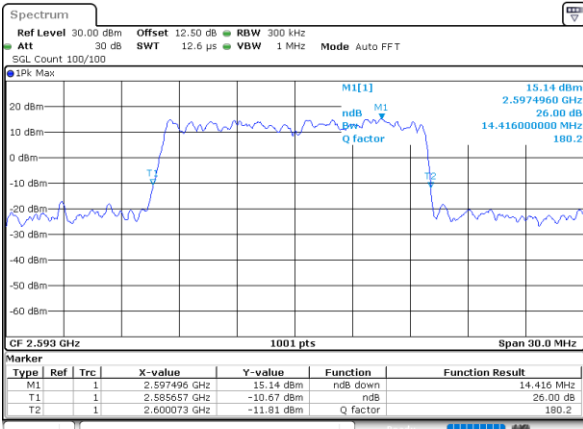
Date: 23_MAR_2022 00:31:44

Middle Channel / 10MHz / 16QAM



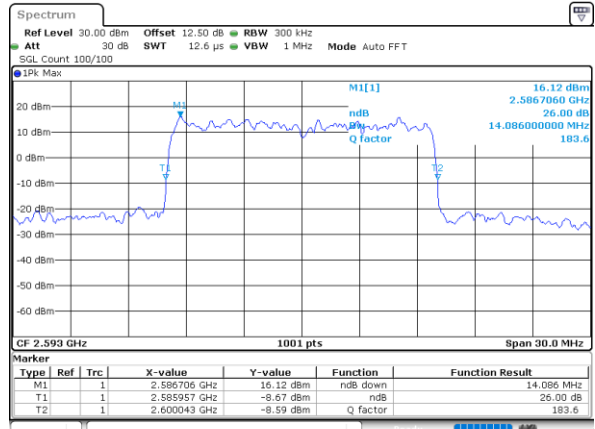
Date: 23_MAR_2022 00:32:07

Middle Channel / 15MHz / QPSK



Date: 23_MAR_2022 00:33:18

Middle Channel / 15MHz / 16QAM

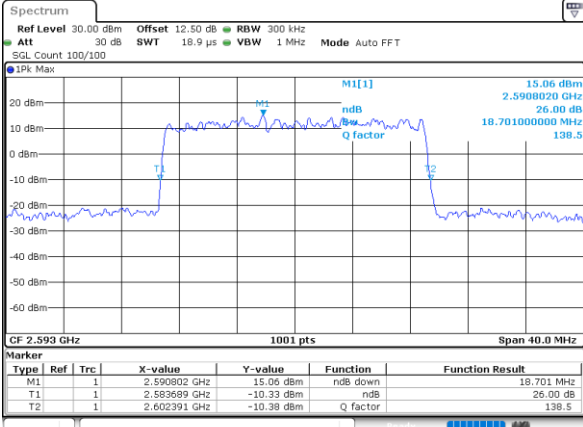


Date: 23_MAR_2022 00:33:42



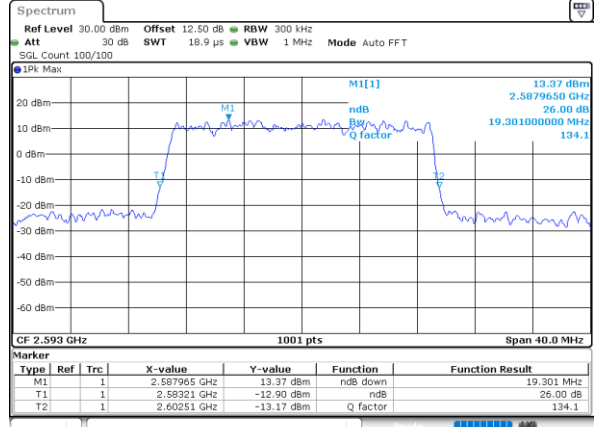
LTE Band 41

Middle Channel / 20MHz / QPSK



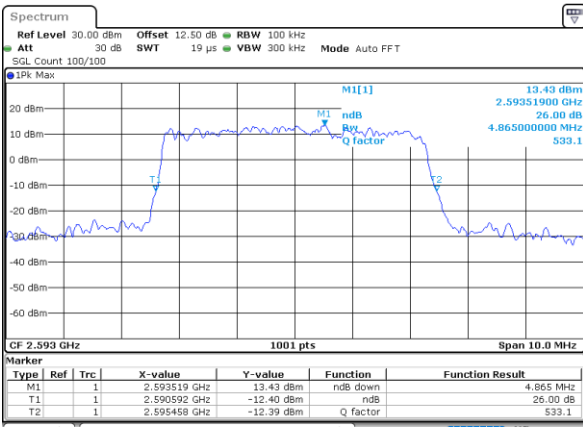
Date: 23_MAR_2022 00:34:53

Middle Channel / 20MHz / 16QAM



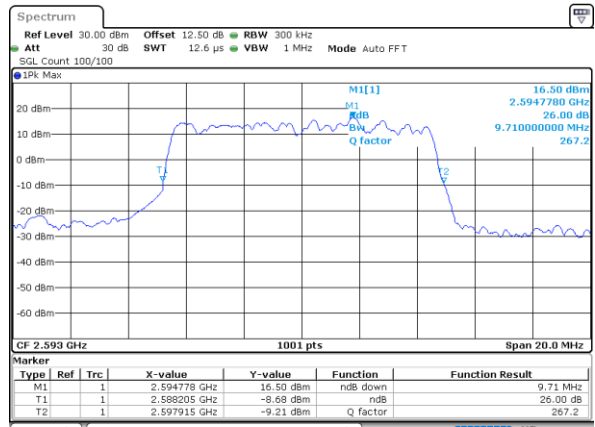
Date: 23_MAR_2022 00:35:17

Middle Channel / 5MHz / 64QAM



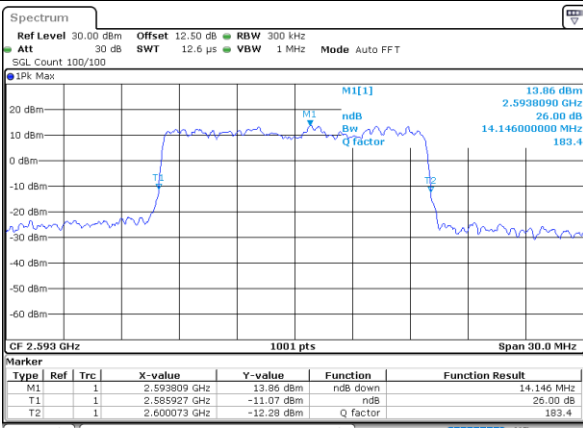
Date: 23_MAR_2022 00:36:05

Middle Channel / 10MHz / 64QAM



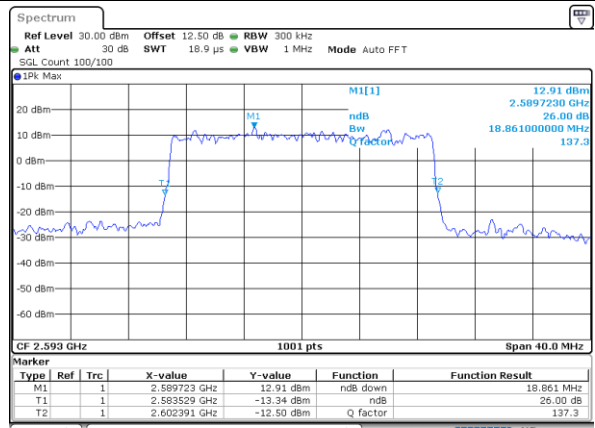
Date: 23_MAR_2022 00:36:52

Middle Channel / 15MHz / 64QAM



Date: 23_MAR_2022 00:37:40

Middle Channel / 20MHz / 64QAM



Date: 23_MAR_2022 00:38:27



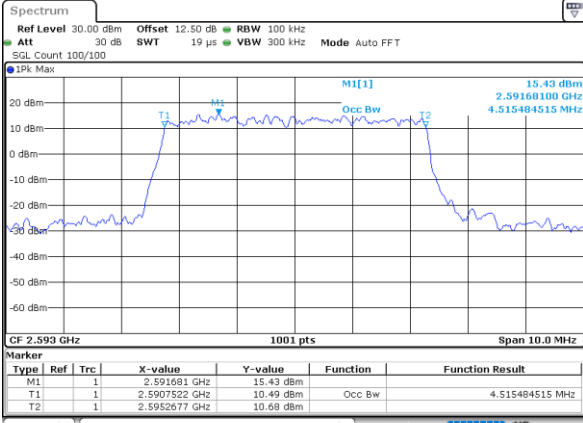
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.52	4.48	9.03	9.03	13.43	13.40	17.86	17.90
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.49	-	9.01	-	13.43	-	17.86	-



