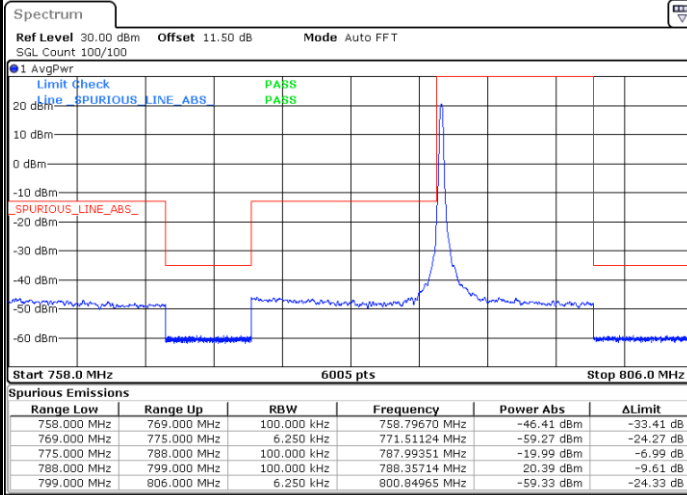




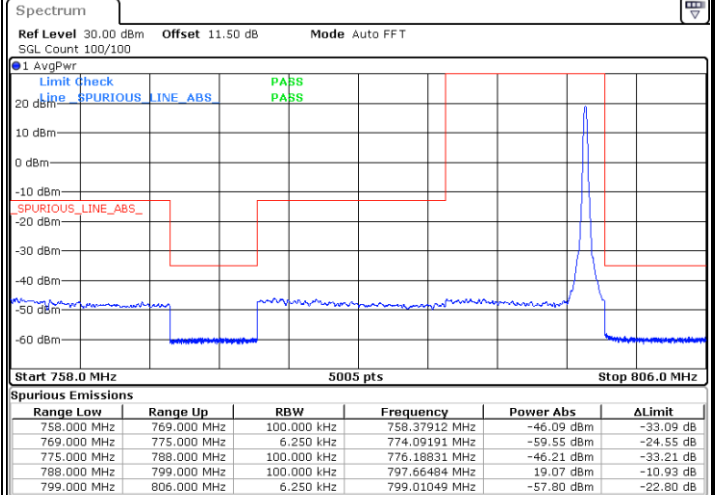
LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



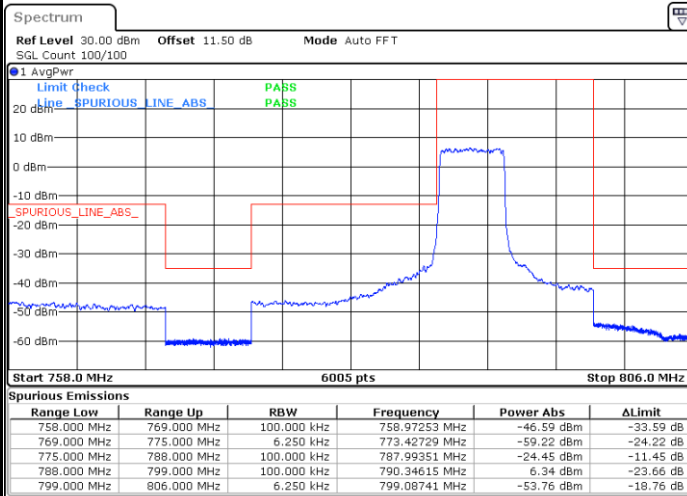
Date: 30.MAY.2024 15:55:13

Highest Band Edge / 1 RB



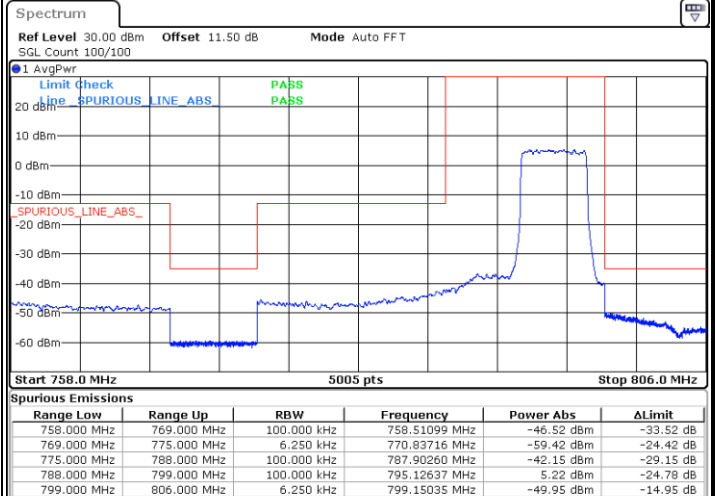
Date: 30.MAY.2024 16:47:25

Lowest Band Edge / Full RB



Date: 30.MAY.2024 15:54:14

Highest Band Edge / Full RB

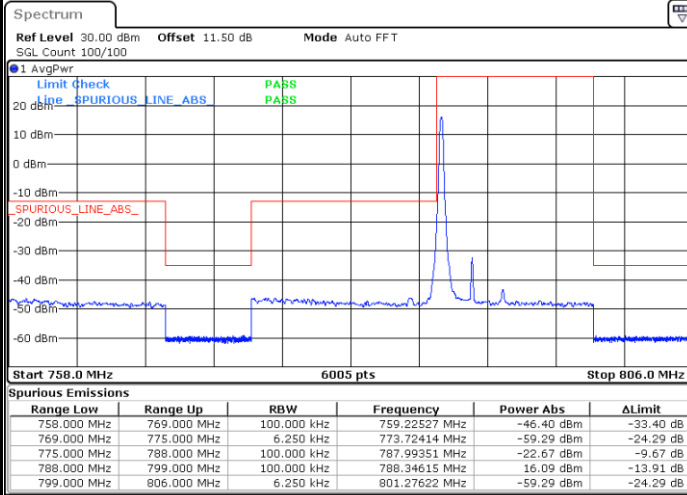


Date: 30.MAY.2024 17:46:39



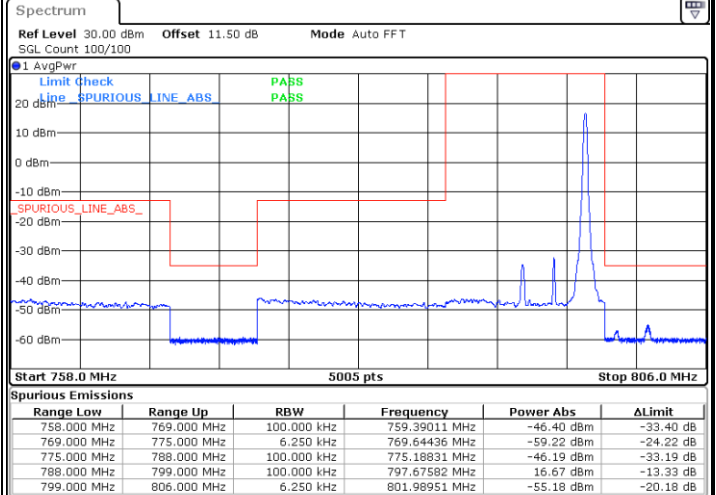
LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



