

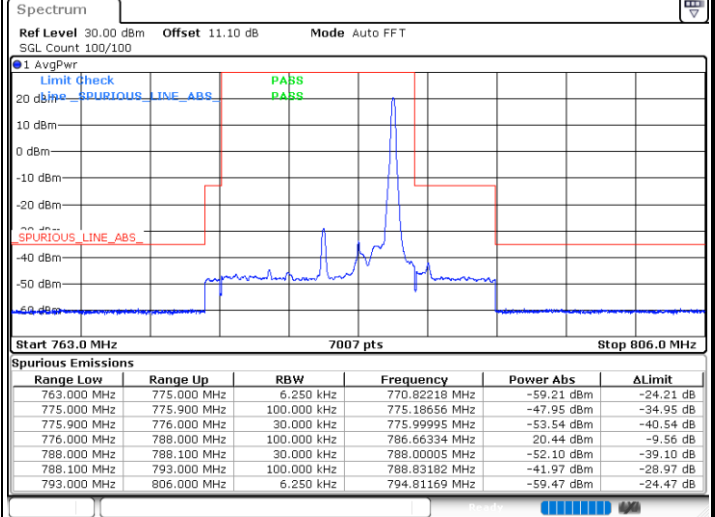
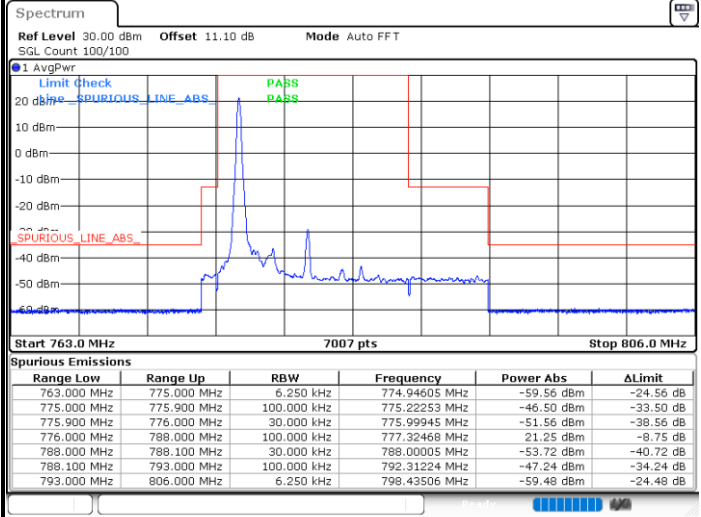


Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

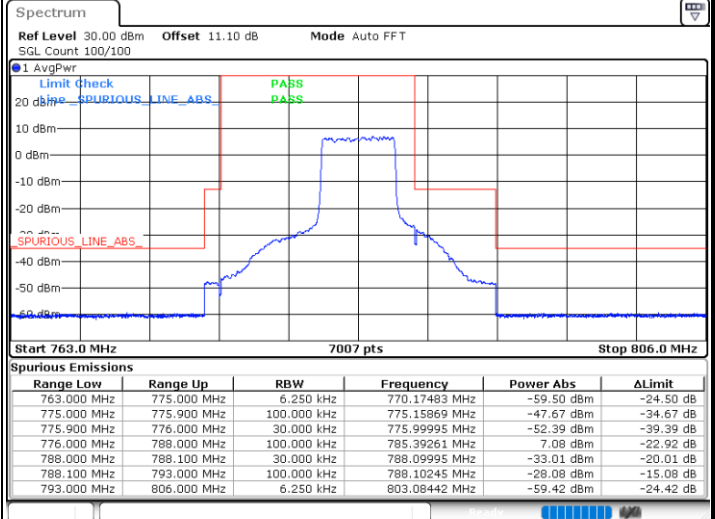
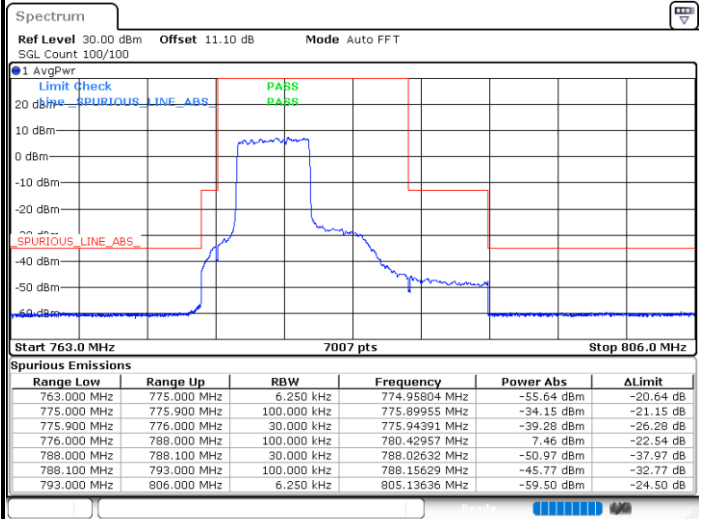


Date: 28.FEB.2022 17:13:38

Date: 28.FEB.2022 17:20:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.FEB.2022 17:10:58

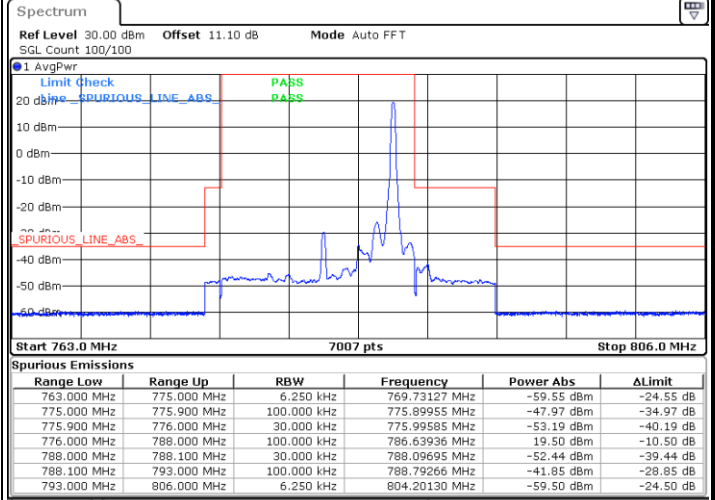
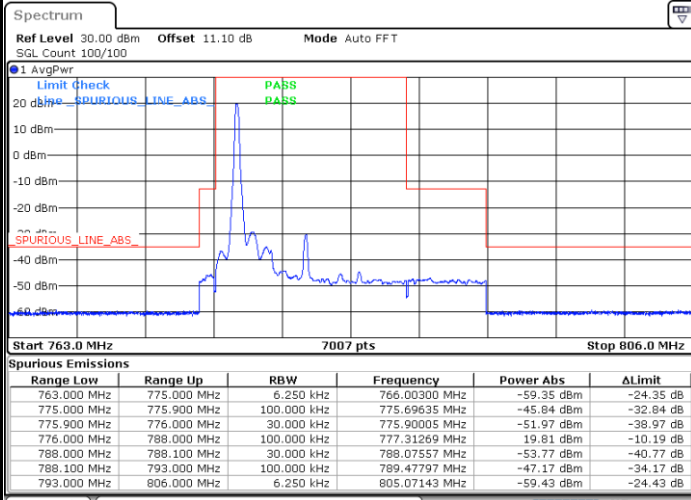
Date: 28.FEB.2022 17:18:01



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

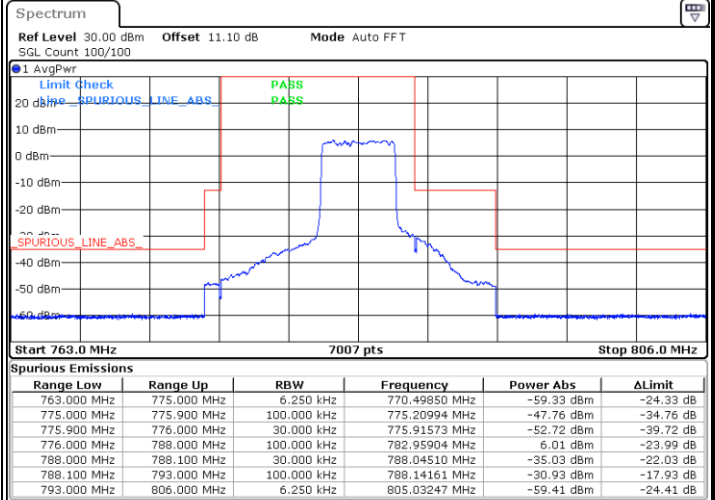
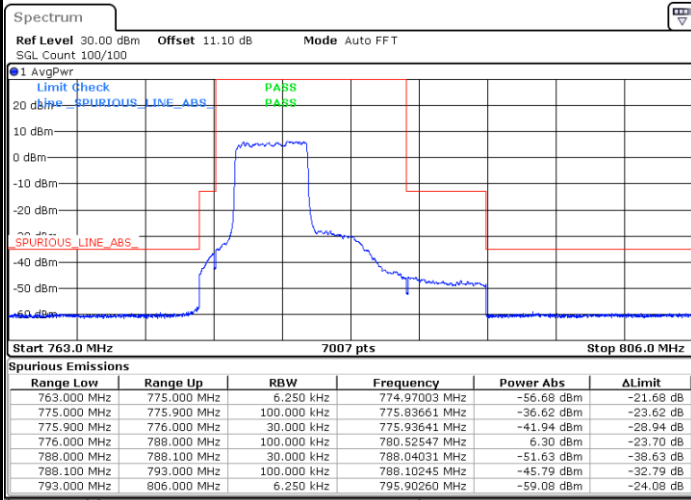


Date: 28.FEB.2022 17:12:45

Date: 28.FEB.2022 17:19:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.FEB.2022 17:11:52

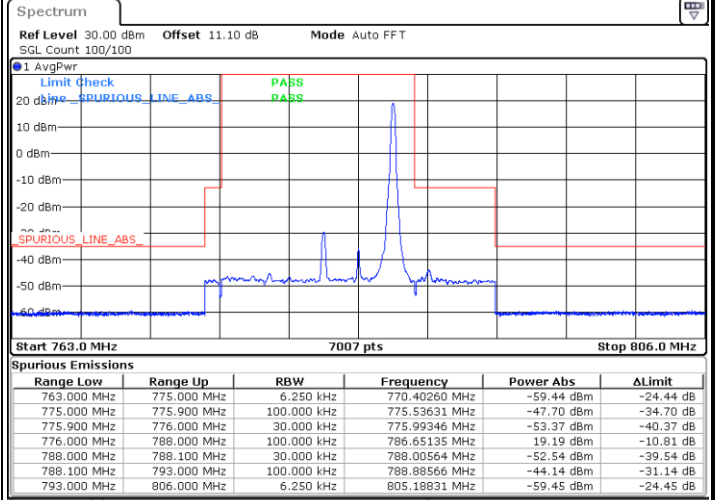
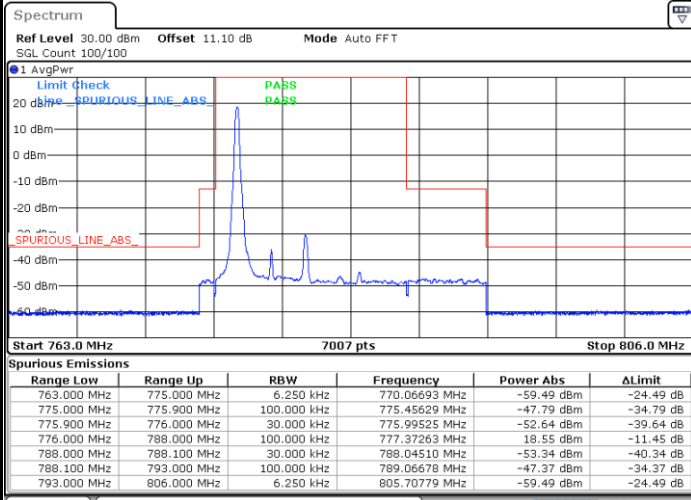
Date: 28.FEB.2022 17:18:54



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

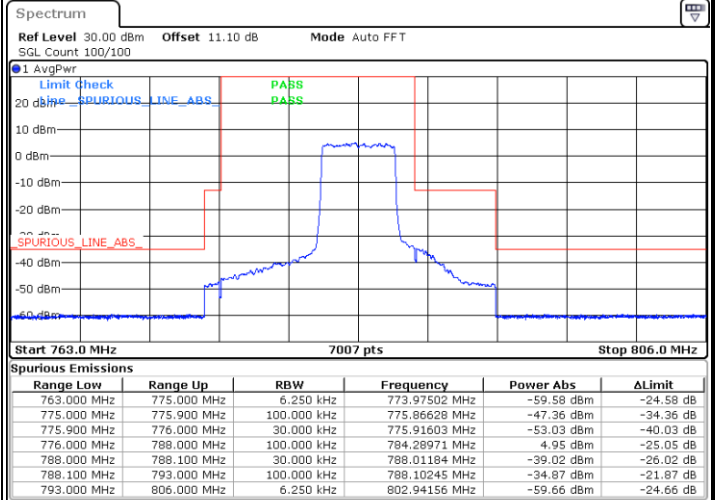
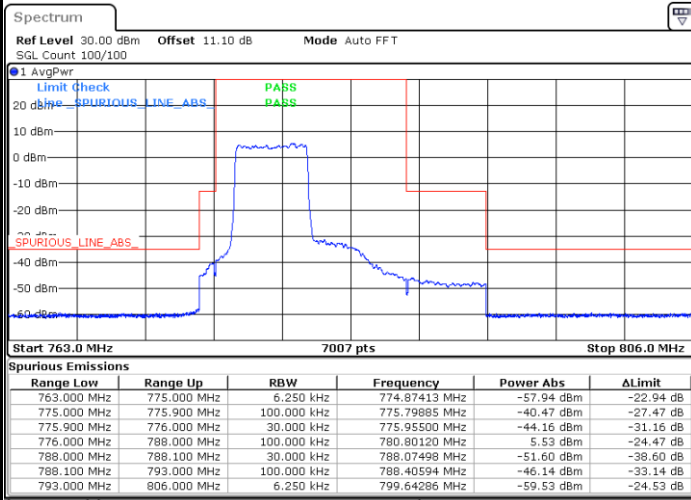


Date: 28.FEB.2022 17:23:28

Date: 28.FEB.2022 17:29:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.FEB.2022 17:22:33

