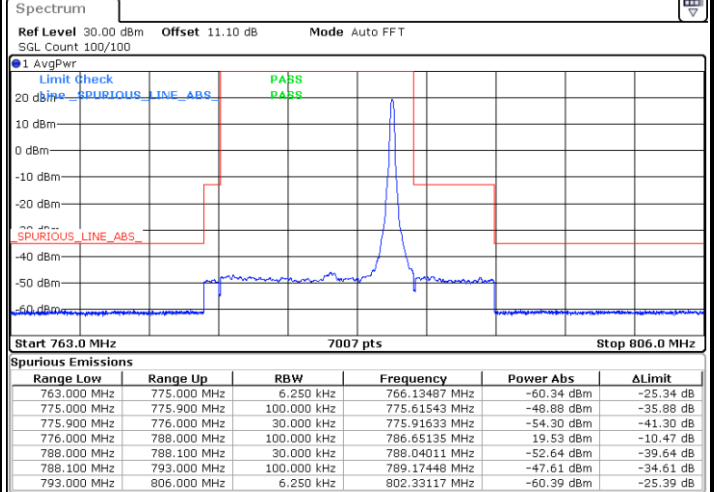
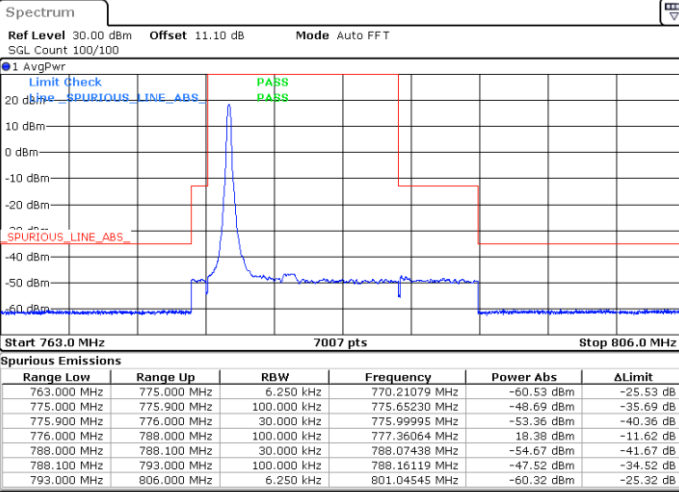




LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

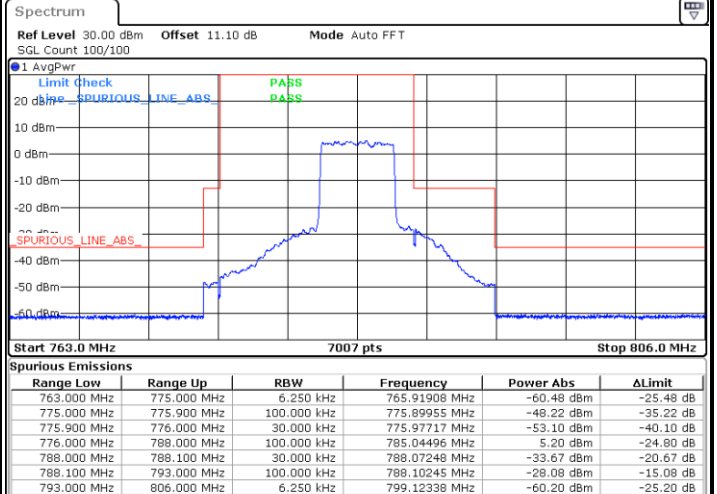
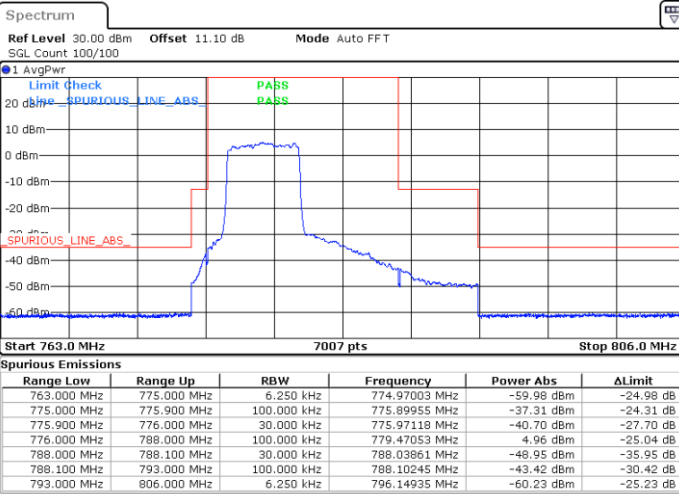


Date: 12.JUN.2021 11:01:20

Date: 12.JUN.2021 11:12:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2021 10:59:29

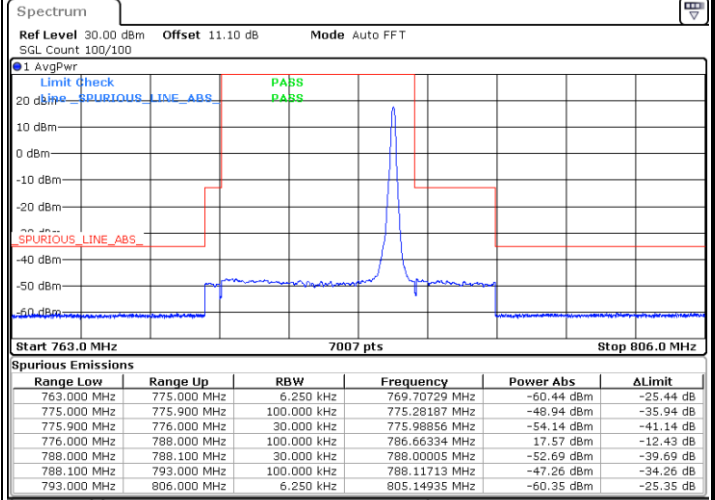
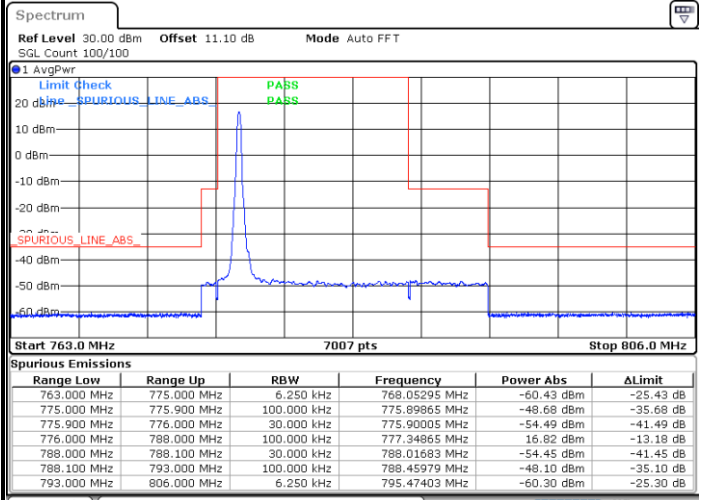
Date: 12.JUN.2021 11:10:11



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

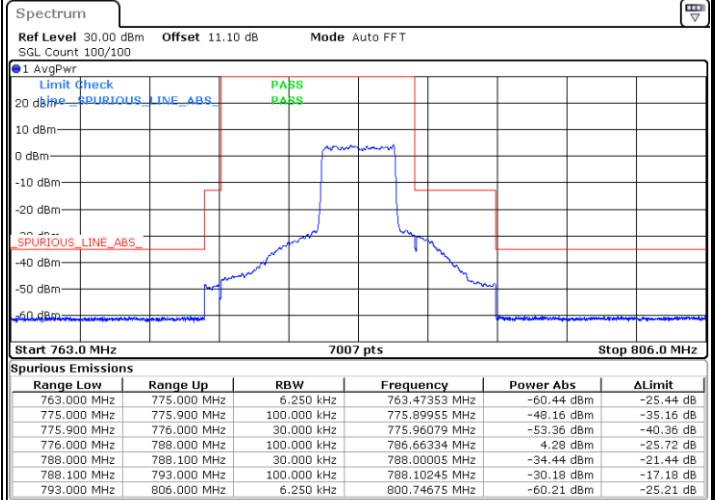
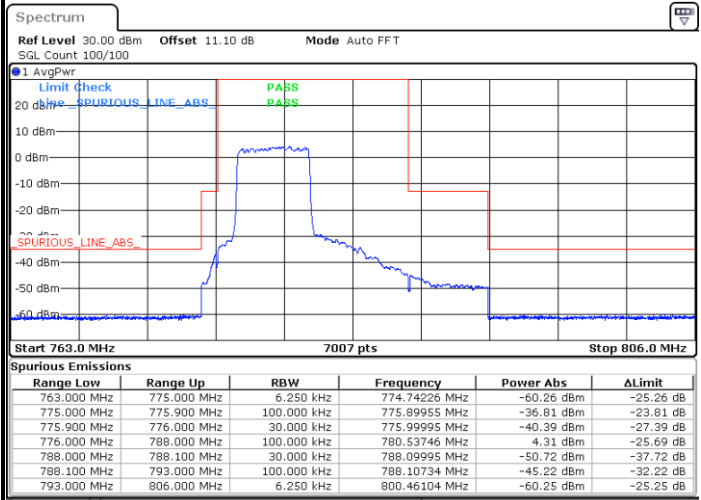


Date: 12.JUN.2021 11:18:30

Date: 12.JUN.2021 11:22:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



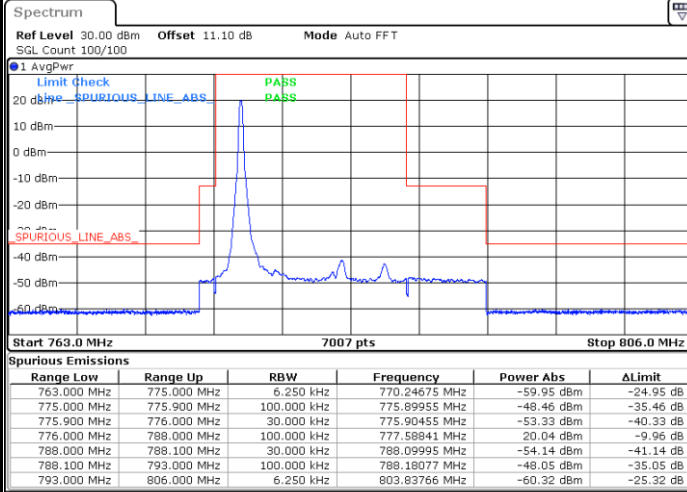
Date: 12.JUN.2021 11:16:39

Date: 12.JUN.2021 11:21:05



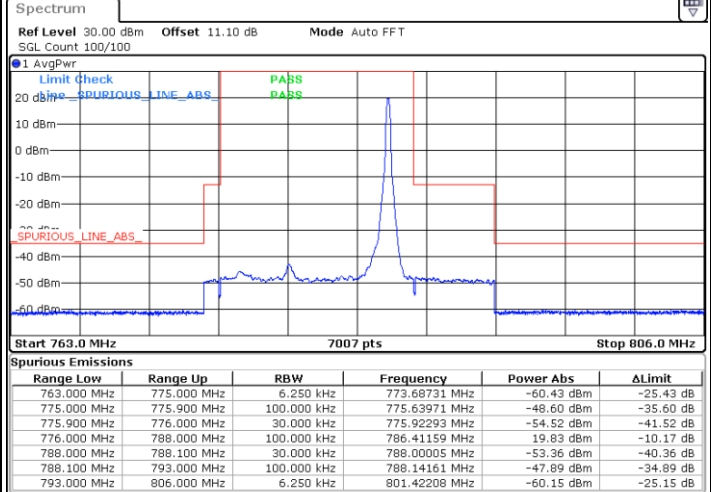
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



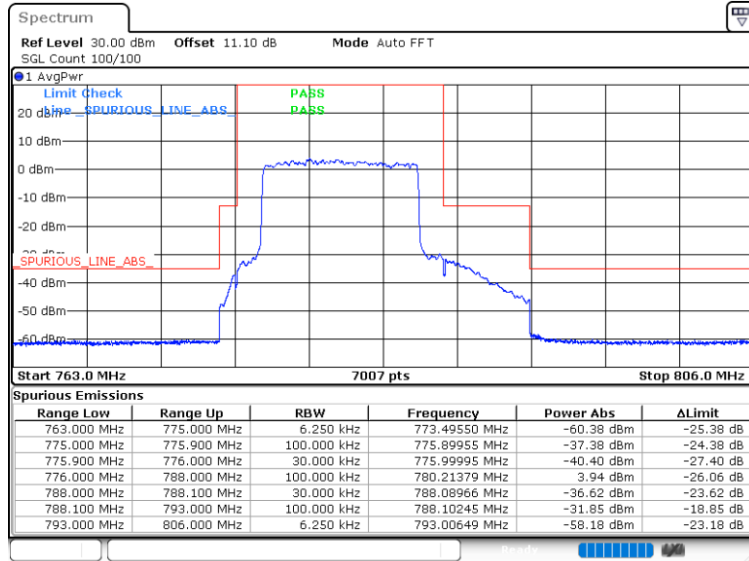
Date: 12.JUN.2021 11:31:45

Highest Band Edge / 1 RB



Date: 12.JUN.2021 11:33:35

Band Edge / Full RB

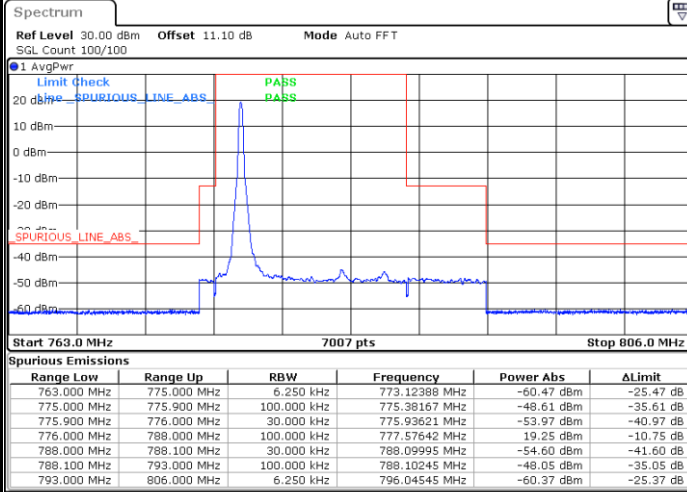


Date: 12.JUN.2021 11:26:14



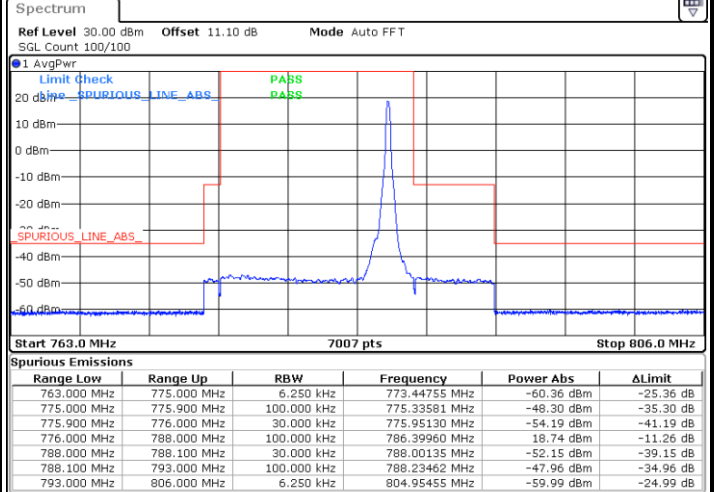
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