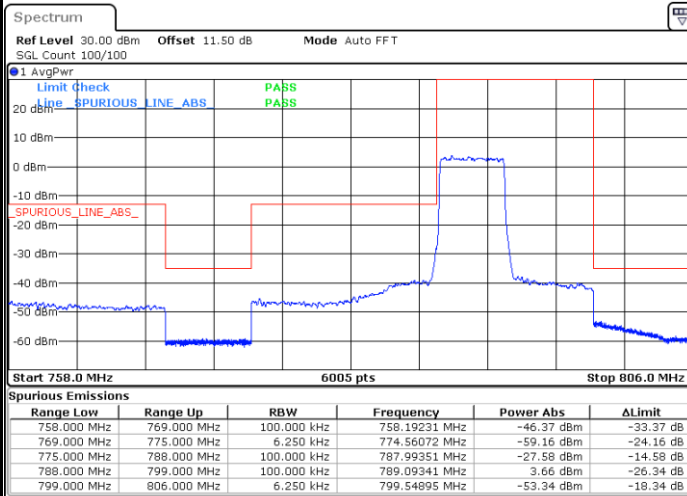
Date: 30.MAY.2024 15:56:13

Highest Band Edge / 1 RB



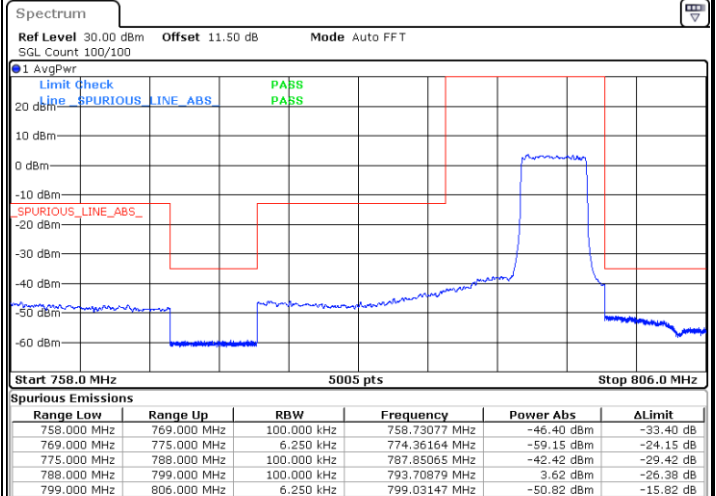
Date: 30.MAY.2024 17:48:52

Lowest Band Edge / Full RB

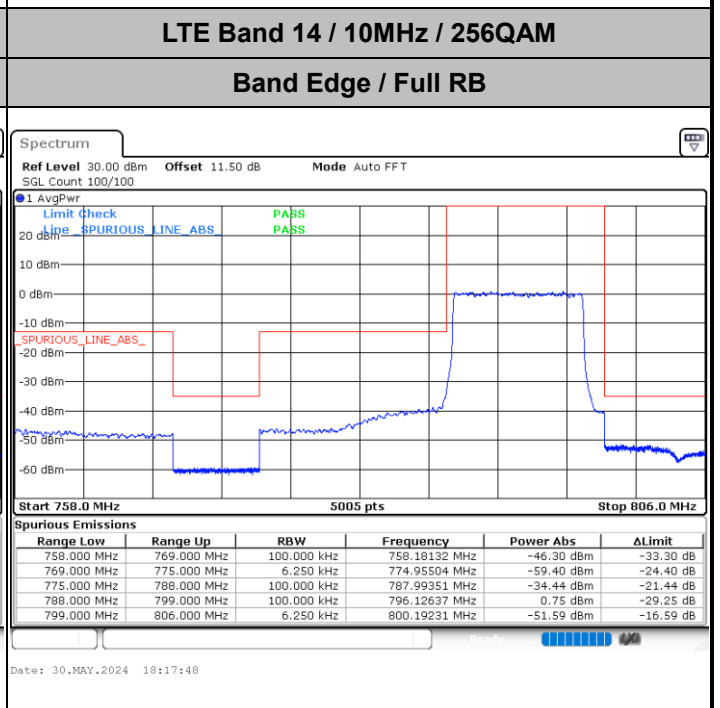
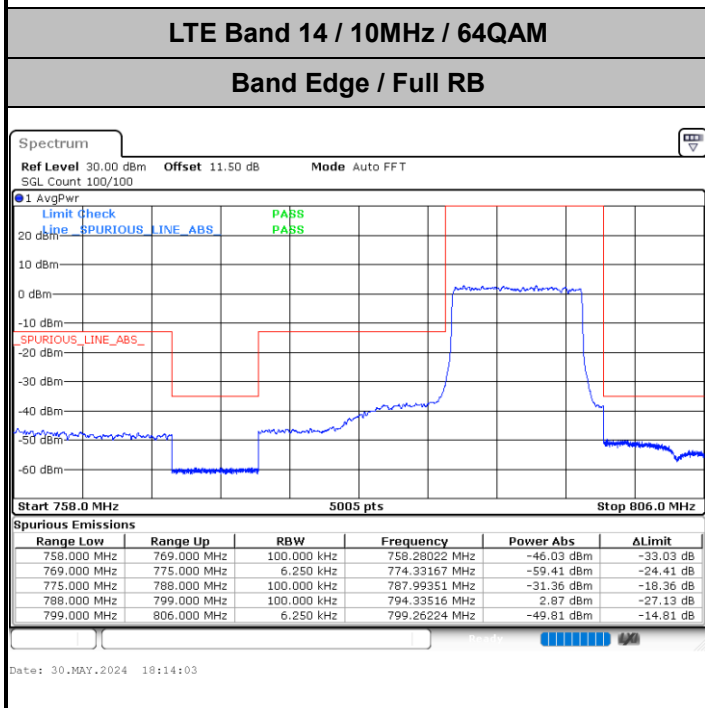
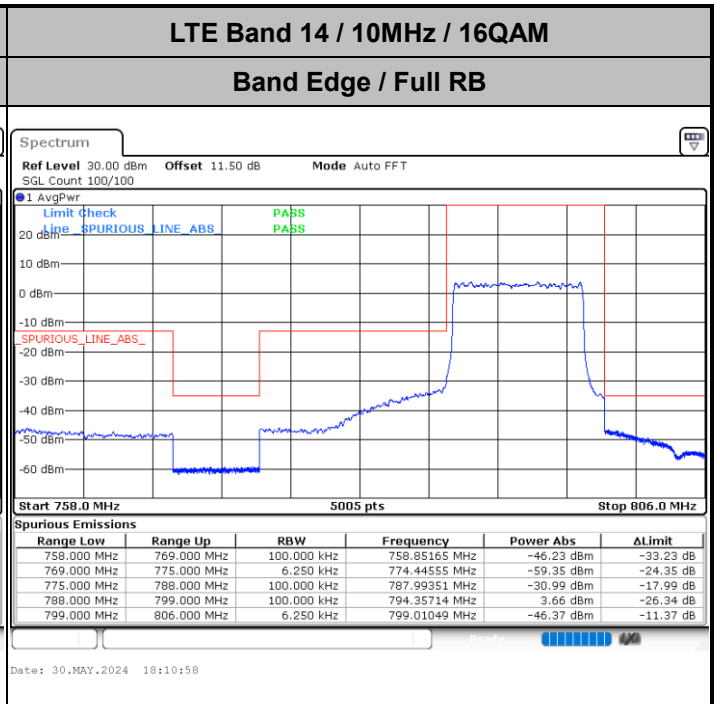
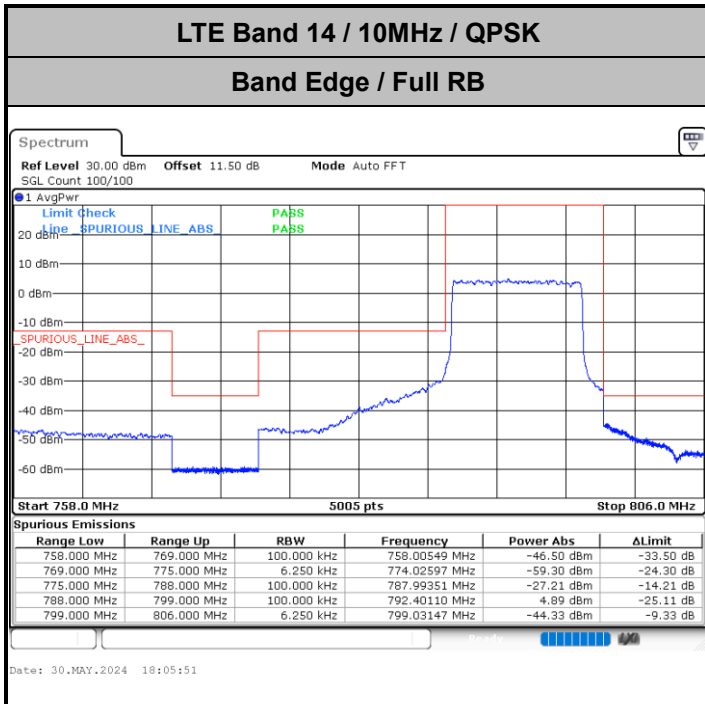


Date: 30.MAY.2024 15:57:16

Highest Band Edge / Full RB



Date: 30.MAY.2024 17:47:43



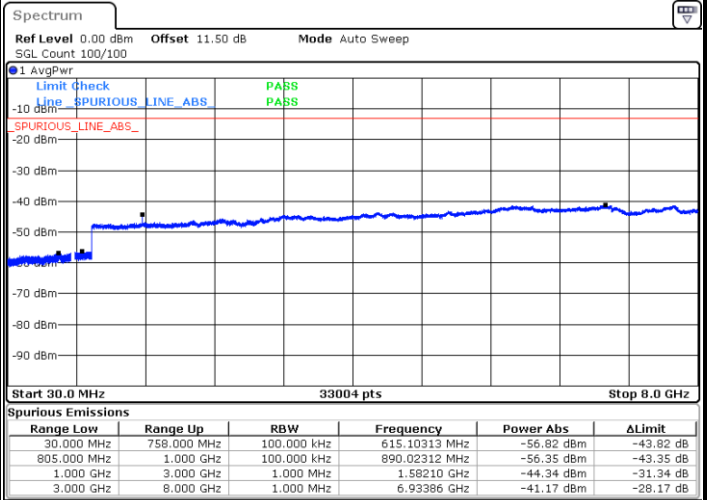
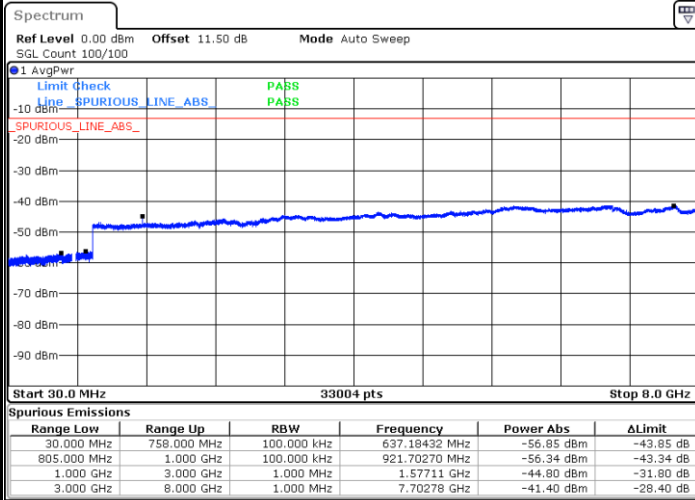


# Conducted Spurious Emission

## LTE Band 14 / 5MHz

### Lowest Channel / QPSK

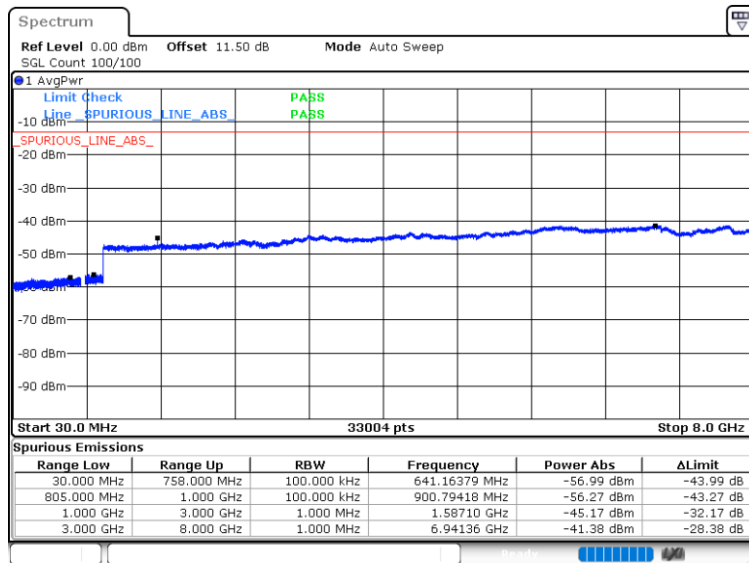
### Middle Channel / QPSK



Date: 30.MAY.2024 15:51:10

Date: 30.MAY.2024 16:25:09

### Highest Channel / QPSK

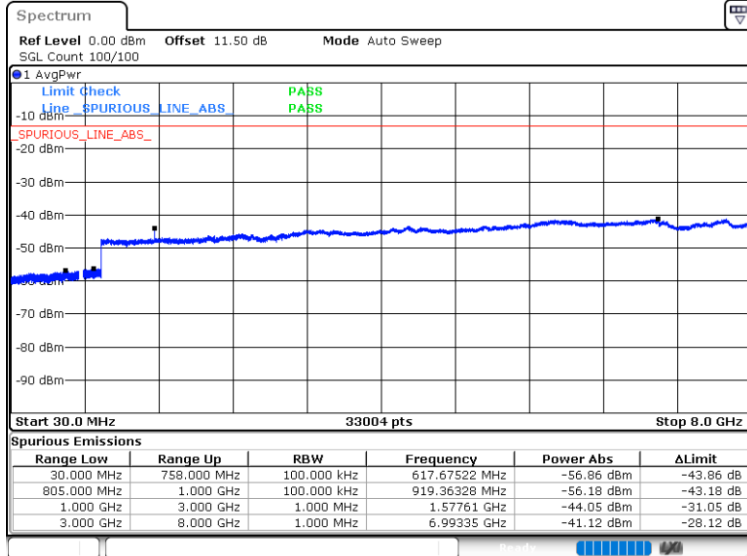


Date: 30.MAY.2024 16:41:54



LTE Band 14 / 10MHz

Middle Channel / QPSK



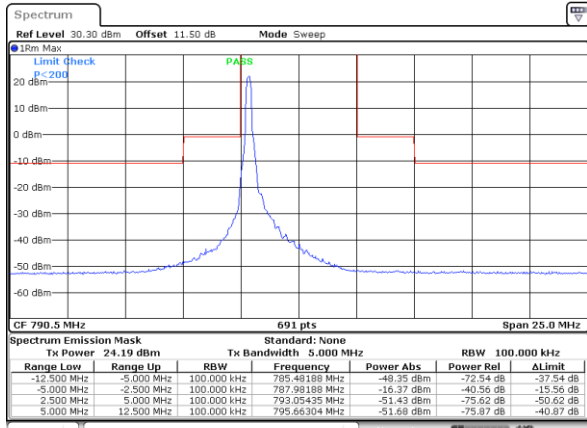
Date: 30.MAY.2024 18:20:10



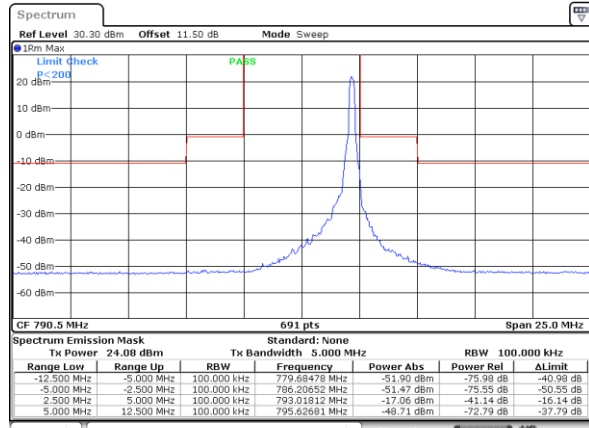
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

