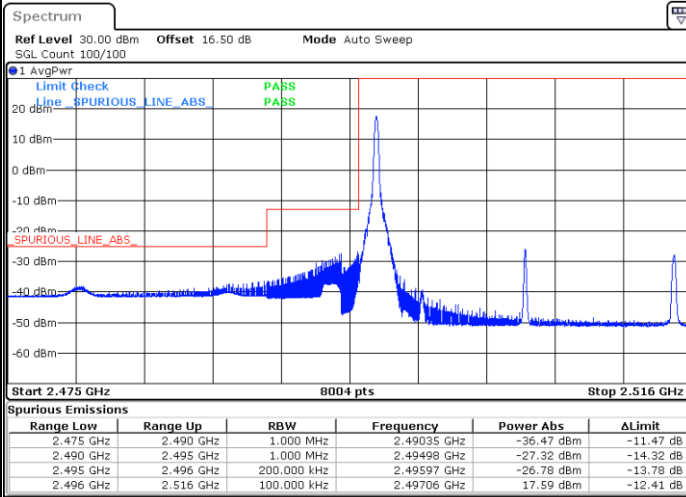




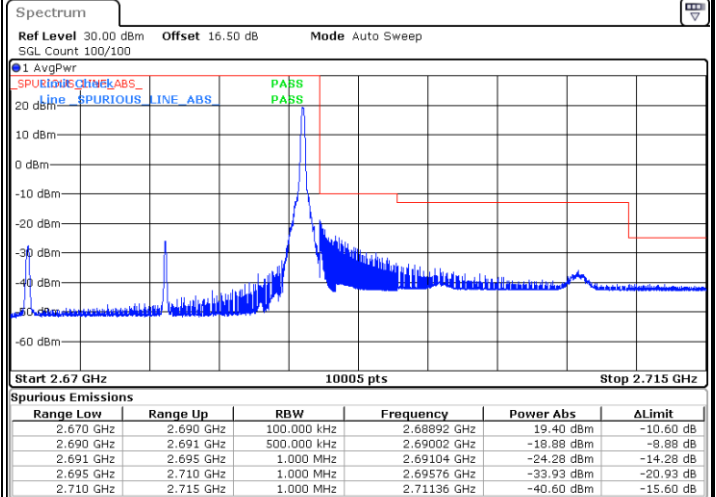
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



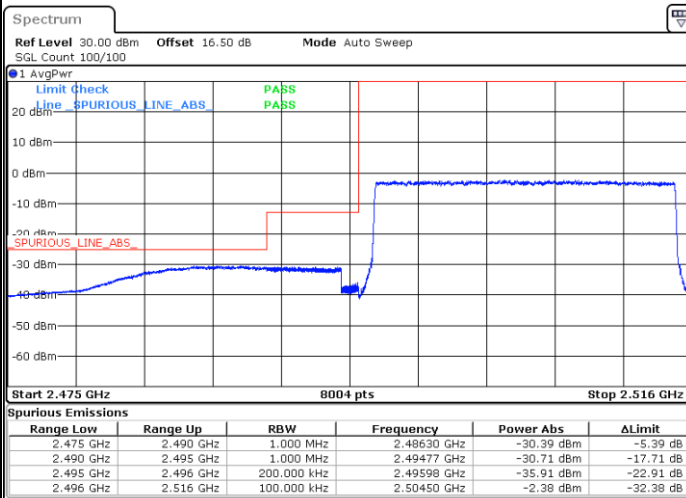
Date: 8.MAR.2022 15:46:14

Highest Band Edge / 1 RB



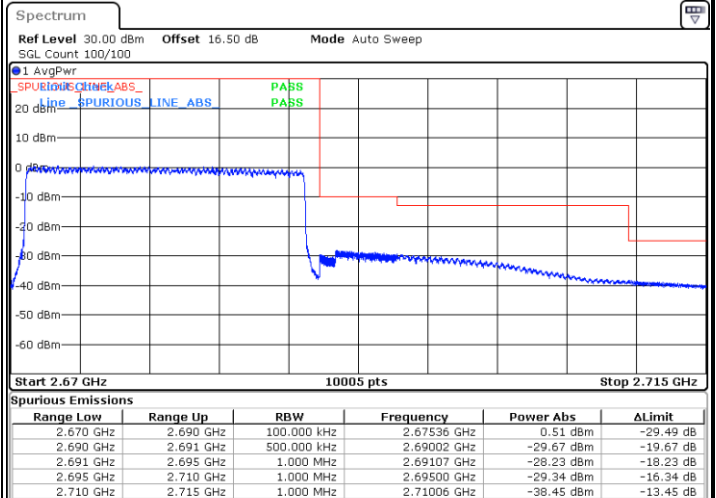
Date: 8.MAR.2022 15:48:01

Lowest Band Edge / Full RB



Date: 8.MAR.2022 15:47:07

Highest Band Edge / Full RB



Date: 8.MAR.2022 15:48:54

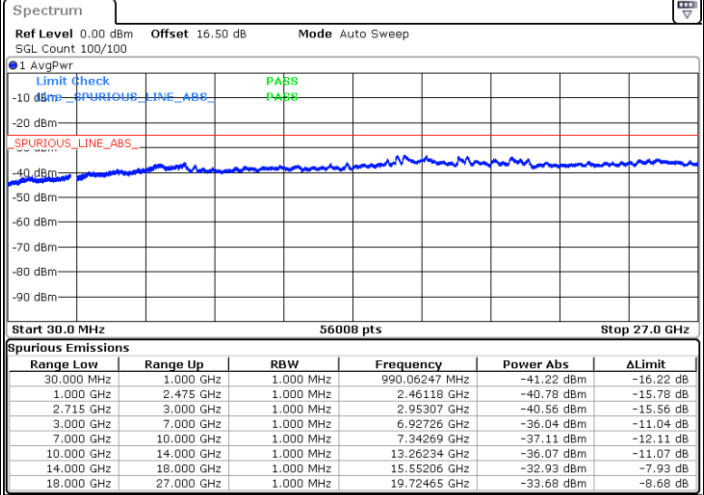
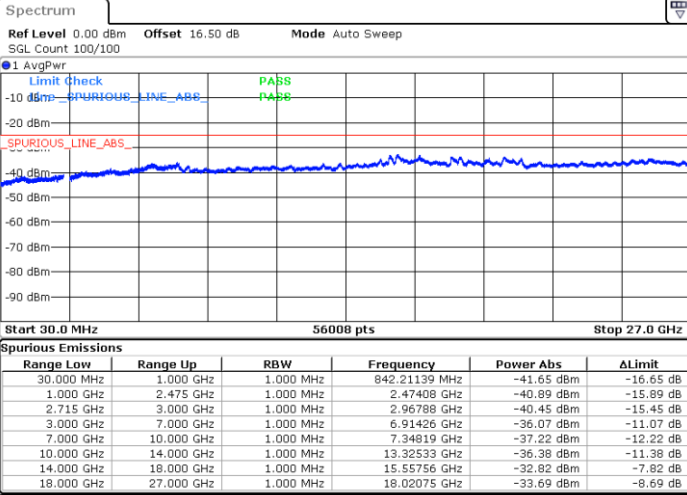


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

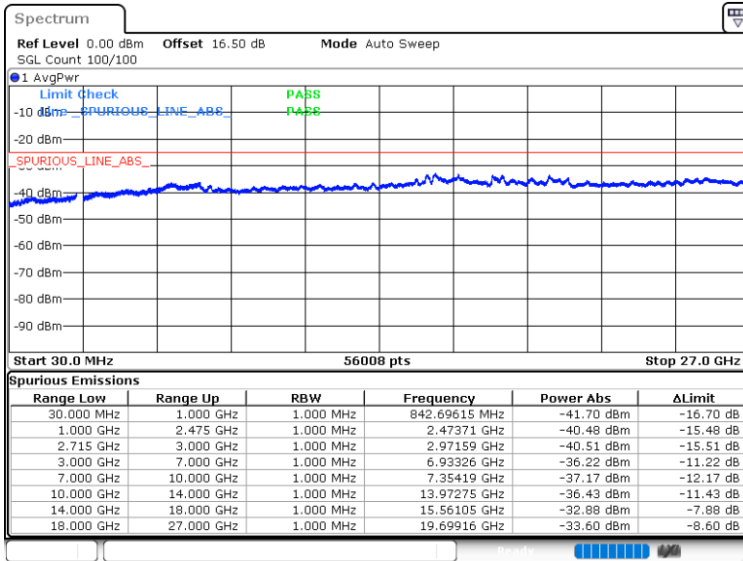
### Middle Channel / QPSK



Date: 8.MAR.2022 15:49:59

Date: 8.MAR.2022 15:51:02

### Highest Channel / QPSK



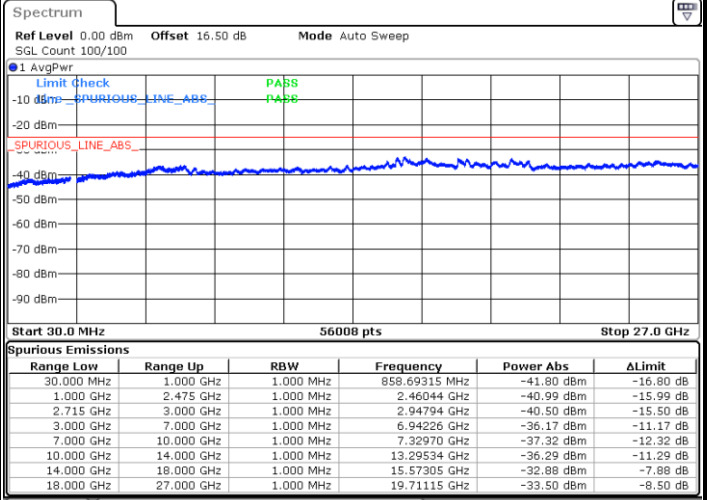
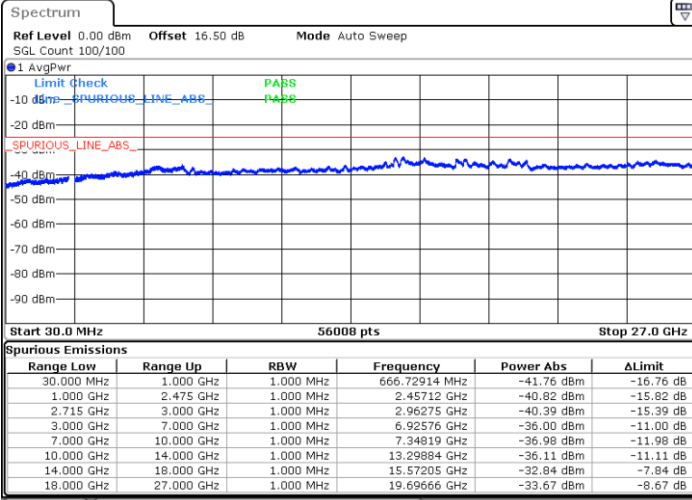
Date: 8.MAR.2022 15:52:05



LTE Band 41 / 10MHz

Lowest Channel / QPSK

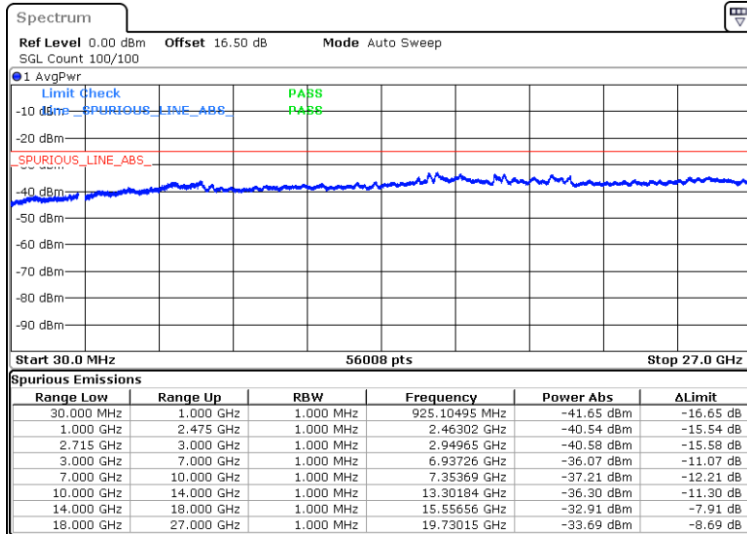
Middle Channel / QPSK



Date: 8.MAR.2022 15:53:11

Date: 8.MAR.2022 15:54:14

Highest Channel / QPSK



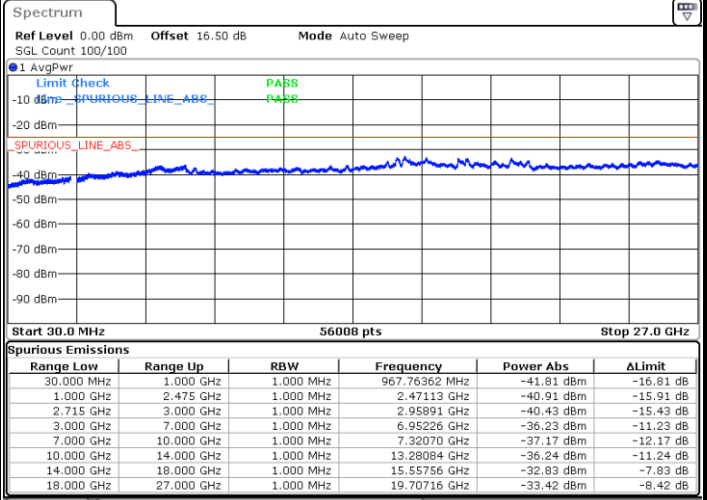
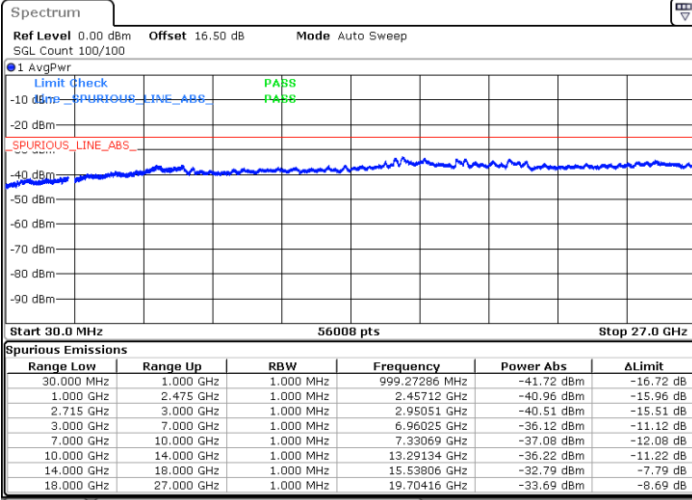
Date: 8.MAR.2022 15:55:18



