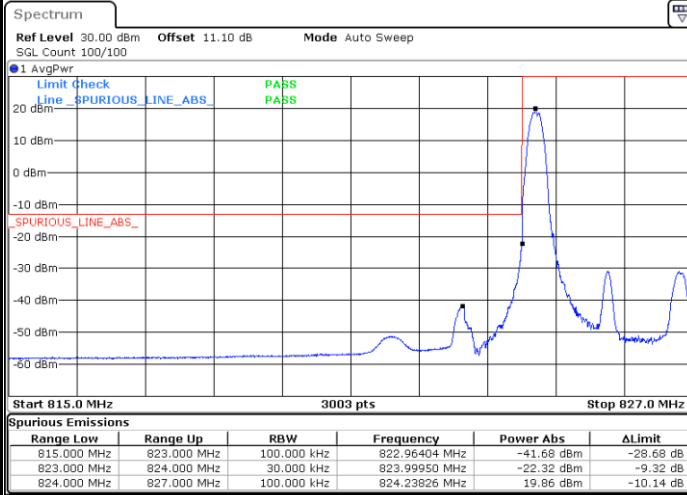




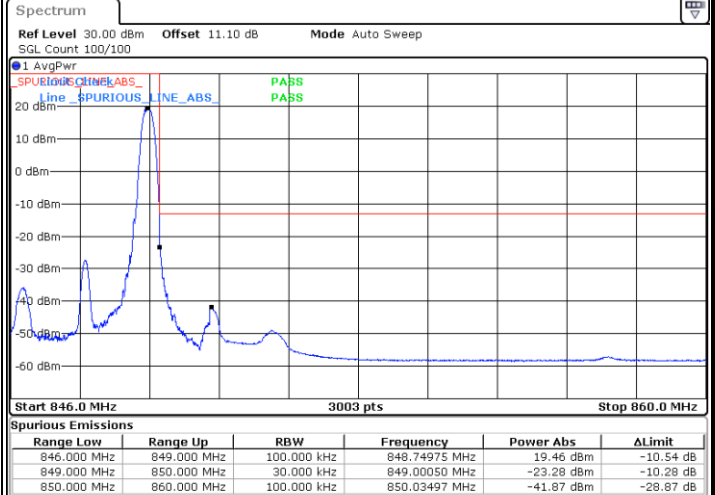
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



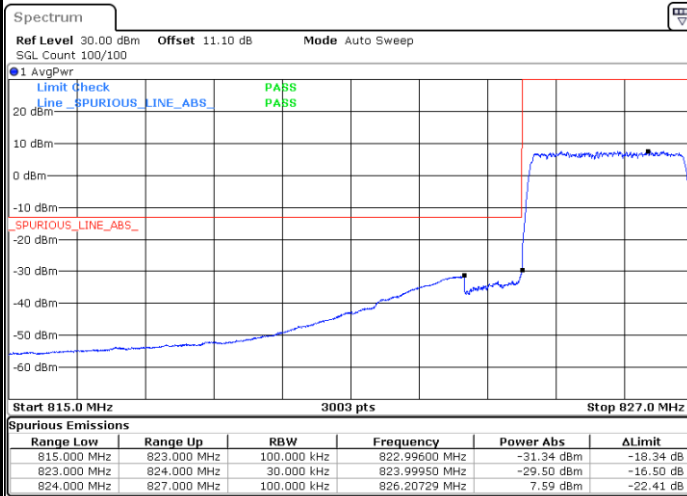
Date: 28.FEB.2022 15:09:57

Highest Band Edge / 1 RB



Date: 28.FEB.2022 15:12:31

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:10:51

Highest Band Edge / Full RB

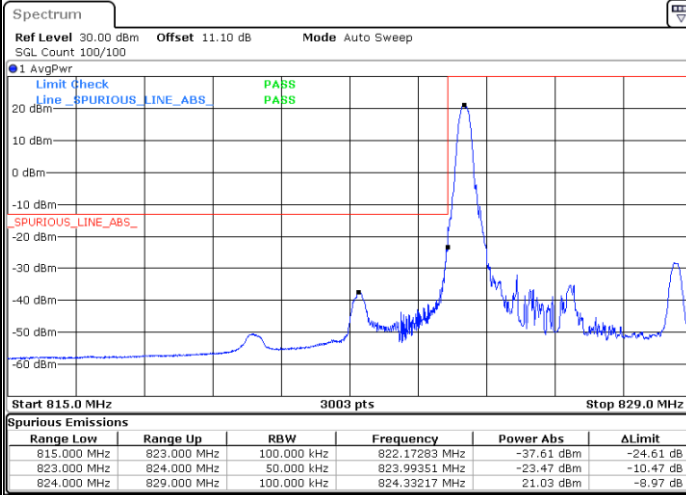


Date: 28.FEB.2022 15:13:26



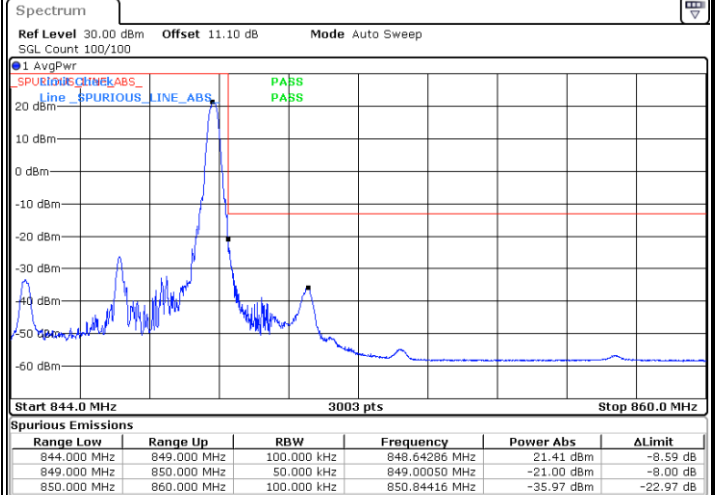
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



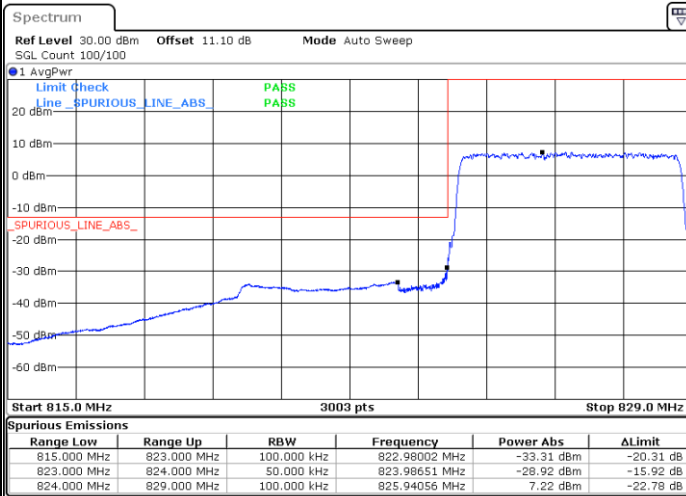
Date: 28.FEB.2022 15:18:04

Highest Band Edge / 1 RB



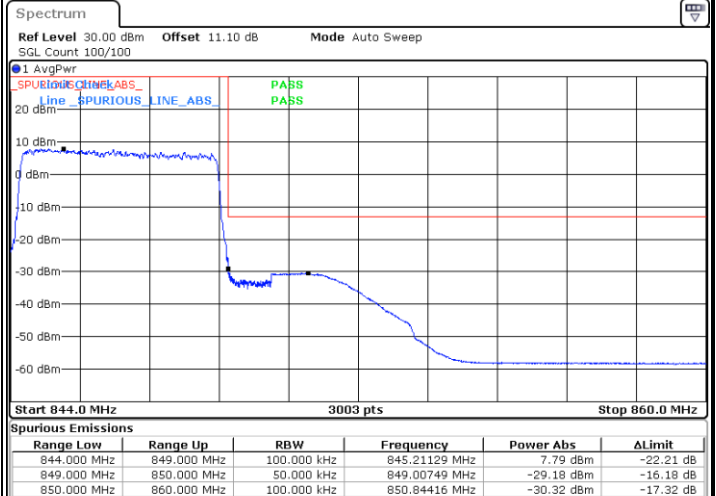
Date: 28.FEB.2022 15:27:14

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:21:58

Highest Band Edge / Full RB

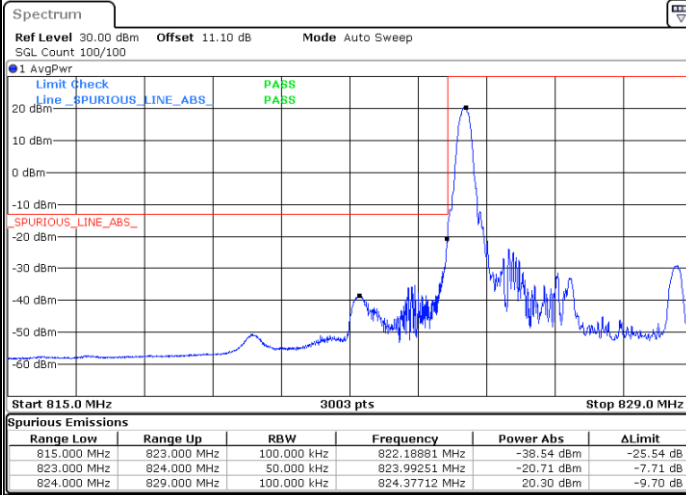


Date: 28.FEB.2022 15:29:01



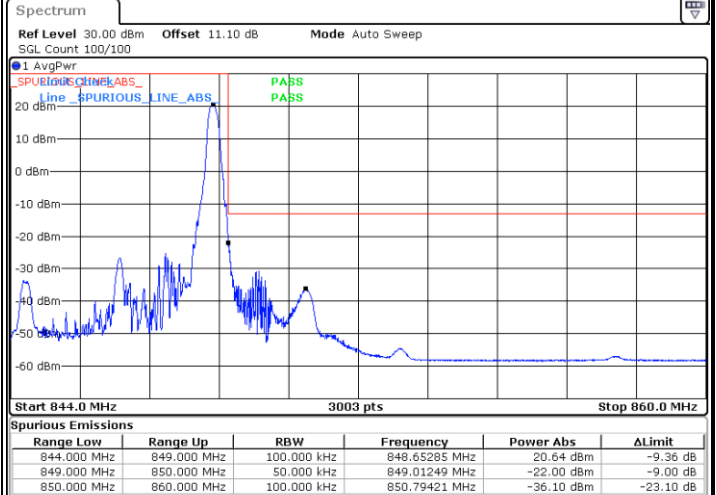
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



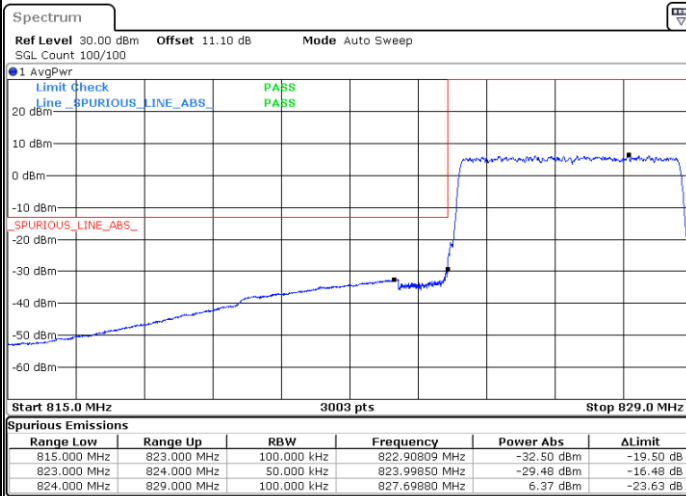
Date: 28.FEB.2022 15:18:57

Highest Band Edge / 1 RB



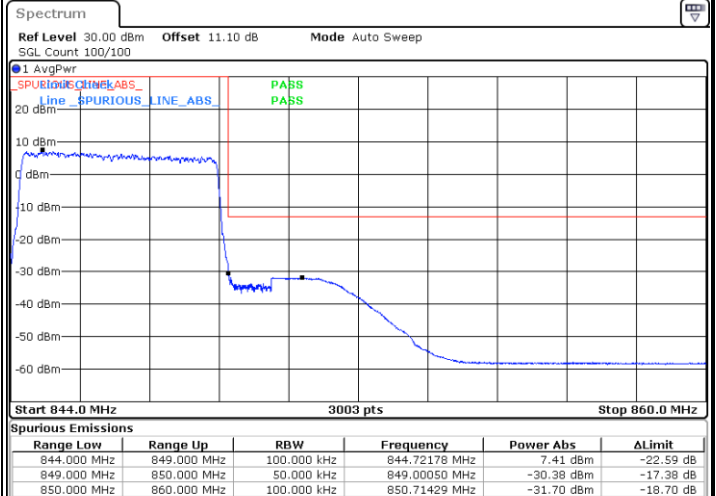
Date: 28.FEB.2022 15:28:08

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:22:51

Highest Band Edge / Full RB

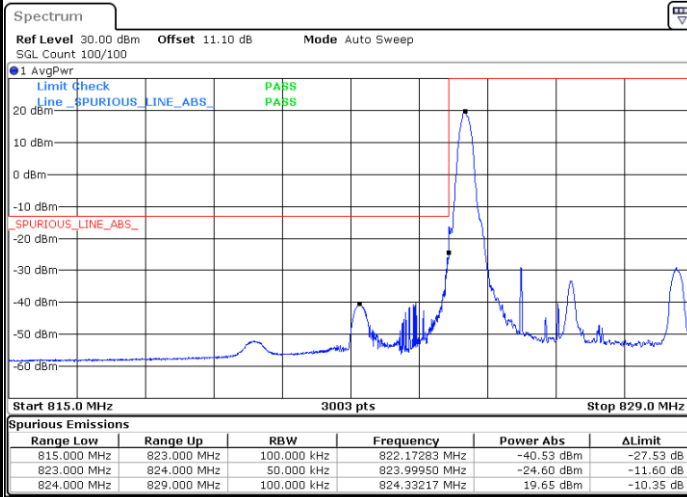


Date: 28.FEB.2022 15:29:55



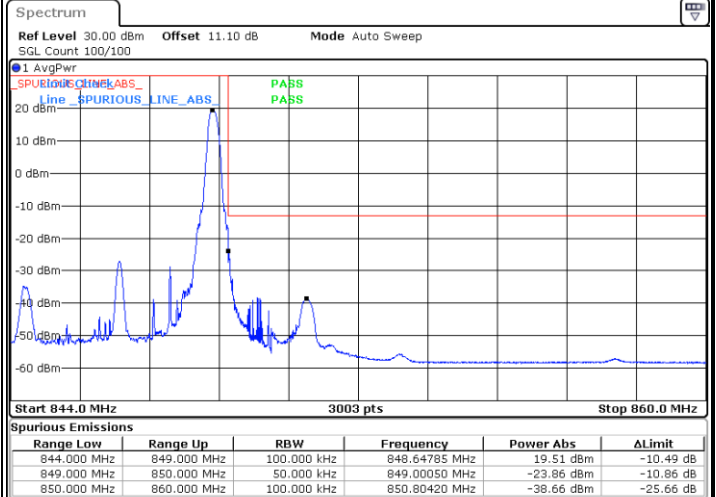
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