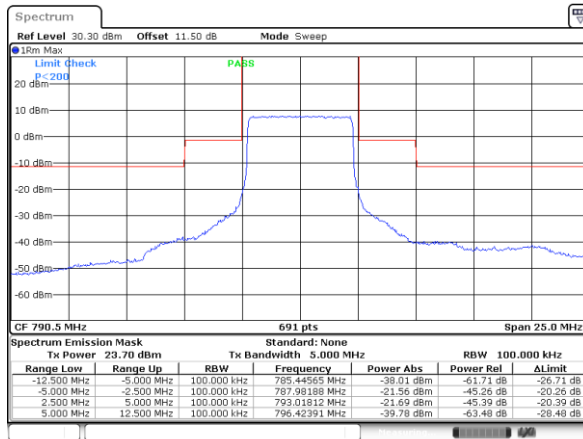


Date: 30.MAY.2024 15:58:30



Date: 30.MAY.2024 15:59:39

Lowest Channel / Full RB

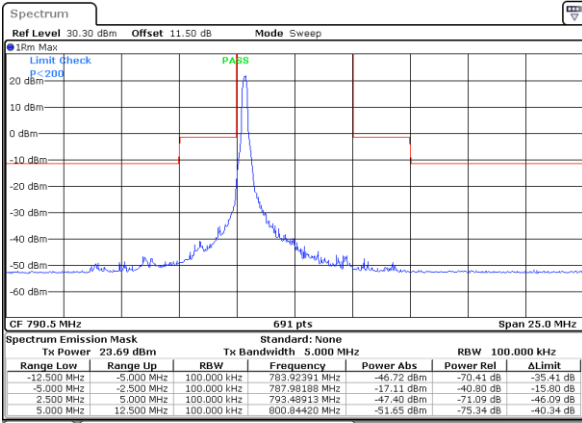


Date: 30.MAY.2024 16:00:51

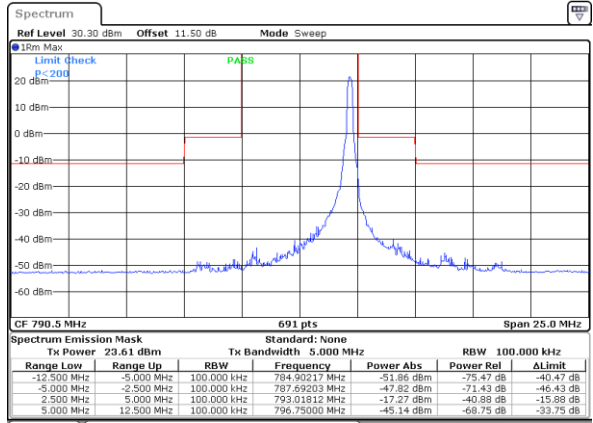


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

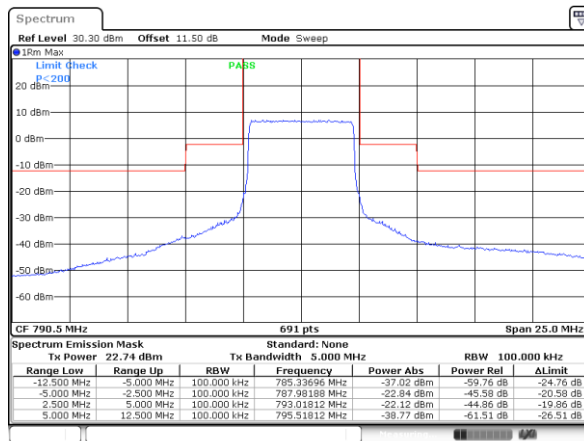


Date: 30.MAY.2024 16:04:20



Date: 30.MAY.2024 16:03:10

Lowest Channel / Full RB

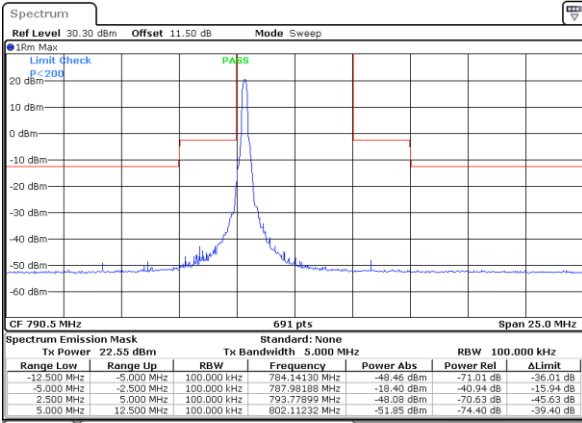


Date: 30.MAY.2024 16:02:01

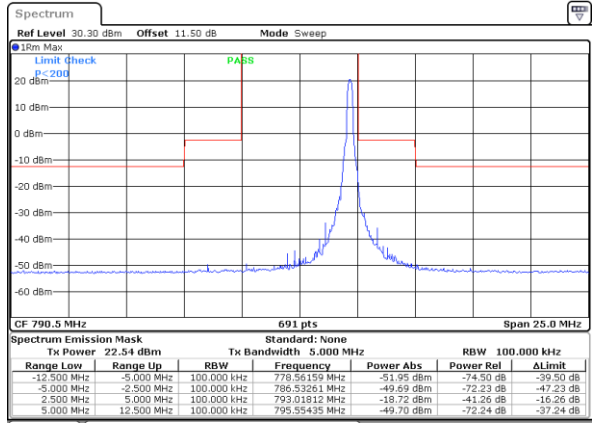


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

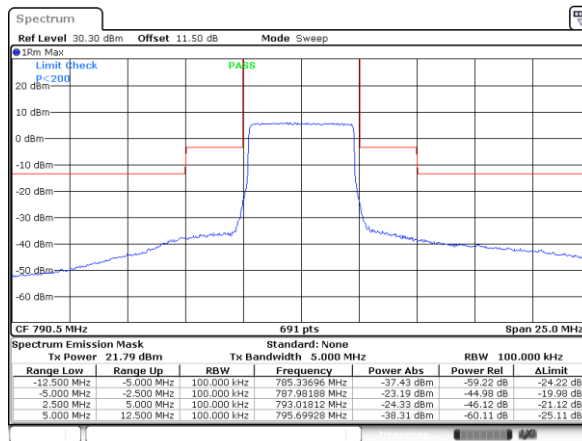


Date: 30.MAY.2024 16:05:35



Date: 30.MAY.2024 16:06:46

Lowest Channel / Full RB



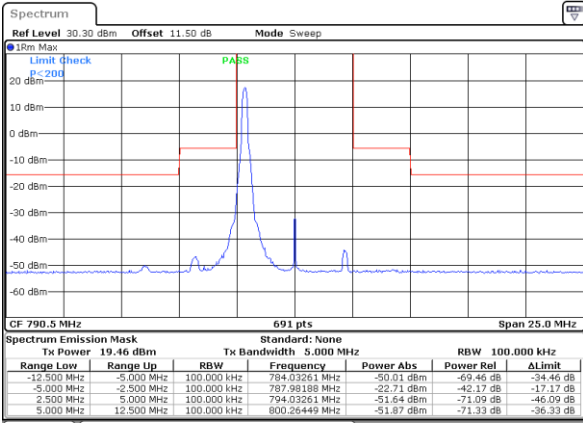
Date: 30.MAY.2024 16:15:03



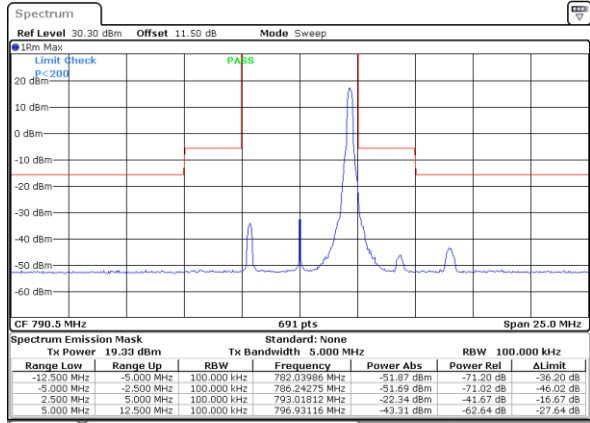


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

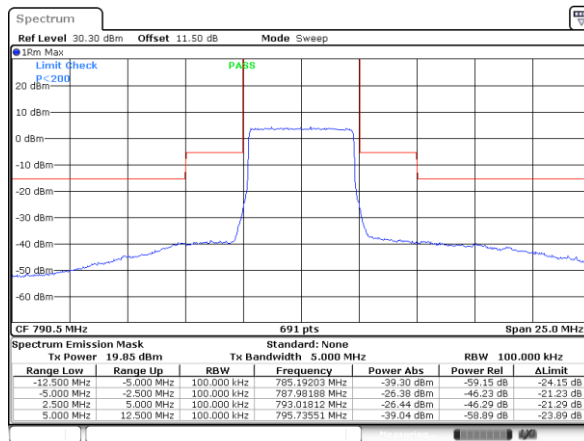


Date: 30.MAY.2024 16:19:02



Date: 30.MAY.2024 16:17:43

Lowest Channel / Full RB

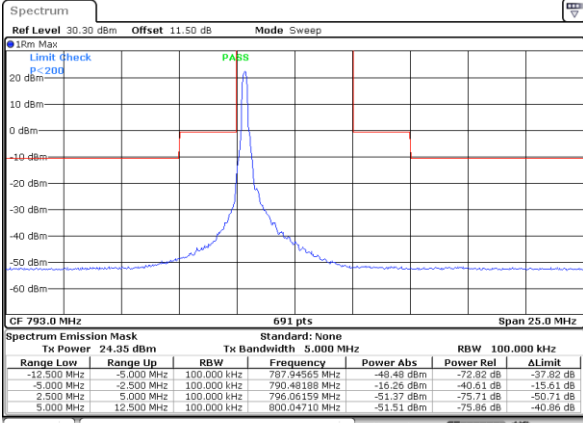


Date: 30.MAY.2024 16:16:20

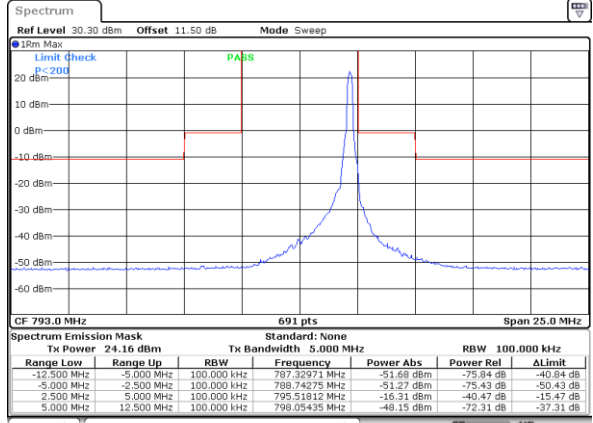


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

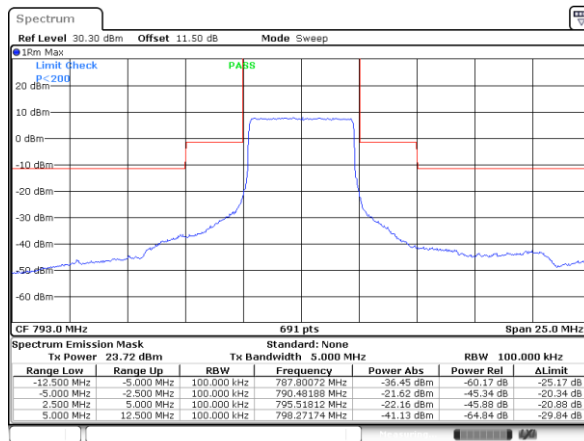


Date: 30.MAY.2024 16:26:13



Date: 30.MAY.2024 16:27:30

Middle Channel / Full RB

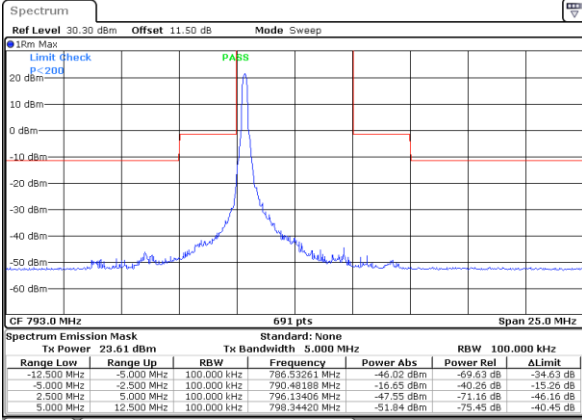