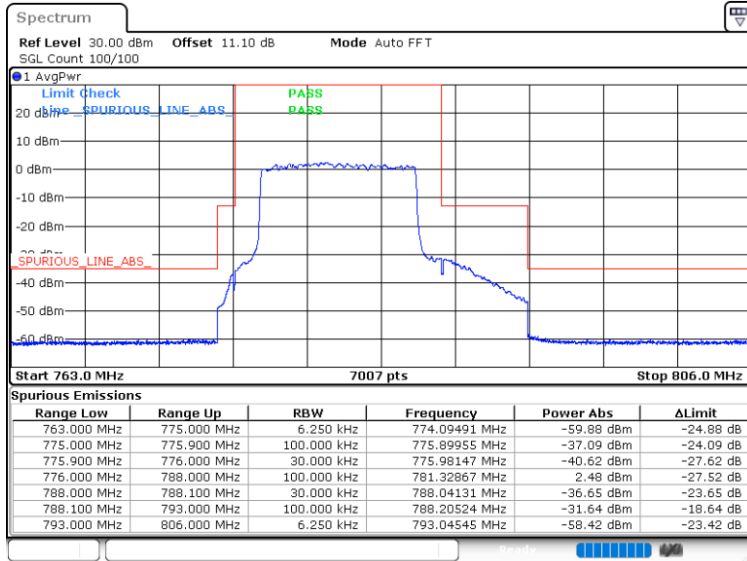
Date: 12.JUN.2021 11:29:54

Highest Band Edge / 1 RB



Date: 12.JUN.2021 11:35:26

Band Edge / Full RB



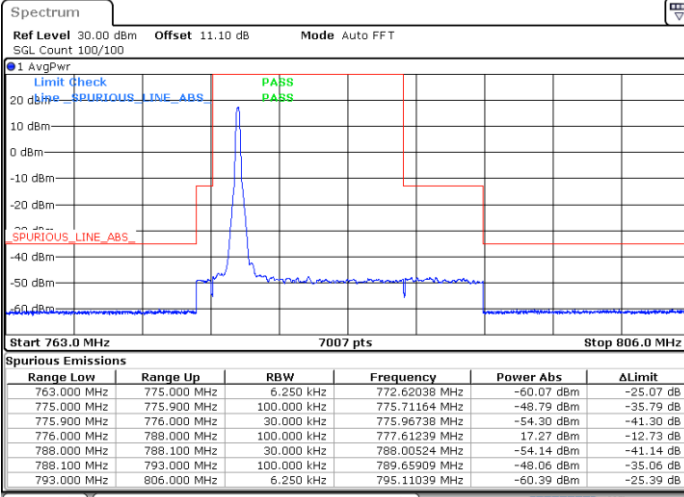
Date: 12.JUN.2021 11:28:04



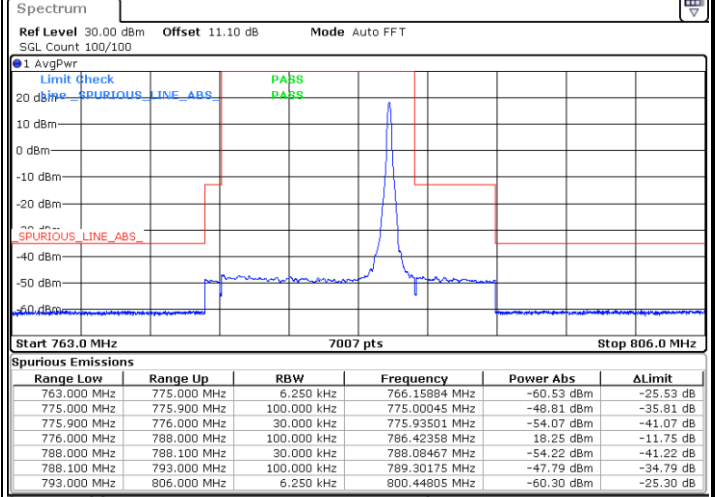
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

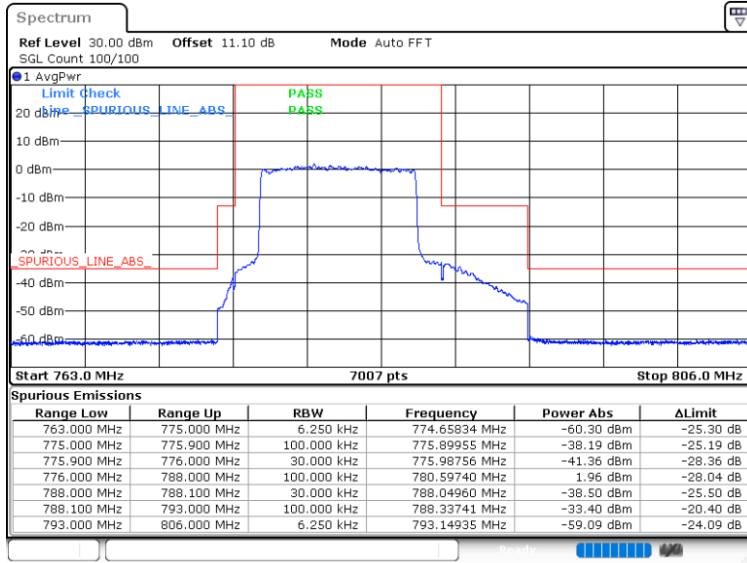


Date: 12.JUN.2021 11:40:45



Date: 12.JUN.2021 11:42:36

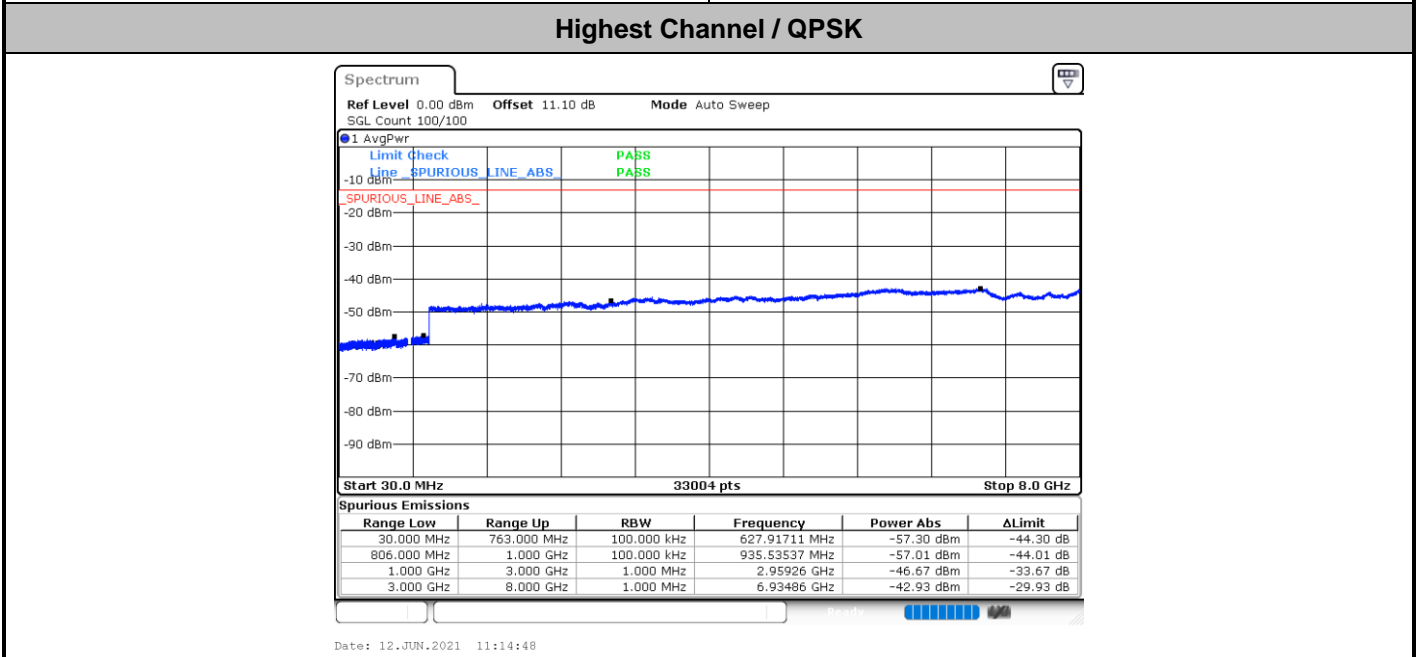
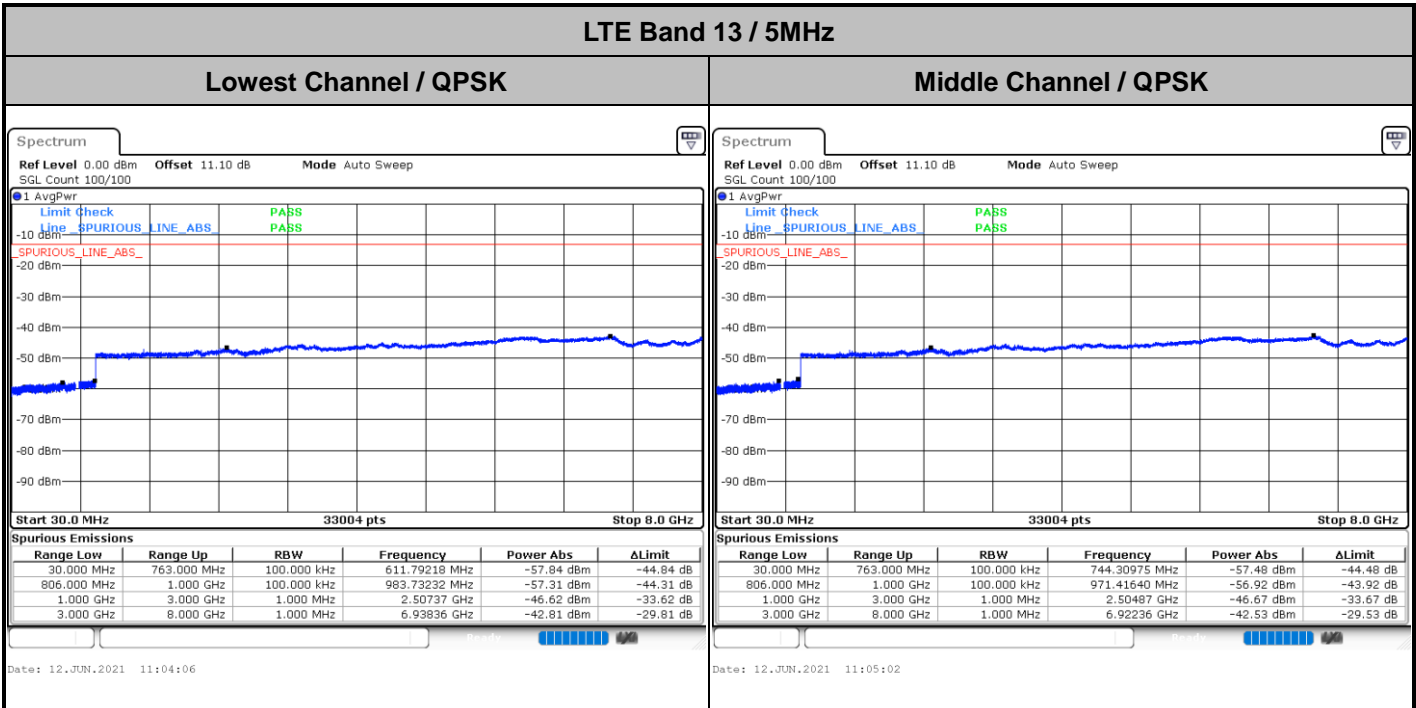
Band Edge / Full RB



Date: 12.JUN.2021 11:38:55



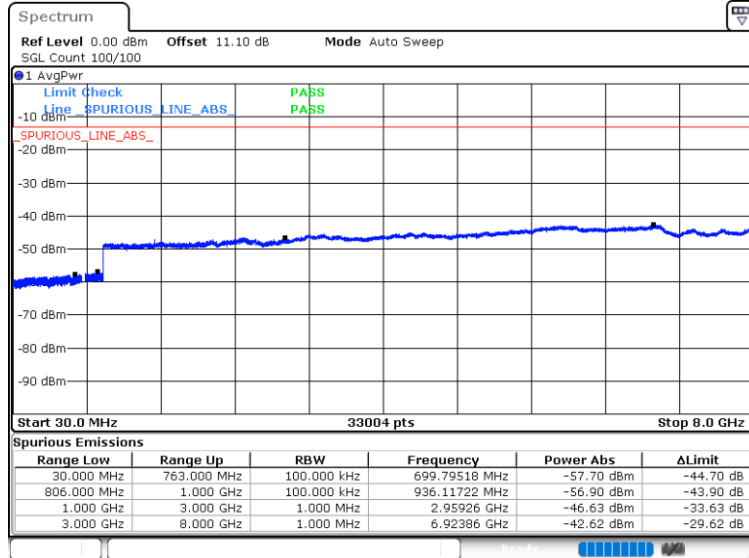
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 12 JUN 2021 11:36:20



### Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
40	Normal Voltage	0.0093	PASS
30	Normal Voltage	0.0083	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0090	
-20	Normal Voltage	0.0017	
20	Maximum Voltage	0.0086	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

**Note:**

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.
- 3. EUT can't operate outside the temperatures between -20 °C and 40 °C.