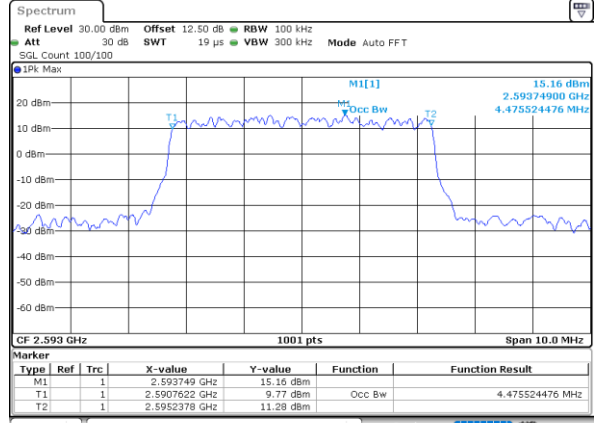
LTE Band 41

Middle Channel / 5MHz / QPSK



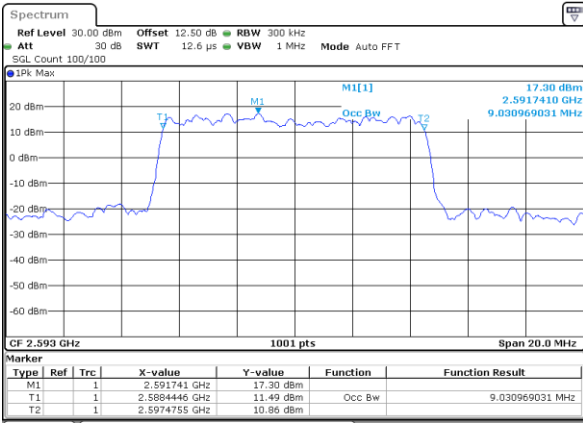
Date: 23_MAR_2022 00:29:22

Middle Channel / 5MHz / 16QAM



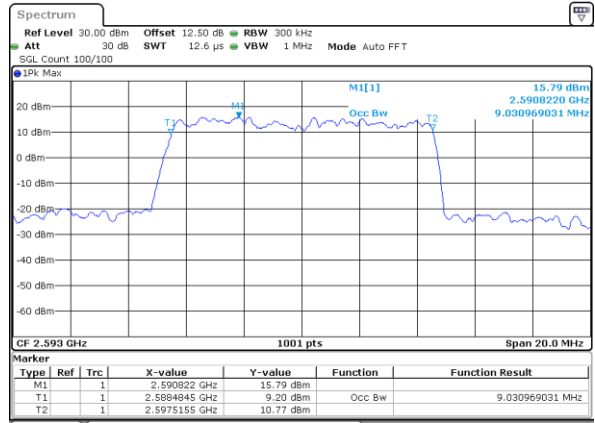
Date: 23_MAR_2022 00:29:45

Middle Channel / 10MHz / QPSK



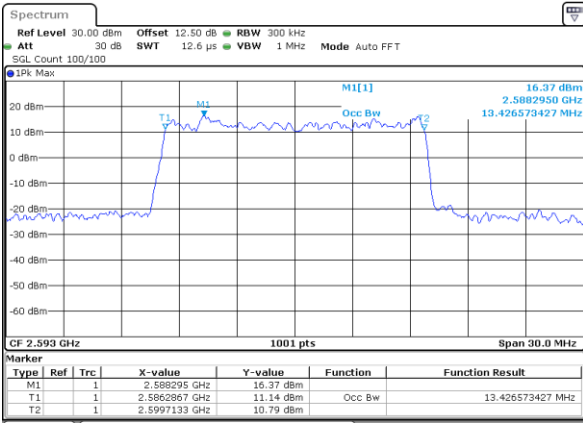
Date: 23_MAR_2022 00:30:56

Middle Channel / 10MHz / 16QAM



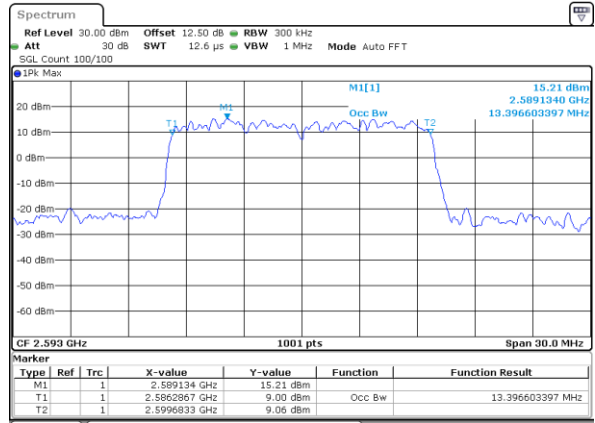
Date: 23_MAR_2022 00:31:20

Middle Channel / 15MHz / QPSK



Date: 23_MAR_2022 00:32:31

Middle Channel / 15MHz / 16QAM

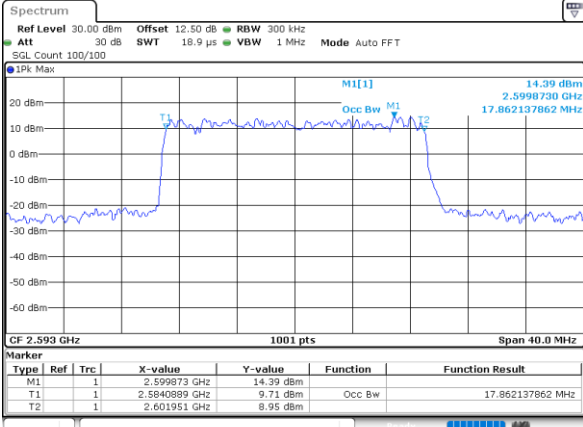


Date: 23_MAR_2022 00:32:55



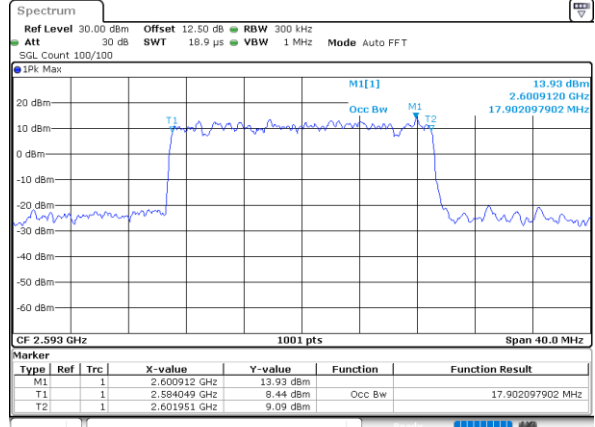
LTE Band 41

Middle Channel / 20MHz / QPSK



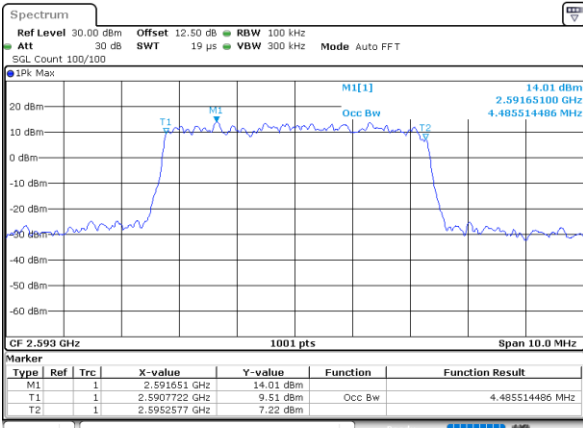
Date: 23_MAR_2022 00:34:06

Middle Channel / 20MHz / 16QAM



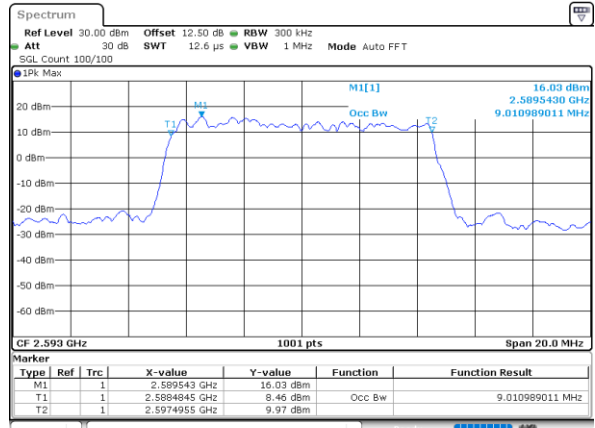
Date: 23_MAR_2022 00:34:30