LTE Band 41 / 15MHz

Lowest Channel / QPSK

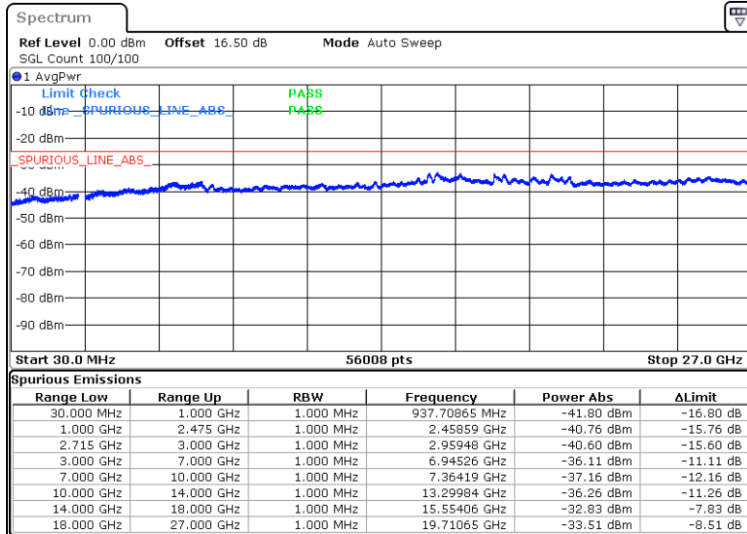
Middle Channel / QPSK



Date: 8.MAR.2022 15:56:25

Date: 8.MAR.2022 15:57:29

Highest Channel / QPSK



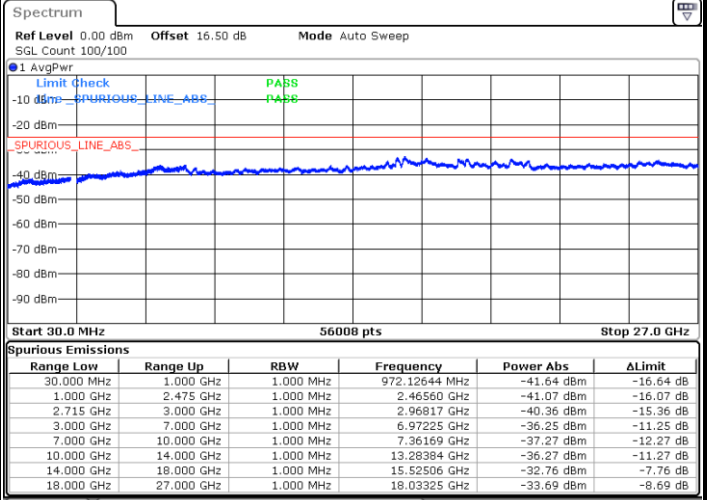
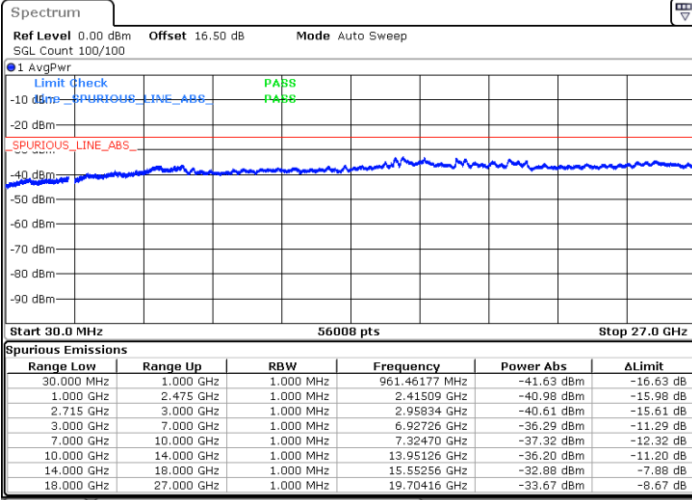
Date: 8.MAR.2022 15:58:32



LTE Band 41 / 20MHz

Lowest Channel / QPSK

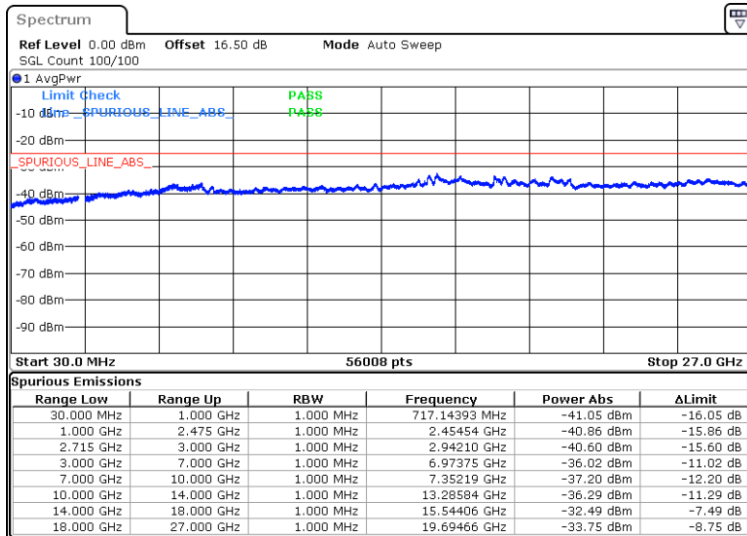
Middle Channel / QPSK



Date: 8.MAR.2022 15:59:38

Date: 8.MAR.2022 16:00:41

Highest Channel / QPSK



Date: 8.MAR.2022 16:01:44



### 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	0.0016	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

**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 66

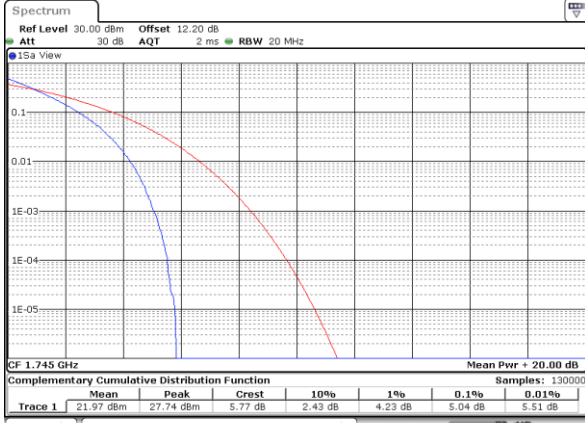
### Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.03	6.46	-	<b>PASS</b>



LTE Band 66 / 20MHz / QPSK

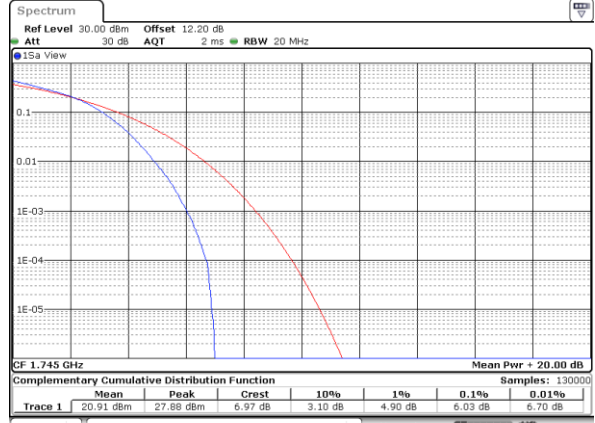
Middle Channel / Full RB



Date: 2.MAR.2022 22:24:10

LTE Band 66 / 20MHz / 16QAM

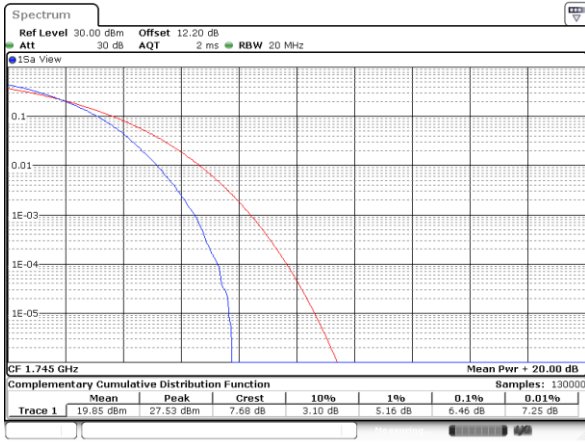
Middle Channel / Full RB



Date: 2.MAR.2022 22:29:56

LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 2.MAR.2022 22:24:35





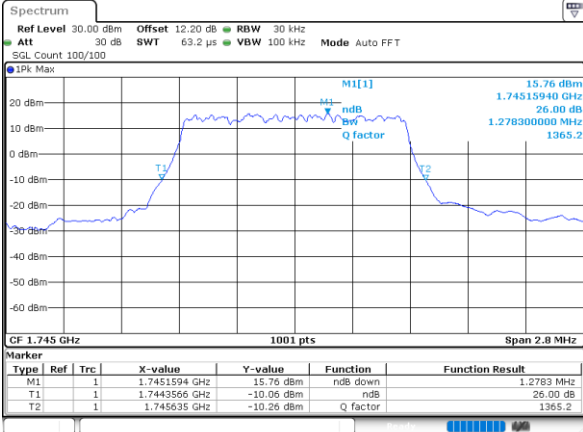
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.28	1.27	3.02	3.03	4.94	5.02	9.65	9.85	14.54	14.24	19.02	18.70
Mode	LTE Band 66 : 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	1.25	-	2.99	-	4.86	-	9.83	-	14.18	-	18.70	-