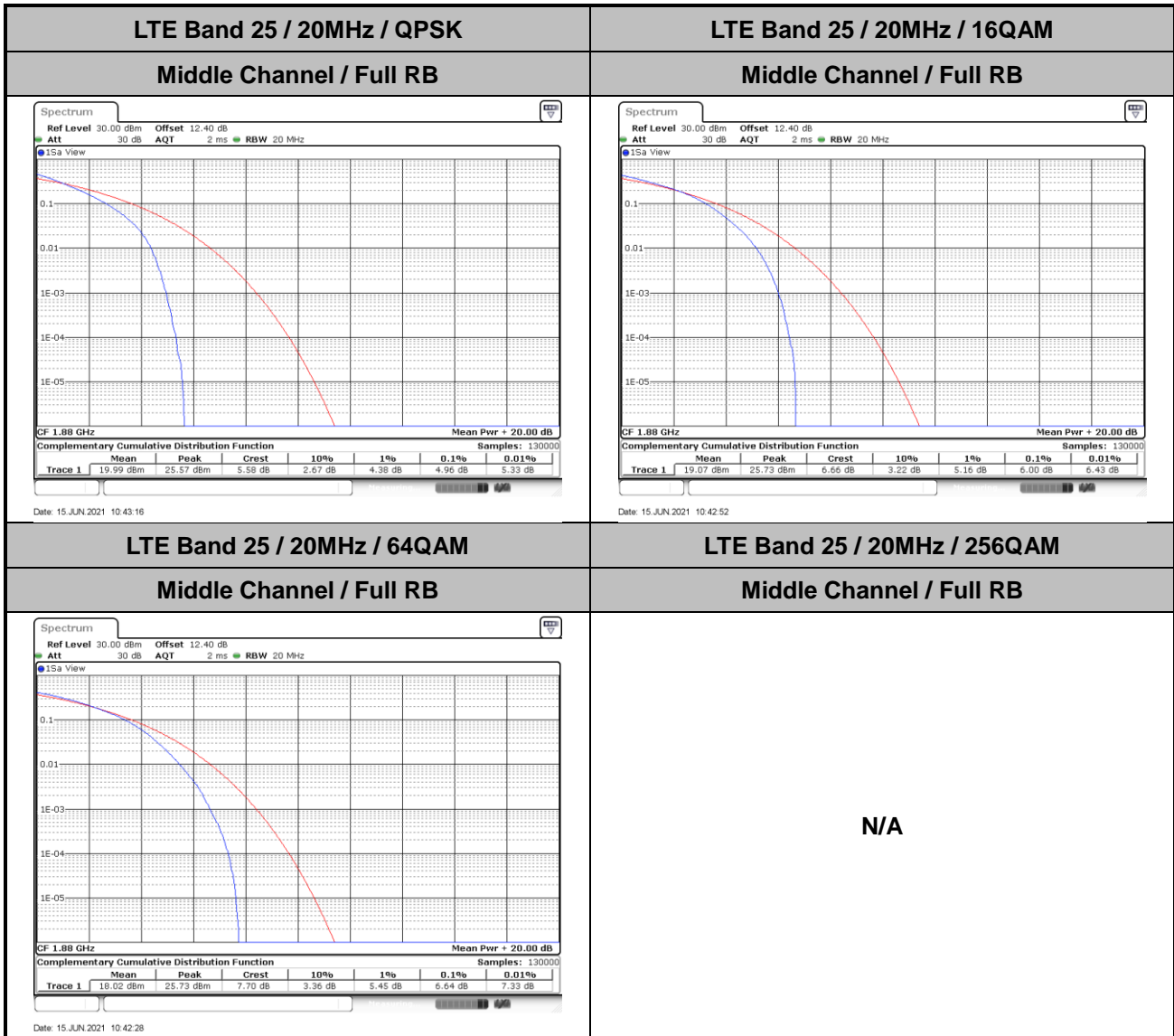




# LTE Band 25

## Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.96	6.00	6.64	PASS





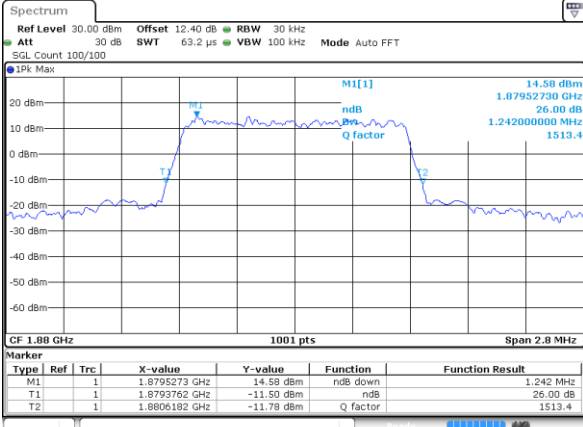
**26dB Bandwidth**

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	1.24	1.24	3.03	2.99	4.92	4.95	9.73	9.69	14.57	14.36	18.94	19.02
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	1.24	-	3.02	-	4.82	-	9.89	-	14.36	-	19.26	-



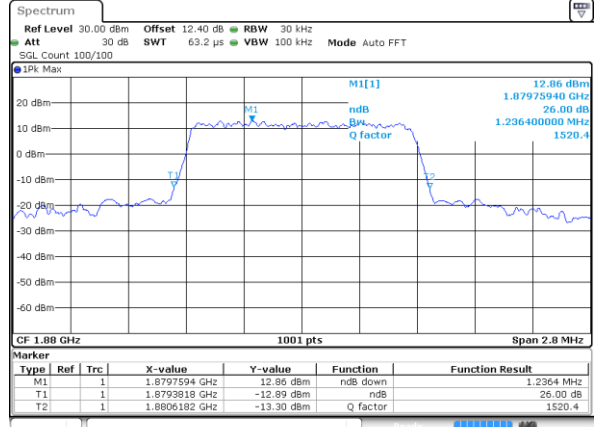
LTE Band 25

Middle Channel / 1.4MHz / QPSK



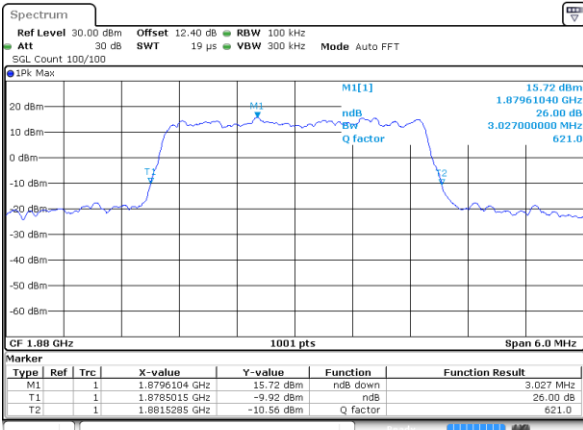
Date: 15 JUN 2021 09:22:23

Middle Channel / 1.4MHz / 16QAM



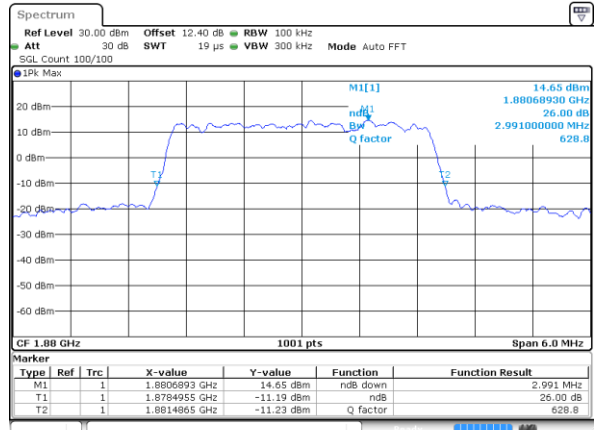
Date: 15 JUN 2021 09:22:44

Middle Channel / 3MHz / QPSK



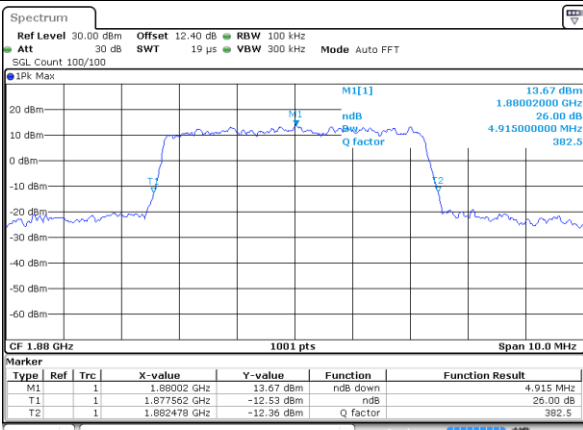
Date: 15 JUN 2021 09:40:00

Middle Channel / 3MHz / 16QAM



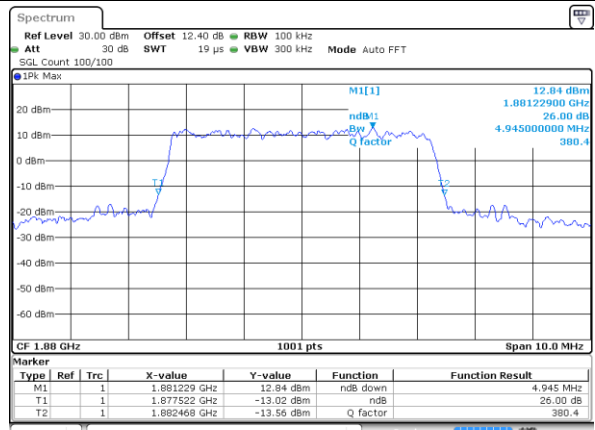
Date: 15 JUN 2021 09:40:21

Middle Channel / 5MHz / QPSK



Date: 15 JUN 2021 09:50:38

Middle Channel / 5MHz / 16QAM

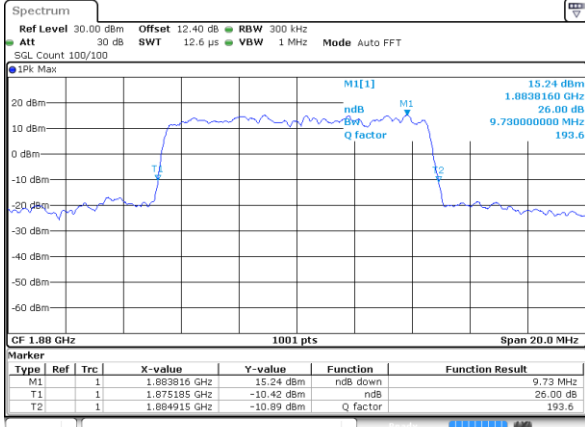


Date: 15 JUN 2021 09:50:59



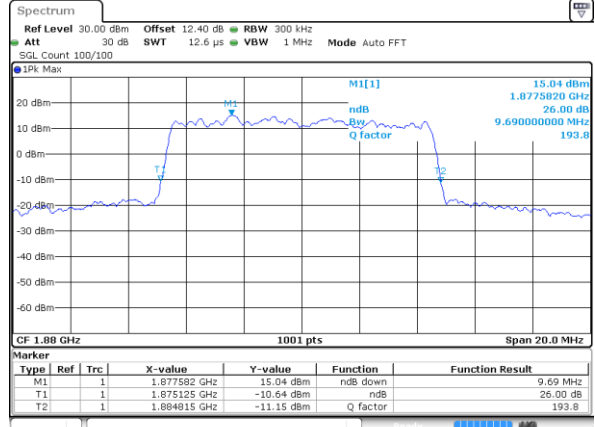
LTE Band 25

Middle Channel / 10MHz / QPSK



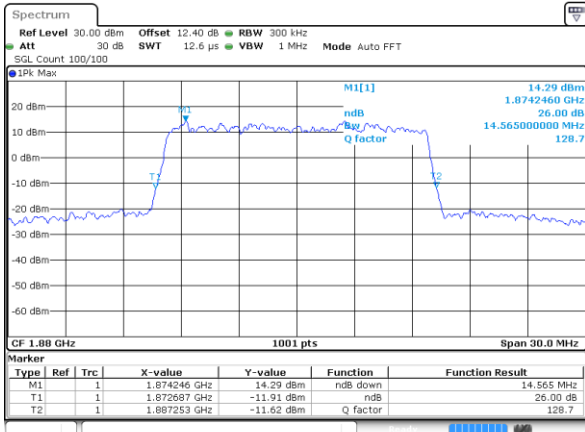
Date: 15 JUN 2021 10:04:46

Middle Channel / 10MHz / 16QAM



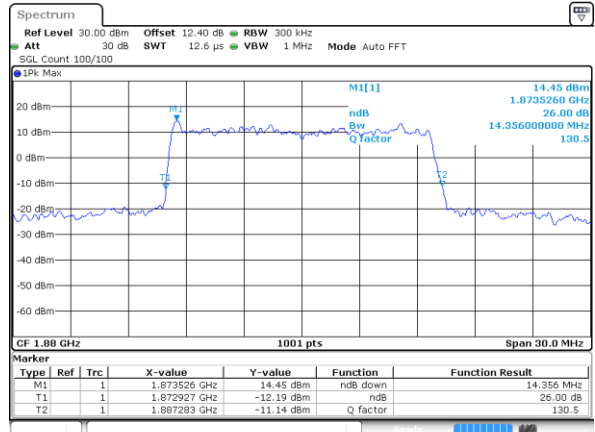
Date: 15 JUN 2021 10:05:07

Middle Channel / 15MHz / QPSK



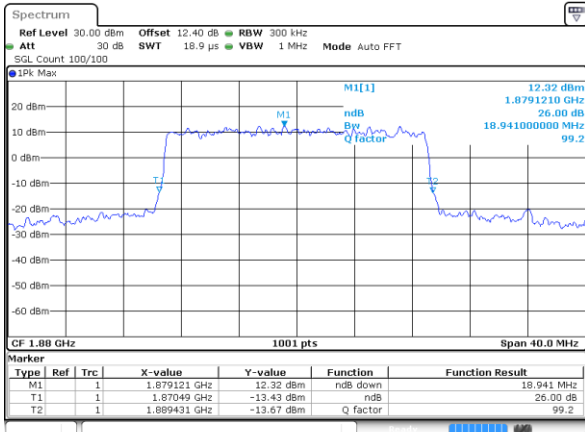
Date: 15 JUN 2021 10:22:24

Middle Channel / 15MHz / 16QAM



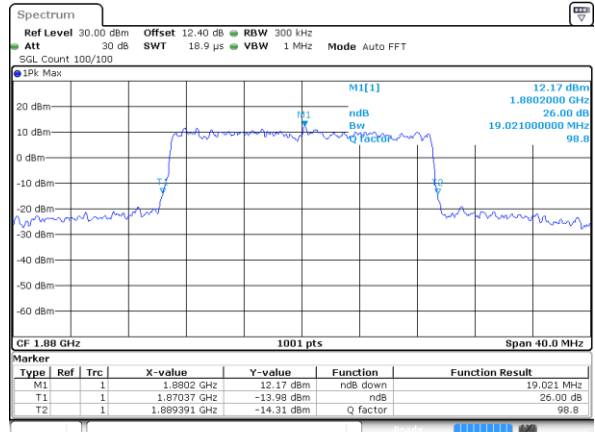
Date: 15 JUN 2021 10:22:46

Middle Channel / 20MHz / QPSK



Date: 15 JUN 2021 10:33:02

Middle Channel / 20MHz / 16QAM

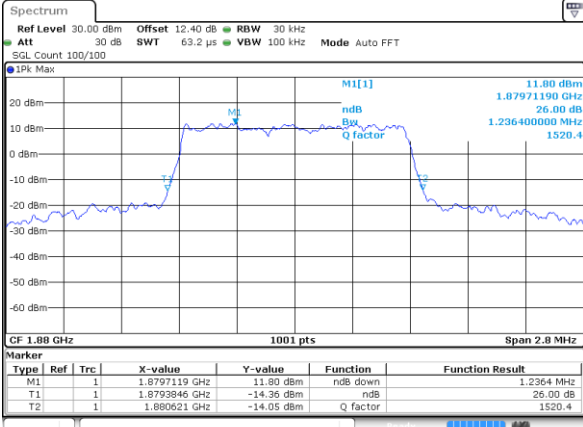


Date: 15 JUN 2021 10:33:24



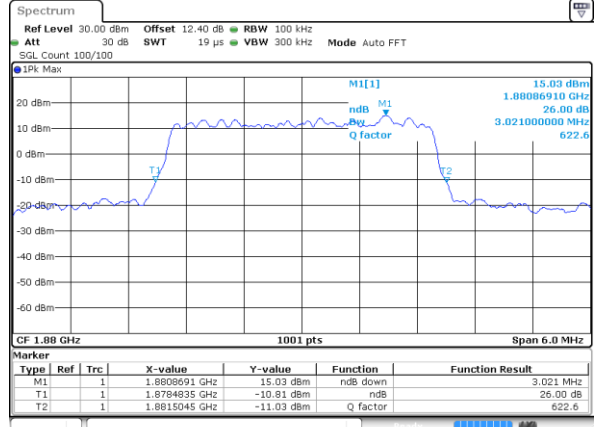
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