Middle Channel / 5MHz / 64QAM



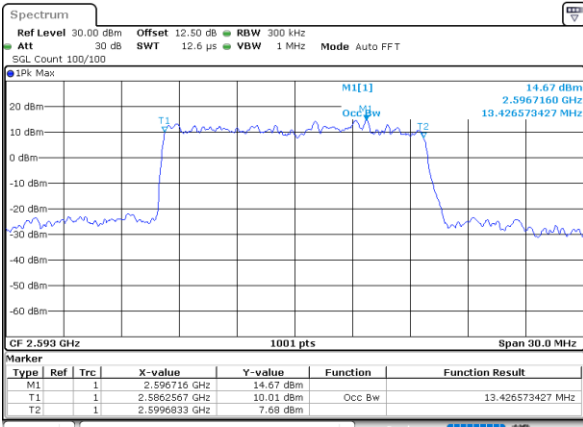
Date: 23_MAR_2022 00:35:41

Middle Channel / 10MHz / 64QAM



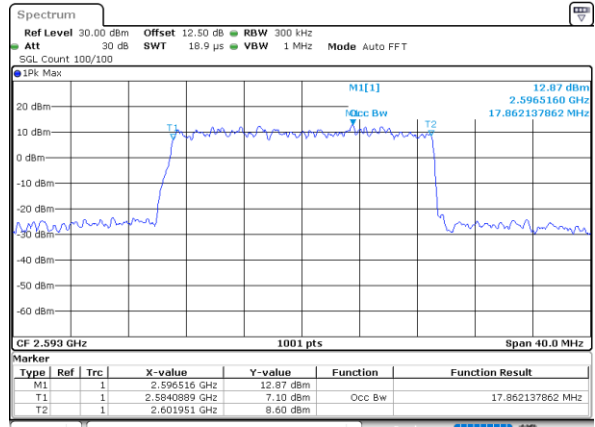
Date: 23_MAR_2022 00:36:29

Middle Channel / 15MHz / 64QAM



Date: 23_MAR_2022 00:37:16

Middle Channel / 20MHz / 64QAM



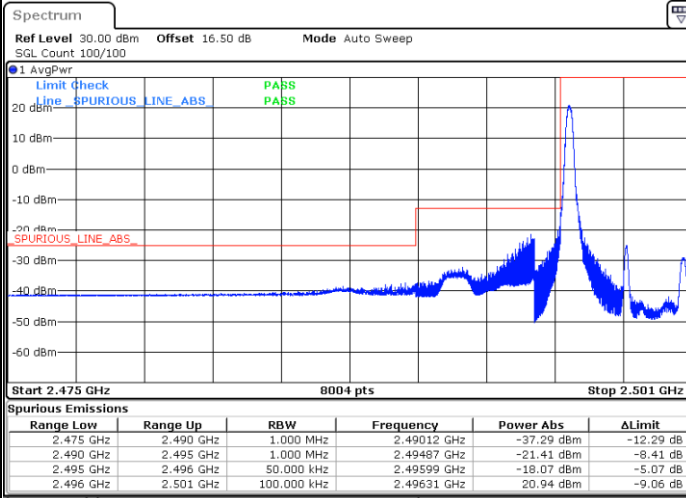
Date: 23_MAR_2022 00:38:04



Conducted Band Edge

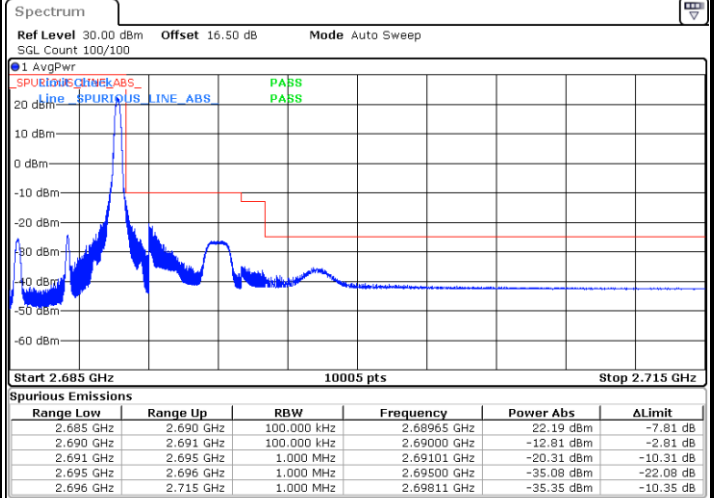
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



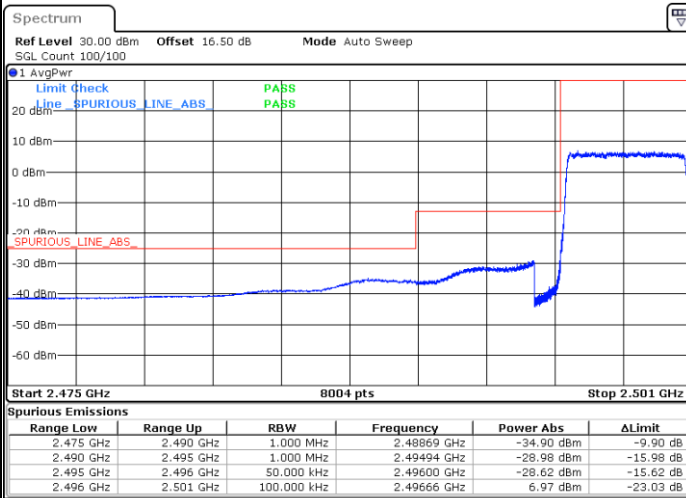
Date: 8.MAR.2022 15:06:57

Highest Band Edge / 1 RB



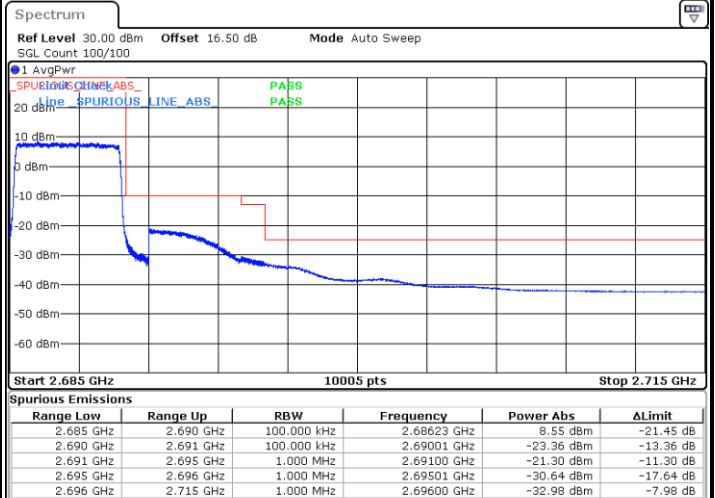
Date: 8.MAR.2022 15:10:31

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:08:44

Highest Band Edge / Full RB

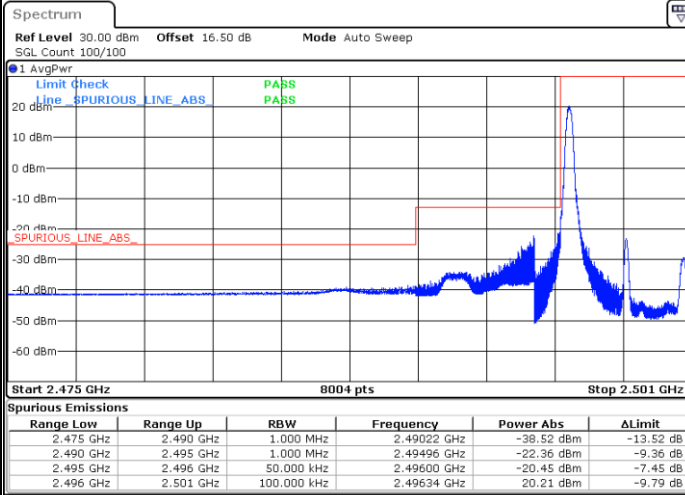


Date: 8.MAR.2022 15:12:18



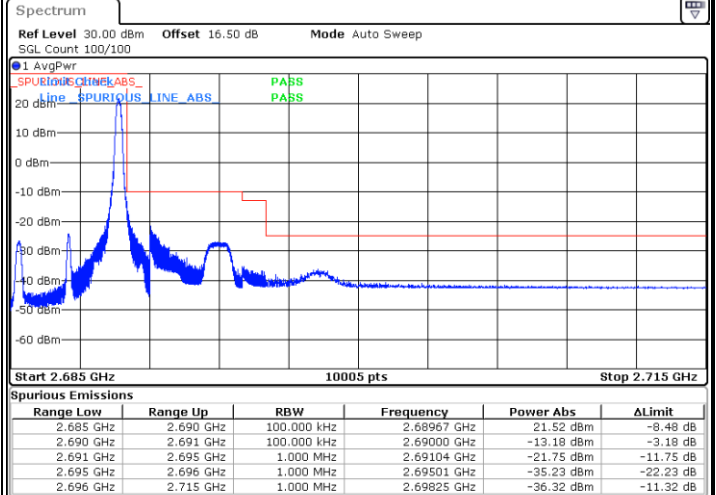
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