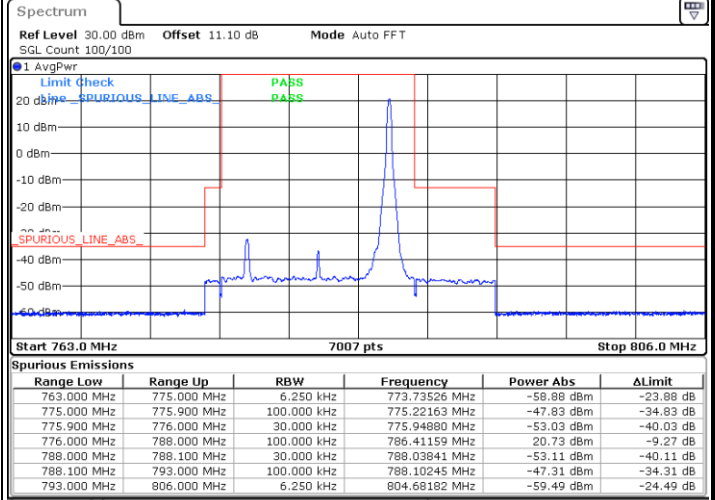
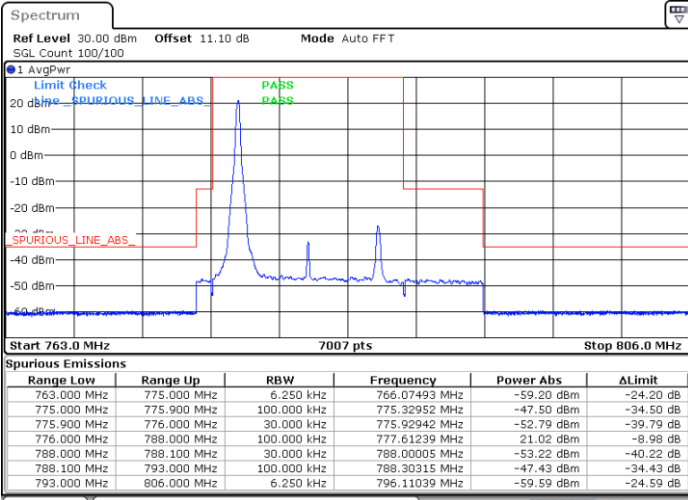
Date: 28.FEB.2022 17:25:08



LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

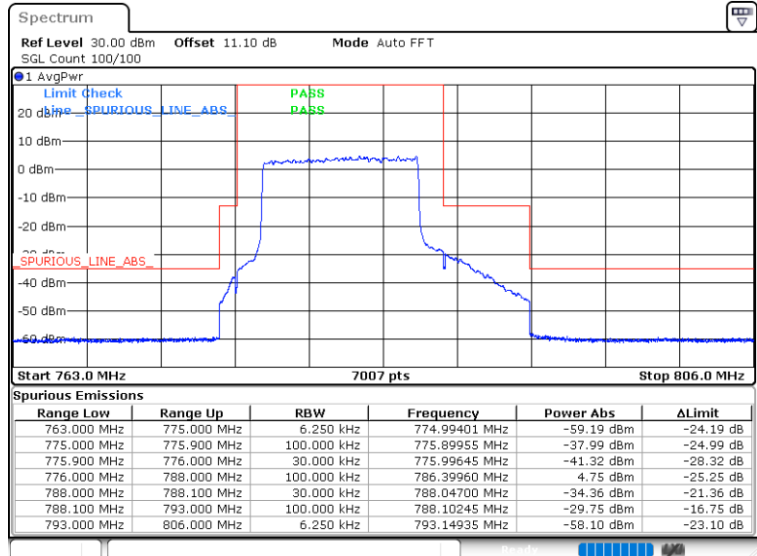
Highest Band Edge / 1 RB



Date: 28.FEB.2022 17:34:26

Date: 28.FEB.2022 17:35:19

Band Edge / Full RB

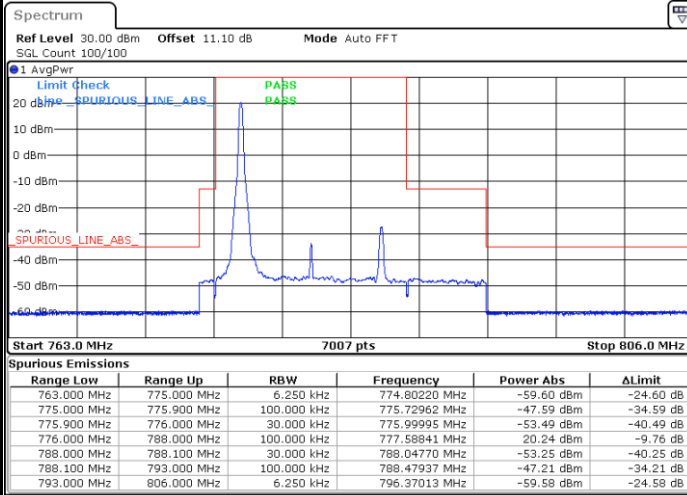


Date: 28.FEB.2022 17:31:48



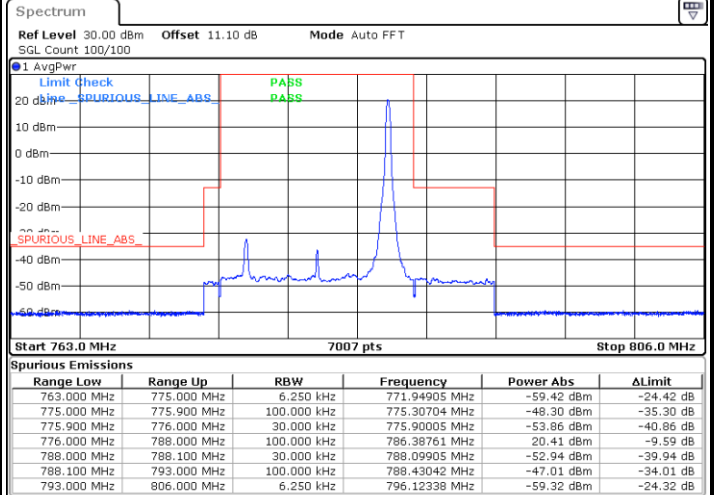
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



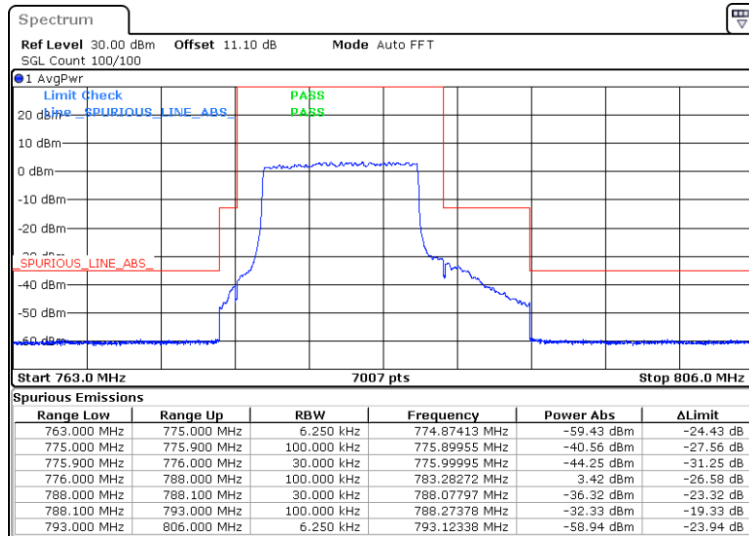
Date: 28.FEB.2022 17:33:33

Highest Band Edge / 1 RB



Date: 28.FEB.2022 17:36:12

Band Edge / Full RB



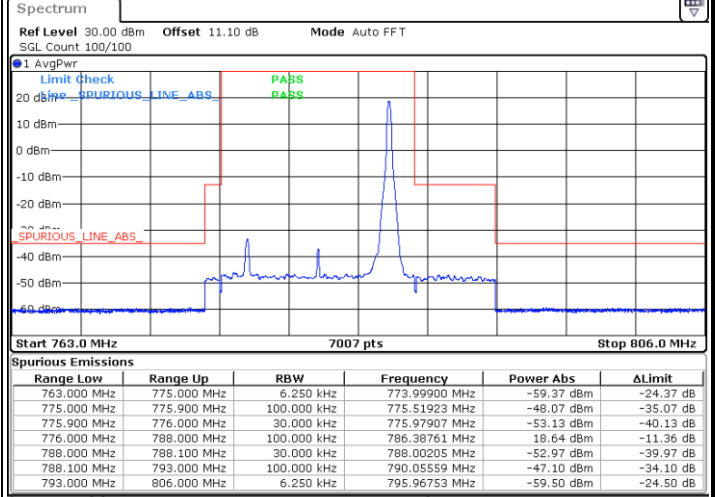
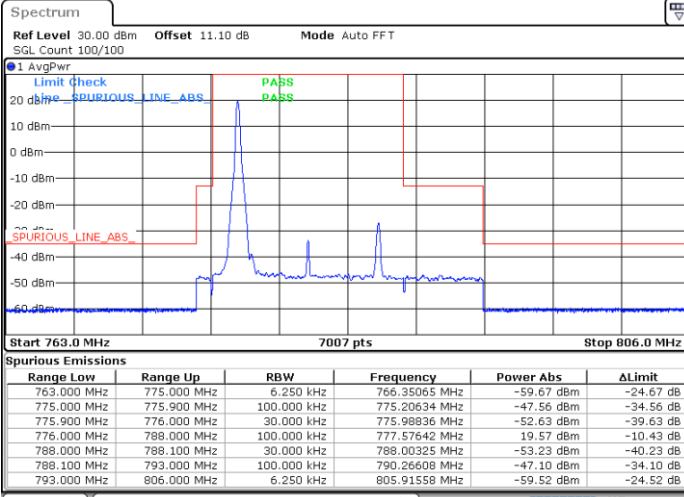
Date: 28.FEB.2022 17:32:41



LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

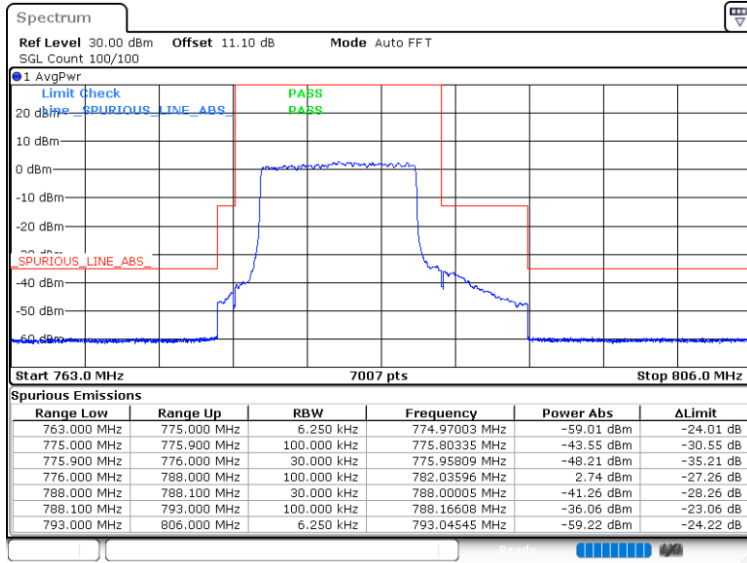
Highest Band Edge / 1 RB



Date: 28.FEB.2022 17:39:41

Date: 28.FEB.2022 17:40:34

Band Edge / Full RB

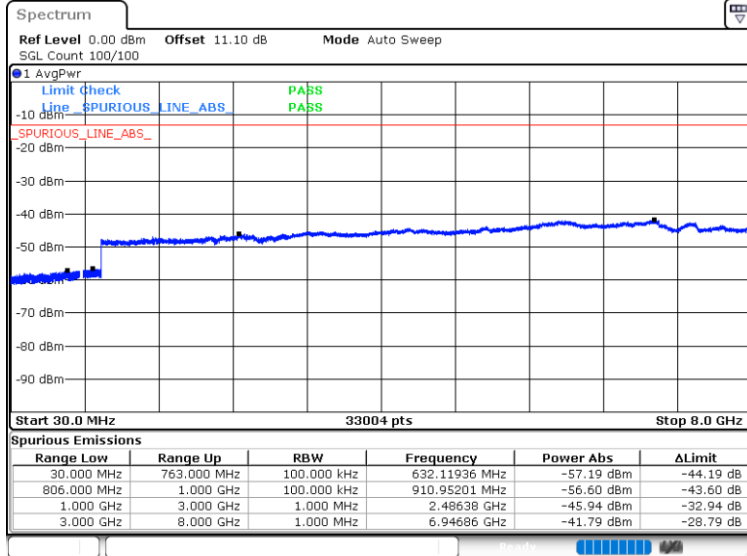


Date: 28.FEB.2022 17:38:48



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28.FEB.2022 17:37:09



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0077	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0079	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0118	
-20	Normal Voltage	0.0133	
-30	Normal Voltage	0.0166	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0028	

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 25

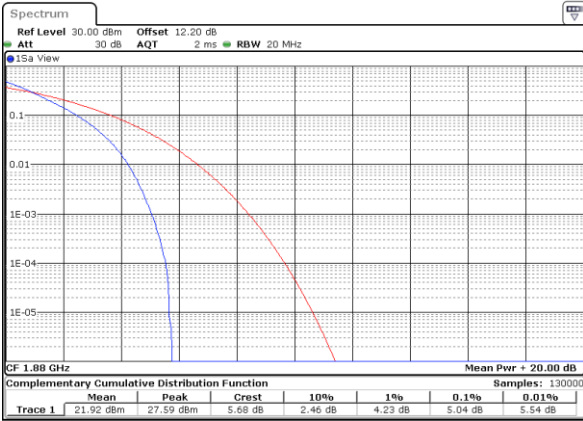
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.00	6.29	-	PASS