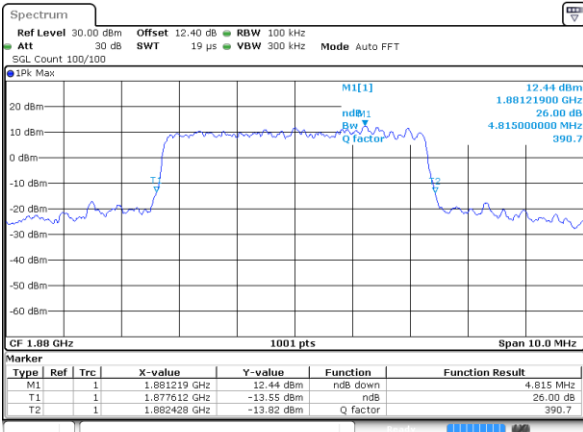
Date: 15 JUN 2021 09:30:01

Middle Channel / 3MHz / 64QAM



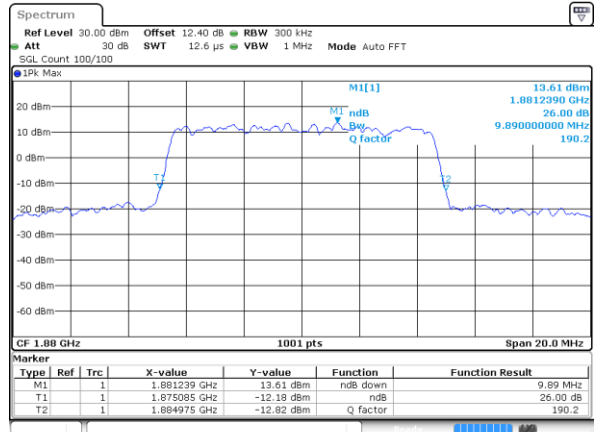
Date: 15 JUN 2021 09:33:32

Middle Channel / 5MHz / 64QAM



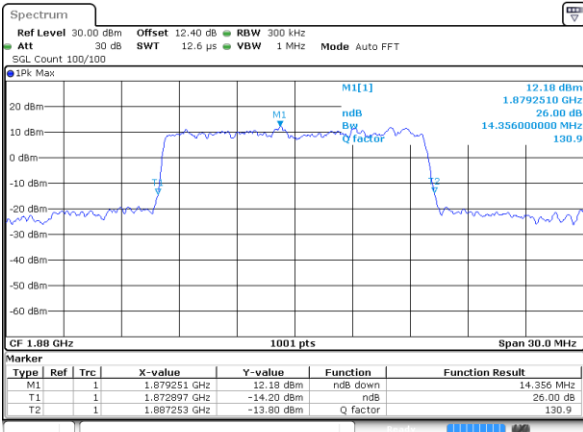
Date: 15 JUN 2021 09:58:17

Middle Channel / 10MHz / 64QAM



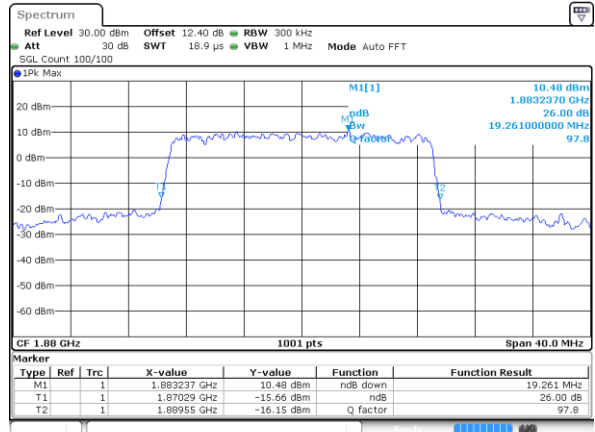
Date: 15 JUN 2021 10:12:24

Middle Channel / 15MHz / 64QAM



Date: 15 JUN 2021 10:15:56

Middle Channel / 20MHz / 64QAM



Date: 15 JUN 2021 10:40:42



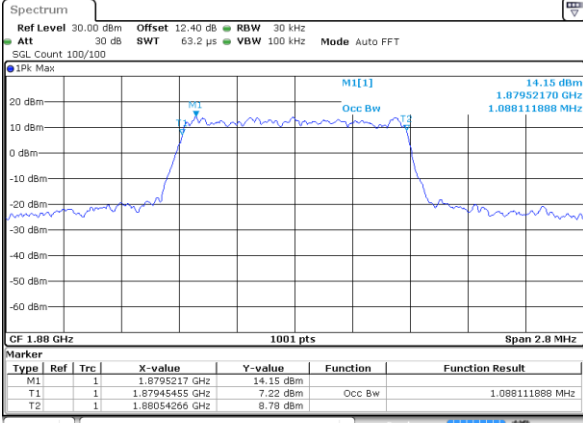
**Occupied Bandwidth**

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	1.09	2.73	2.75	4.48	4.50	9.03	8.97	13.43	13.43	17.82	17.82
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	-	4.51	-	9.01	-	13.43	-	17.82	-