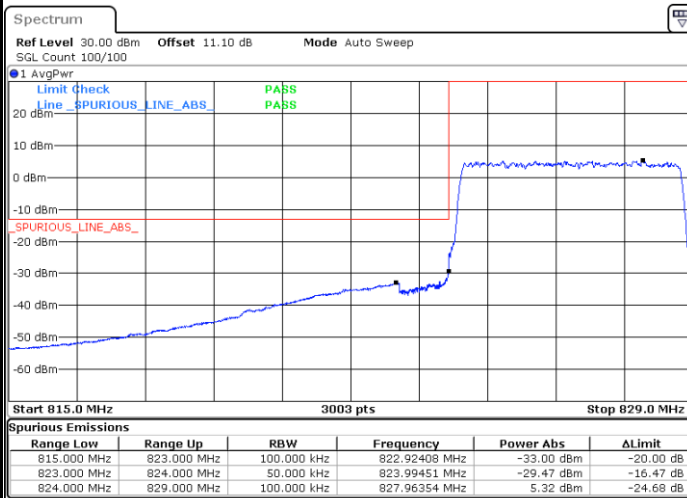
Date: 28.FEB.2022 15:31:46

Highest Band Edge / 1 RB



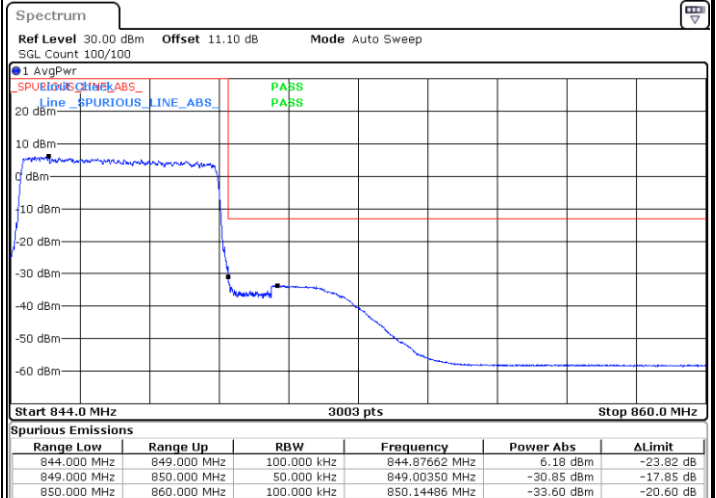
Date: 28.FEB.2022 15:34:21

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:32:40

Highest Band Edge / Full RB

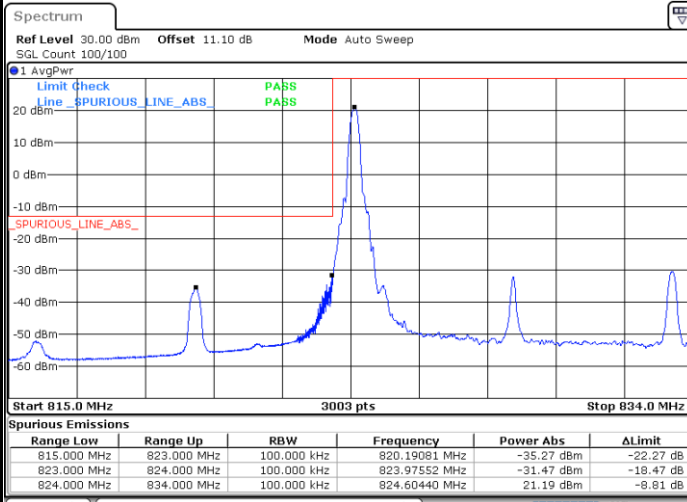


Date: 28.FEB.2022 15:35:14



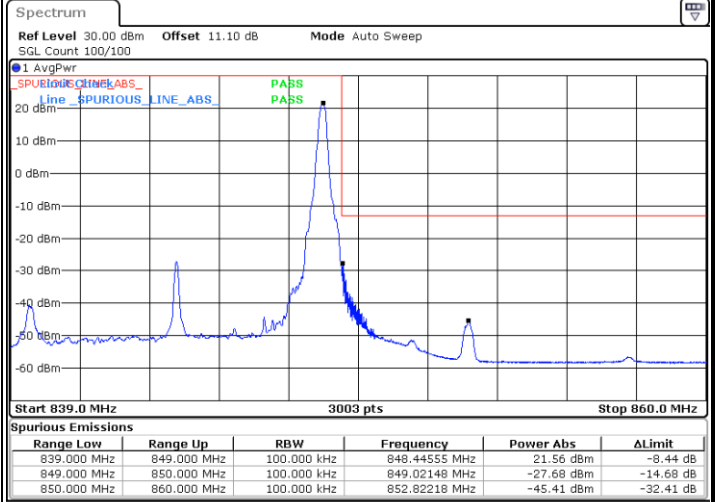
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



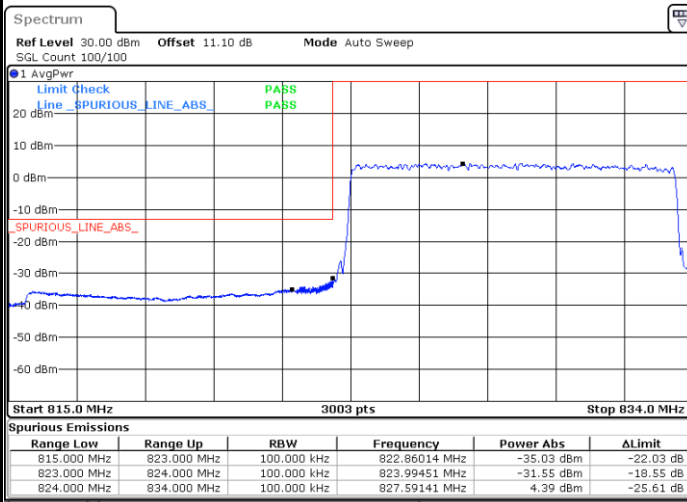
Date: 28.FEB.2022 15:36:08

Highest Band Edge / 1 RB



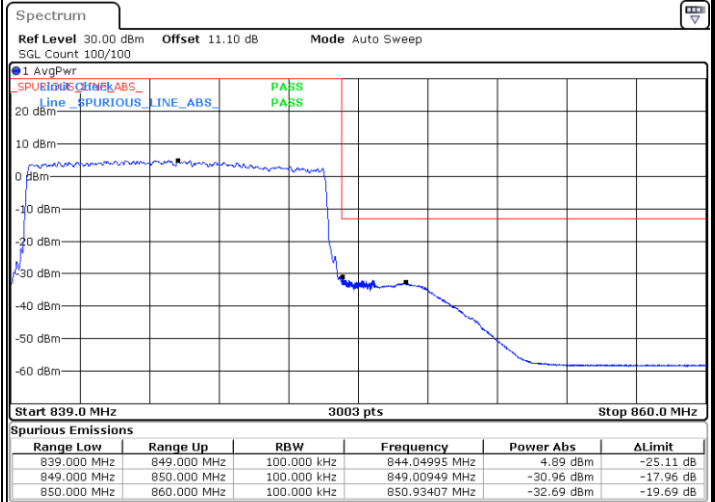
Date: 28.FEB.2022 15:43:16

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:38:00

Highest Band Edge / Full RB

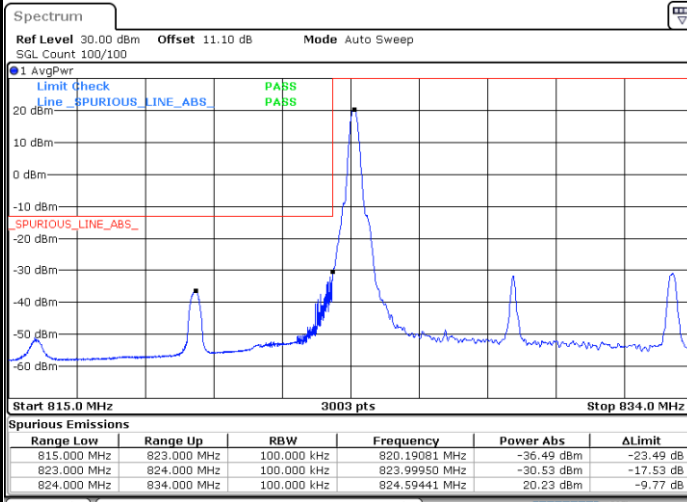


Date: 28.FEB.2022 15:45:03



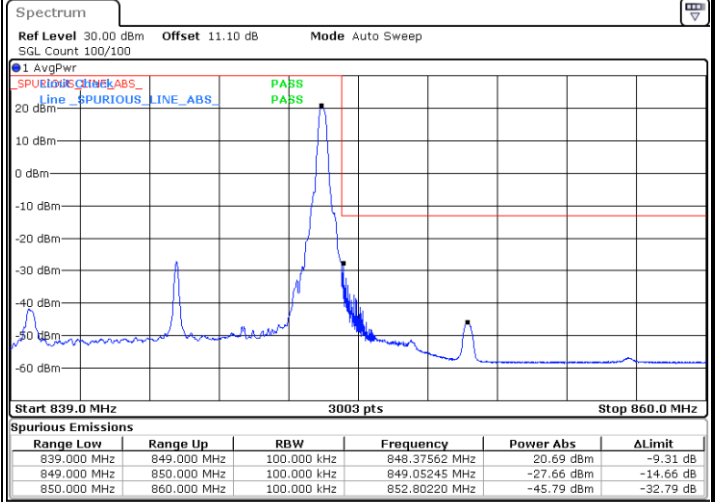
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



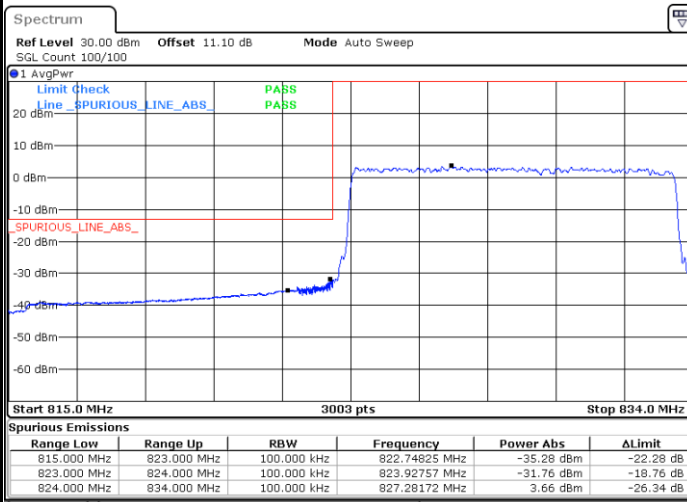
Date: 28.FEB.2022 15:37:03

Highest Band Edge / 1 RB



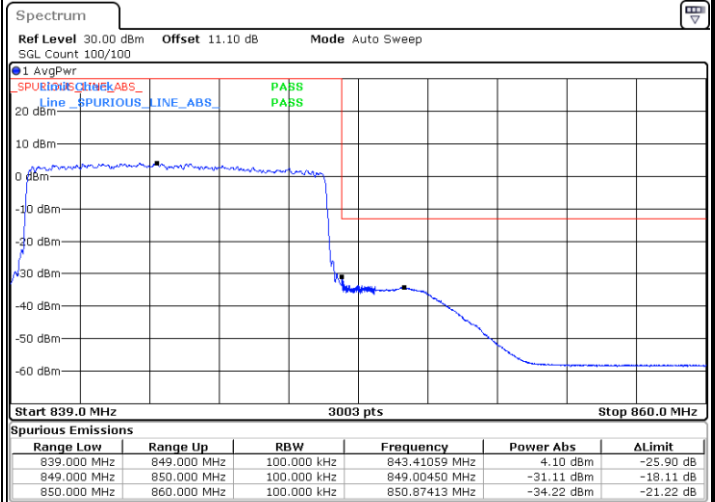
Date: 28.FEB.2022 15:44:09

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:38:53

Highest Band Edge / Full RB

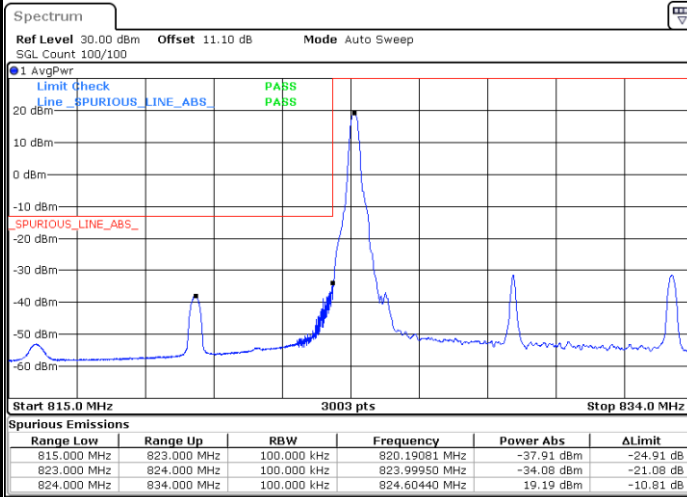


Date: 28.FEB.2022 15:45:57



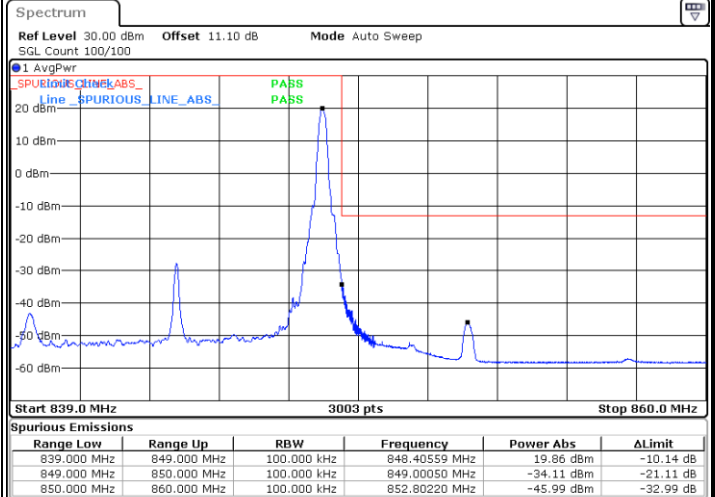
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



