

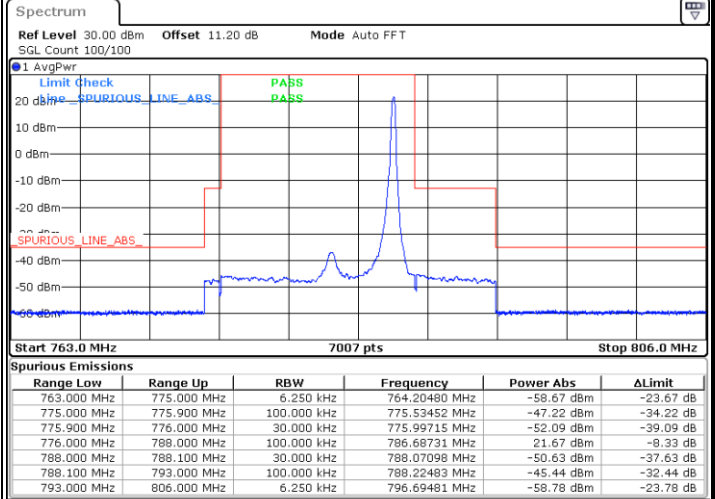
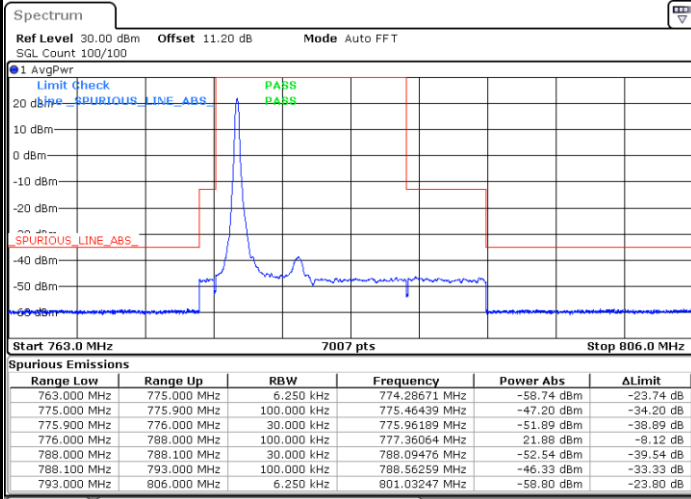


Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

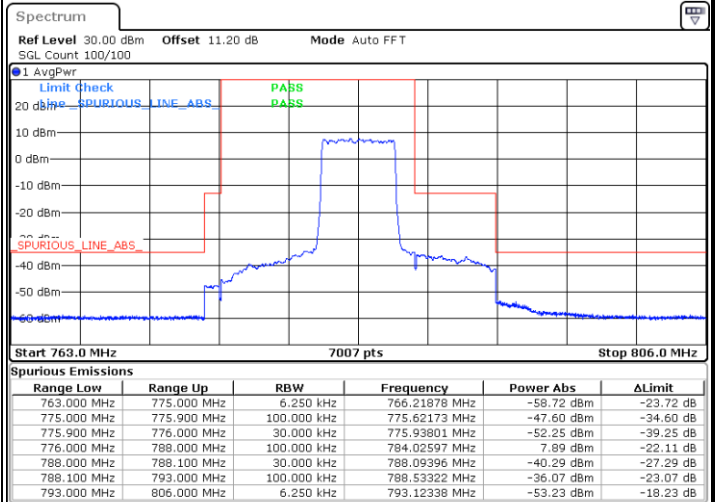
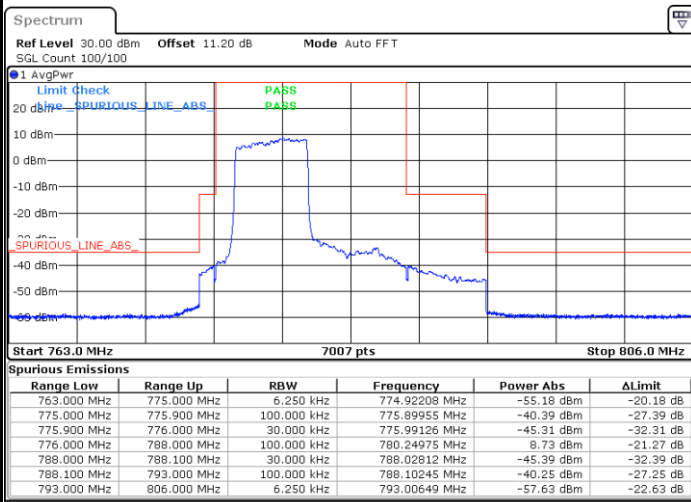


Date: 17 JUN 2022 22:16:26

Date: 17 JUN 2022 22:23:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 JUN 2022 22:13:59

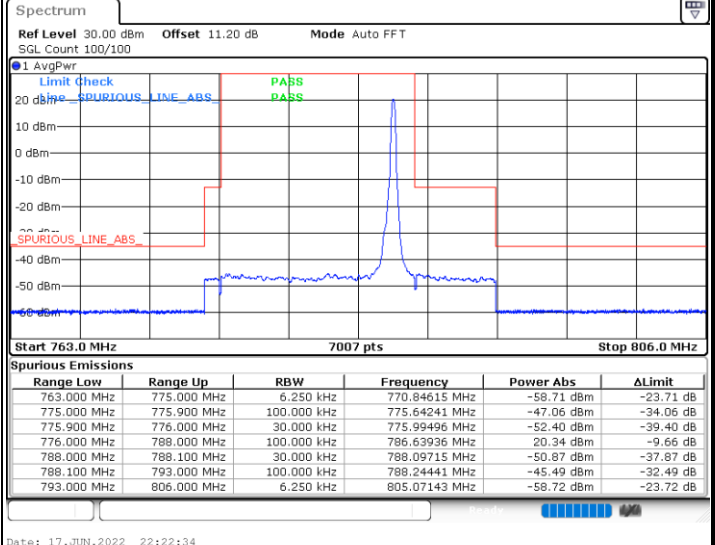
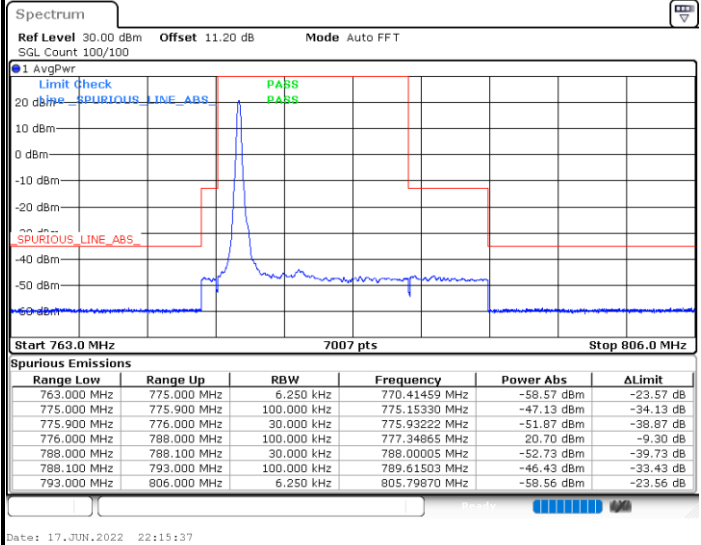
Date: 17 JUN 2022 22:20:56



LTE Band 13 / 5MHz / 16QAM

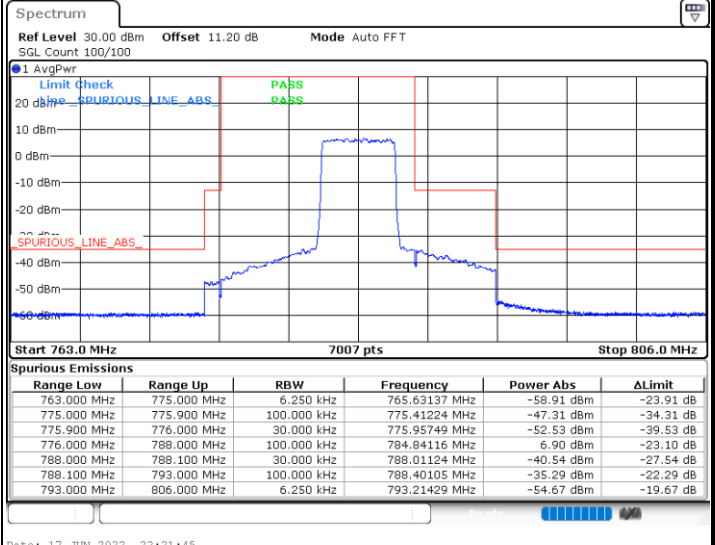
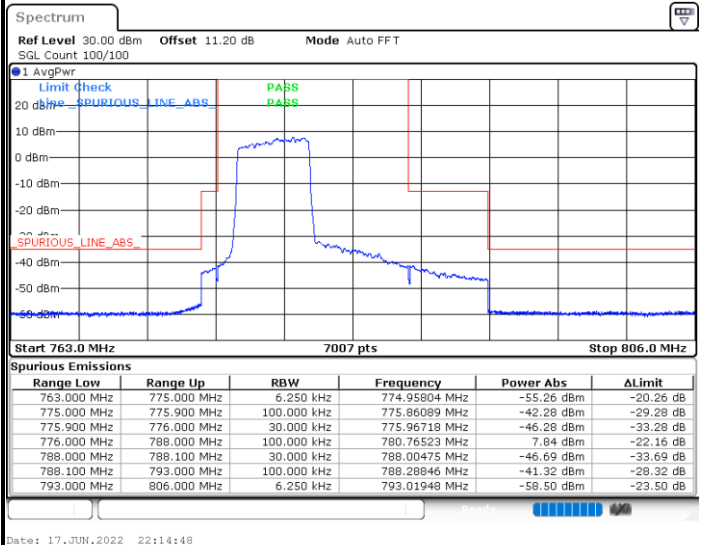
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

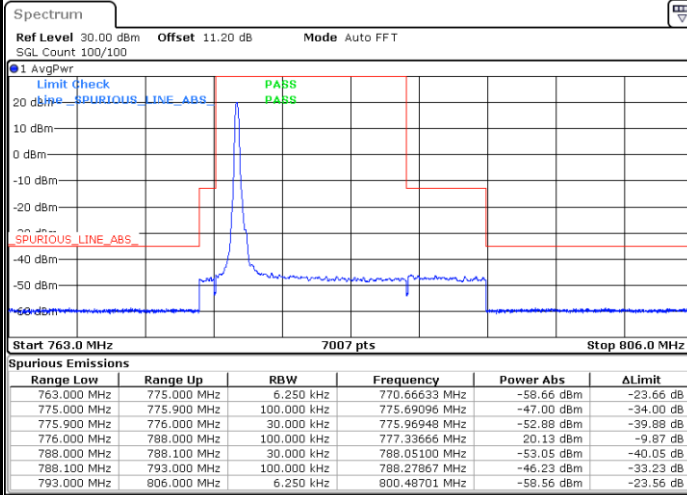
Highest Band Edge / Full RB





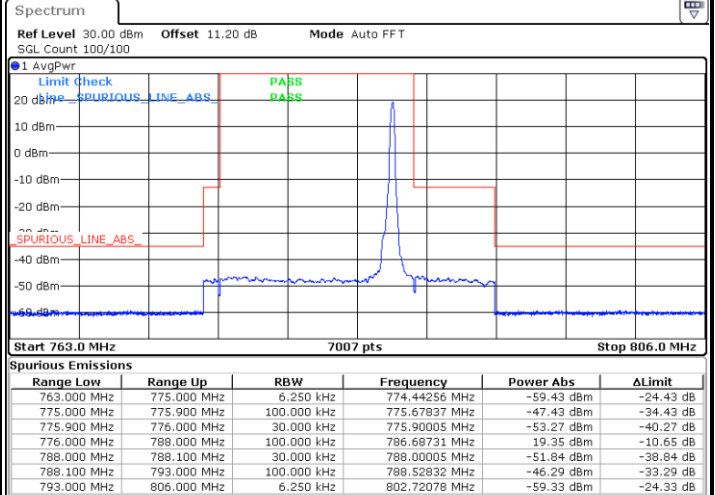
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