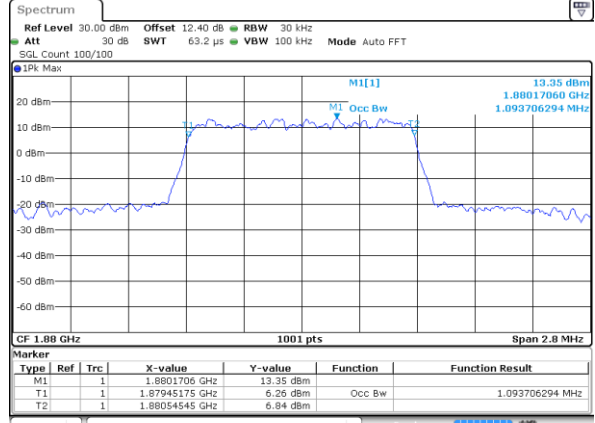
LTE Band 25

Middle Channel / 1.4MHz / QPSK



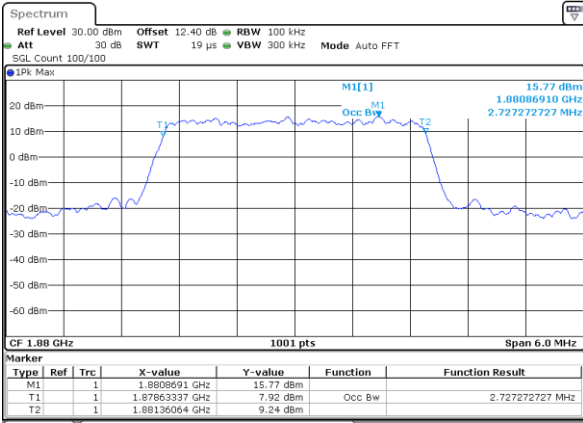
Date: 15 JUN 2021 09:21:40

Middle Channel / 1.4MHz / 16QAM



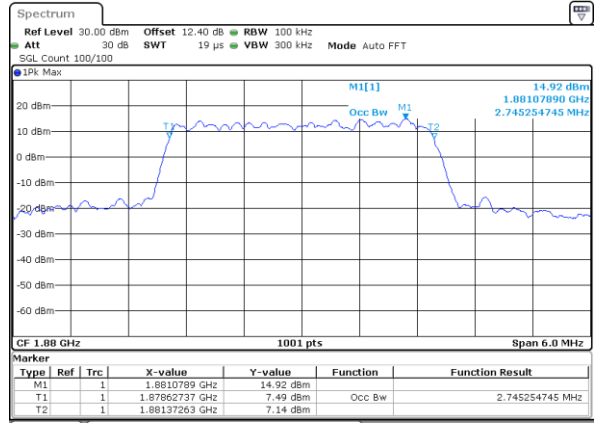
Date: 15 JUN 2021 09:22:01

Middle Channel / 3MHz / QPSK



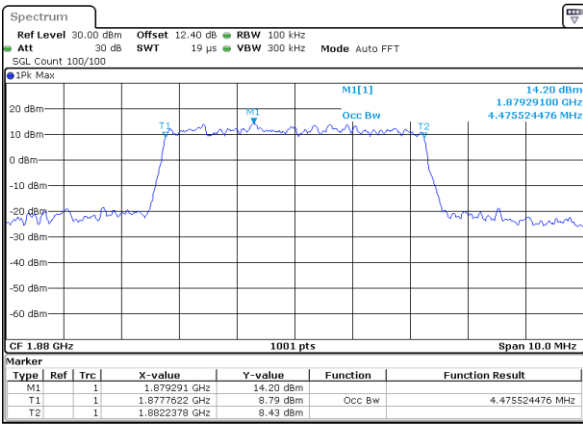
Date: 15 JUN 2021 09:39:17

Middle Channel / 3MHz / 16QAM



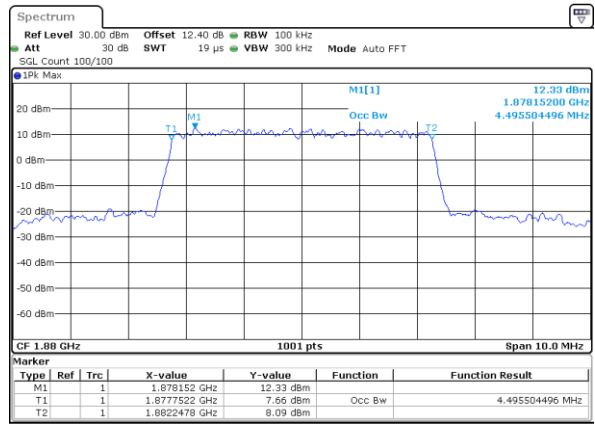
Date: 15 JUN 2021 09:39:38

Middle Channel / 5MHz / QPSK



Date: 15 JUN 2021 09:49:55

Middle Channel / 5MHz / 16QAM

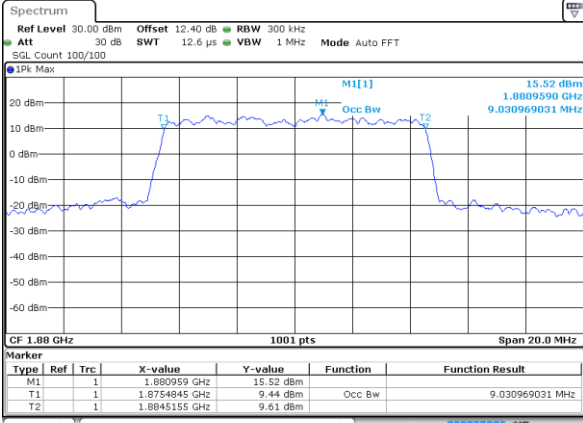


Date: 15 JUN 2021 09:50:16



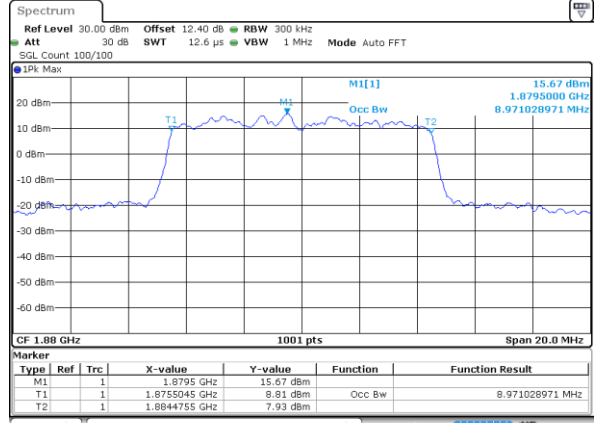
LTE Band 25

Middle Channel / 10MHz / QPSK



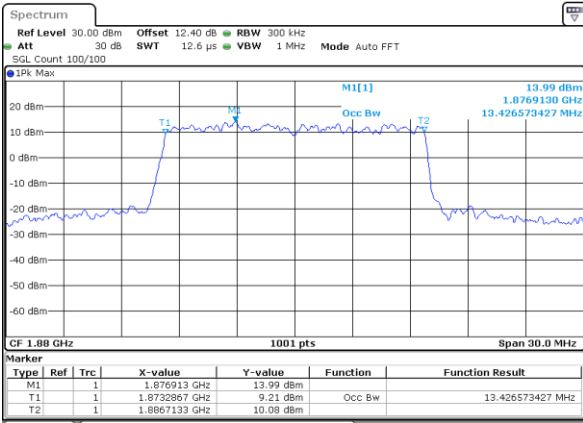
Date: 15 JUN 2021 10:04:02

Middle Channel / 10MHz / 16QAM



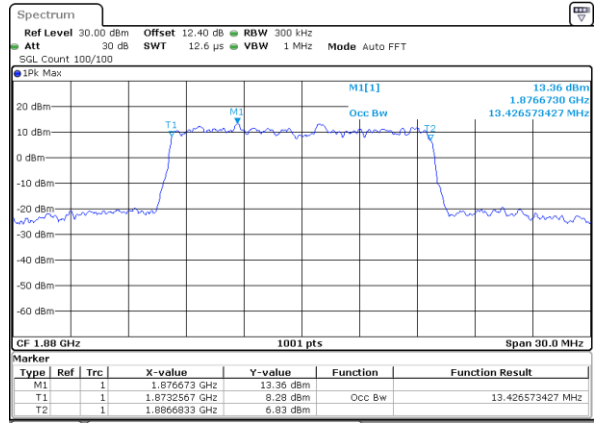
Date: 15 JUN 2021 10:04:24

Middle Channel / 15MHz / QPSK



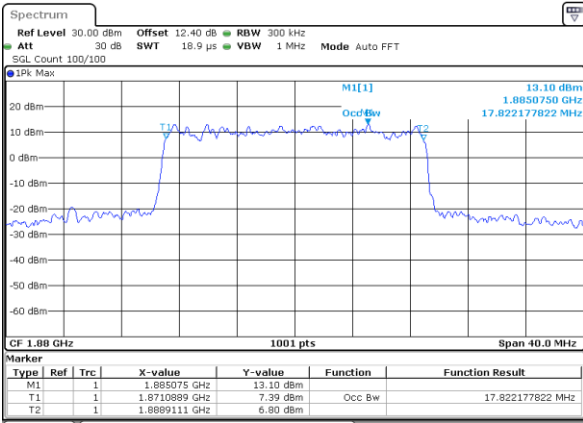
Date: 15 JUN 2021 10:21:41

Middle Channel / 15MHz / 16QAM



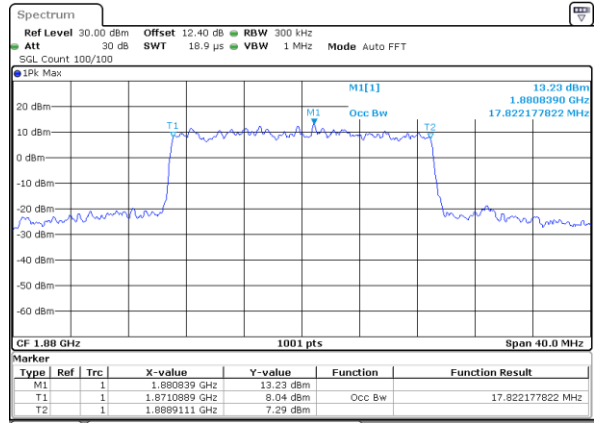
Date: 15 JUN 2021 10:22:03

Middle Channel / 20MHz / QPSK



Date: 15 JUN 2021 10:32:19

Middle Channel / 20MHz / 16QAM



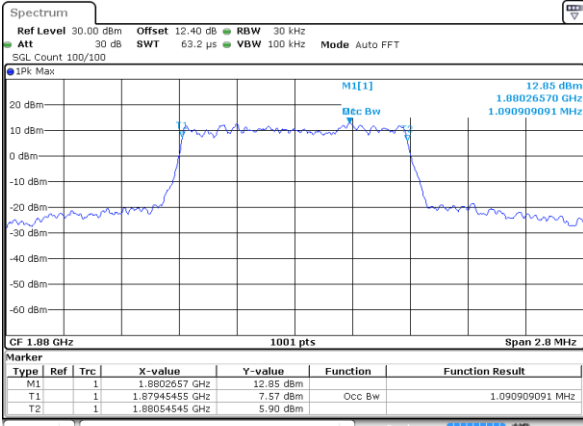
Date: 15 JUN 2021 10:32:41



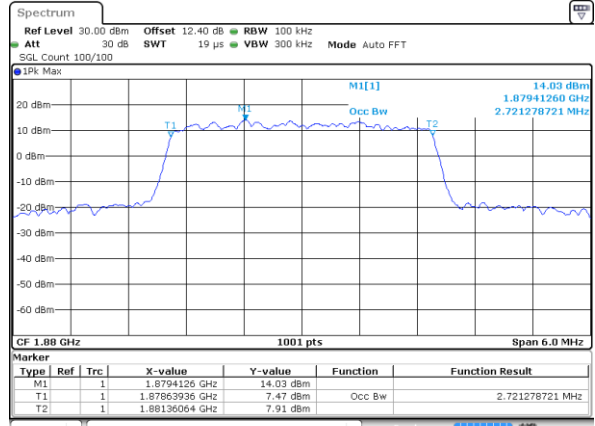


LTE Band 25

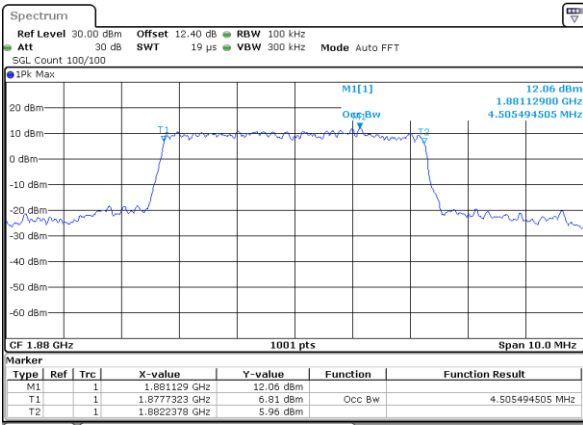
Middle Channel / 1.4MHz / 64QAM



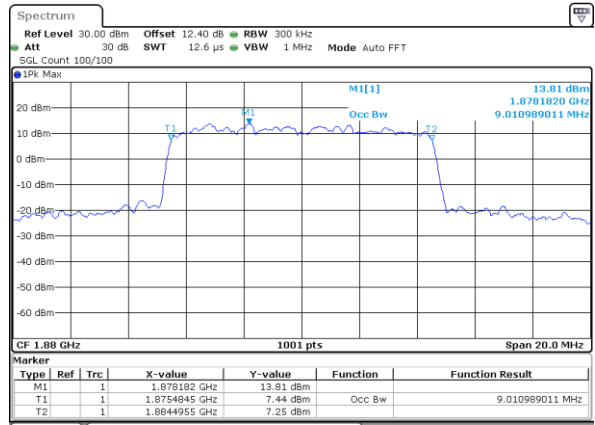
Middle Channel / 3MHz / 64QAM



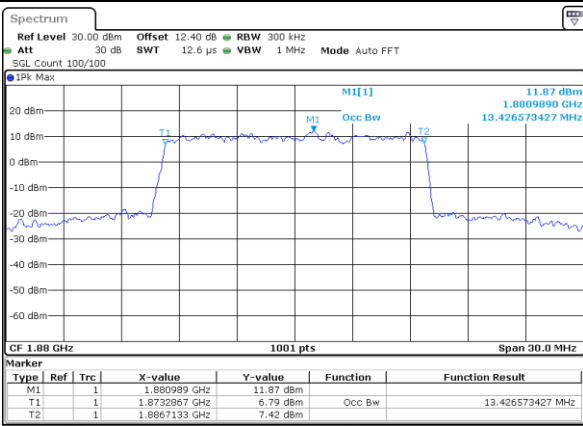
Middle Channel / 5MHz / 64QAM



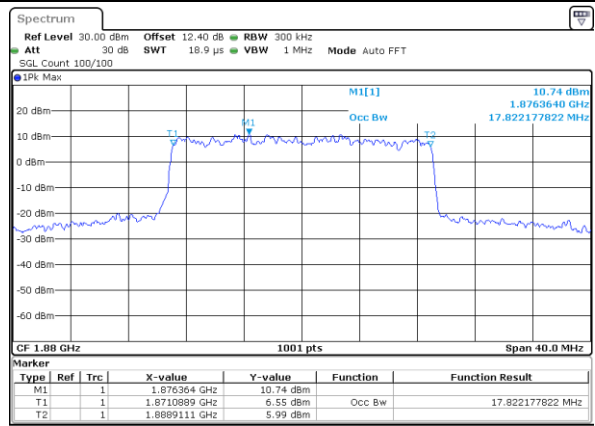
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

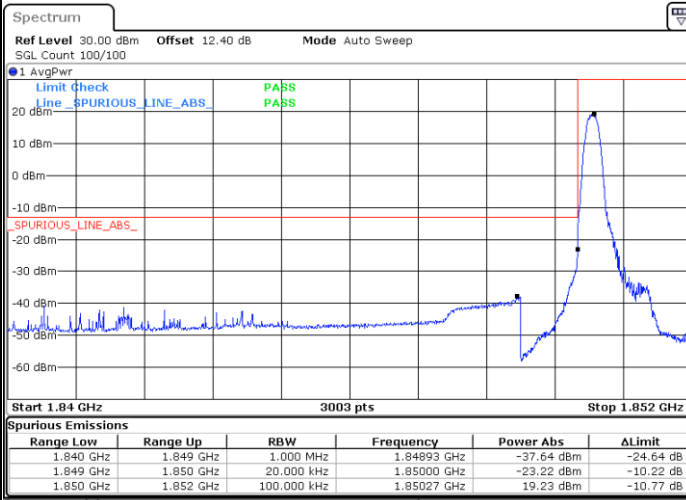




# Conducted Band Edge

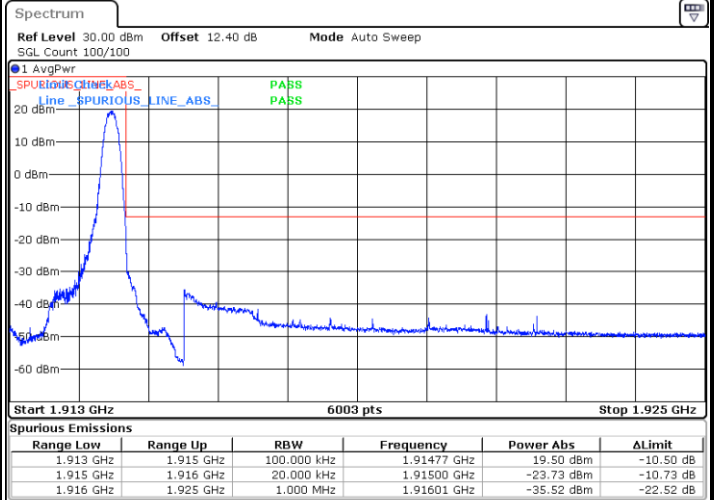
## LTE Band 25 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



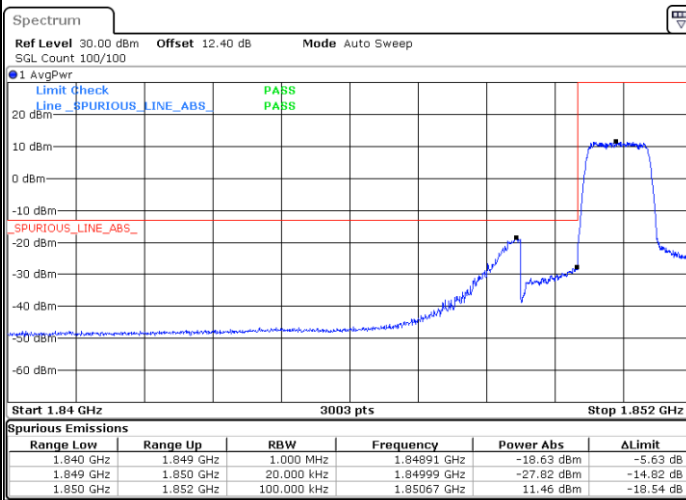
Date: 15 JUN 2021 09:18:00

### Highest Band Edge / 1RB



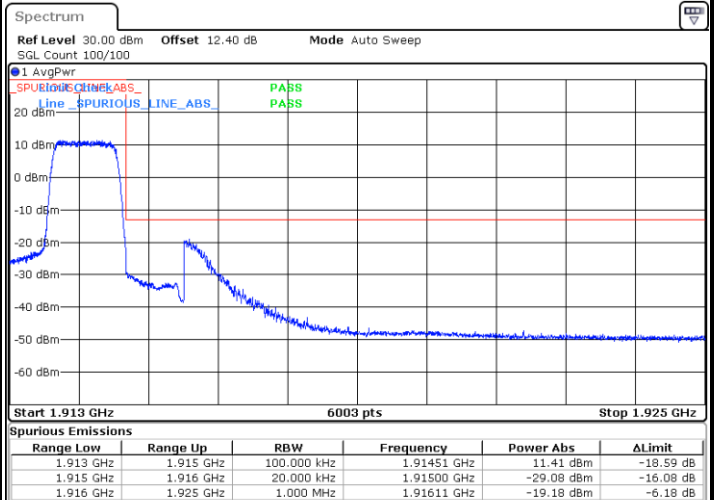
Date: 15 JUN 2021 09:26:42

### Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:19:23

### Highest Band Edge / Full RB

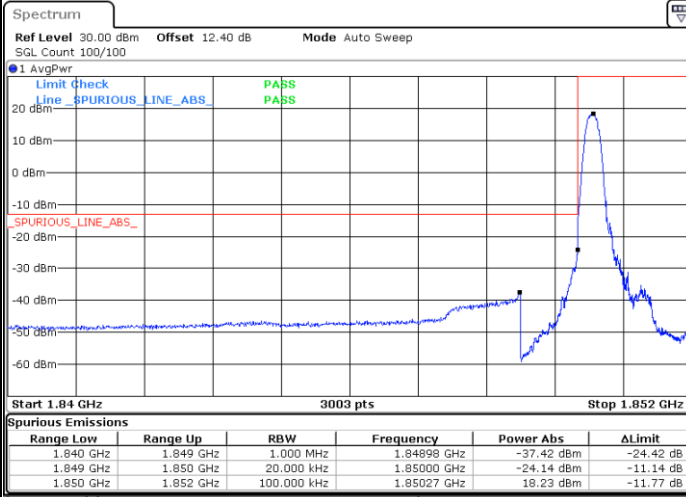


Date: 15 JUN 2021 09:24:37



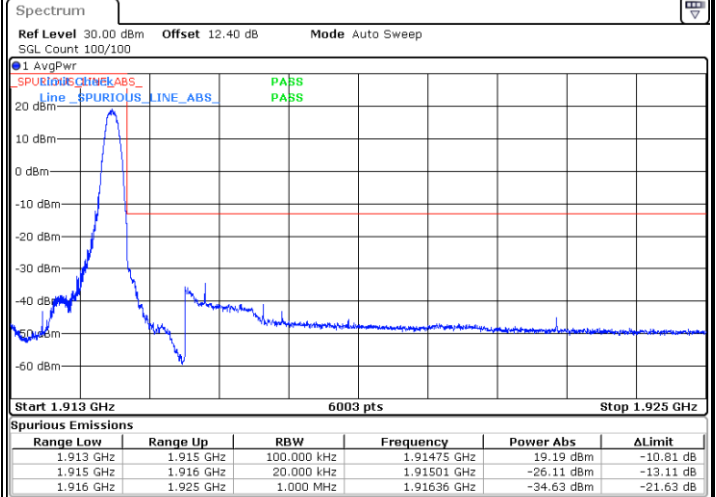
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



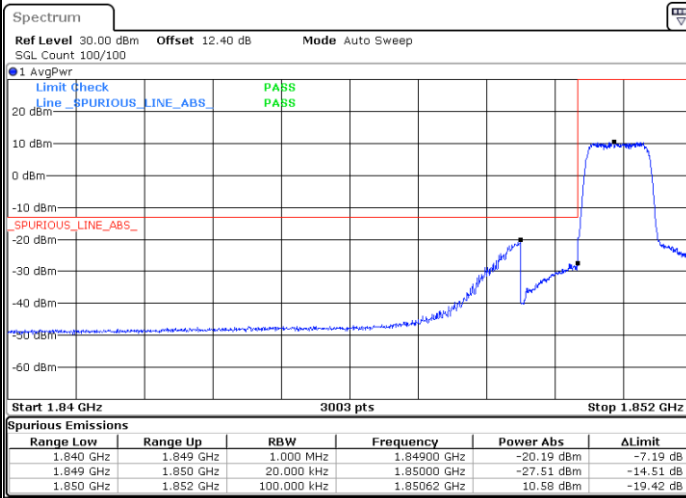
Date: 15 JUN 2021 09:18:42

Highest Band Edge / 1 RB



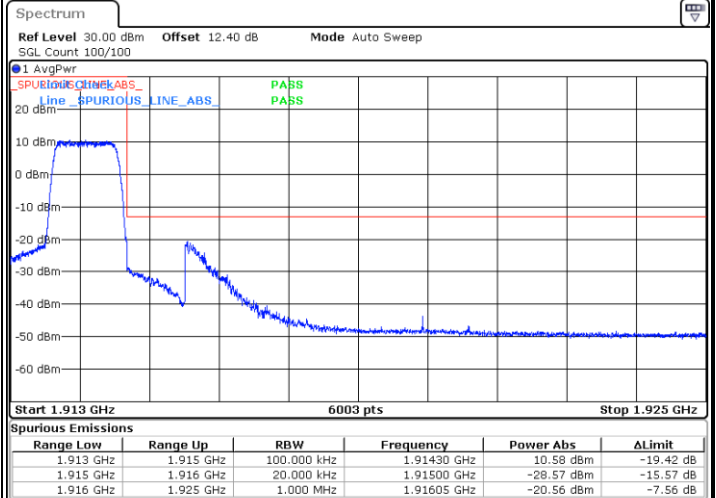
Date: 15 JUN 2021 09:26:00

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:20:05

Highest Band Edge / Full RB

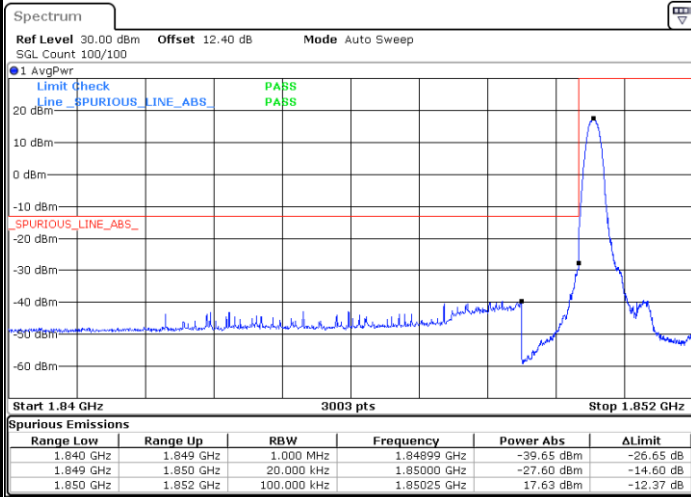


Date: 15 JUN 2021 09:25:18



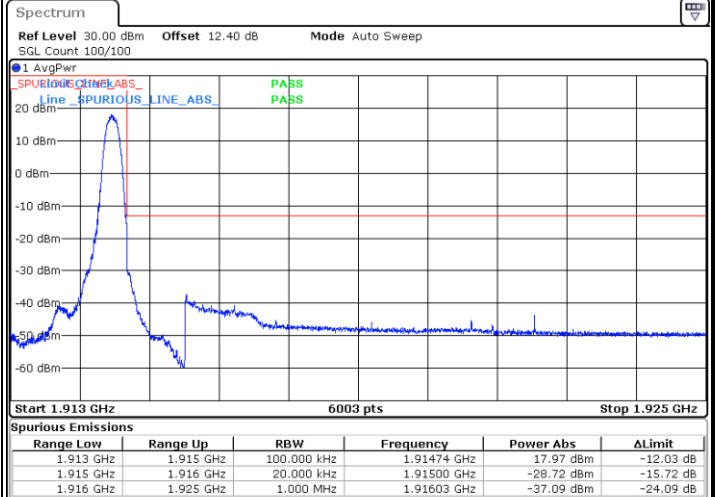
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