Date: 30.MAY.2024 16:28:48

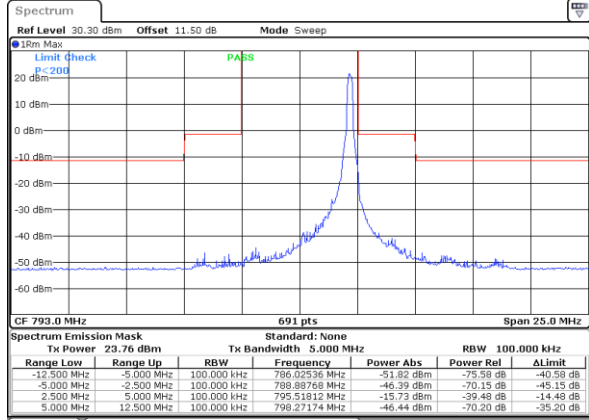


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

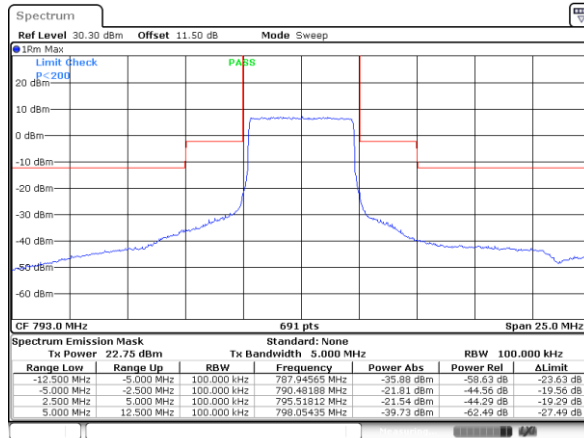


Date: 30.MAY.2024 16:32:35



Date: 30.MAY.2024 16:31:18

Middle Channel / Full RB

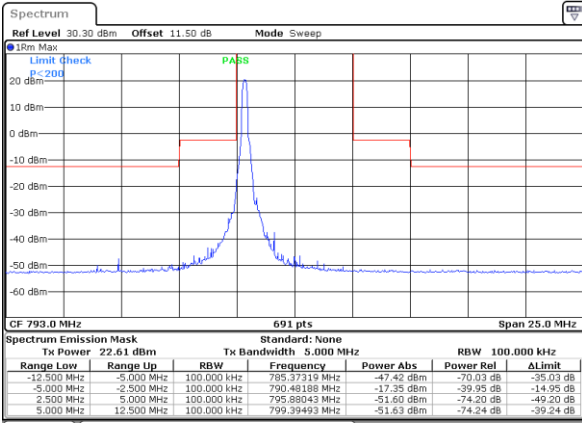


Date: 30.MAY.2024 16:30:04

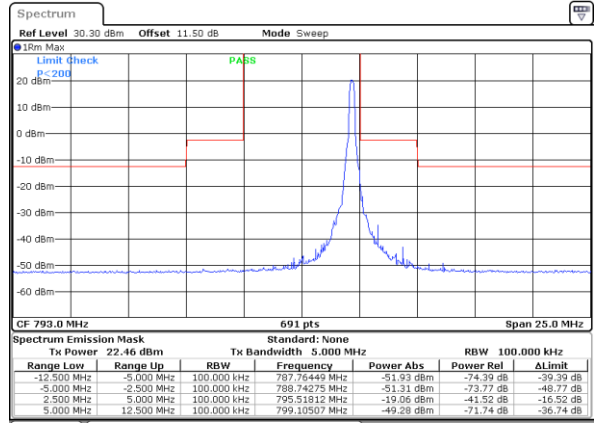


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

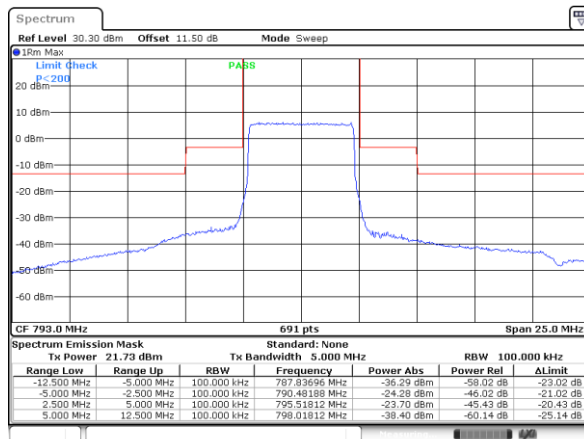


Date: 30.MAY.2024 16:33:51



Date: 30.MAY.2024 16:35:14

Middle Channel / Full RB

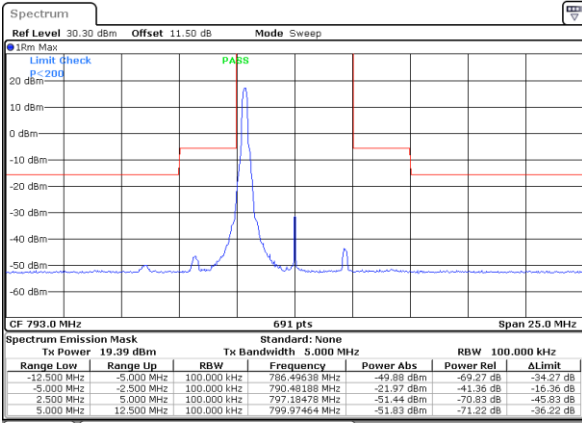


Date: 30.MAY.2024 16:36:30

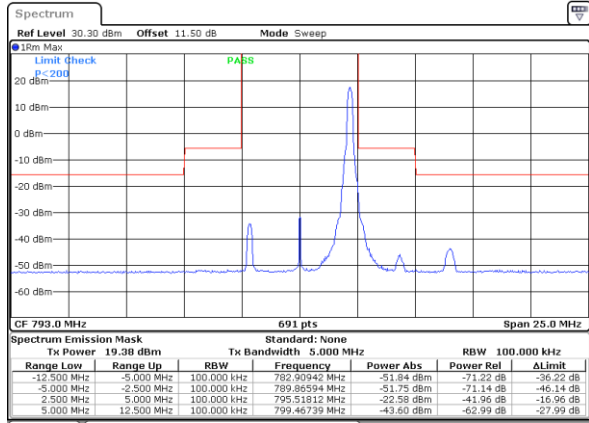


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

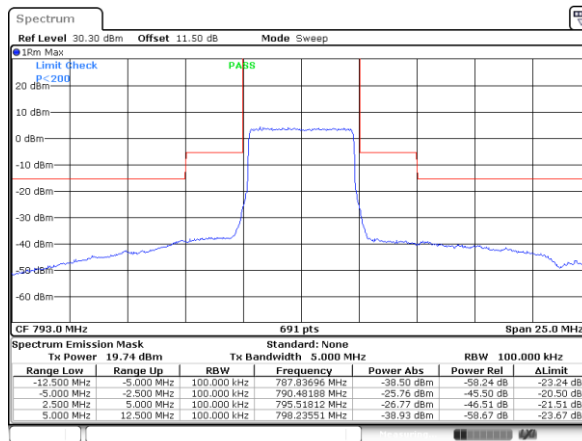


Date: 30.MAY.2024 16:40:28



Date: 30.MAY.2024 16:13:09

Middle Channel / Full RB

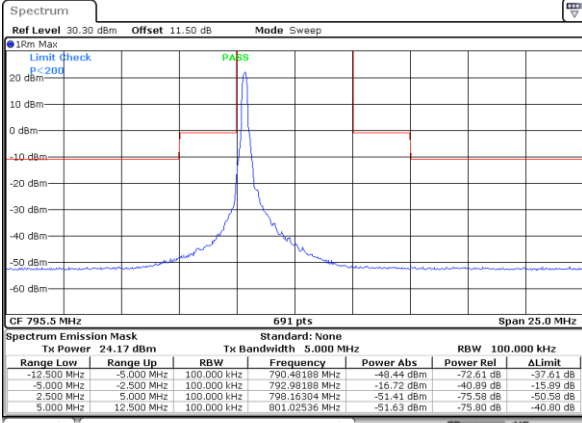


Date: 30.MAY.2024 16:37:53

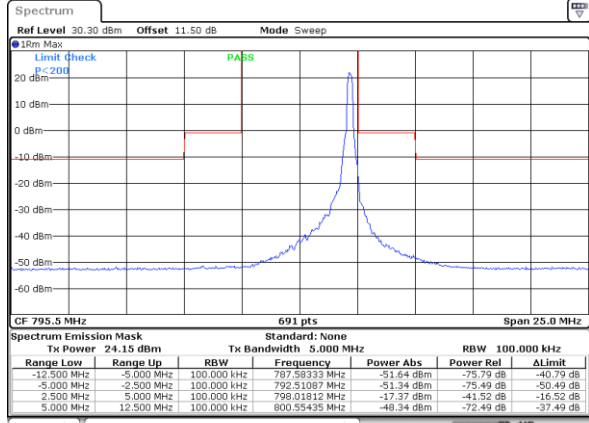


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

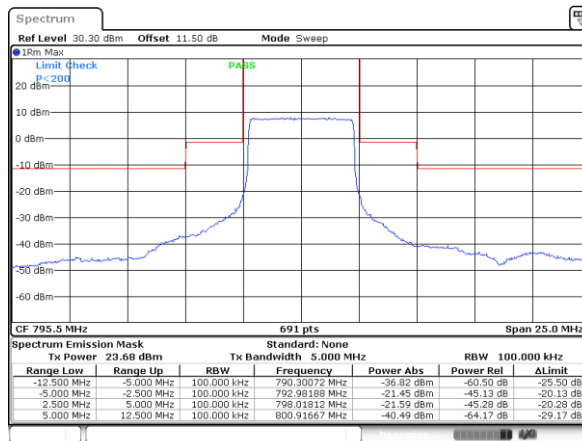


Date: 30.MAY.2024 17:50:11



Date: 30.MAY.2024 17:51:26

Highest Channel / Full RB

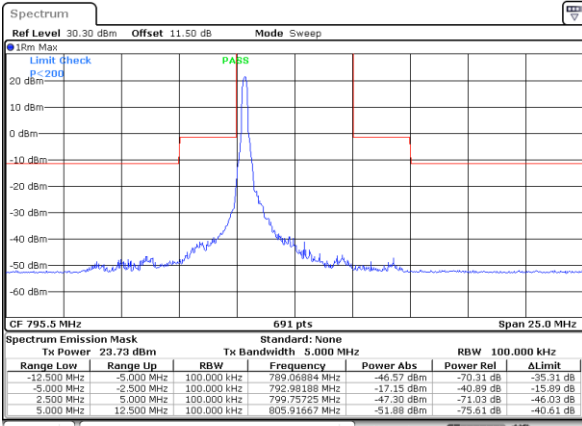


Date: 30.MAY.2024 17:52:42

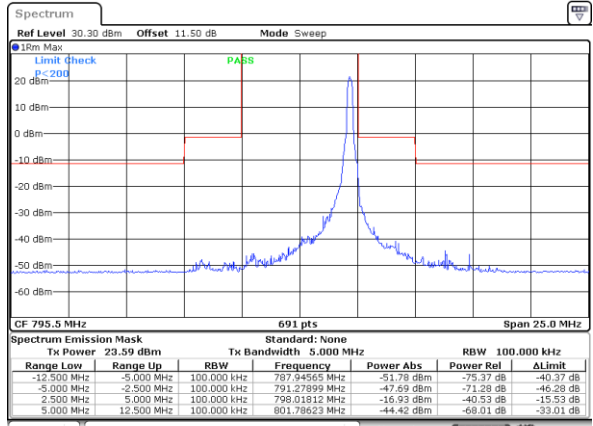


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

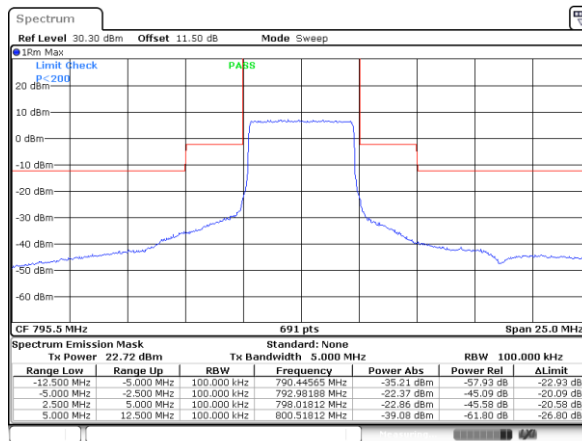