LTE Band 25 / 20MHz / QPSK

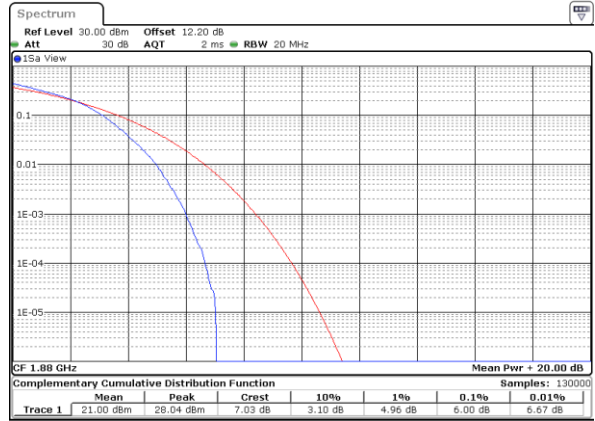
Middle Channel / Full RB



Date: 2.MAR.2022 16:44:04

LTE Band 25 / 20MHz / 16QAM

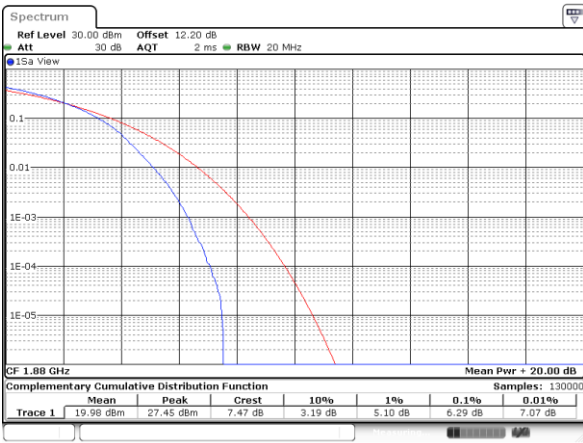
Middle Channel / Full RB



Date: 2.MAR.2022 16:43:38

LTE Band 25 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 2.MAR.2022 16:43:13



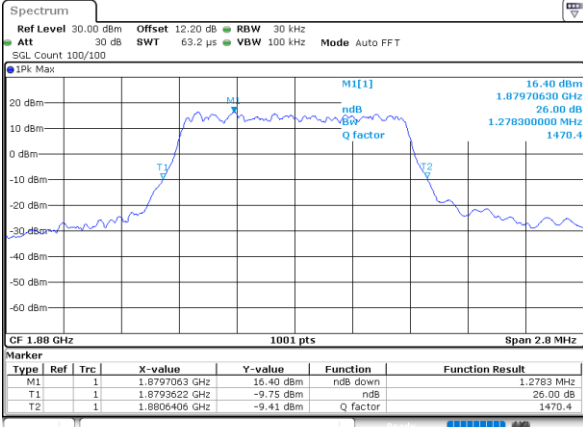
26dB Bandwidth

Mode	LTE Band 25 : 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	1.29	3.01	3.01	4.97	4.95	9.79	9.75	14.42	14.33	18.78	18.62
Mode	LTE Band 25 : 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	1.26	-	2.99	-	4.85	-	9.91	-	14.60	-	18.94	-



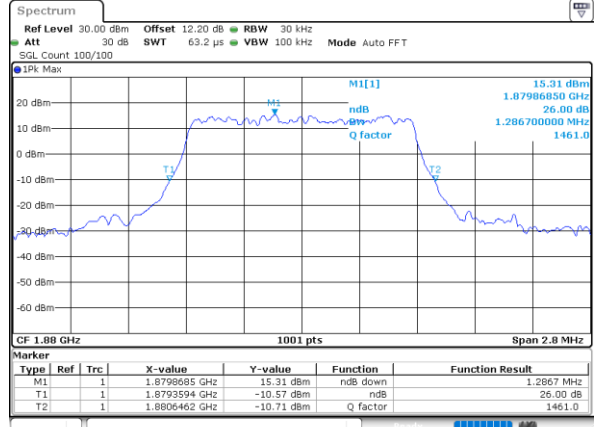
LTE Band 25

Middle Channel / 1.4MHz / QPSK



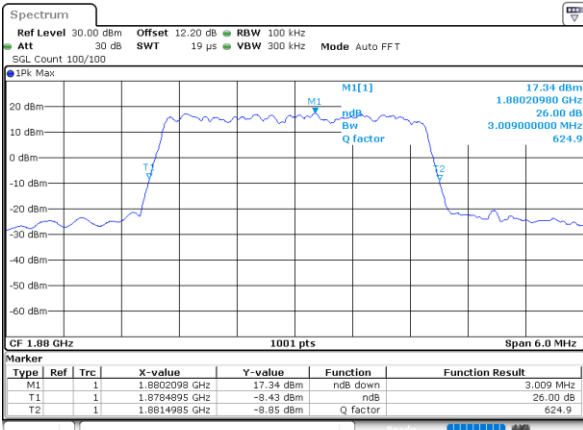
Date: 2,MAR,2022 15:09:54

Middle Channel / 1.4MHz / 16QAM



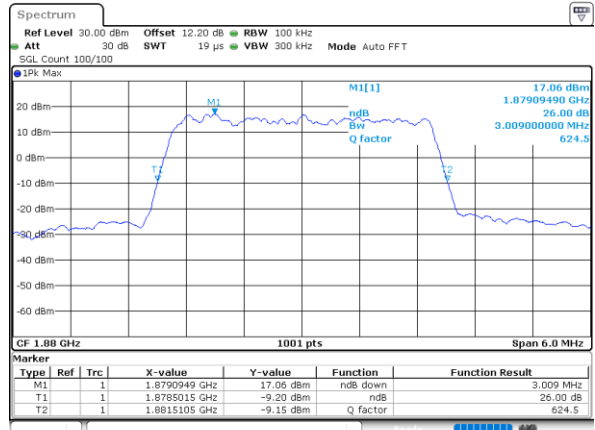
Date: 2,MAR,2022 15:10:19

Middle Channel / 3MHz / QPSK



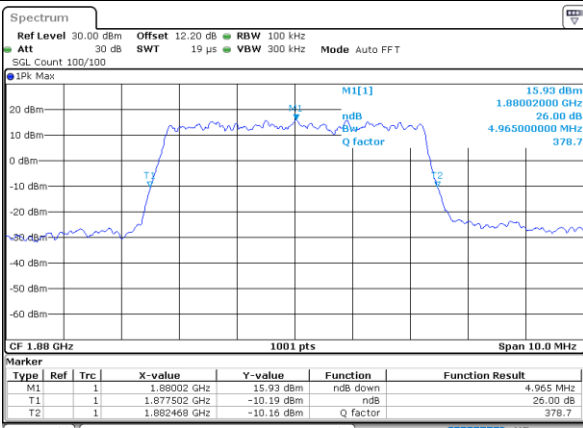
Date: 2,MAR,2022 15:30:06

Middle Channel / 3MHz / 16QAM



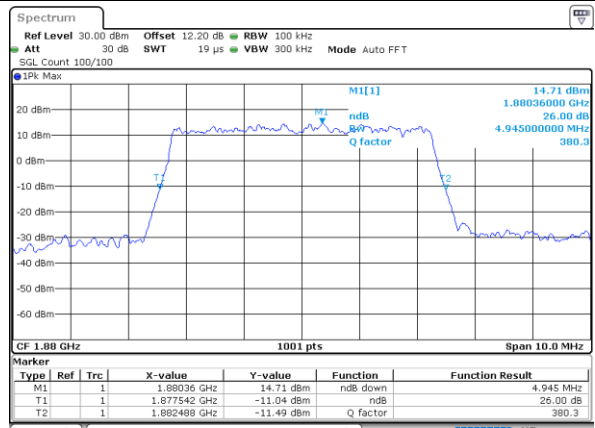
Date: 2,MAR,2022 15:30:30

Middle Channel / 5MHz / QPSK



Date: 2,MAR,2022 15:41:32

Middle Channel / 5MHz / 16QAM

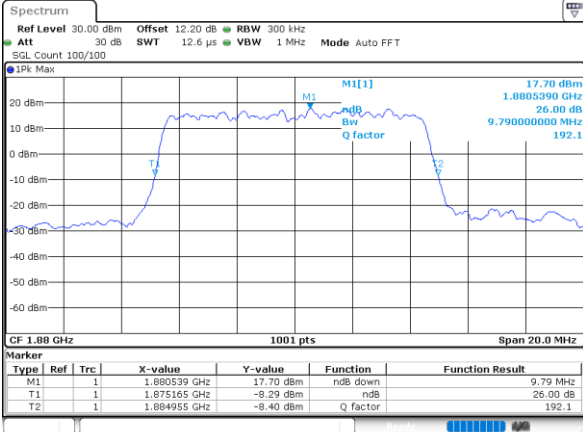


Date: 2,MAR,2022 15:41:56



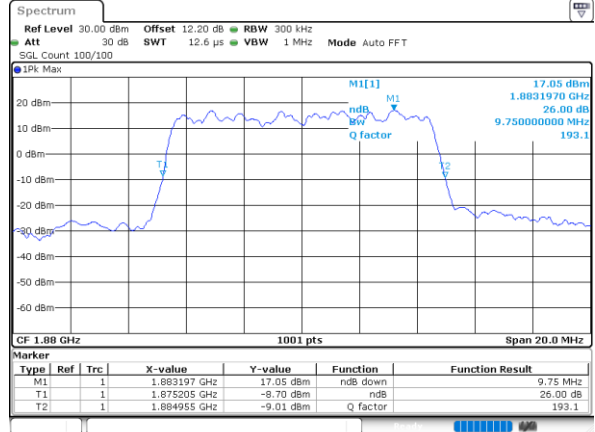
LTE Band 25

Middle Channel / 10MHz / QPSK



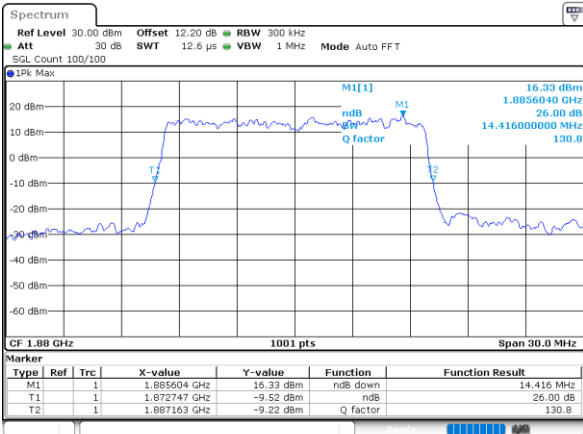
Date: 2,MAR,2022 15:57:21

Middle Channel / 10MHz / 16QAM



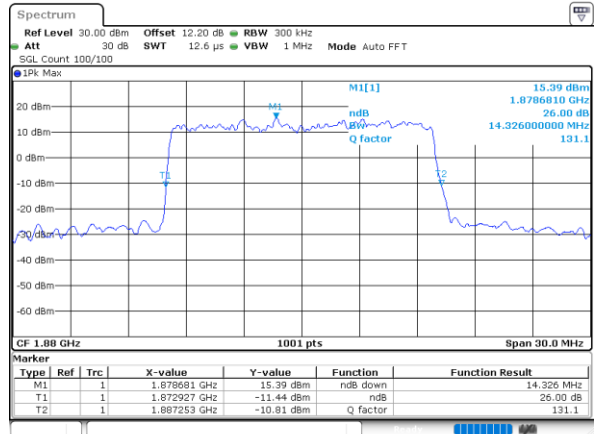
Date: 2,MAR,2022 15:57:45

Middle Channel / 15MHz / QPSK



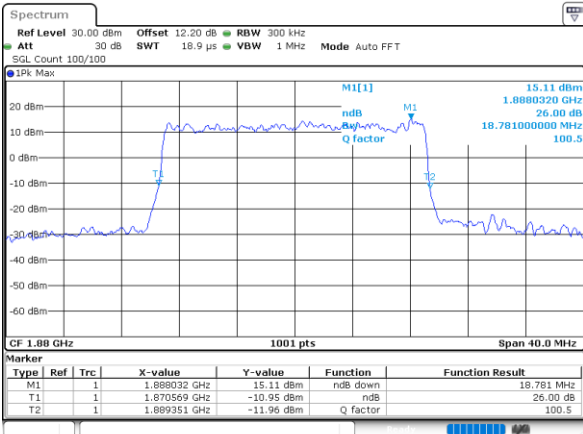
Date: 2,MAR,2022 16:21:11

Middle Channel / 15MHz / 16QAM



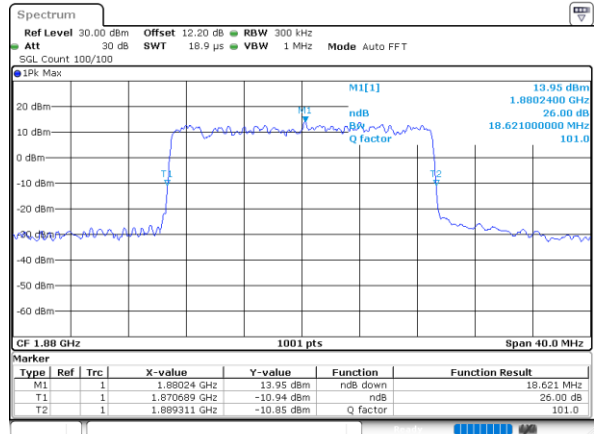
Date: 2,MAR,2022 16:21:35

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 16:32:40

Middle Channel / 20MHz / 16QAM

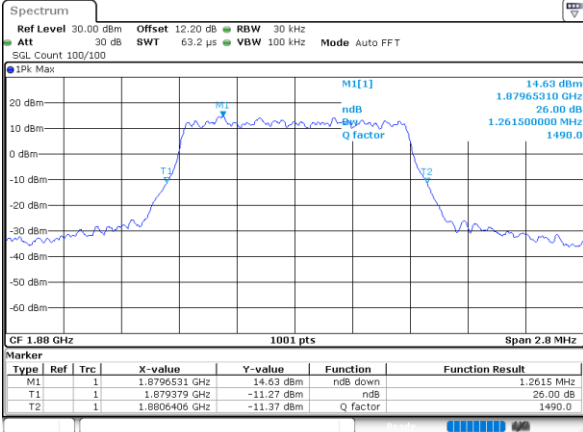


Date: 2,MAR,2022 16:33:04



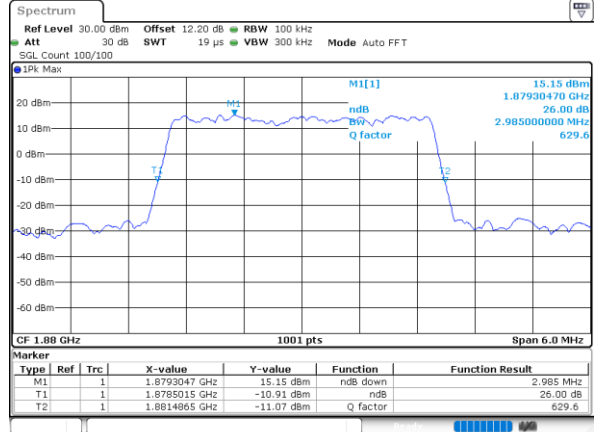
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