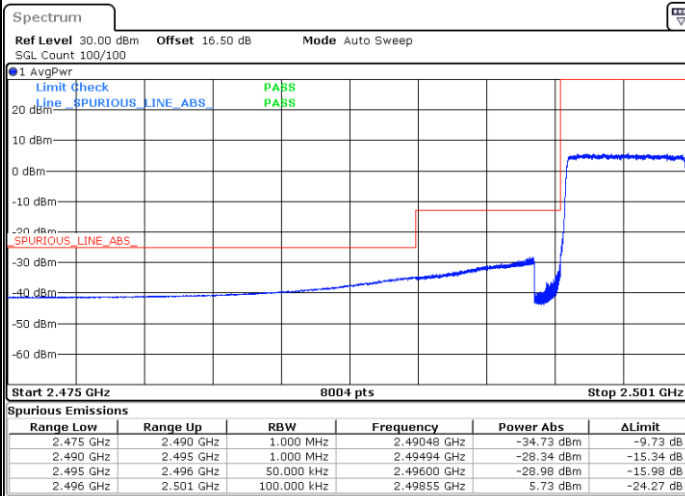
Date: 8.MAR.2022 15:07:51

Highest Band Edge / 1 RB



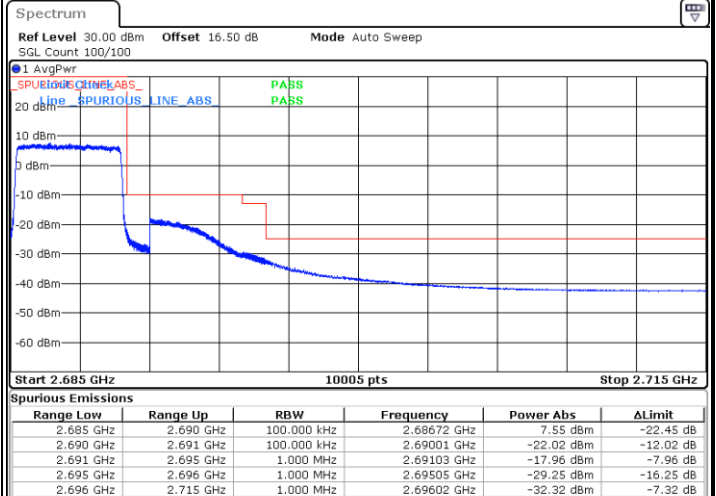
Date: 8.MAR.2022 15:11:24

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:09:37

Highest Band Edge / Full RB

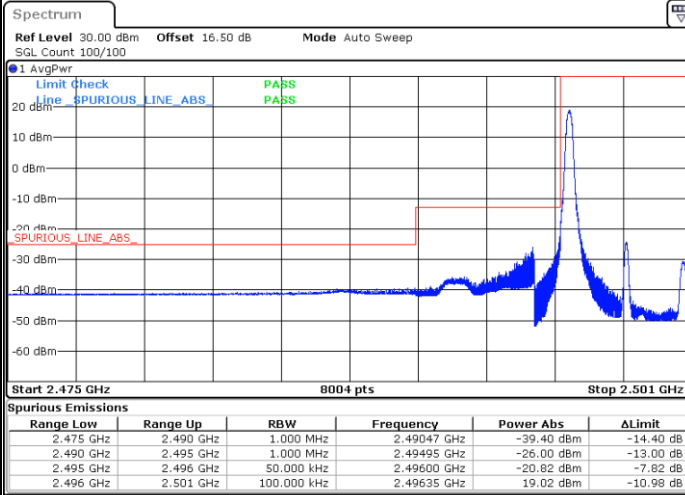


Date: 8.MAR.2022 15:13:12



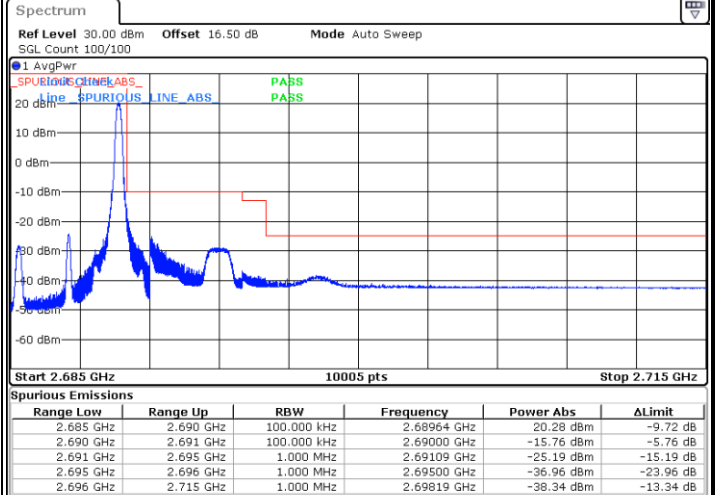
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



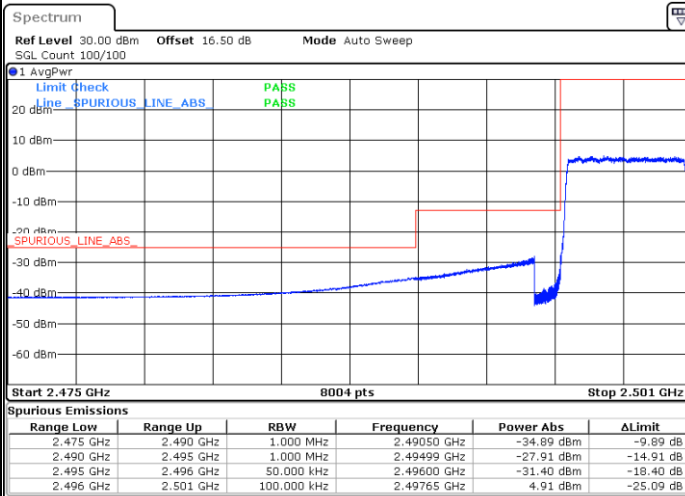
Date: 8.MAR.2022 15:14:05

Highest Band Edge / 1 RB



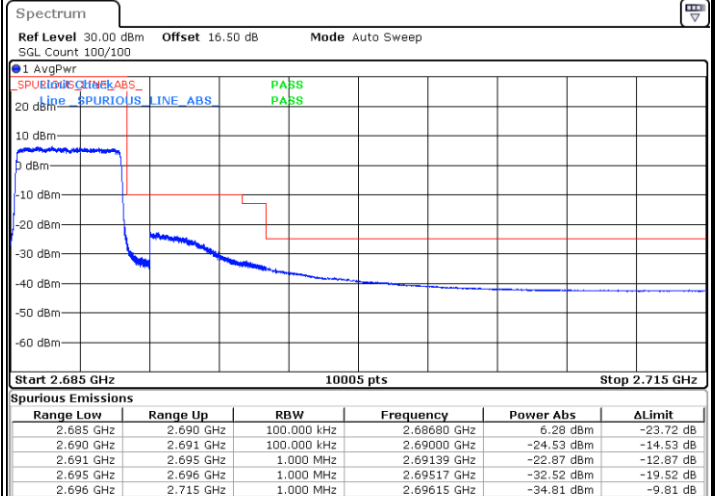
Date: 8.MAR.2022 15:15:52

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:14:58

Highest Band Edge / Full RB

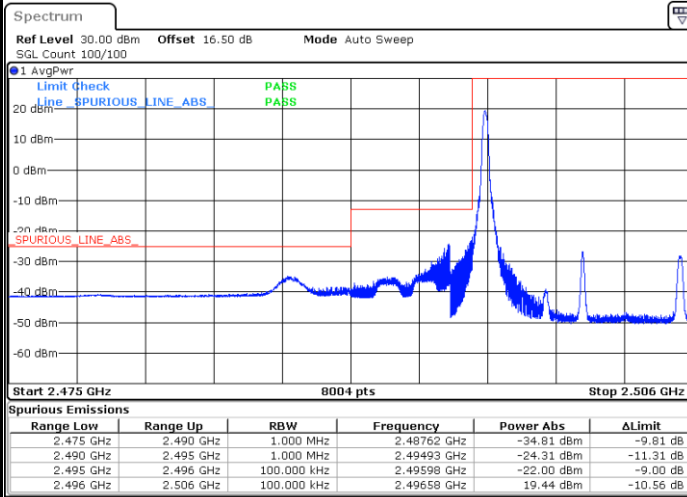


Date: 8.MAR.2022 15:16:45



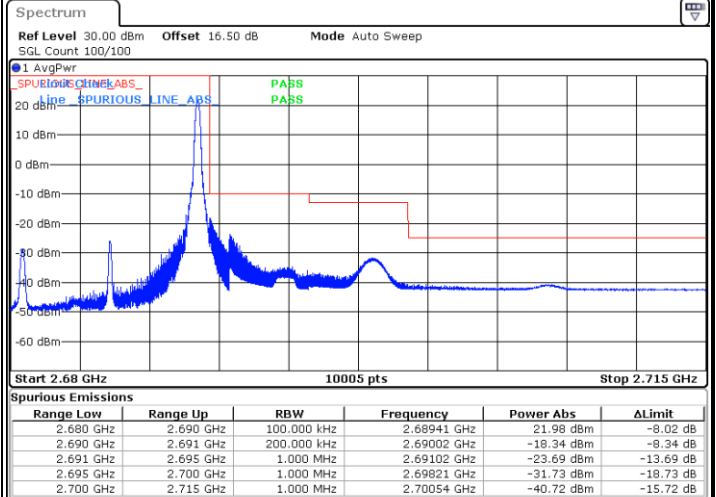
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