Date: 30.MAY.2024 17:56:36



Date: 30.MAY.2024 17:55:19

Highest Channel / Full RB

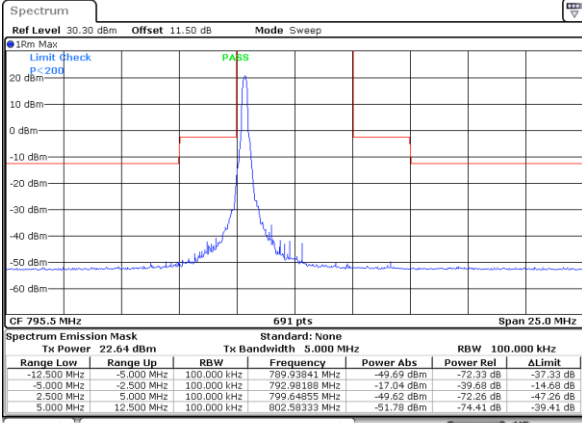


Date: 30.MAY.2024 17:53:58

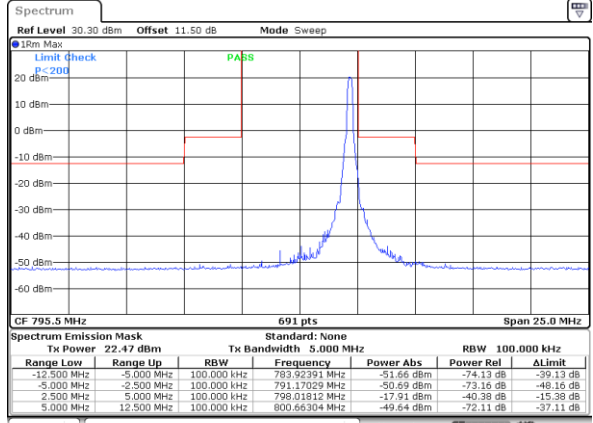


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

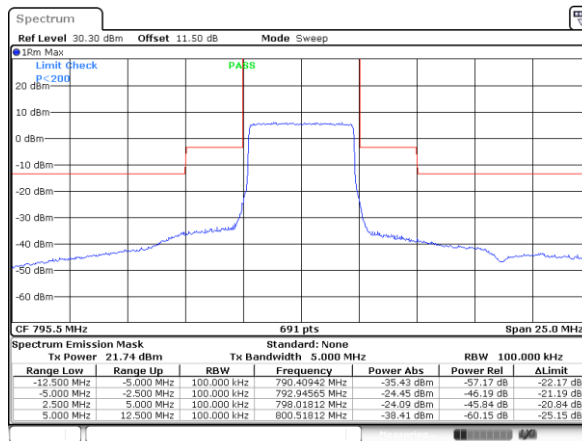


Date: 30.MAY.2024 17:58:02



Date: 30.MAY.2024 17:59:19

Highest Channel / Full RB



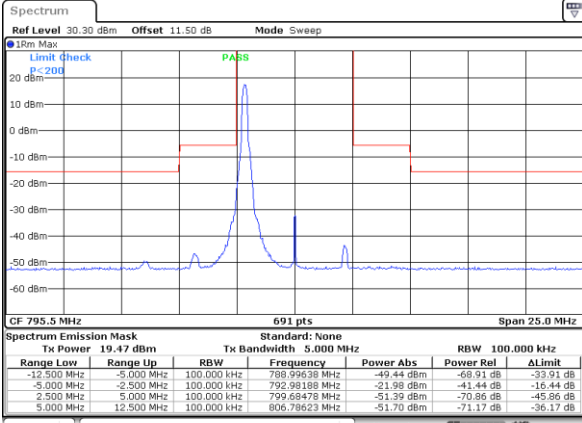
Date: 30.MAY.2024 18:00:36



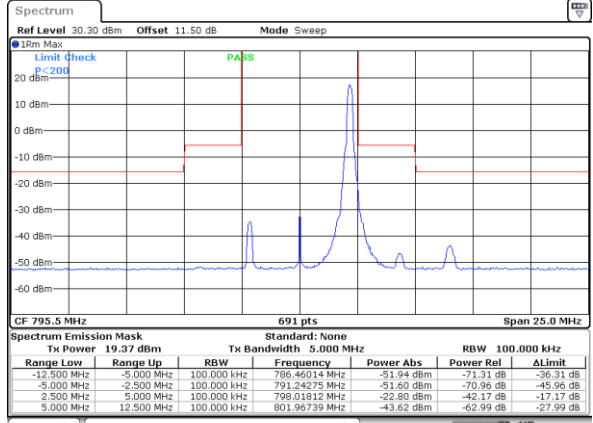


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

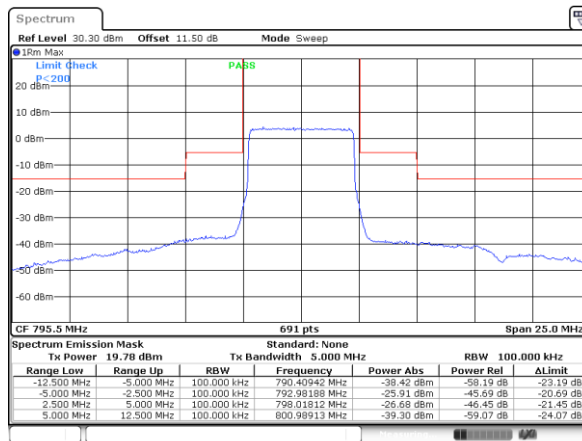


Date: 30.MAY.2024 18:04:39

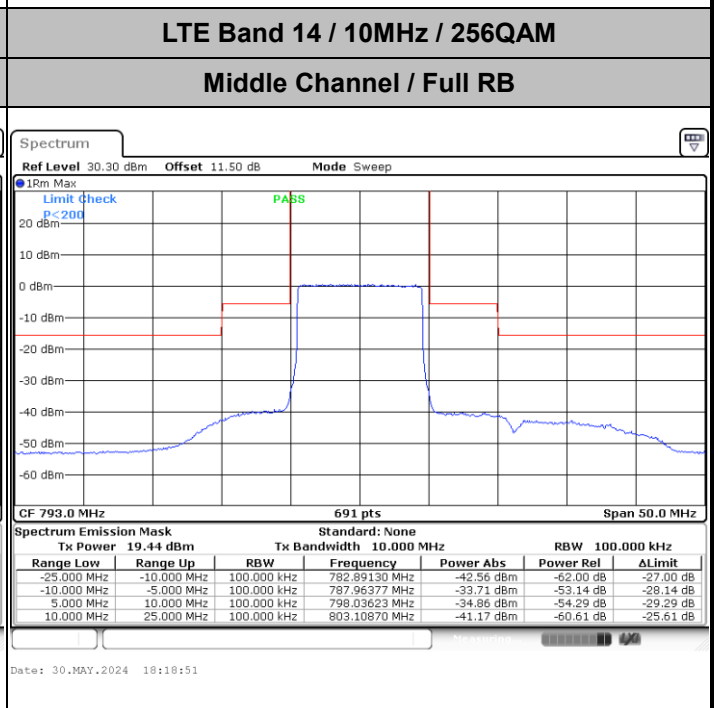
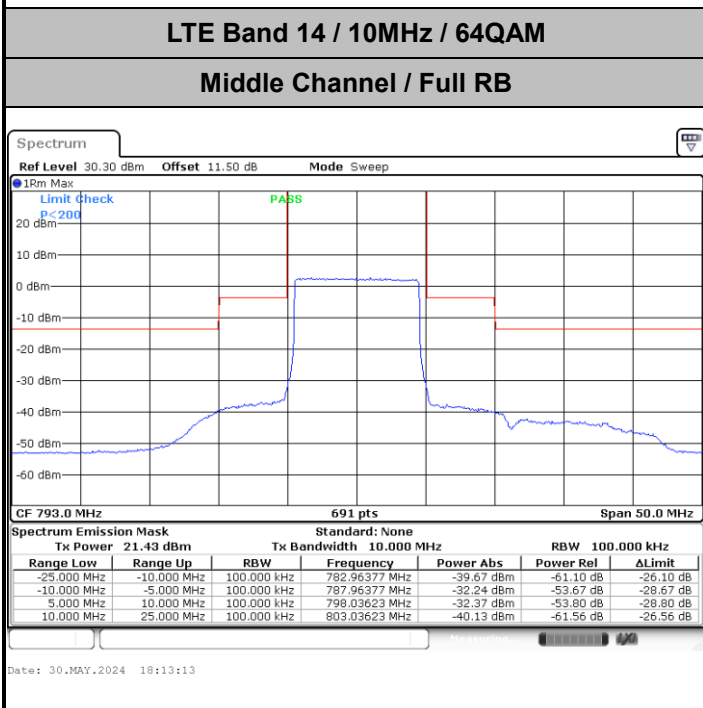
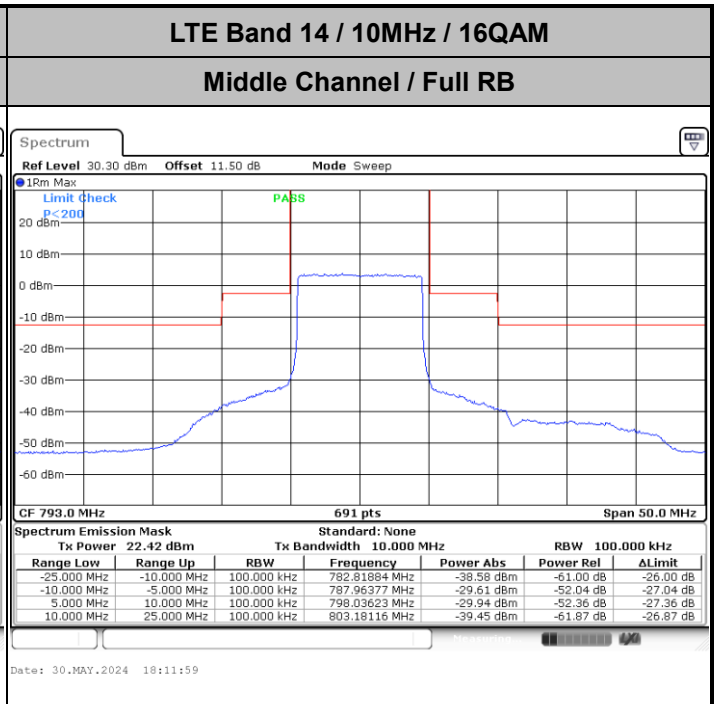
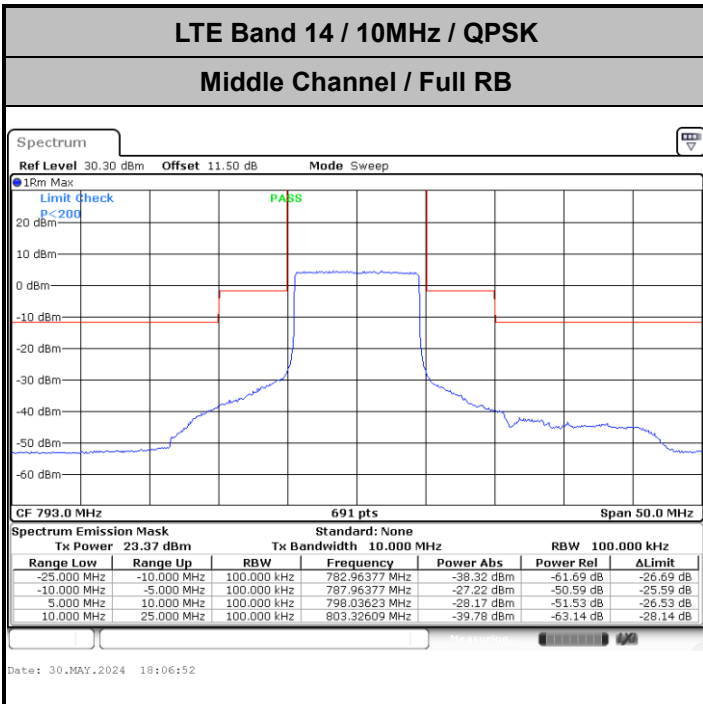


Date: 30.MAY.2024 18:03:17

Highest Channel / Full RB



Date: 30.MAY.2024 18:01:55





### Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0113	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0146	
0	Normal Voltage	0.0145	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0098	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0105	

**Note:**

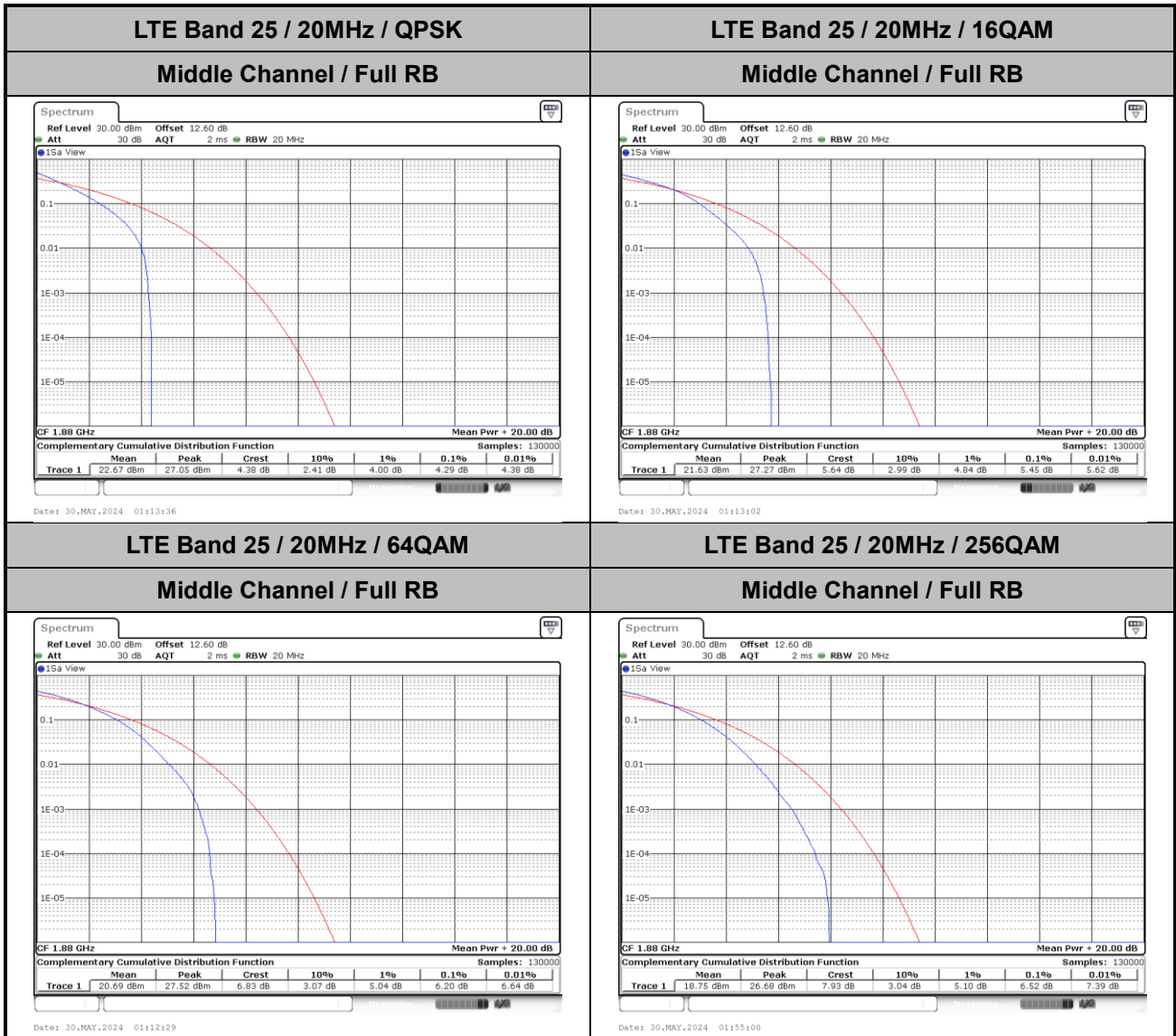
- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# 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	4.29	5.45	6.20	6.52	PASS