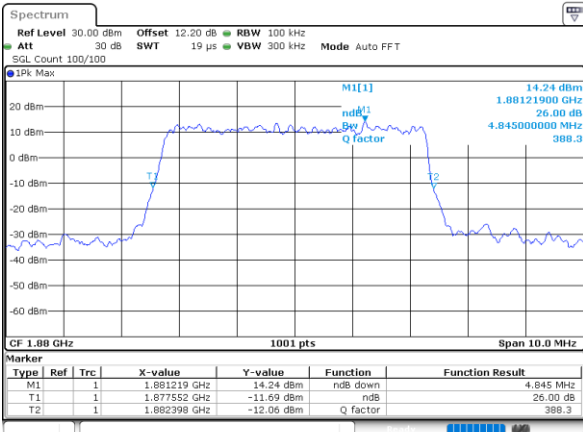
Date: 2,MAR,2022 15:18:15

Middle Channel / 3MHz / 64QAM



Date: 2,MAR,2022 15:22:39

Middle Channel / 5MHz / 64QAM



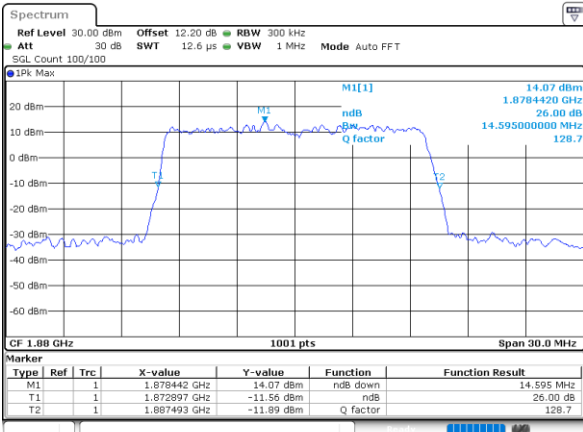
Date: 2,MAR,2022 15:49:53

Middle Channel / 10MHz / 64QAM



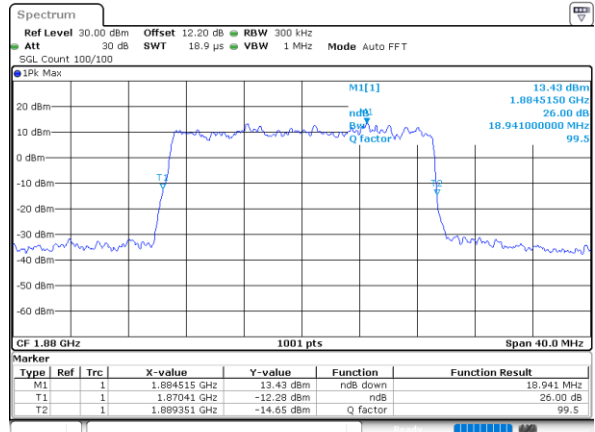
Date: 2,MAR,2022 16:05:41

Middle Channel / 15MHz / 64QAM



Date: 2,MAR,2022 16:11:45

Middle Channel / 20MHz / 64QAM



Date: 2,MAR,2022 16:41:01



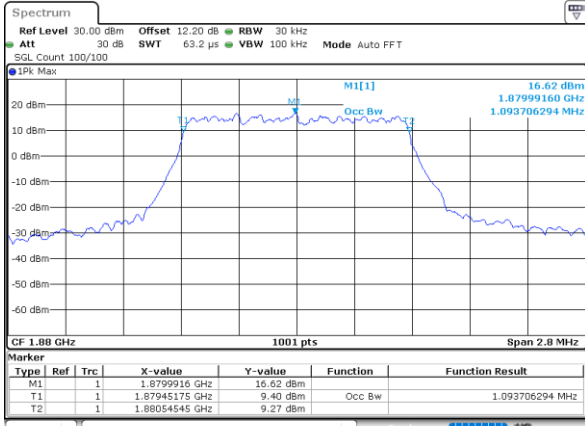
Occupied Bandwidth

Mode	LTE Band 25 : 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	1.09	1.10	2.73	2.73	4.48	4.49	9.01	9.03	13.49	13.40	17.86	17.90
Mode	LTE Band 25 : 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	-	2.72	-	4.48	-	8.99	-	13.40	-	17.90	-

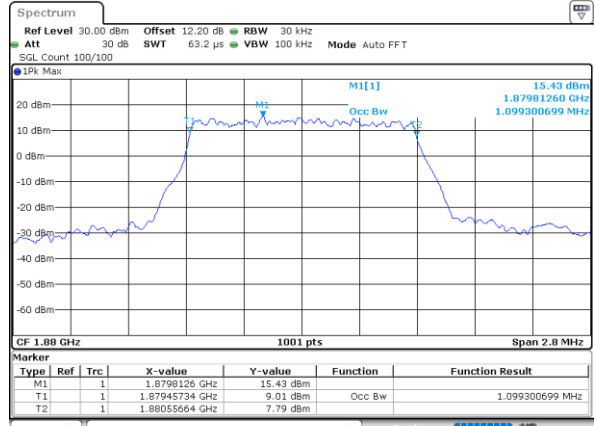


LTE Band 25

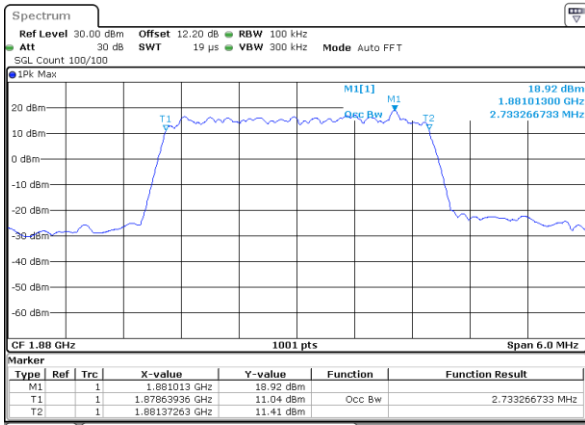
Middle Channel / 1.4MHz / QPSK



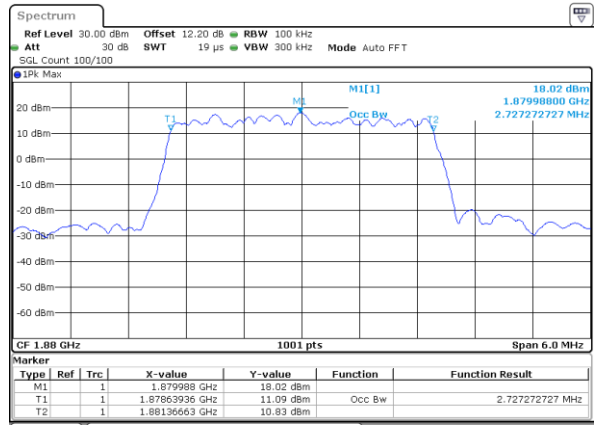
Middle Channel / 1.4MHz / 16QAM



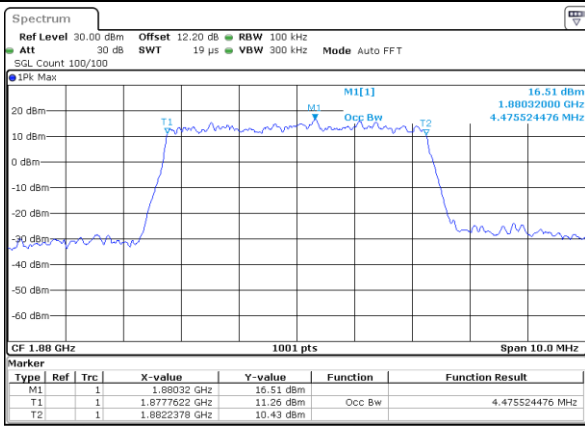
Middle Channel / 3MHz / QPSK



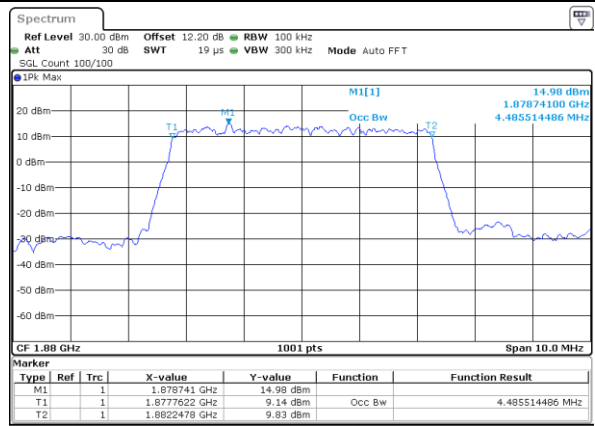
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



