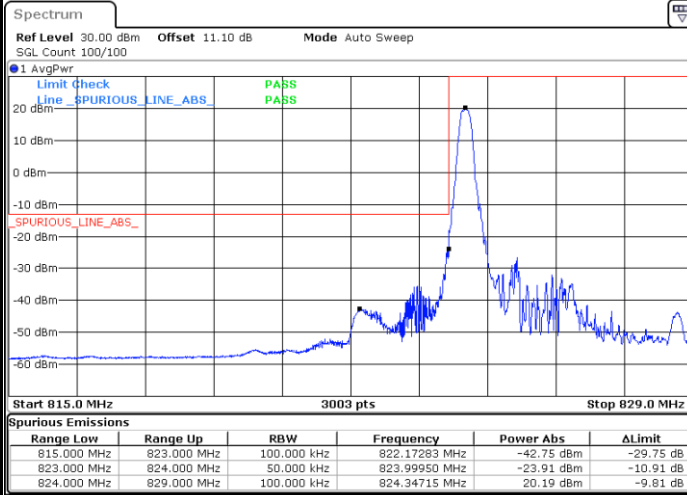




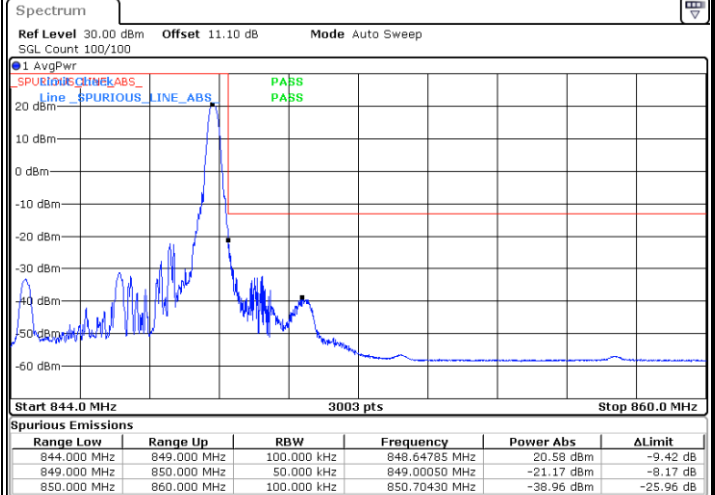
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



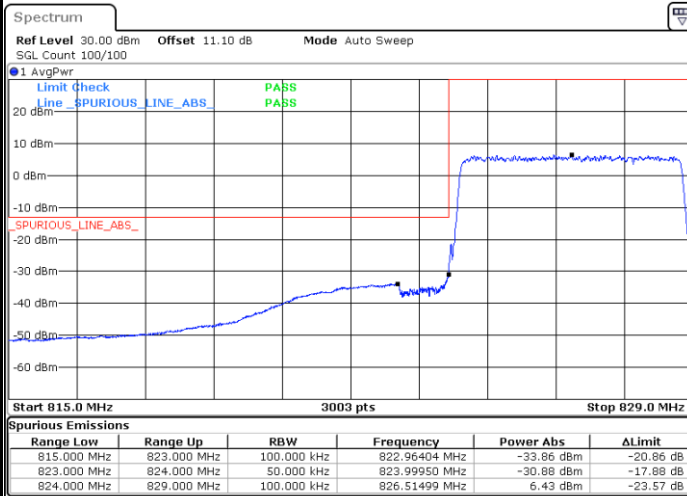
Date: 1.MAR.2022 09:52:32

Highest Band Edge / 1 RB



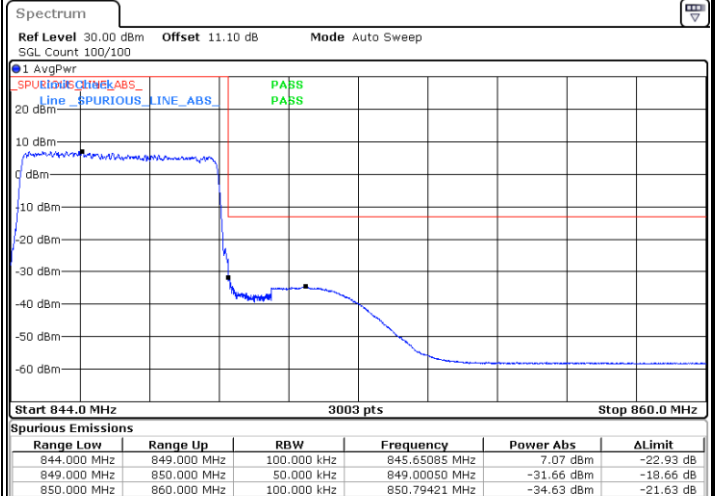
Date: 1.MAR.2022 09:58:45

Lowest Band Edge / Full RB



Date: 1.MAR.2022 09:51:39

Highest Band Edge / Full RB

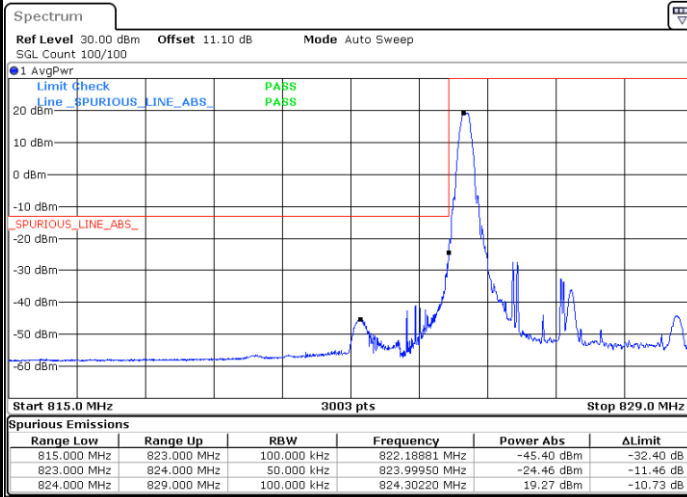


Date: 1.MAR.2022 09:59:38



LTE Band 26 / 5MHz / 64QAM

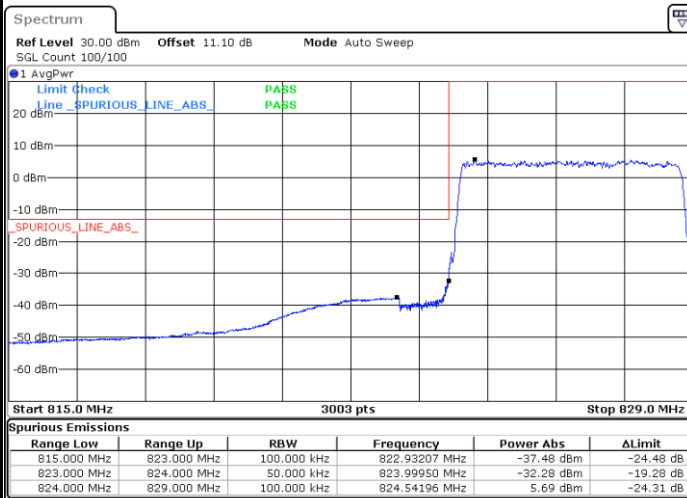
Lowest Band Edge / 1RB



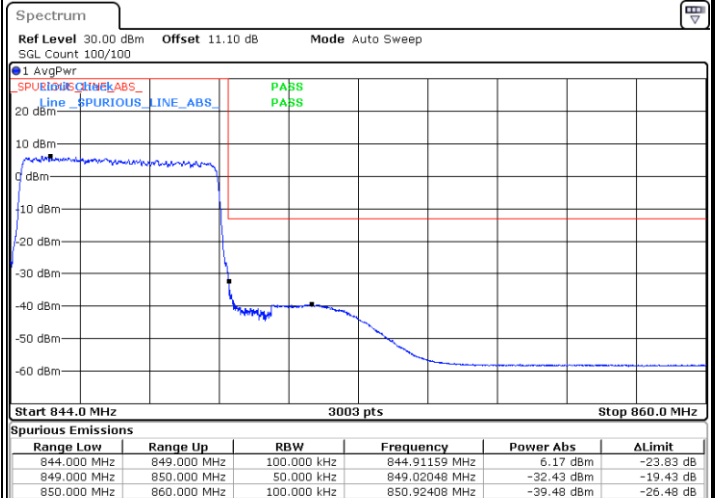
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



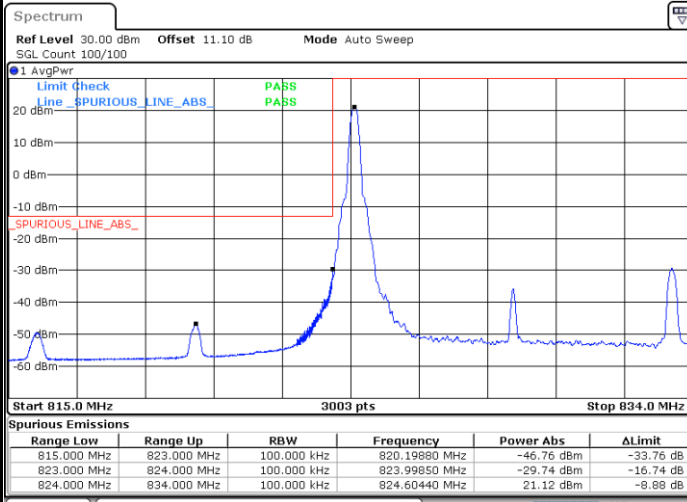
Highest Band Edge / Full RB





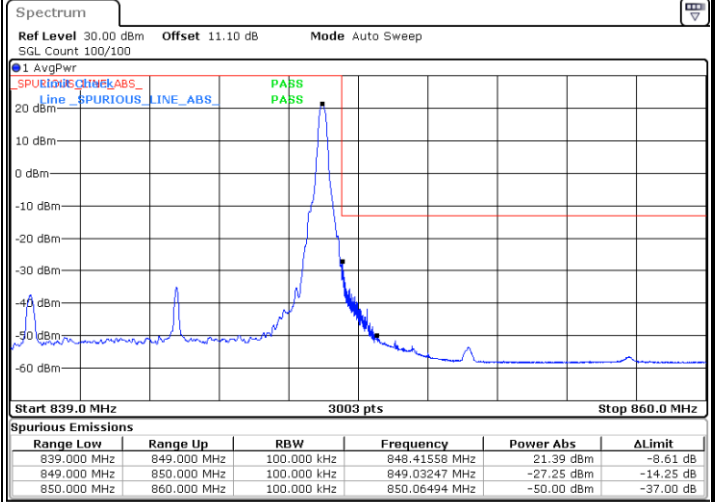
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



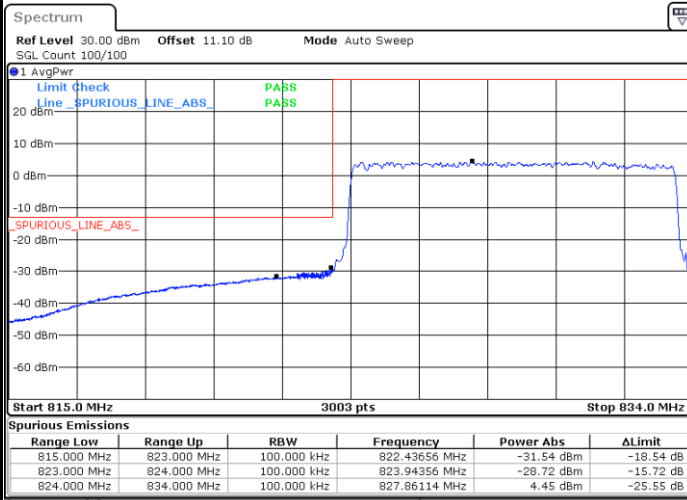
Date: 1.MAR.2022 10:11:35

Highest Band Edge / 1 RB



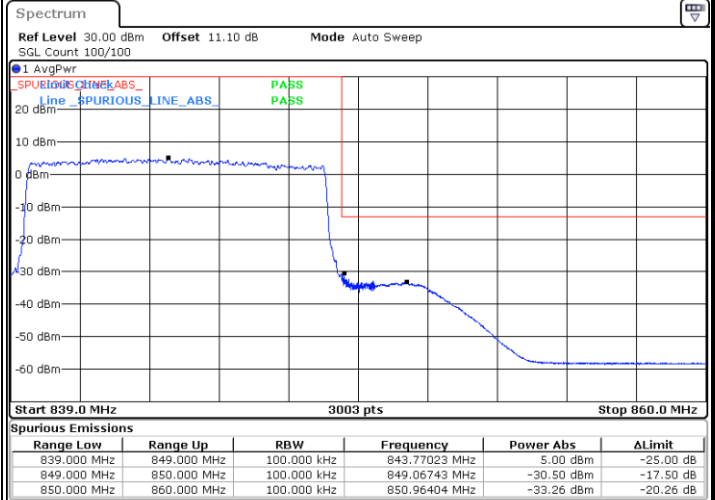
Date: 1.MAR.2022 10:16:02

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:08:52

Highest Band Edge / Full RB

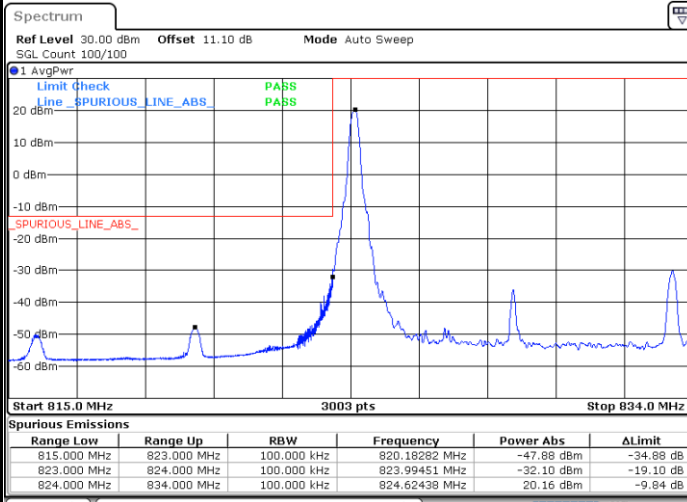


Date: 1.MAR.2022 10:18:42



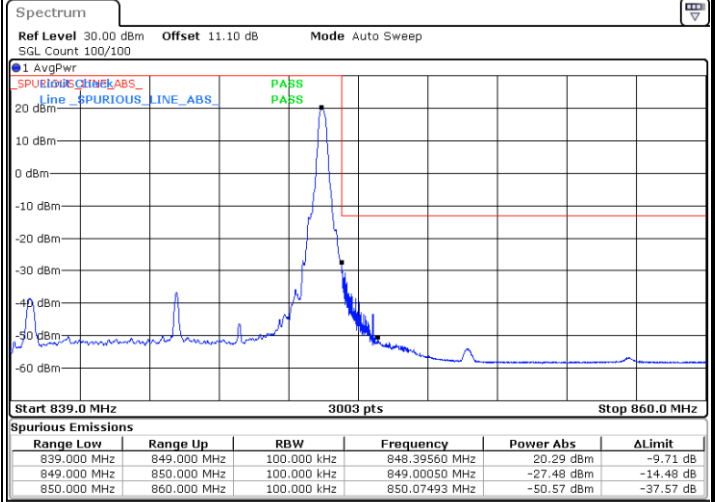
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