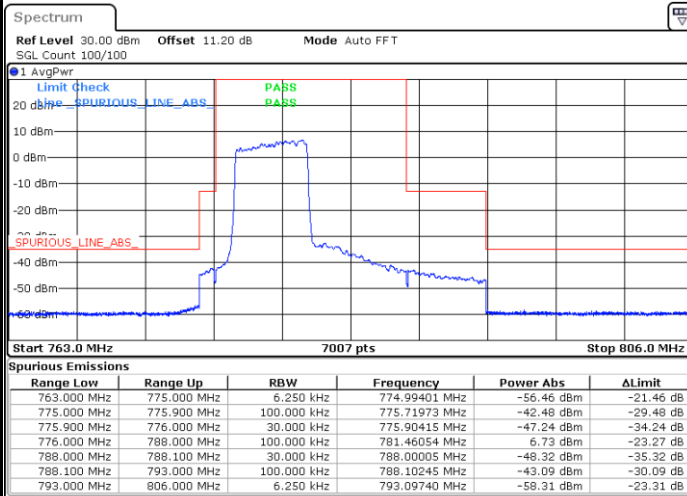
Date: 17 JUN 2022 22:26:10

Highest Band Edge / 1 RB



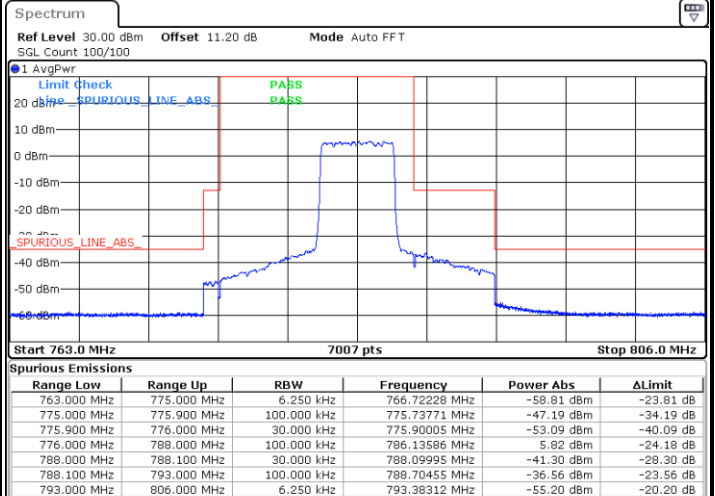
Date: 21 JUN 2022 23:57:19

Lowest Band Edge / Full RB



Date: 17 JUN 2022 22:25:21

Highest Band Edge / Full RB

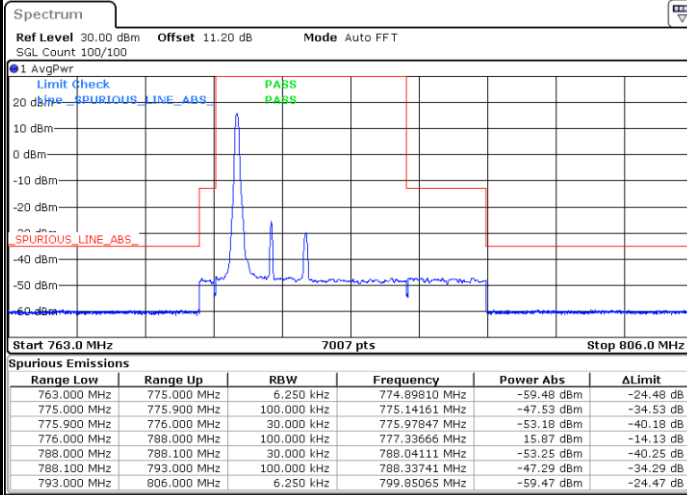


Date: 17 JUN 2022 22:27:42



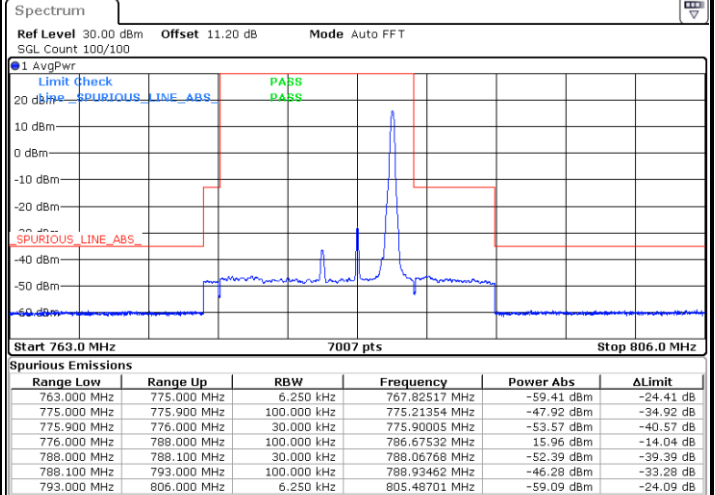
LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



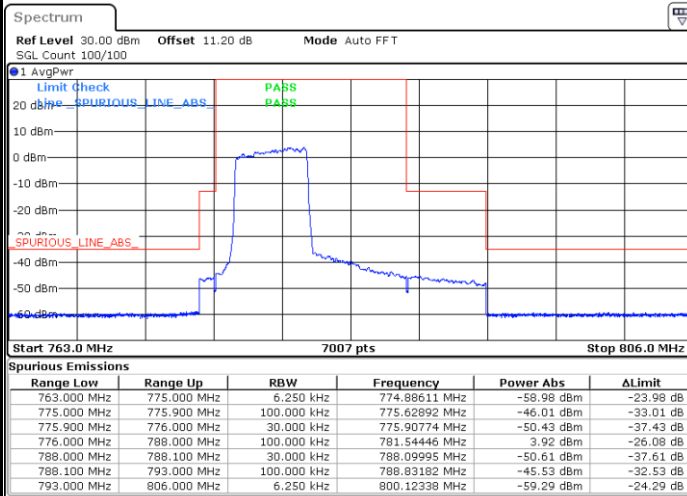
Date: 21 JUN 2022 23:42:37

Highest Band Edge / 1 RB



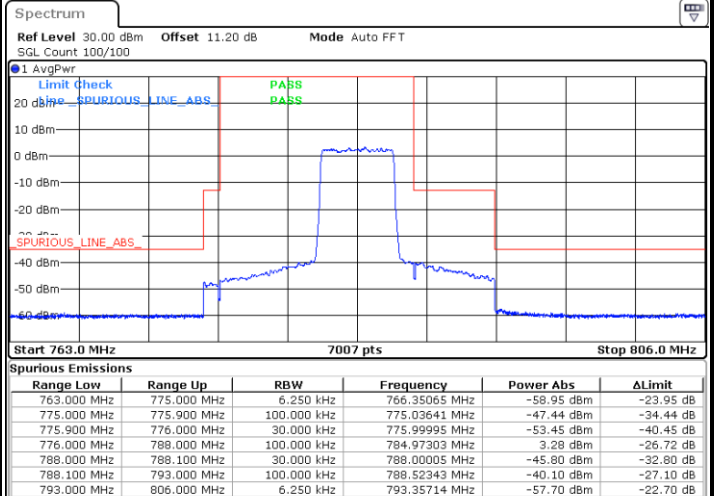
Date: 21 JUN 2022 23:59:24

Lowest Band Edge / Full RB



Date: 21 JUN 2022 23:45:42

Highest Band Edge / Full RB



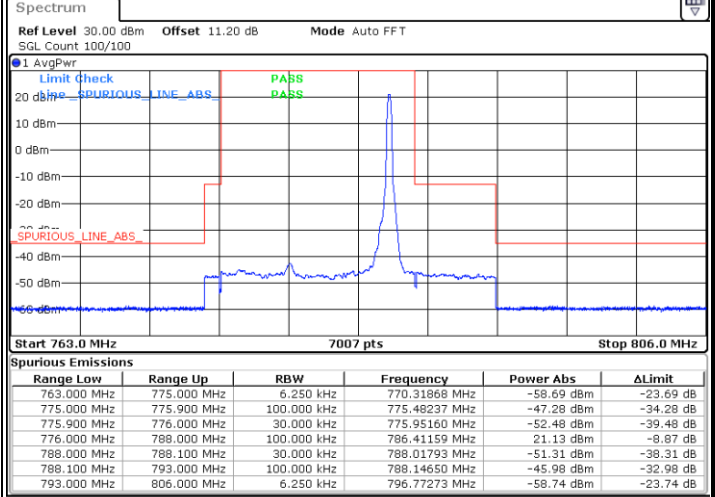
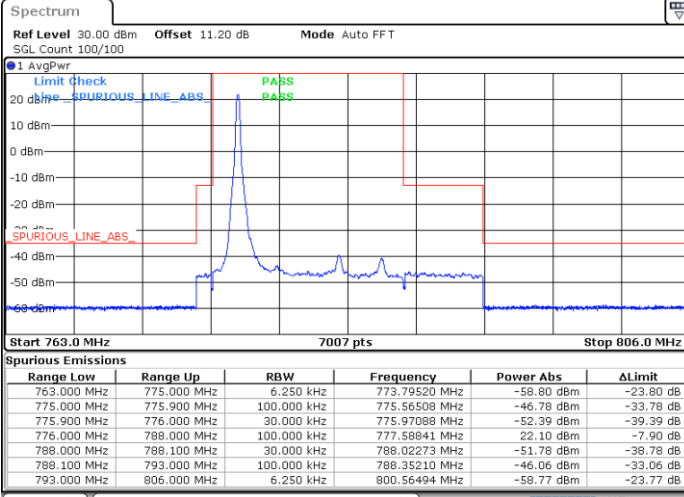
Date: 21 JUN 2022 23:55:30



LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

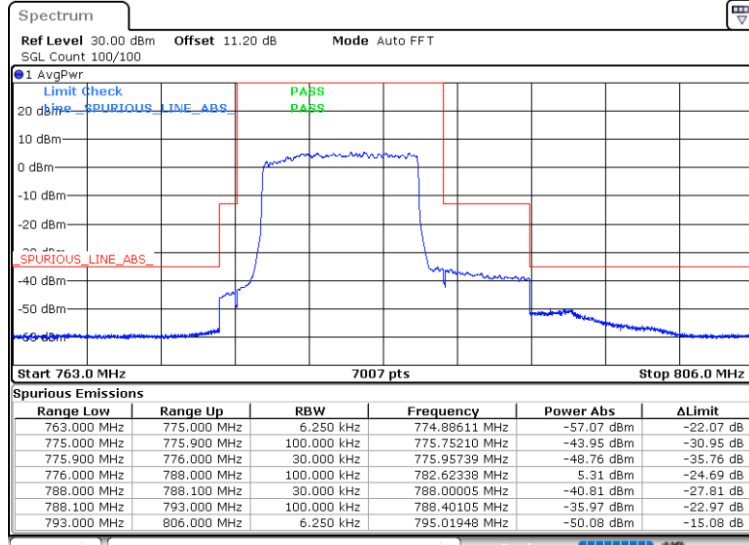
Highest Band Edge / 1 RB



Date: 17.JUN.2022 22:33:17

Date: 17.JUN.2022 22:34:05

Band Edge / Full RB



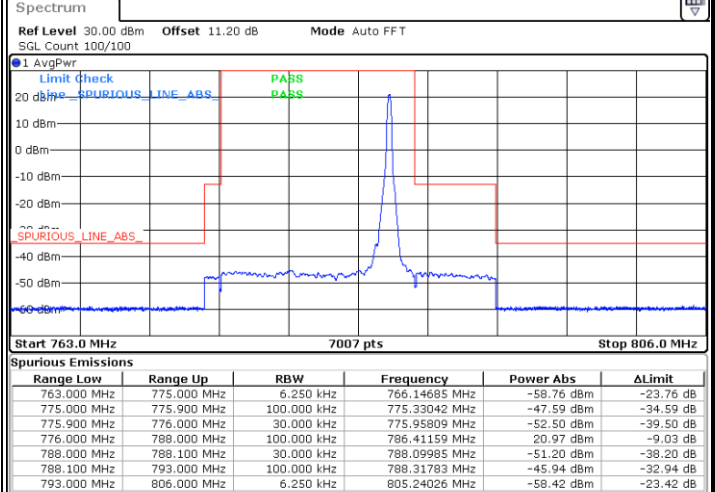
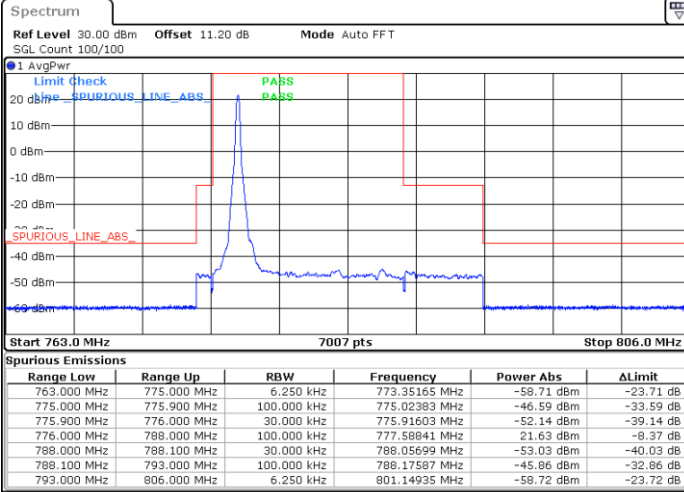
Date: 17.JUN.2022 22:30:51



LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

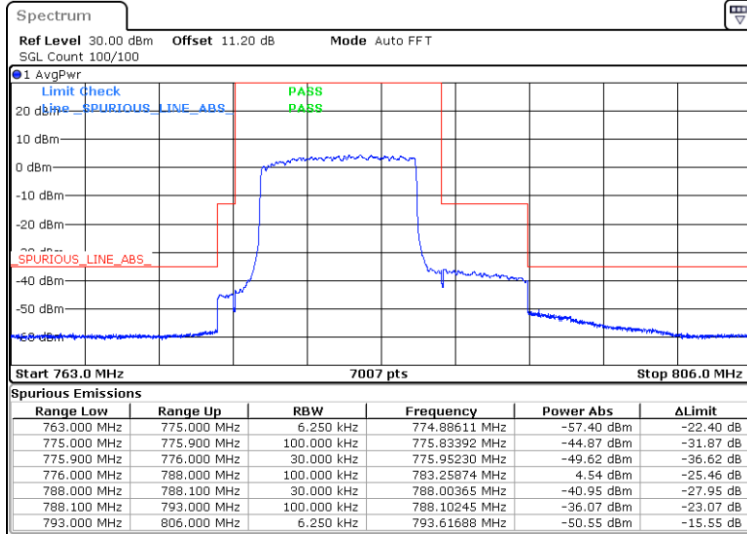
Highest Band Edge / 1 RB



Date: 17.JUN.2022 22:32:28

Date: 17.JUN.2022 22:34:54

Band Edge / Full RB

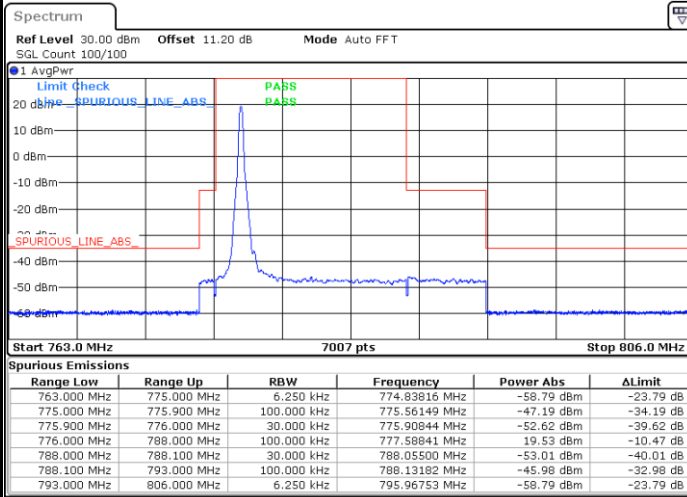


Date: 17.JUN.2022 22:31:40



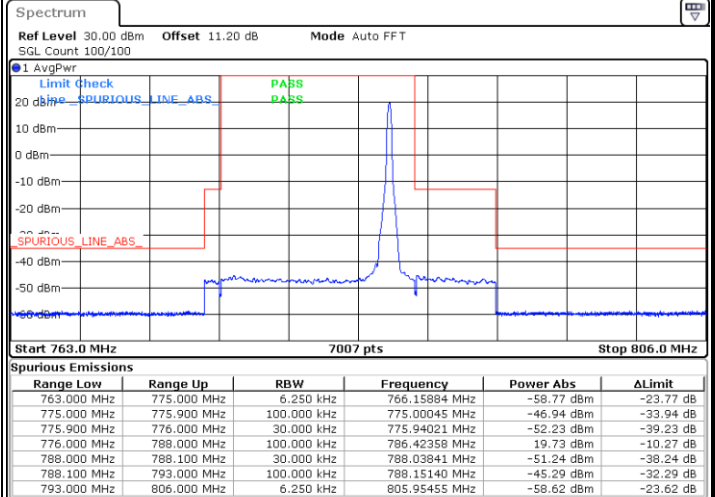
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