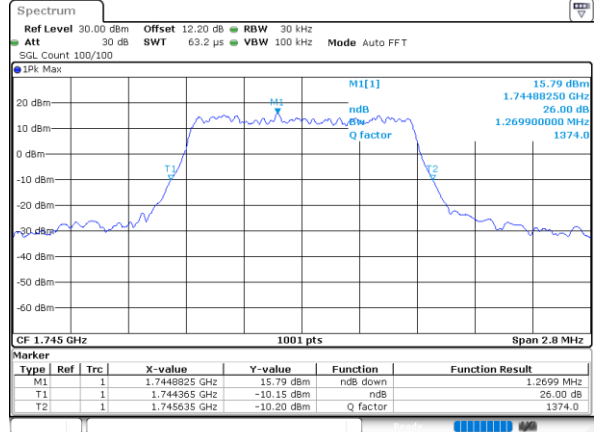
LTE Band 66

Middle Channel / 1.4MHz / QPSK



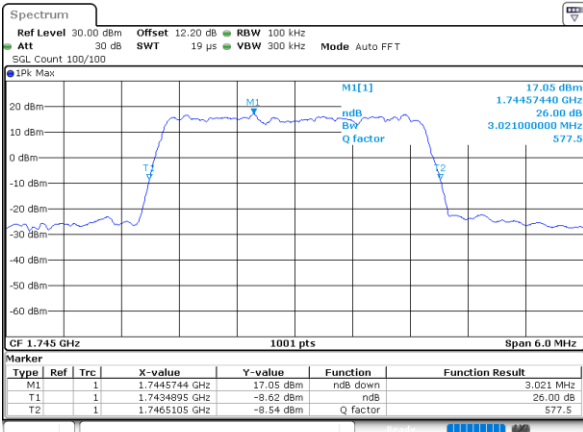
Date: 2,MAR,2022 20:53:21

Middle Channel / 1.4MHz / 16QAM



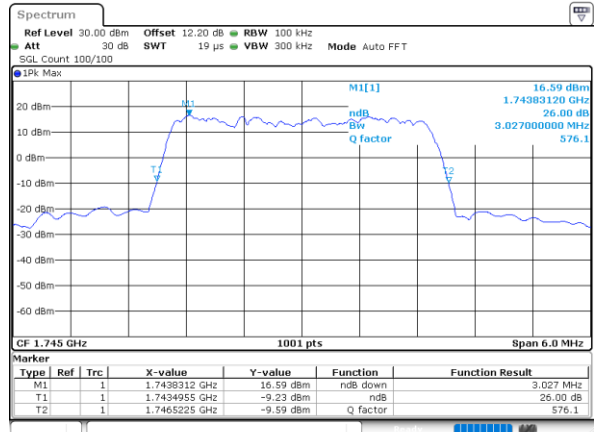
Date: 2,MAR,2022 20:53:46

Middle Channel / 3MHz / QPSK



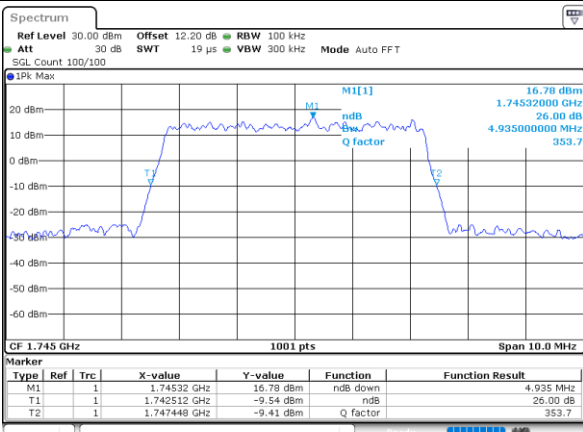
Date: 2,MAR,2022 21:09:09

Middle Channel / 3MHz / 16QAM



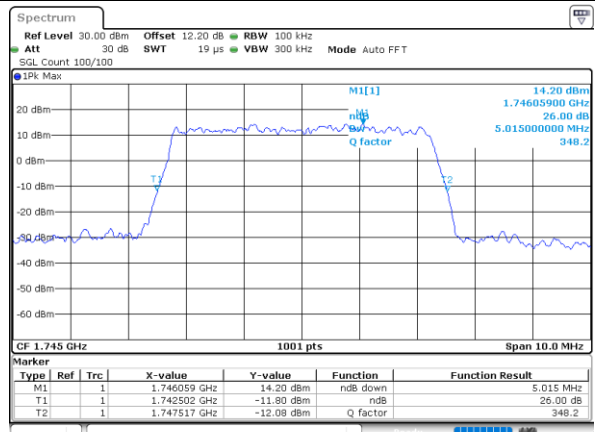
Date: 2,MAR,2022 21:09:34

Middle Channel / 5MHz / QPSK



Date: 2,MAR,2022 21:29:23

Middle Channel / 5MHz / 16QAM

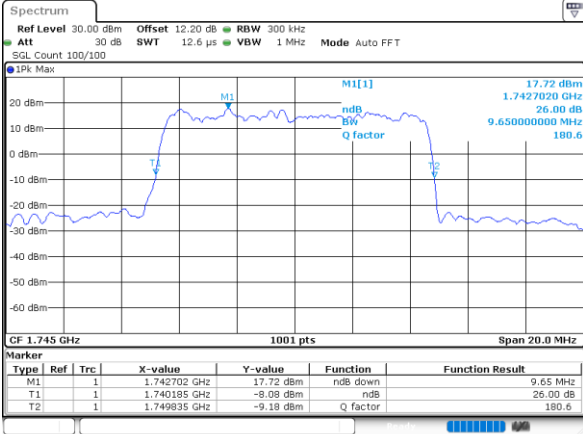


Date: 2,MAR,2022 21:29:47



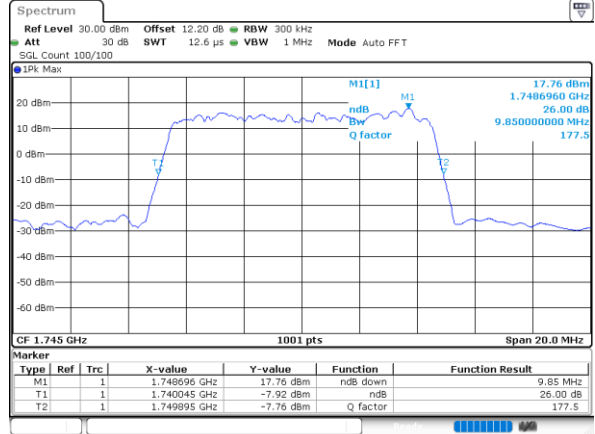
LTE Band 66

Middle Channel / 10MHz / QPSK



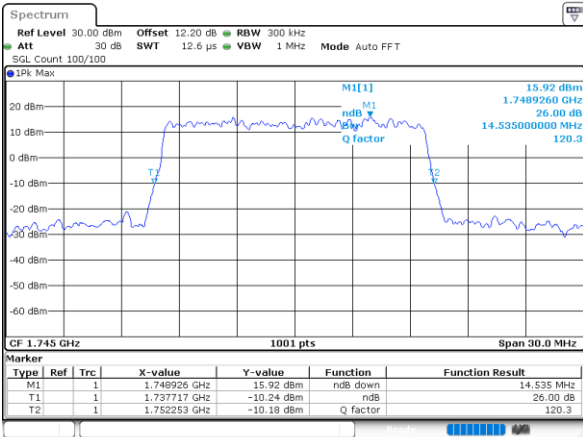
Date: 2,MAR,2022 21:41:12

Middle Channel / 10MHz / 16QAM



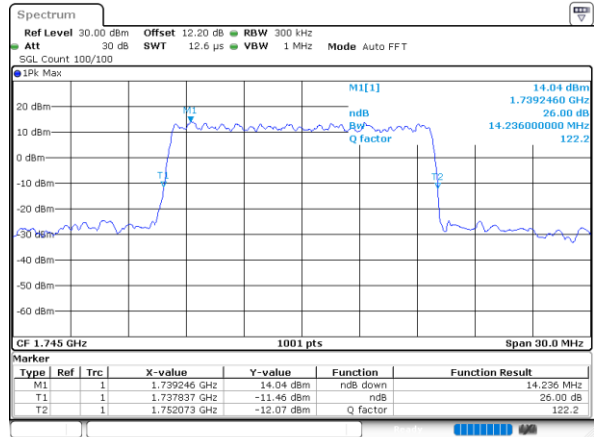
Date: 2,MAR,2022 21:41:36

Middle Channel / 15MHz / QPSK



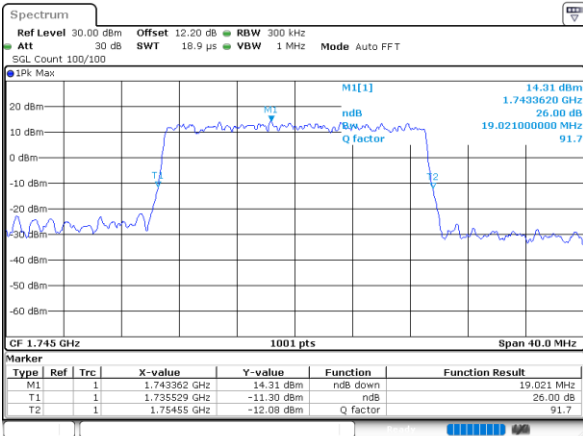
Date: 2,MAR,2022 22:01:22

Middle Channel / 15MHz / 16QAM



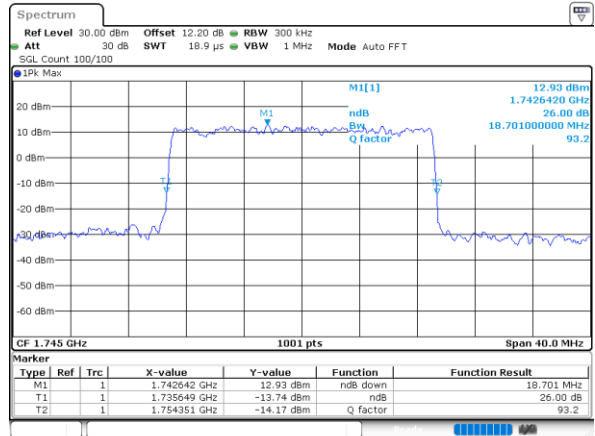
Date: 2,MAR,2022 22:01:46

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 22:13:12

Middle Channel / 20MHz / 16QAM

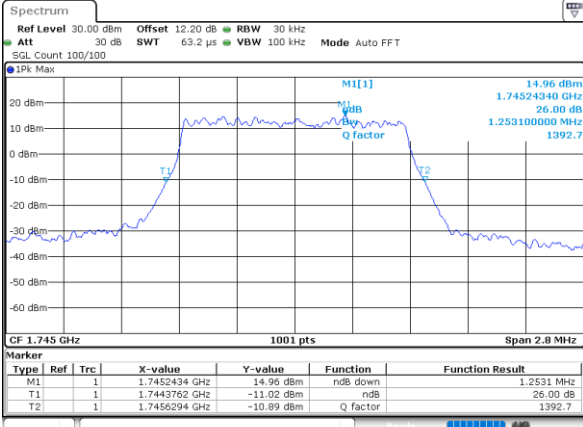


Date: 2,MAR,2022 22:13:36



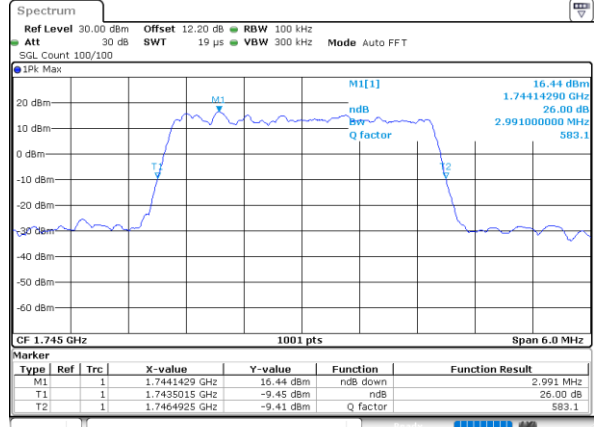
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



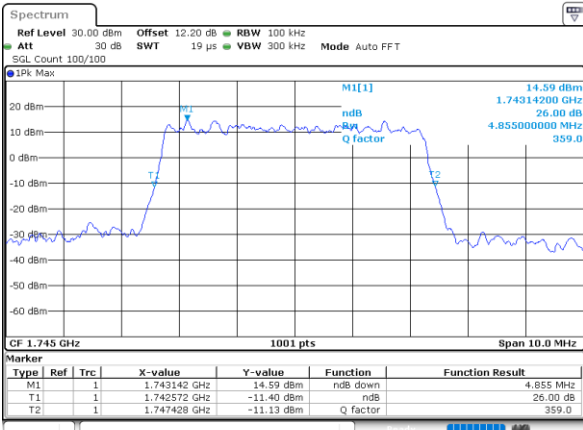
Date: 2,MAR,2022 21:01:41

Middle Channel / 3MHz / 64QAM



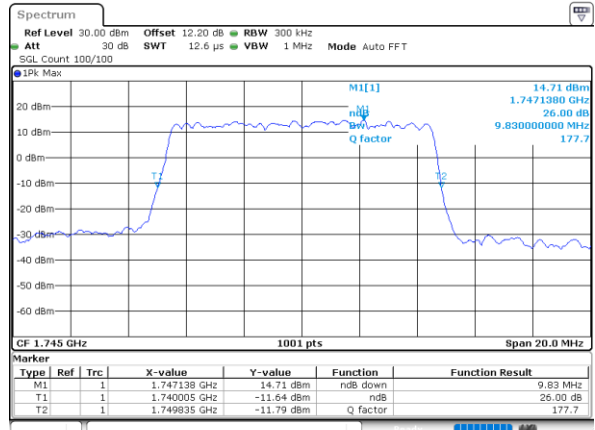
Date: 2,MAR,2022 21:17:31

Middle Channel / 5MHz / 64QAM



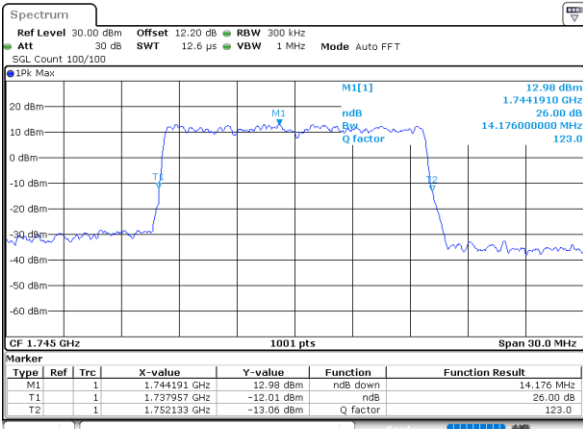
Date: 2,MAR,2022 21:21:55

Middle Channel / 10MHz / 64QAM



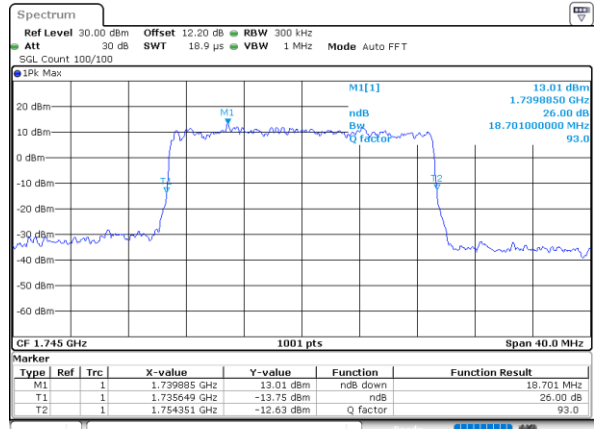
Date: 2,MAR,2022 21:49:32

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 21:53:56

Middle Channel / 20MHz / 64QAM



Date: 2,MAR,2022 22:21:32



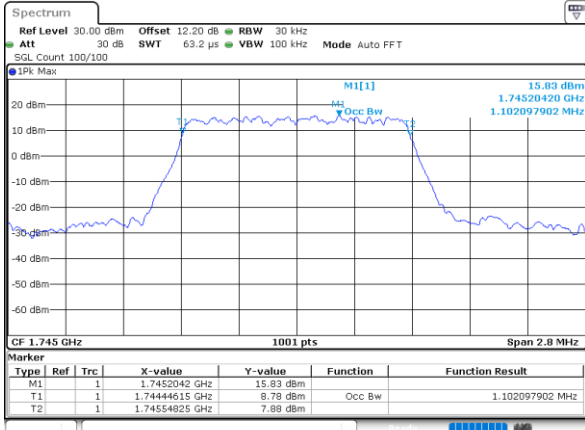
**Occupied Bandwidth**

Mode	LTE Band 66 : 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	1.10	1.10	2.72	2.71	4.49	4.49	8.97	8.99	13.49	13.46	17.90	17.86
Mode	LTE Band 66 : 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	1.09	-	2.70	-	4.47	-	8.99	-	13.46	-	17.94	-