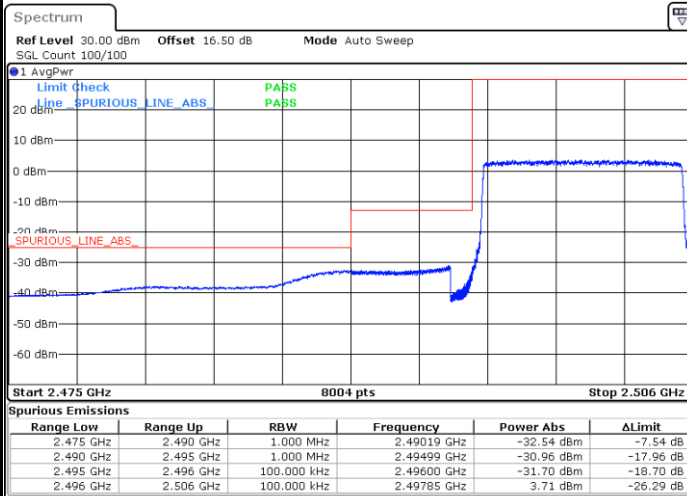
Date: 8.MAR.2022 15:17:40

Highest Band Edge / 1 RB



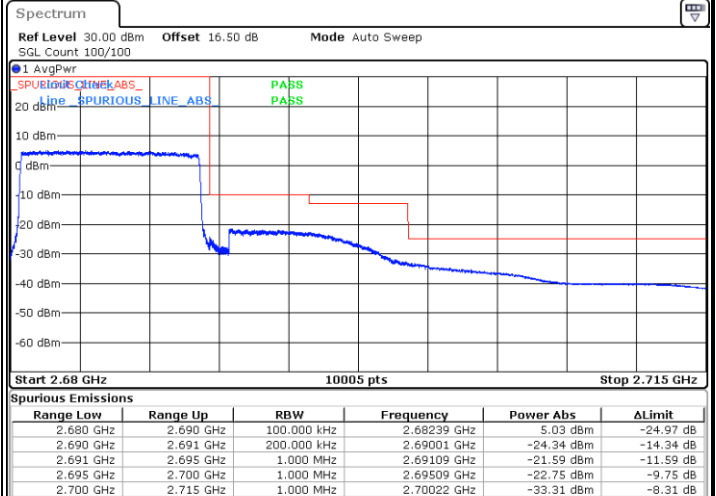
Date: 8.MAR.2022 15:21:14

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:19:27

Highest Band Edge / Full RB

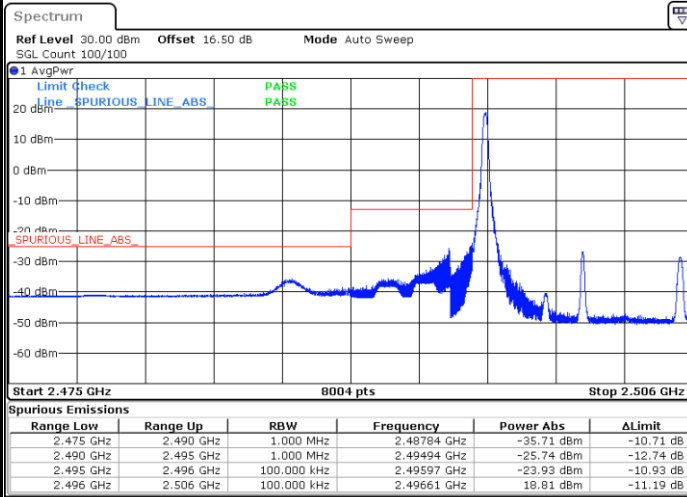


Date: 8.MAR.2022 15:23:01



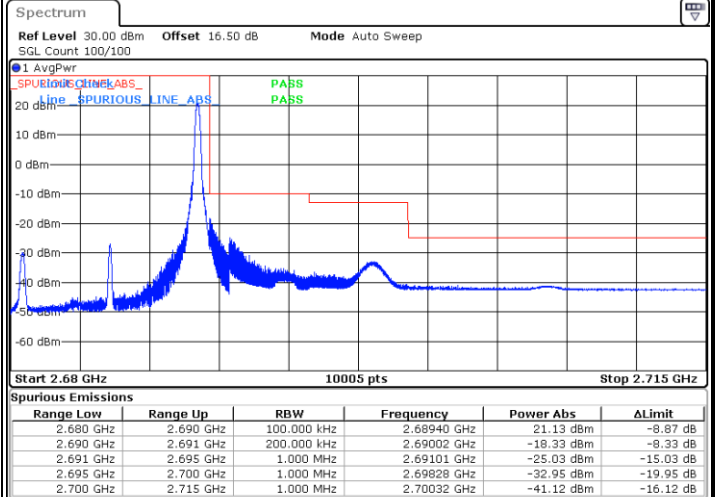
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



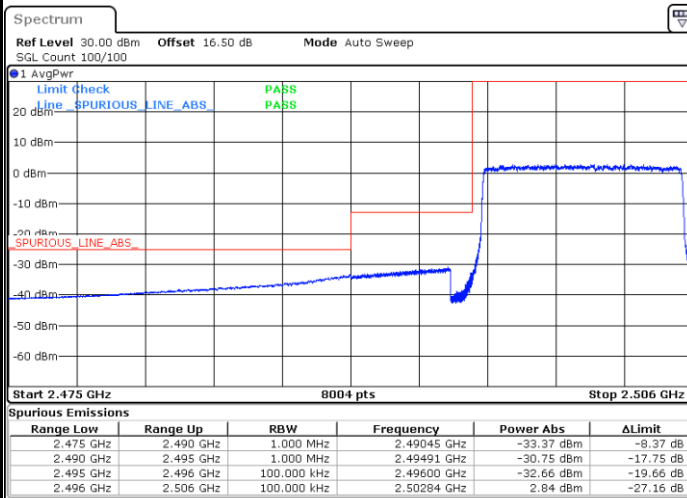
Date: 8.MAR.2022 15:18:33

Highest Band Edge / 1 RB



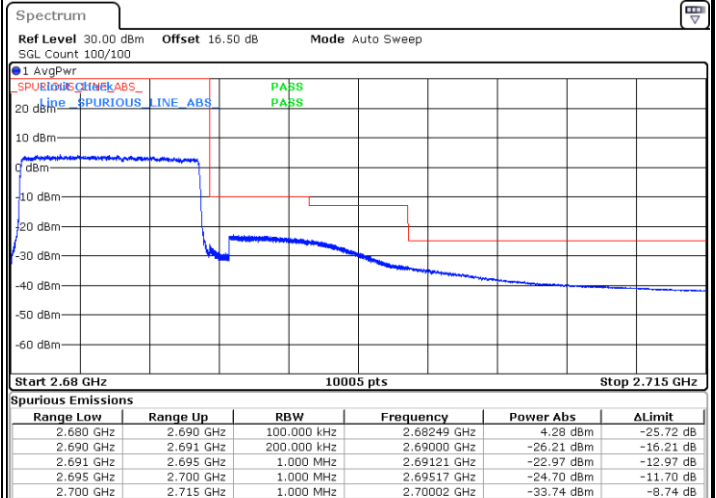
Date: 8.MAR.2022 15:22:07

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:20:20

Highest Band Edge / Full RB

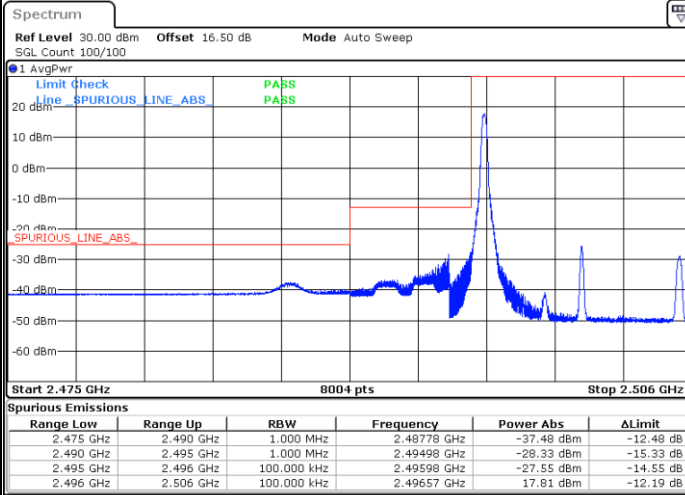


Date: 8.MAR.2022 15:23:55



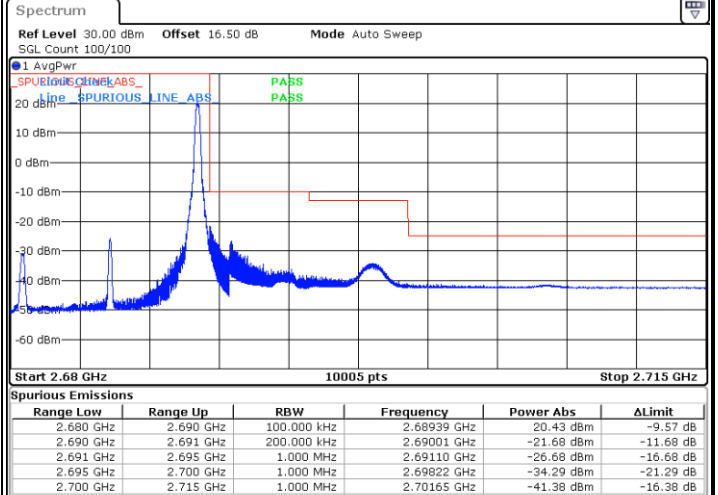
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