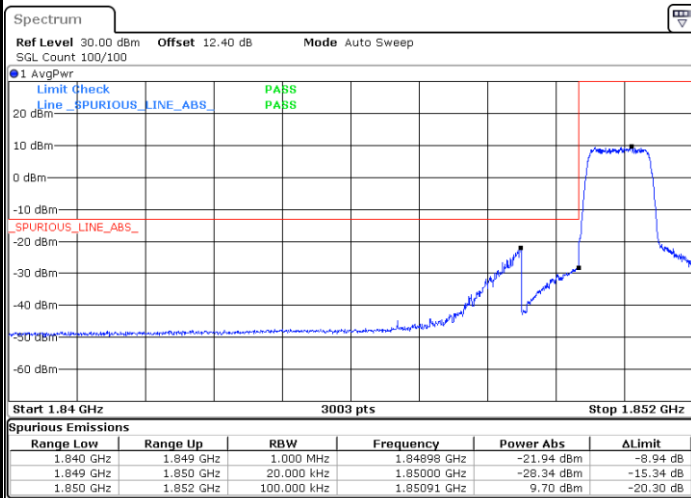
Date: 15 JUN 2021 09:28:36

Highest Band Edge / 1 RB



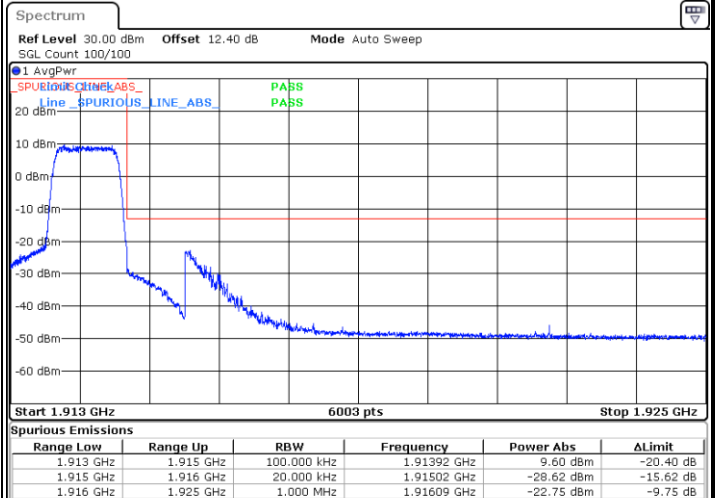
Date: 15 JUN 2021 09:31:24

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:29:17

Highest Band Edge / Full RB

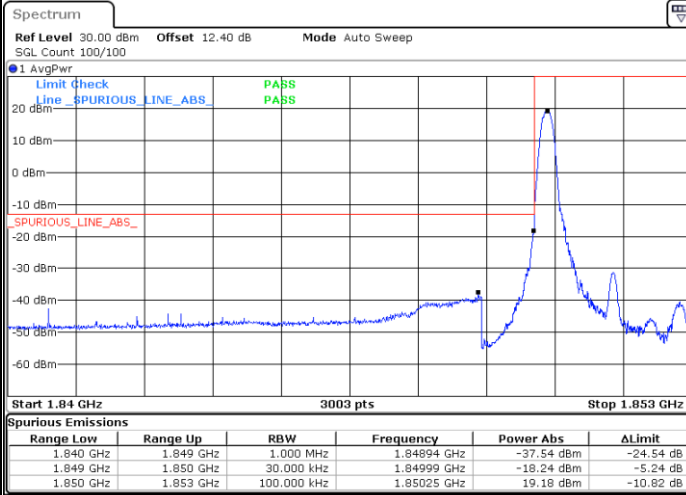


Date: 15 JUN 2021 09:30:42



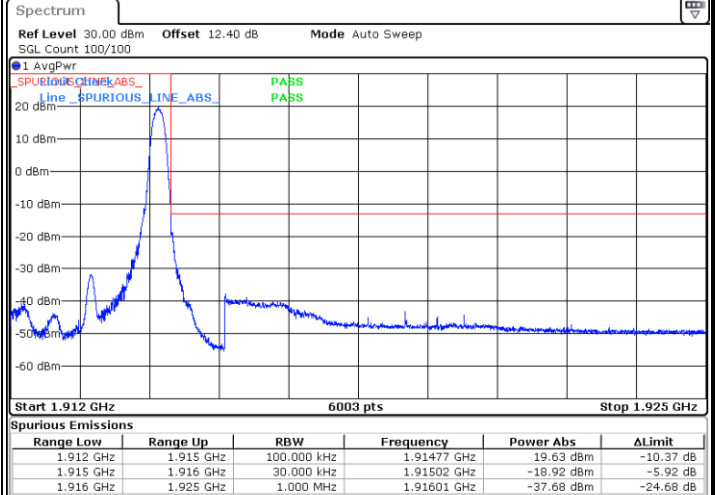
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



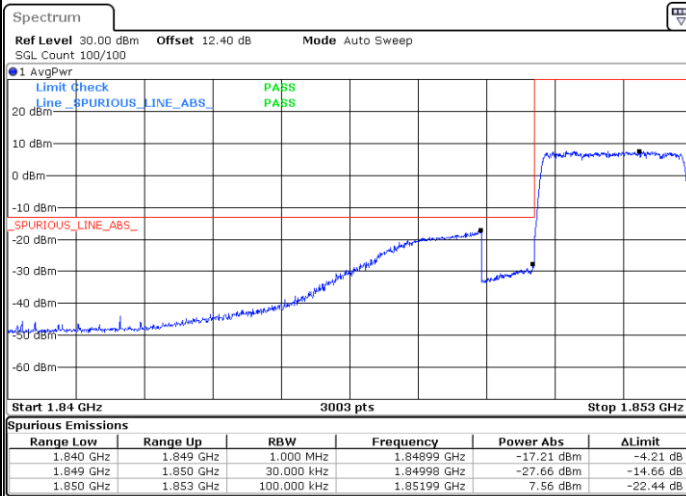
Date: 15 JUN 2021 09:35:36

Highest Band Edge / 1 RB



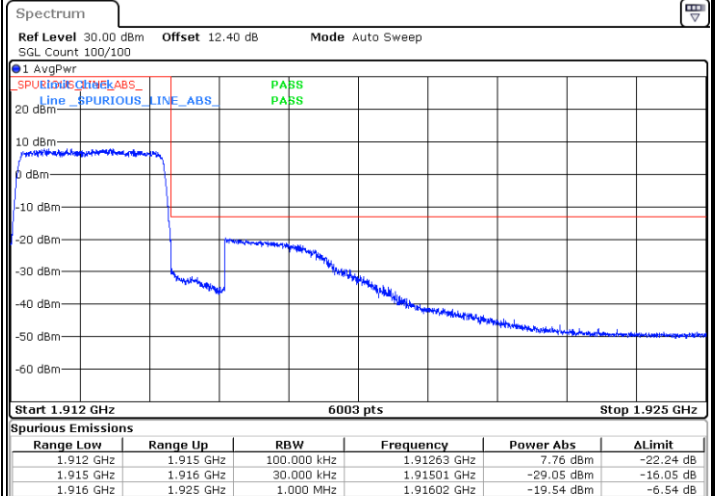
Date: 15 JUN 2021 09:44:19

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:37:01

Highest Band Edge / Full RB

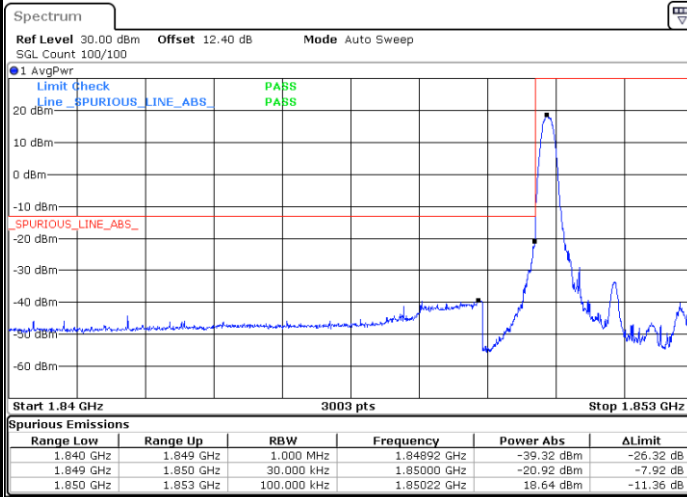


Date: 15 JUN 2021 09:42:14



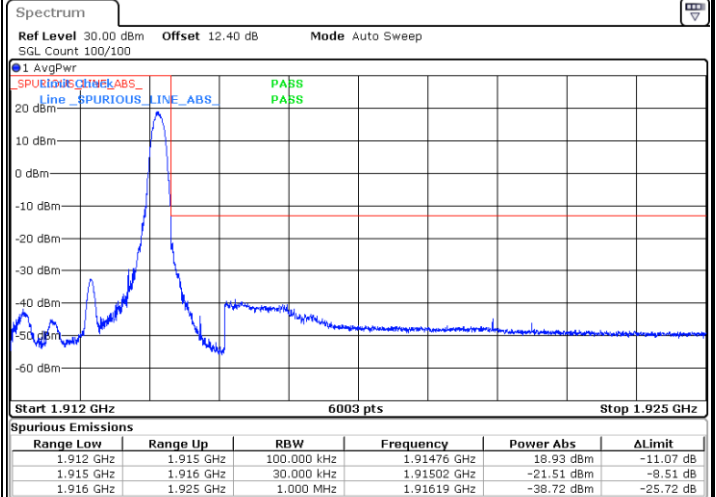
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



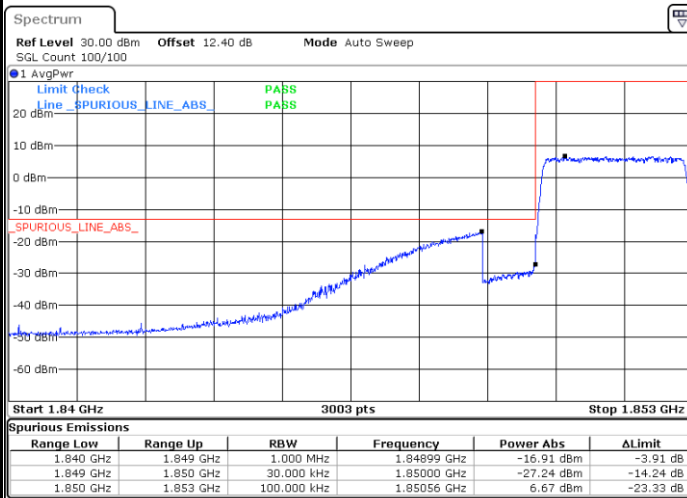
Date: 15 JUN 2021 09:36:19

Highest Band Edge / 1 RB



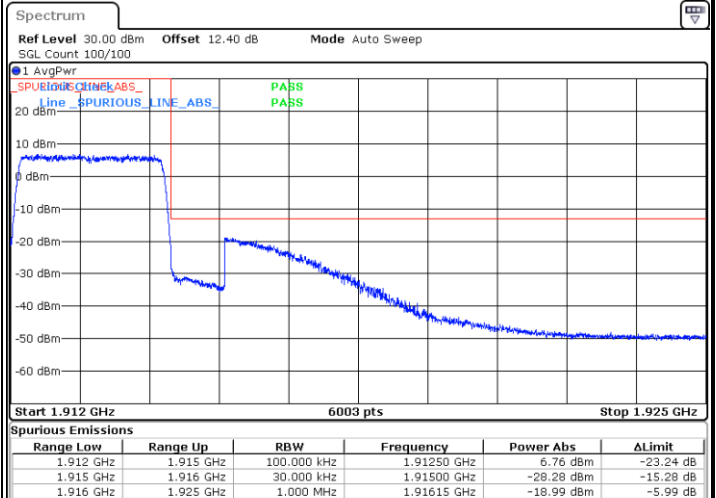
Date: 15 JUN 2021 09:43:38

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:37:43

Highest Band Edge / Full RB

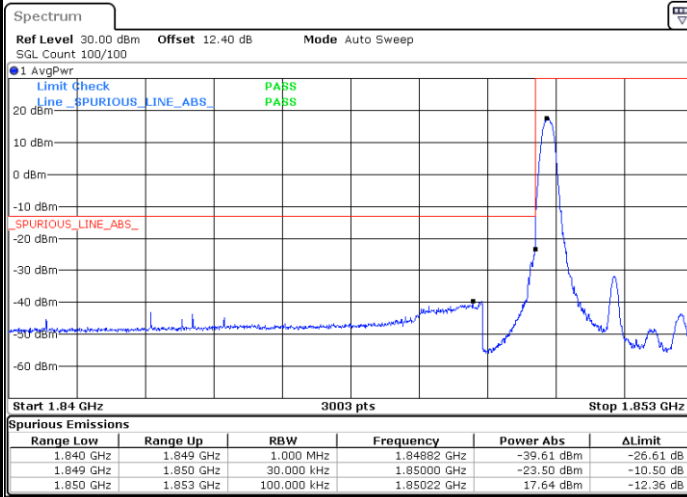


Date: 15 JUN 2021 09:42:56



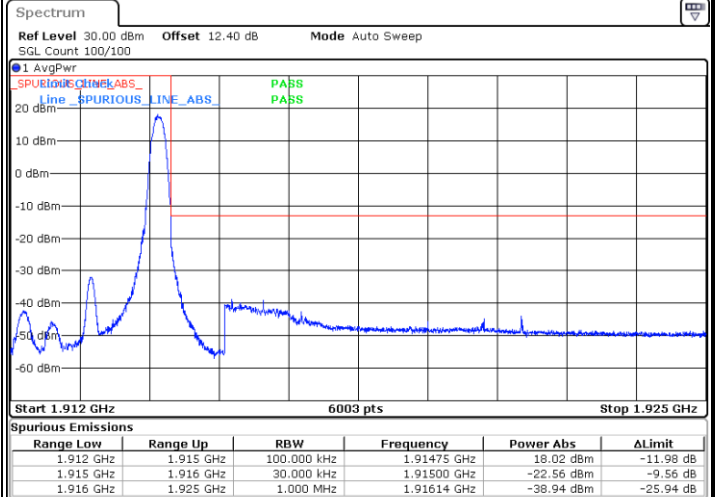
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