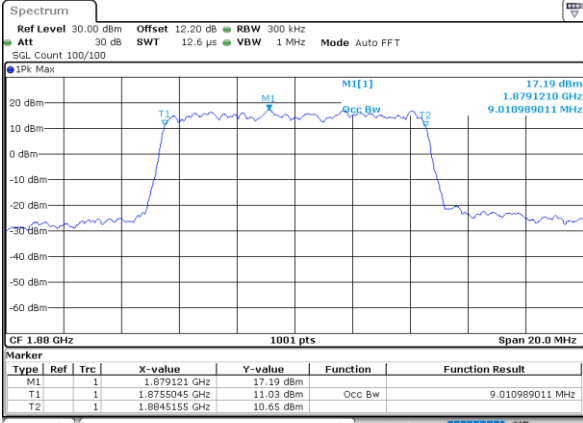
Middle Channel / 5MHz / 16QAM





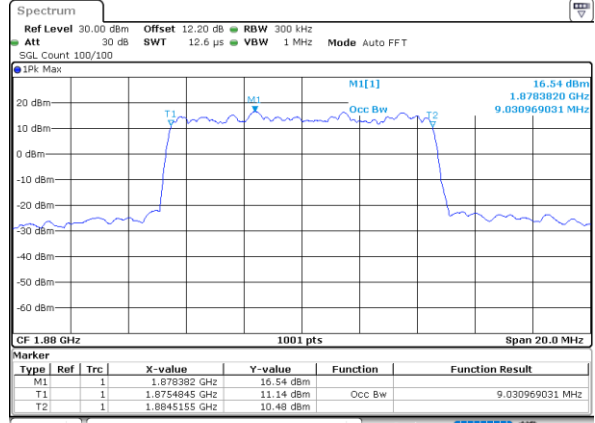
LTE Band 25

Middle Channel / 10MHz / QPSK



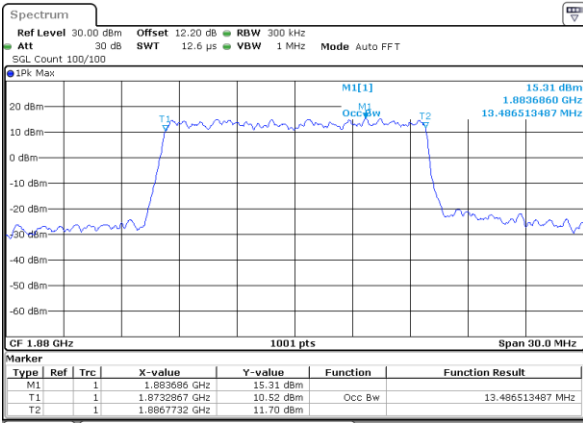
Date: 2,MAR,2022 15:56:33

Middle Channel / 10MHz / 16QAM



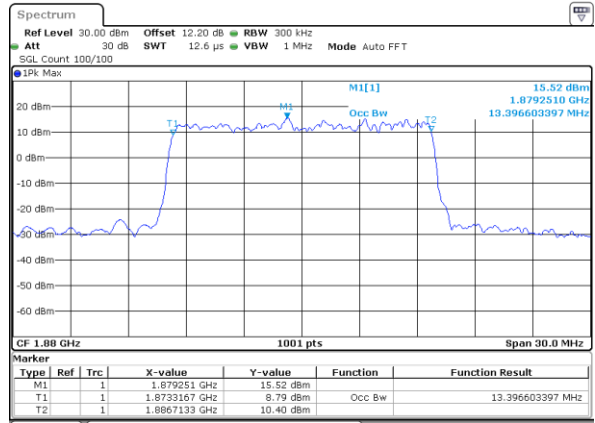
Date: 2,MAR,2022 15:56:57

Middle Channel / 15MHz / QPSK



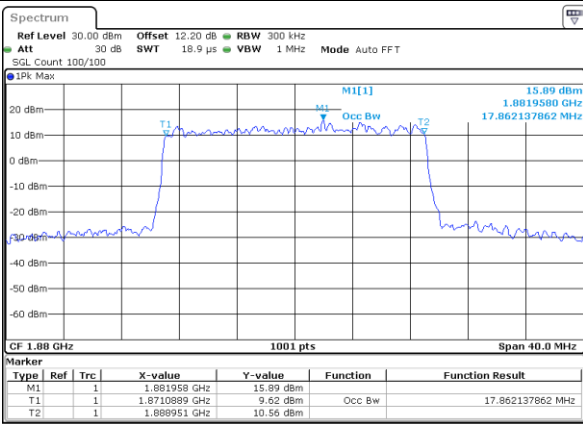
Date: 2,MAR,2022 16:20:23

Middle Channel / 15MHz / 16QAM



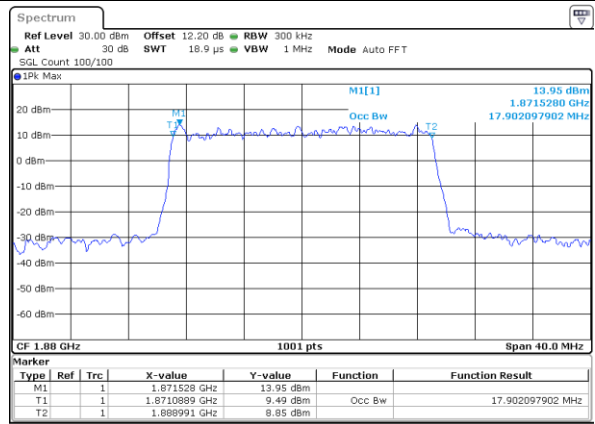
Date: 2,MAR,2022 16:20:47

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 16:13:15

Middle Channel / 20MHz / 16QAM

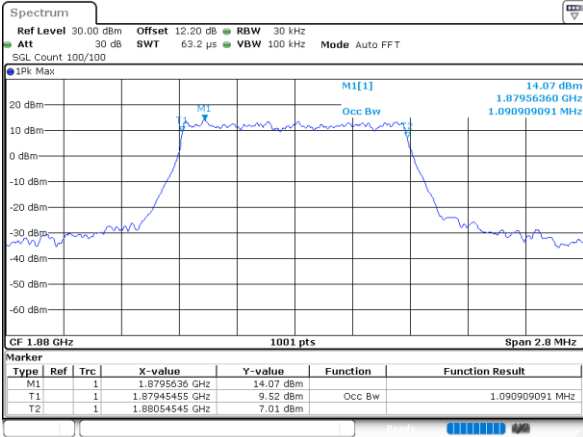


Date: 2,MAR,2022 16:13:215

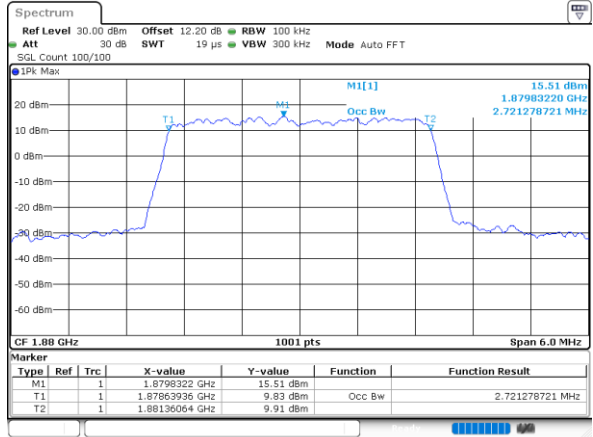


LTE Band 25

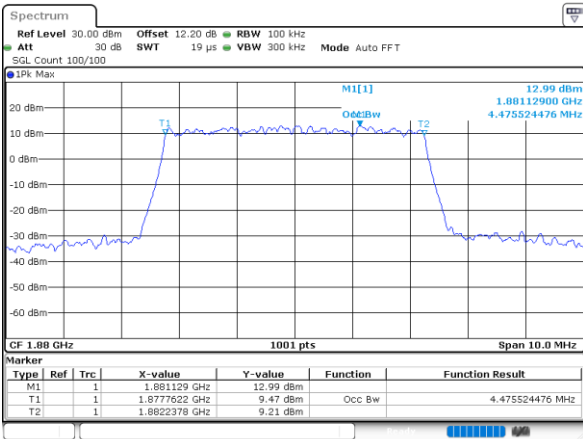
Middle Channel / 1.4MHz / 64QAM



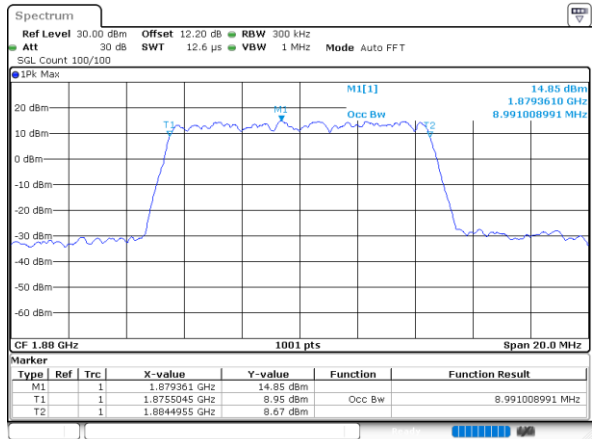
Middle Channel / 3MHz / 64QAM



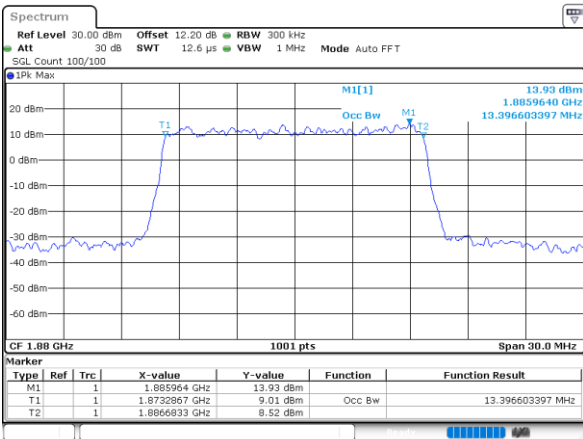
Middle Channel / 5MHz / 64QAM



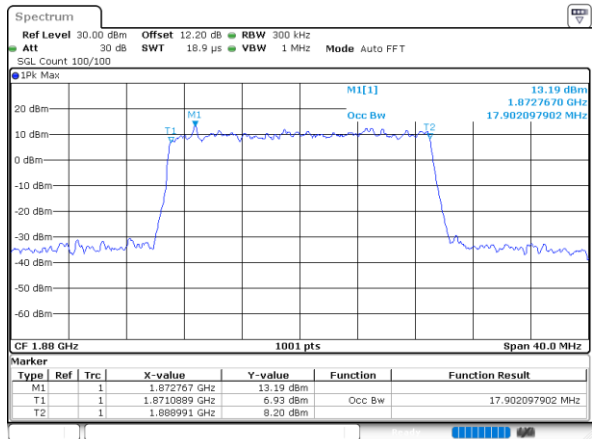
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

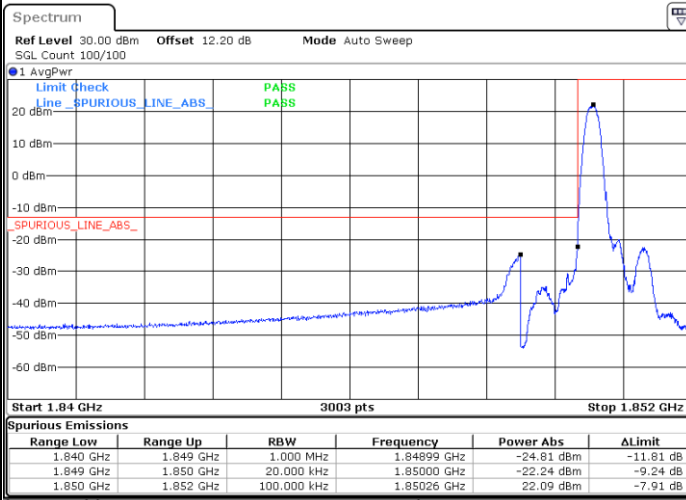




Conducted Band Edge

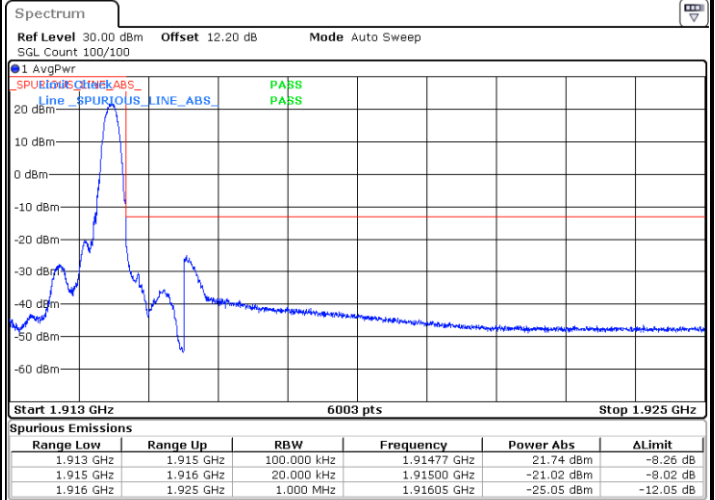
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



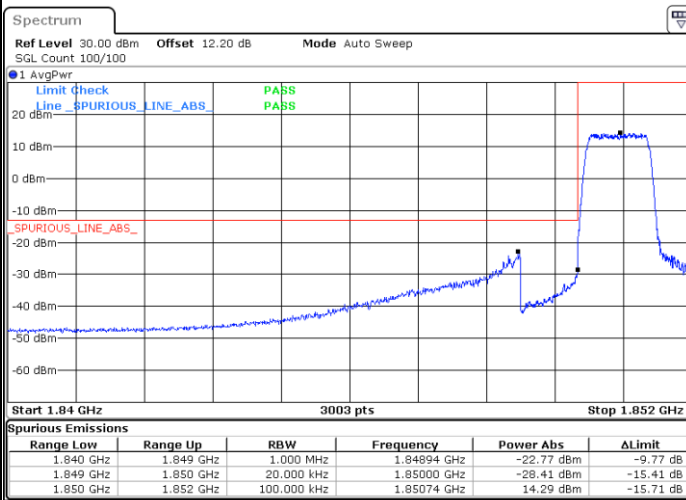
Date: 2.MAR.2022 15:05:07

Highest Band Edge / 1RB



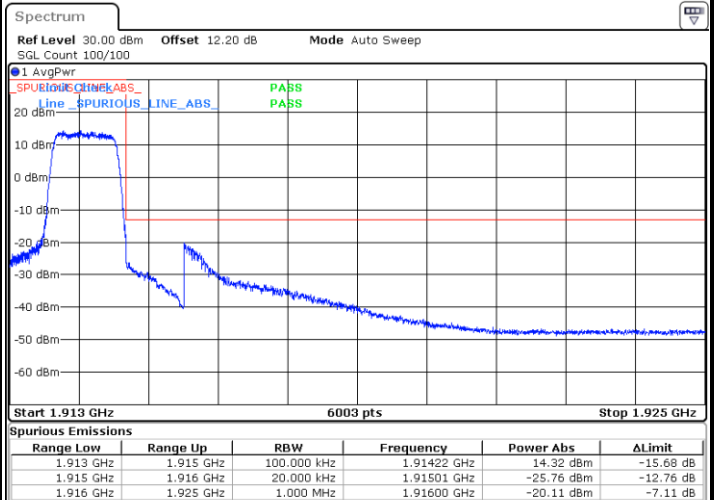
Date: 2.MAR.2022 15:14:45

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:06:54

Highest Band Edge / Full RB

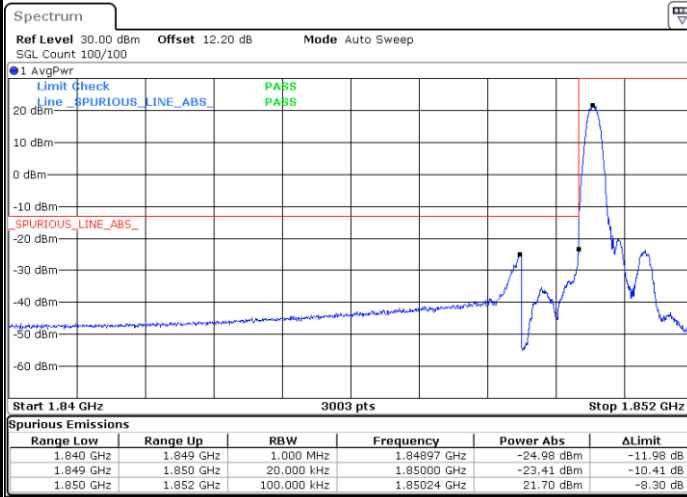


Date: 2.MAR.2022 15:12:05



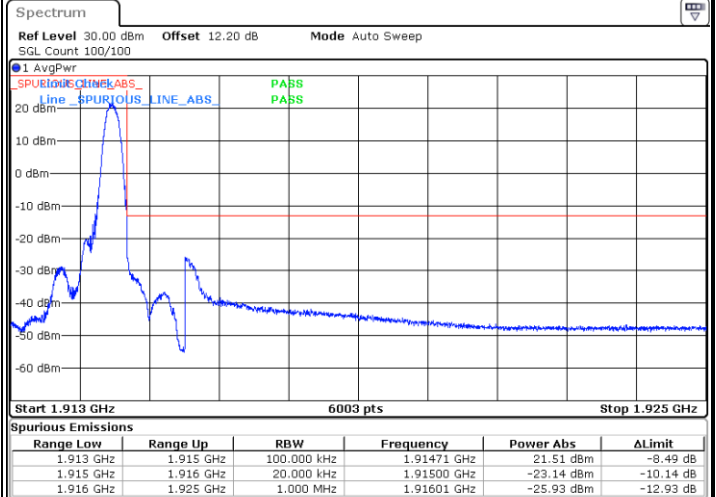
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