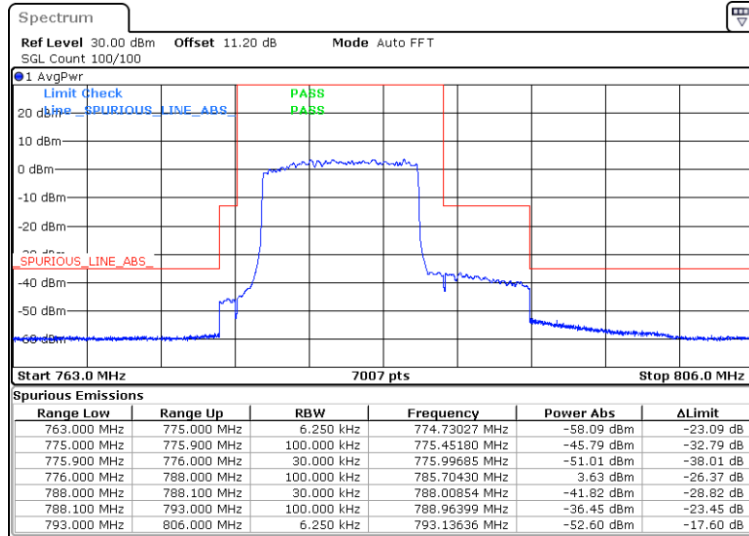
Date: 17.JUN.2022 22:38:07

Highest Band Edge / 1 RB



Date: 17.JUN.2022 22:38:55

Band Edge / Full RB



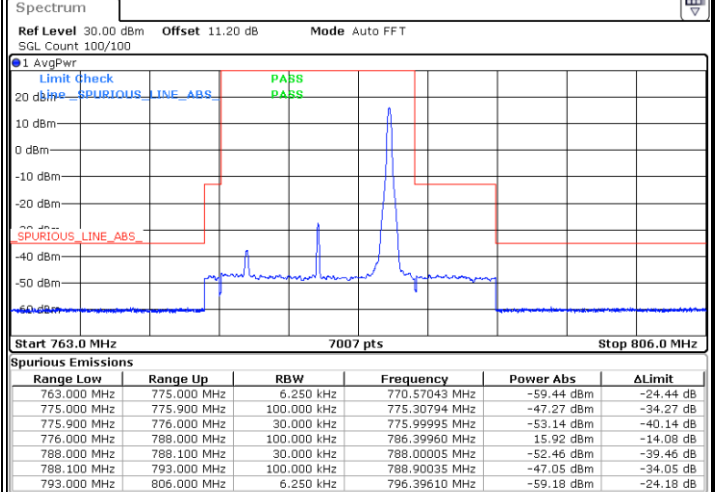
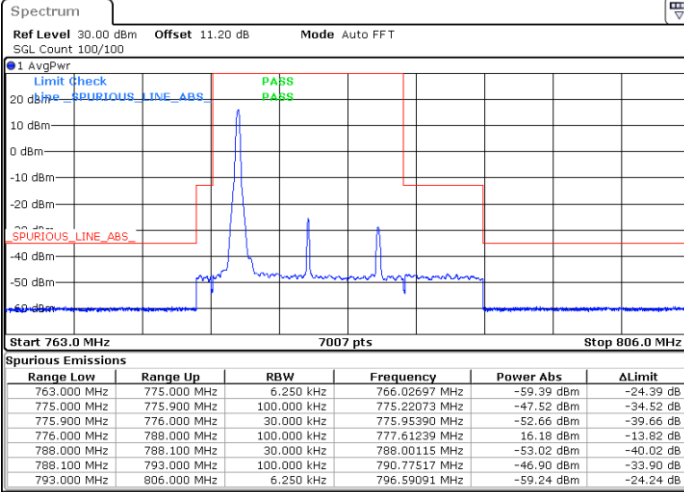
Date: 17.JUN.2022 22:37:18



LTE Band 13 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

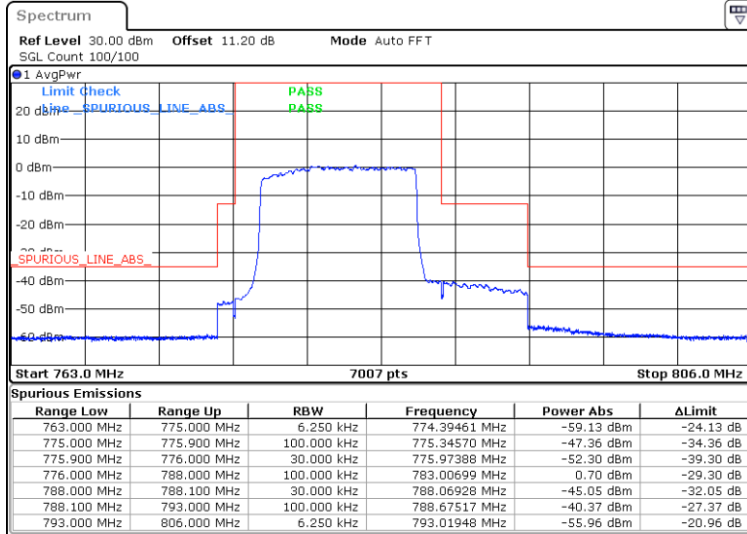
Highest Band Edge / 1 RB



Date: 22 JUN 2022 00:02:24

Date: 22 JUN 2022 00:05:35

Band Edge / Full RB

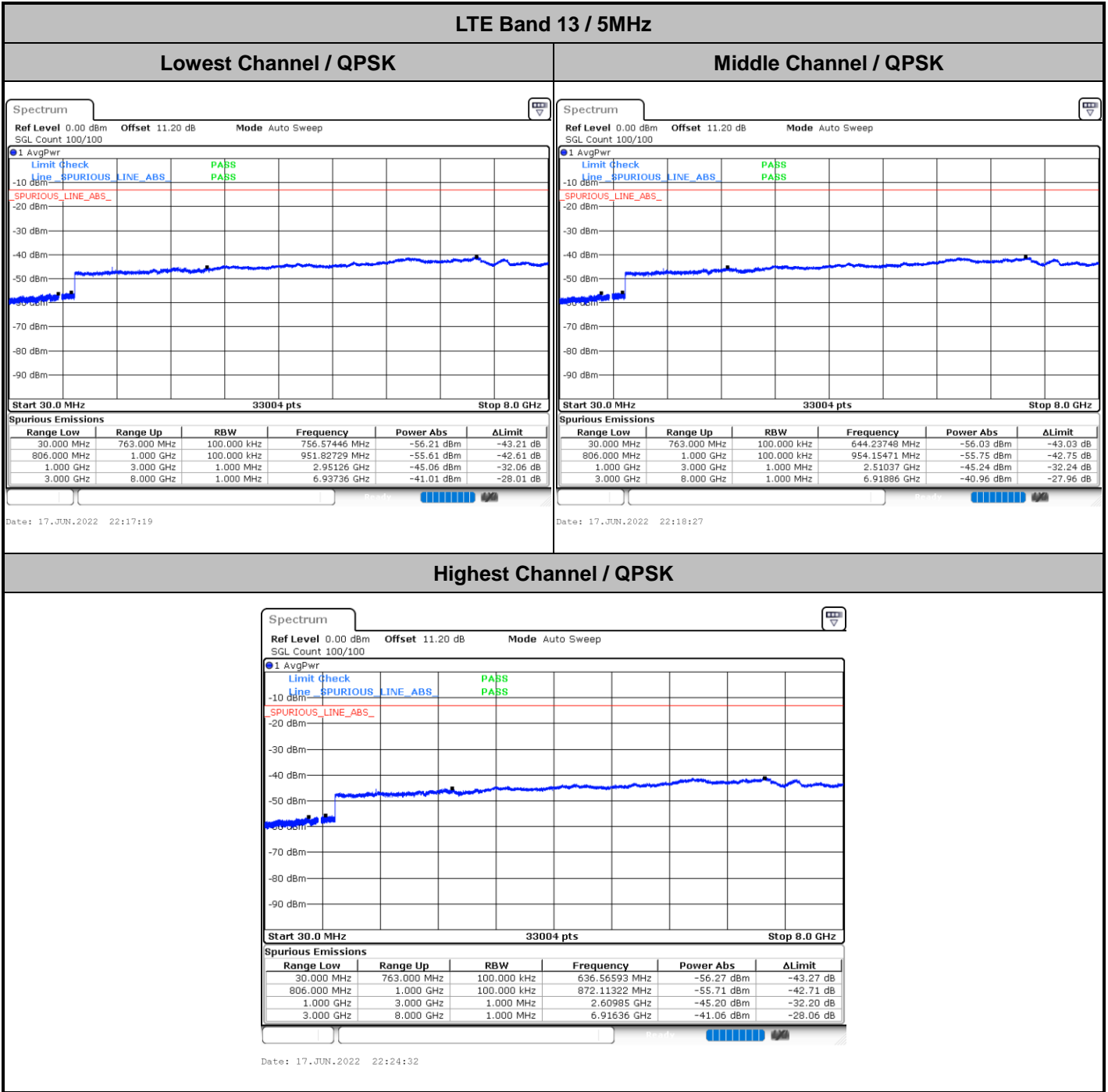


Date: 22 JUN 2022 00:03:41





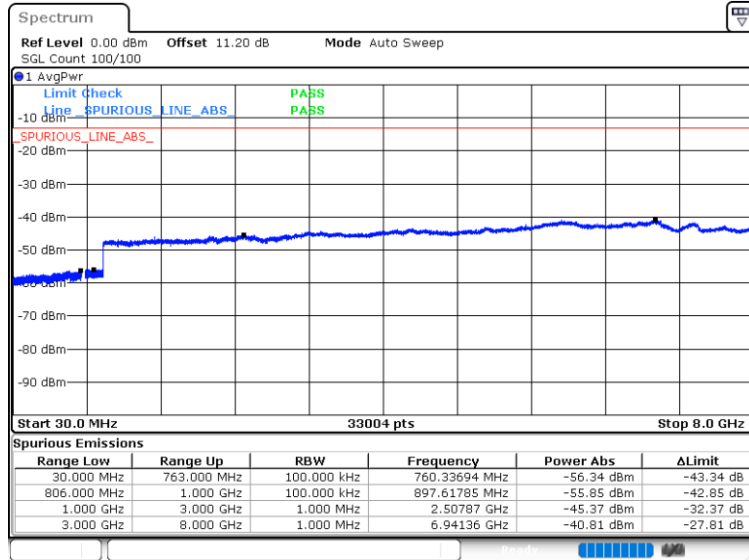
# Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 17.JUN.2022 22:36:02



**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	0.0091	PASS
40	Normal Voltage	0.0114	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0091	
0	Normal Voltage	0.0073	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 25

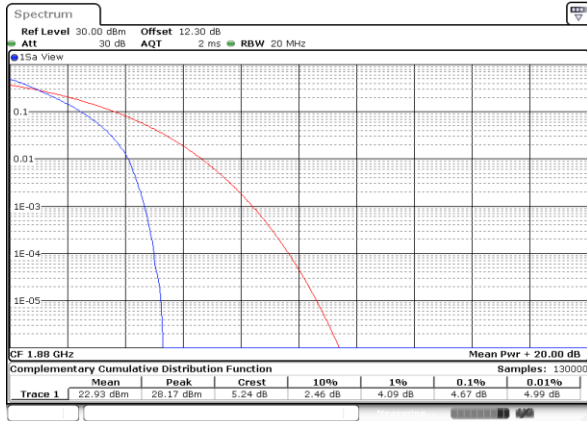
### Peak-to-Average Ratio

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	4.67	5.57	6.17	6.55	PASS



LTE Band 25 / 20MHz / QPSK

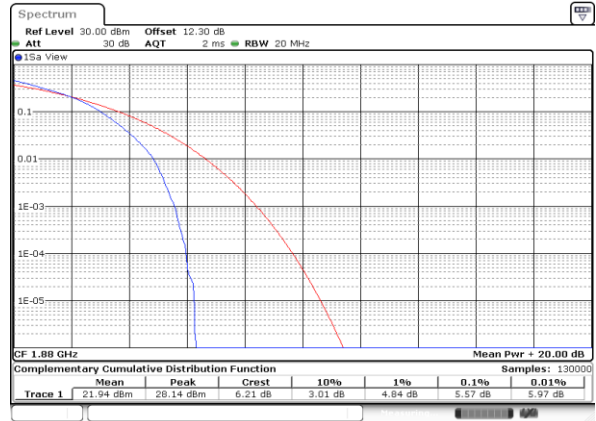
Middle Channel / Full RB



Date: 17 JUN 2022 18:54:24

LTE Band 25 / 20MHz / 16QAM

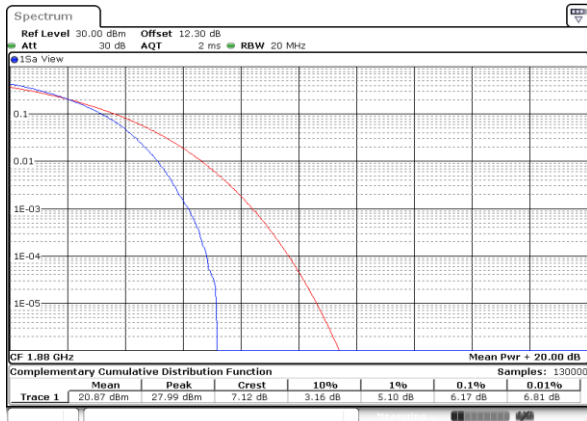
Middle Channel / Full RB



Date: 17 JUN 2022 18:52:15

LTE Band 25 / 20MHz / 64QAM

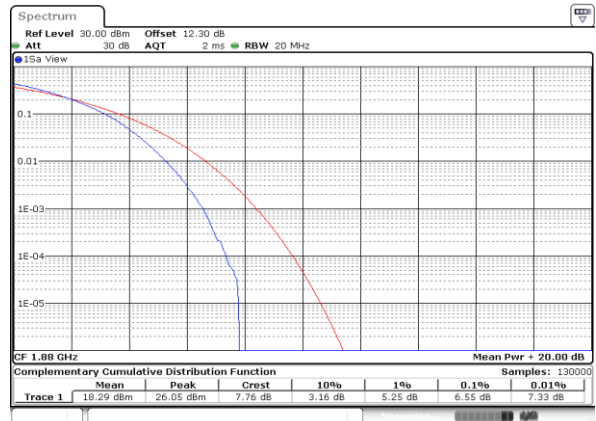
Middle Channel / Full RB



Date: 17 JUN 2022 18:54:56

LTE Band 25 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 22 JUN 2022 01:29:24