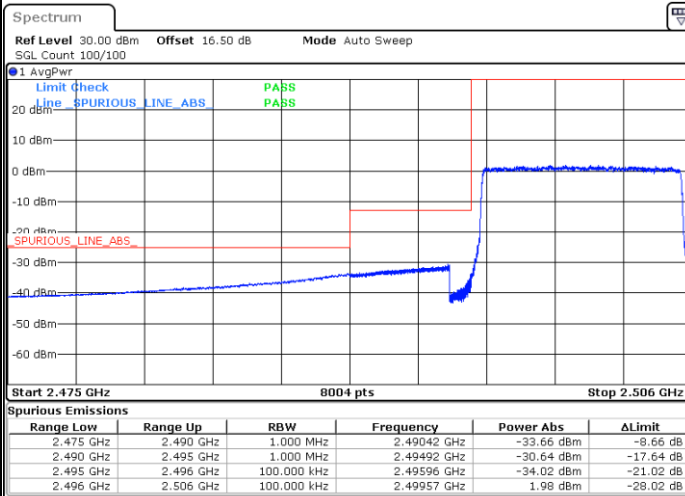
Date: 8.MAR.2022 15:24:48

Highest Band Edge / 1 RB



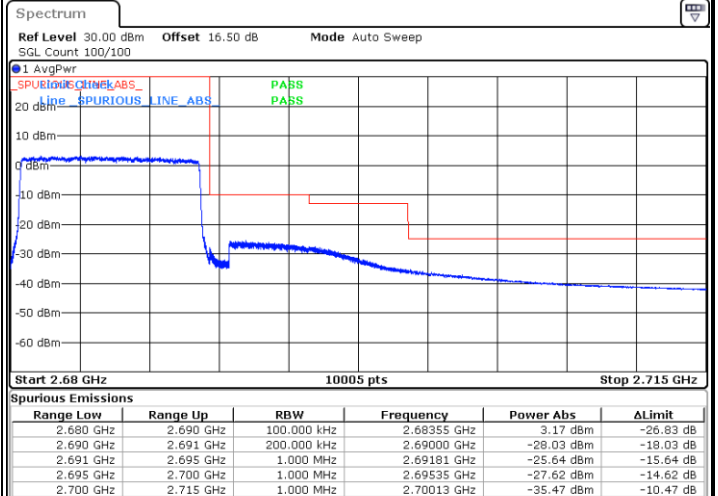
Date: 8.MAR.2022 15:26:35

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:25:41

Highest Band Edge / Full RB

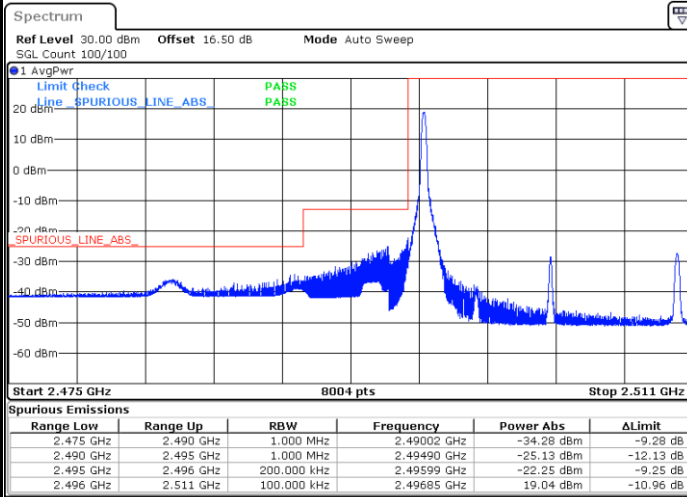


Date: 8.MAR.2022 15:27:28



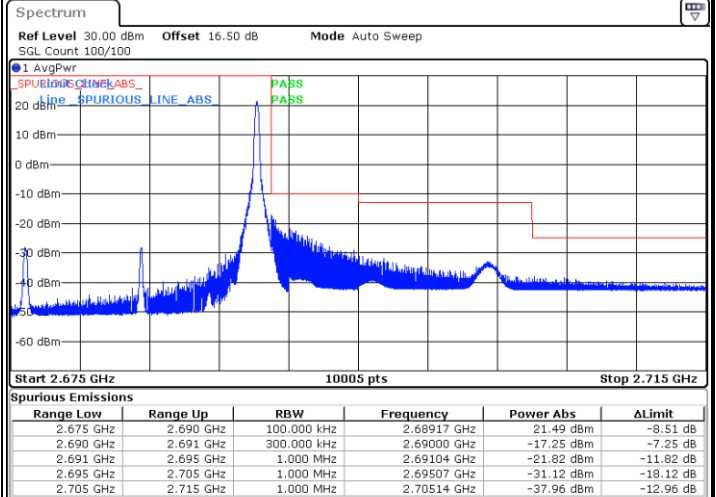
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



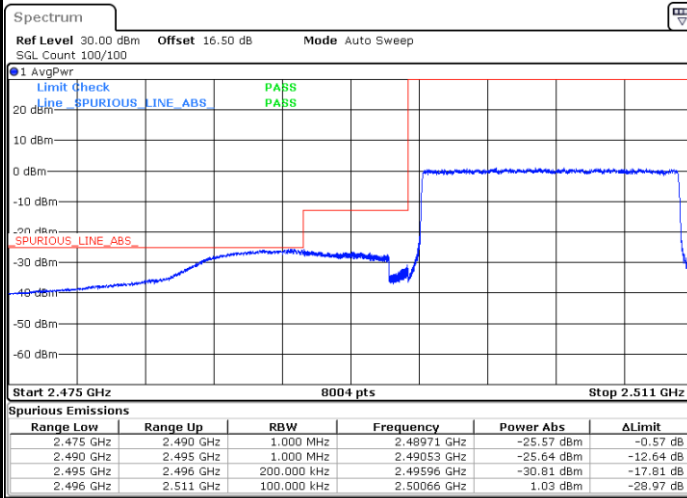
Date: 8.MAR.2022 15:31:57

Highest Band Edge / 1 RB



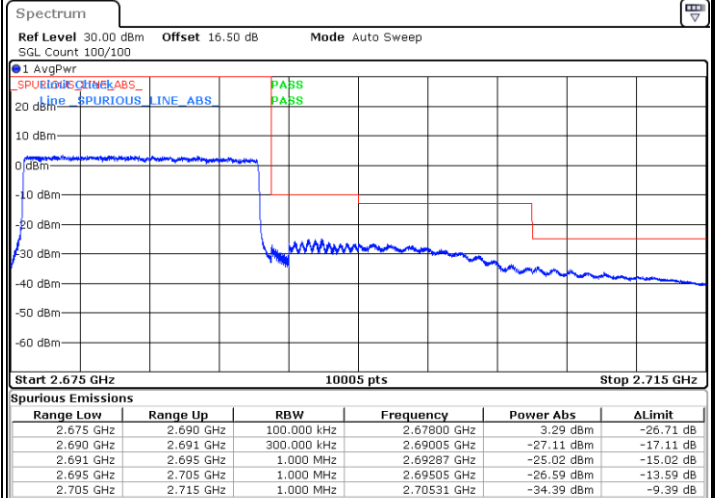
Date: 8.MAR.2022 15:35:30

Lowest Band Edge / Full RB

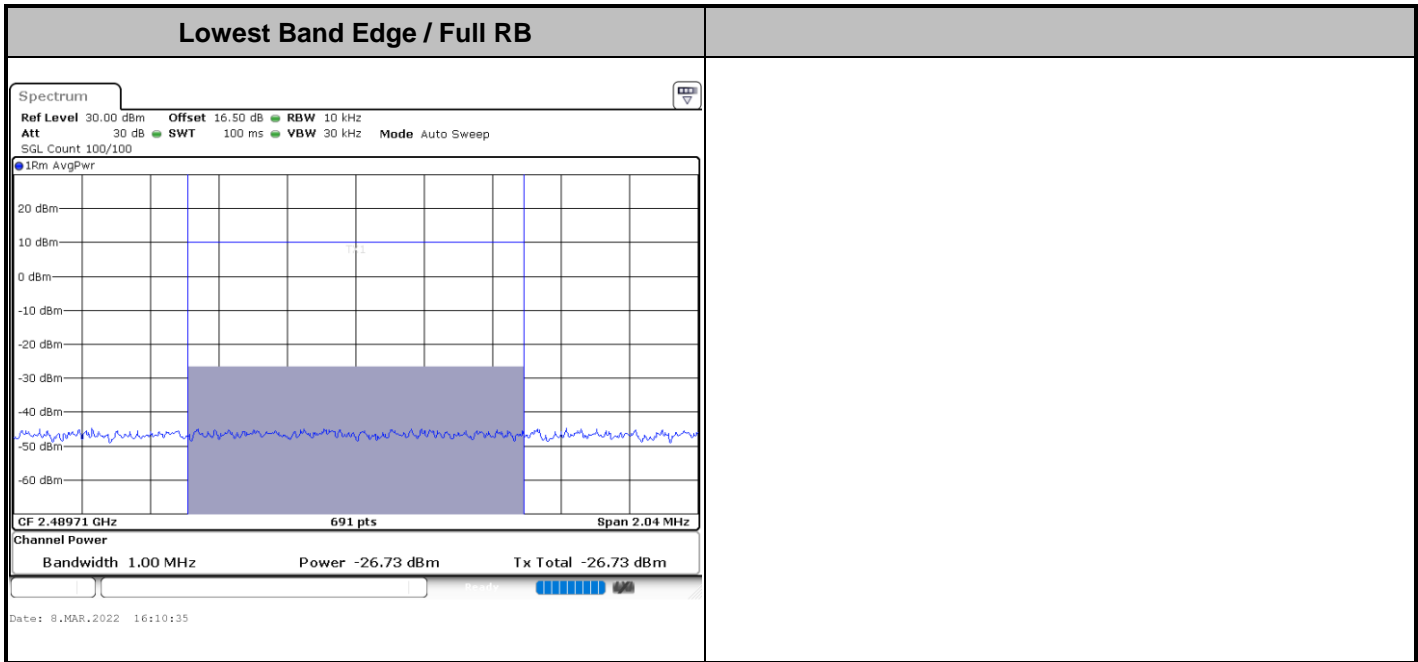


Date: 8.MAR.2022 15:33:43

Highest Band Edge / Full RB



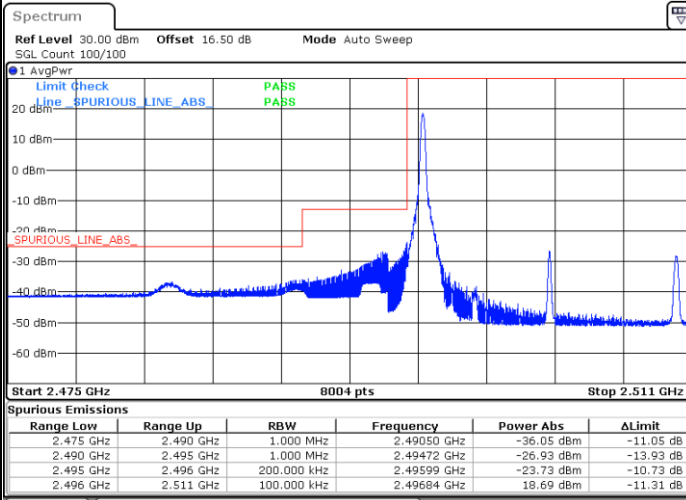
Date: 8.MAR.2022 15:37:18





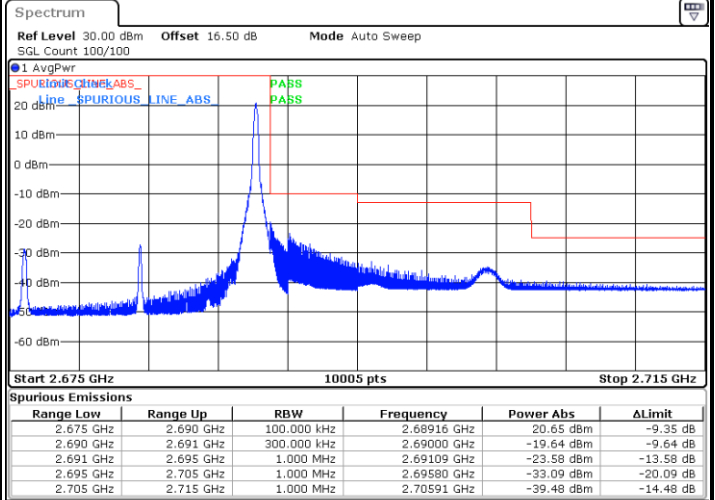
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