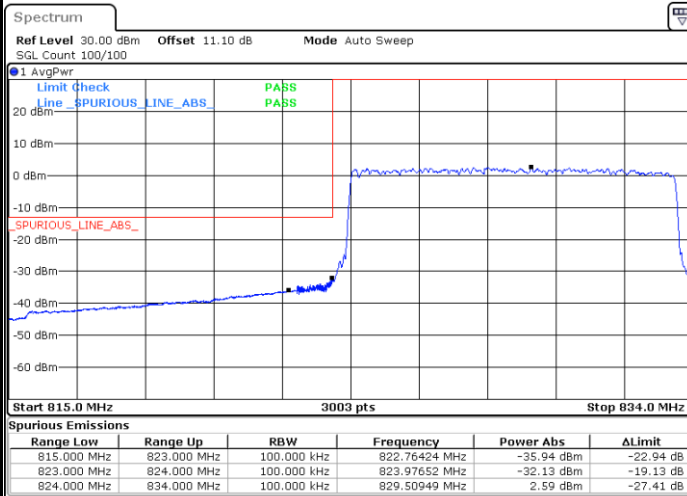
Date: 28.FEB.2022 15:47:48

Highest Band Edge / 1 RB



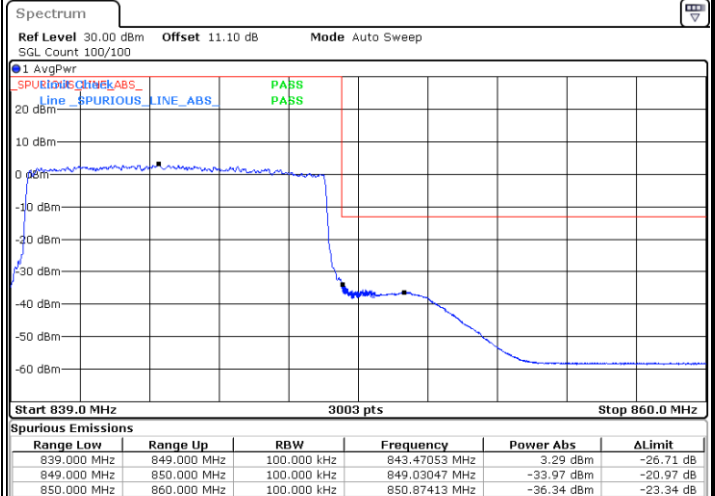
Date: 28.FEB.2022 15:50:23

Lowest Band Edge / Full RB



Date: 28.FEB.2022 15:48:43

Highest Band Edge / Full RB



Date: 28.FEB.2022 15:51:17

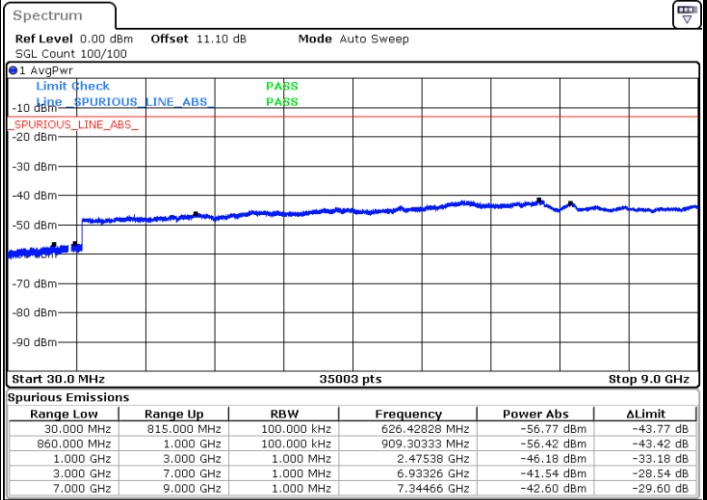
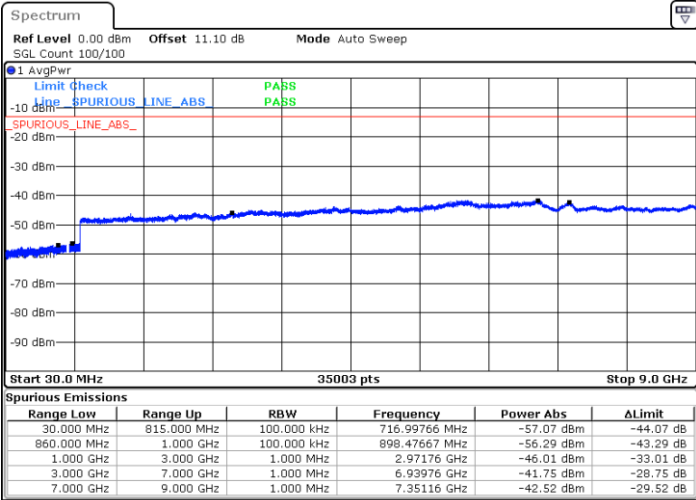


Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

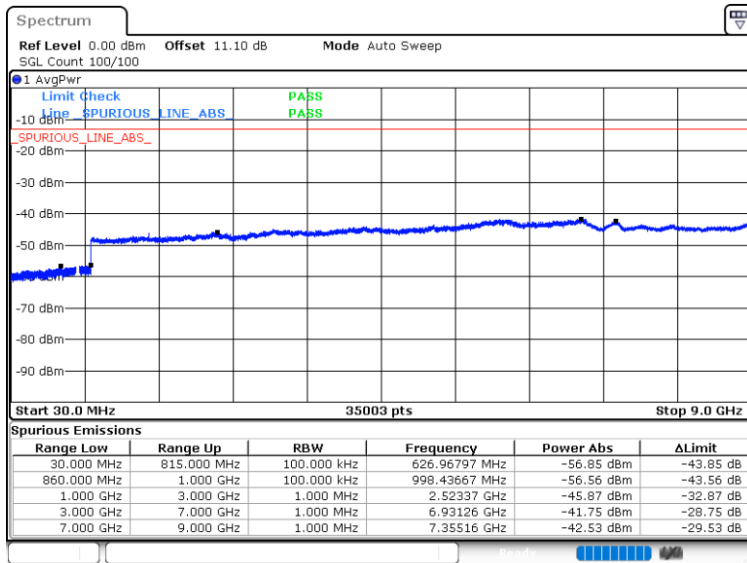
Middle Channel / QPSK



Date: 28.FEB.2022 13:56:05

Date: 28.FEB.2022 13:58:48

Highest Channel / QPSK



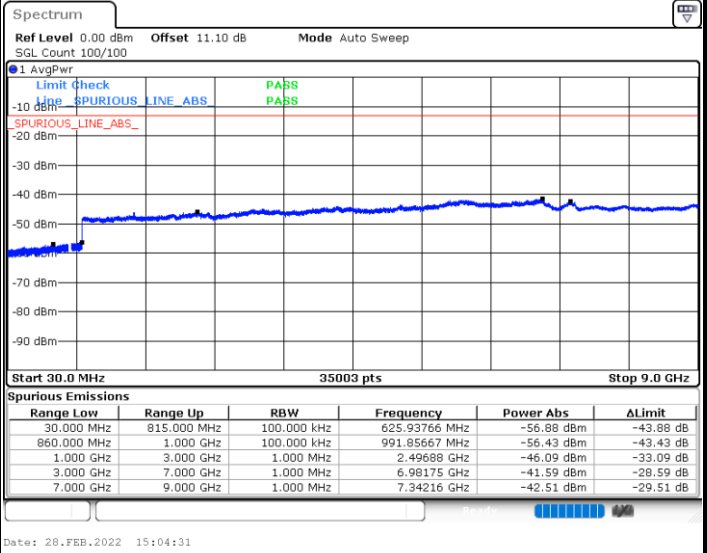
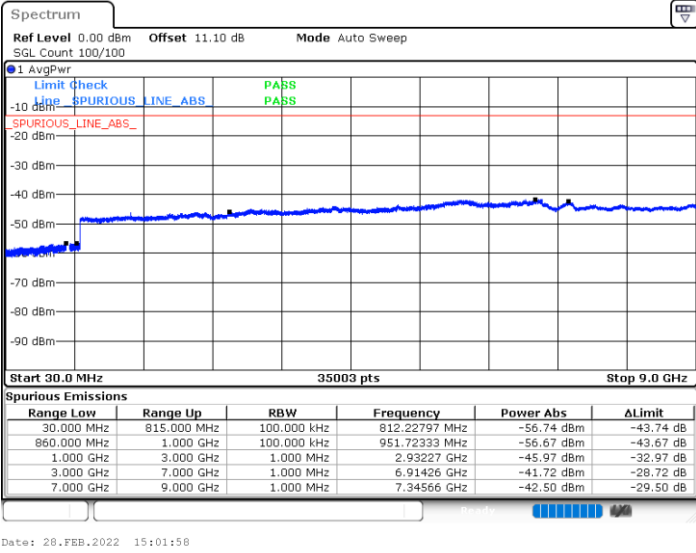
Date: 28.FEB.2022 14:03:32



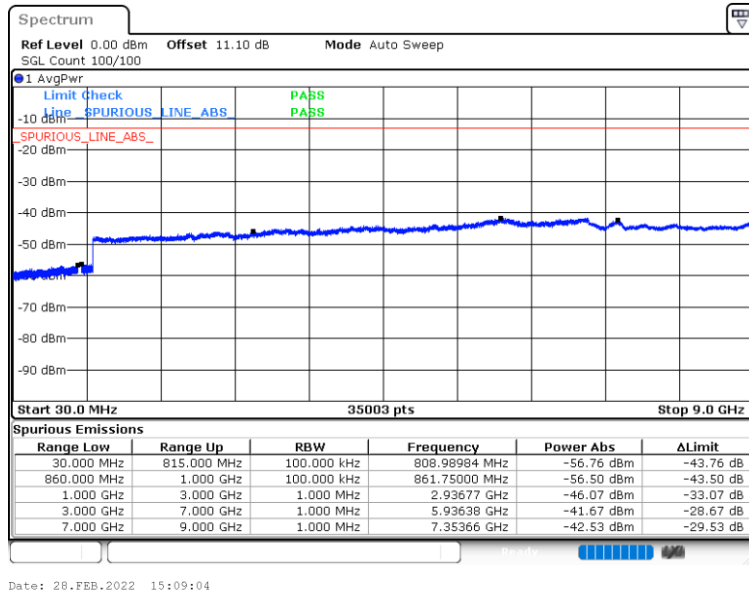
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

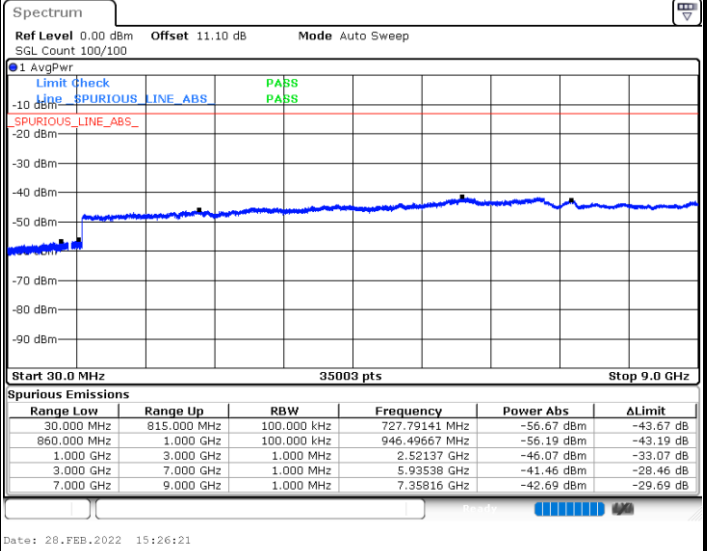
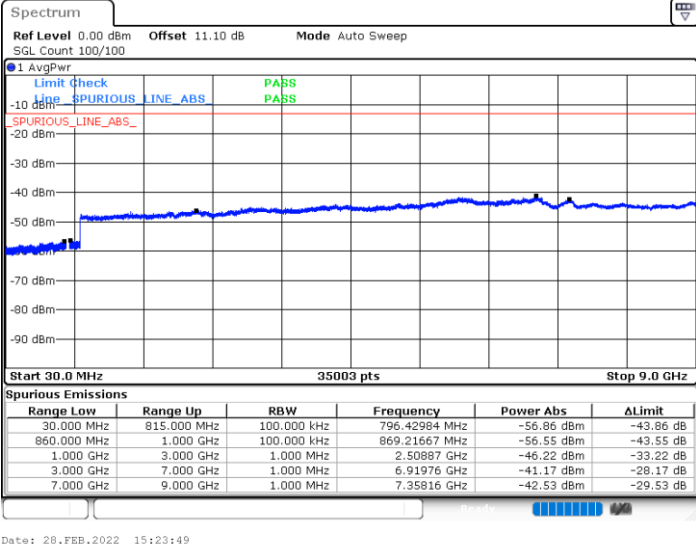




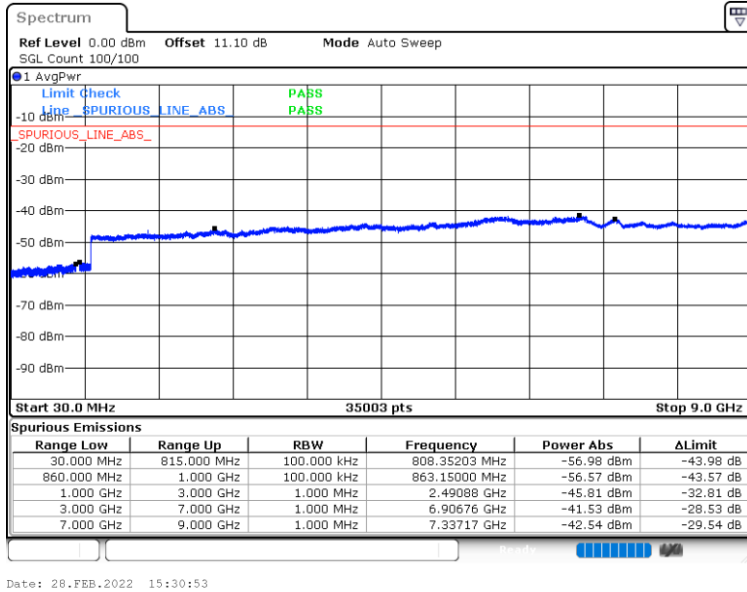
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

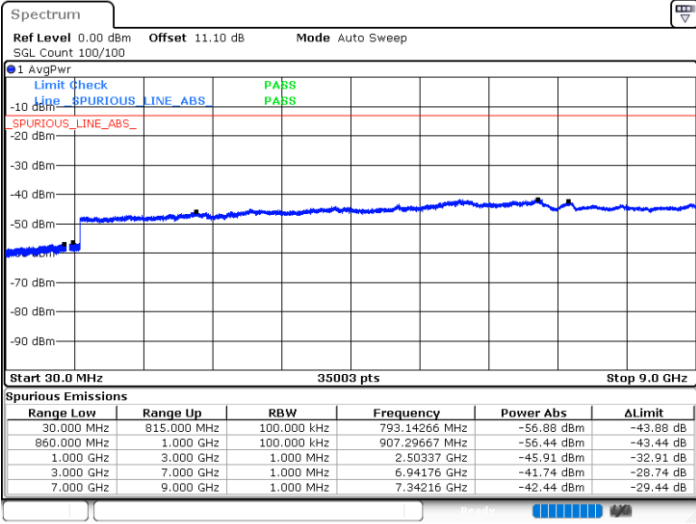




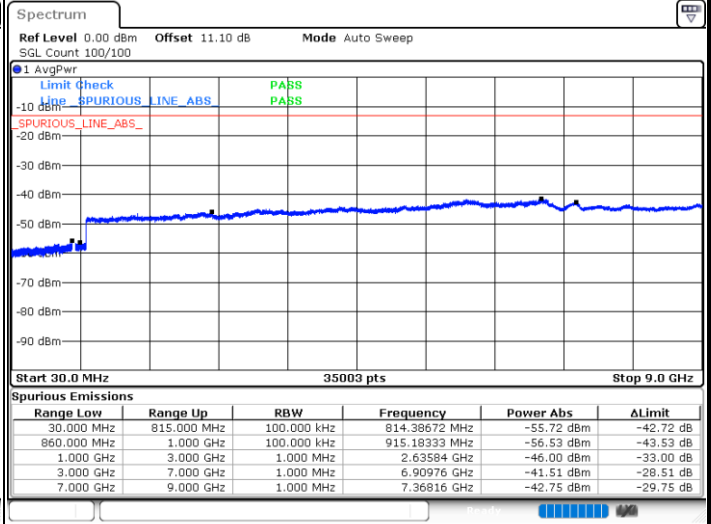
LTE Band 5 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