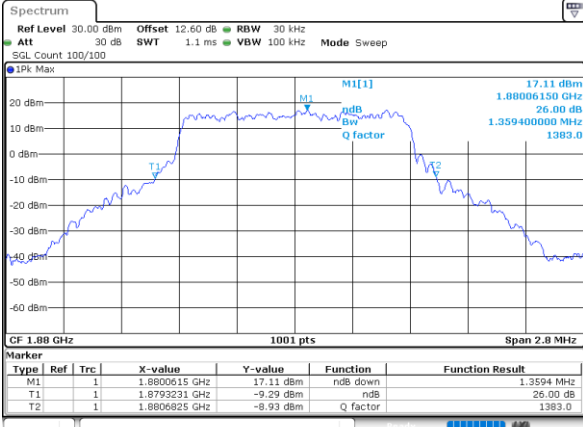
**26dB Bandwidth**

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	1.35	1.34	3.09	3.04	4.99	4.97	9.91	9.84	14.20	14.44	19.26	19.22
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	1.31	1.34	3.05	2.96	5.04	4.99	9.84	9.84	14.53	14.71	18.74	19.06



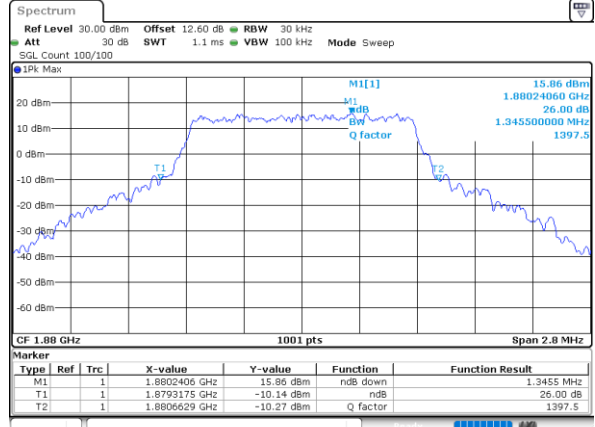
LTE Band 25

Middle Channel / 1.4MHz / QPSK



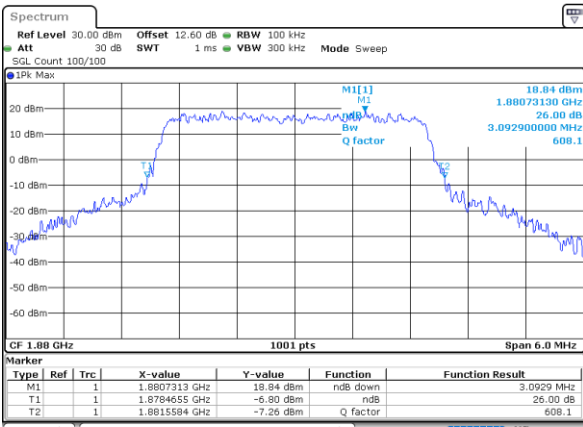
Date: 30.MAY.2024 00:12:35

Middle Channel / 1.4MHz / 16QAM



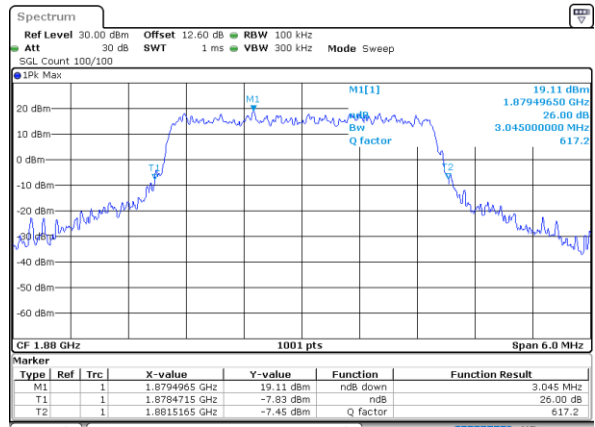
Date: 30.MAY.2024 00:13:07

Middle Channel / 3MHz / QPSK



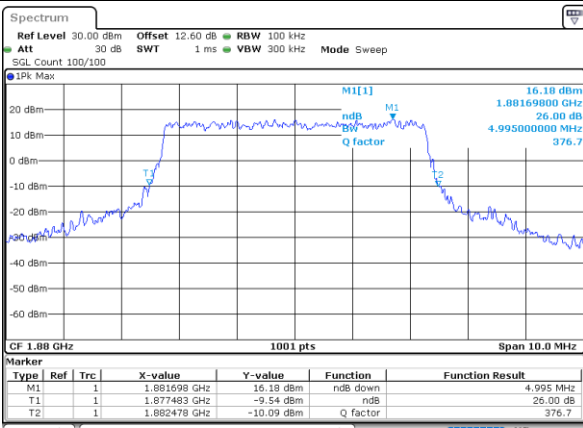
Date: 30.MAY.2024 00:31:51

Middle Channel / 3MHz / 16QAM



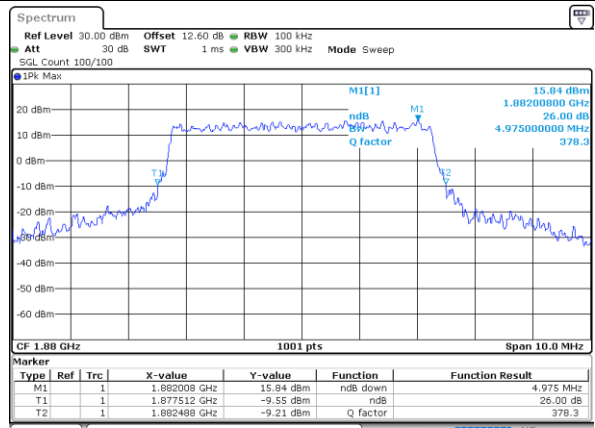
Date: 30.MAY.2024 00:32:24

Middle Channel / 5MHz / QPSK



Date: 30.MAY.2024 00:38:10

Middle Channel / 5MHz / 16QAM

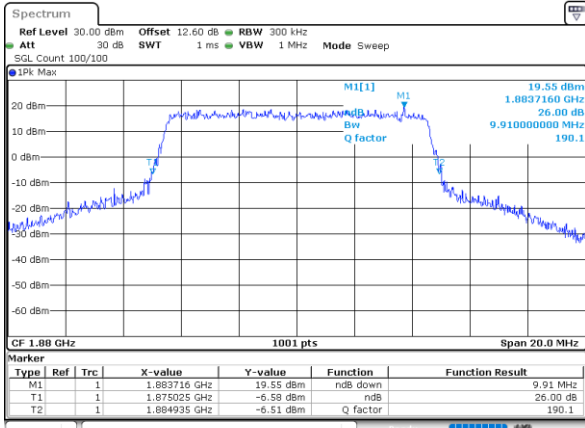


Date: 30.MAY.2024 00:38:41



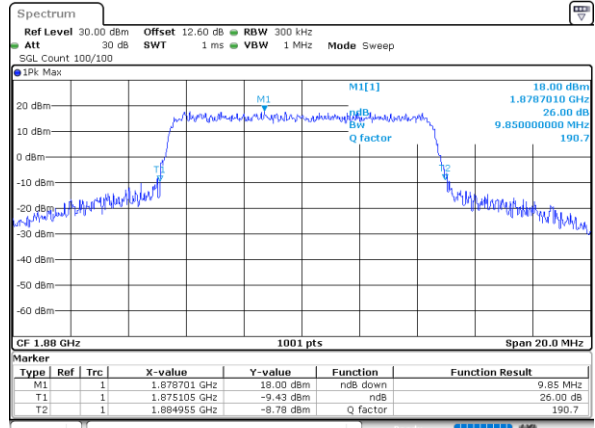
LTE Band 25

Middle Channel / 10MHz / QPSK



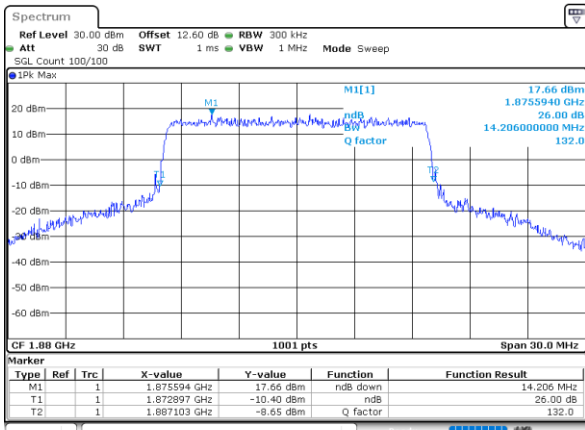
Date: 30\_MAY.2024 00:47:32

Middle Channel / 10MHz / 16QAM



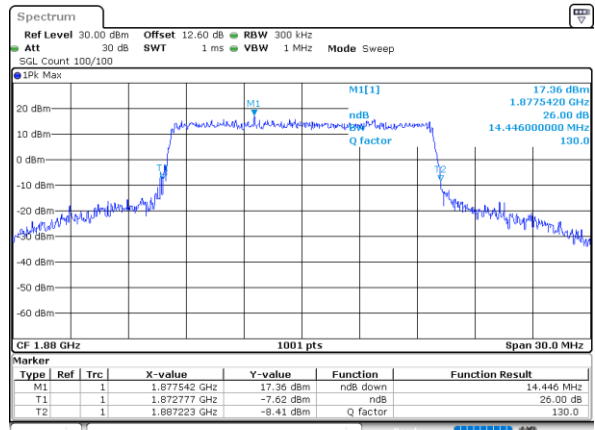
Date: 30\_MAY.2024 00:48:03

Middle Channel / 15MHz / QPSK



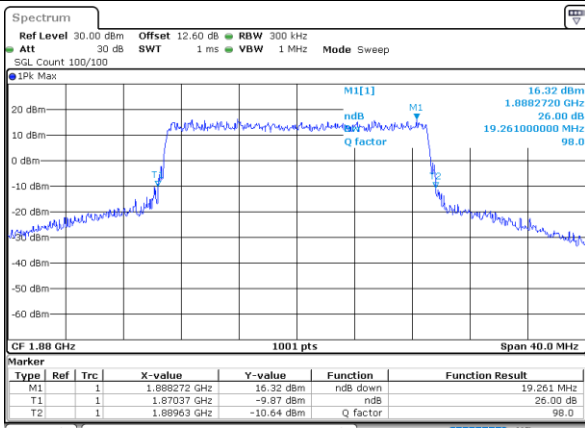
Date: 30\_MAY.2024 00:59:58

Middle Channel / 15MHz / 16QAM



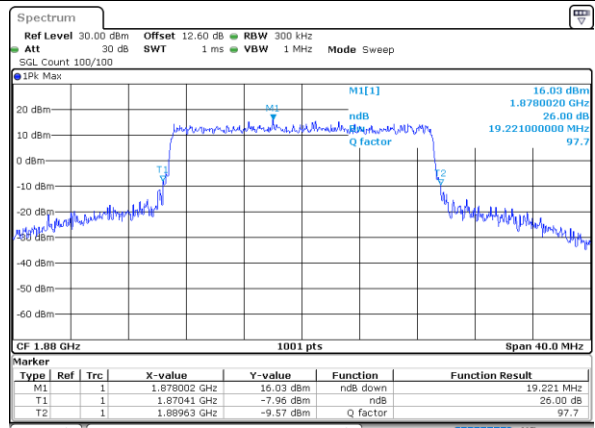
Date: 30\_MAY.2024 01:00:28

Middle Channel / 20MHz / QPSK



Date: 30\_MAY.2024 01:06:11

Middle Channel / 20MHz / 16QAM

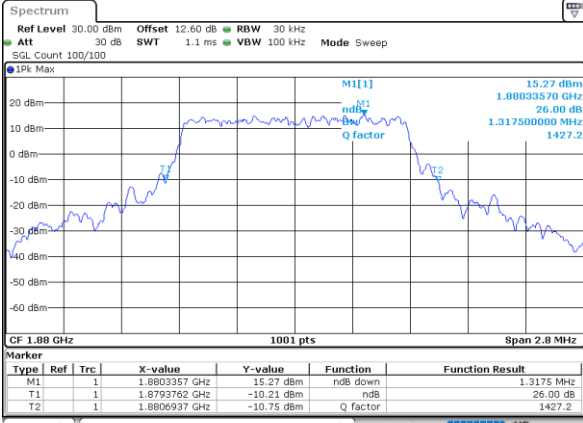


Date: 30\_MAY.2024 01:06:45



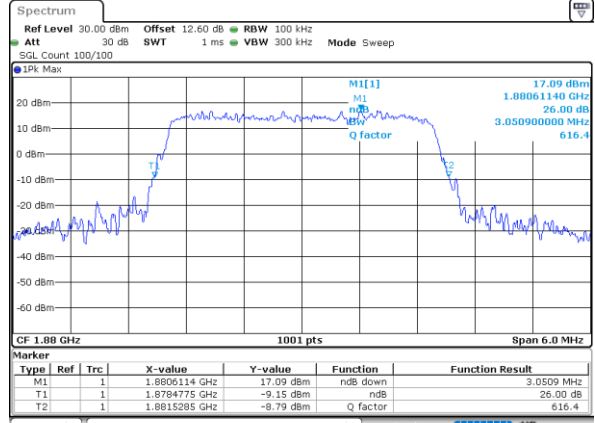
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