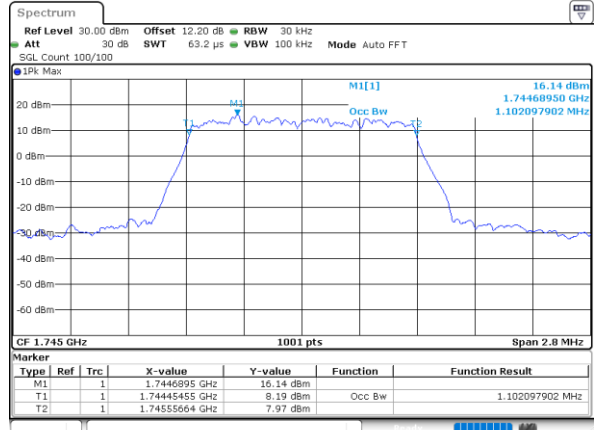
LTE Band 66

Middle Channel / 1.4MHz / QPSK



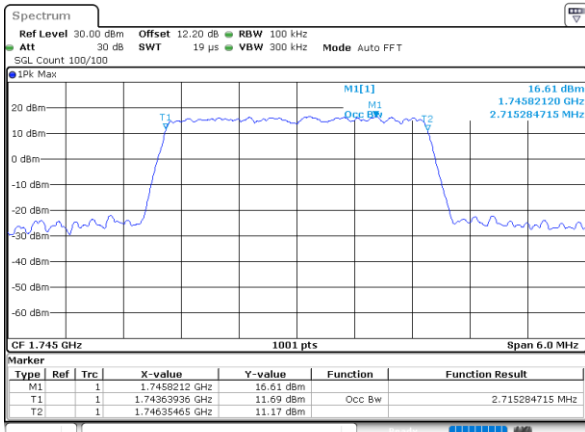
Date: 2,MAR,2022 20:52:33

Middle Channel / 1.4MHz / 16QAM



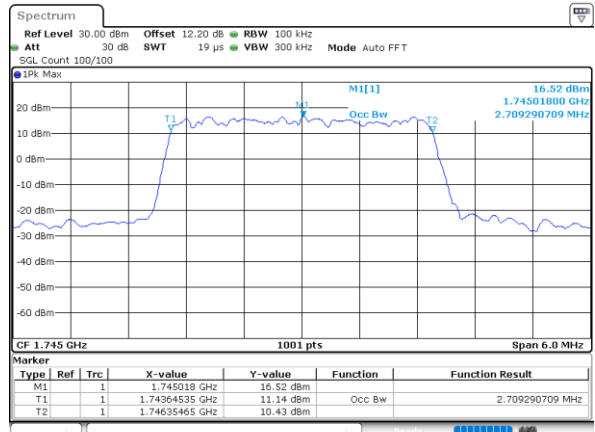
Date: 2,MAR,2022 20:52:57

Middle Channel / 3MHz / QPSK



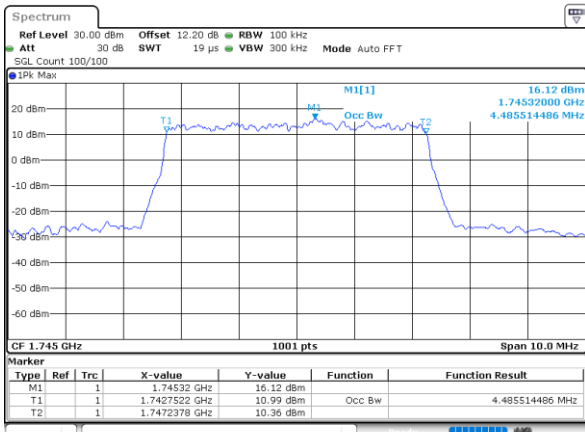
Date: 2,MAR,2022 21:08:21

Middle Channel / 3MHz / 16QAM



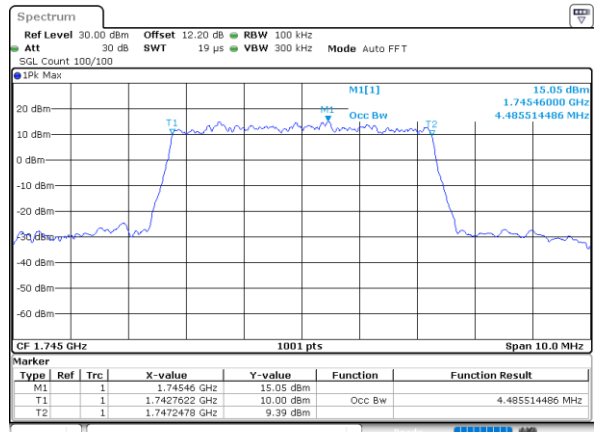
Date: 2,MAR,2022 21:08:45

Middle Channel / 5MHz / QPSK



Date: 2,MAR,2022 21:28:35

Middle Channel / 5MHz / 16QAM

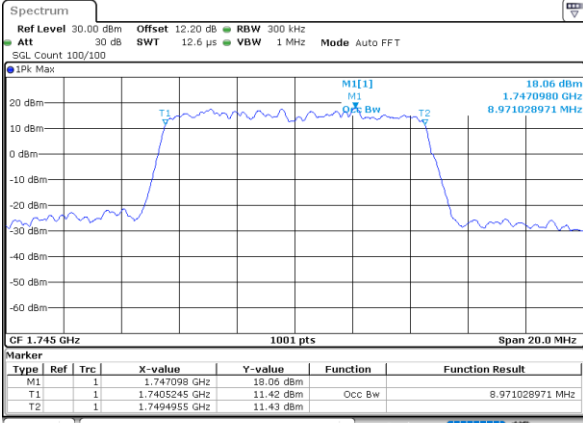


Date: 2,MAR,2022 21:28:59



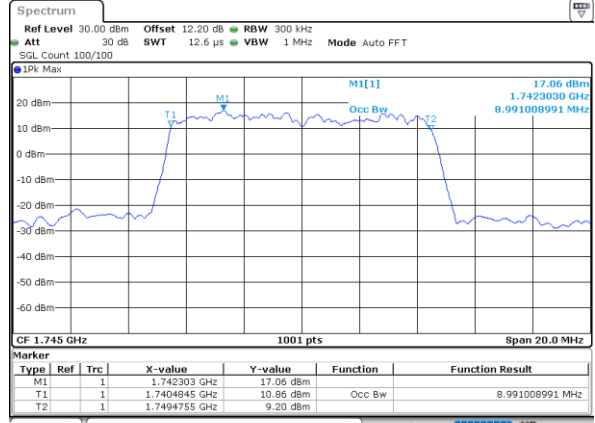
LTE Band 66

Middle Channel / 10MHz / QPSK



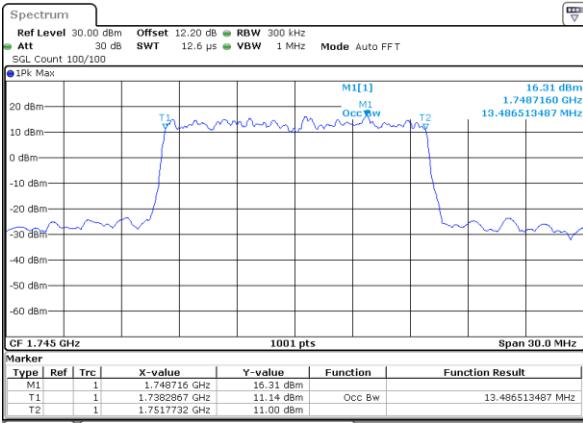
Date: 2,MAR,2022 21:40:24

Middle Channel / 10MHz / 16QAM



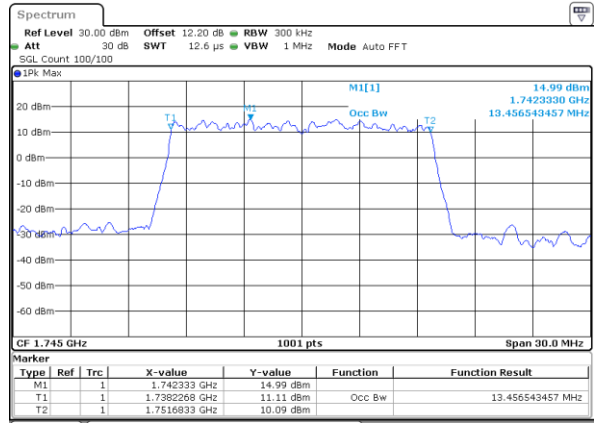
Date: 2,MAR,2022 21:40:48

Middle Channel / 15MHz / QPSK



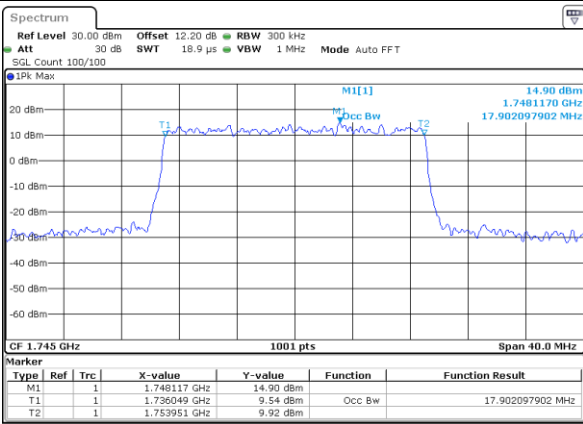
Date: 2,MAR,2022 22:00:34

Middle Channel / 15MHz / 16QAM



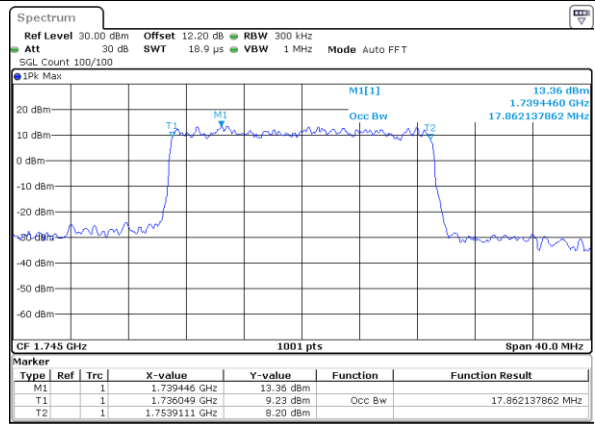
Date: 2,MAR,2022 22:00:58

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 22:12:24

Middle Channel / 20MHz / 16QAM

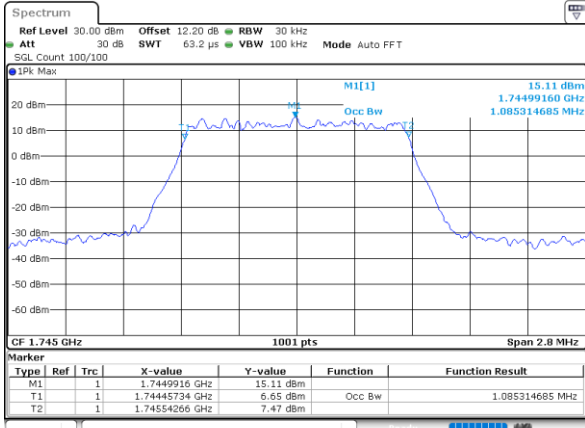


Date: 2,MAR,2022 22:12:48



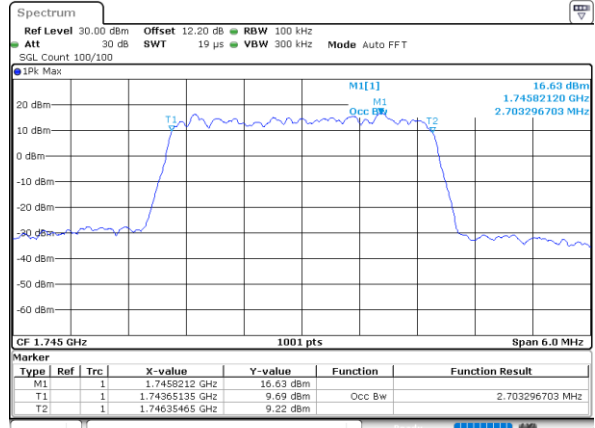
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