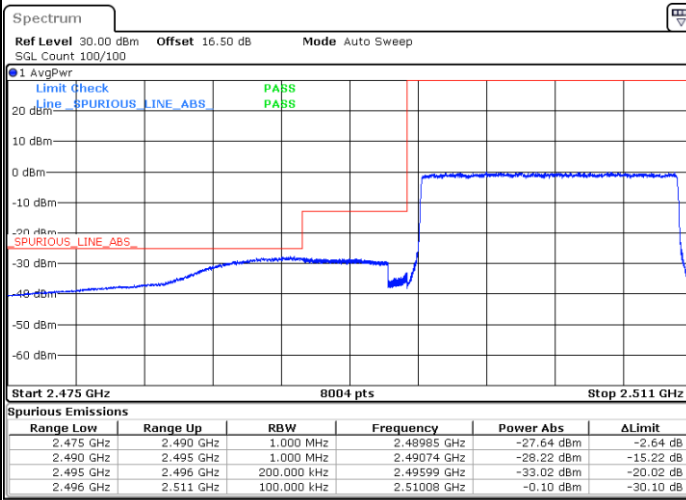
Date: 8.MAR.2022 15:32:50

Highest Band Edge / 1 RB



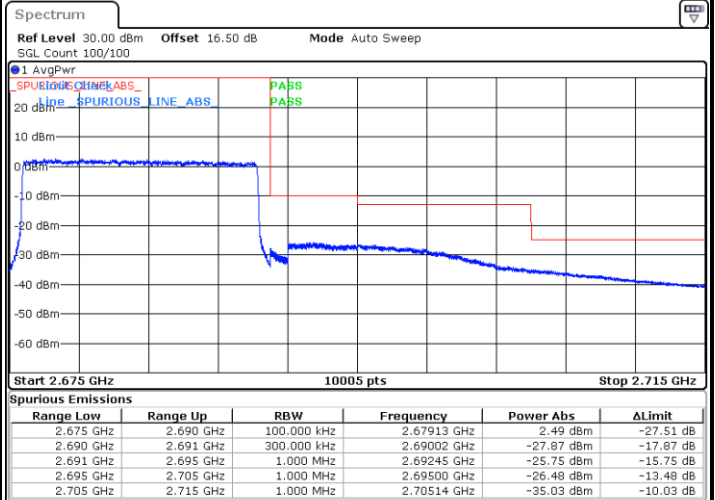
Date: 8.MAR.2022 15:36:24

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:34:36

Highest Band Edge / Full RB

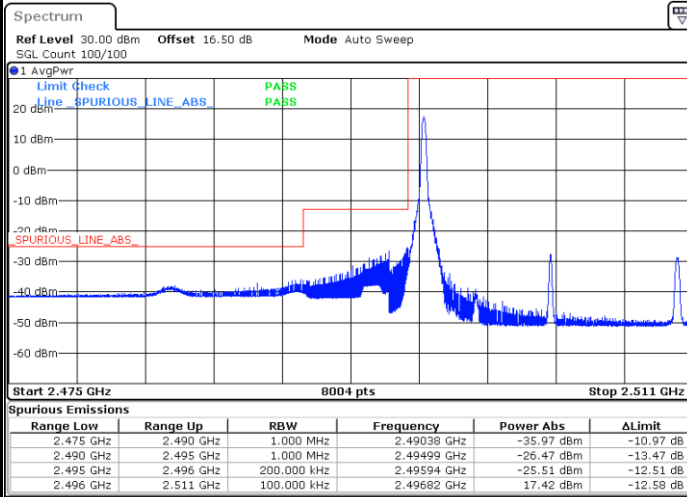


Date: 8.MAR.2022 15:38:11



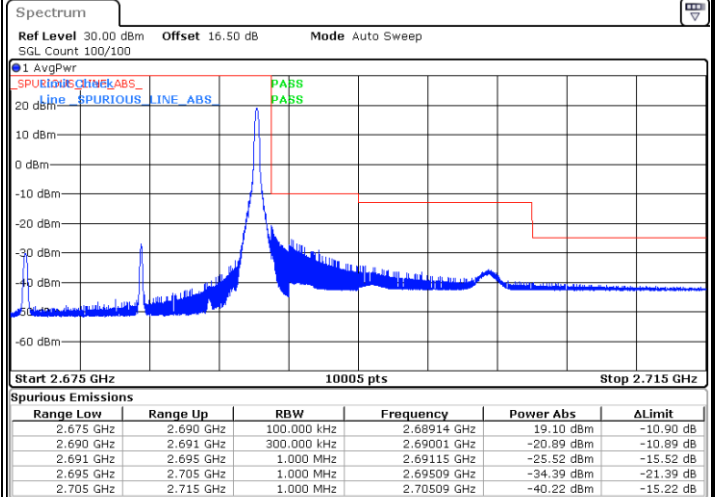
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



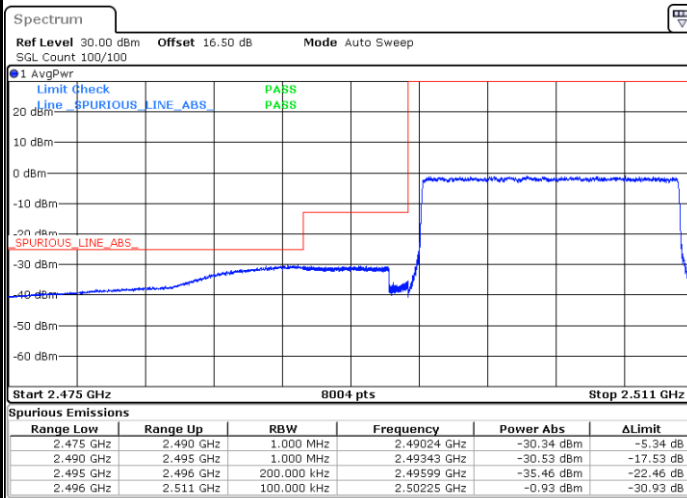
Date: 8.MAR.2022 15:28:23

Highest Band Edge / 1 RB



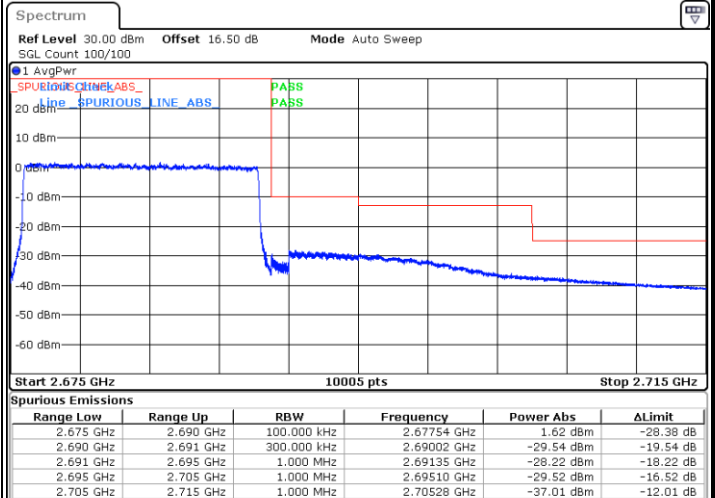
Date: 8.MAR.2022 15:30:10

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:29:16

Highest Band Edge / Full RB

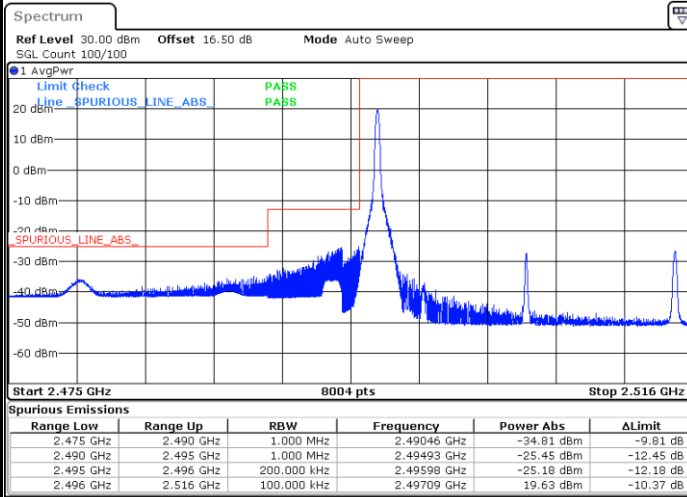


Date: 8.MAR.2022 15:31:04



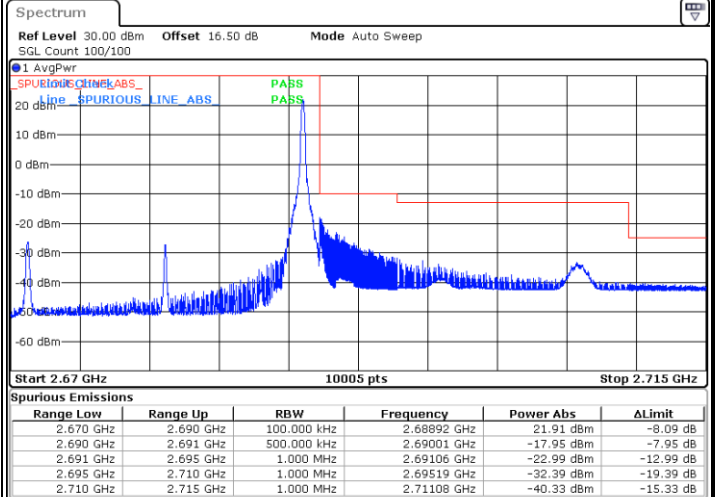
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