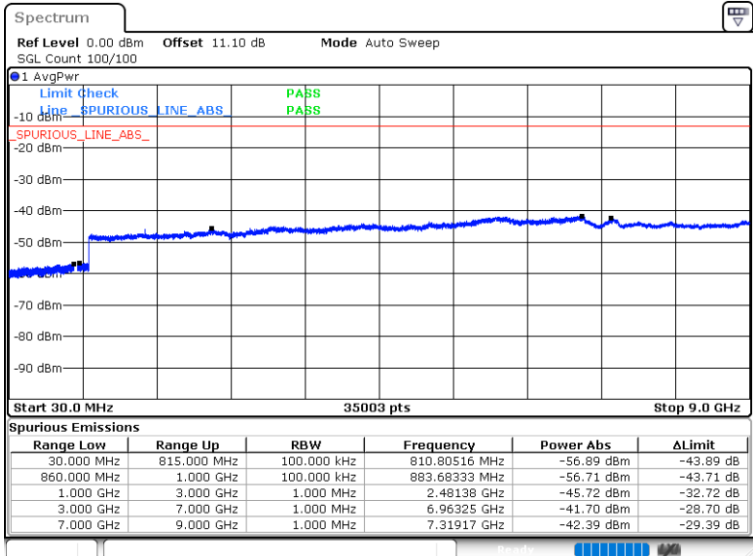


Date: 28.FEB.2022 15:39:51



Date: 28.FEB.2022 15:42:23

Highest Channel / QPSK



Date: 28.FEB.2022 15:46:55



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0129	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0134	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0114	
-20	Normal Voltage	0.0068	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0104	
20	Battery End Point	0.0012	

Note:

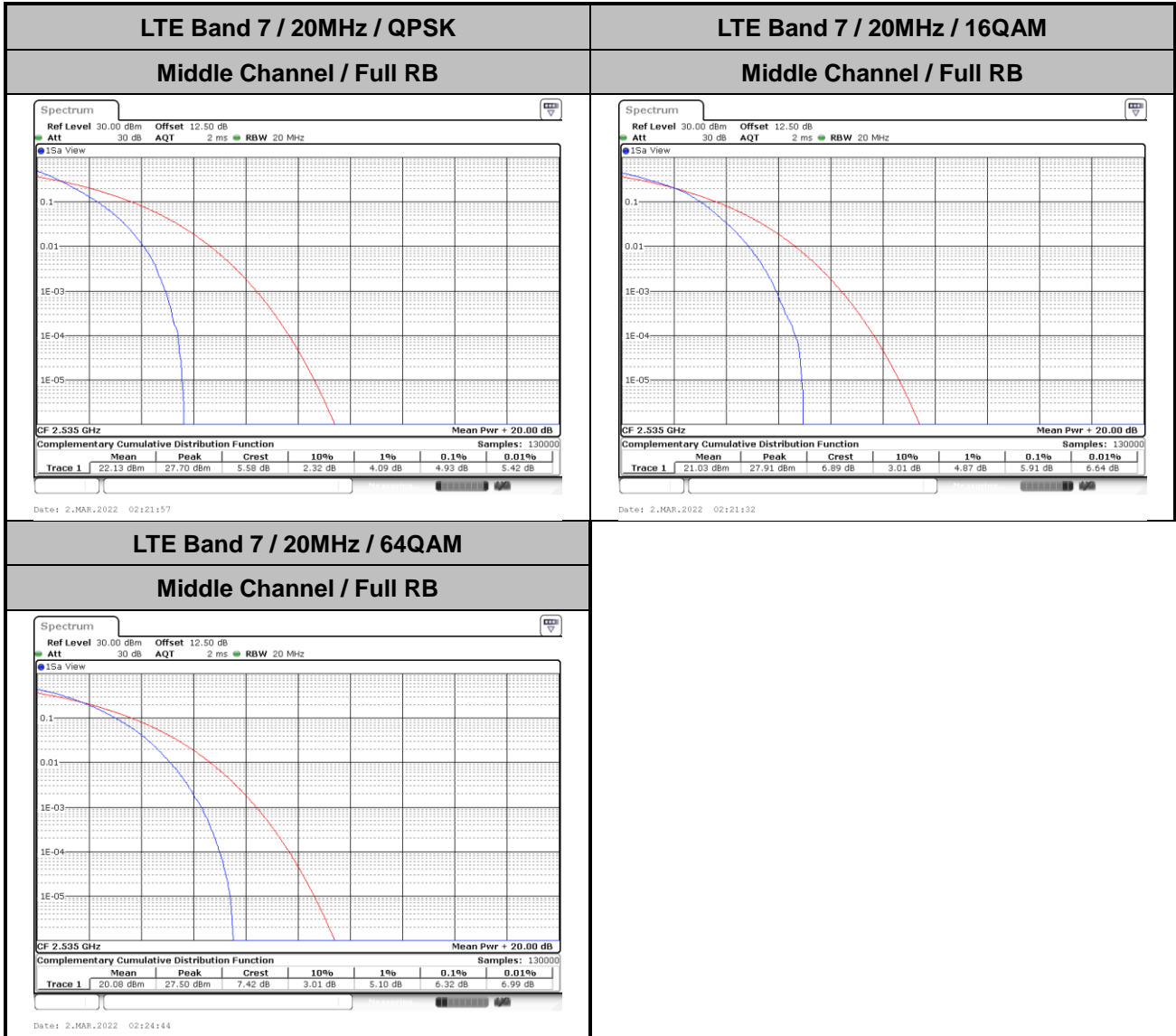
- 1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.91	6.32	-	PASS





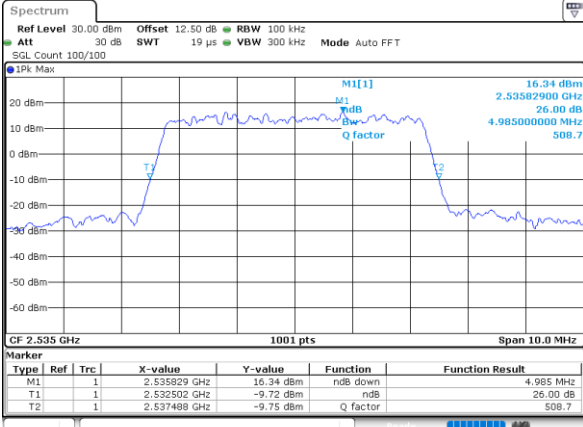
26dB Bandwidth

Mode	LTE Band 7 : 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	-	-	-	-	4.99	4.94	9.83	9.85	14.27	14.33	18.86	19.06
Mode	LTE Band 7 : 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	-	-	-	-	4.82	-	9.91	-	14.36	-	19.02	-