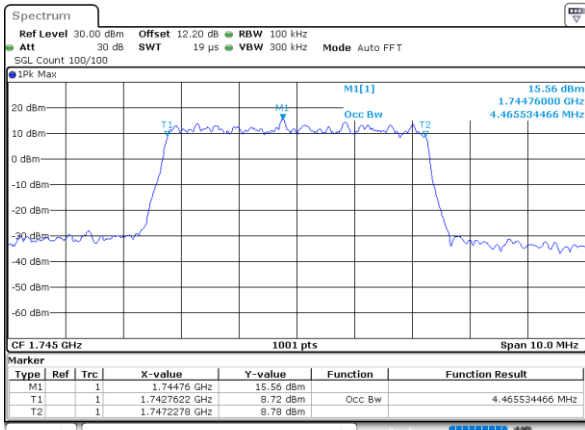
Date: 2,MAR,2022 21:01:17

Middle Channel / 3MHz / 64QAM



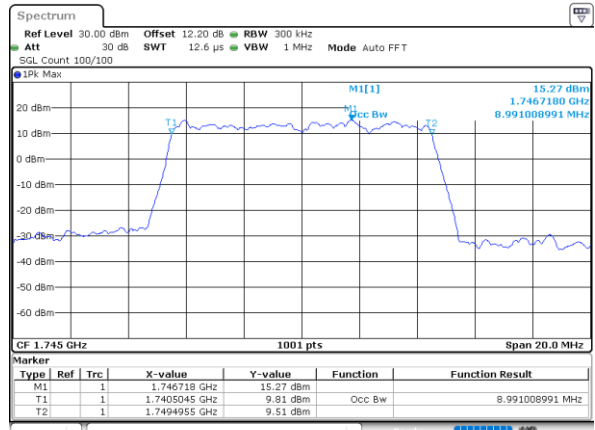
Date: 2,MAR,2022 21:17:07

Middle Channel / 5MHz / 64QAM



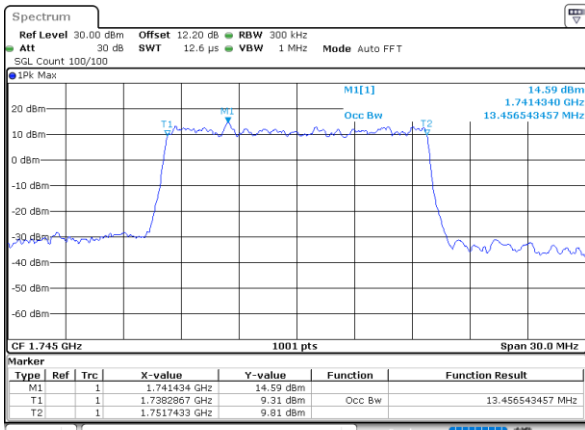
Date: 2,MAR,2022 21:21:31

Middle Channel / 10MHz / 64QAM



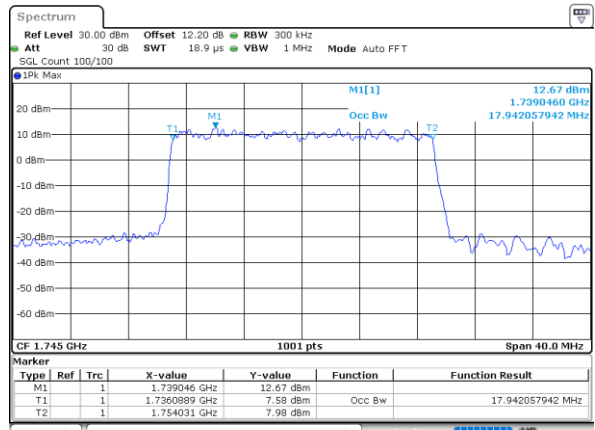
Date: 2,MAR,2022 21:49:08

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 21:53:32

Middle Channel / 20MHz / 64QAM

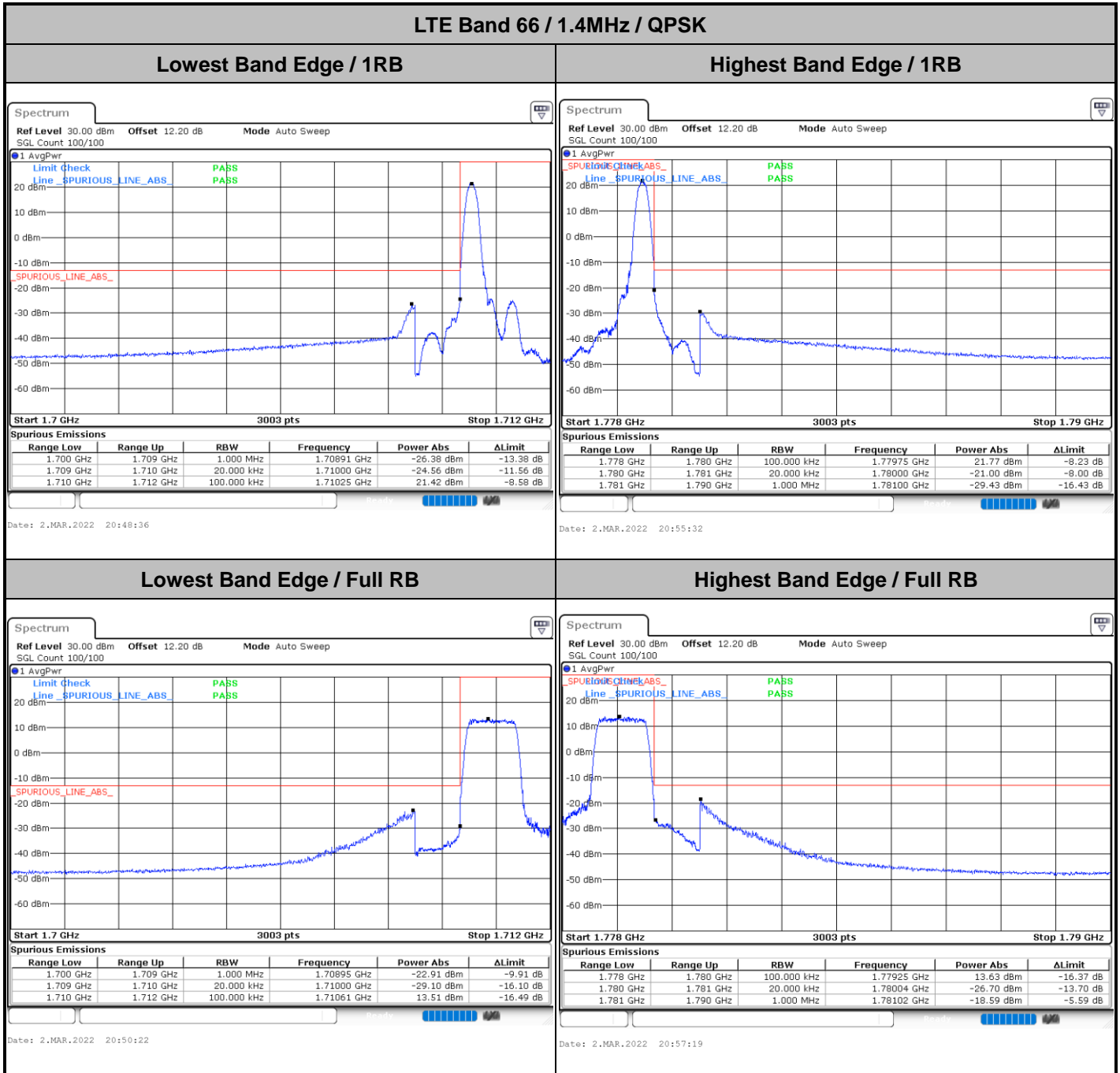


Date: 2,MAR,2022 22:21:08





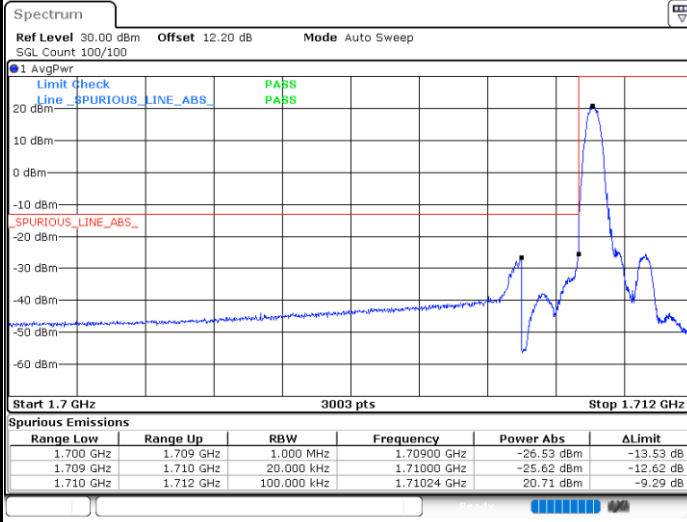
# Conducted Band Edge



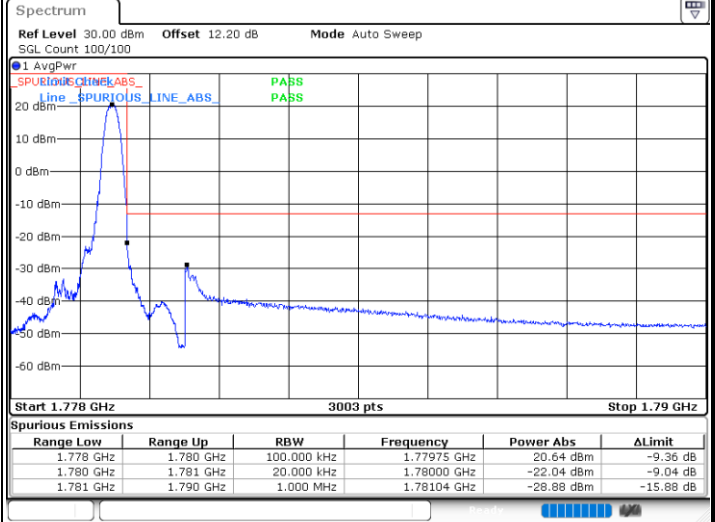


LTE Band 66 / 1.4MHz / 16QAM

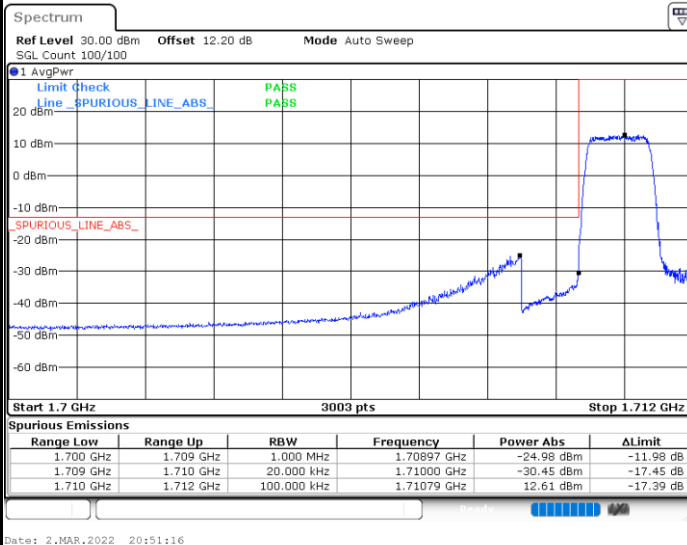
Lowest Band Edge / 1 RB



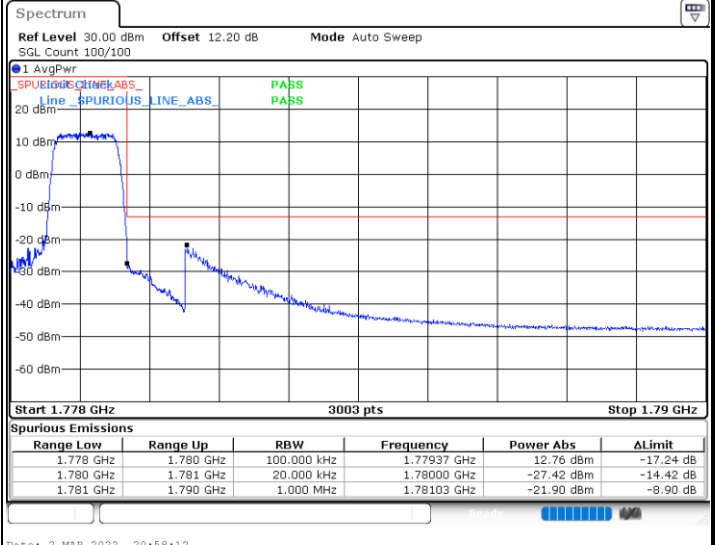
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



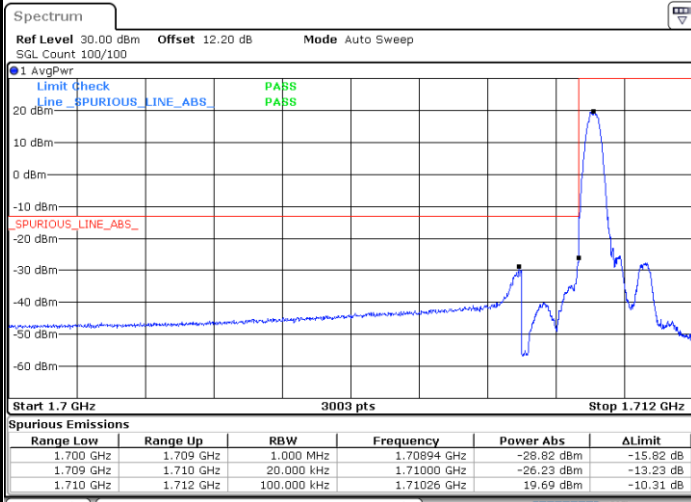
Highest Band Edge / Full RB





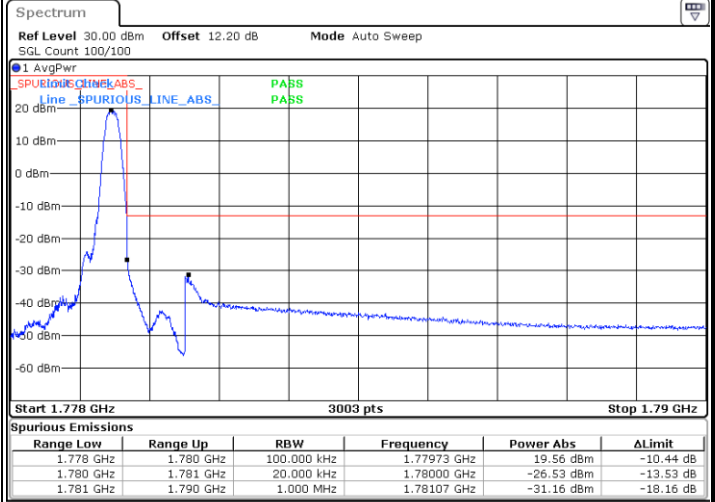
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



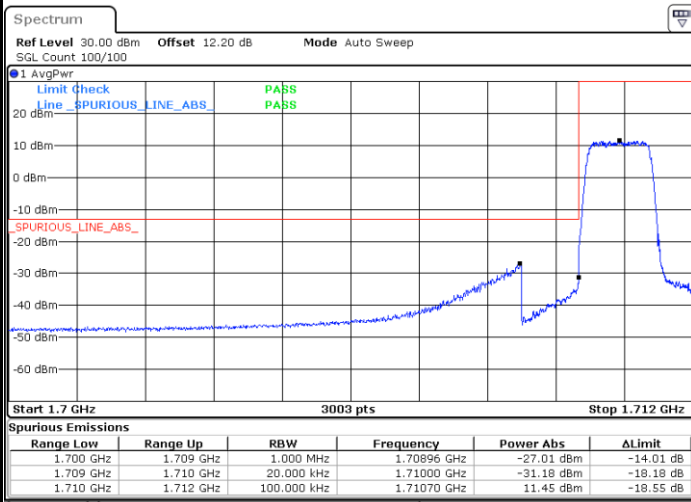
Date: 2.MAR.2022 20:59:59

Highest Band Edge / 1 RB



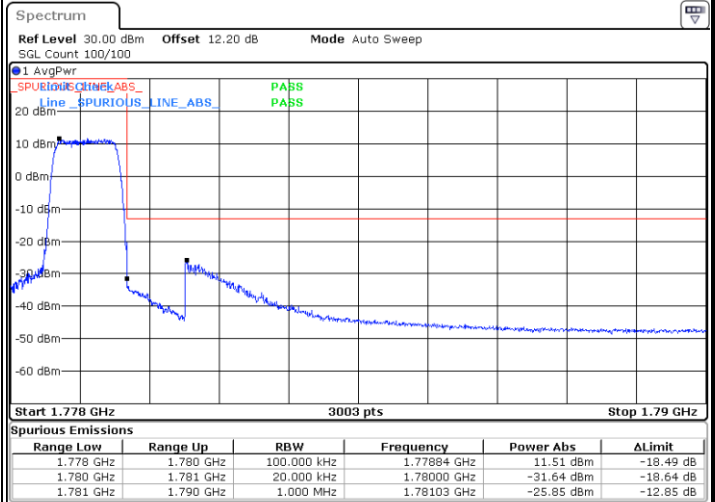
Date: 2.MAR.2022 21:02:34

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:00:53

Highest Band Edge / Full RB

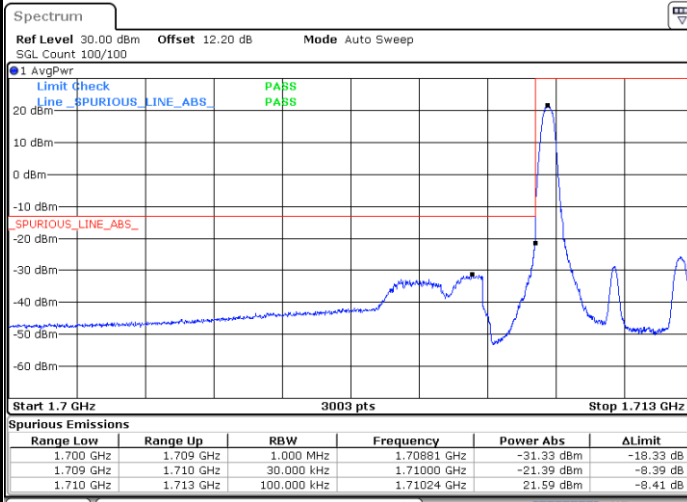


Date: 2.MAR.2022 21:03:27



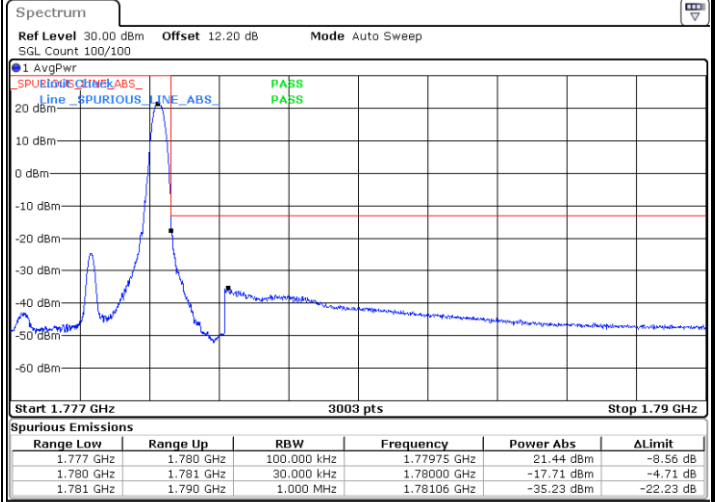
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



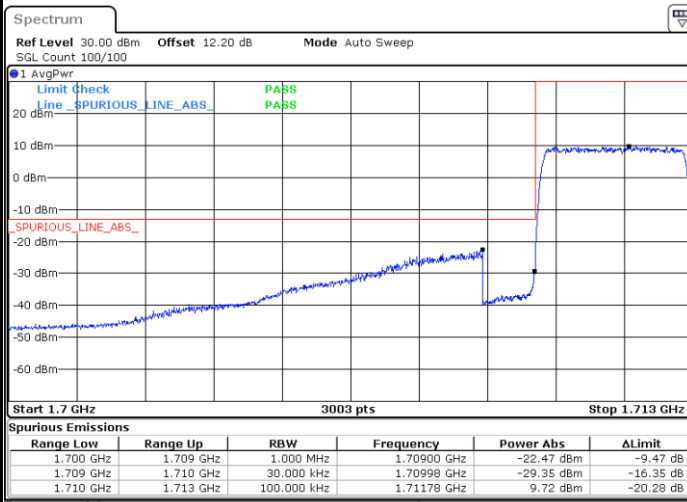
Date: 2.MAR.2022 21:04:22

Highest Band Edge / 1 RB



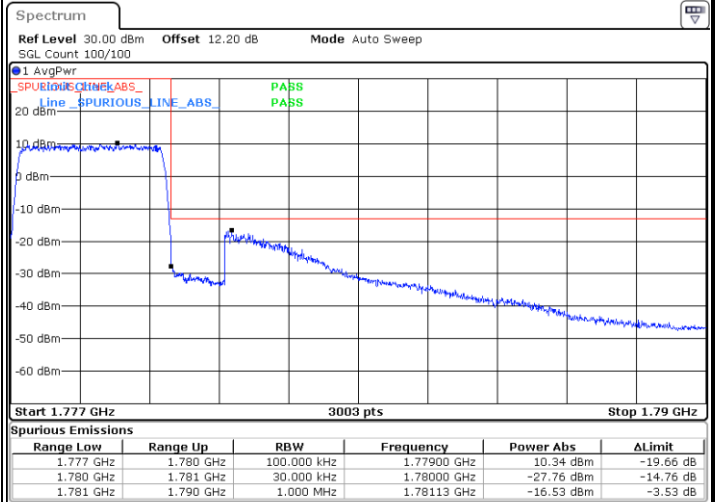
Date: 2.MAR.2022 21:11:20

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:06:09

Highest Band Edge / Full RB

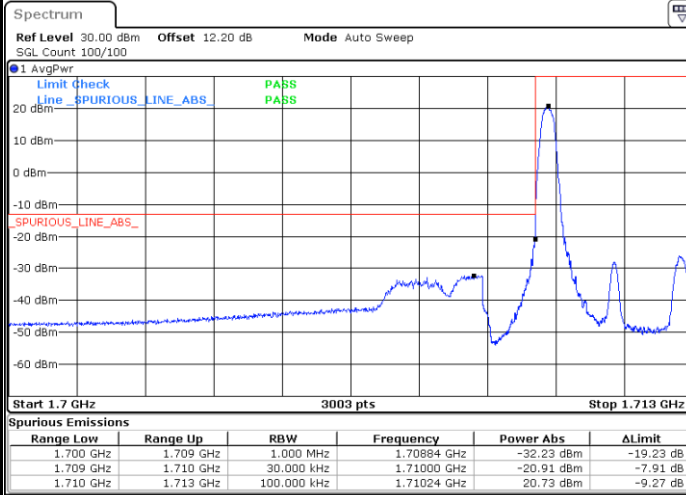


Date: 2.MAR.2022 21:13:07



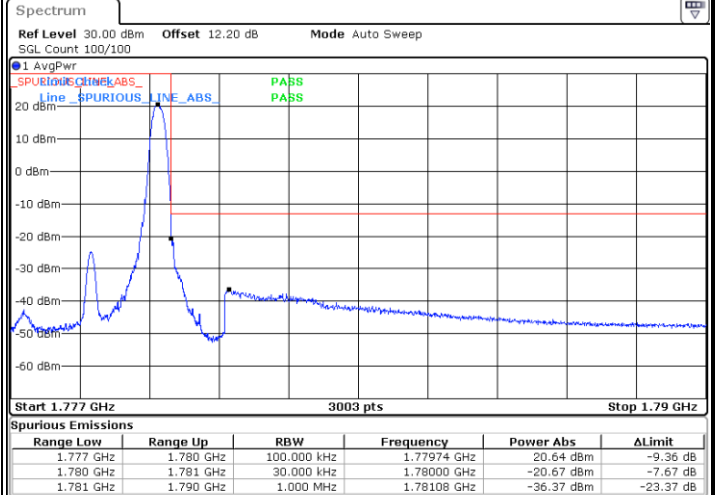
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