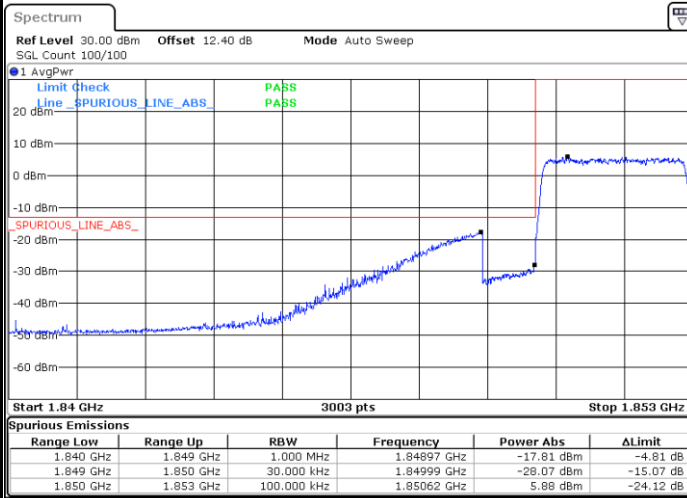
Date: 15 JUN 2021 09:32:07

Highest Band Edge / 1 RB



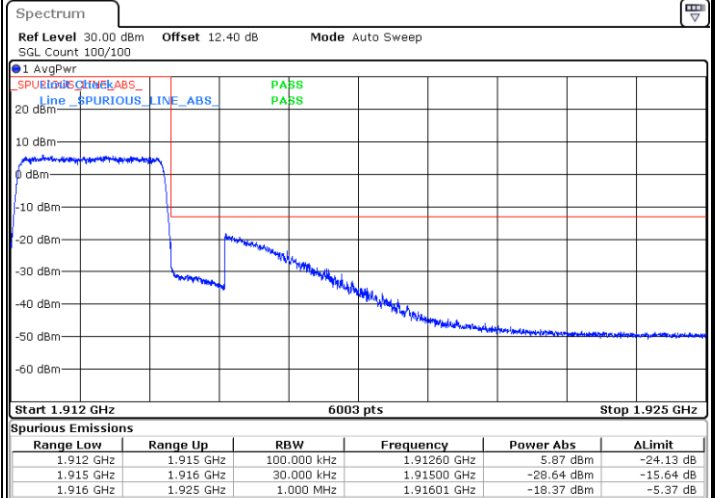
Date: 15 JUN 2021 09:34:55

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:32:48

Highest Band Edge / Full RB

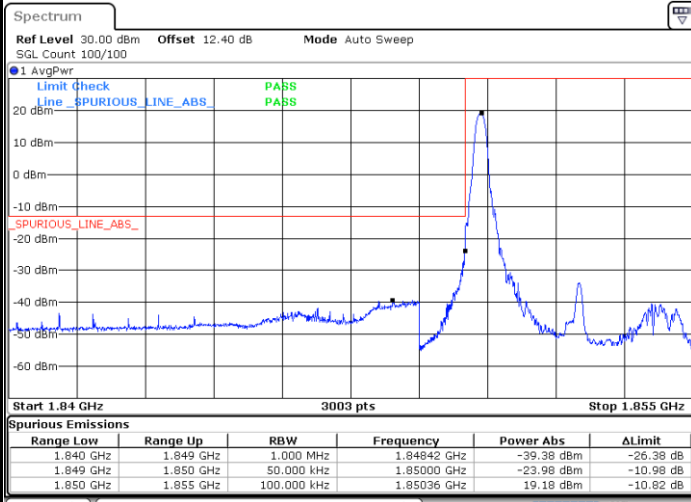


Date: 15 JUN 2021 09:34:13



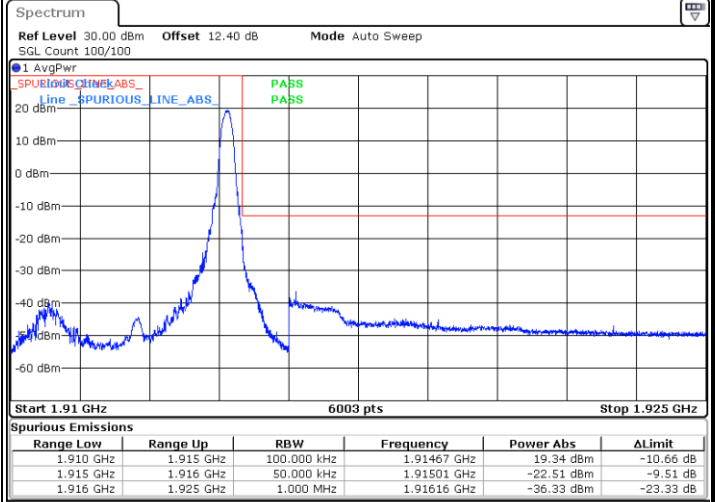
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



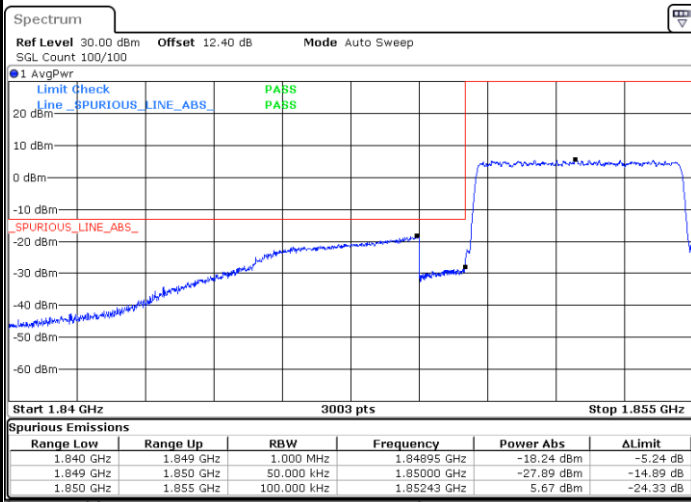
Date: 15 JUN 2021 09:46:14

Highest Band Edge / 1 RB



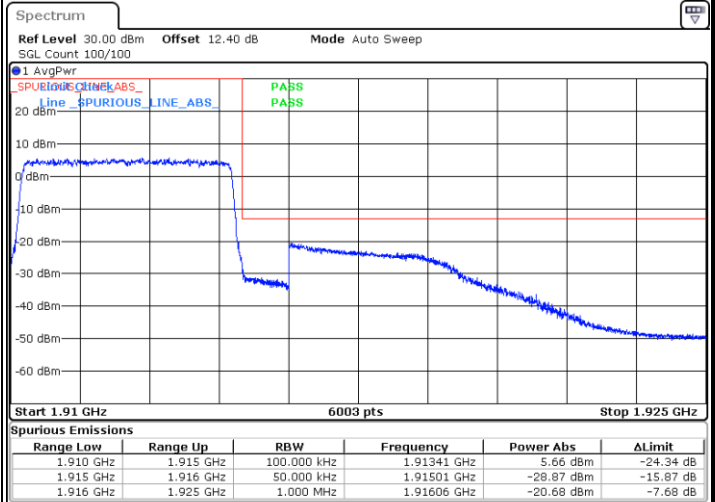
Date: 15 JUN 2021 09:54:57

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:47:37

Highest Band Edge / Full RB



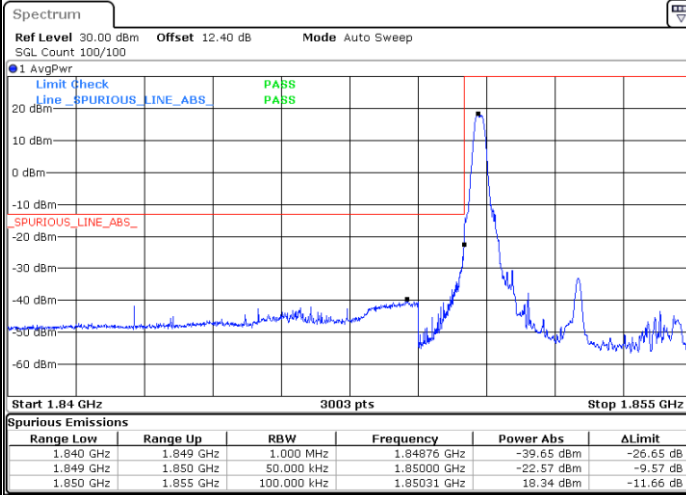
Date: 15 JUN 2021 09:52:52





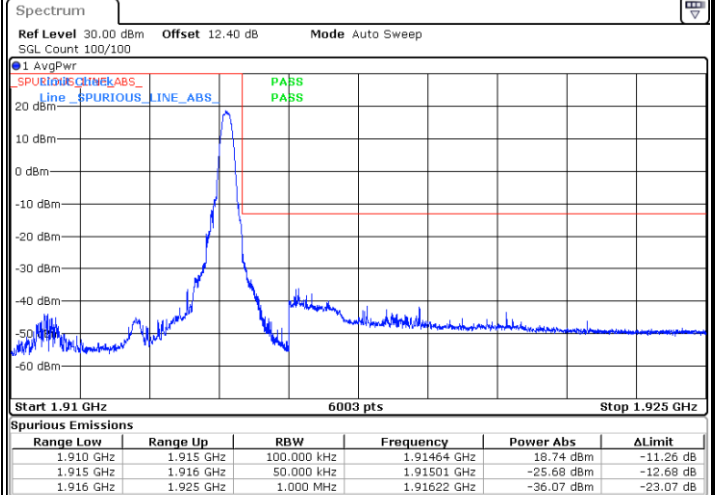
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



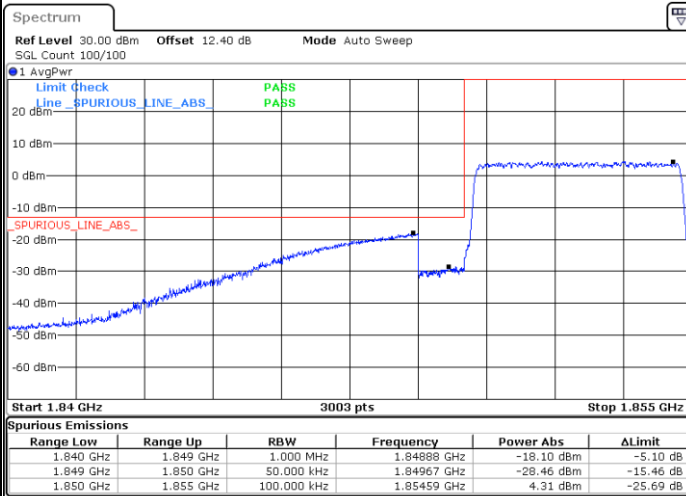
Date: 15 JUN 2021 09:46:55

Highest Band Edge / 1 RB



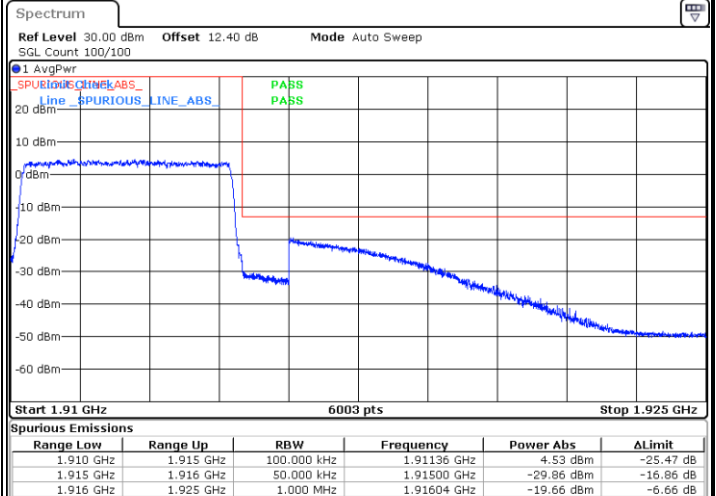
Date: 15 JUN 2021 09:54:16

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:48:20

Highest Band Edge / Full RB

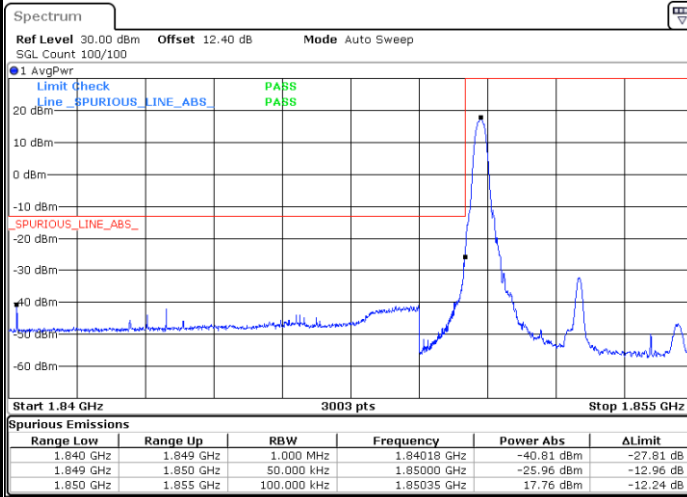


Date: 15 JUN 2021 09:53:34



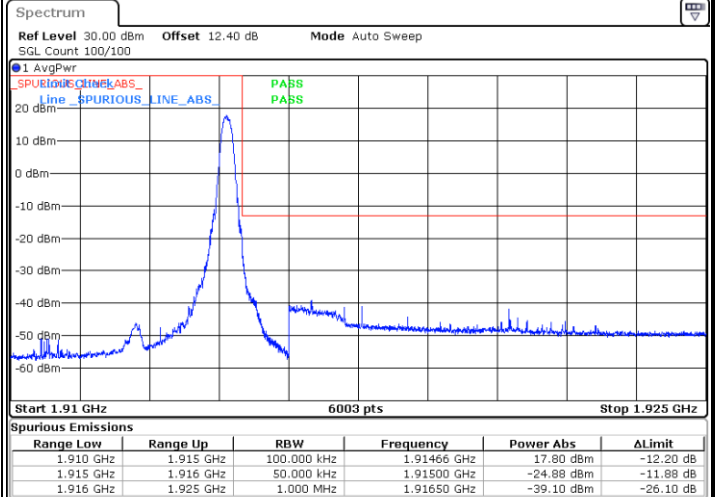
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