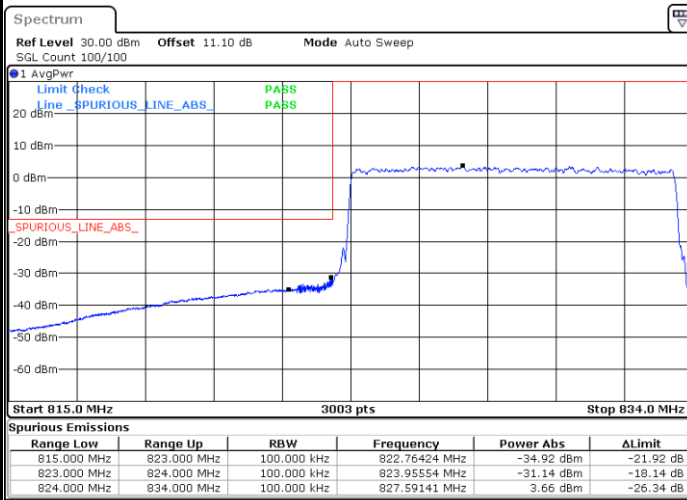
Date: 1.MAR.2022 10:10:40

Highest Band Edge / 1 RB



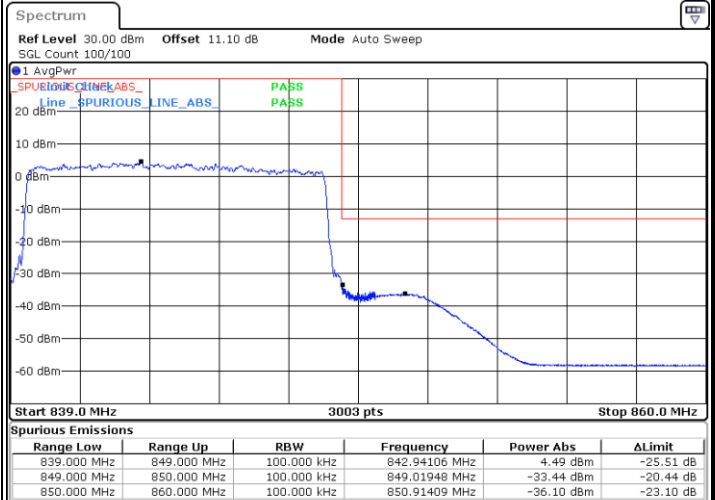
Date: 1.MAR.2022 10:16:55

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:09:47

Highest Band Edge / Full RB

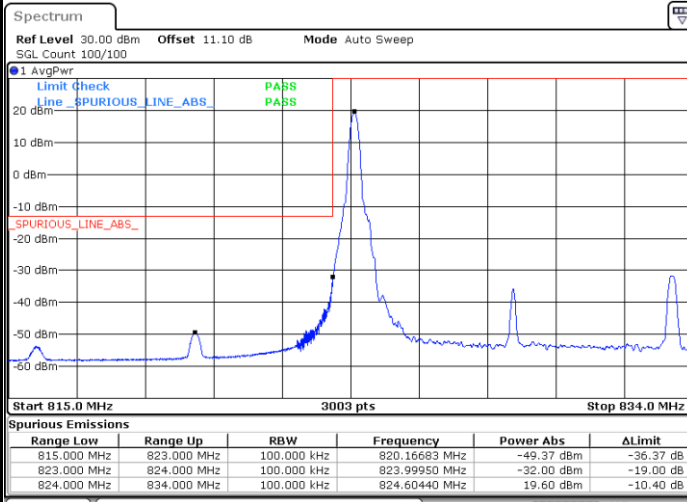


Date: 1.MAR.2022 10:17:48



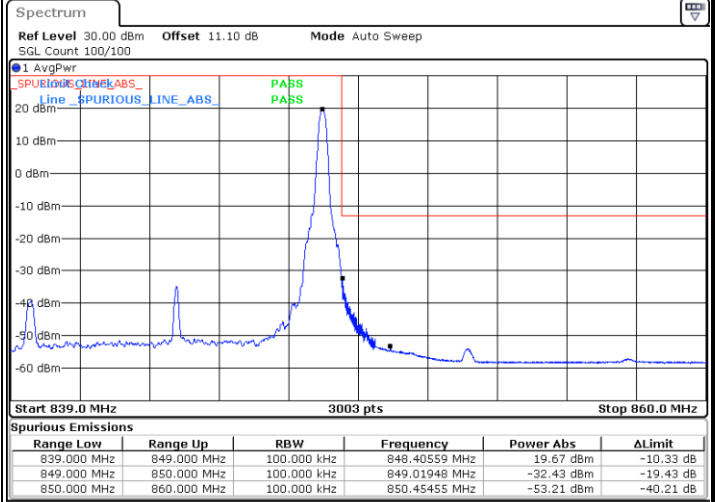
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



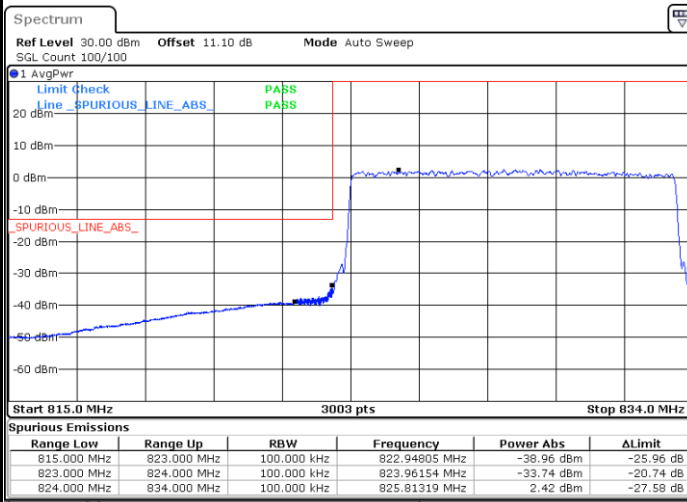
Date: 1.MAR.2022 10:21:30

Highest Band Edge / 1 RB



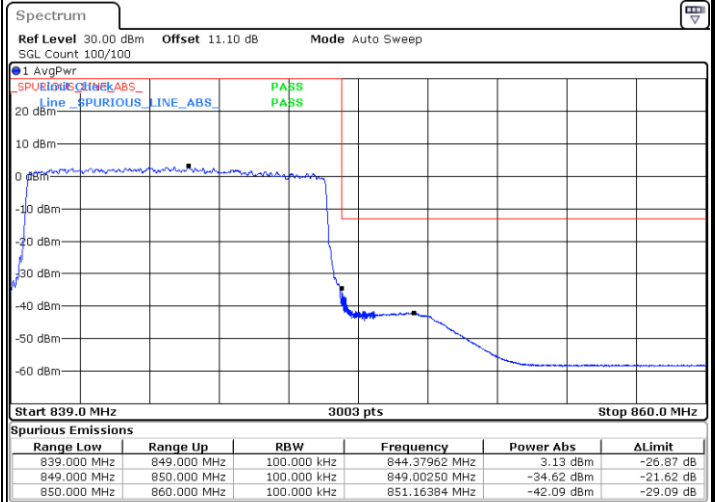
Date: 1.MAR.2022 10:23:12

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:20:35

Highest Band Edge / Full RB

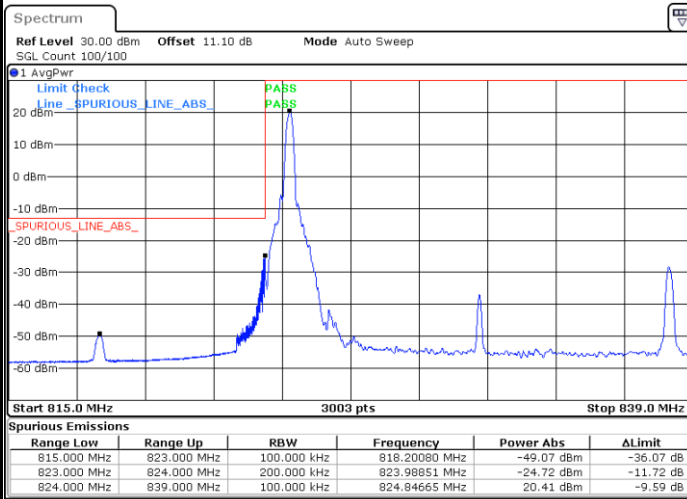


Date: 1.MAR.2022 10:24:05



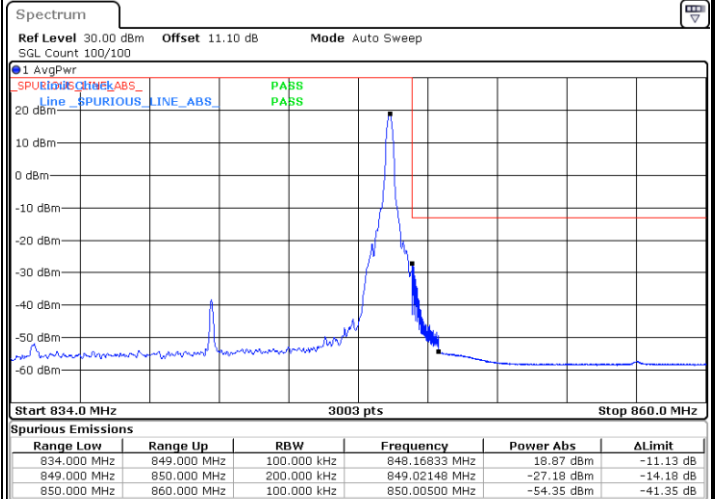
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



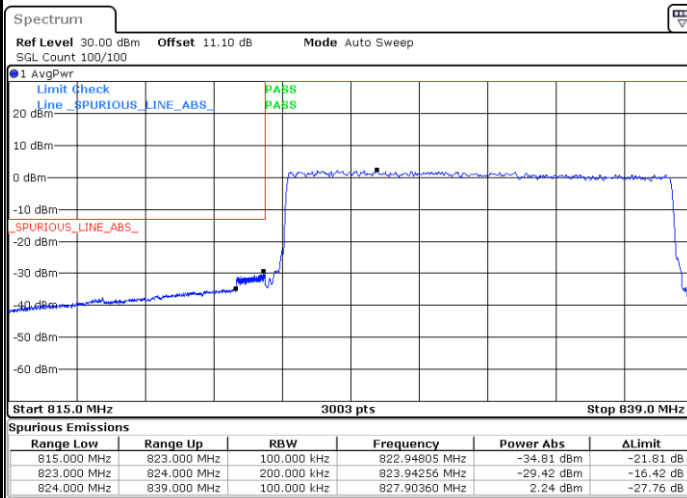
Date: 1.MAR.2022 10:32:00

Highest Band Edge / 1 RB



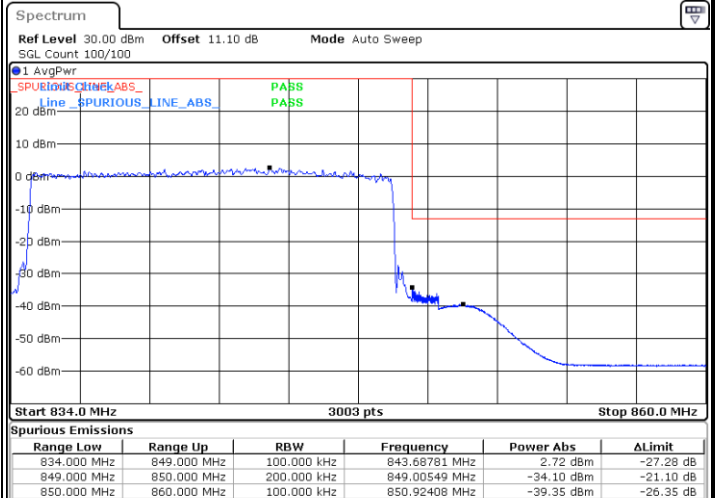
Date: 1.MAR.2022 10:36:25

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:29:22

Highest Band Edge / Full RB

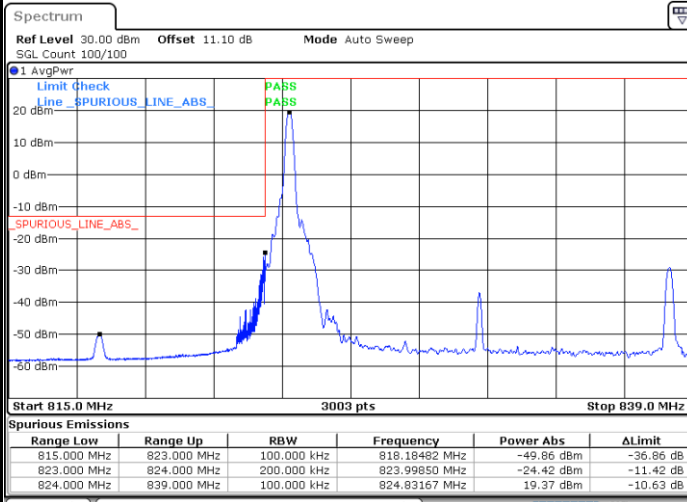


Date: 1.MAR.2022 10:39:05



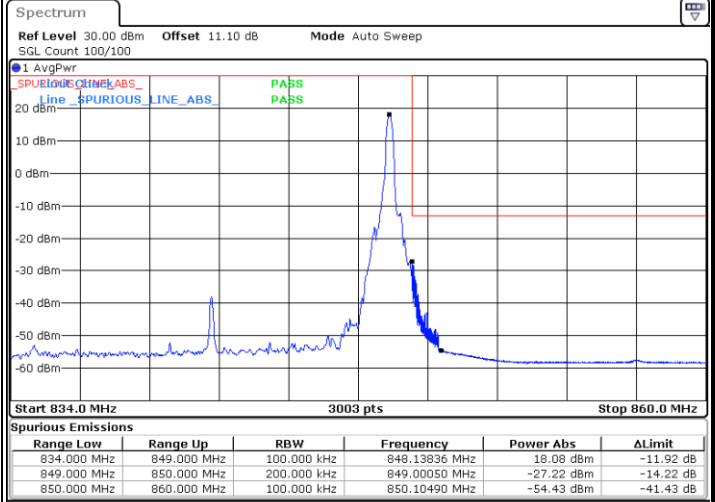
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