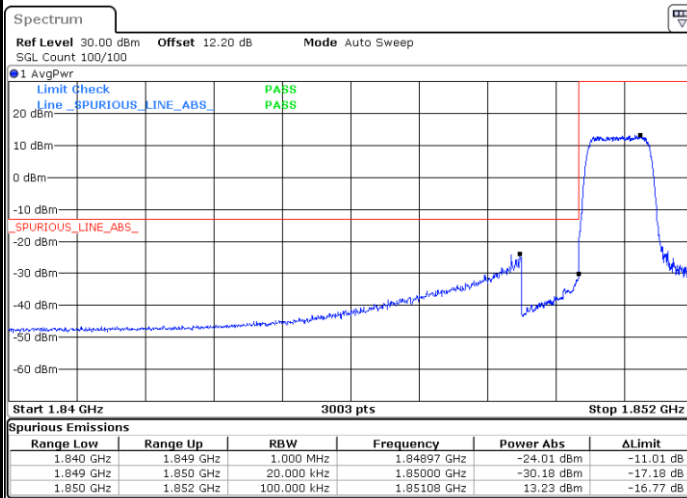
Date: 2.MAR.2022 15:06:00

Highest Band Edge / 1 RB



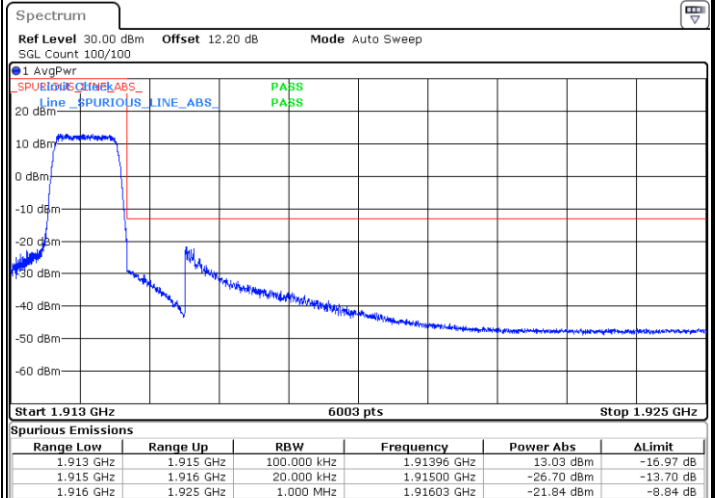
Date: 2.MAR.2022 15:13:52

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:07:48

Highest Band Edge / Full RB

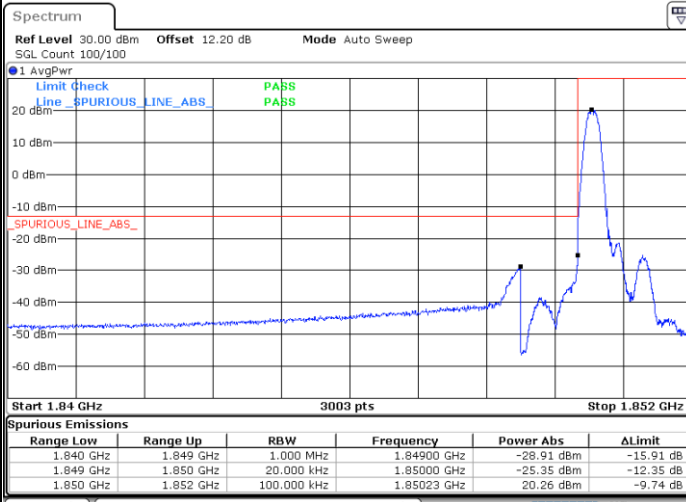


Date: 2.MAR.2022 15:12:59



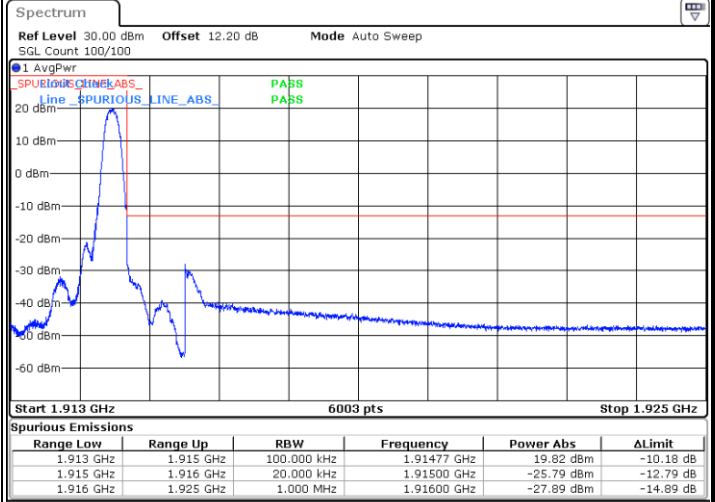
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



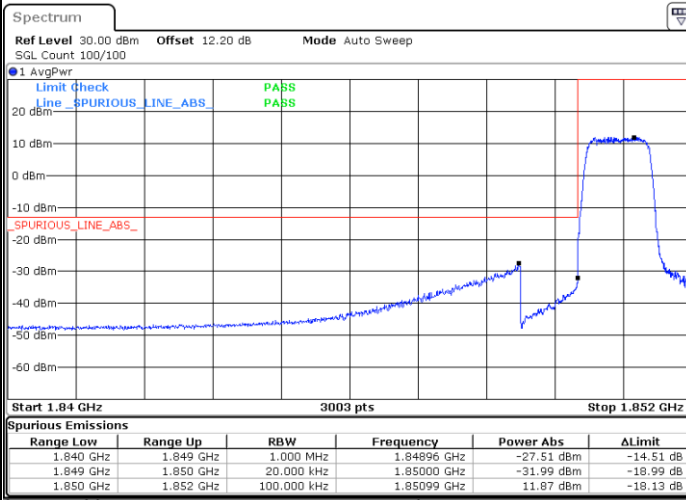
Date: 2.MAR.2022 15:16:33

Highest Band Edge / 1 RB



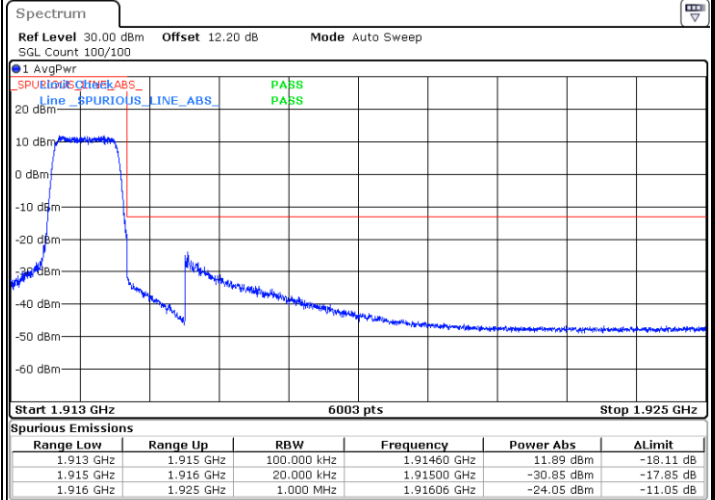
Date: 2.MAR.2022 15:20:02

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:17:27

Highest Band Edge / Full RB

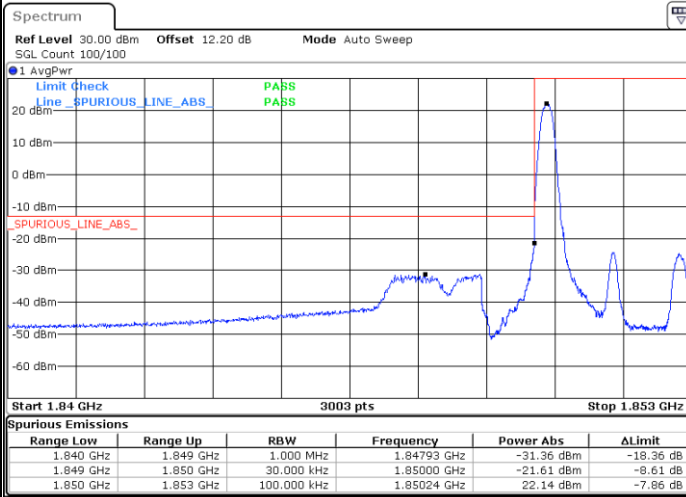


Date: 2.MAR.2022 15:19:08



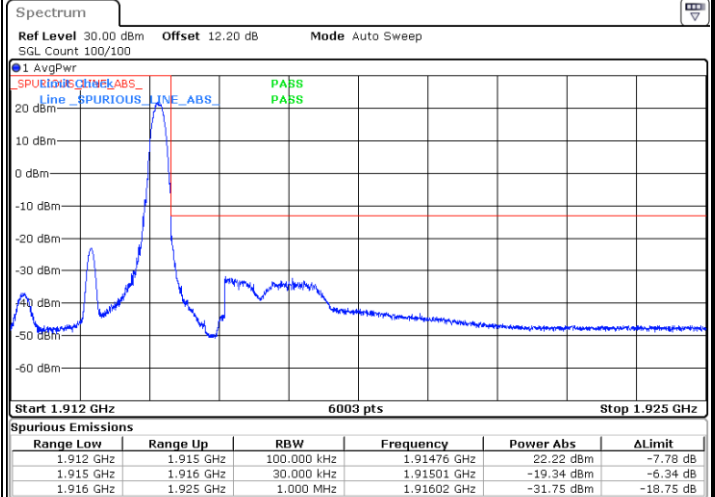
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



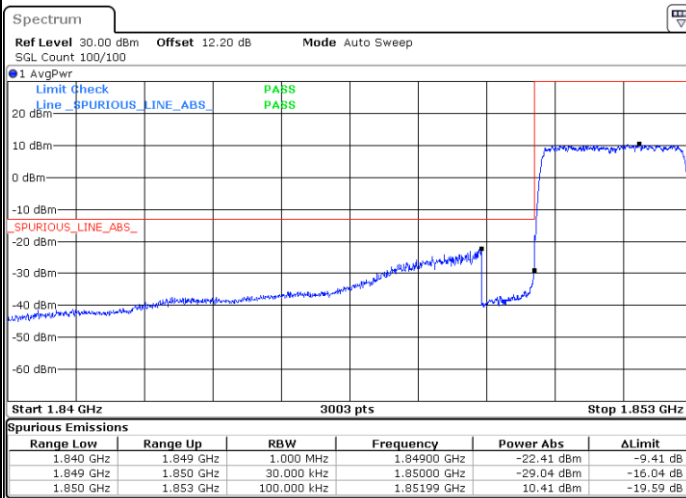
Date: 2.MAR.2022 15:25:18

Highest Band Edge / 1 RB



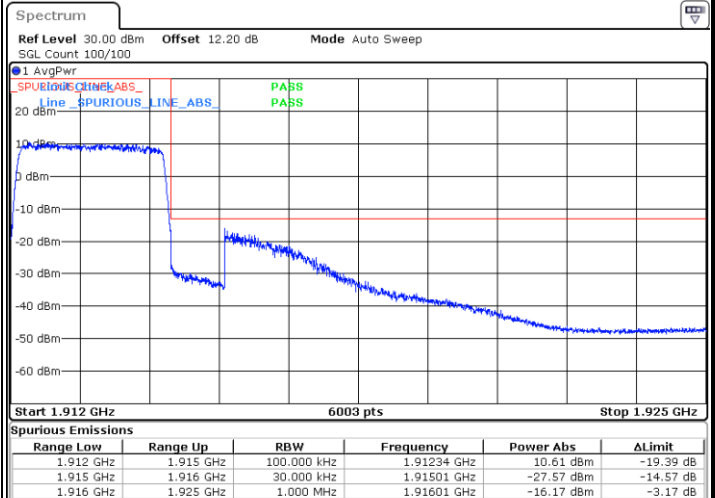
Date: 2.MAR.2022 15:34:57

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:27:06

Highest Band Edge / Full RB

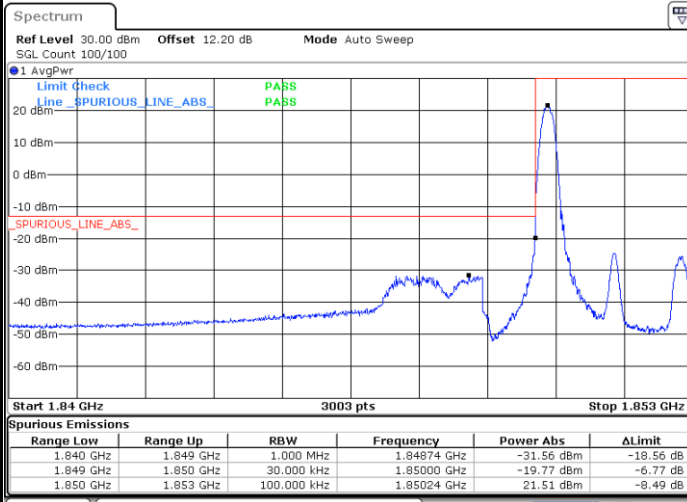


Date: 2.MAR.2022 15:32:17



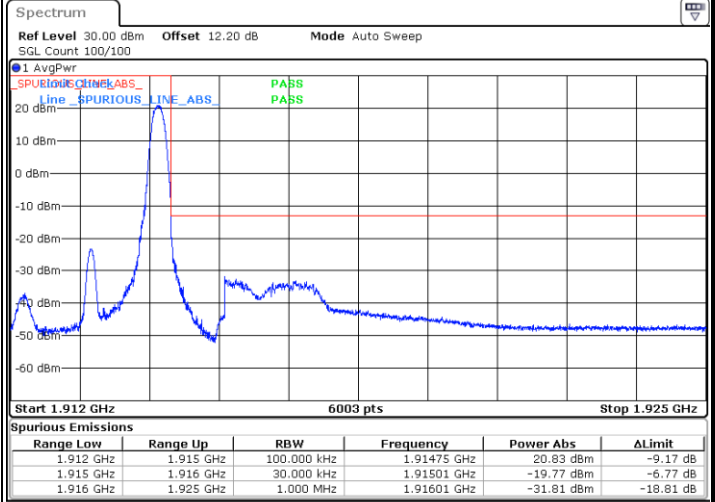
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