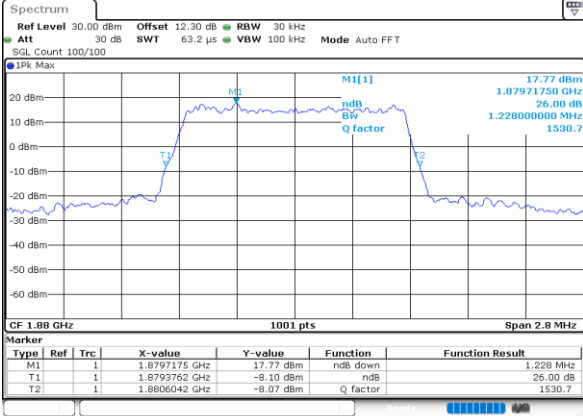
**26dB Bandwidth**

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	1.23	1.24	3.02	3.04	4.87	4.84	9.87	9.87	14.57	14.57	19.14	19.38
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.23	1.22	3.01	3.05	4.82	4.90	9.83	9.81	14.57	14.39	19.14	19.06



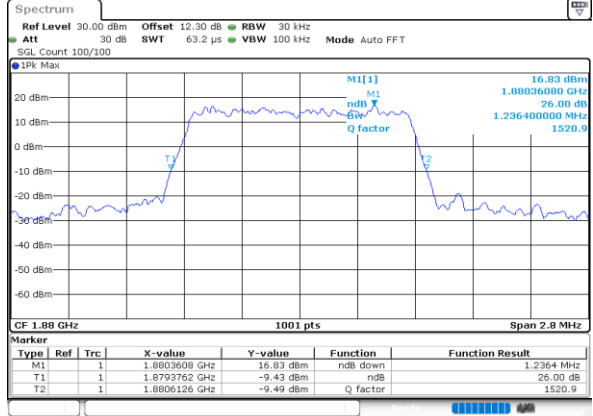
LTE Band 25

Middle Channel / 1.4MHz / QPSK



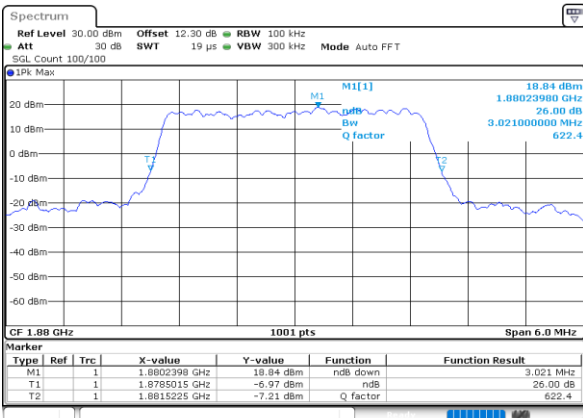
Date: 17 JUN 2022 17:20:01

Middle Channel / 1.4MHz / 16QAM



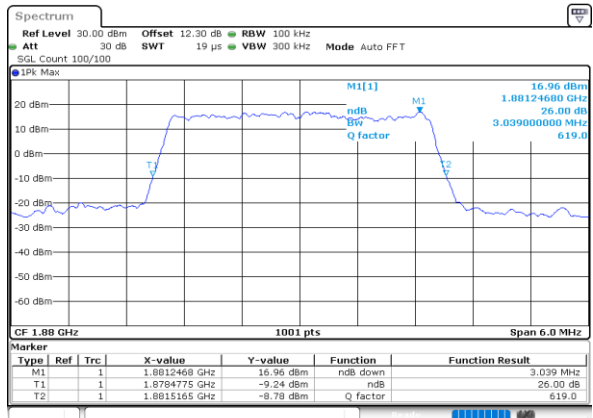
Date: 17 JUN 2022 17:20:28

Middle Channel / 3MHz / QPSK



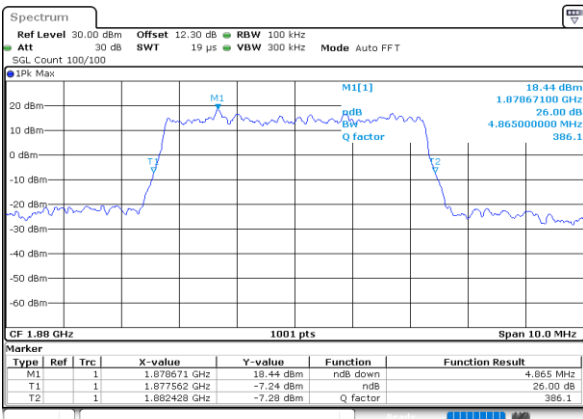
Date: 17 JUN 2022 17:39:20

Middle Channel / 3MHz / 16QAM



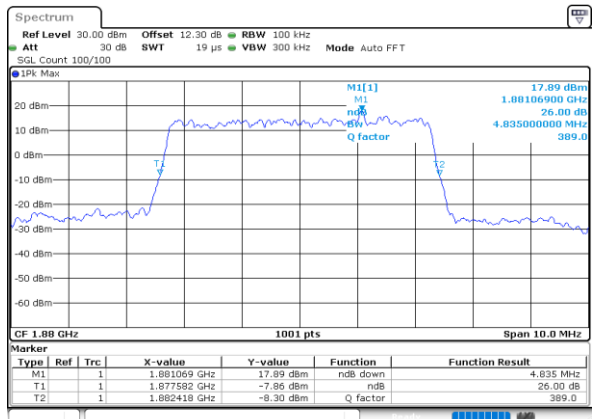
Date: 17 JUN 2022 17:39:46

Middle Channel / 5MHz / QPSK



Date: 17 JUN 2022 17:51:11

Middle Channel / 5MHz / 16QAM

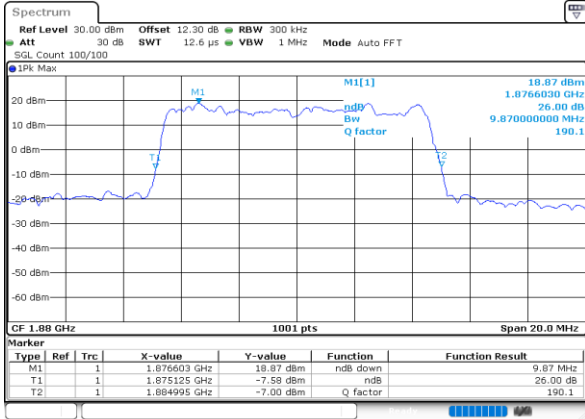


Date: 17 JUN 2022 17:51:37



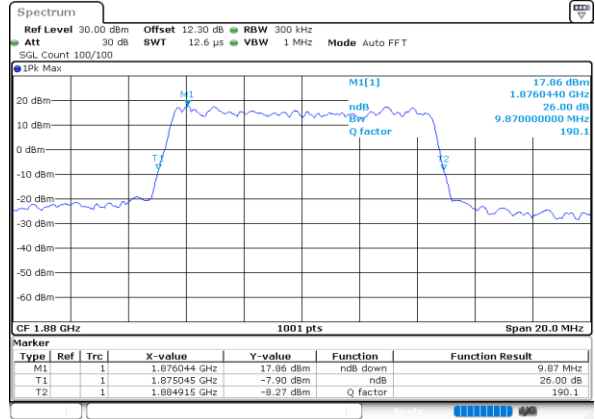
LTE Band 25

Middle Channel / 10MHz / QPSK



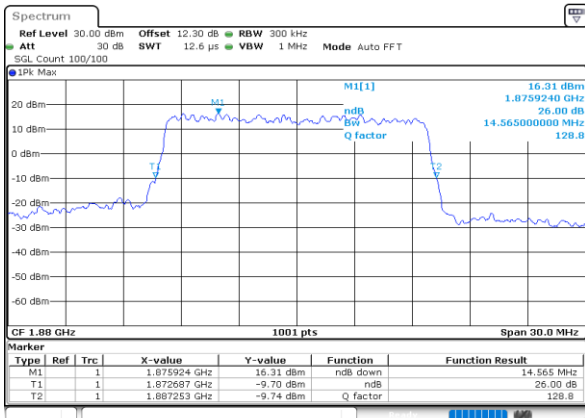
Date: 17 JUN 2022 18:06:45

Middle Channel / 10MHz / 16QAM



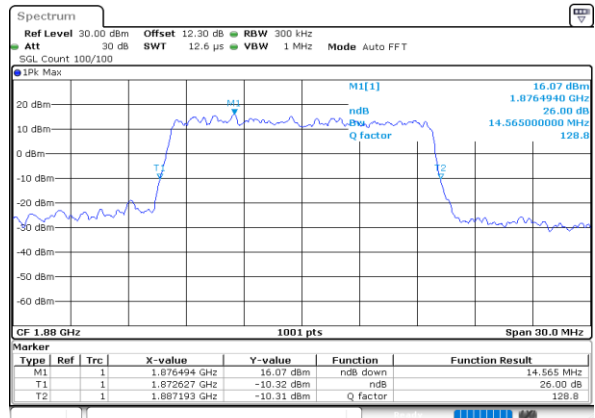
Date: 17 JUN 2022 18:07:12

Middle Channel / 15MHz / QPSK



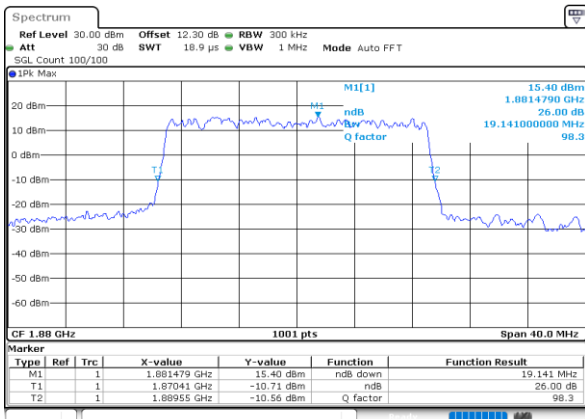
Date: 17 JUN 2022 18:26:03

Middle Channel / 15MHz / 16QAM



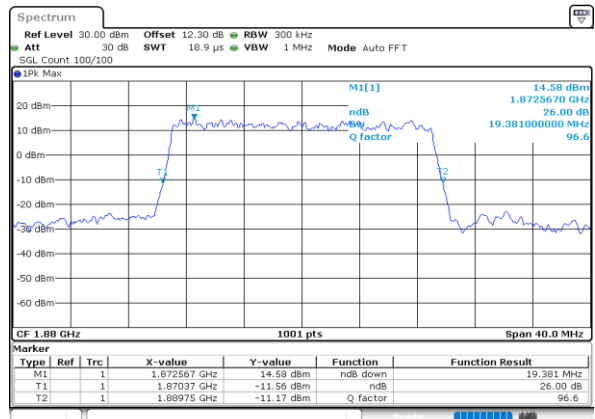
Date: 17 JUN 2022 18:26:29

Middle Channel / 20MHz / QPSK



Date: 17 JUN 2022 18:37:54

Middle Channel / 20MHz / 16QAM



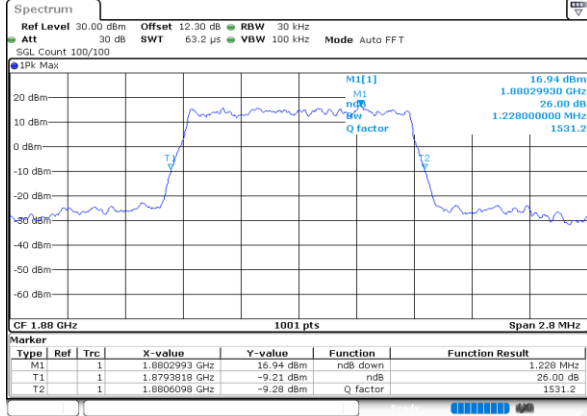
Date: 17 JUN 2022 18:38:20





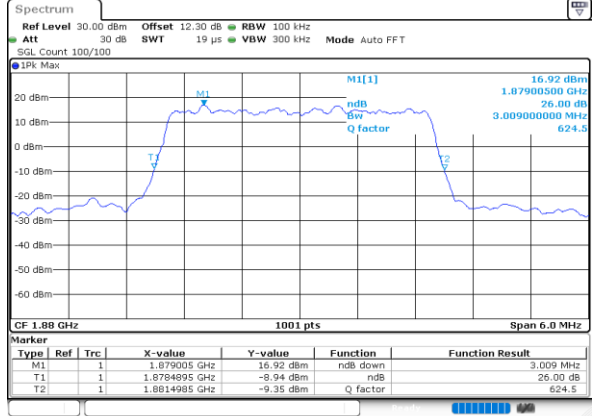
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