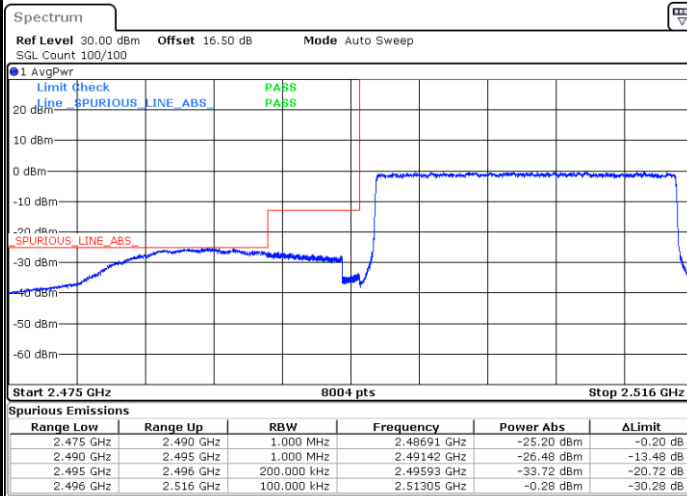
Date: 8.MAR.2022 15:39:06

Highest Band Edge / 1 RB



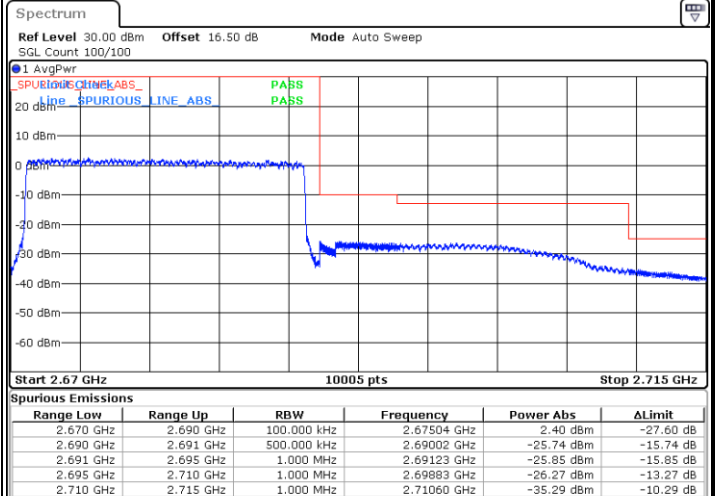
Date: 8.MAR.2022 15:42:39

Lowest Band Edge / Full RB

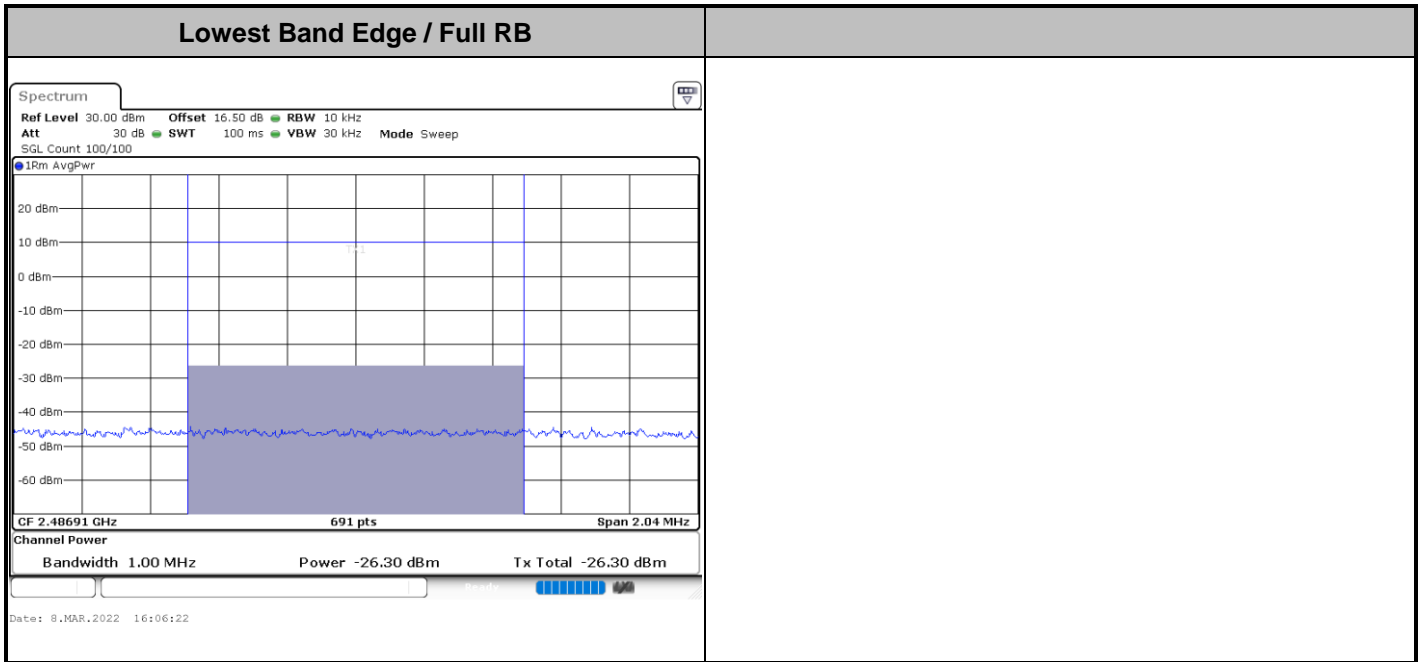


Date: 8.MAR.2022 15:40:52

Highest Band Edge / Full RB



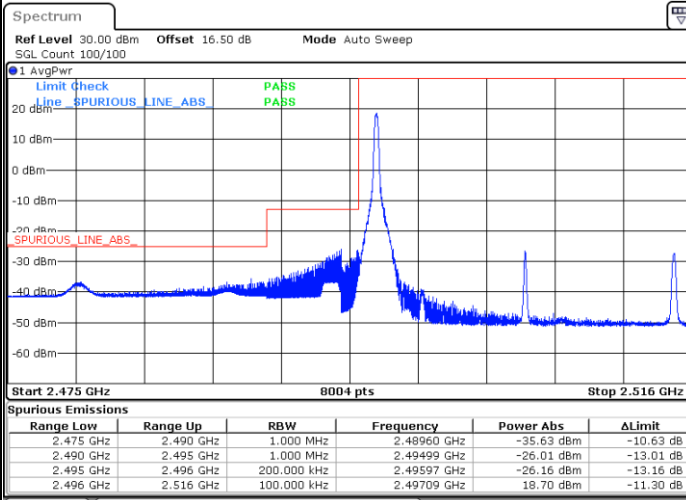
Date: 8.MAR.2022 15:45:21





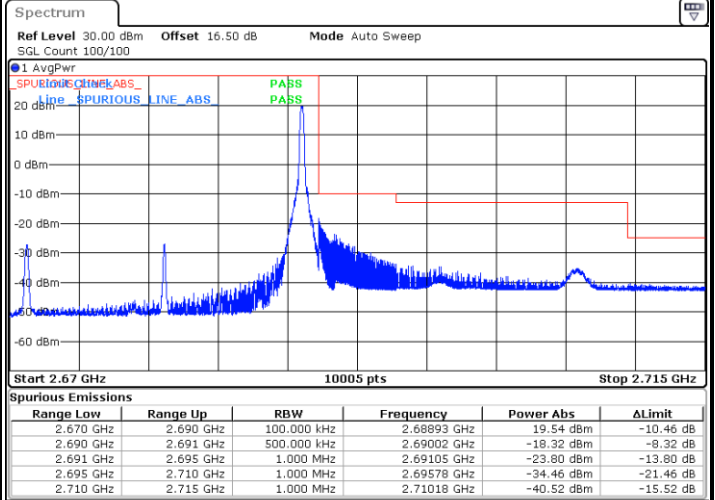
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



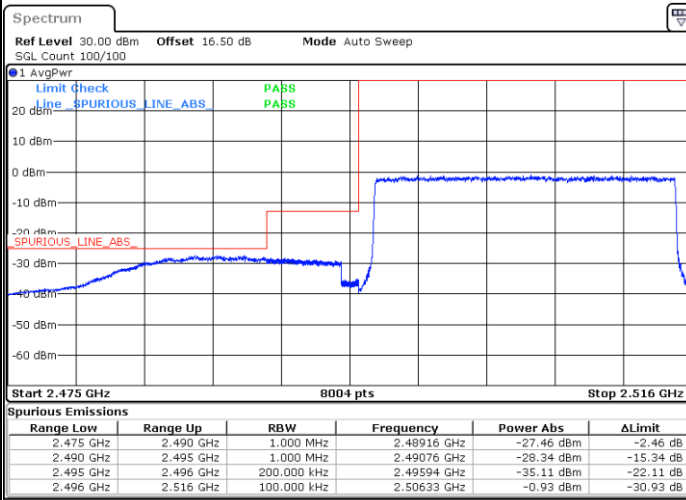
Date: 8.MAR.2022 15:39:59

Highest Band Edge / 1 RB



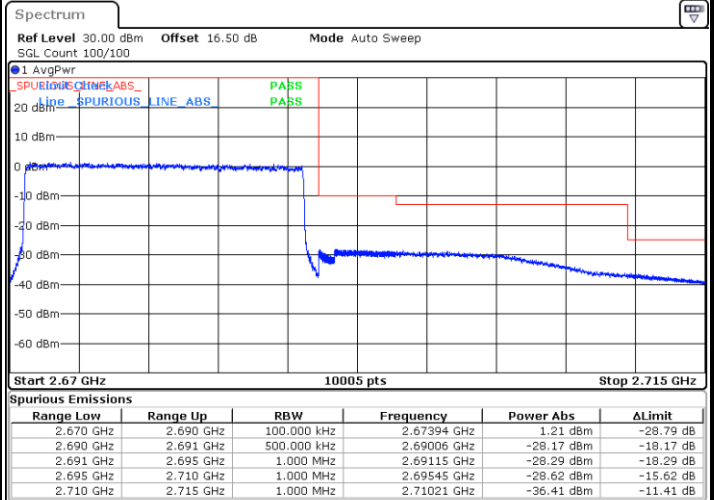
Date: 8.MAR.2022 15:43:33

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:41:45

Highest Band Edge / Full RB



Date: 8.MAR.2022 15:44:27