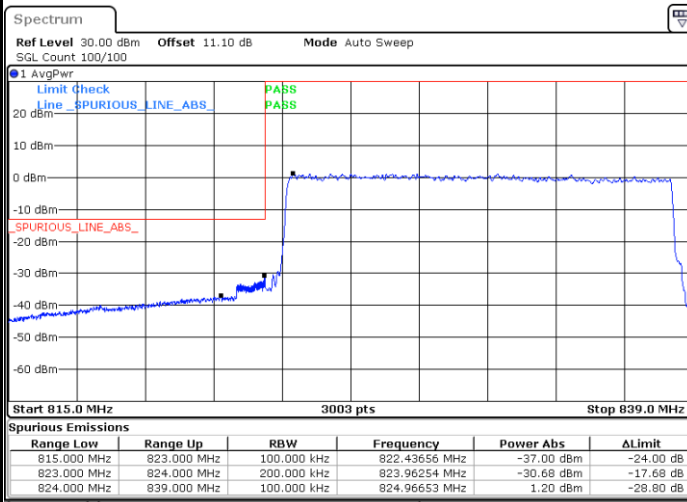
Date: 1.MAR.2022 10:31:08

Highest Band Edge / 1 RB



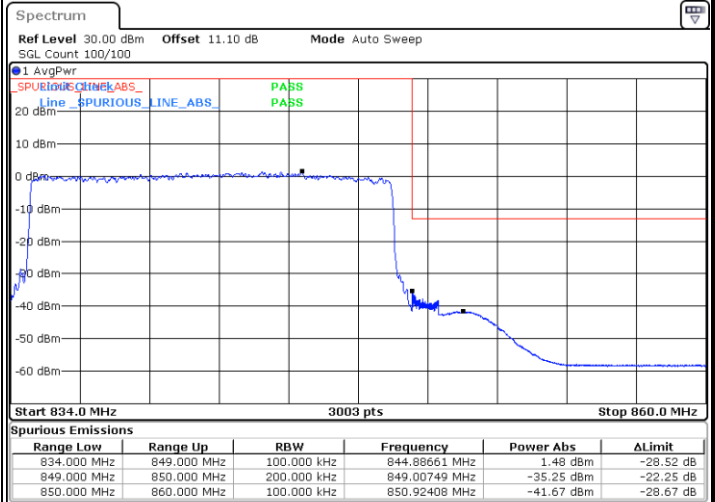
Date: 1.MAR.2022 10:37:18

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:30:15

Highest Band Edge / Full RB

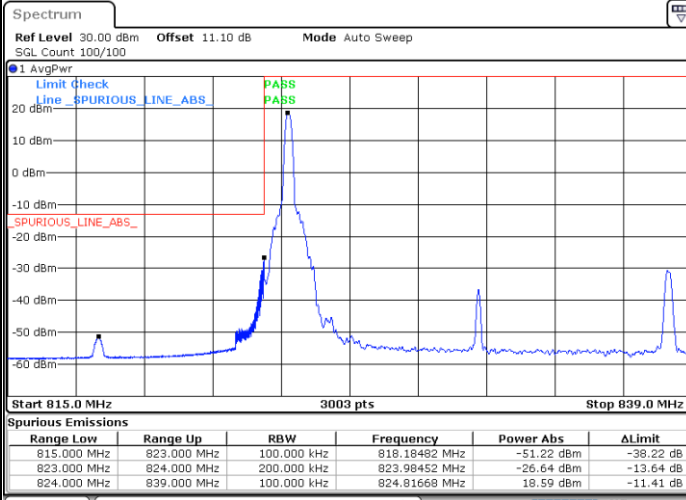


Date: 1.MAR.2022 10:38:11



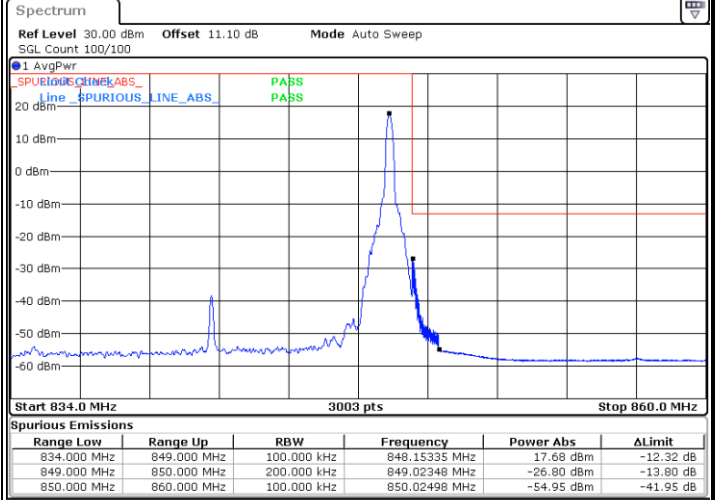
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



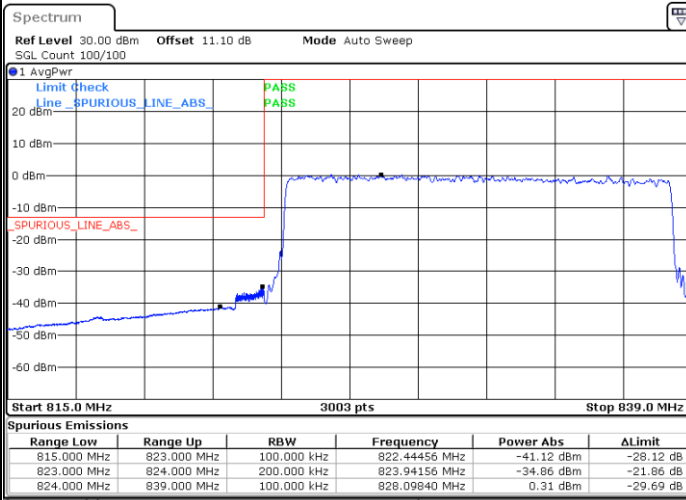
Date: 1.MAR.2022 10:25:53

Highest Band Edge / 1 RB



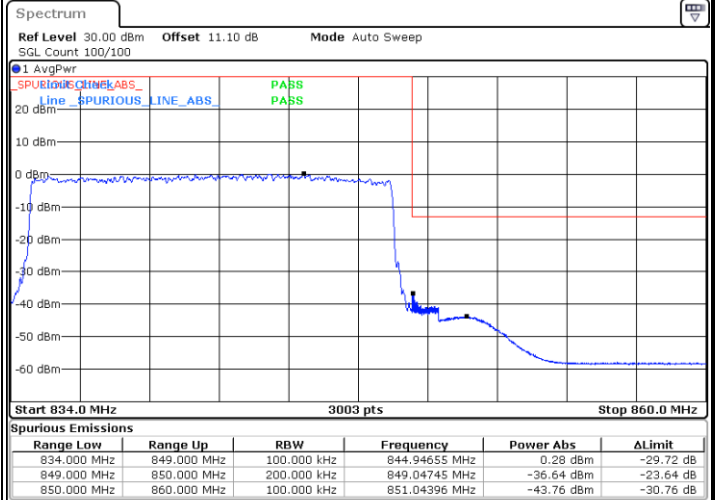
Date: 1.MAR.2022 10:27:34

Lowest Band Edge / Full RB



Date: 1.MAR.2022 10:25:00

Highest Band Edge / Full RB



Date: 1.MAR.2022 10:28:28



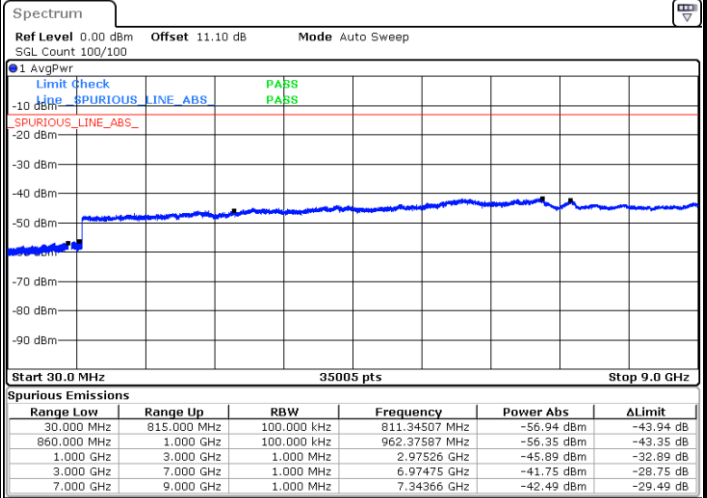
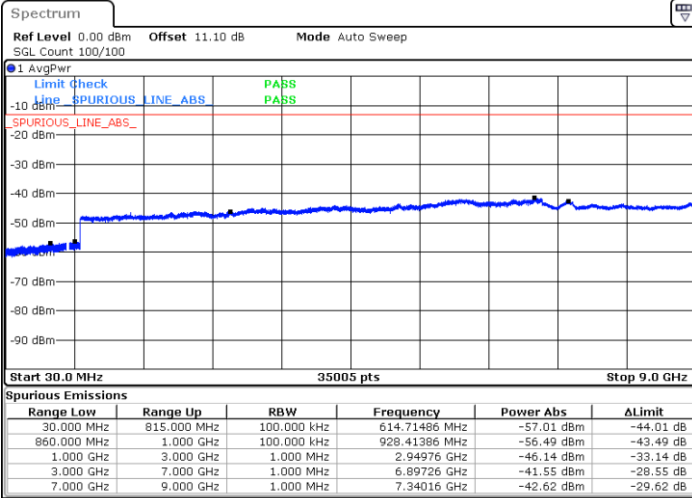


# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

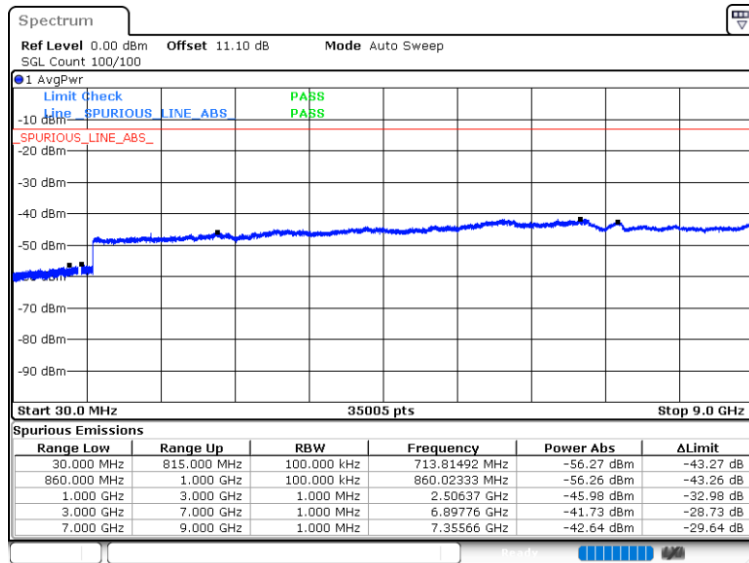
### Middle Channel / QPSK



Date: 1.MAR.2022 09:22:13

Date: 1.MAR.2022 09:24:48

### Highest Channel / QPSK



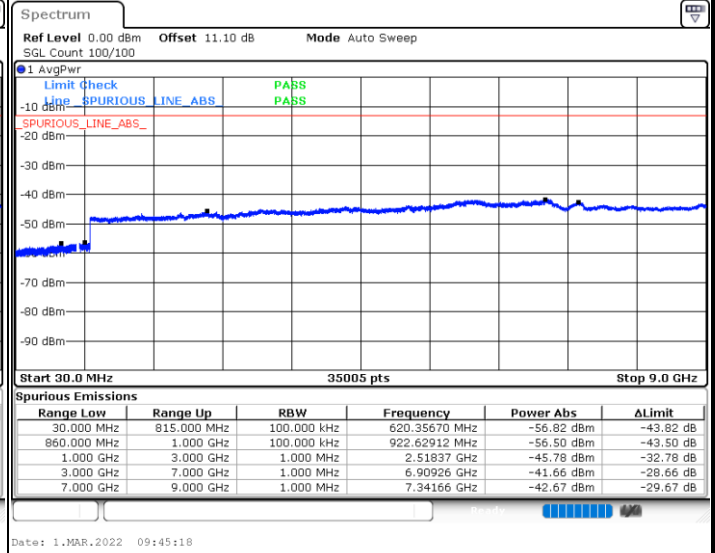
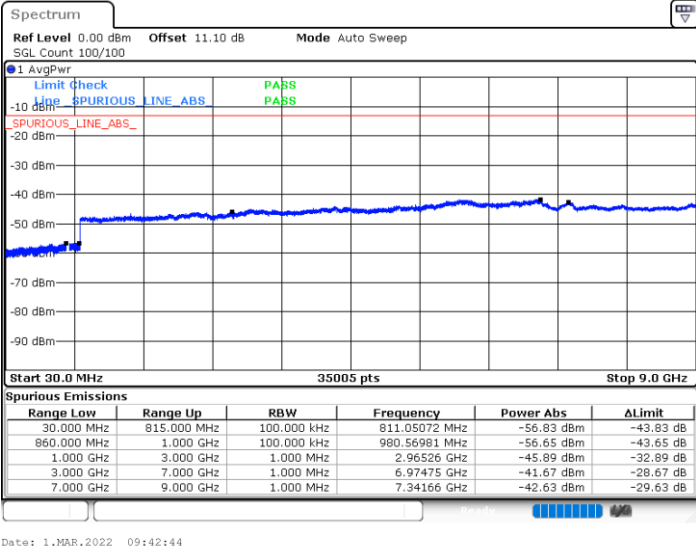
Date: 1.MAR.2022 09:29:23



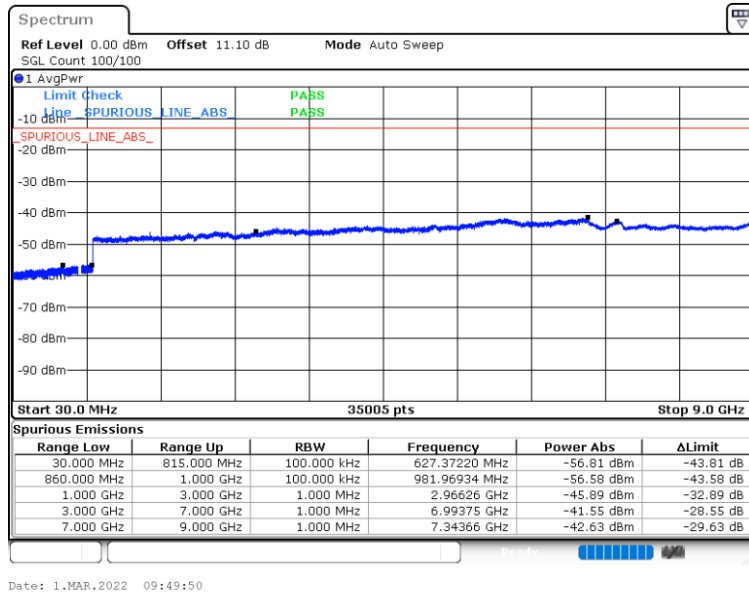
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