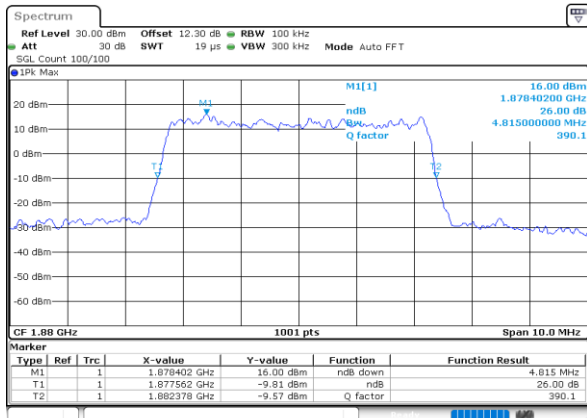
Date: 17 JUN 2022 17:27:54

Middle Channel / 3MHz / 64QAM



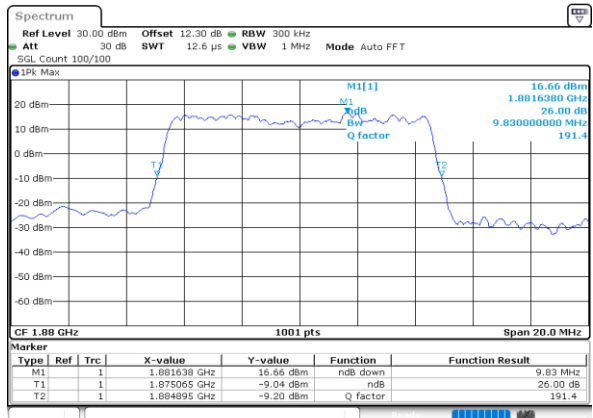
Date: 17 JUN 2022 17:32:21

Middle Channel / 5MHz / 64QAM



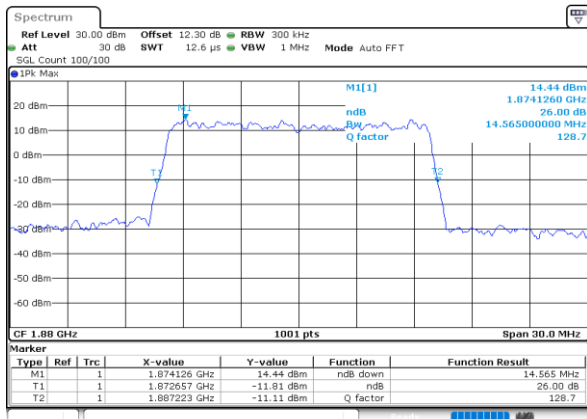
Date: 17 JUN 2022 17:59:03

Middle Channel / 10MHz / 64QAM



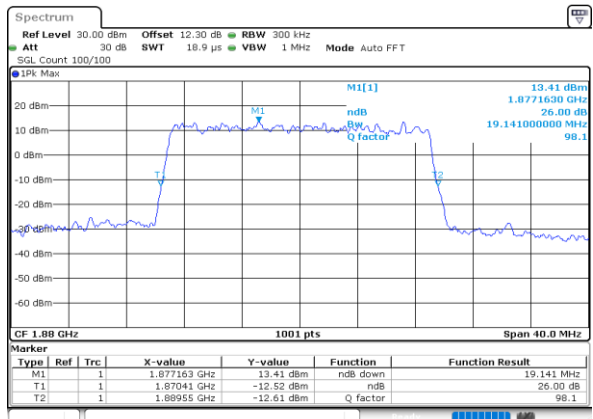
Date: 17 JUN 2022 18:14:38

Middle Channel / 15MHz / 64QAM



Date: 17 JUN 2022 18:19:04

Middle Channel / 20MHz / 64QAM

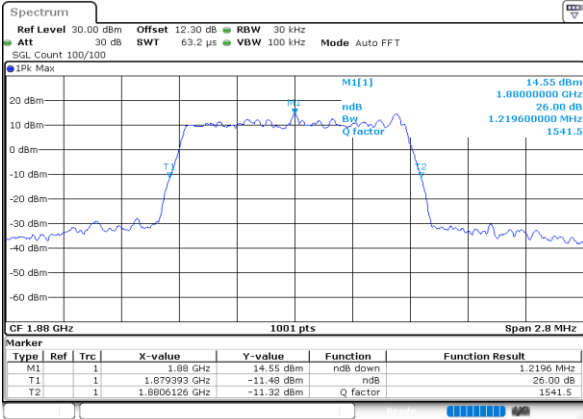


Date: 17 JUN 2022 18:45:43



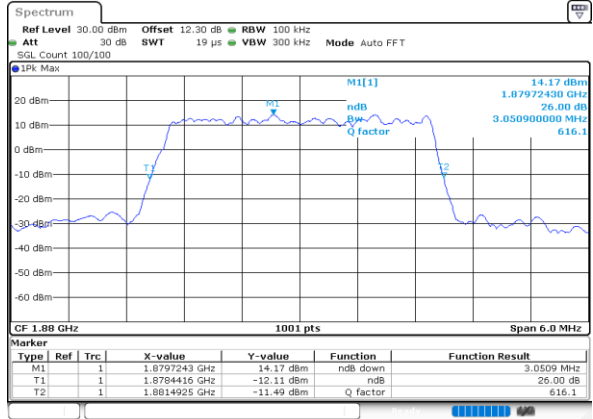
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



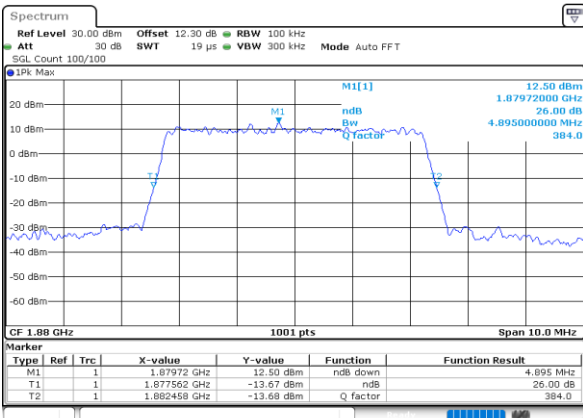
Date: 21 JUN 2022 01:46:41

Middle Channel / 3MHz / 256QAM



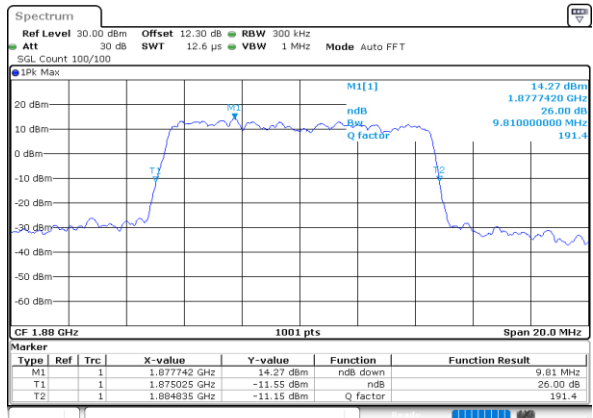
Date: 21 JUN 2022 17:23:59

Middle Channel / 5MHz / 256QAM



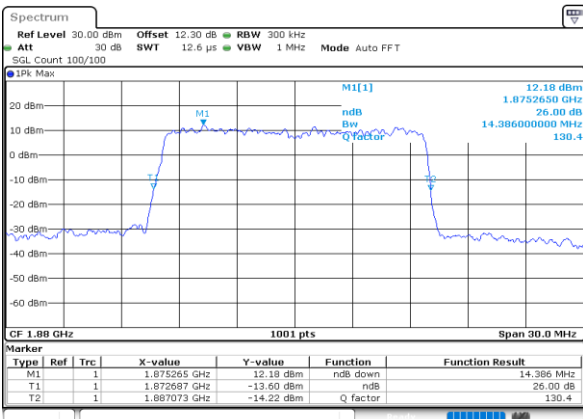
Date: 21 JUN 2022 17:26:54

Middle Channel / 10MHz / 256QAM



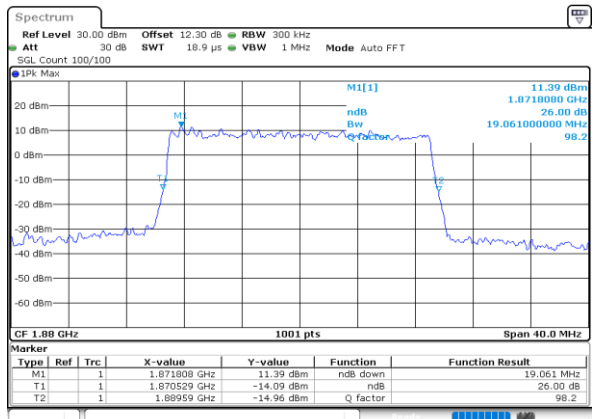
Date: 21 JUN 2022 17:28:11

Middle Channel / 15MHz / 256QAM



Date: 21 JUN 2022 17:29:51

Middle Channel / 20MHz / 256QAM



Date: 21 JUN 2022 17:31:14



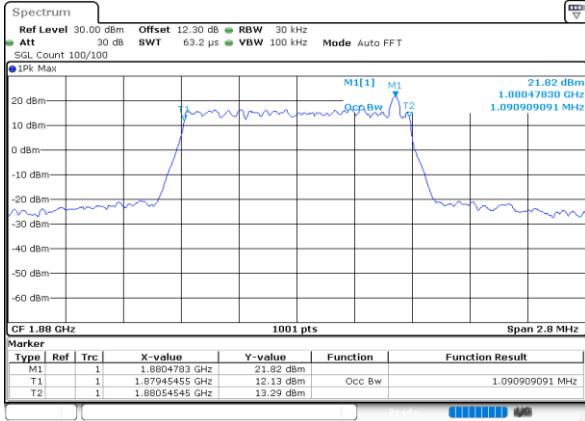
**Occupied Bandwidth**

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	2.72	2.72	4.50	4.49	9.05	9.03	13.43	13.49	17.90	17.98
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.73	2.72	4.51	4.49	9.09	9.05	13.43	13.40	17.94	17.90