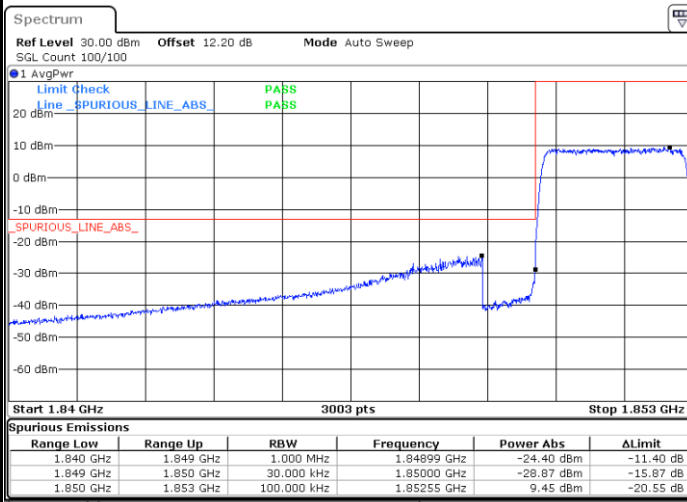
Date: 2.MAR.2022 15:26:13

Highest Band Edge / 1 RB



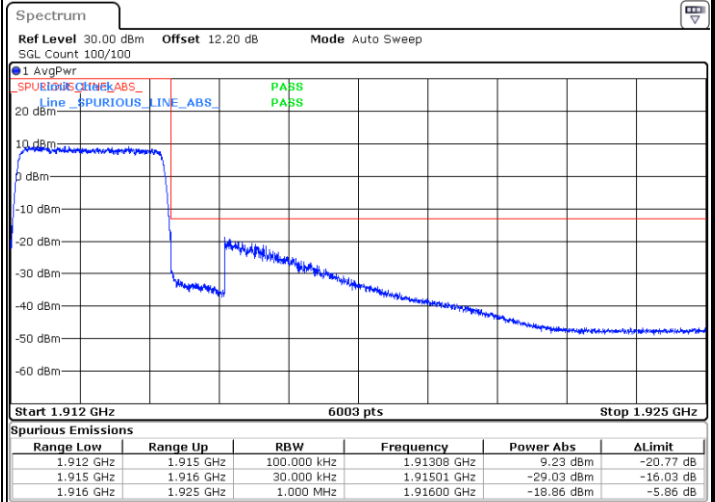
Date: 2.MAR.2022 15:34:04

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:28:00

Highest Band Edge / Full RB

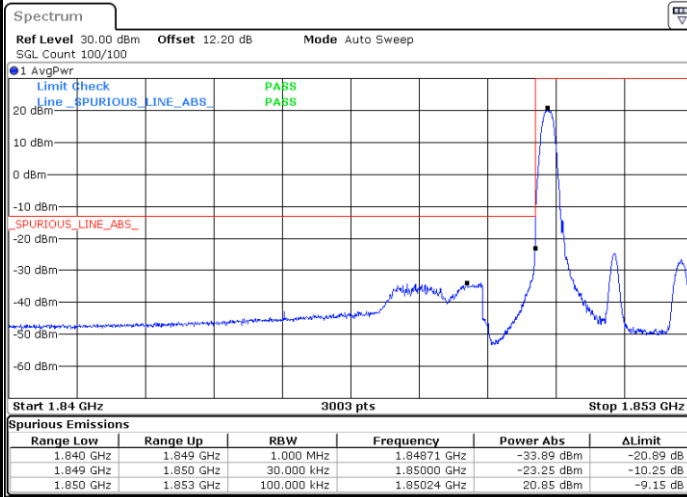


Date: 2.MAR.2022 15:33:10



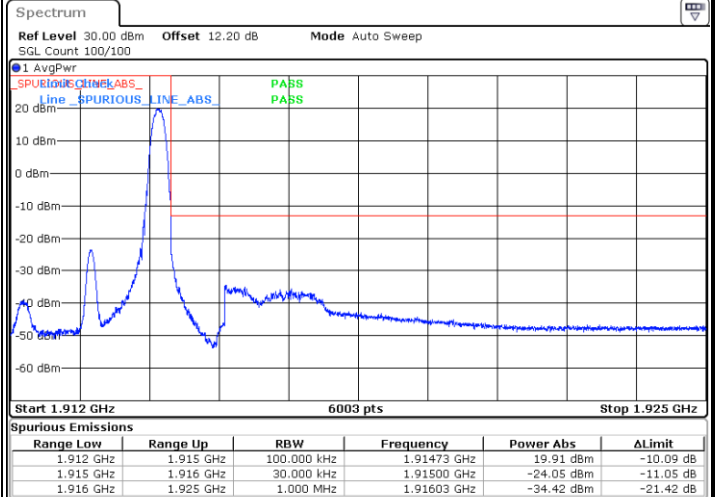
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



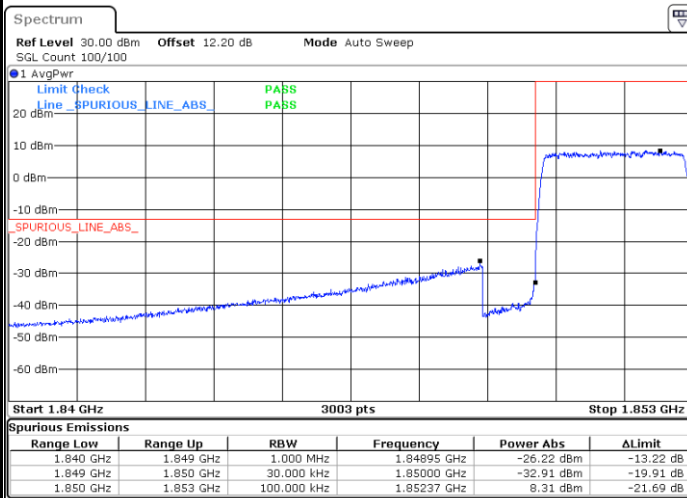
Date: 2.MAR.2022 15:20:57

Highest Band Edge / 1 RB



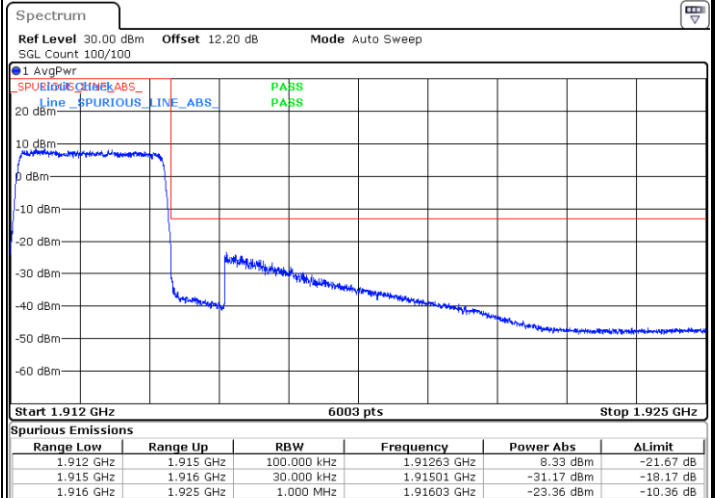
Date: 2.MAR.2022 15:24:25

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:21:50

Highest Band Edge / Full RB

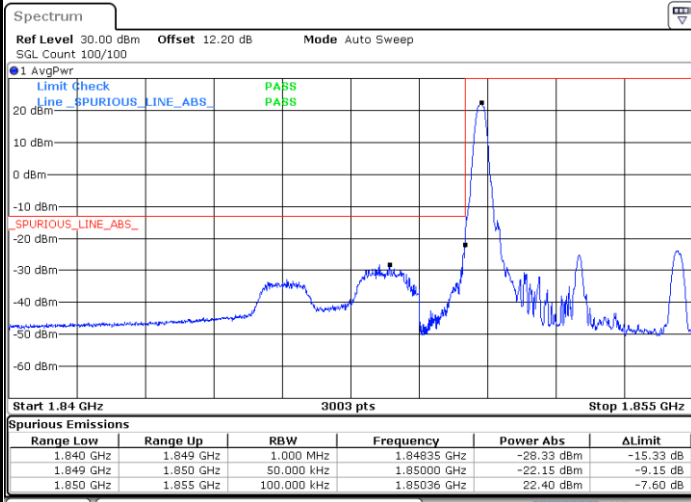


Date: 2.MAR.2022 15:23:32

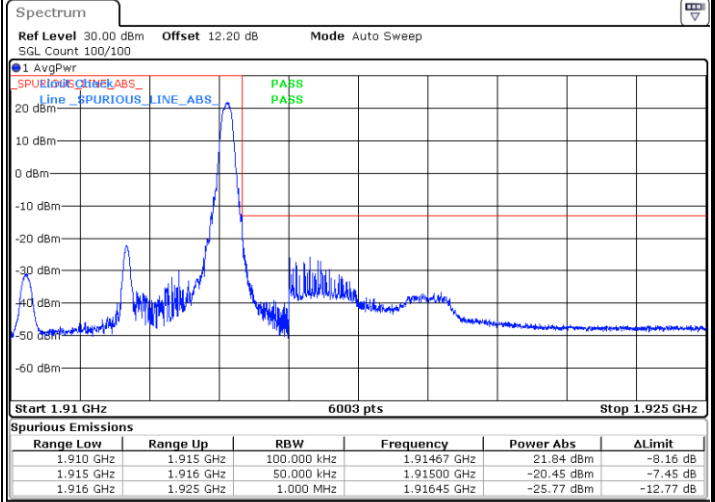


LTE Band 25 / 5MHz / QPSK

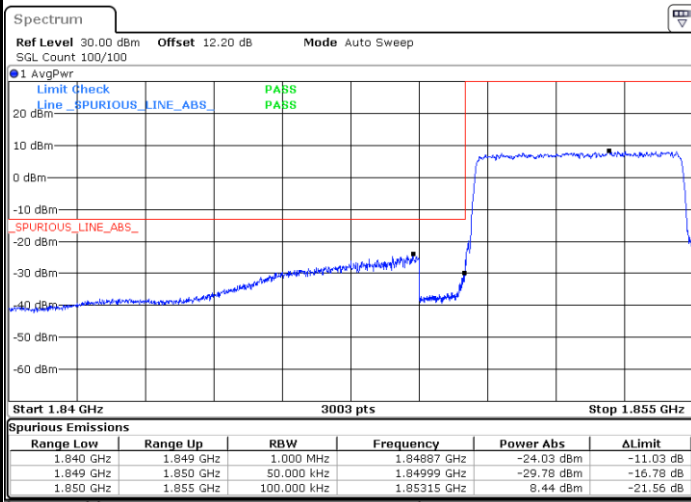
Lowest Band Edge / 1 RB



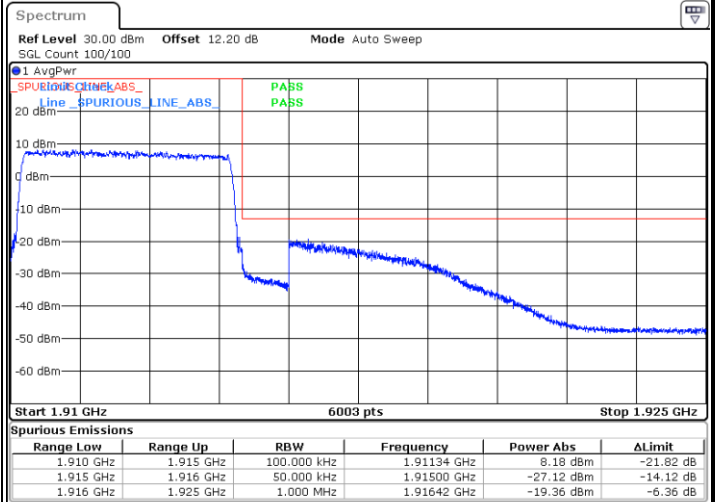
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



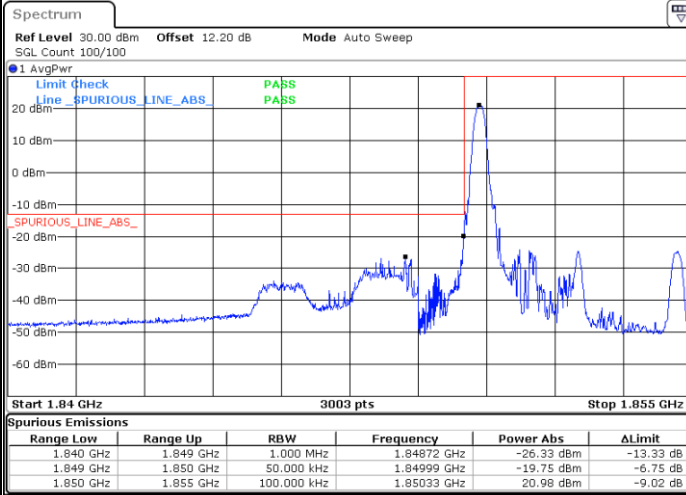
Highest Band Edge / Full RB





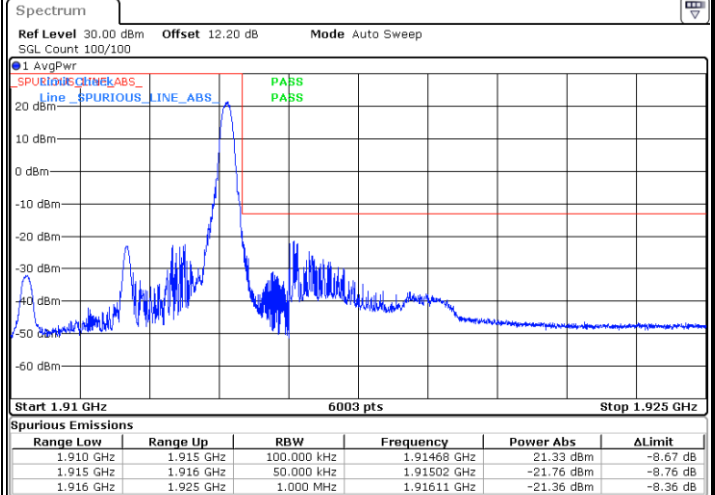
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