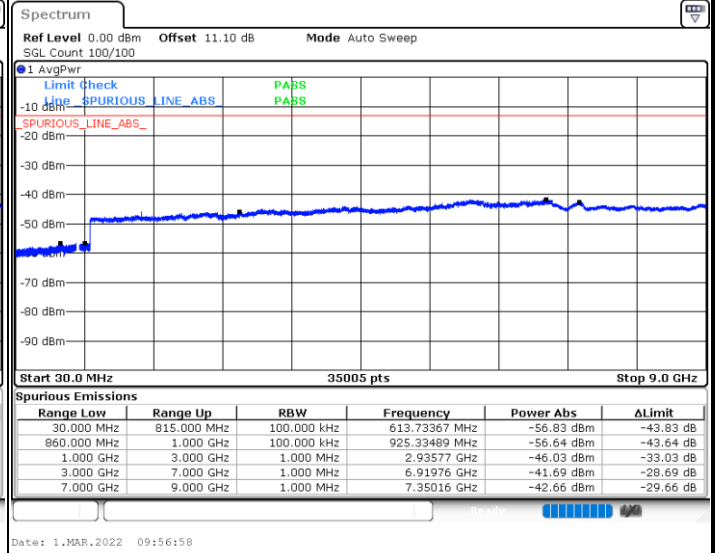
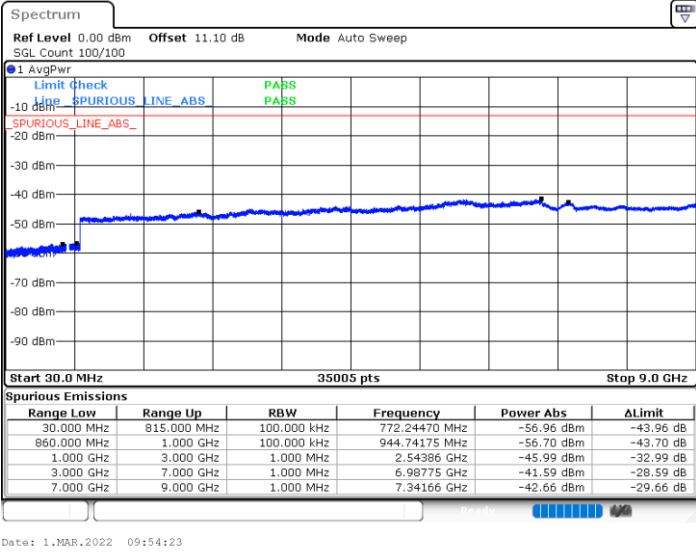




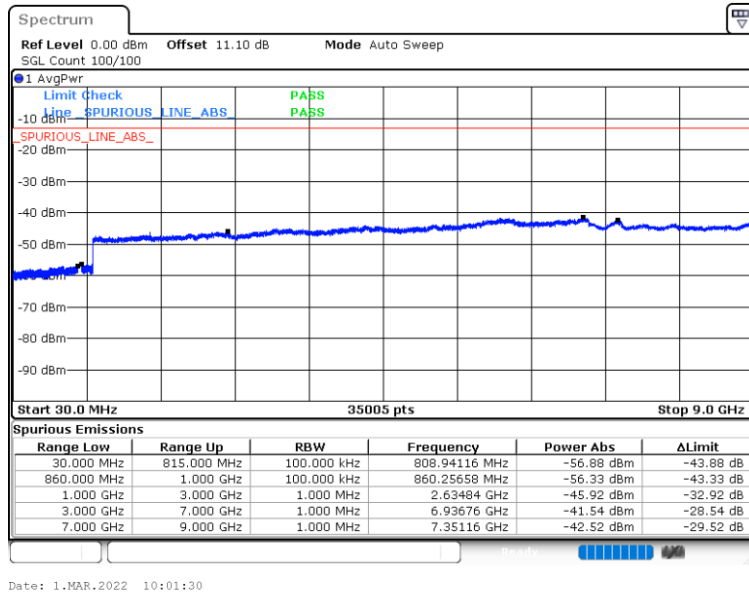
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

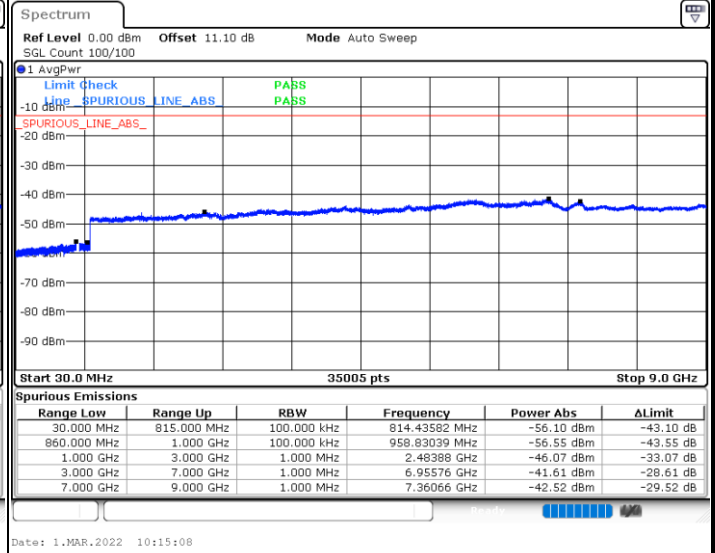
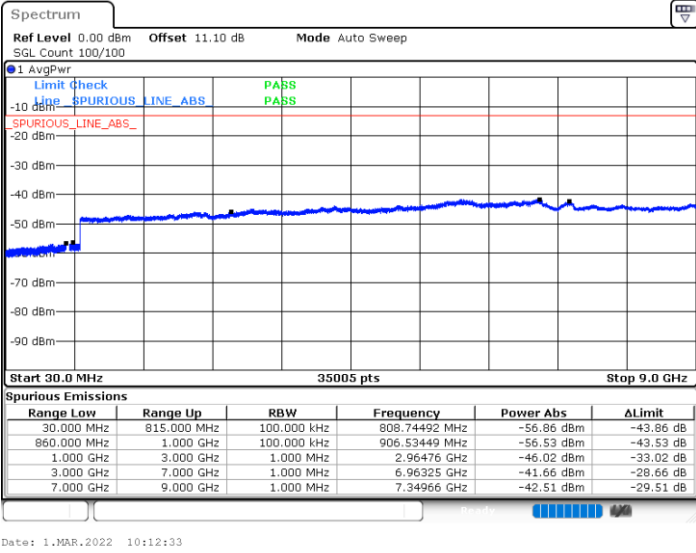




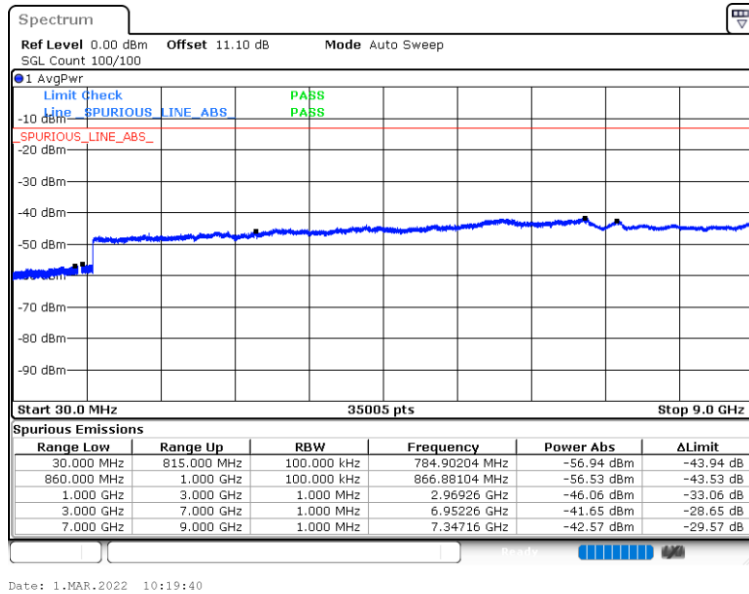
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

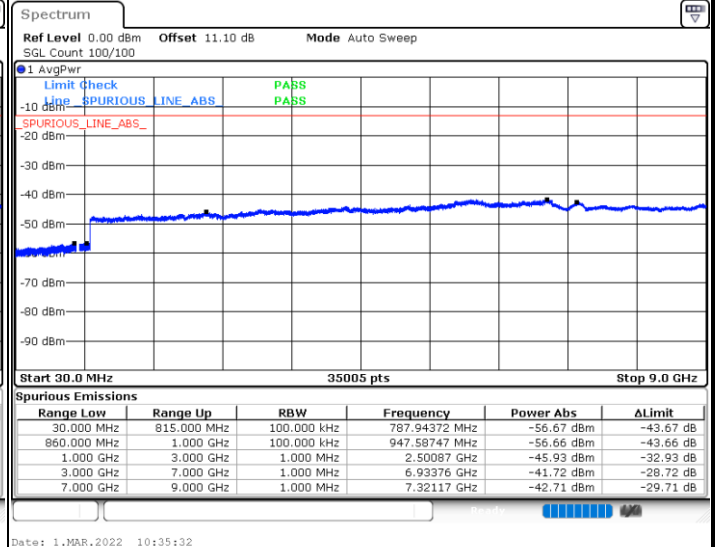
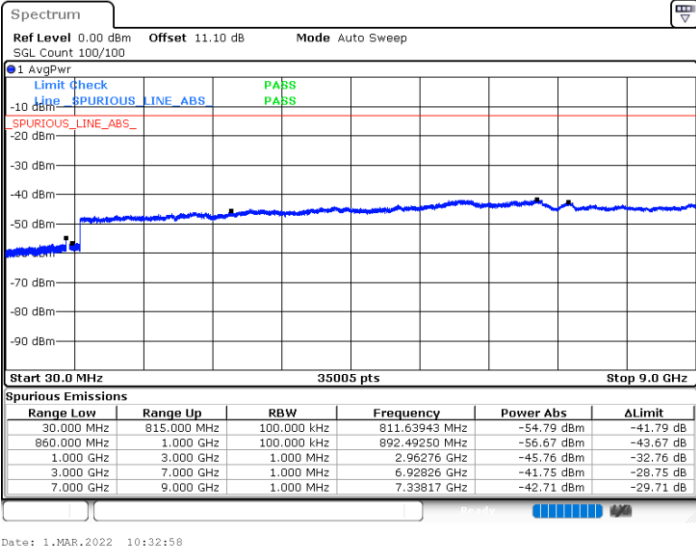




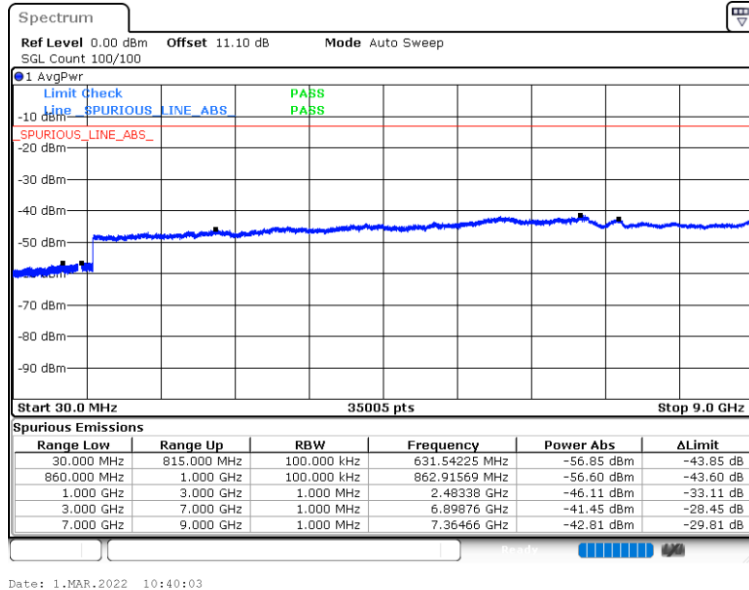
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0108	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0132	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0077	
-10	Normal Voltage	0.0159	
-20	Normal Voltage	0.0176	
-30	Normal Voltage	0.0104	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0093	
20	Battery End Point	0.0166	

**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 38

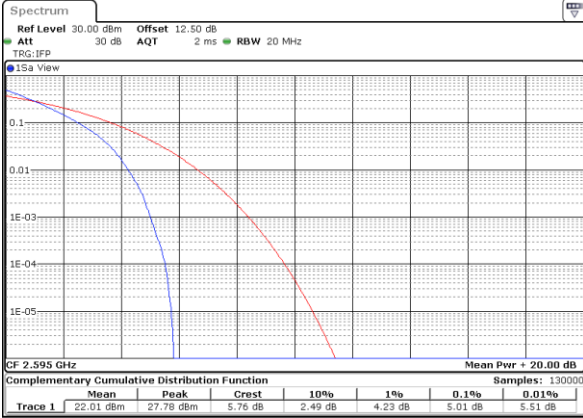
### Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.97	6.35	-	PASS



LTE Band 38 / 20MHz / QPSK

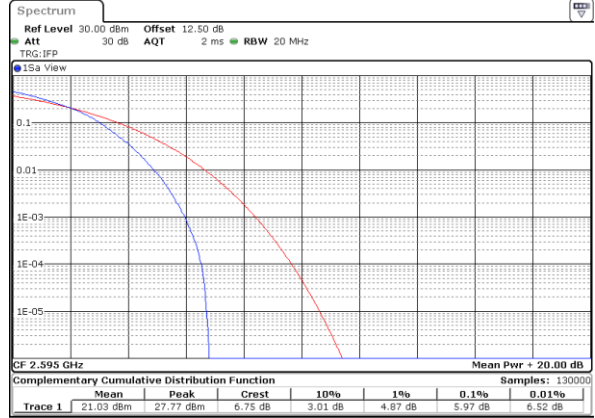
Middle Channel / Full RB



Date: 2.MAR.2022 03:45:02

LTE Band 38 / 20MHz / 16QAM

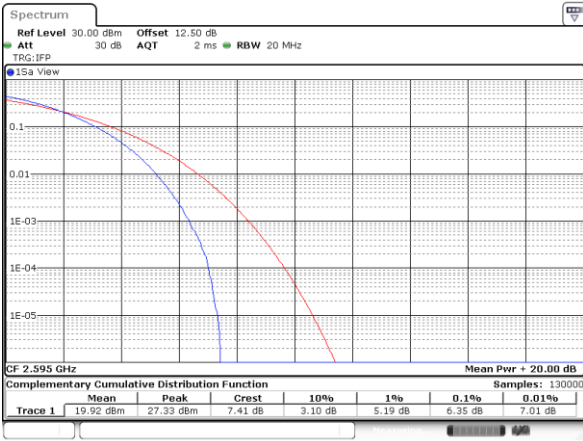
Middle Channel / Full RB



Date: 2.MAR.2022 03:44:37

LTE Band 38 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 2.MAR.2022 03:44:12





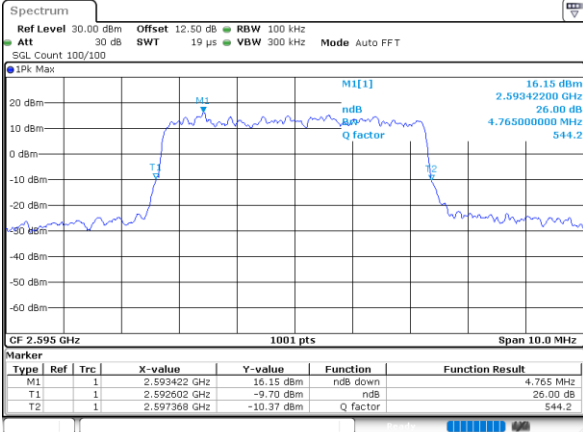
**26dB Bandwidth**

Mode	LTE Band 38 : 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	-	-	-	-	4.77	4.82	9.75	9.87	14.21	14.57	18.86	18.66
Mode	LTE Band 38 : 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	-	-	-	-	4.99	-	9.57	-	14.39	-	18.98	-