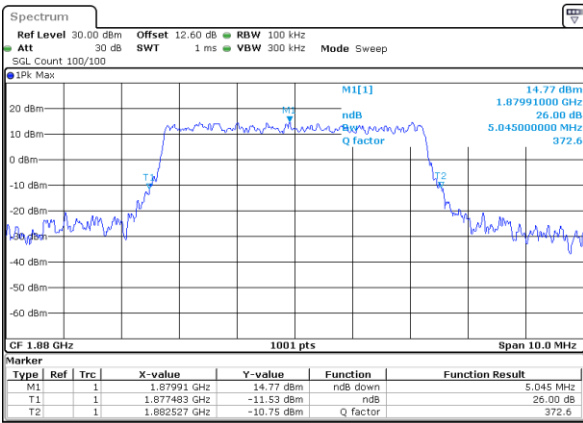
Date: 30.MAY.2024 00:23:03

Middle Channel / 3MHz / 64QAM



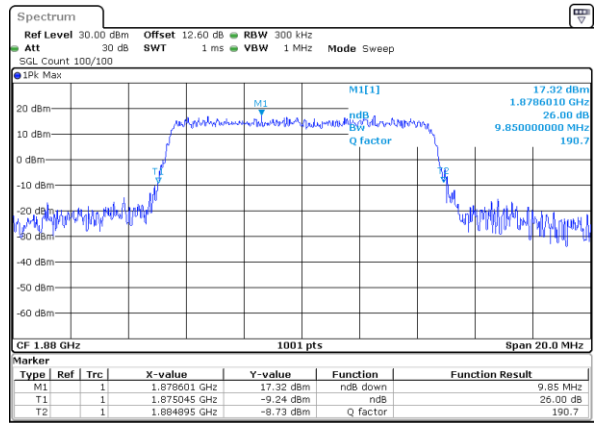
Date: 30.MAY.2024 00:27:10

Middle Channel / 5MHz / 64QAM



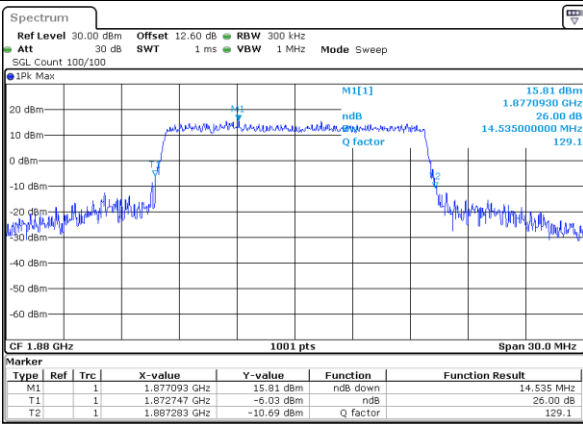
Date: 30.MAY.2024 00:42:46

Middle Channel / 10MHz / 64QAM



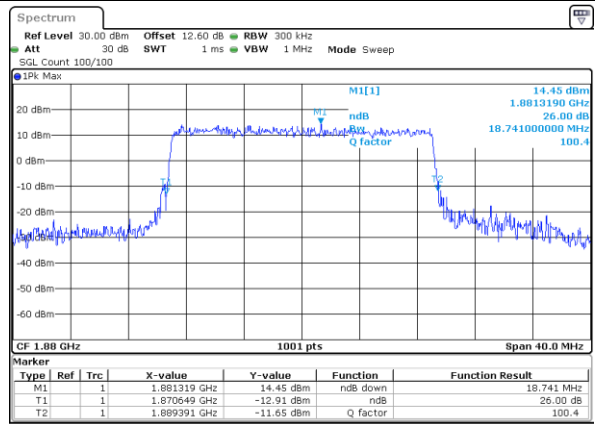
Date: 30.MAY.2024 00:52:10

Middle Channel / 15MHz / 64QAM



Date: 30.MAY.2024 00:55:17

Middle Channel / 20MHz / 64QAM



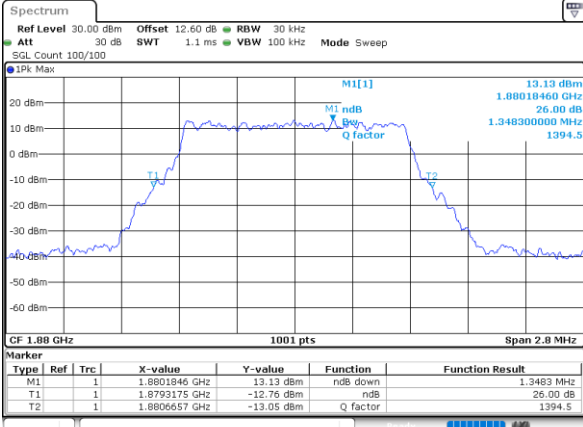
Date: 30.MAY.2024 01:10:53





LTE Band 25

Middle Channel / 1.4MHz / 256QAM



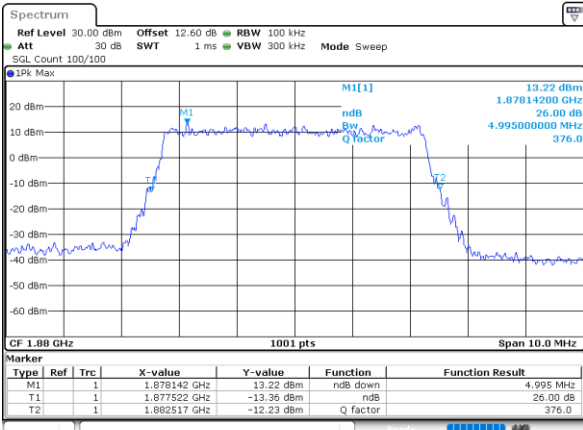
Date: 30.MAY.2024 01:16:51

Middle Channel / 3MHz / 256QAM



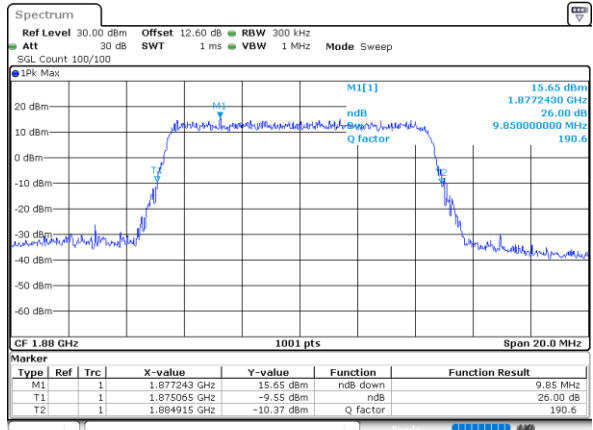
Date: 30.MAY.2024 01:23:01

Middle Channel / 5MHz / 256QAM



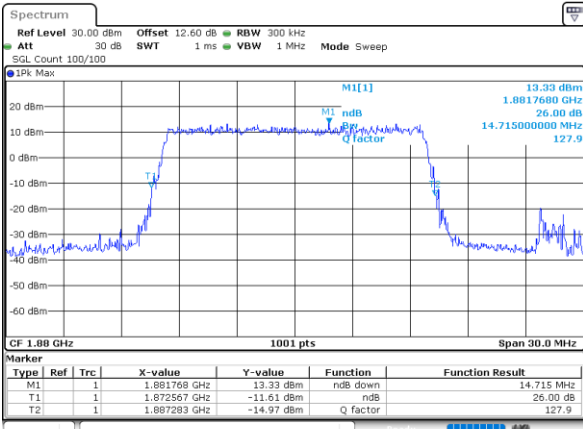
Date: 30.MAY.2024 01:28:48

Middle Channel / 10MHz / 256QAM



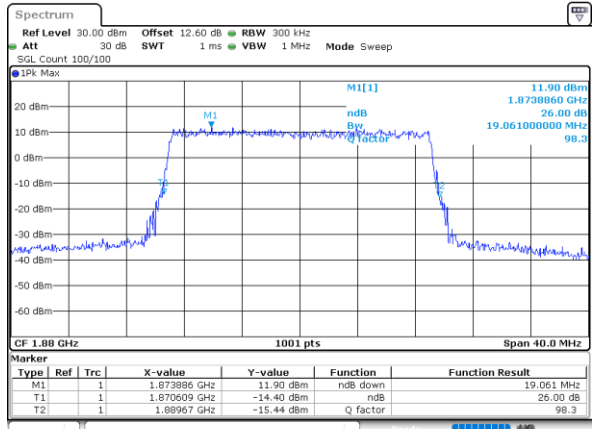
Date: 30.MAY.2024 01:32:43

Middle Channel / 15MHz / 256QAM



Date: 30.MAY.2024 01:36:26

Middle Channel / 20MHz / 256QAM



Date: 30.MAY.2024 01:53:17



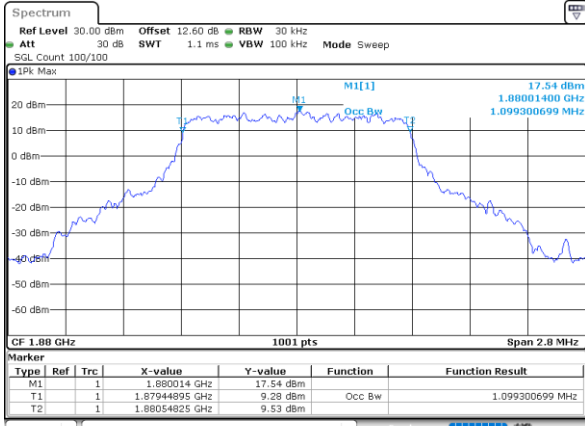
**Occupied Bandwidth**

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	4.50	9.07	9.09	13.45	13.51	17.94	17.90
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	2.70	2.73	4.49	4.50	9.07	9.03	13.48	13.48	17.90	17.90