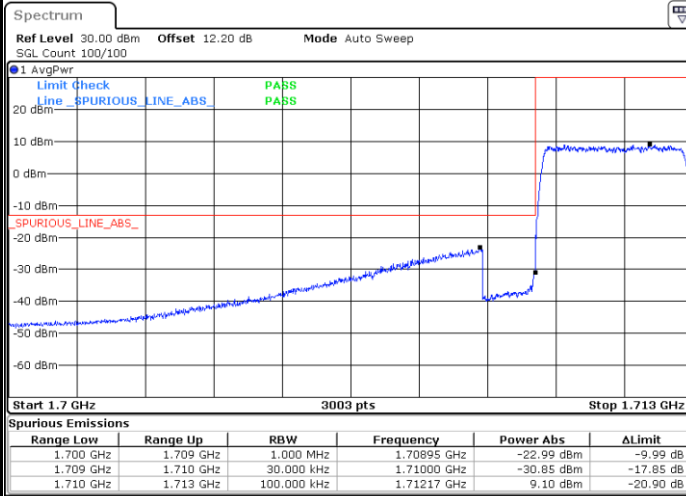
Date: 2.MAR.2022 21:05:16

Highest Band Edge / 1 RB



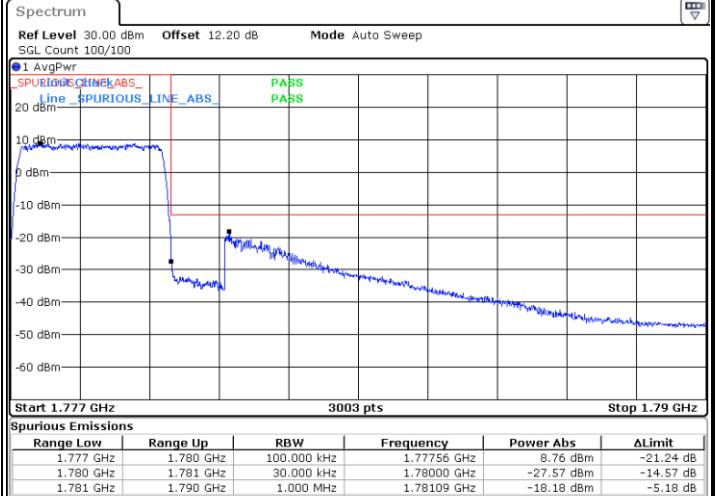
Date: 2.MAR.2022 21:12:13

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:07:03

Highest Band Edge / Full RB

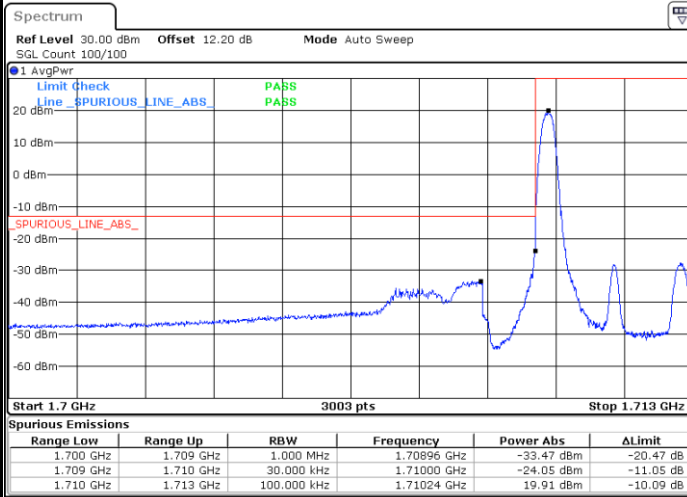


Date: 2.MAR.2022 21:14:01



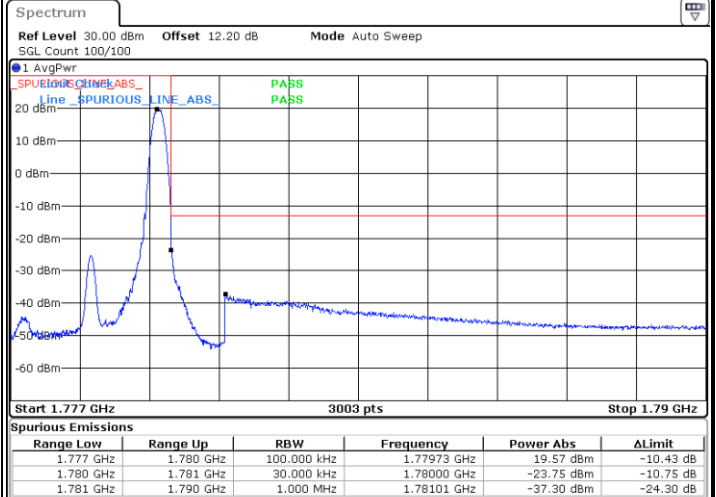
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



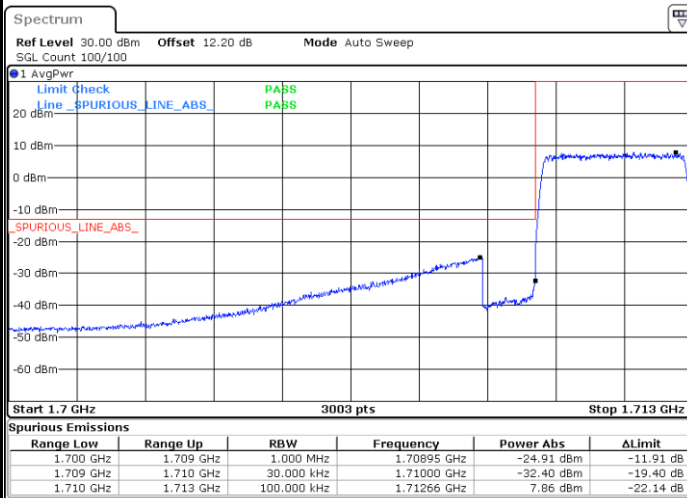
Date: 2.MAR.2022 21:15:47

Highest Band Edge / 1 RB



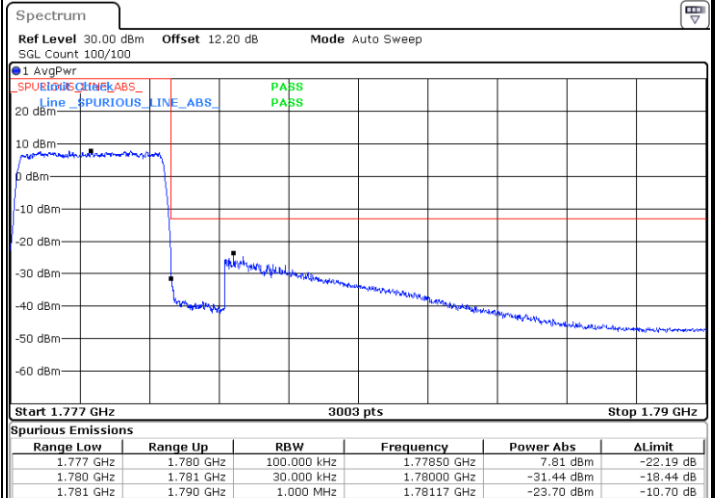
Date: 2.MAR.2022 21:18:25

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:16:42

Highest Band Edge / Full RB

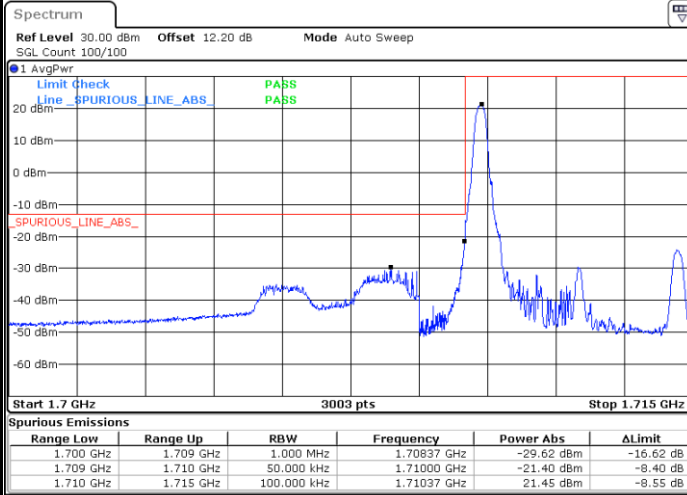


Date: 2.MAR.2022 21:19:19



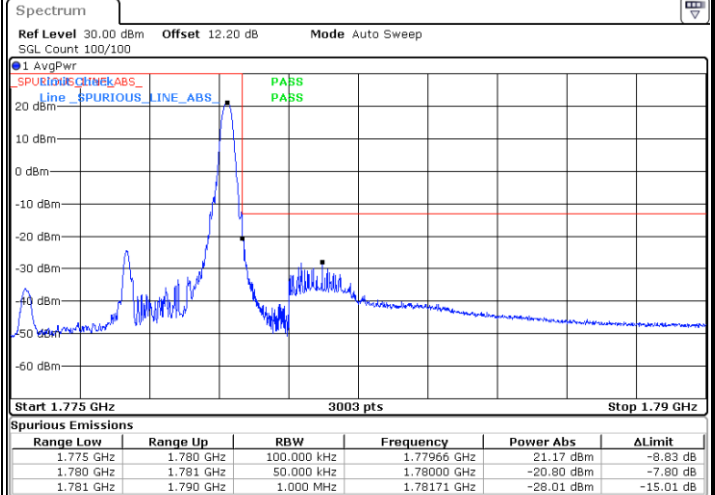
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



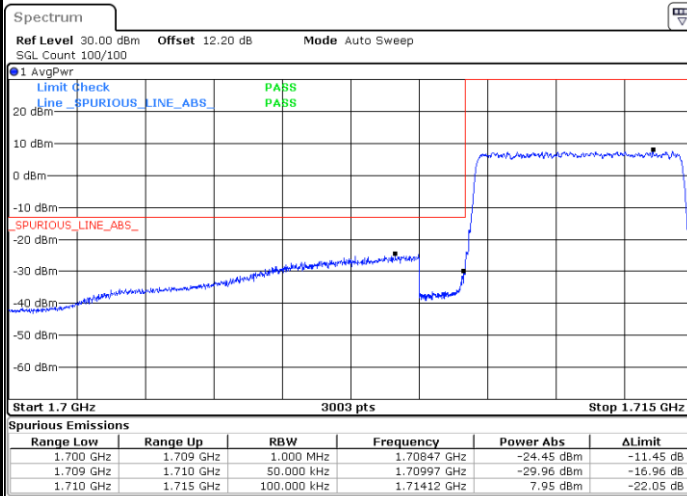
Date: 2.MAR.2022 21:24:36

Highest Band Edge / 1 RB



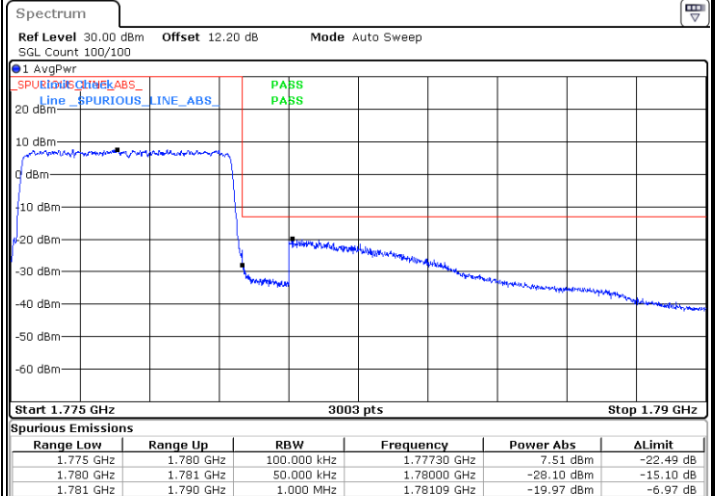
Date: 2.MAR.2022 21:31:33

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:26:23

Highest Band Edge / Full RB

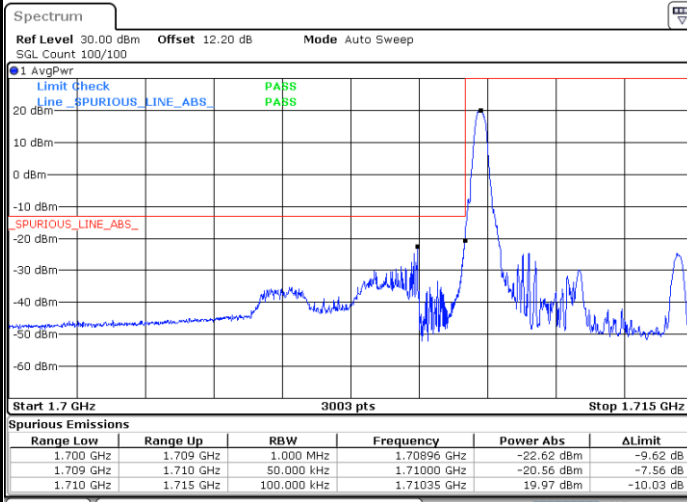


Date: 2.MAR.2022 21:33:20



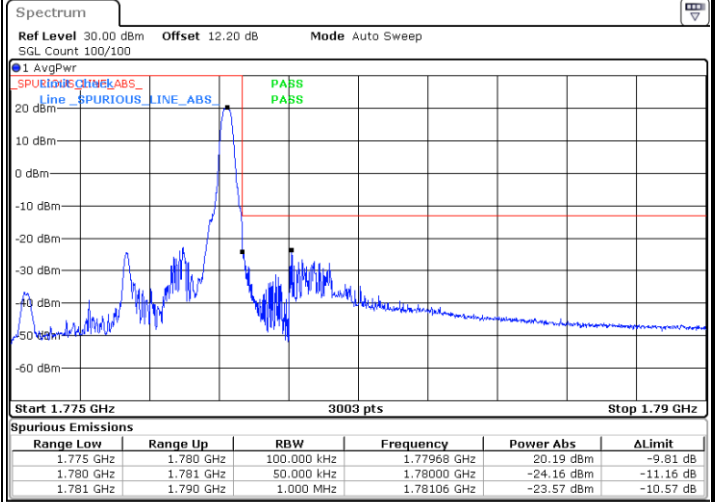
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