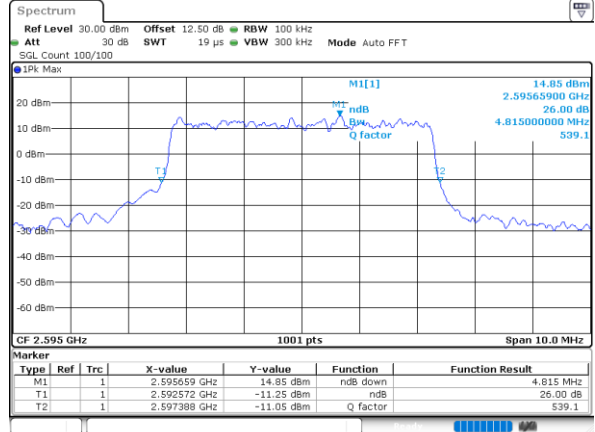
LTE Band 38

Middle Channel / 5MHz / QPSK



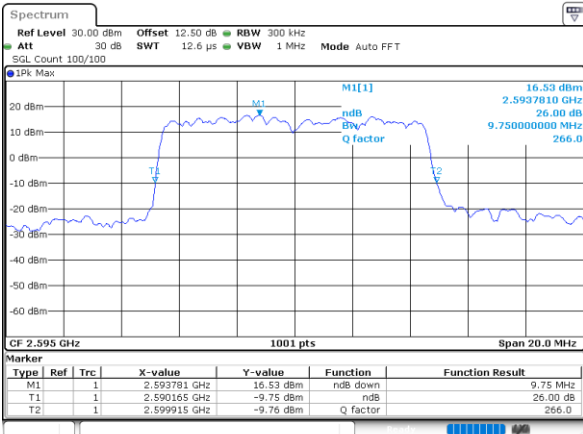
Date: 2,MAR,2022 03:35:24

Middle Channel / 5MHz / 16QAM



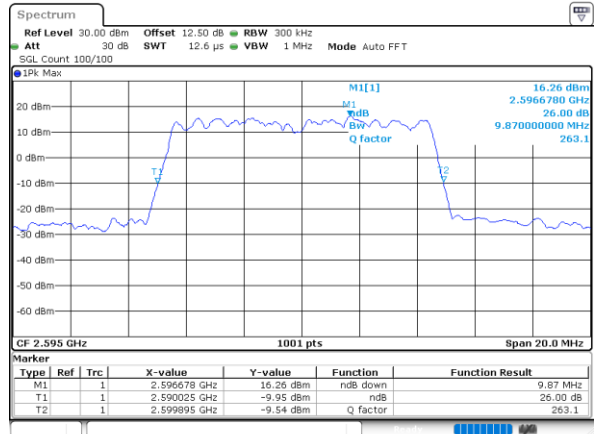
Date: 2,MAR,2022 03:35:47

Middle Channel / 10MHz / QPSK



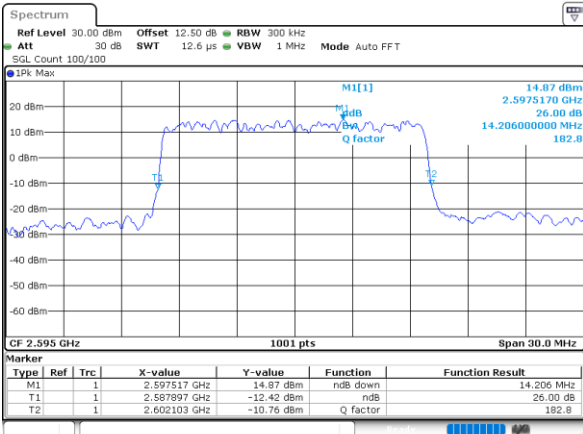
Date: 2,MAR,2022 03:36:59

Middle Channel / 10MHz / 16QAM



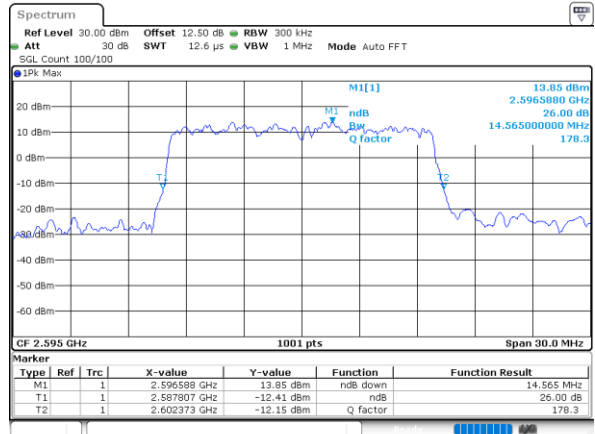
Date: 2,MAR,2022 03:37:22

Middle Channel / 15MHz / QPSK



Date: 2,MAR,2022 03:38:35

Middle Channel / 15MHz / 16QAM

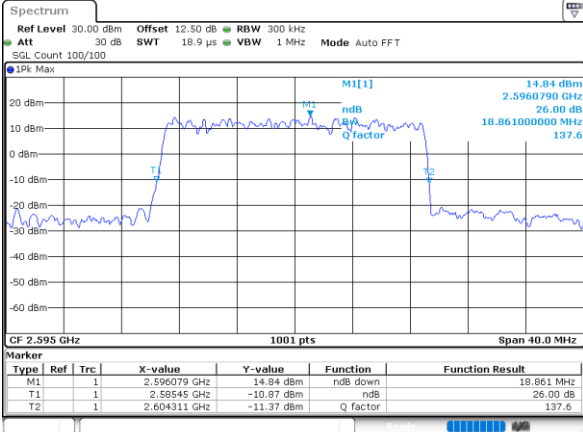


Date: 2,MAR,2022 03:38:58



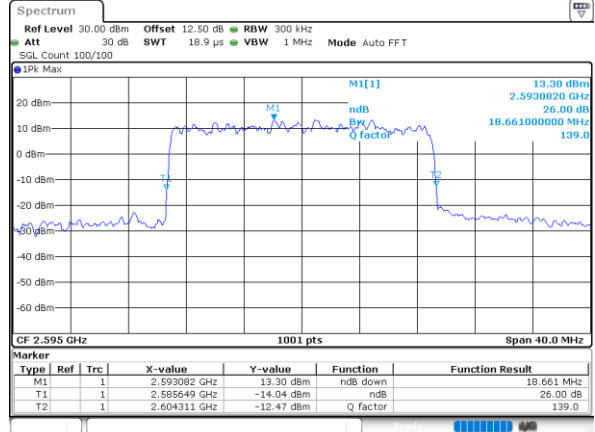
LTE Band 38

Middle Channel / 20MHz / QPSK



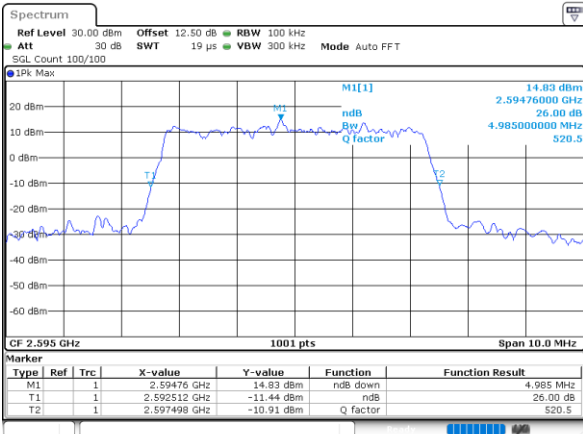
Date: 2,MAR,2022 03:40:10

Middle Channel / 20MHz / 16QAM



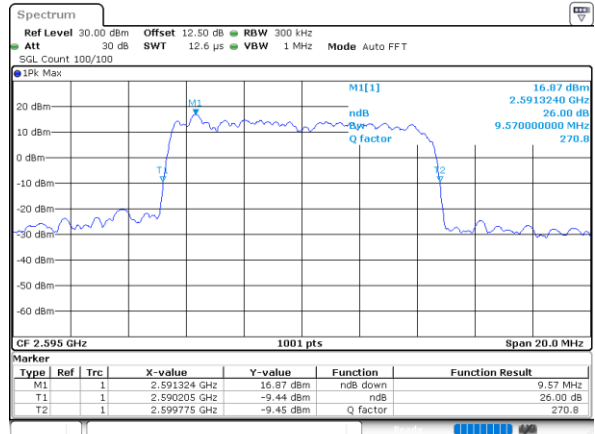
Date: 2,MAR,2022 03:40:34

Middle Channel / 5MHz / 64QAM



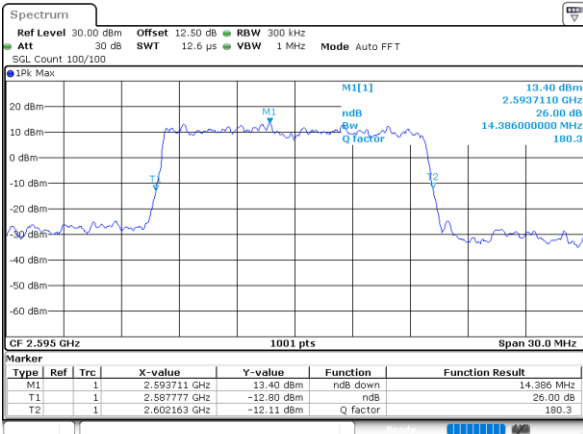
Date: 2,MAR,2022 03:41:23

Middle Channel / 10MHz / 64QAM



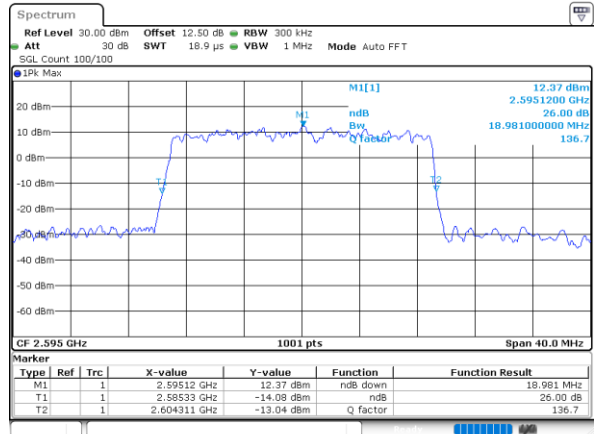
Date: 2,MAR,2022 03:42:11

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 03:42:59

Middle Channel / 20MHz / 64QAM



Date: 2,MAR,2022 03:43:48



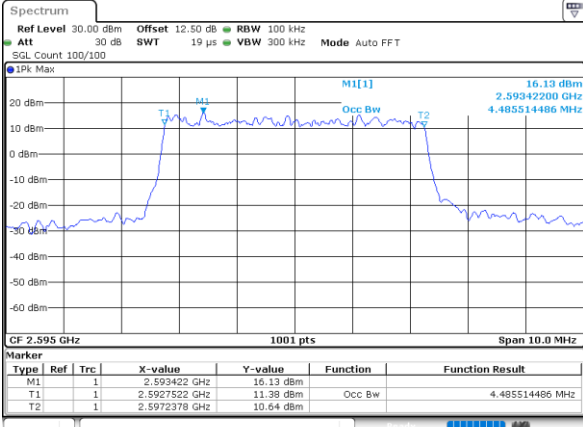
**Occupied Bandwidth**

Mode	LTE Band 38 : 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	-	-	-	-	4.49	4.48	9.05	9.05	13.58	13.52	17.94	17.78
Mode	LTE Band 38 : 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	-	-	-	-	4.46	-	9.05	-	13.46	-	17.86	-