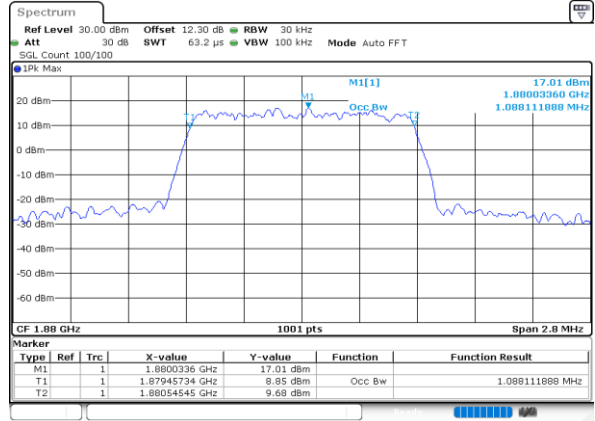
LTE Band 25

Middle Channel / 1.4MHz / QPSK



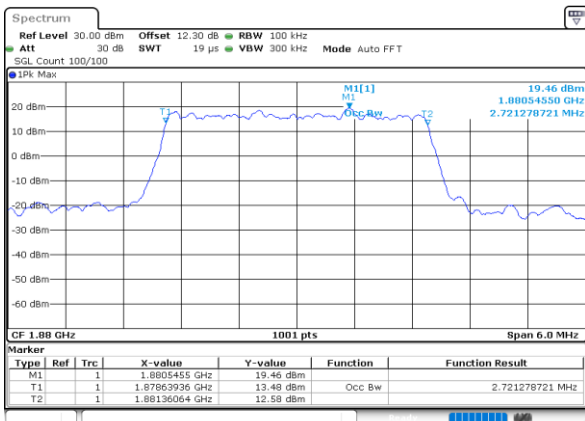
Date: 17 JUN 2022 17:19:09

Middle Channel / 1.4MHz / 16QAM



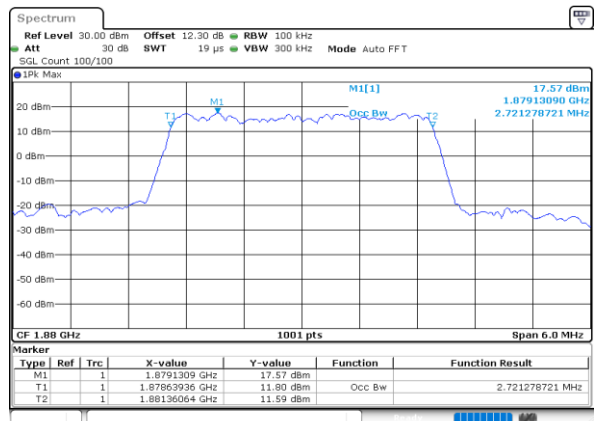
Date: 17 JUN 2022 17:19:35

Middle Channel / 3MHz / QPSK



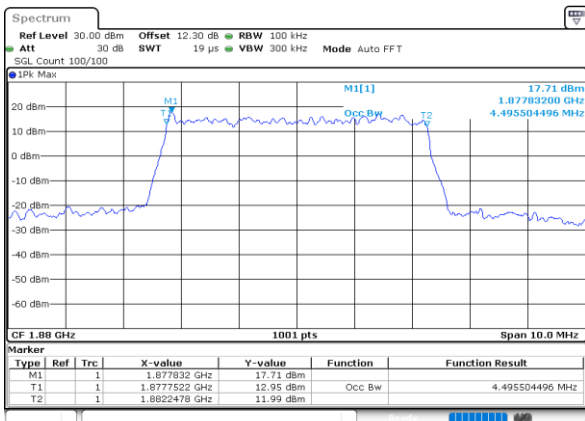
Date: 17 JUN 2022 17:38:27

Middle Channel / 3MHz / 16QAM



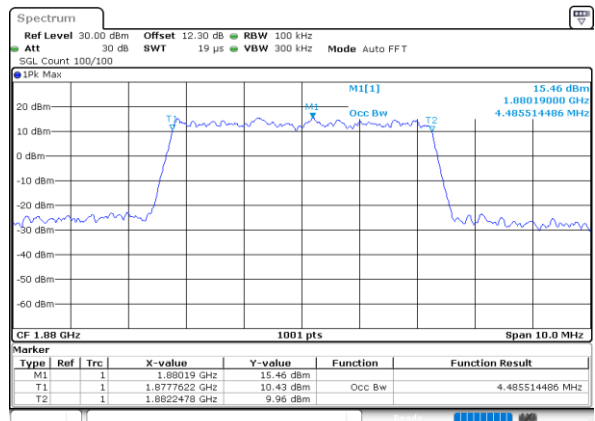
Date: 17 JUN 2022 17:38:53

Middle Channel / 5MHz / QPSK



Date: 17 JUN 2022 17:50:18

Middle Channel / 5MHz / 16QAM

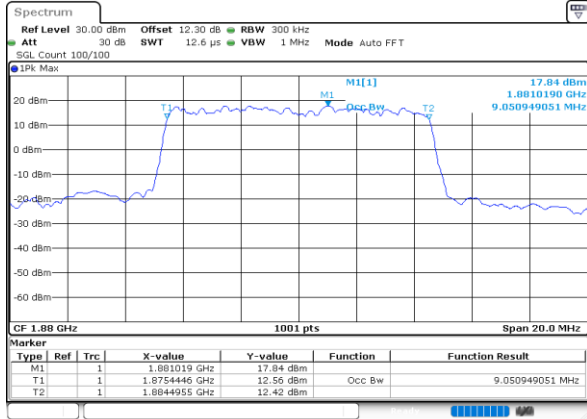


Date: 17 JUN 2022 17:50:45



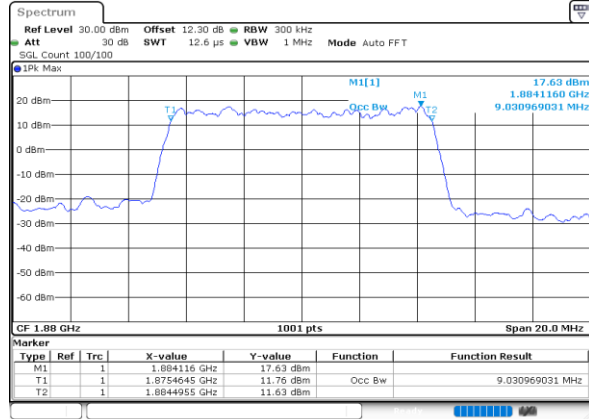
LTE Band 25

Middle Channel / 10MHz / QPSK



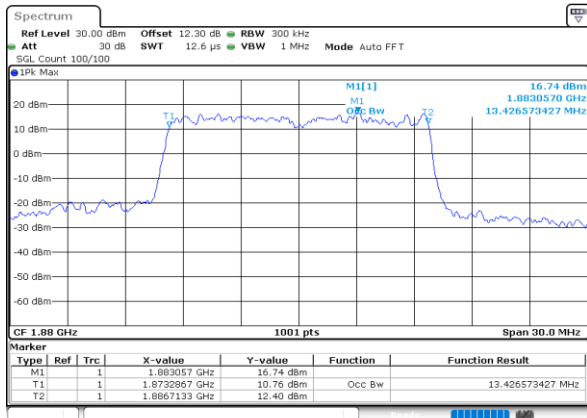
Date: 17 JUN 2022 18:05:52

Middle Channel / 10MHz / 16QAM



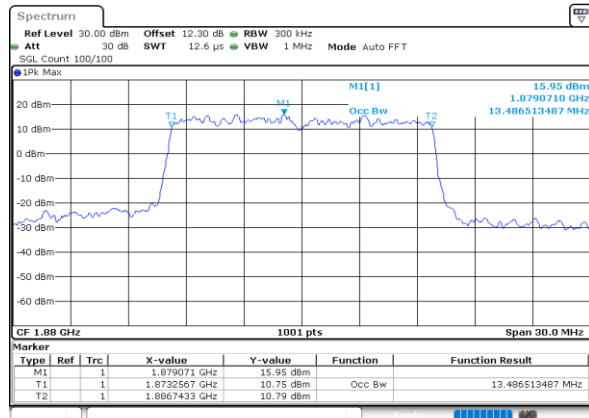
Date: 17 JUN 2022 18:06:19

Middle Channel / 15MHz / QPSK



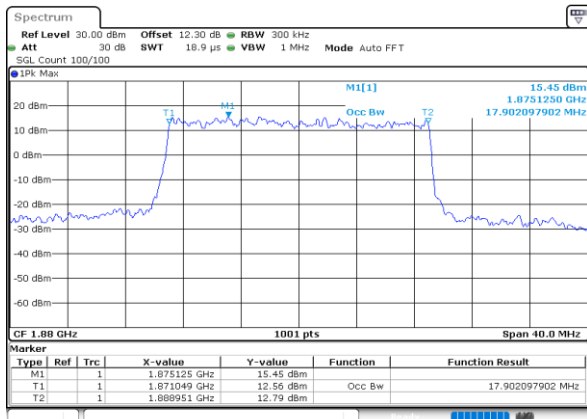
Date: 17 JUN 2022 18:25:10

Middle Channel / 15MHz / 16QAM



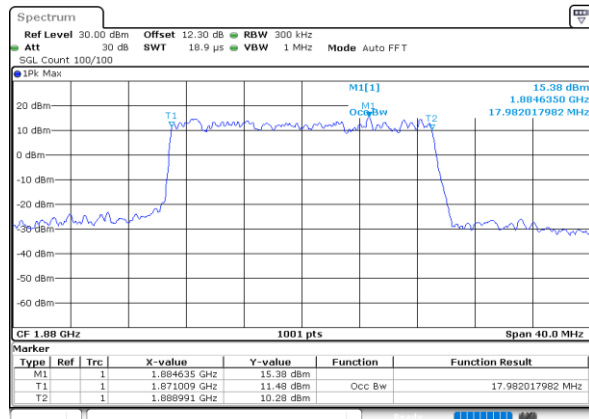
Date: 17 JUN 2022 18:25:36

Middle Channel / 20MHz / QPSK



Date: 17 JUN 2022 18:37:01

Middle Channel / 20MHz / 16QAM

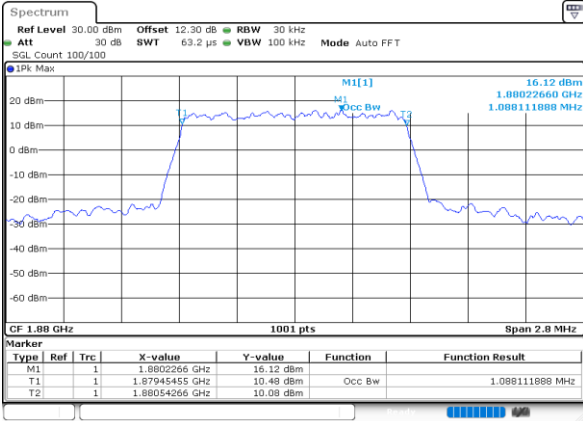


Date: 17 JUN 2022 18:37:28



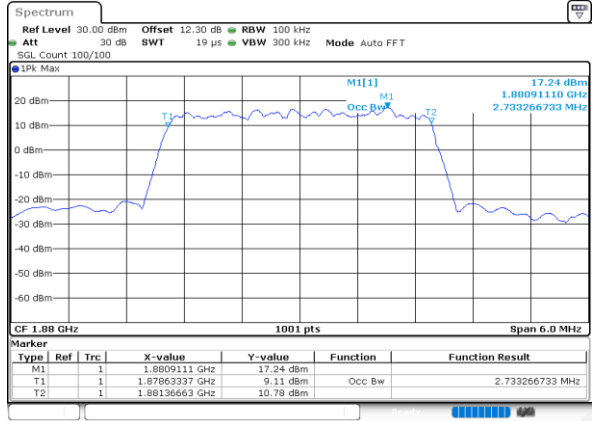
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



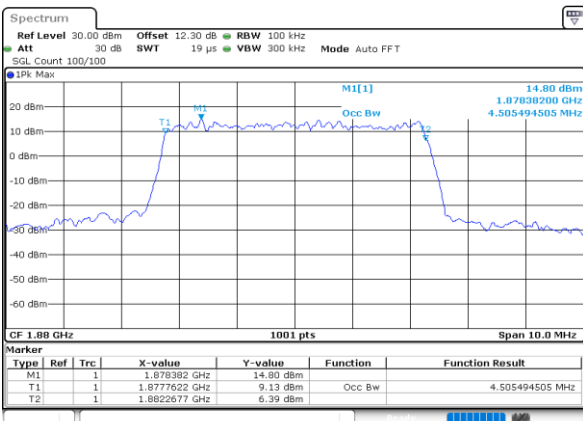
Date: 17 JUN 2022 17:27:40

Middle Channel / 3MHz / 64QAM



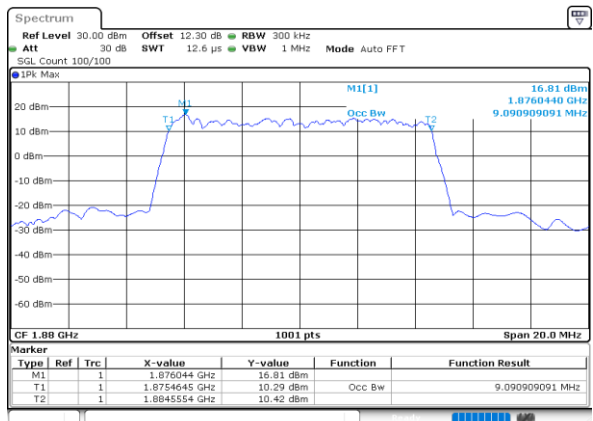
Date: 17 JUN 2022 17:32:06

Middle Channel / 5MHz / 64QAM



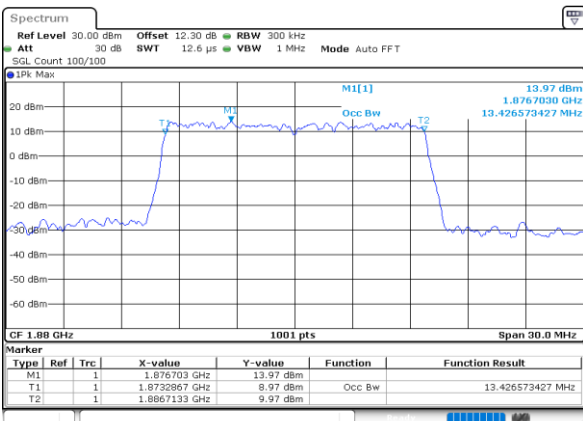
Date: 17 JUN 2022 17:58:40

Middle Channel / 10MHz / 64QAM



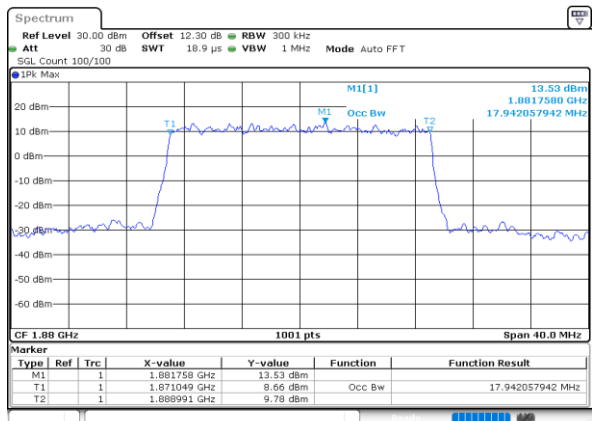
Date: 17 JUN 2022 18:14:24

Middle Channel / 15MHz / 64QAM



Date: 17 JUN 2022 18:18:50

Middle Channel / 20MHz / 64QAM

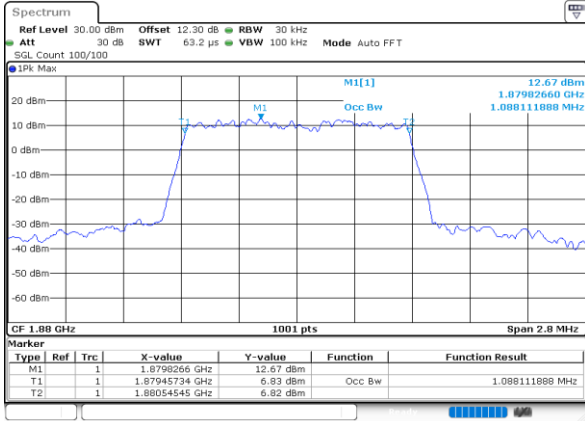


Date: 17 JUN 2022 18:45:29



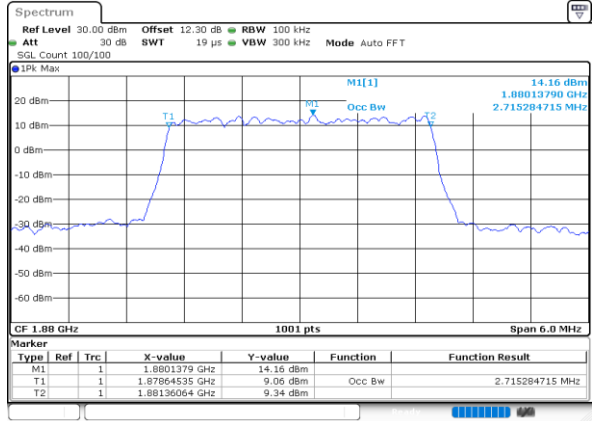
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