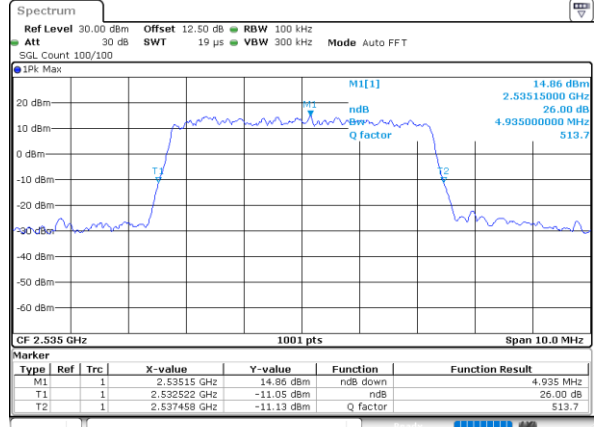
LTE Band 7

Middle Channel / 5MHz / QPSK



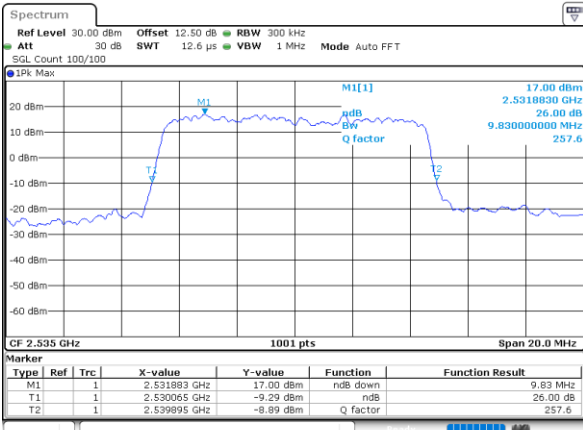
Date: 2,MAR,2022 01:22:103

Middle Channel / 5MHz / 16QAM



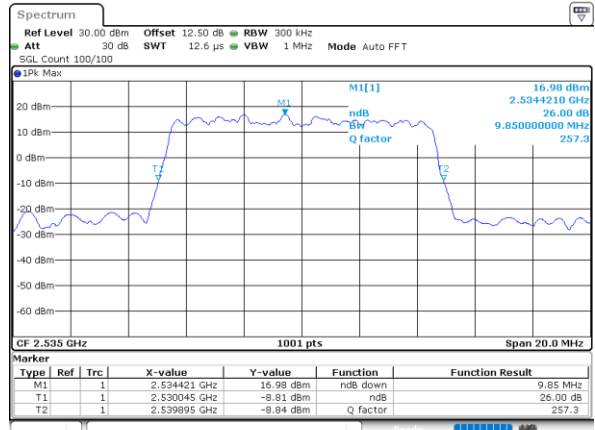
Date: 2,MAR,2022 01:22:27

Middle Channel / 10MHz / QPSK



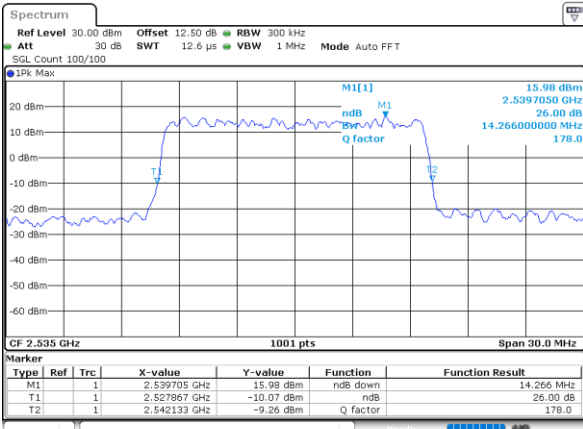
Date: 2,MAR,2022 01:38:113

Middle Channel / 10MHz / 16QAM



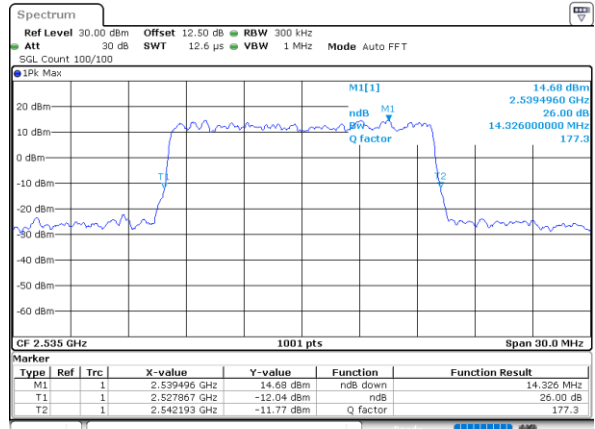
Date: 2,MAR,2022 01:38:37

Middle Channel / 15MHz / QPSK



Date: 2,MAR,2022 01:54:228

Middle Channel / 15MHz / 16QAM

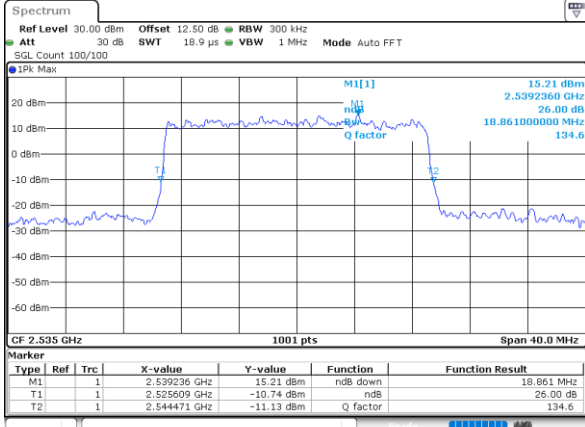


Date: 2,MAR,2022 01:54:51



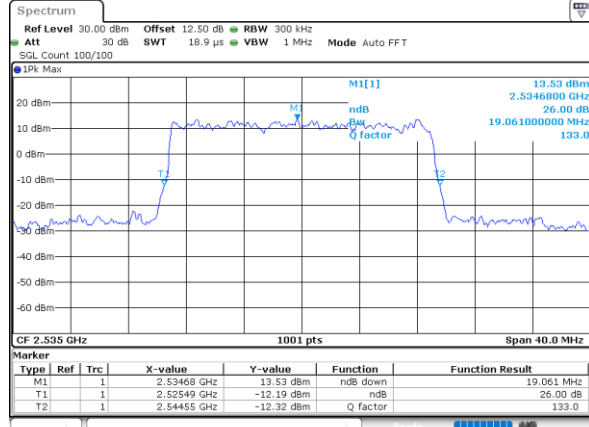
LTE Band 7

Middle Channel / 20MHz / QPSK



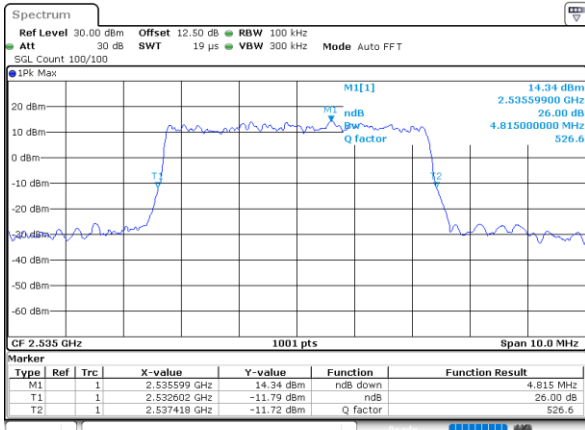
Date: 2,MAR,2022 02:10:42

Middle Channel / 20MHz / 16QAM



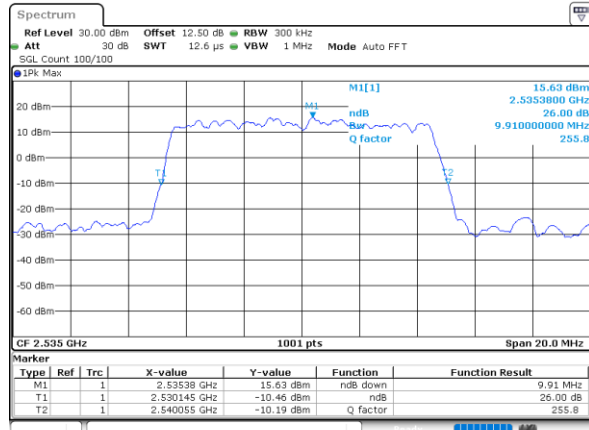
Date: 2,MAR,2022 02:11:06

Middle Channel / 5MHz / 64QAM



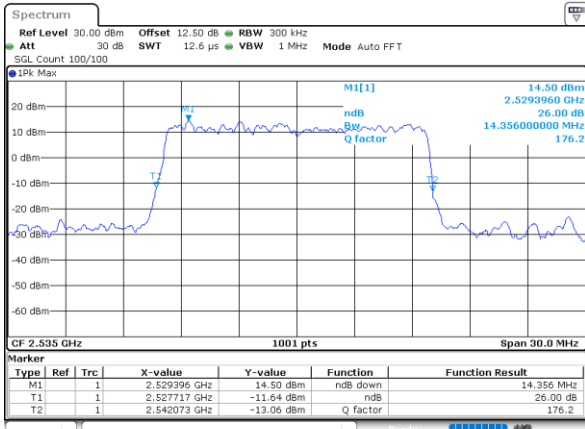
Date: 2,MAR,2022 01:30:38

Middle Channel / 10MHz / 64QAM



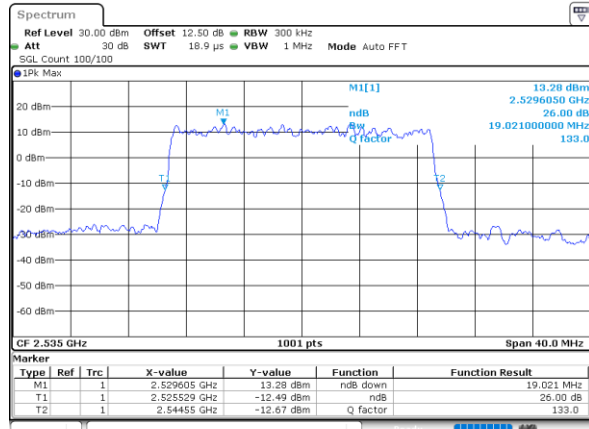
Date: 2,MAR,2022 01:46:50

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 02:10:105

Middle Channel / 20MHz / 64QAM



Date: 2,MAR,2022 02:19:20



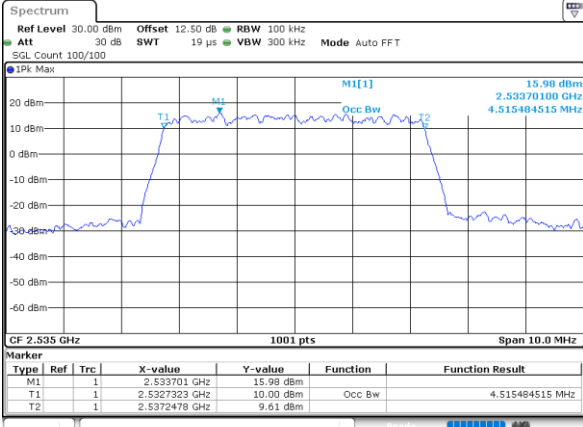
Occupied Bandwidth

Mode	LTE Band 7 : 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	4.51	9.07	8.99	13.40	13.49	17.86	17.86
Mode	LTE Band 7 : 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	-	-	-	-	4.50	-	8.95	-	13.40	-	17.82	-



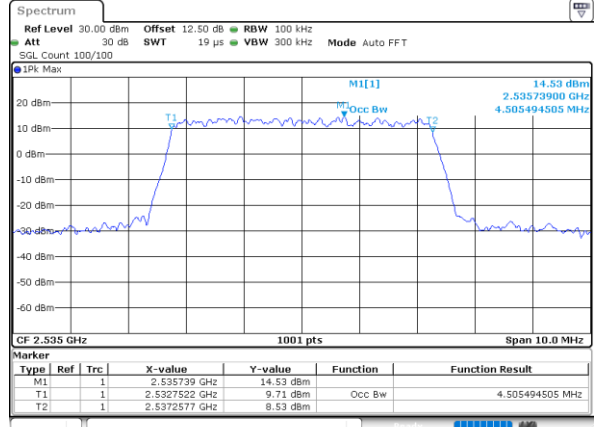
LTE Band 7

Middle Channel / 5MHz / QPSK



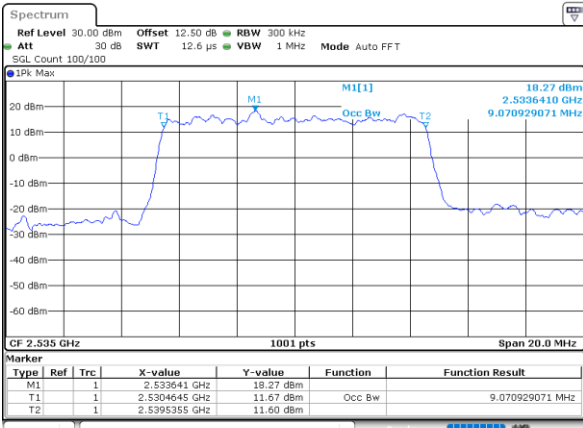
Date: 2,MAR,2022 01:21:16

Middle Channel / 5MHz / 16QAM



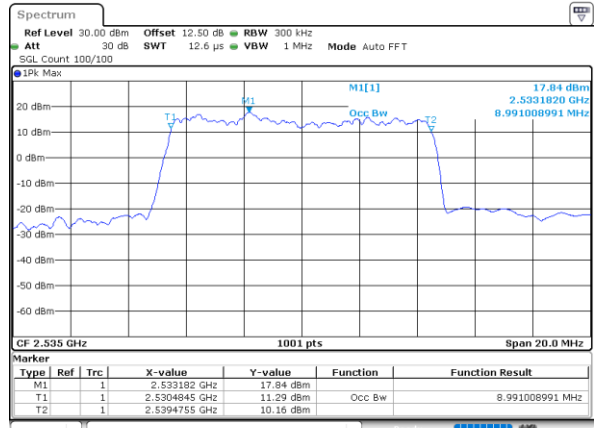
Date: 2,MAR,2022 01:21:40

Middle Channel / 10MHz / QPSK



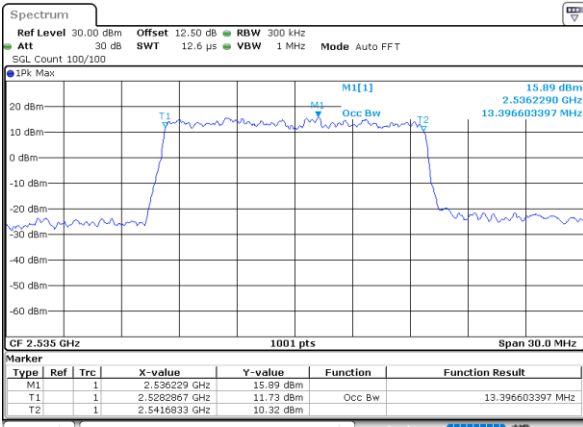
Date: 2,MAR,2022 01:37:27

Middle Channel / 10MHz / 16QAM



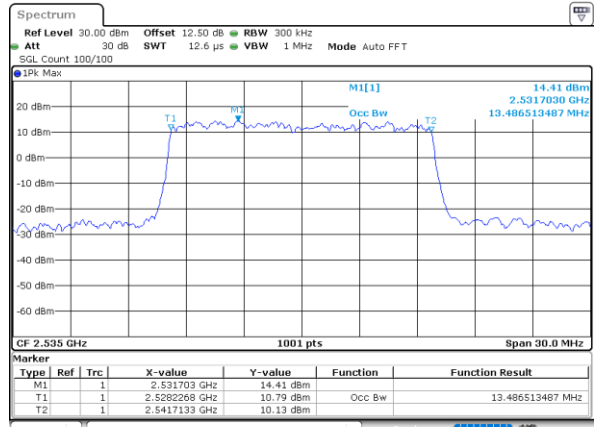
Date: 2,MAR,2022 01:37:50

Middle Channel / 15MHz / QPSK



Date: 2,MAR,2022 01:53:41

Middle Channel / 15MHz / 16QAM

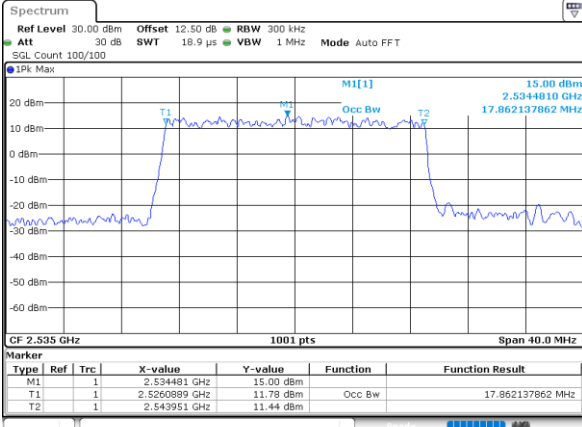


Date: 2,MAR,2022 01:54:04



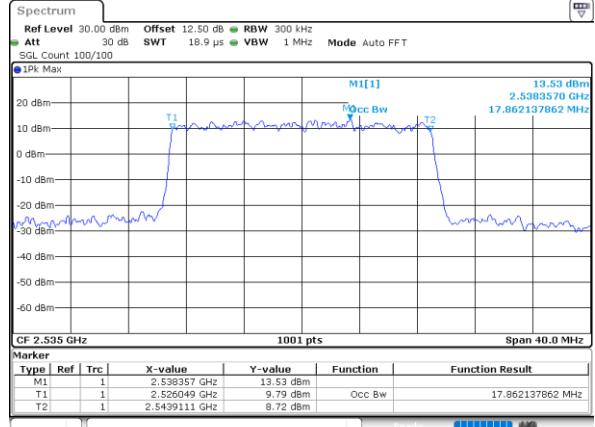
LTE Band 7

Middle Channel / 20MHz / QPSK



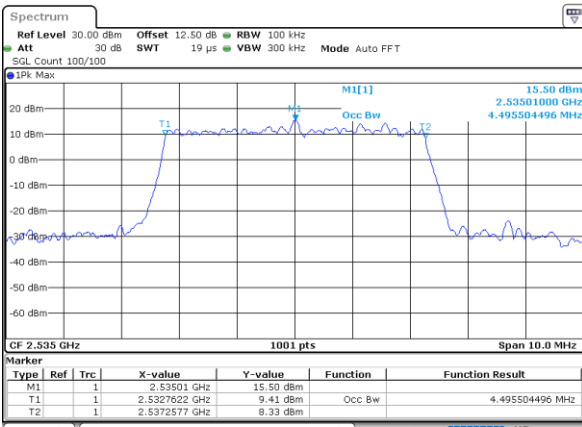
Date: 2,MAR,2022 02:10:55

Middle Channel / 20MHz / 16QAM



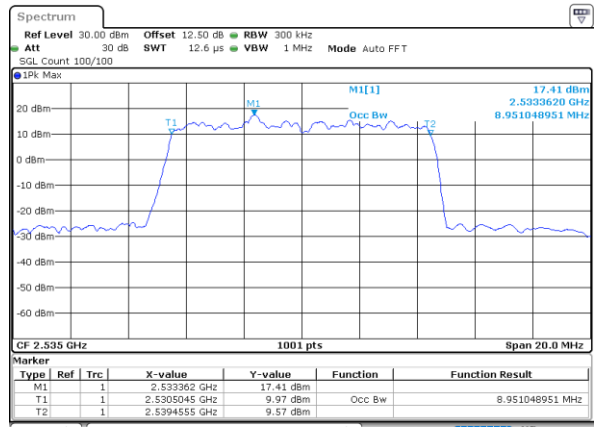
Date: 2,MAR,2022 02:10:19

Middle Channel / 5MHz / 64QAM



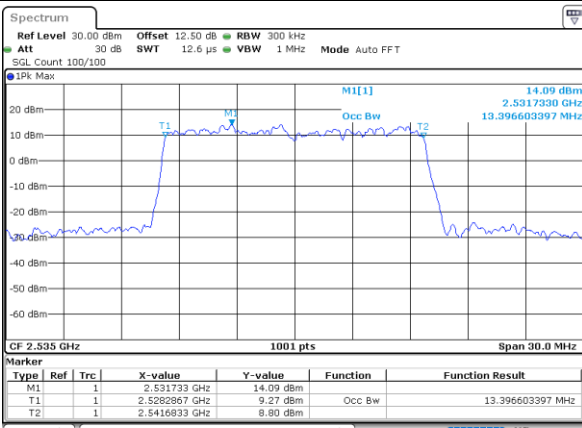
Date: 2,MAR,2022 01:10:15

Middle Channel / 10MHz / 64QAM



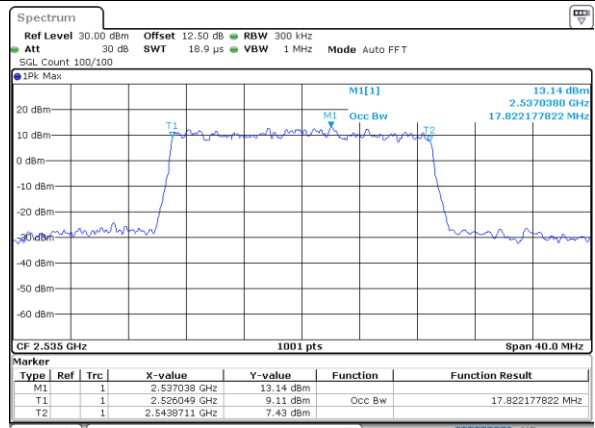
Date: 2,MAR,2022 01:46:26

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 02:10:242

Middle Channel / 20MHz / 64QAM



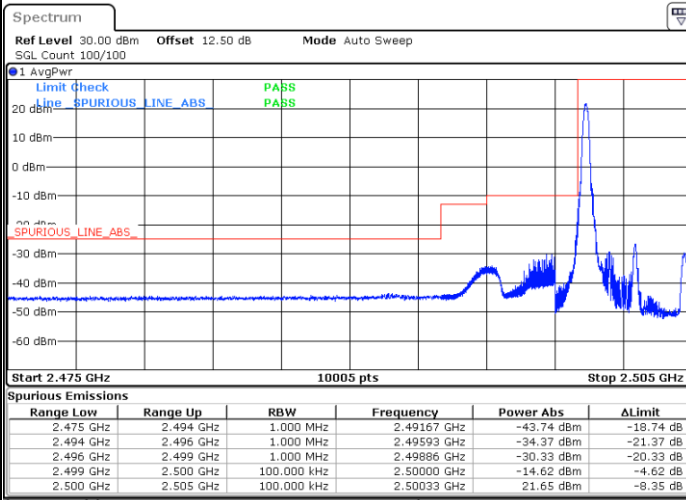
Date: 2,MAR,2022 02:18:56



Conducted Band Edge

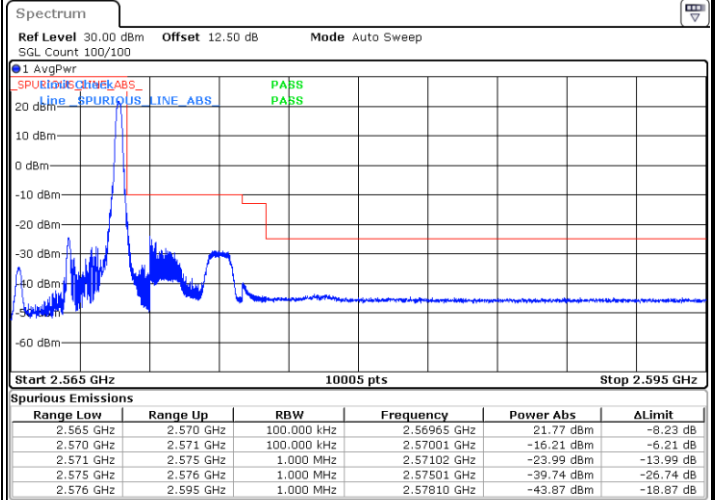
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