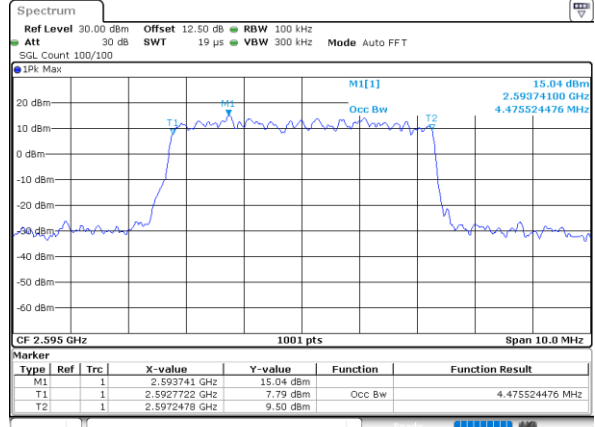
LTE Band 38

Middle Channel / 5MHz / QPSK



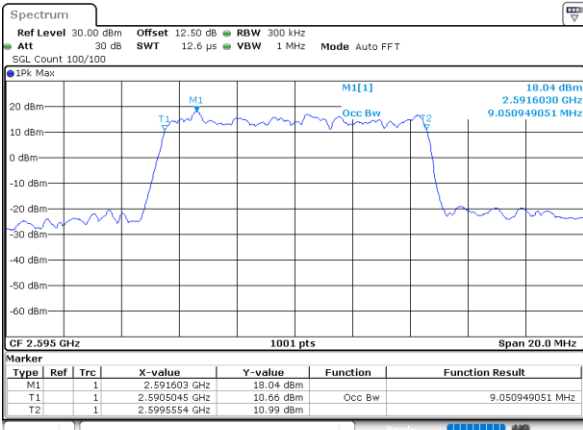
Date: 2,MAR,2022 03:34:37

Middle Channel / 5MHz / 16QAM



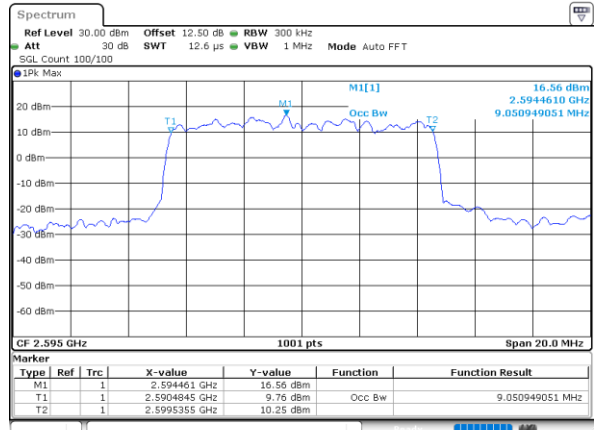
Date: 2,MAR,2022 03:35:00

Middle Channel / 10MHz / QPSK



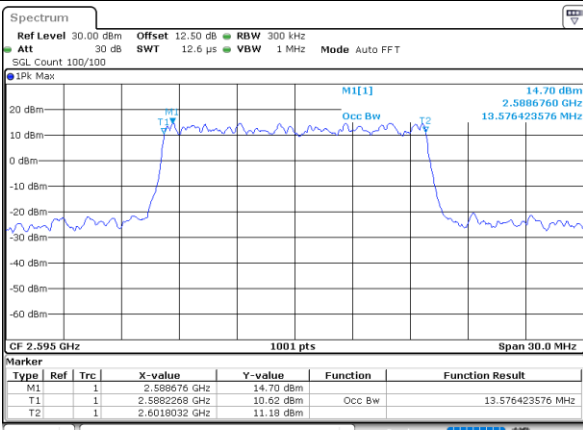
Date: 2,MAR,2022 03:36:12

Middle Channel / 10MHz / 16QAM



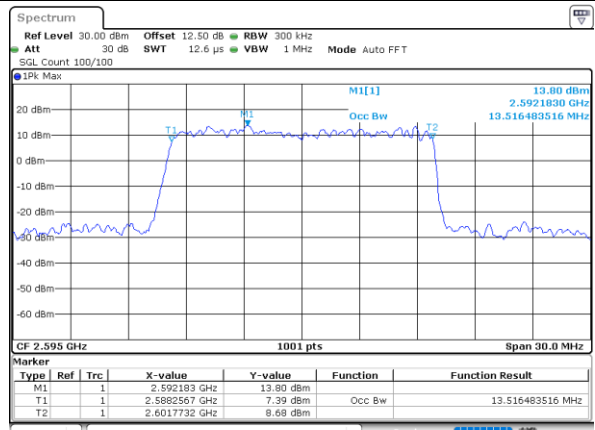
Date: 2,MAR,2022 03:36:36

Middle Channel / 15MHz / QPSK



Date: 2,MAR,2022 03:37:48

Middle Channel / 15MHz / 16QAM

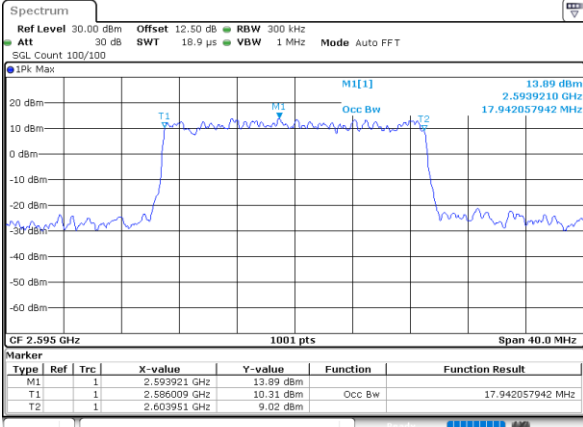


Date: 2,MAR,2022 03:38:11



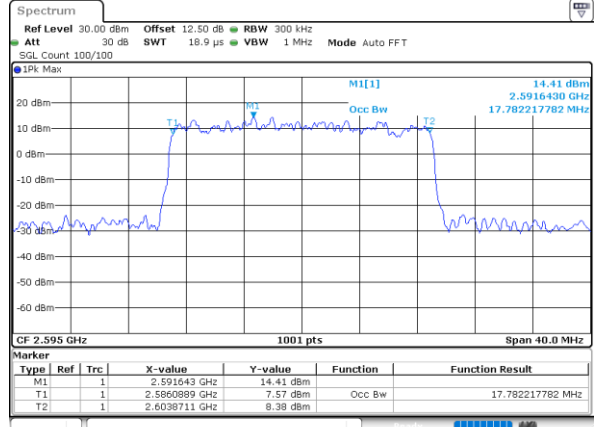
LTE Band 38

Middle Channel / 20MHz / QPSK



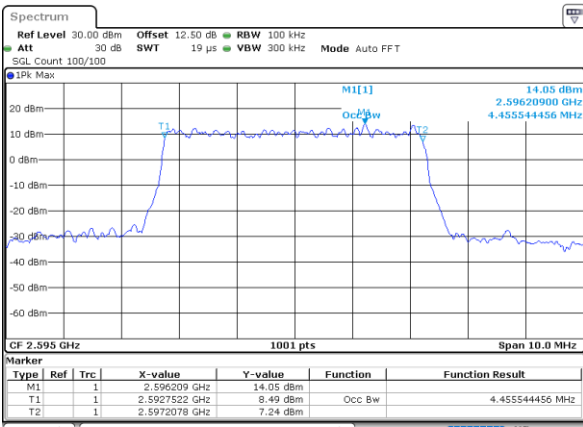
Date: 2,MAR,2022 03:39:24

Middle Channel / 20MHz / 16QAM



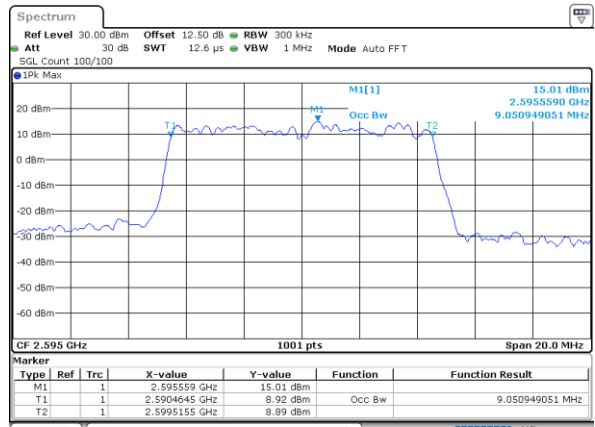
Date: 2,MAR,2022 03:39:47

Middle Channel / 5MHz / 64QAM



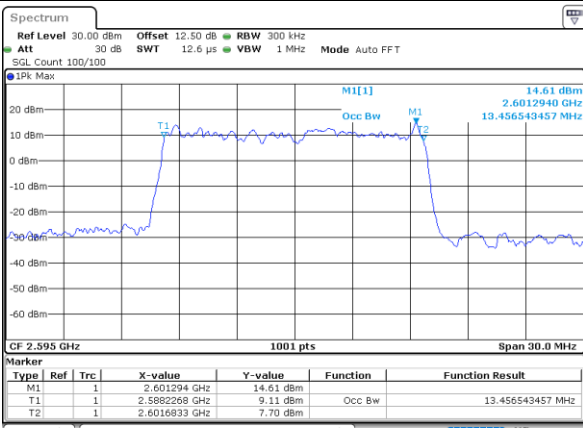
Date: 2,MAR,2022 03:40:59

Middle Channel / 10MHz / 64QAM



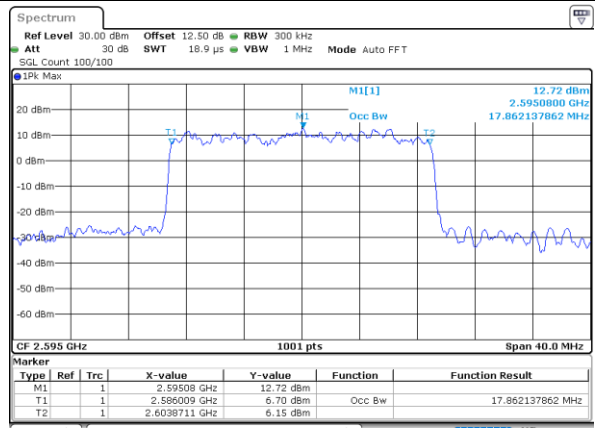
Date: 2,MAR,2022 03:41:48

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 03:42:36

Middle Channel / 20MHz / 64QAM



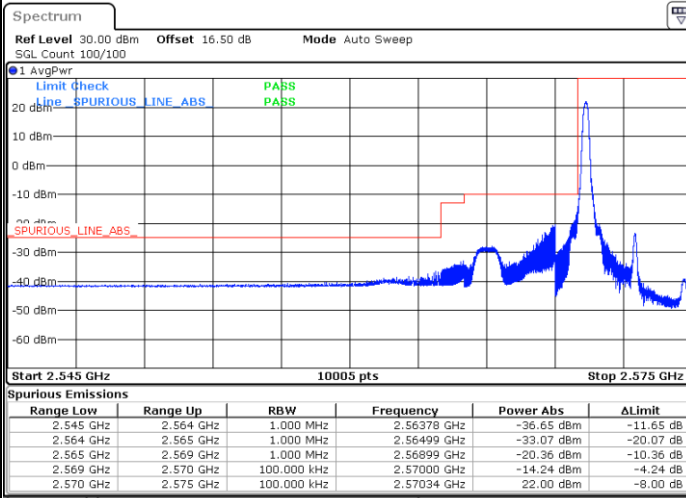
Date: 2,MAR,2022 03:43:24



# Conducted Band Edge

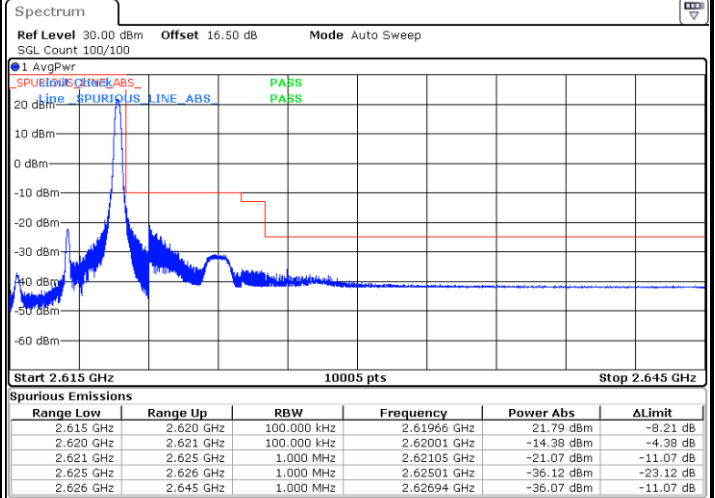
## LTE Band 38 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



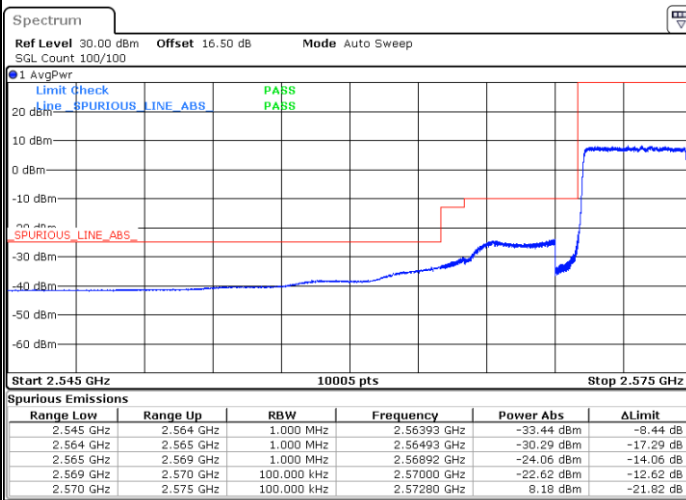
Date: 2.MAR.2022 03:30:33

### Highest Band Edge / 1 RB



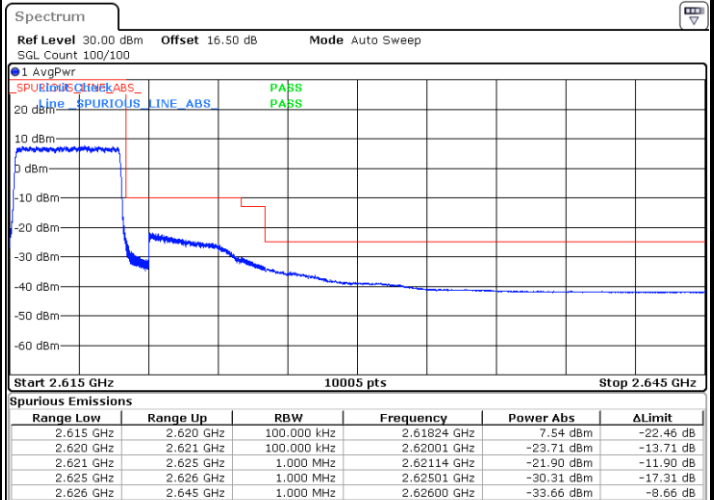
Date: 2.MAR.2022 02:32:38

### Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:29:02

### Highest Band Edge / Full RB

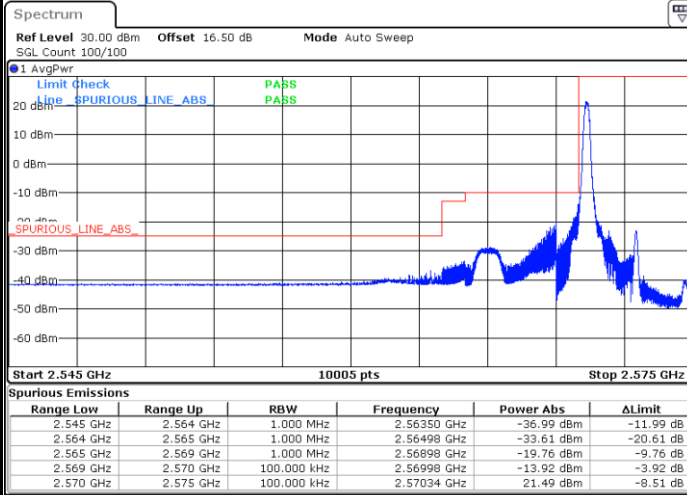


Date: 2.MAR.2022 02:30:50



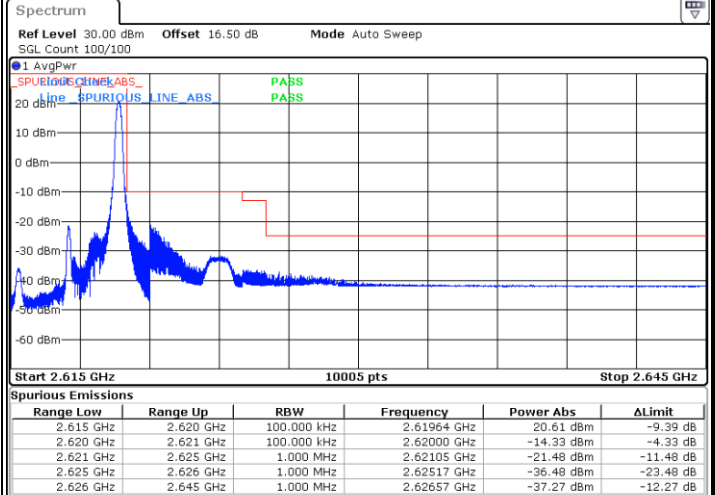
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