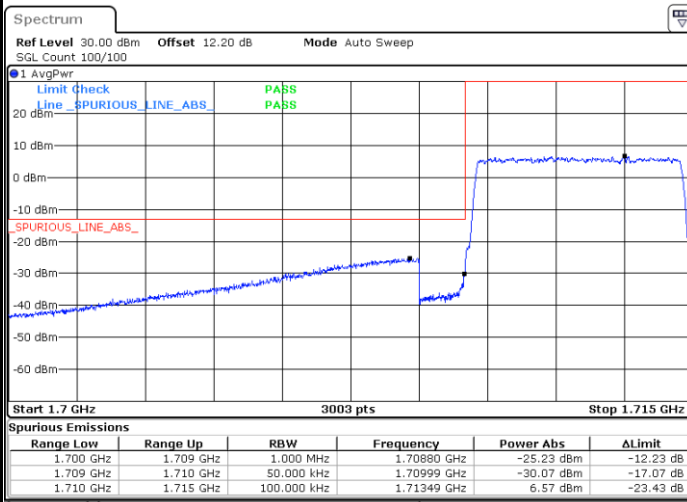
Date: 2.MAR.2022 21:25:29

Highest Band Edge / 1 RB



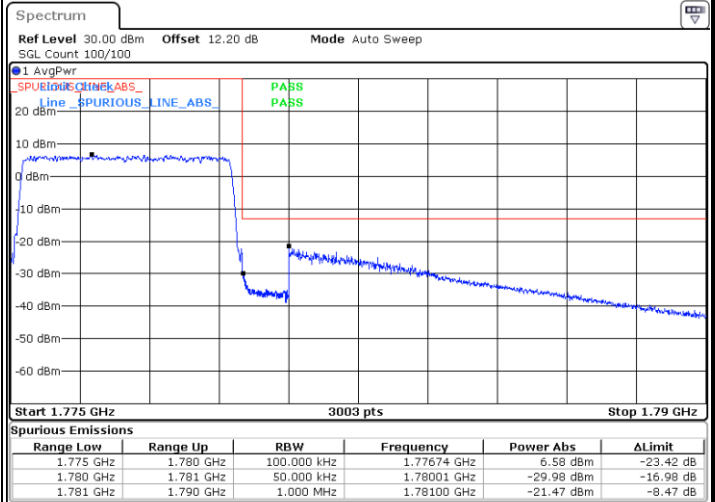
Date: 2.MAR.2022 21:32:27

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:27:16

Highest Band Edge / Full RB



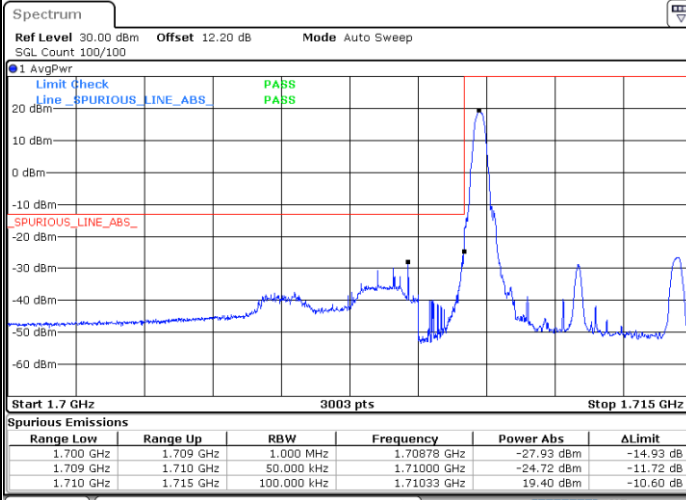
Date: 2.MAR.2022 21:34:14





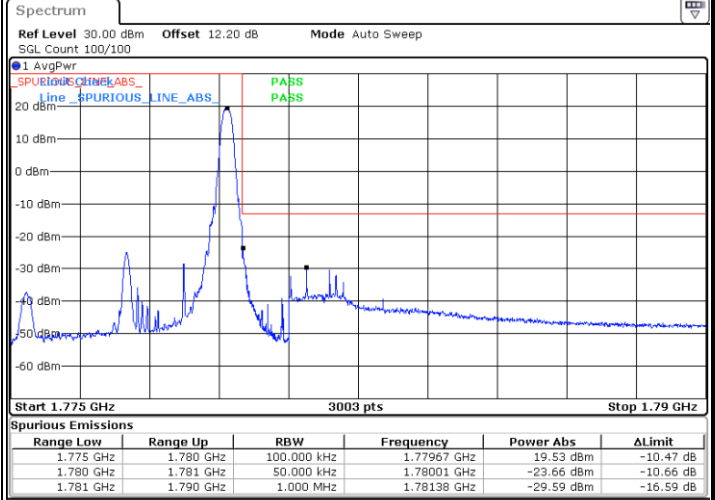
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



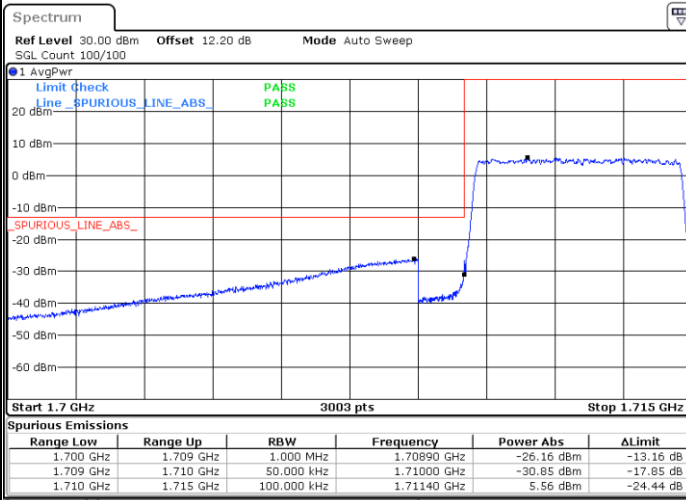
Date: 2.MAR.2022 21:20:14

Highest Band Edge / 1 RB



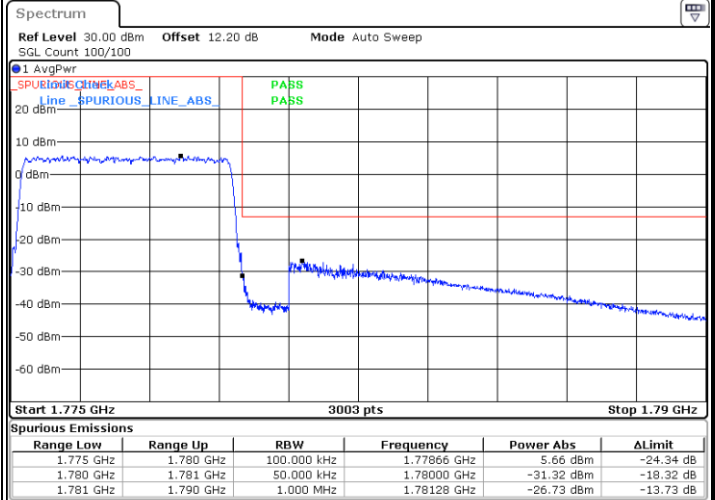
Date: 2.MAR.2022 21:22:49

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:21:07

Highest Band Edge / Full RB

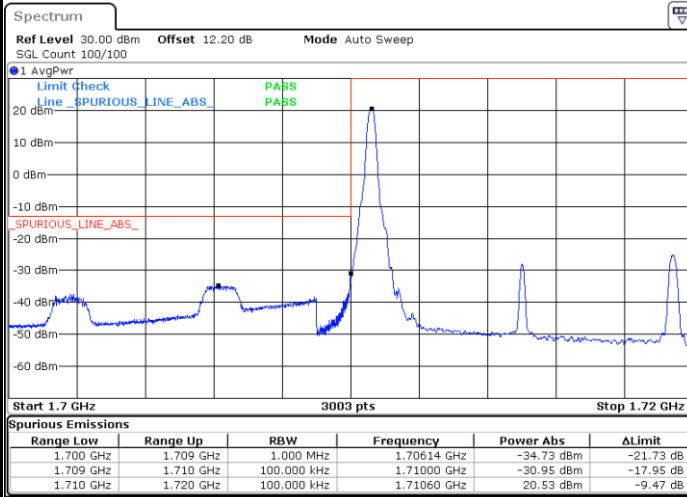


Date: 2.MAR.2022 21:23:42



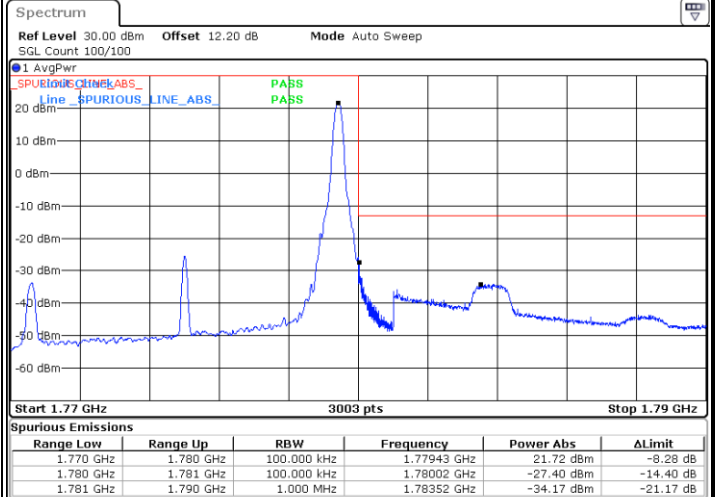
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



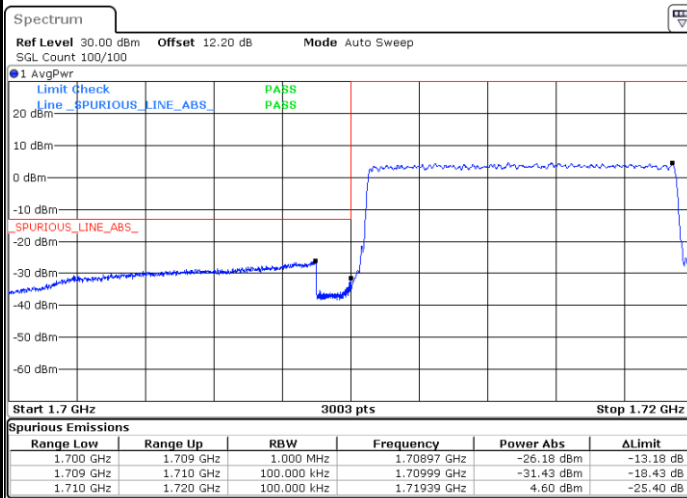
Date: 2.MAR.2022 21:36:26

Highest Band Edge / 1 RB



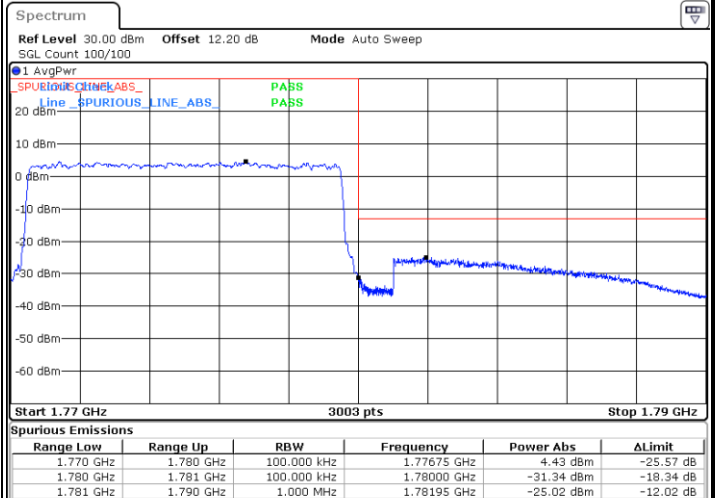
Date: 2.MAR.2022 21:43:23

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:38:13

Highest Band Edge / Full RB

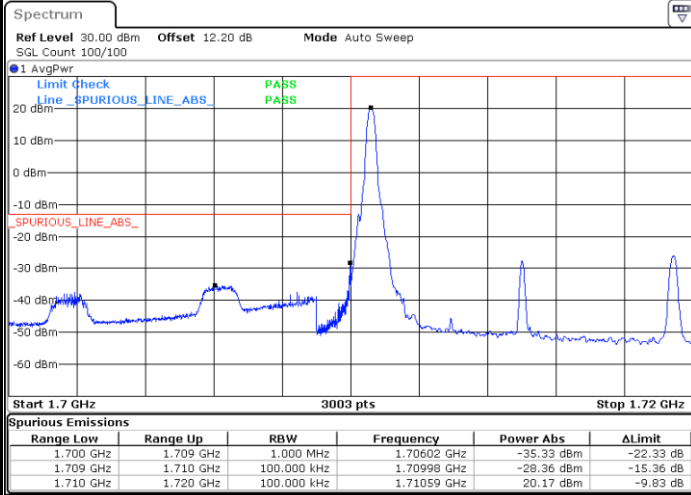


Date: 2.MAR.2022 21:45:10



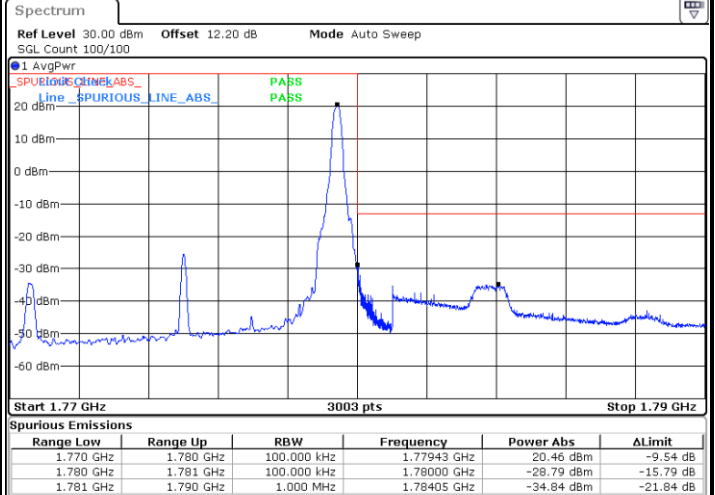
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