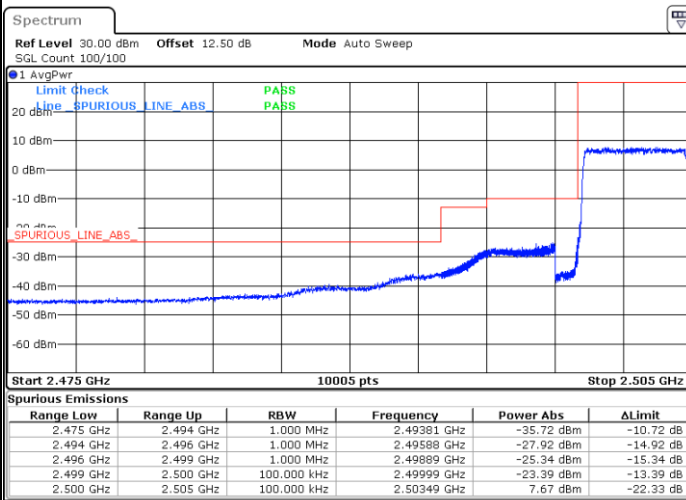
Date: 2.MAR.2022 01:17:08

Highest Band Edge / 1 RB



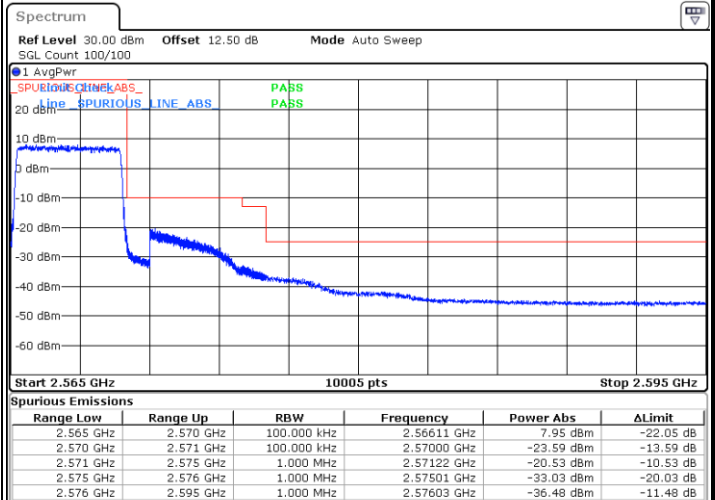
Date: 2.MAR.2022 01:24:21

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:18:56

Highest Band Edge / Full RB

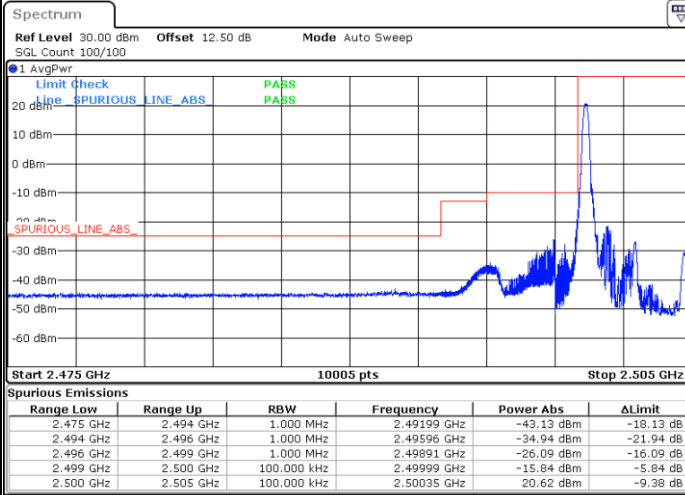


Date: 2.MAR.2022 01:26:08



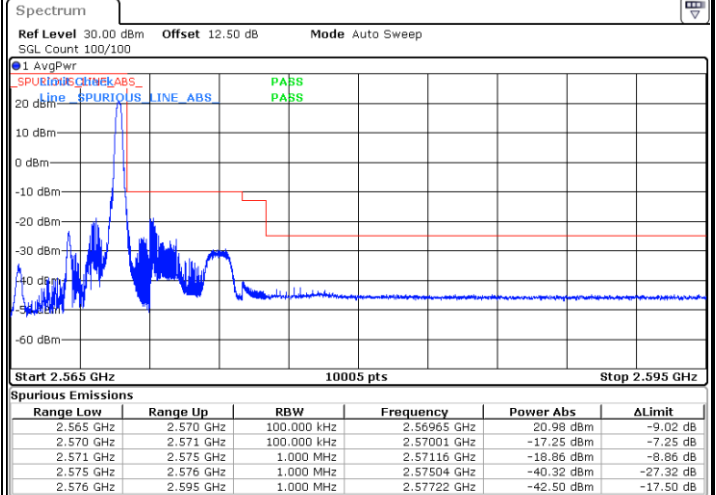
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



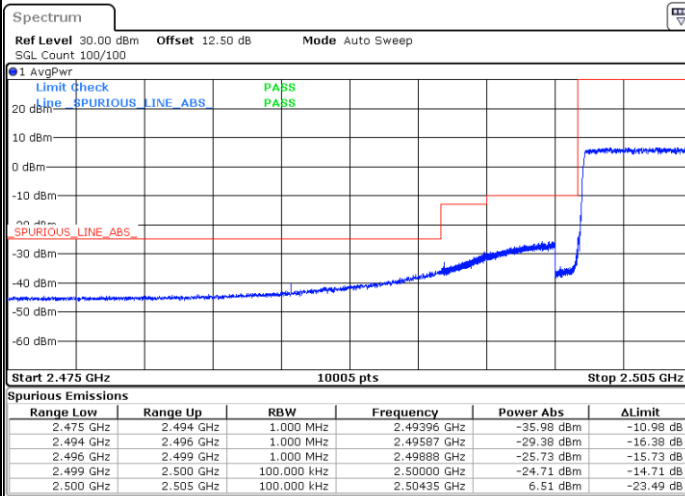
Date: 2.MAR.2022 01:18:02

Highest Band Edge / 1 RB



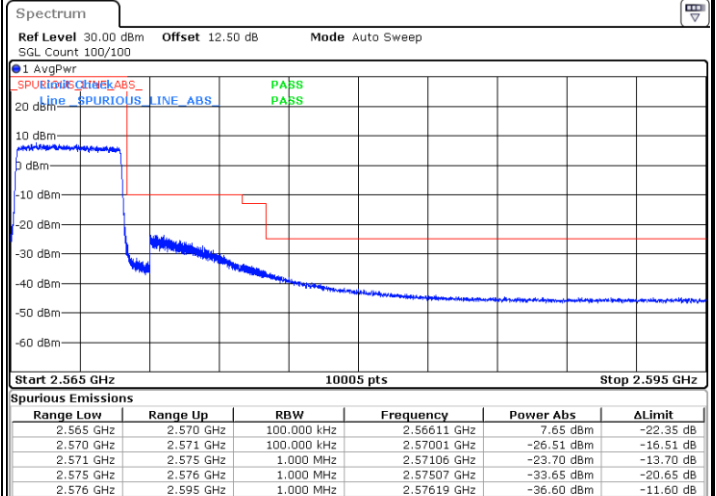
Date: 2.MAR.2022 01:25:14

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:19:49

Highest Band Edge / Full RB

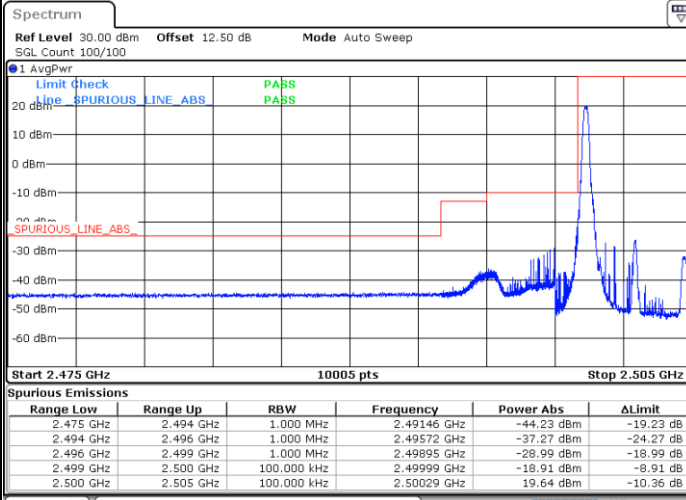


Date: 2.MAR.2022 01:27:01



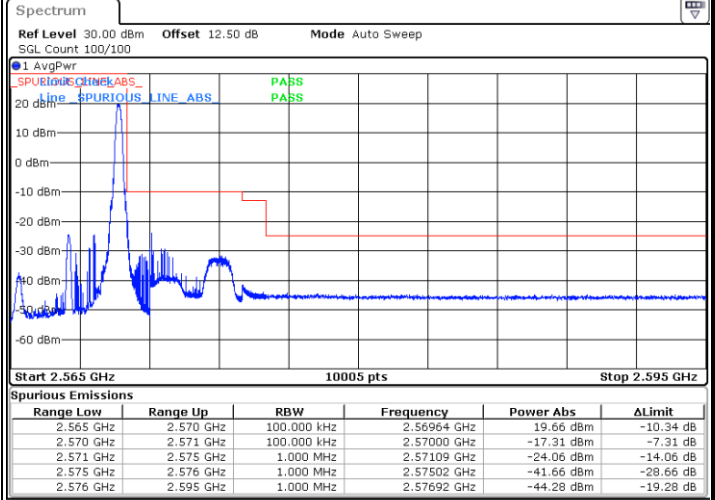
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



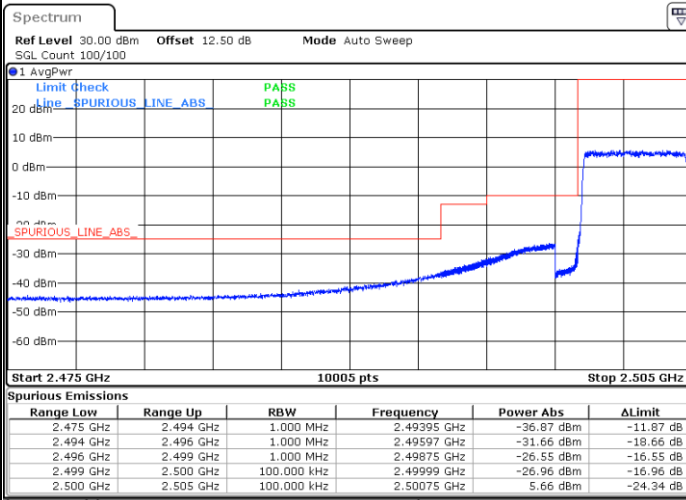
Date: 2.MAR.2022 01:28:57

Highest Band Edge / 1 RB



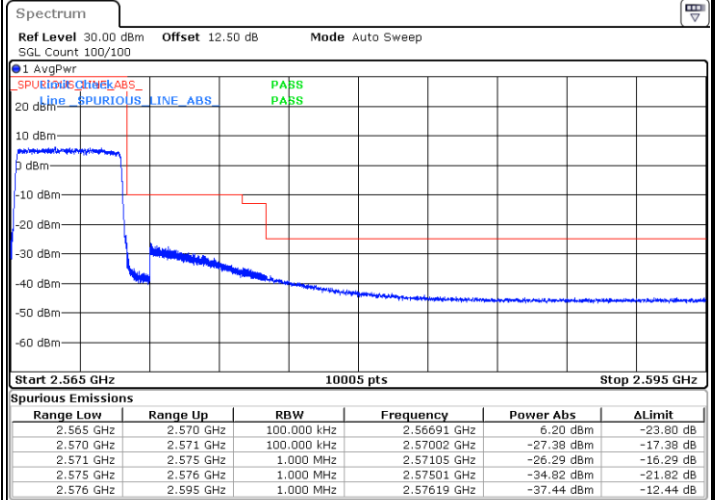
Date: 2.MAR.2022 01:31:31

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:29:51

Highest Band Edge / Full RB

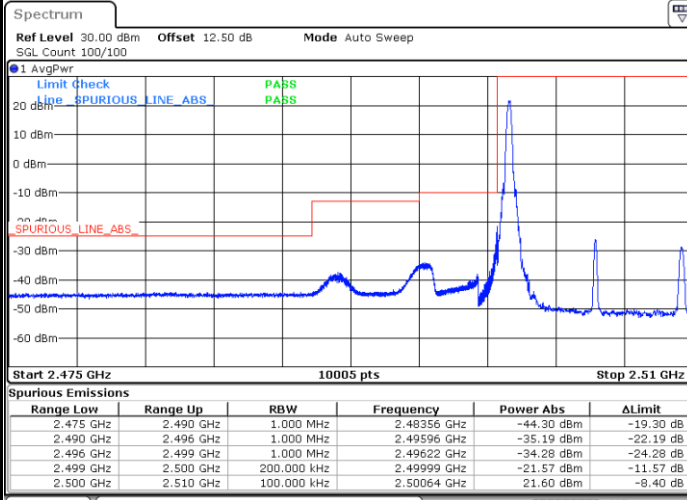


Date: 2.MAR.2022 01:32:25



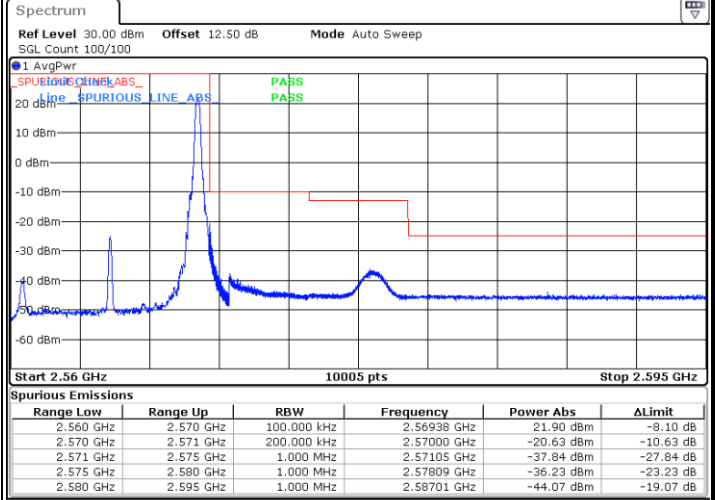
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