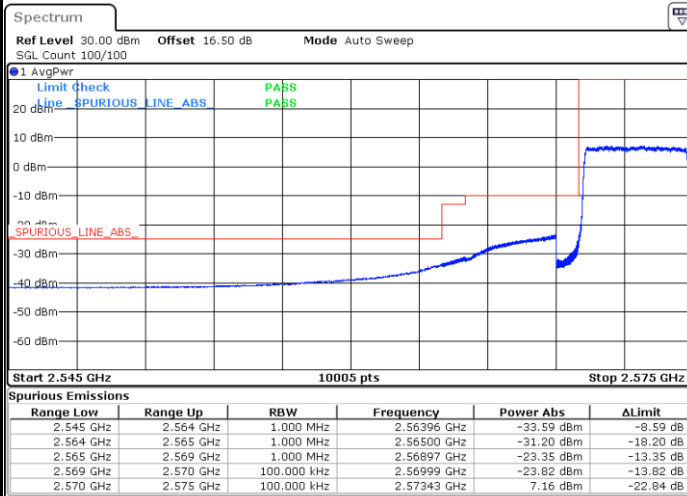
Date: 2.MAR.2022 03:28:05

Highest Band Edge / 1 RB



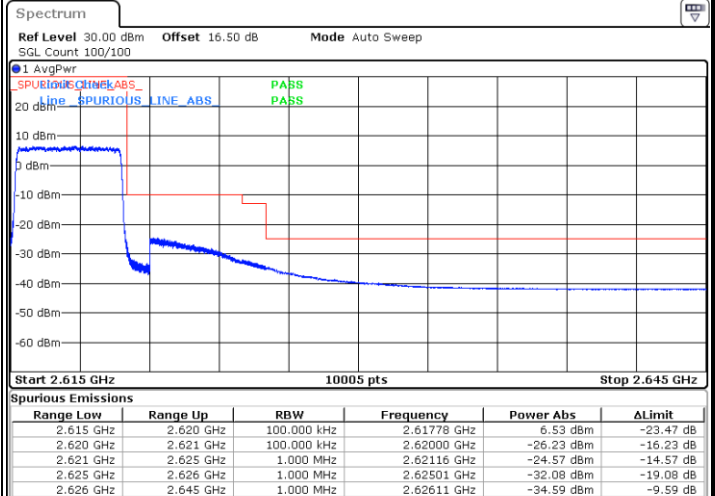
Date: 2.MAR.2022 02:33:32

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:29:56

Highest Band Edge / Full RB



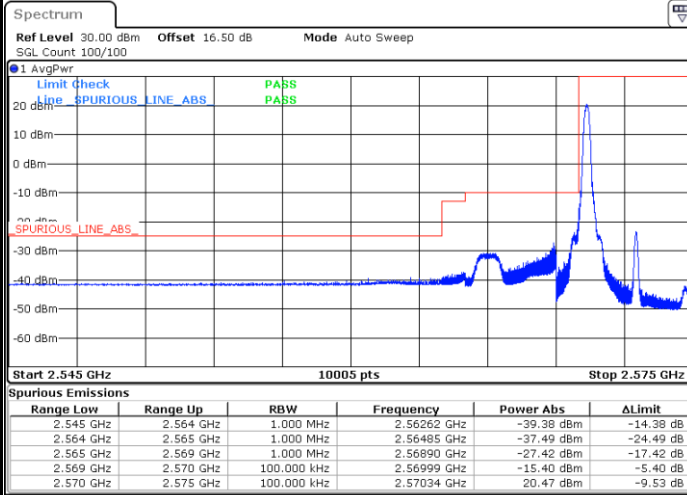
Date: 2.MAR.2022 02:31:44





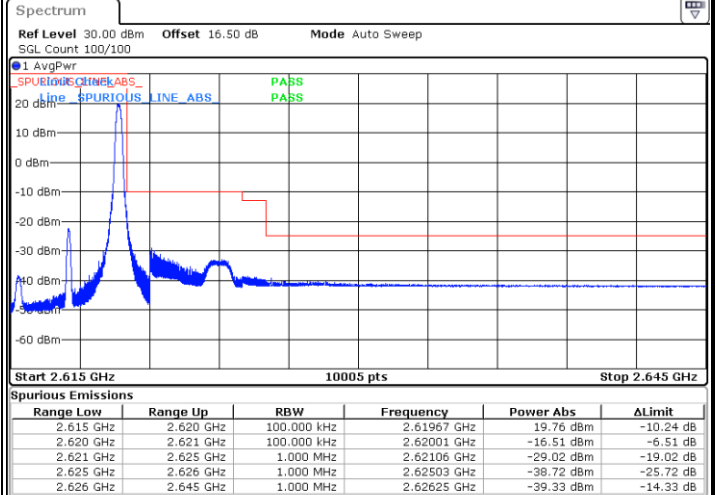
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



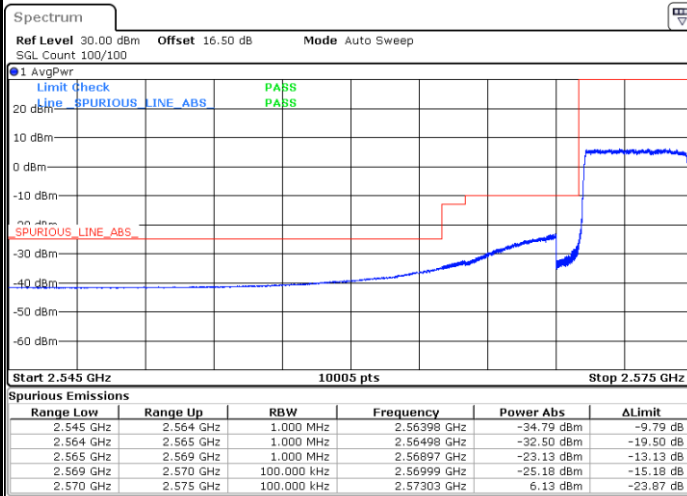
Date: 2.MAR.2022 02:34:25

Highest Band Edge / 1 RB



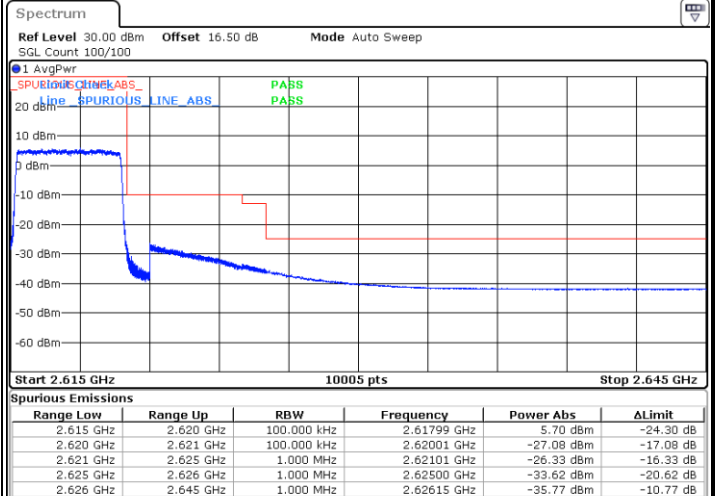
Date: 2.MAR.2022 02:37:07

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:35:19

Highest Band Edge / Full RB

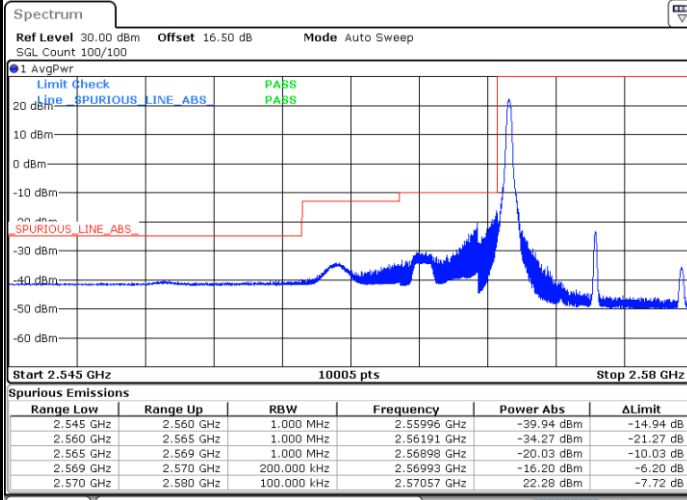


Date: 2.MAR.2022 02:36:13



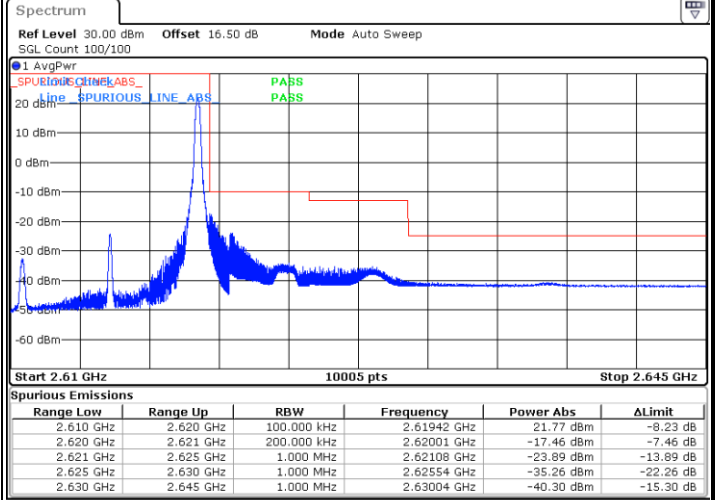
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



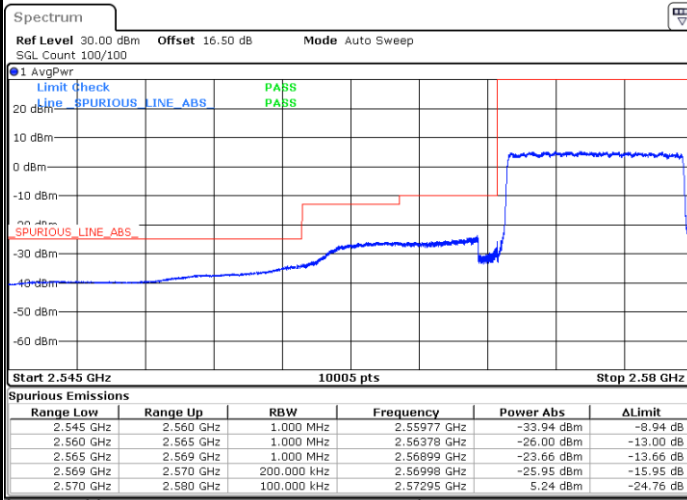
Date: 2.MAR.2022 02:41:38

Highest Band Edge / 1 RB



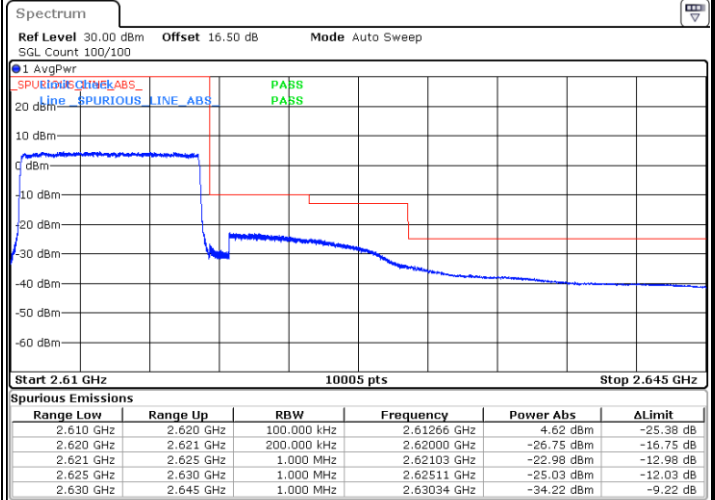
Date: 2.MAR.2022 02:47:03

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:43:26

Highest Band Edge / Full RB

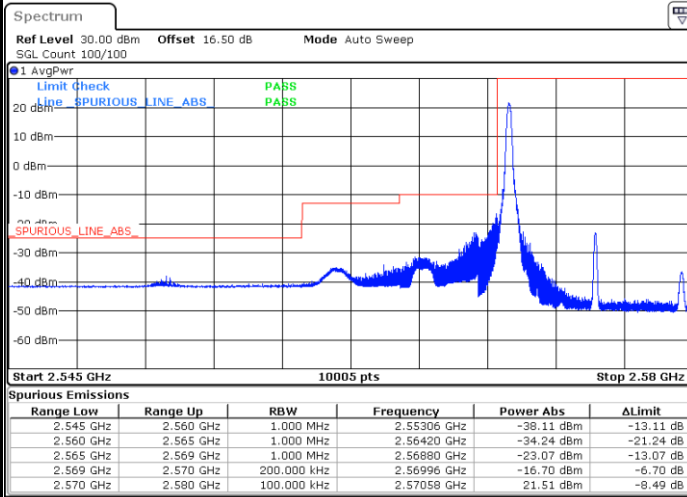


Date: 2.MAR.2022 02:45:14



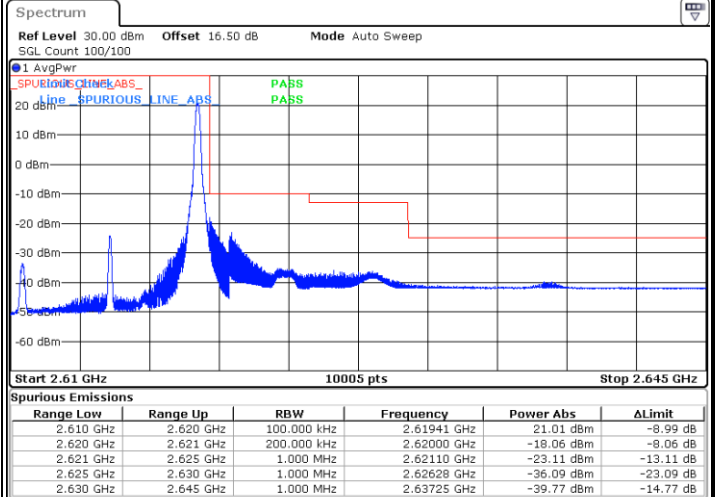
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