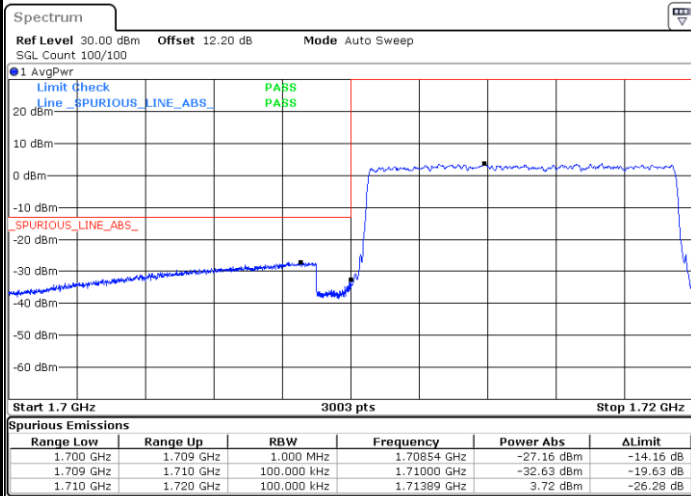
Date: 2.MAR.2022 21:37:20

Highest Band Edge / 1 RB



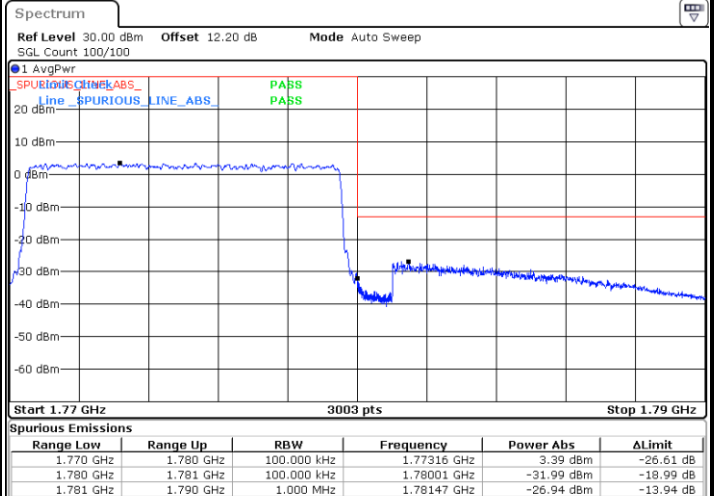
Date: 2.MAR.2022 21:44:17

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:39:07

Highest Band Edge / Full RB

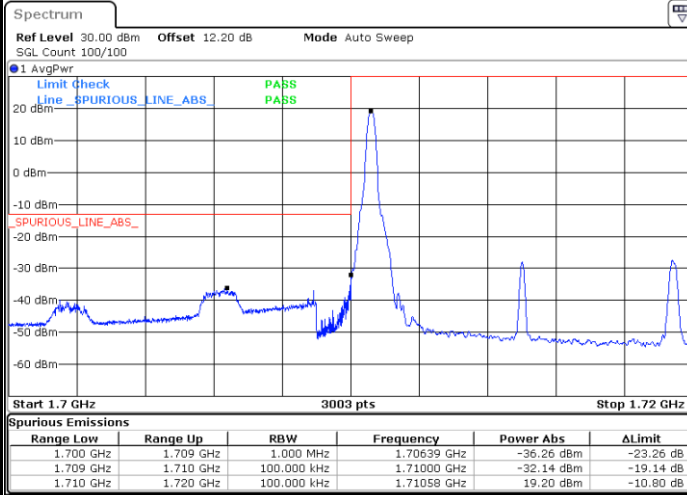


Date: 2.MAR.2022 21:46:04



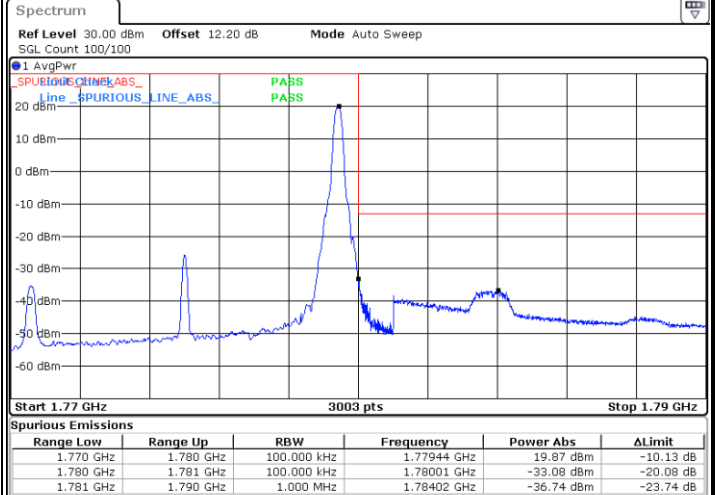
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



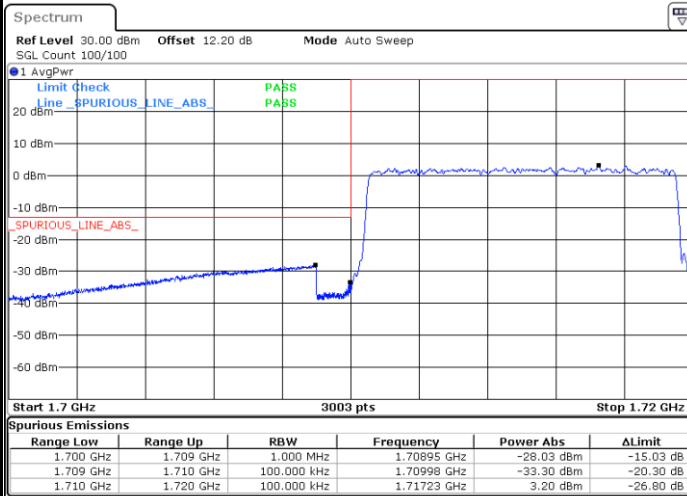
Date: 2.MAR.2022 21:47:50

Highest Band Edge / 1 RB



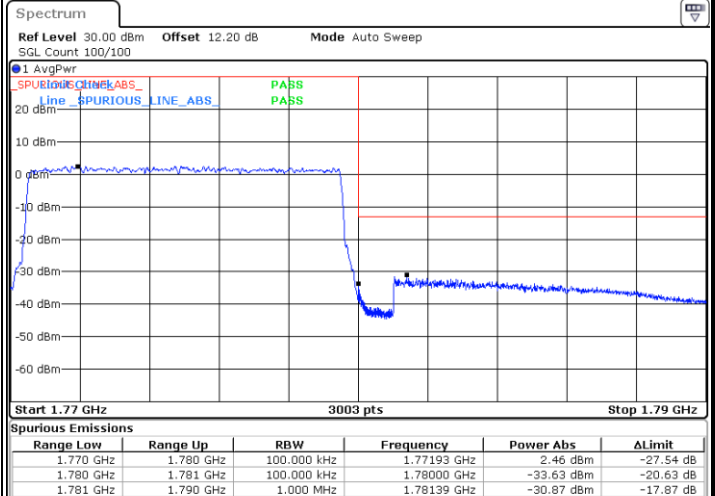
Date: 2.MAR.2022 21:50:25

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:48:43

Highest Band Edge / Full RB

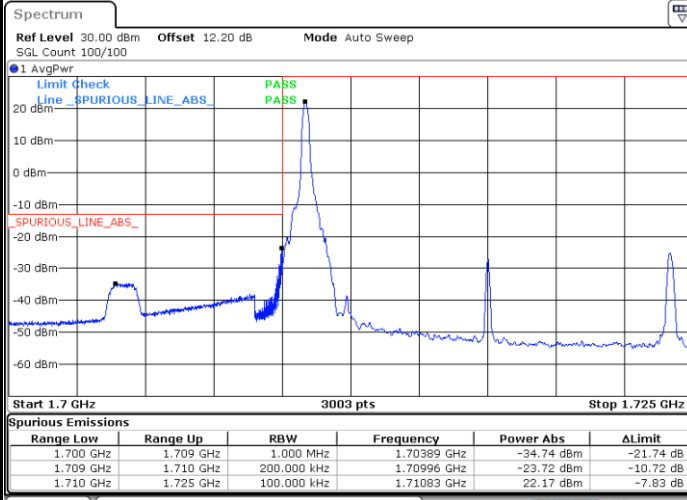


Date: 2.MAR.2022 21:51:18



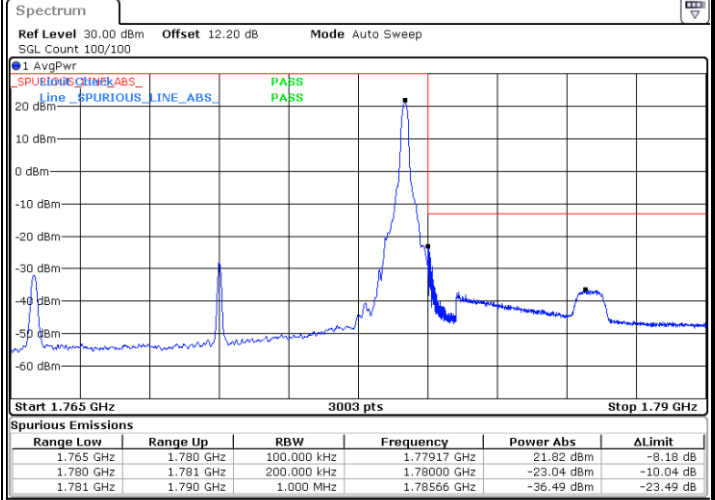
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



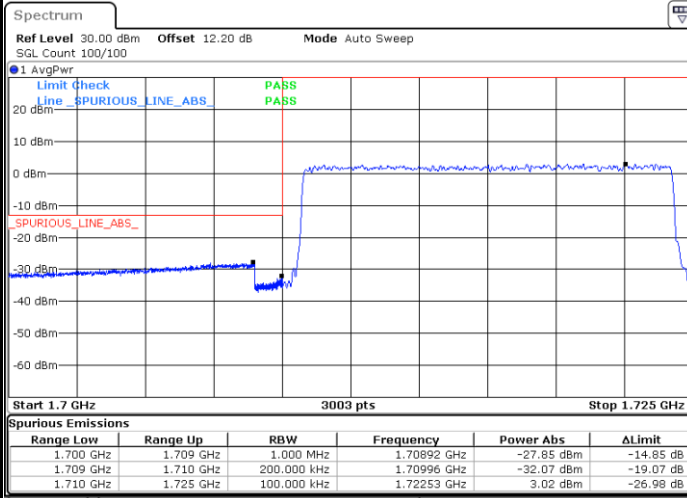
Date: 2.MAR.2022 21:56:36

Highest Band Edge / 1 RB



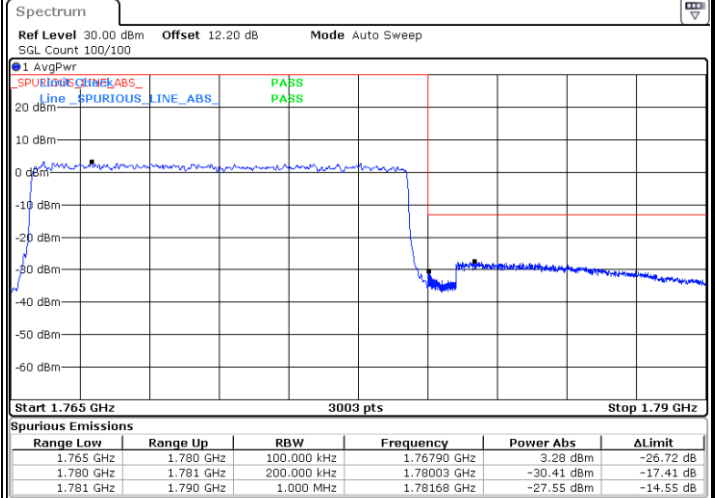
Date: 2.MAR.2022 22:03:32

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:58:23

Highest Band Edge / Full RB

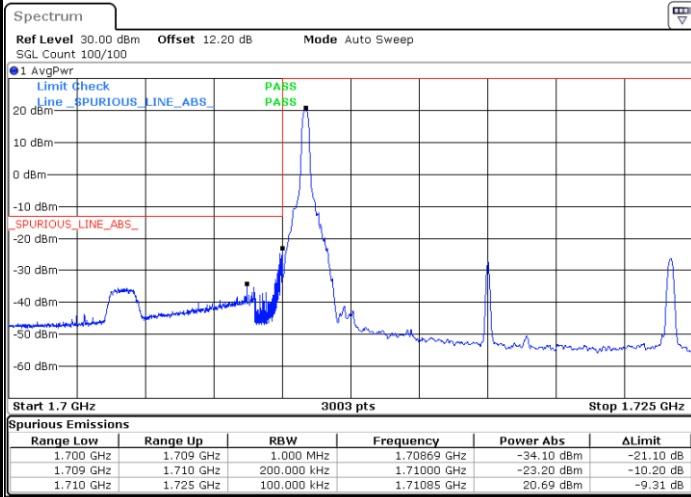


Date: 2.MAR.2022 22:05:20



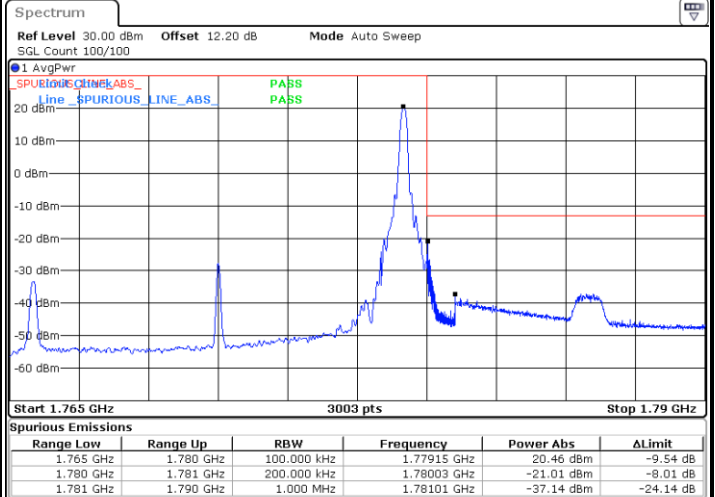
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



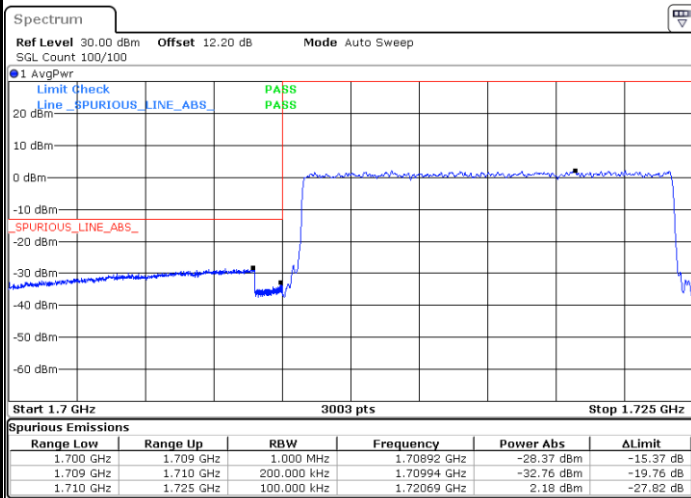
Date: 2.MAR.2022 21:57:29

Highest Band Edge / 1 RB



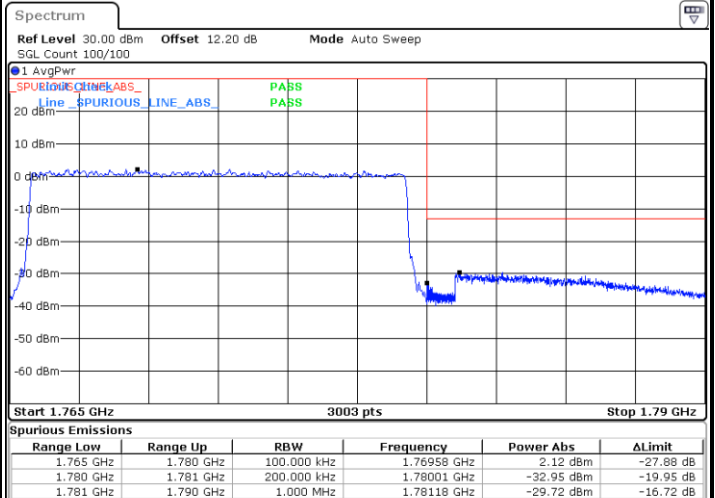
Date: 2.MAR.2022 22:04:26

Lowest Band Edge / Full RB



Date: 2.MAR.2022 21:59:16

Highest Band Edge / Full RB



Date: 2.MAR.2022 22:06:13