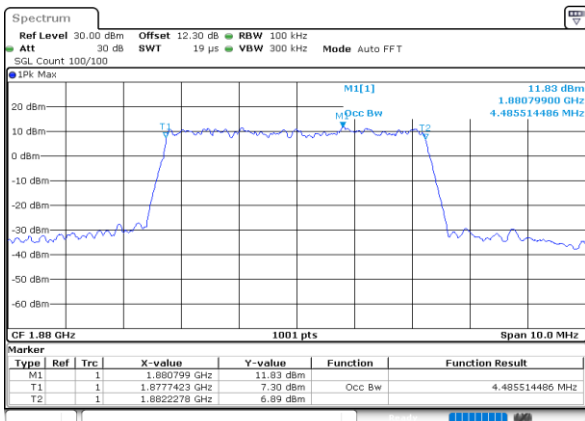
Date: 21.JUN.2022 01:42:50

Middle Channel / 3MHz / 256QAM



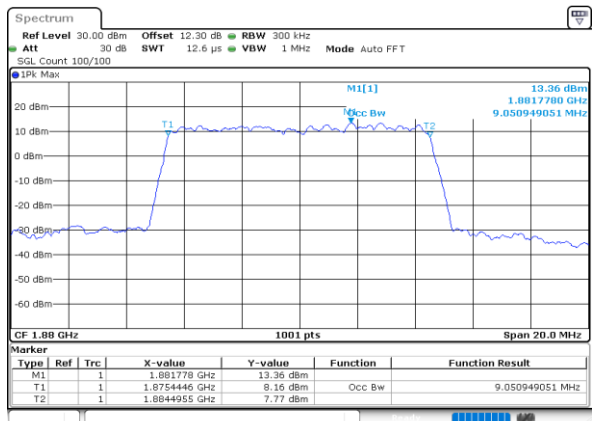
Date: 21.JUN.2022 17:23:28

Middle Channel / 5MHz / 256QAM



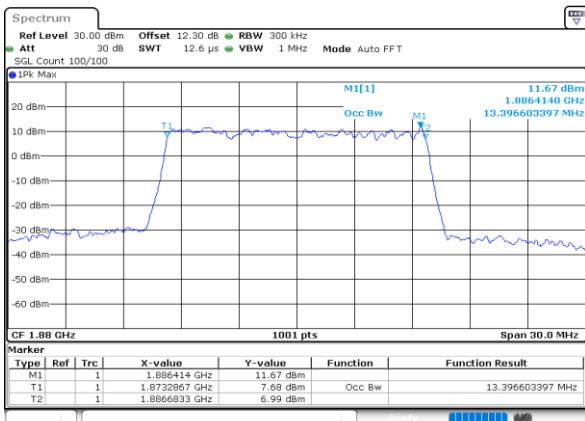
Date: 21.JUN.2022 17:26:07

Middle Channel / 10MHz / 256QAM



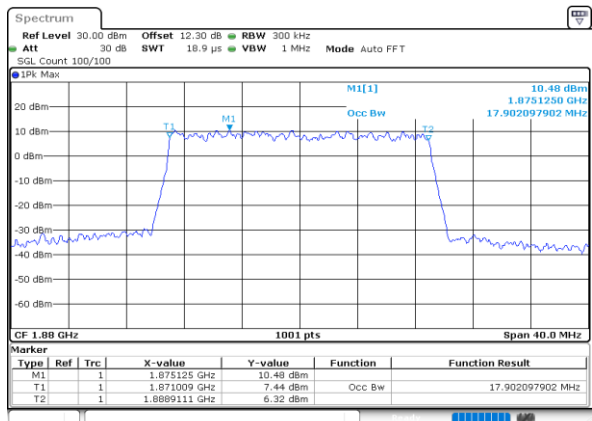
Date: 21.JUN.2022 17:27:38

Middle Channel / 15MHz / 256QAM



Date: 21.JUN.2022 17:29:18

Middle Channel / 20MHz / 256QAM



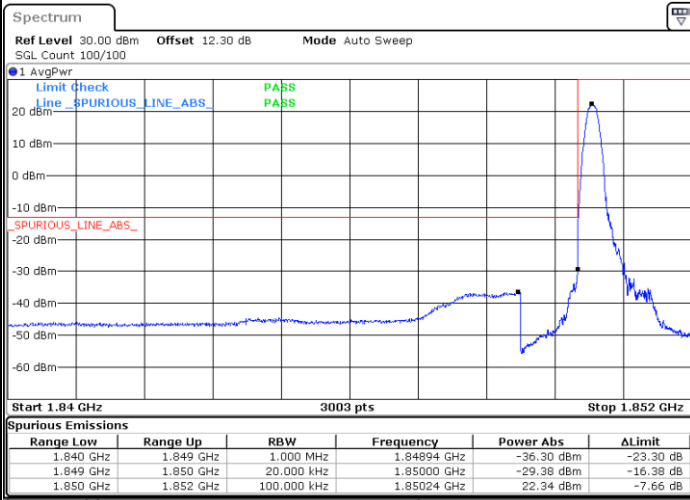
Date: 21.JUN.2022 17:30:32



# Conducted Band Edge

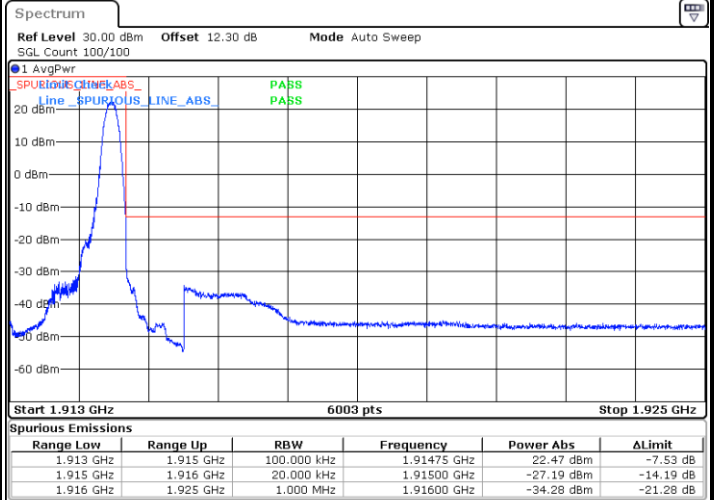
## LTE Band 25 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



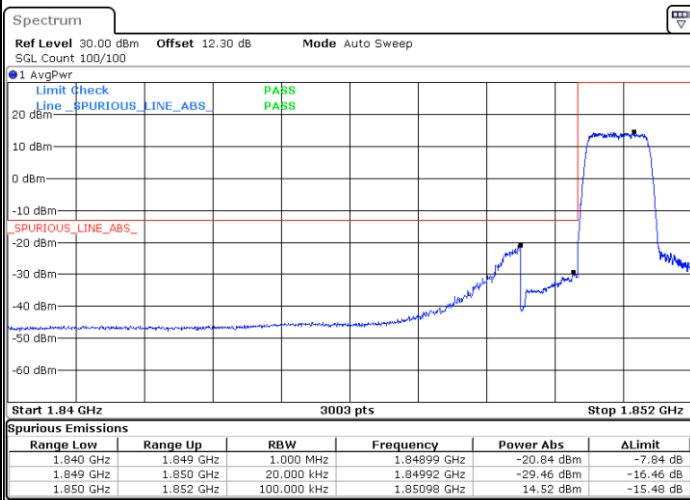
Date: 17.JUN.2022 17:15:19

### Highest Band Edge / 1RB



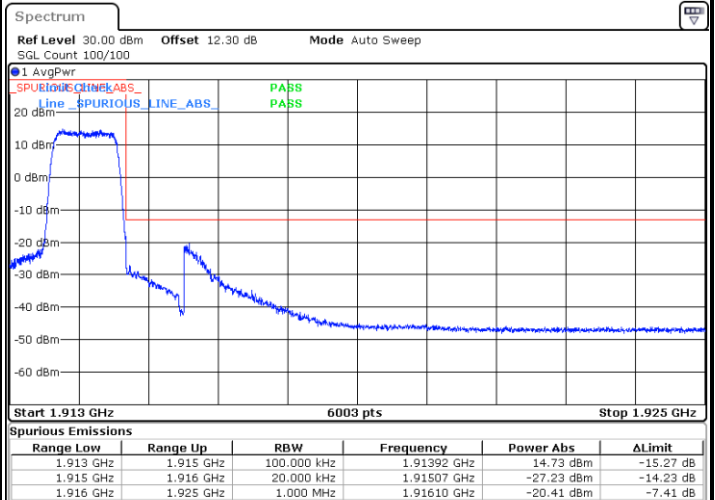
Date: 17.JUN.2022 17:24:36

### Lowest Band Edge / Full RB



Date: 17.JUN.2022 17:16:50

### Highest Band Edge / Full RB



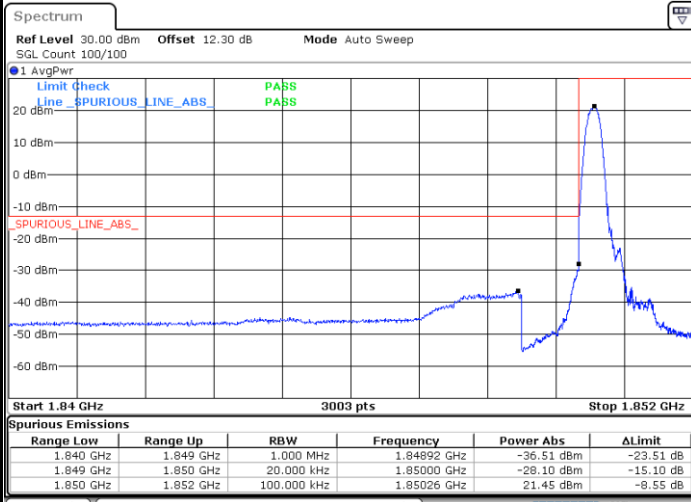
Date: 17.JUN.2022 17:22:19



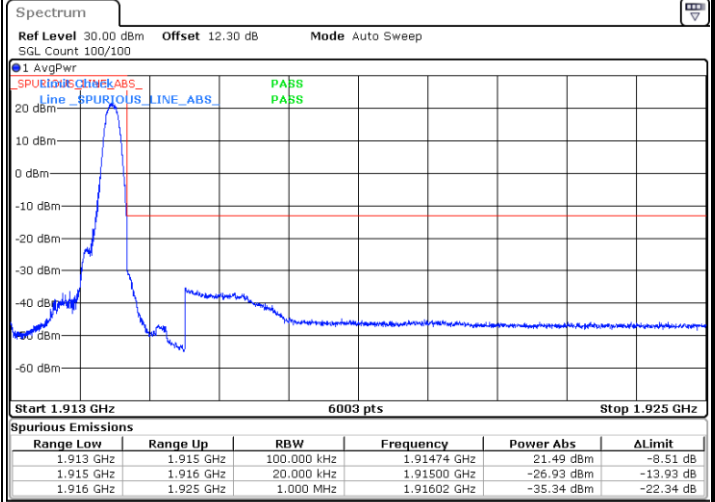


LTE Band 25 / 1.4MHz / 16QAM

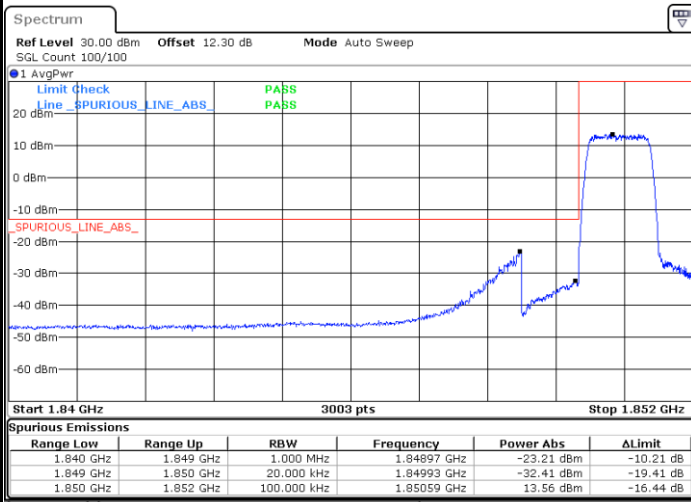
Lowest Band Edge / 1 RB



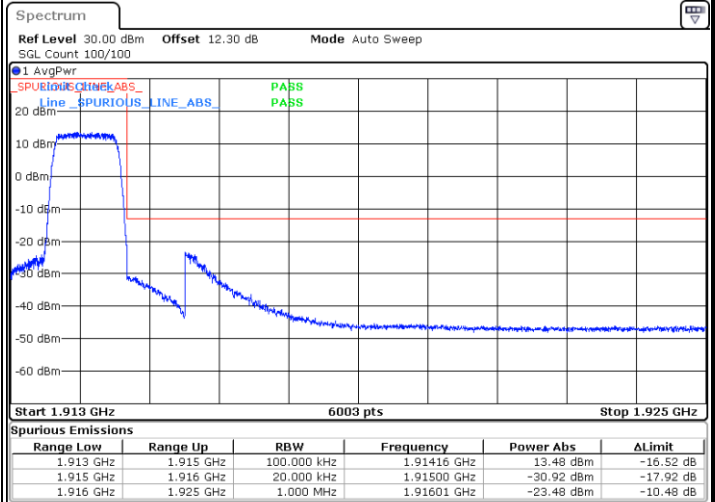
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