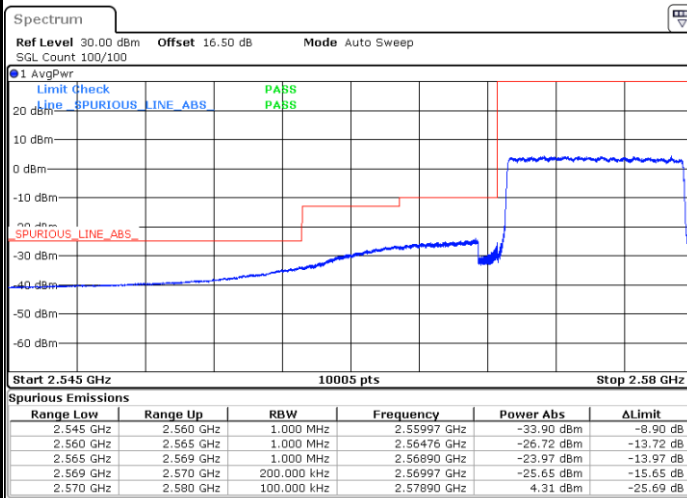
Date: 2.MAR.2022 02:42:32

Highest Band Edge / 1 RB



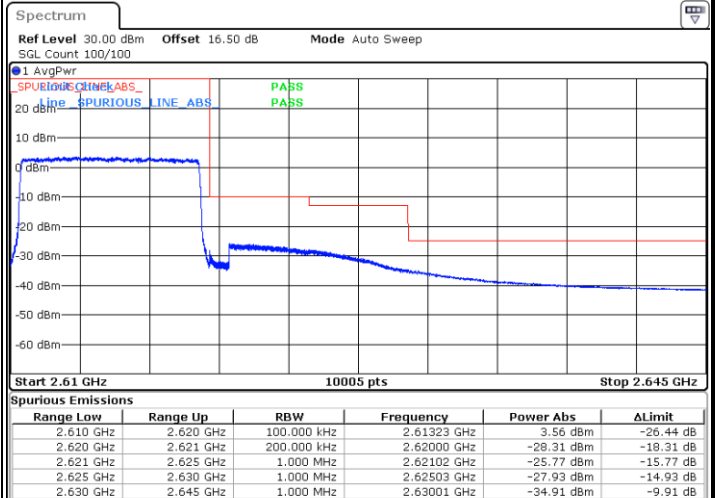
Date: 2.MAR.2022 02:47:57

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:44:19

Highest Band Edge / Full RB

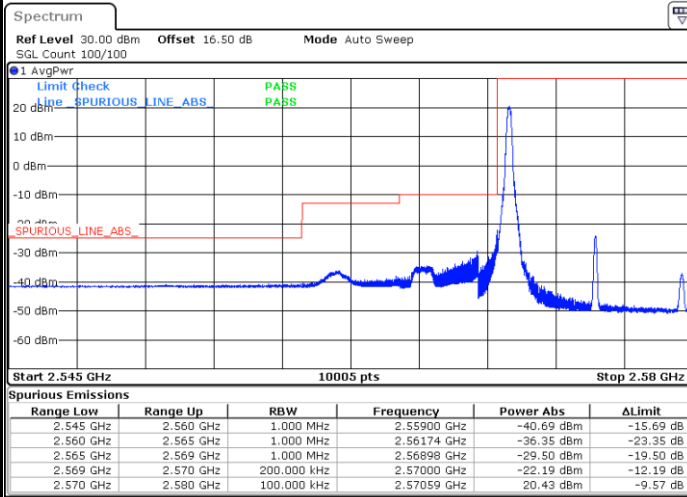


Date: 2.MAR.2022 02:46:08



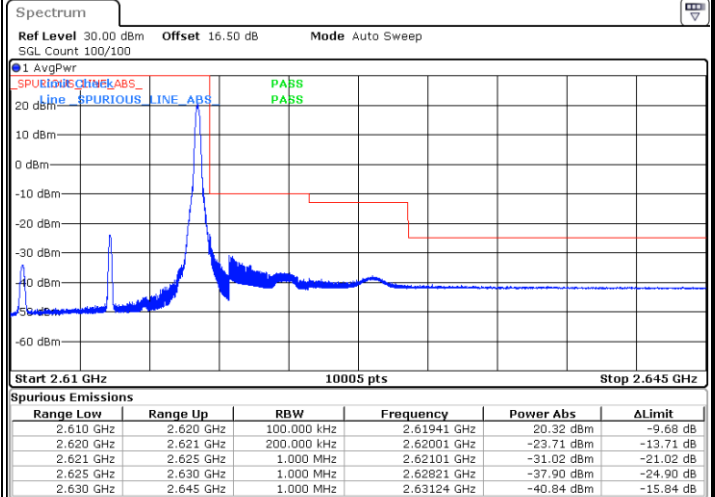
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



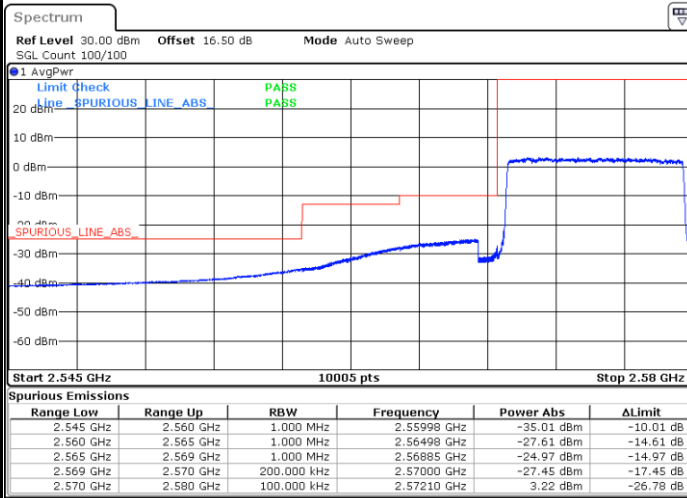
Date: 2.MAR.2022 02:38:02

Highest Band Edge / 1 RB



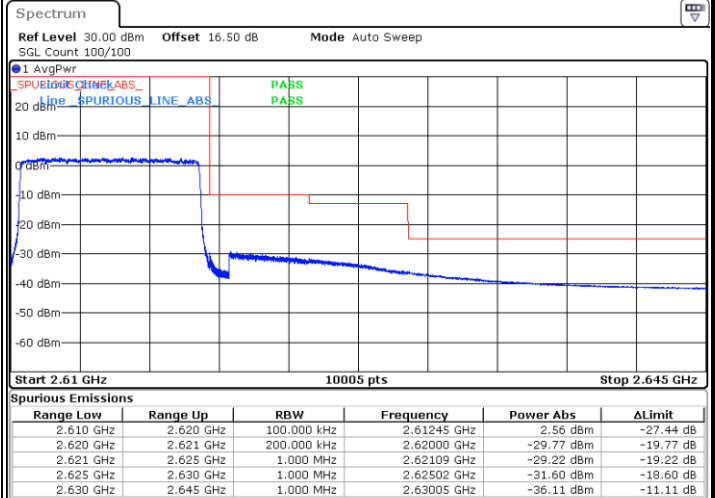
Date: 2.MAR.2022 02:40:44

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:38:56

Highest Band Edge / Full RB

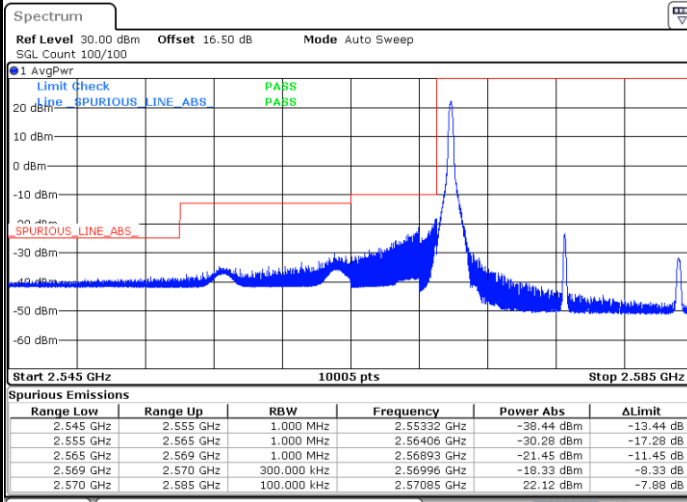


Date: 2.MAR.2022 02:39:50



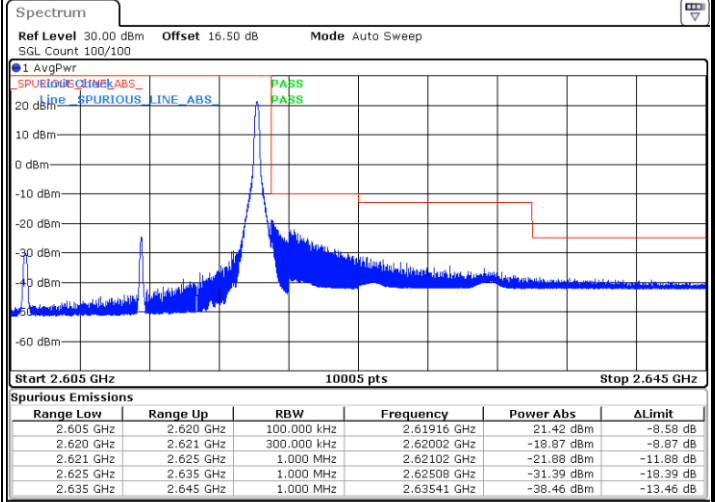
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



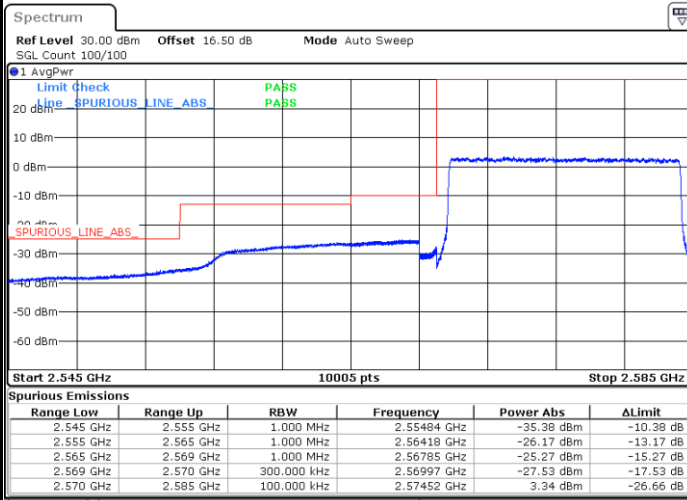
Date: 2.MAR.2022 02:48:53

Highest Band Edge / 1 RB



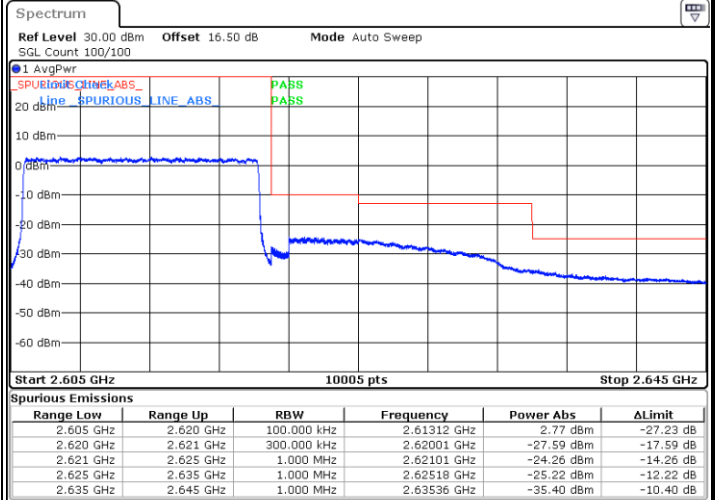
Date: 2.MAR.2022 02:54:19

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:50:41

Highest Band Edge / Full RB

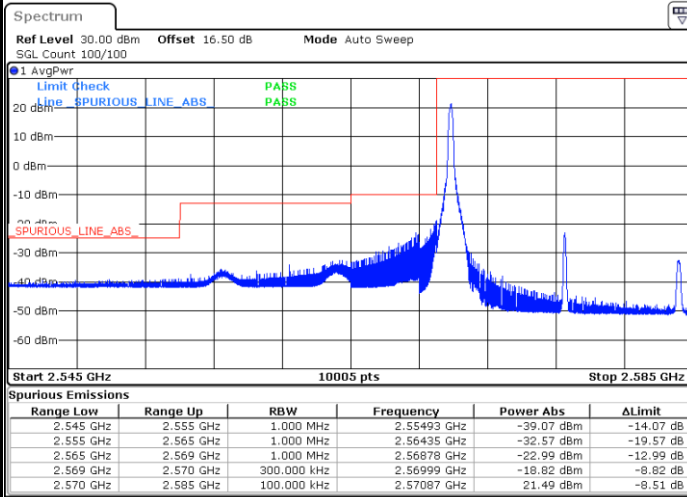


Date: 2.MAR.2022 02:52:29



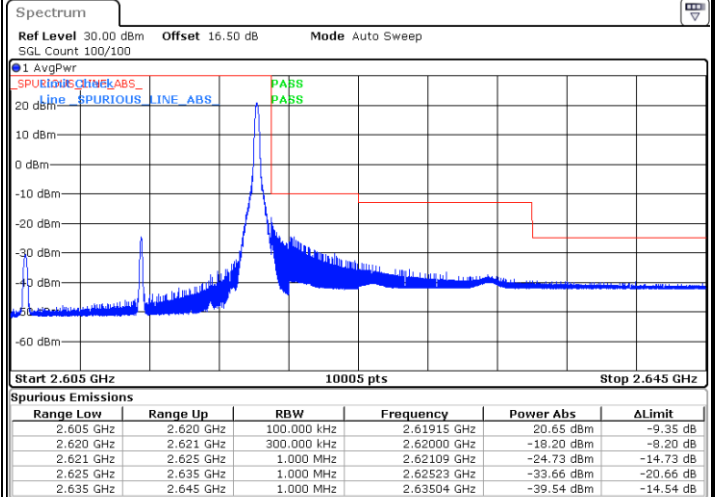
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



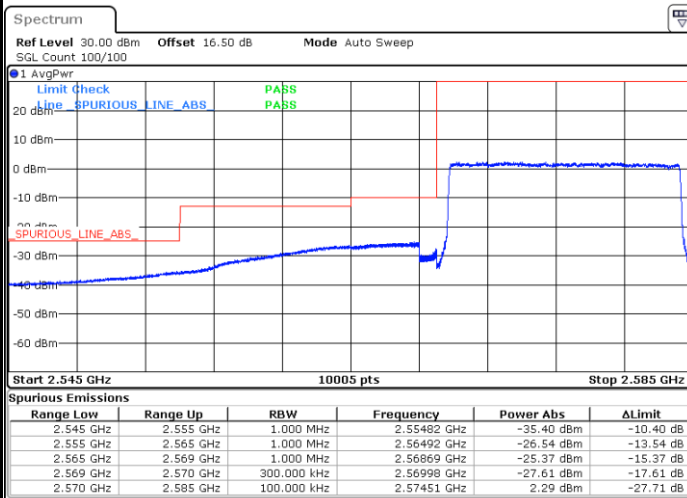
Date: 2.MAR.2022 02:49:46

Highest Band Edge / 1 RB



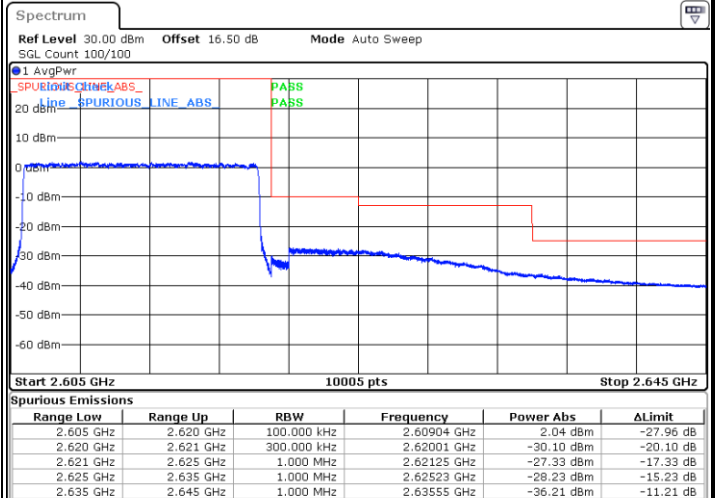
Date: 2.MAR.2022 02:55:13

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:51:34

Highest Band Edge / Full RB



Date: 2.MAR.2022 02:53:24