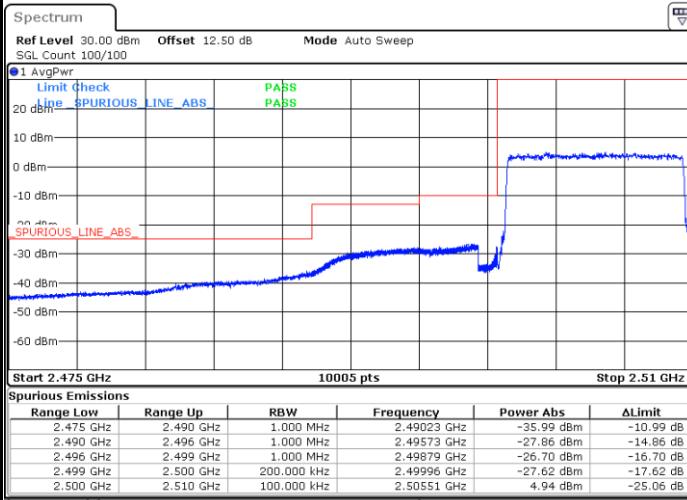
Date: 2.MAR.2022 01:33:20

Highest Band Edge / 1 RB



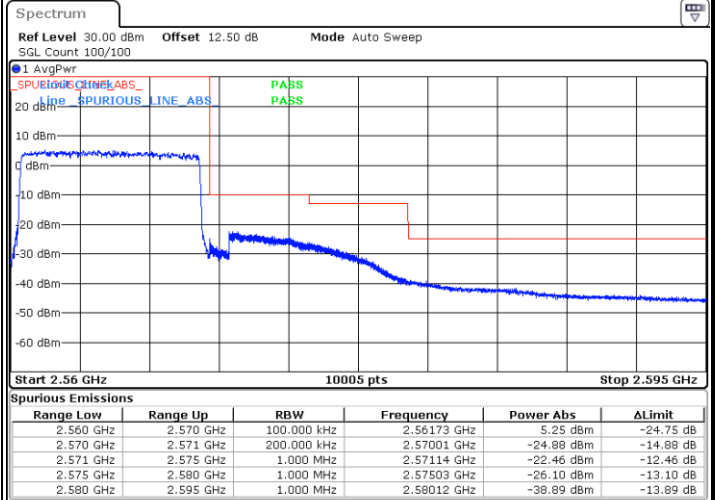
Date: 2.MAR.2022 01:40:31

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:35:07

Highest Band Edge / Full RB

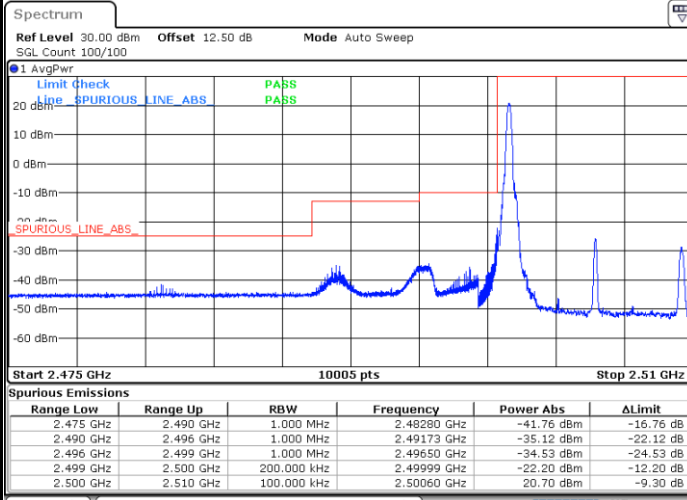


Date: 2.MAR.2022 01:42:20



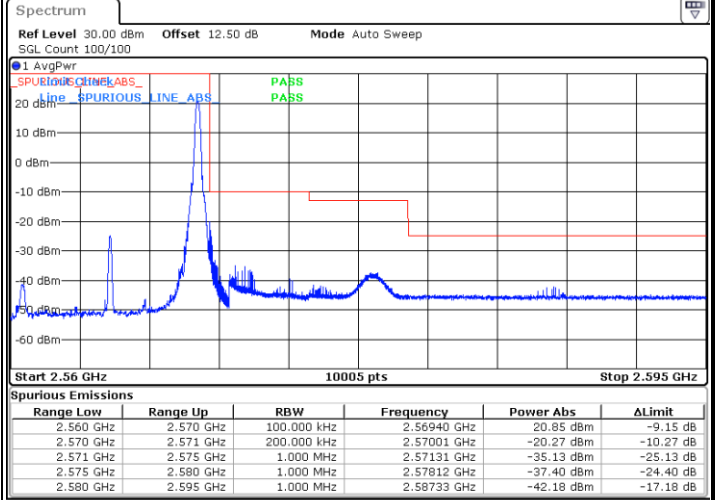
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



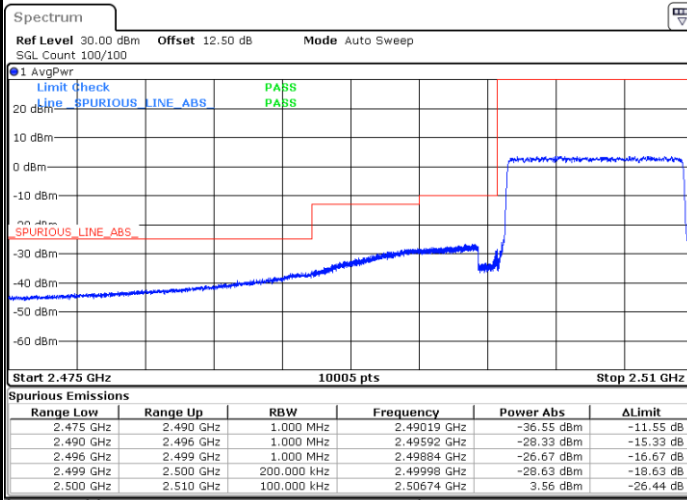
Date: 2.MAR.2022 01:34:13

Highest Band Edge / 1 RB



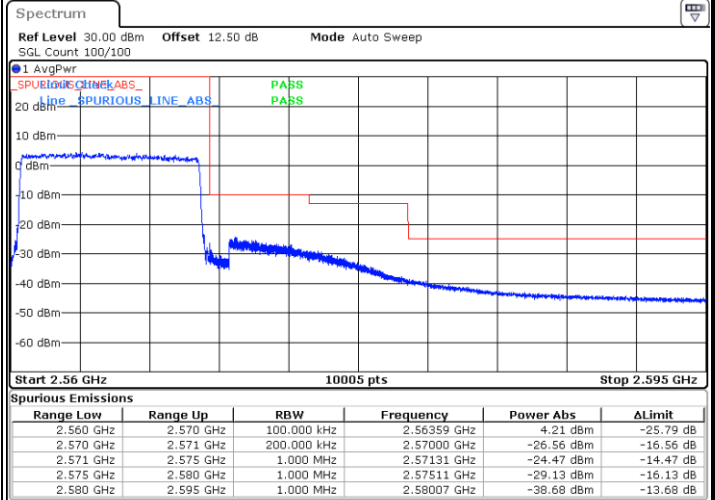
Date: 2.MAR.2022 01:41:25

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:36:00

Highest Band Edge / Full RB

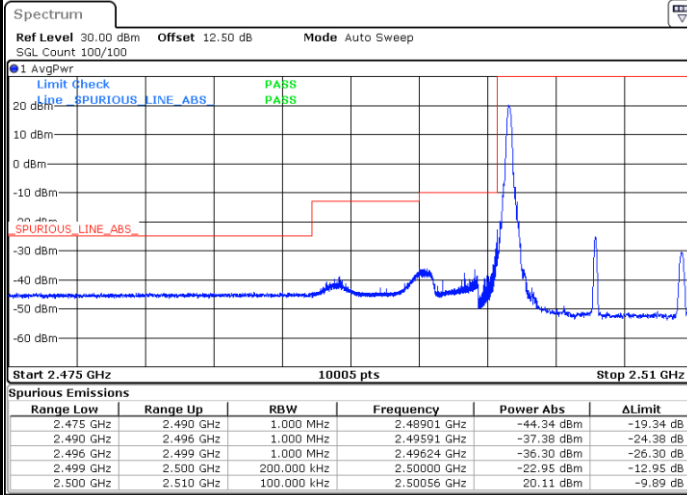


Date: 2.MAR.2022 01:43:13



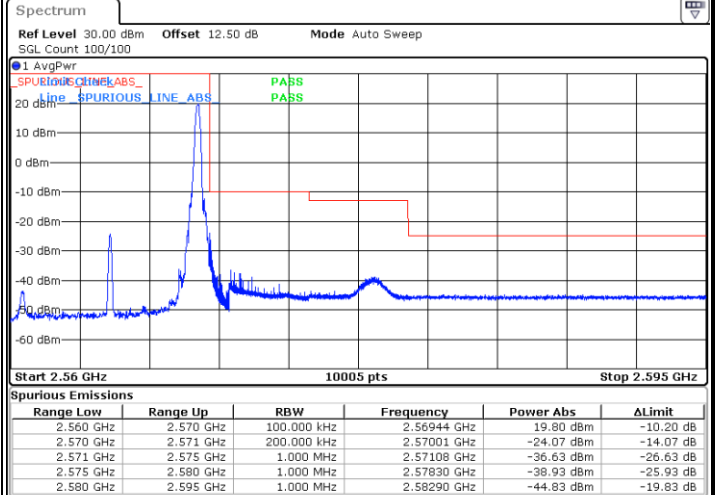
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



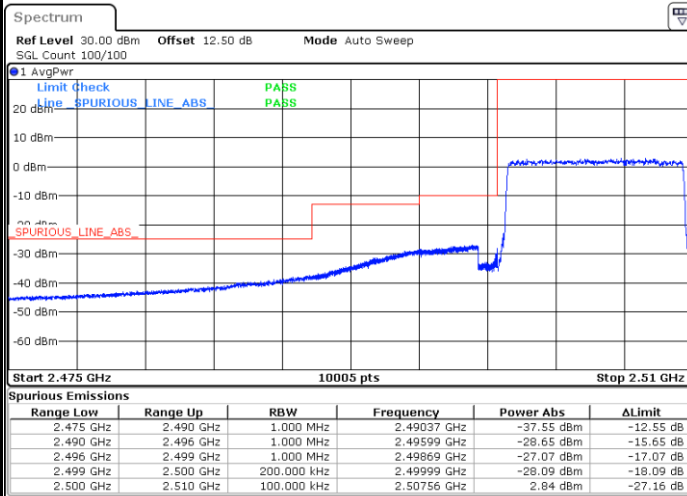
Date: 2.MAR.2022 01:45:09

Highest Band Edge / 1 RB



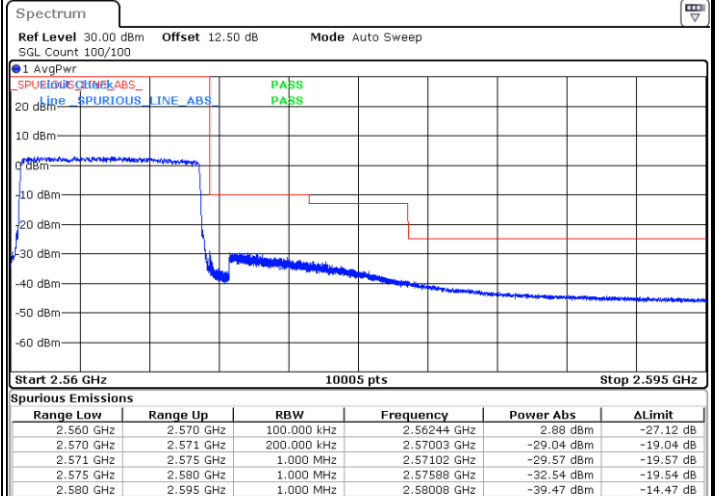
Date: 2.MAR.2022 01:47:43

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:46:02

Highest Band Edge / Full RB

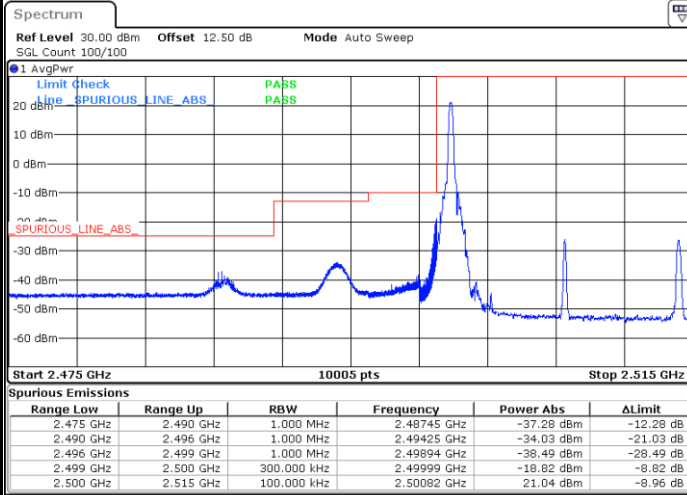


Date: 2.MAR.2022 01:48:36



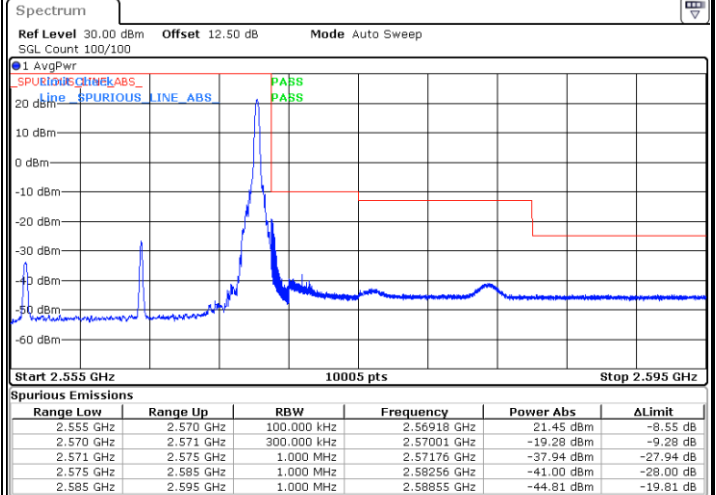
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