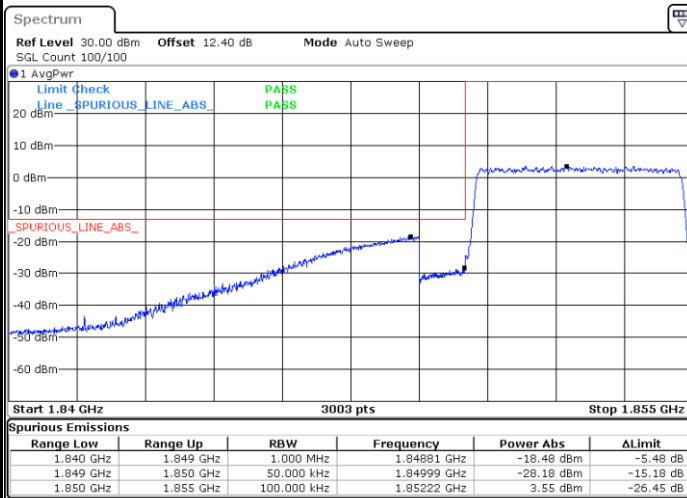
Date: 15 JUN 2021 09:56:51

Highest Band Edge / 1 RB



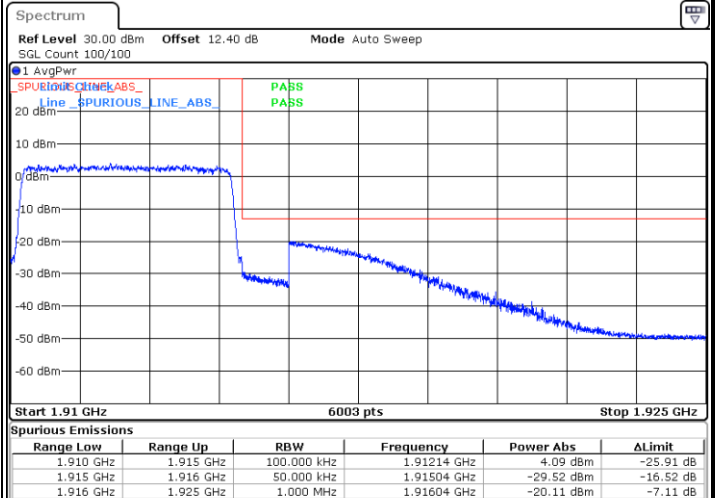
Date: 15 JUN 2021 09:59:40

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:57:33

Highest Band Edge / Full RB

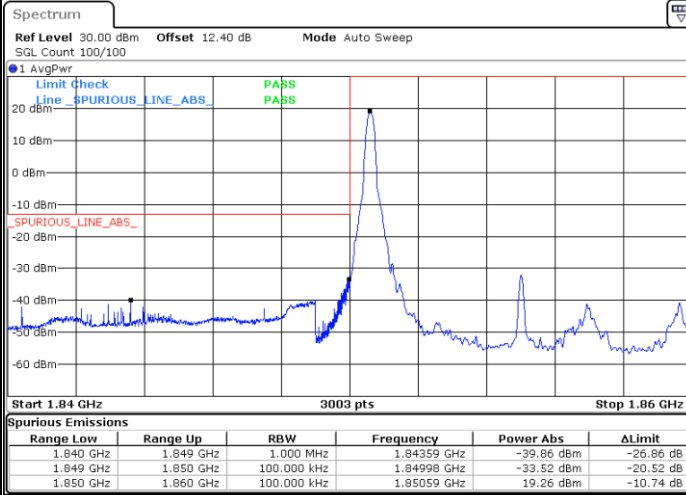


Date: 15 JUN 2021 09:58:58



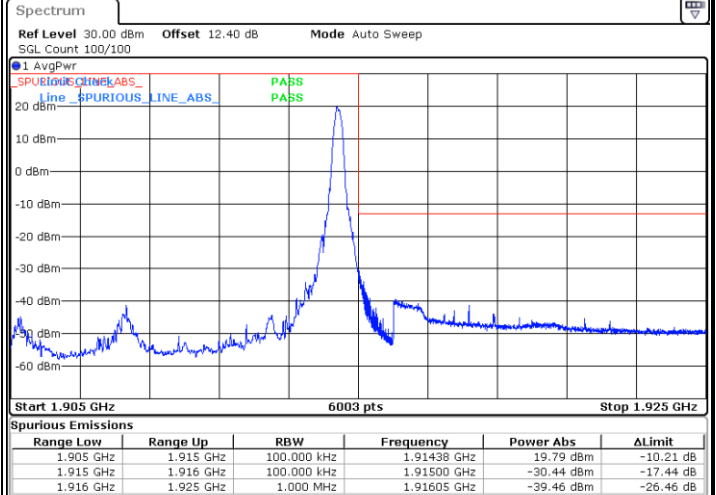
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



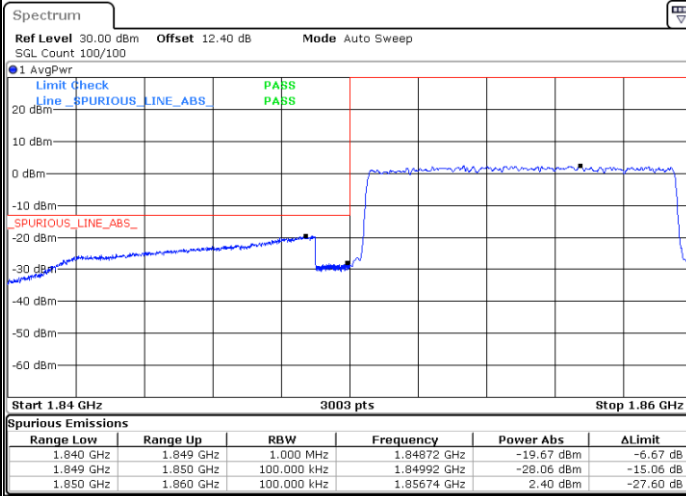
Date: 15 JUN 2021 10:00:21

Highest Band Edge / 1 RB



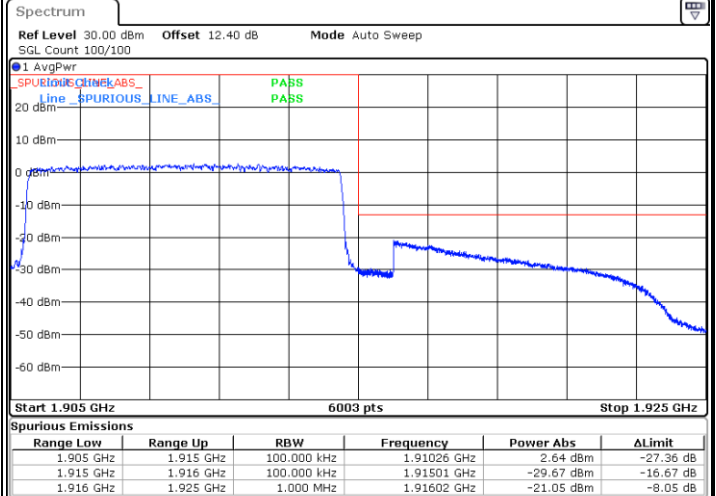
Date: 15 JUN 2021 10:09:05

Lowest Band Edge / Full RB



Date: 15 JUN 2021 10:01:46

Highest Band Edge / Full RB

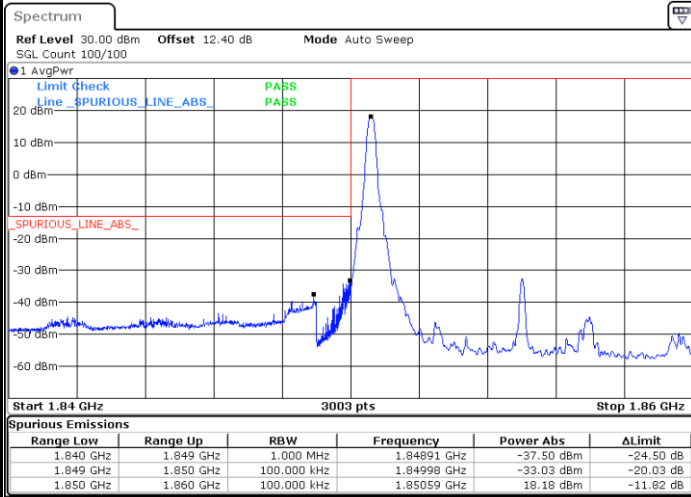


Date: 15 JUN 2021 10:07:00



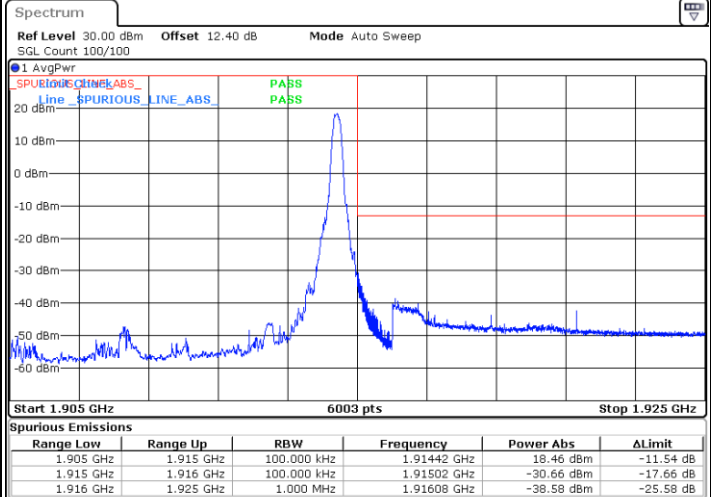
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



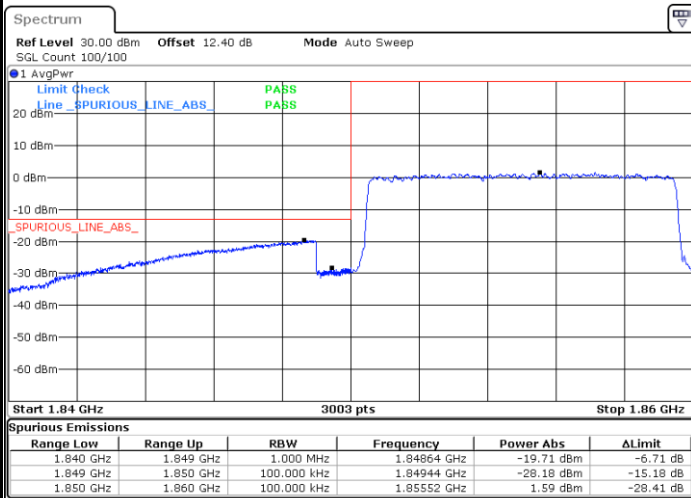
Date: 15 JUN 2021 10:01:03

Highest Band Edge / 1 RB



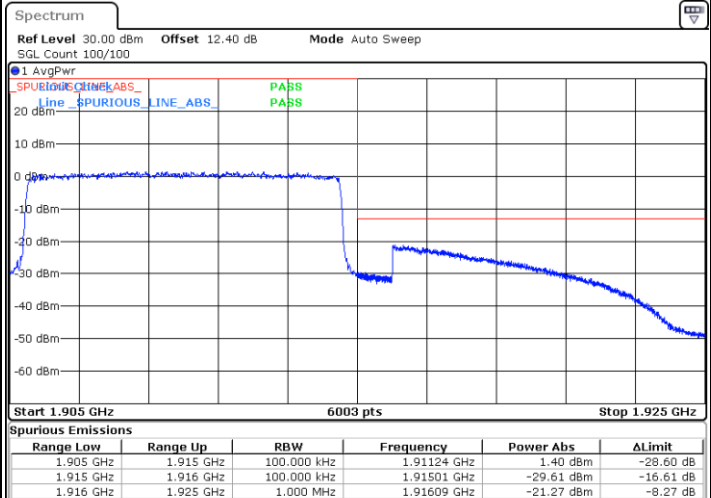
Date: 15 JUN 2021 10:08:23

Lowest Band Edge / Full RB



Date: 15 JUN 2021 10:02:28

Highest Band Edge / Full RB

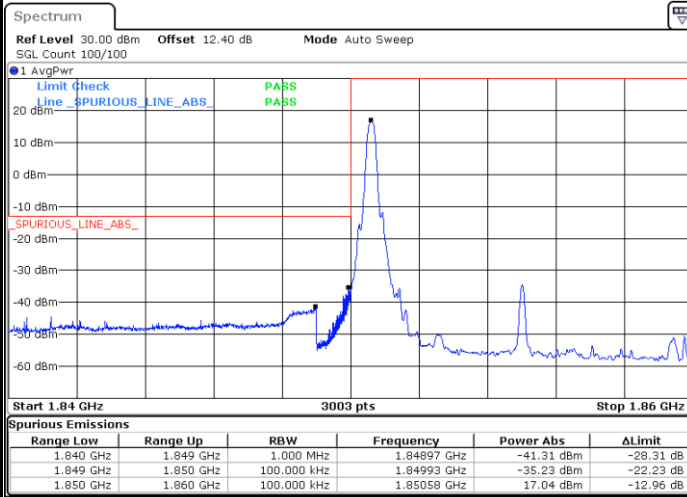


Date: 15 JUN 2021 10:07:41



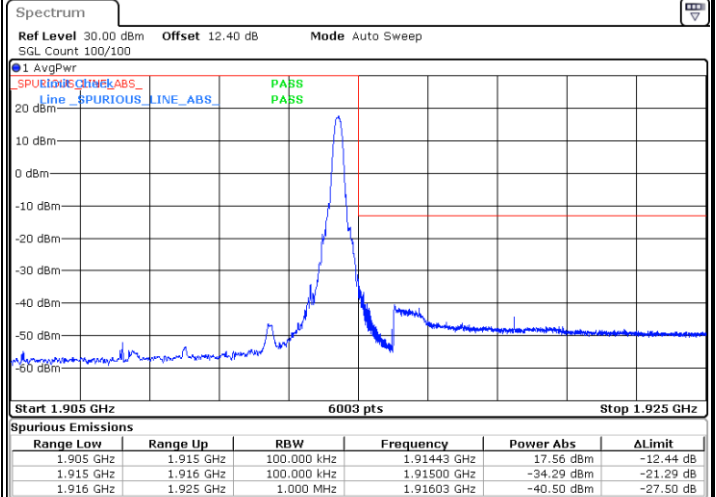
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



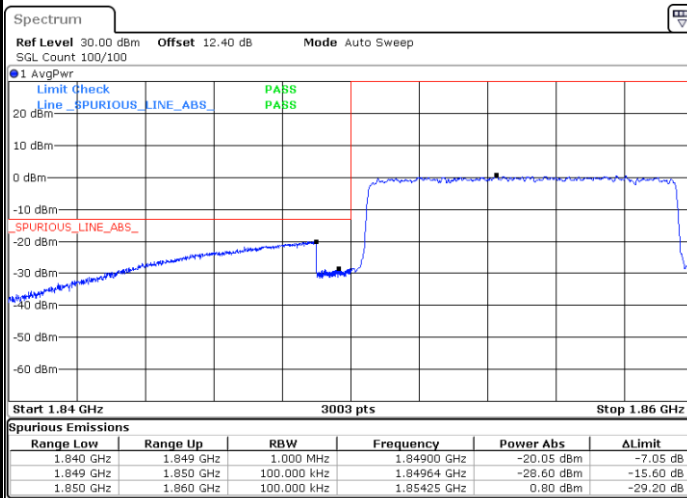
Date: 15 JUN 2021 10:10:58

Highest Band Edge / 1 RB



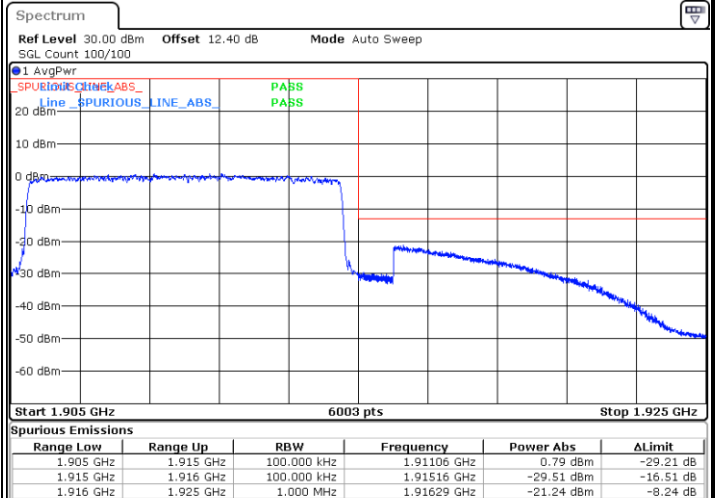
Date: 15 JUN 2021 10:13:47

Lowest Band Edge / Full RB



Date: 15 JUN 2021 10:11:40

Highest Band Edge / Full RB



Date: 15 JUN 2021 10:13:05