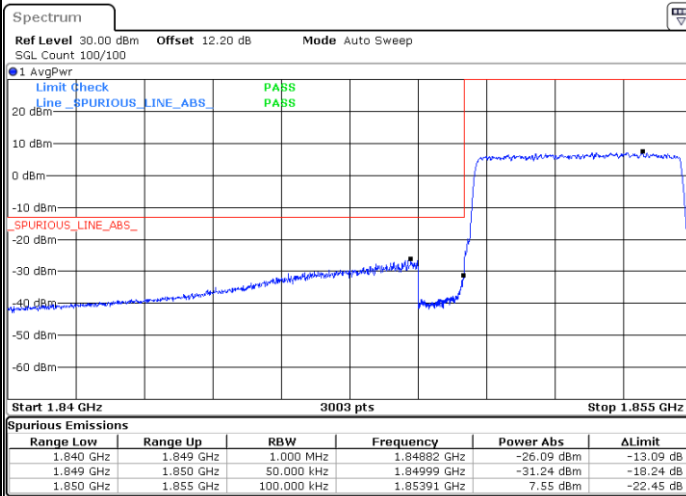
Date: 2.MAR.2022 15:37:39

Highest Band Edge / 1 RB



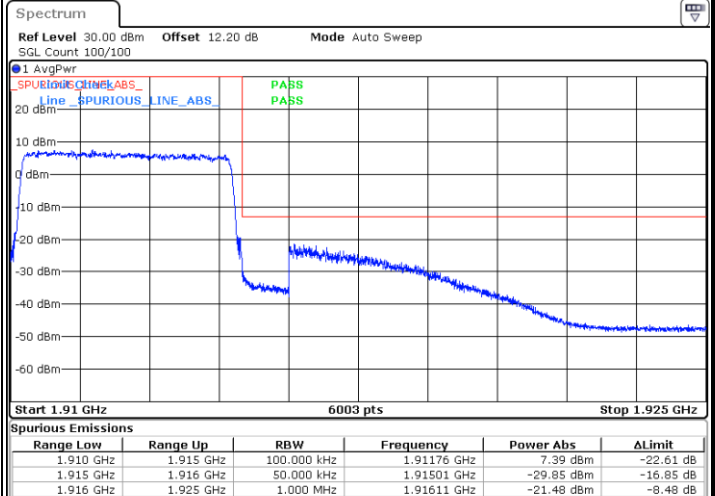
Date: 2.MAR.2022 15:45:30

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:39:25

Highest Band Edge / Full RB

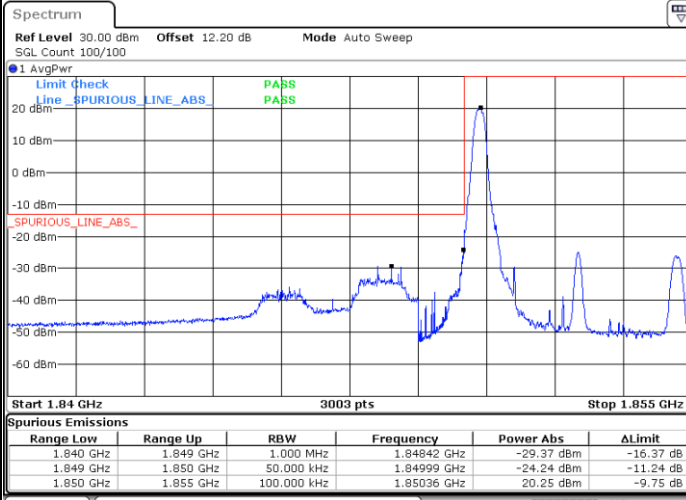


Date: 2.MAR.2022 15:44:37



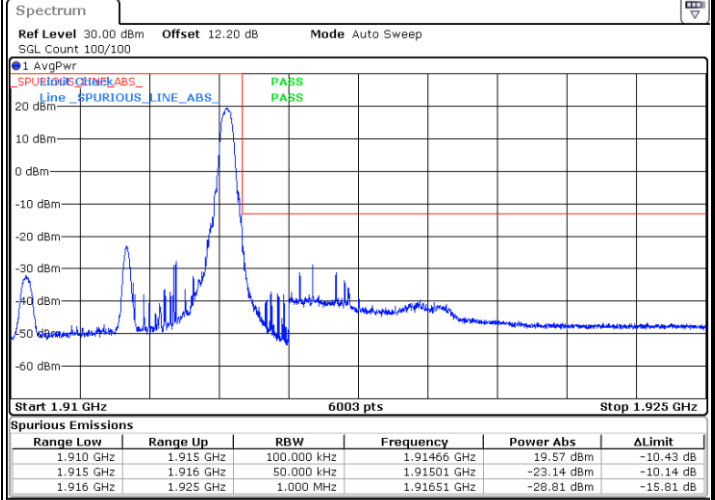
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



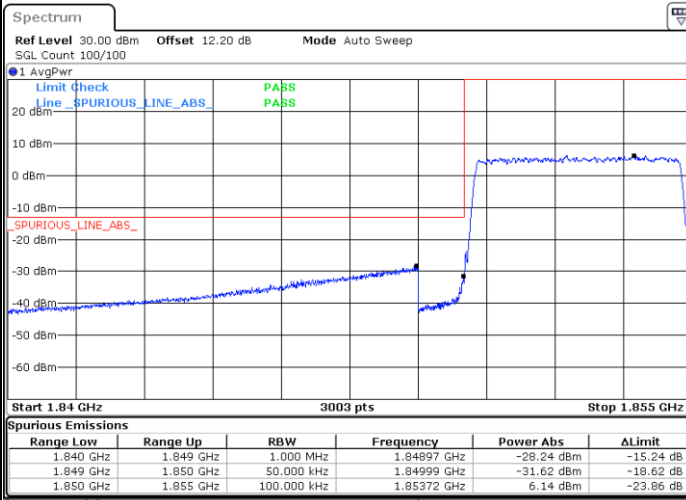
Date: 2.MAR.2022 15:48:11

Highest Band Edge / 1 RB



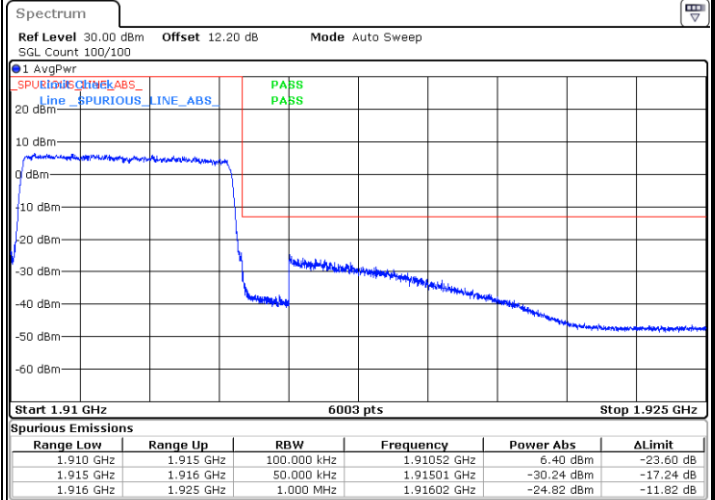
Date: 2.MAR.2022 15:51:39

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:49:04

Highest Band Edge / Full RB

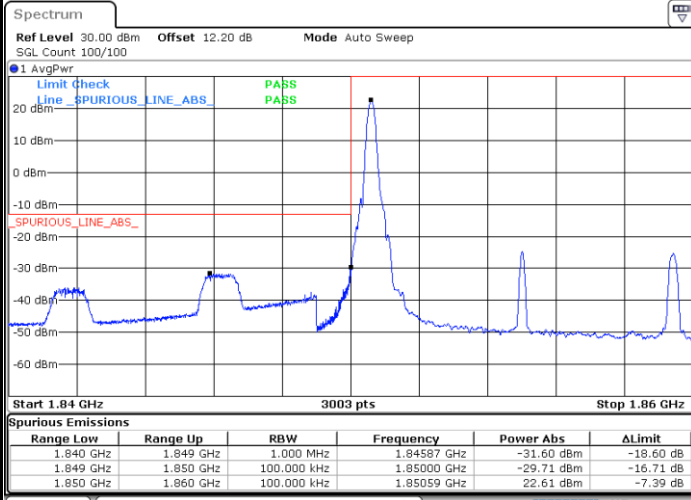


Date: 2.MAR.2022 15:50:46



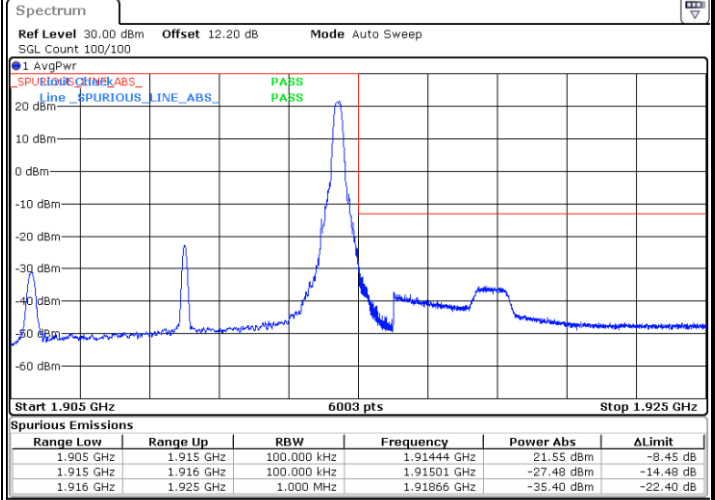
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



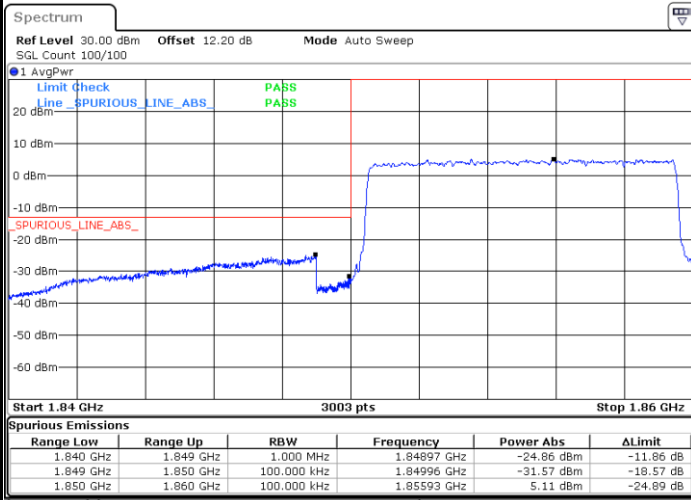
Date: 2.MAR.2022 15:52:34

Highest Band Edge / 1 RB



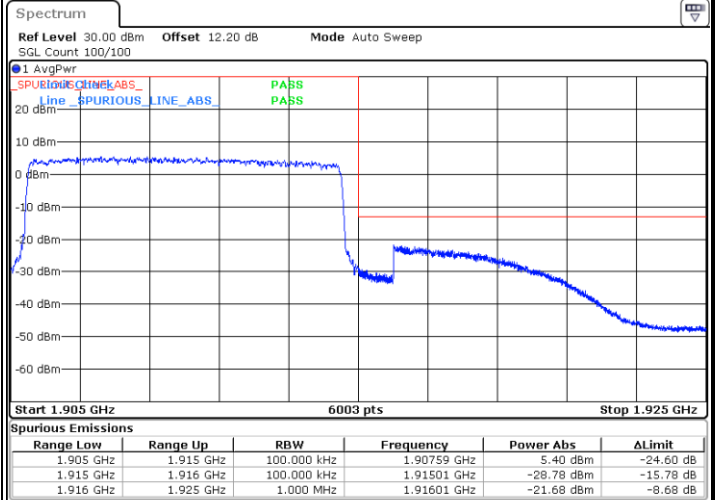
Date: 2.MAR.2022 16:02:13

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:54:21

Highest Band Edge / Full RB

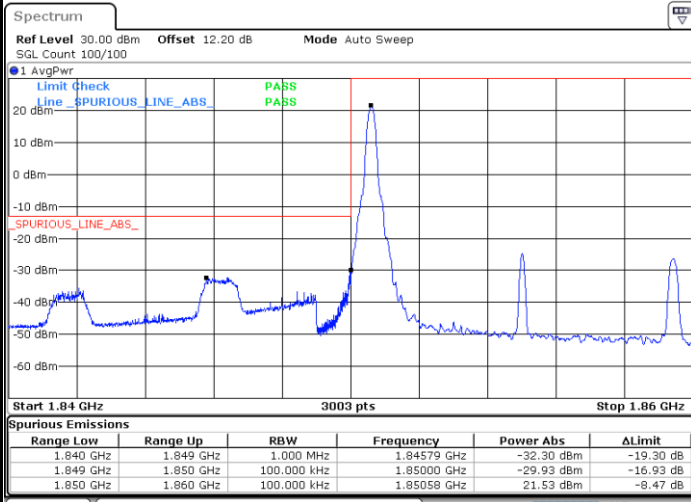


Date: 2.MAR.2022 15:59:33



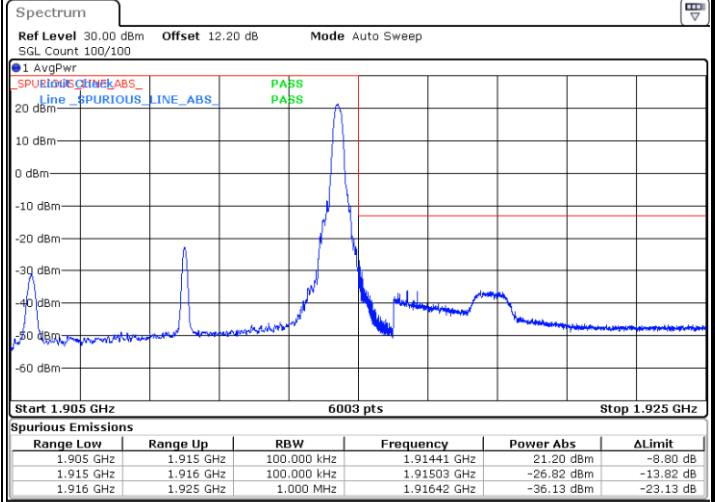
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



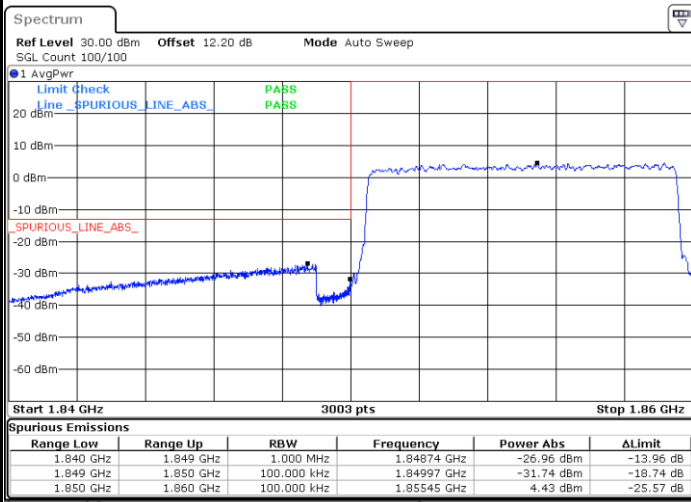
Date: 2.MAR.2022 15:53:28

Highest Band Edge / 1 RB



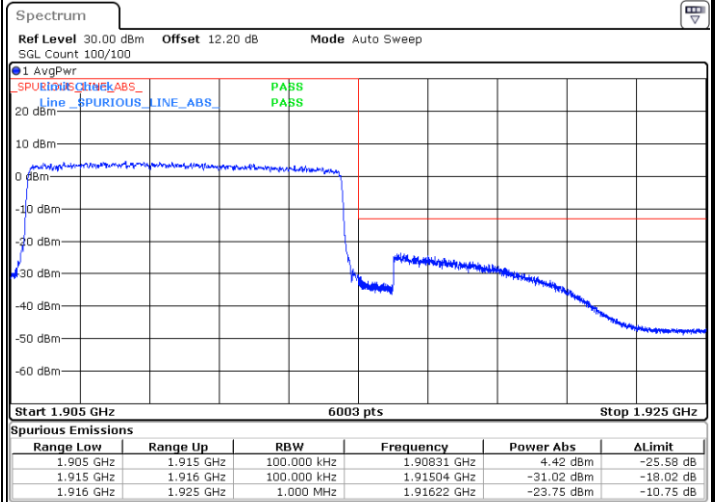
Date: 2.MAR.2022 16:01:19

Lowest Band Edge / Full RB



Date: 2.MAR.2022 15:55:15

Highest Band Edge / Full RB



Date: 2.MAR.2022 16:00:26