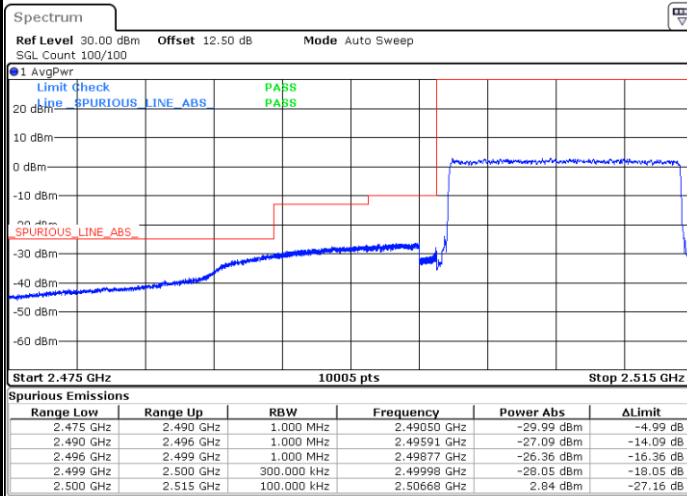
Date: 2.MAR.2022 01:49:32

Highest Band Edge / 1 RB



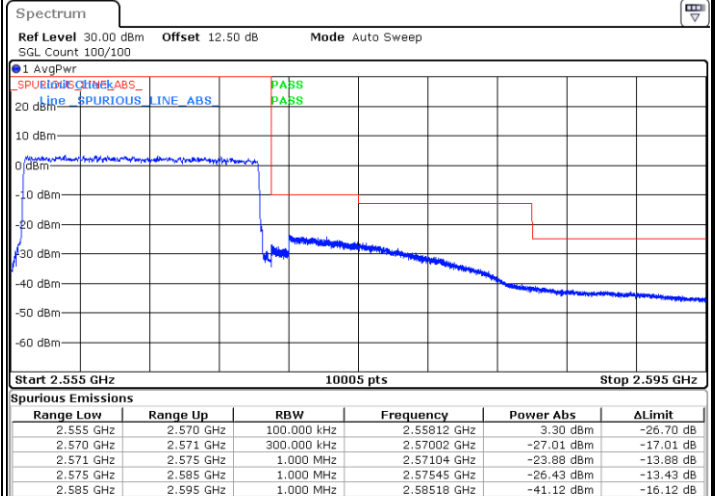
Date: 2.MAR.2022 01:56:46

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:51:20

Highest Band Edge / Full RB

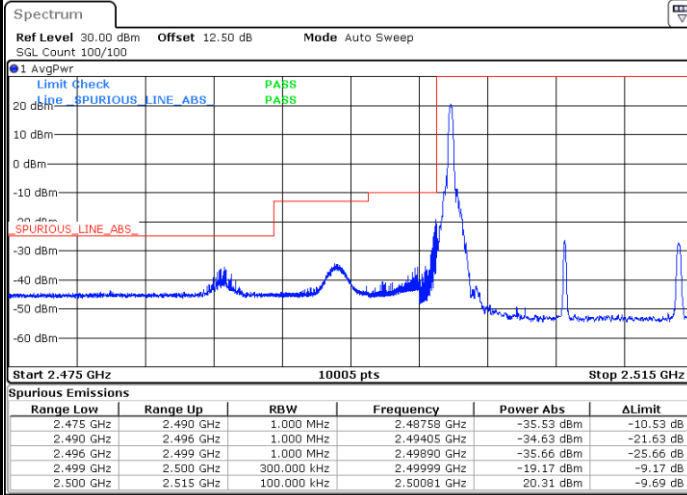


Date: 2.MAR.2022 01:58:33



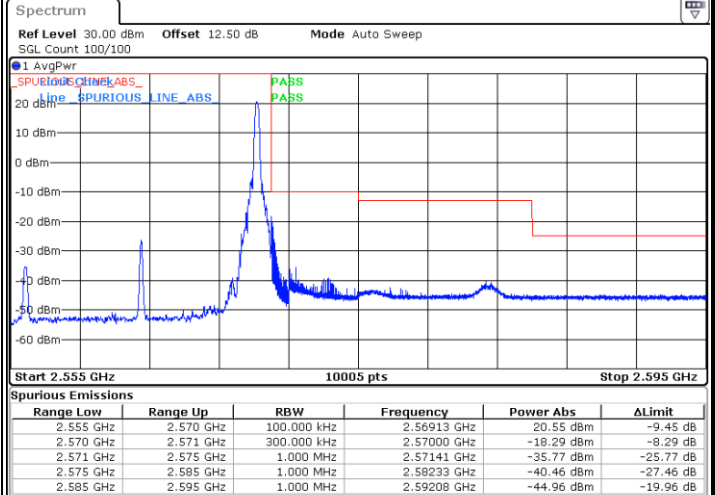
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



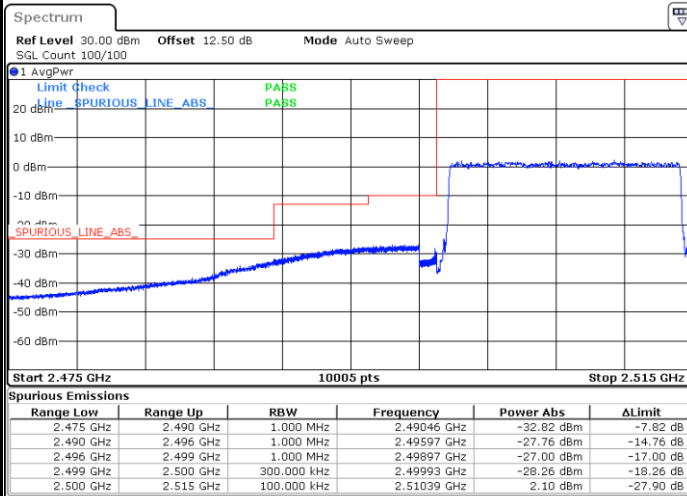
Date: 2.MAR.2022 01:50:26

Highest Band Edge / 1 RB



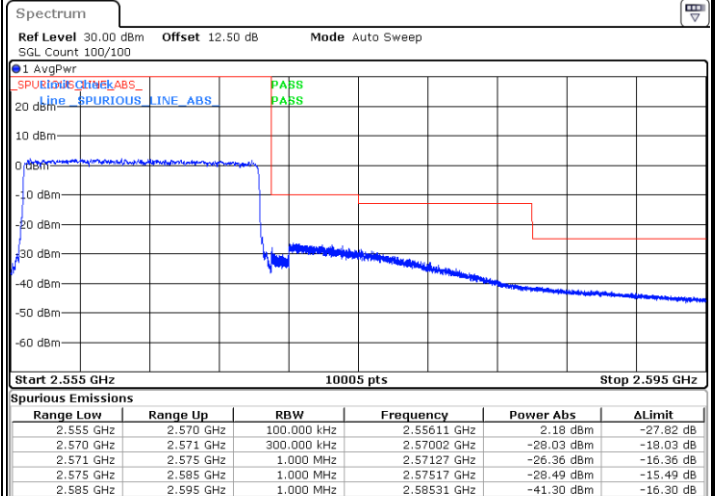
Date: 2.MAR.2022 01:57:40

Lowest Band Edge / Full RB



Date: 2.MAR.2022 01:52:13

Highest Band Edge / Full RB

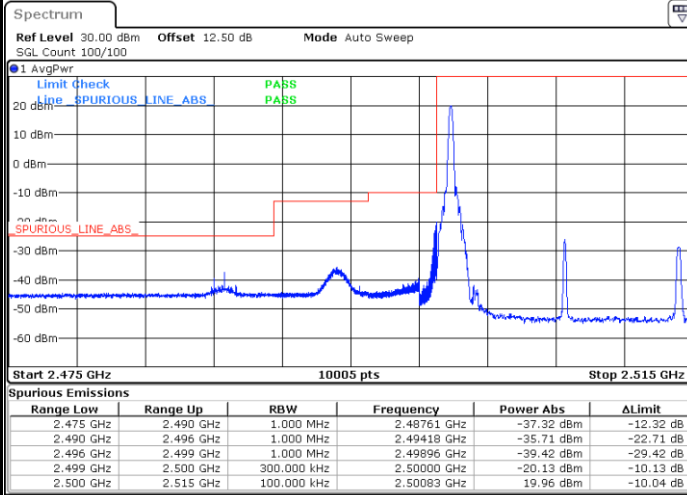


Date: 2.MAR.2022 01:59:26



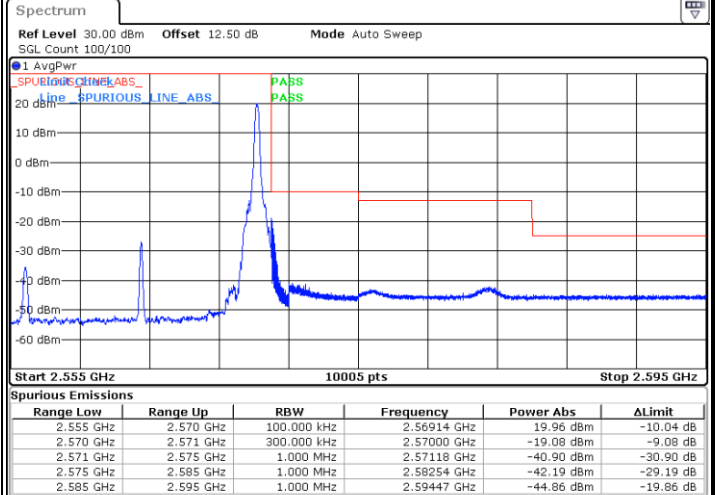
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



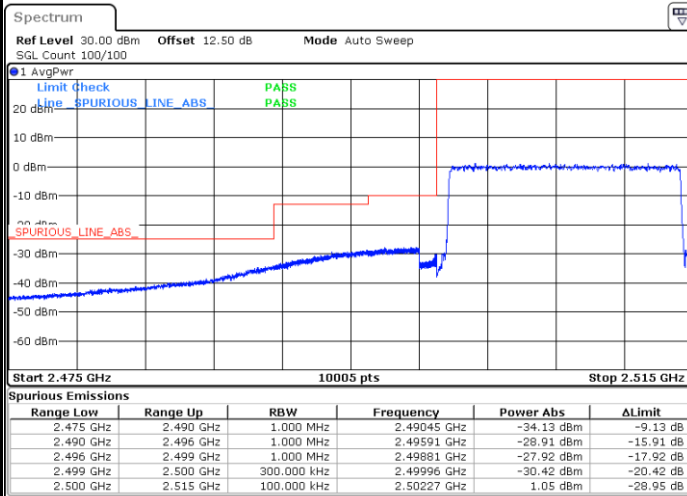
Date: 2.MAR.2022 02:01:24

Highest Band Edge / 1 RB



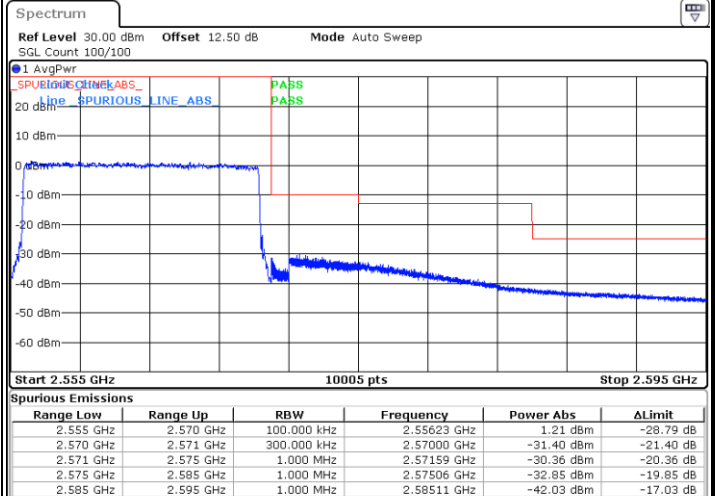
Date: 2.MAR.2022 02:03:58

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:02:18

Highest Band Edge / Full RB

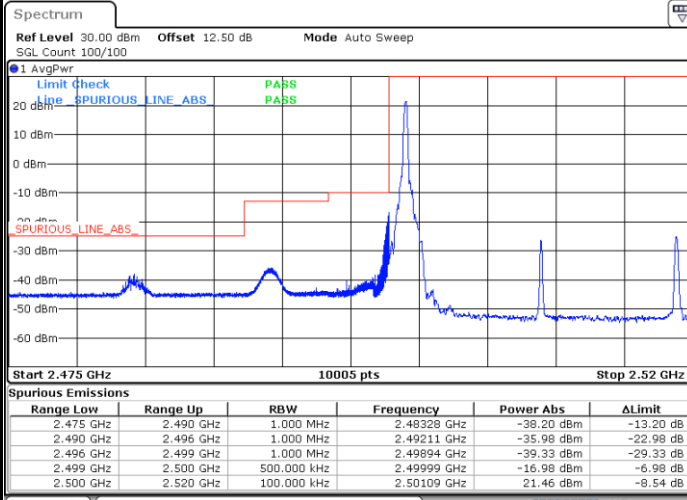


Date: 2.MAR.2022 02:04:51



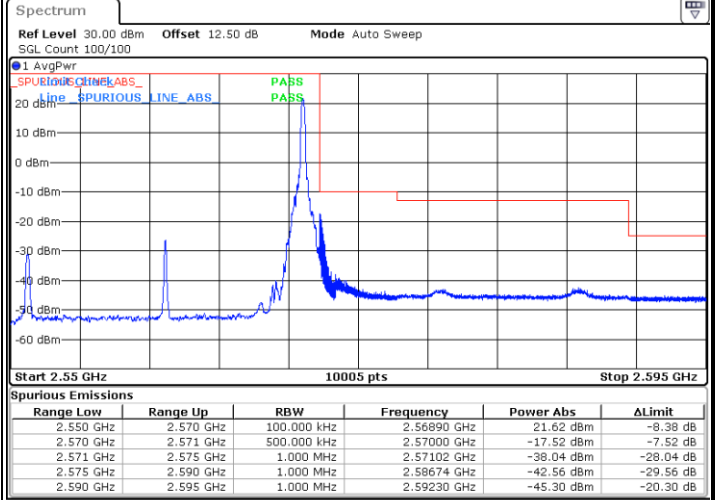
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



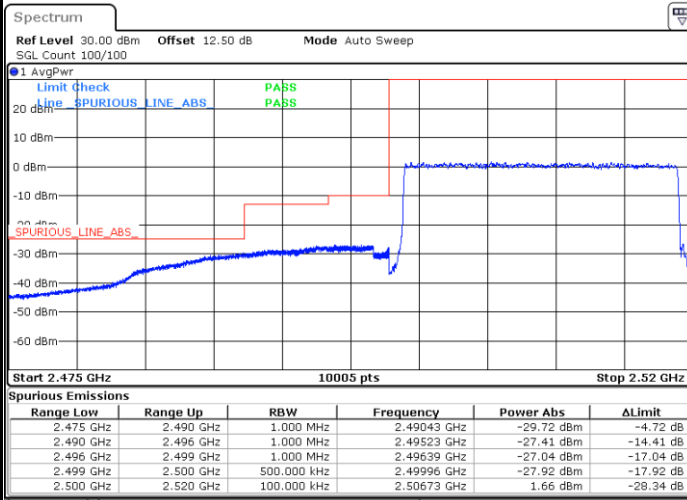
Date: 2.MAR.2022 02:05:47

Highest Band Edge / 1 RB



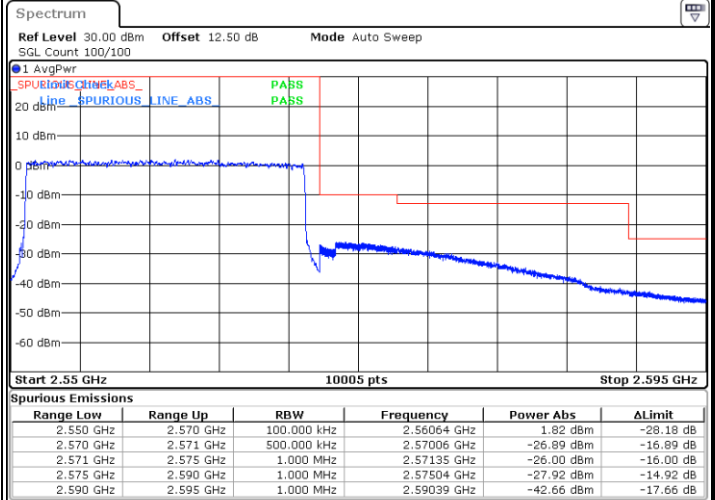
Date: 2.MAR.2022 02:13:00

Lowest Band Edge / Full RB



Date: 2.MAR.2022 02:07:35

Highest Band Edge / Full RB



Date: 2.MAR.2022 02:15:40