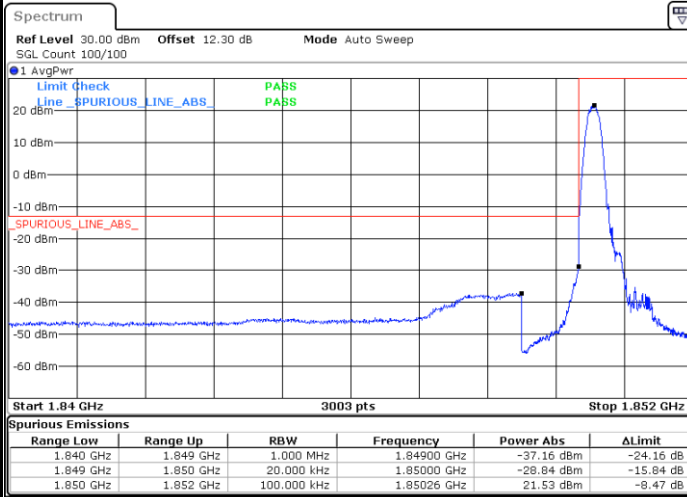
Highest Band Edge / Full RB





LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



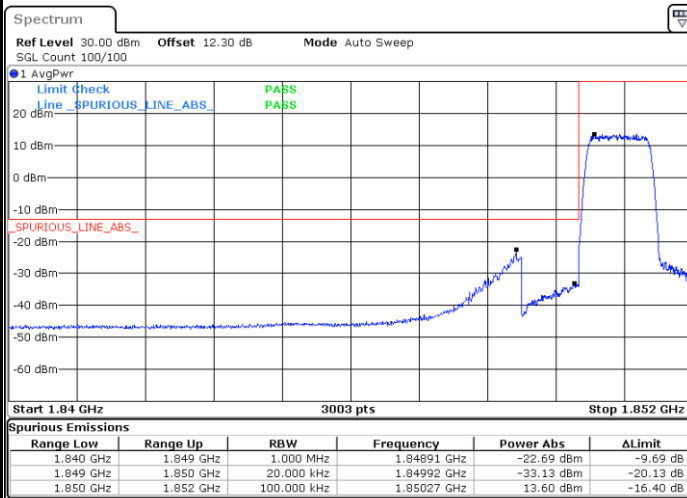
Date: 17 JUN 2022 17:26:28

Highest Band Edge / 1 RB



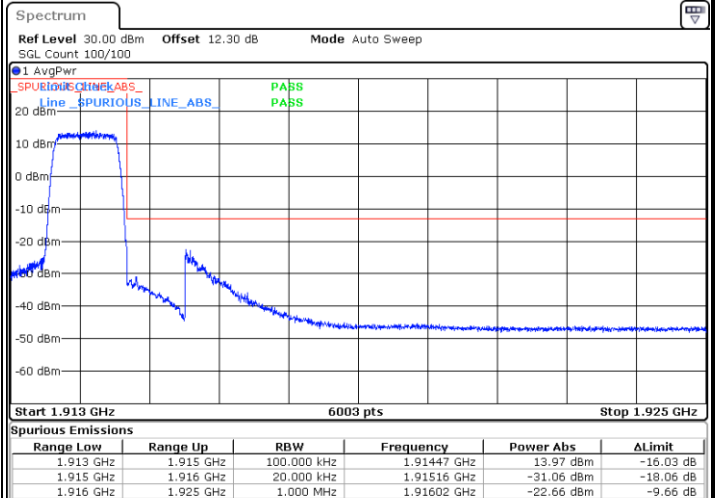
Date: 17 JUN 2022 17:29:25

Lowest Band Edge / Full RB



Date: 17 JUN 2022 17:27:14

Highest Band Edge / Full RB

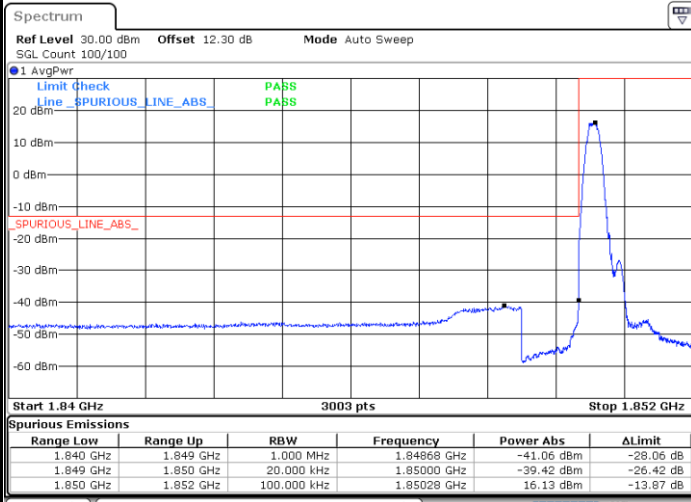


Date: 17 JUN 2022 17:28:39



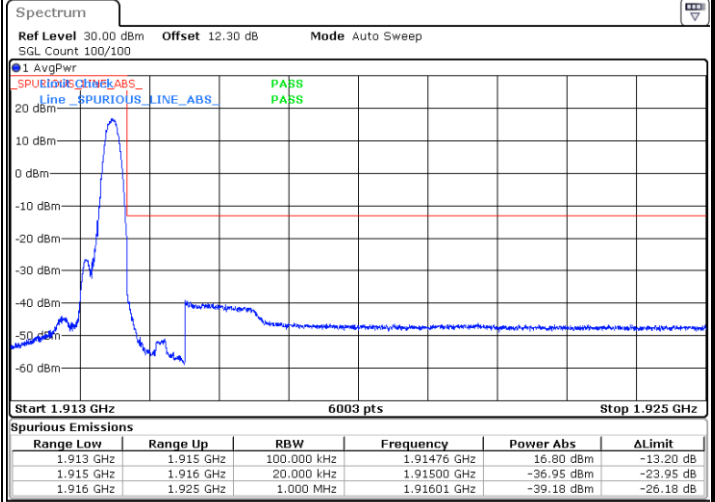
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



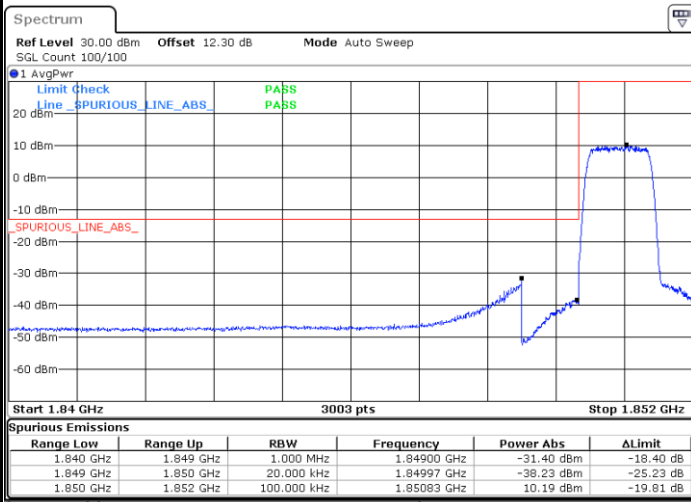
Date: 21.JUN.2022 01:27:47

Highest Band Edge / 1 RB



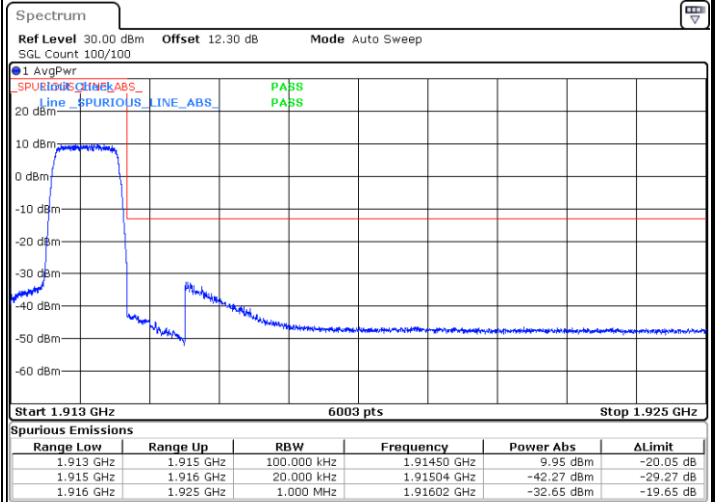
Date: 21.JUN.2022 02:01:51

Lowest Band Edge / Full RB



Date: 21.JUN.2022 01:38:52

Highest Band Edge / Full RB

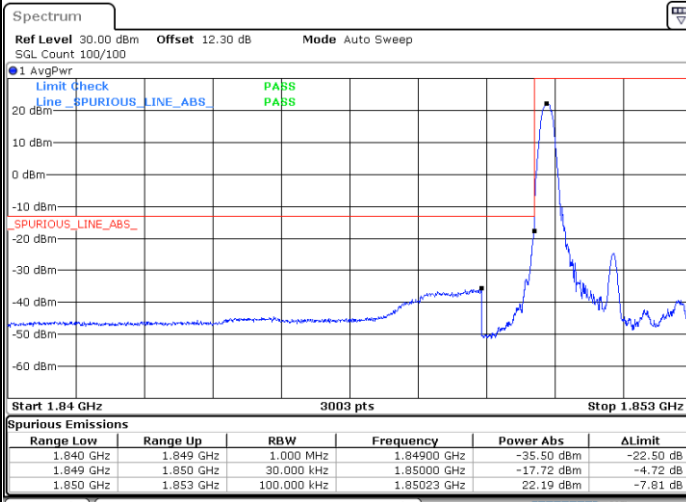


Date: 21.JUN.2022 17:21:03



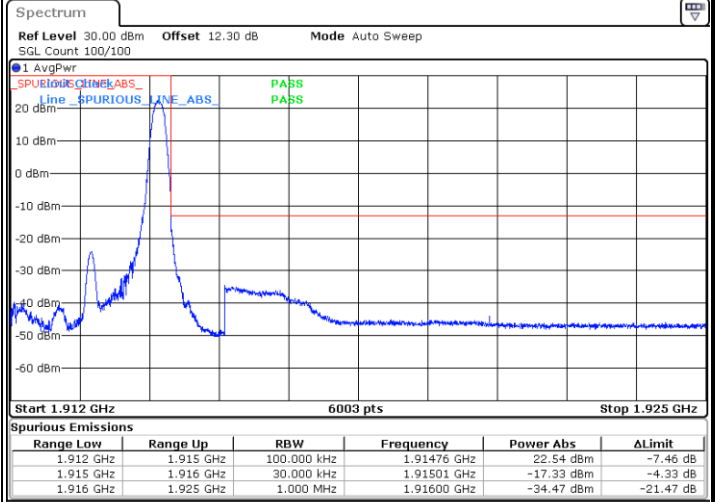
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



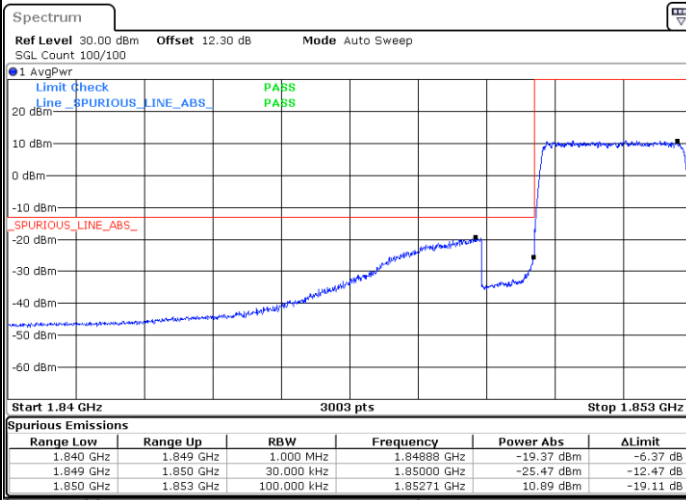
Date: 17 JUN 2022 17:34:37

Highest Band Edge / 1 RB



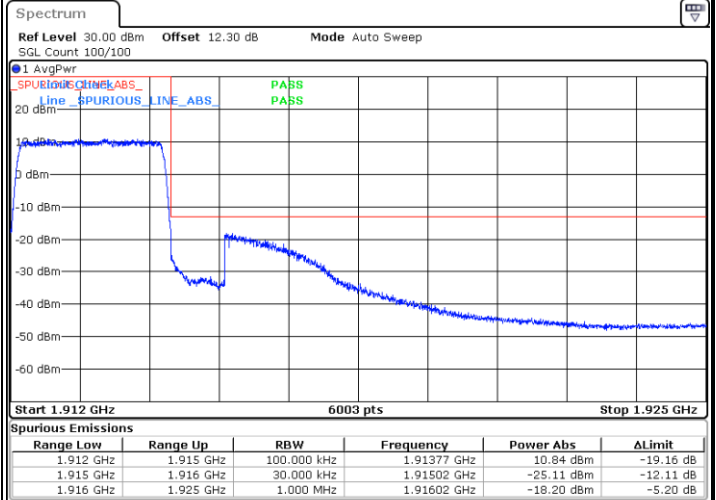
Date: 17 JUN 2022 17:43:54

Lowest Band Edge / Full RB



Date: 17 JUN 2022 17:36:09

Highest Band Edge / Full RB

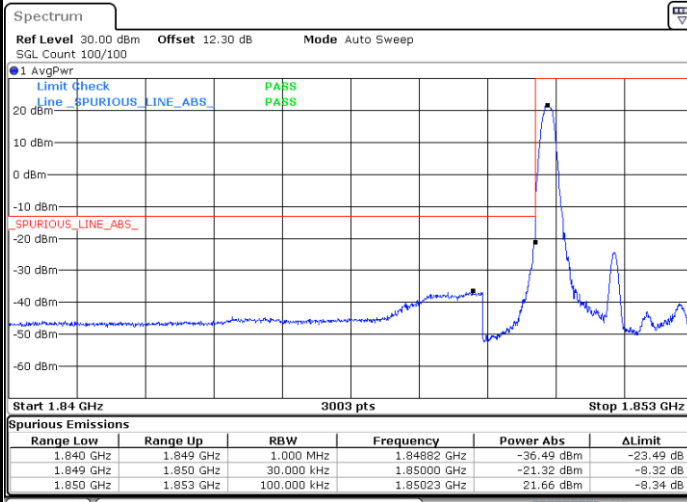


Date: 17 JUN 2022 17:41:37



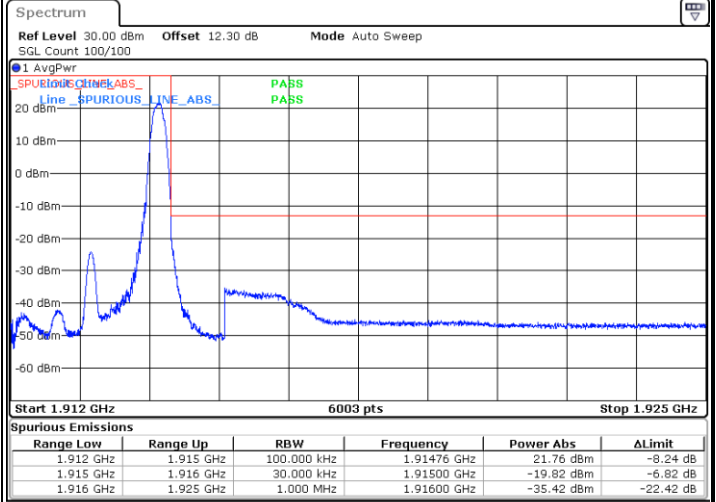
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



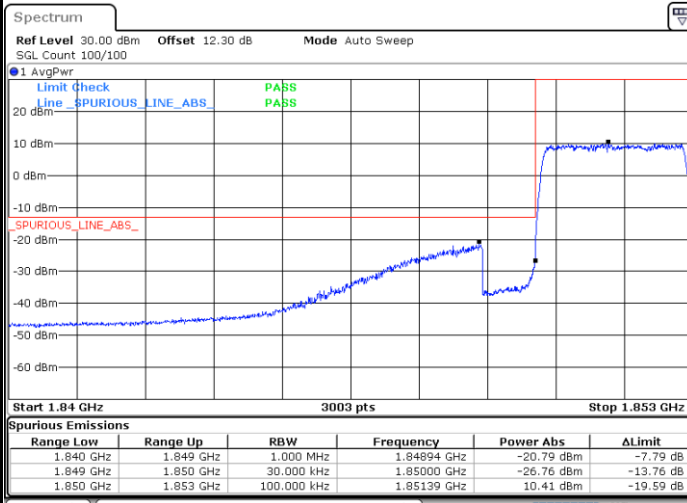
Date: 17 JUN 2022 17:35:23

Highest Band Edge / 1 RB



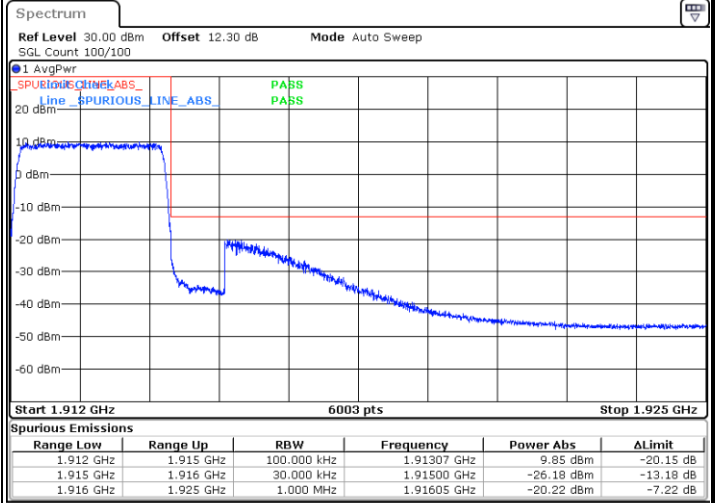
Date: 17 JUN 2022 17:43:09

Lowest Band Edge / Full RB



Date: 17 JUN 2022 17:36:54

Highest Band Edge / Full RB



Date: 17 JUN 2022 17:42:23