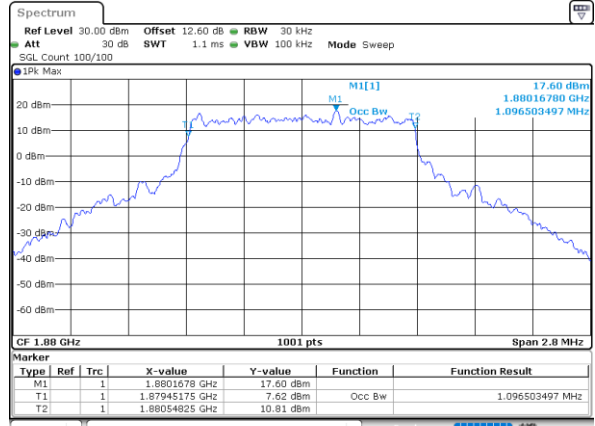


LTE Band 25

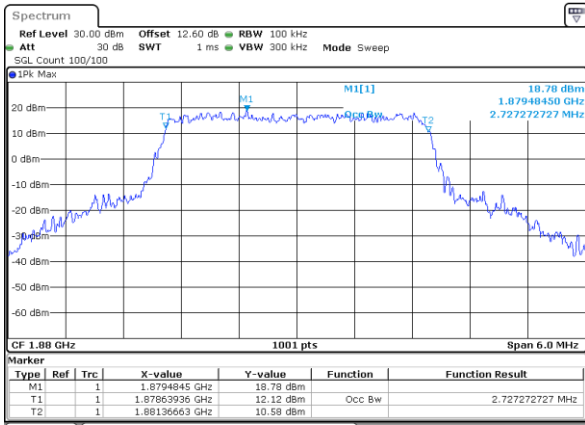
Middle Channel / 1.4MHz / QPSK



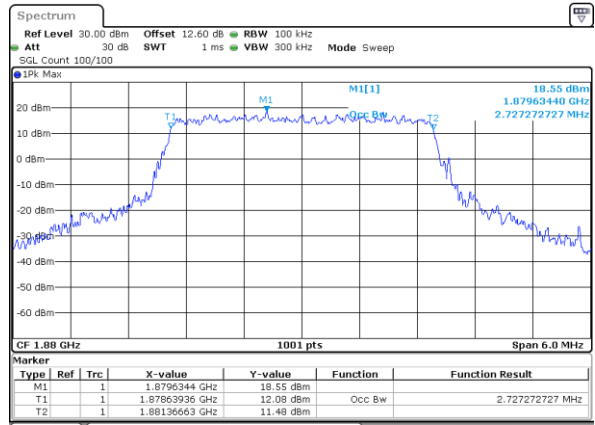
Middle Channel / 1.4MHz / 16QAM



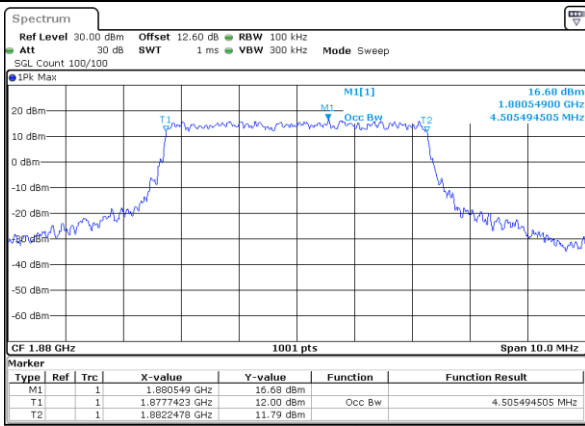
Middle Channel / 3MHz / QPSK



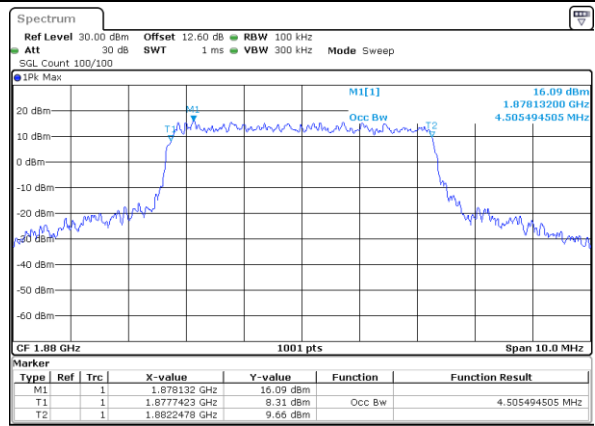
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



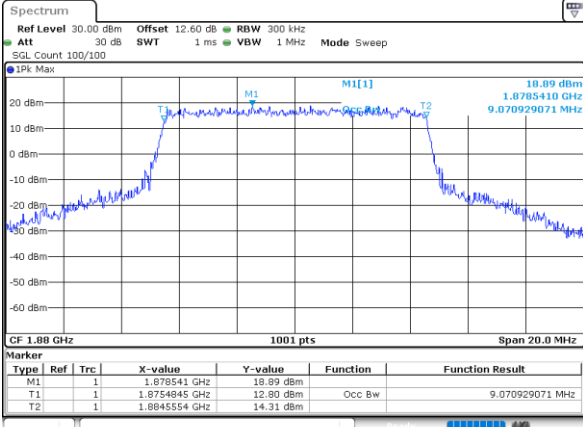
Middle Channel / 5MHz / 16QAM





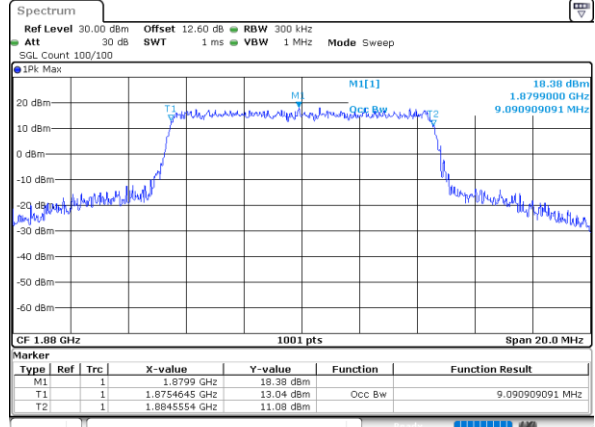
LTE Band 25

Middle Channel / 10MHz / QPSK



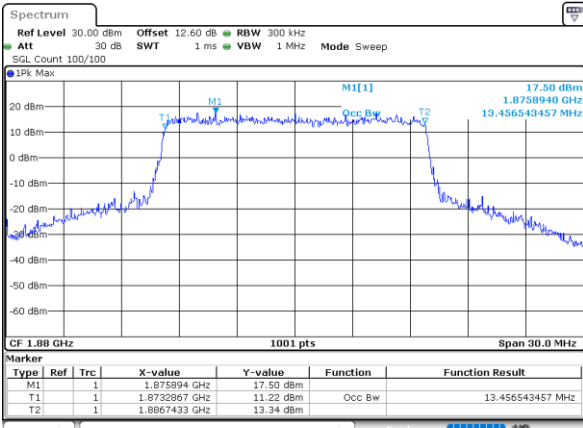
Date: 30\_MAY.2024 00:46:23

Middle Channel / 10MHz / 16QAM



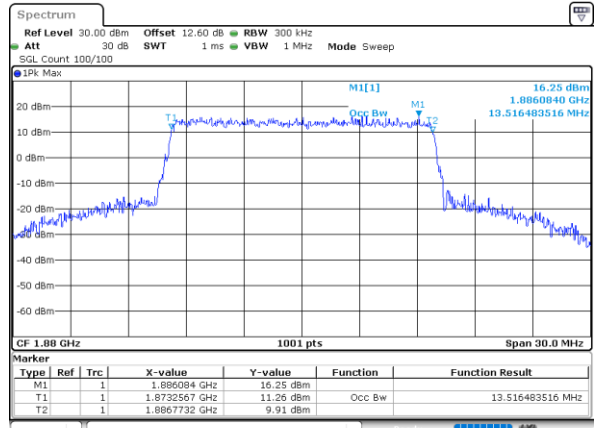
Date: 30\_MAY.2024 00:46:19

Middle Channel / 15MHz / QPSK



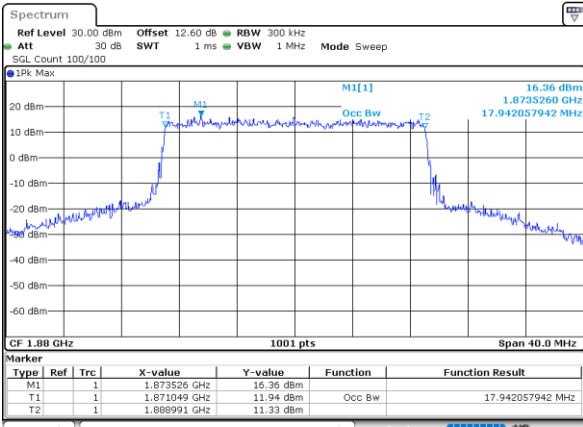
Date: 30\_MAY.2024 00:58:54

Middle Channel / 15MHz / 16QAM



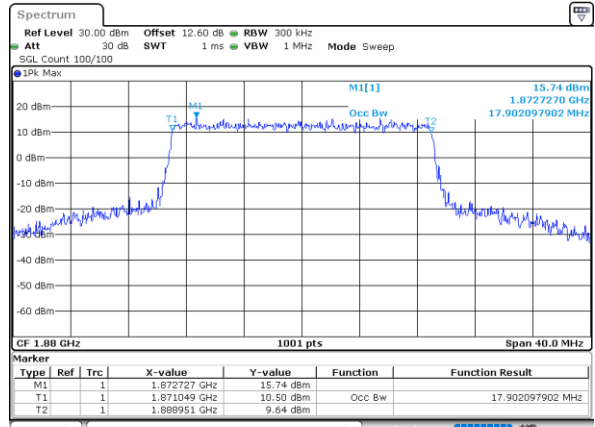
Date: 30\_MAY.2024 00:59:26

Middle Channel / 20MHz / QPSK



Date: 30\_MAY.2024 01:05:04

Middle Channel / 20MHz / 16QAM

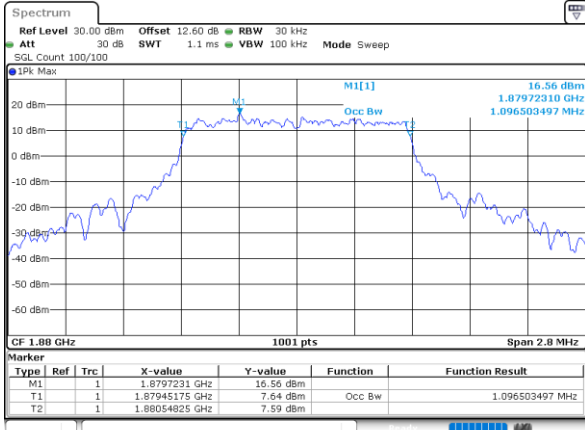


Date: 30\_MAY.2024 01:05:39



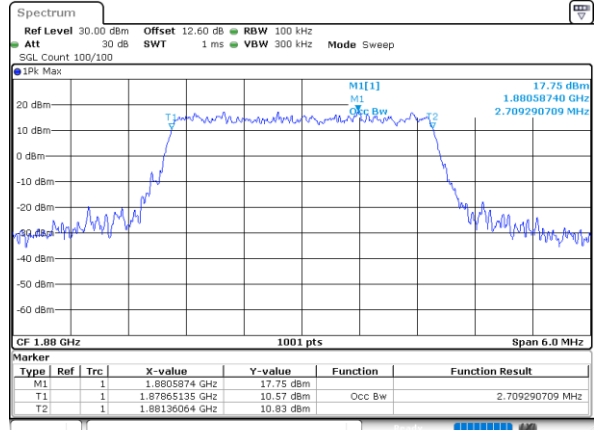
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



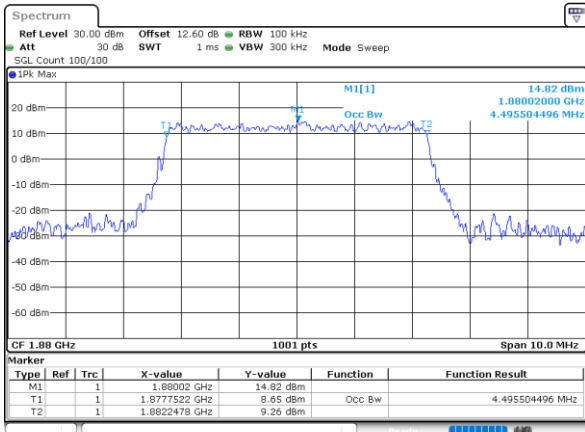
Date: 30.MAY.2024 00:22:28

Middle Channel / 3MHz / 64QAM



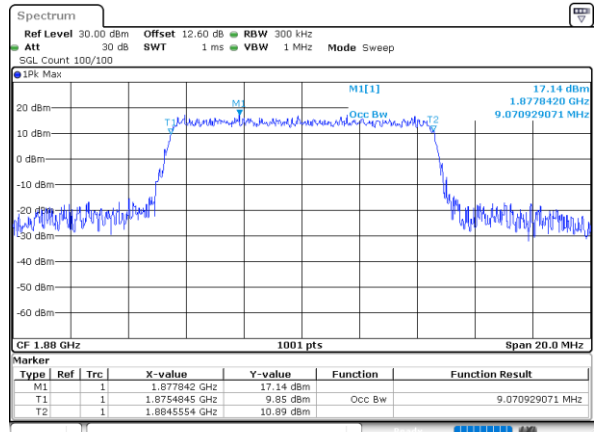
Date: 30.MAY.2024 00:26:39

Middle Channel / 5MHz / 64QAM



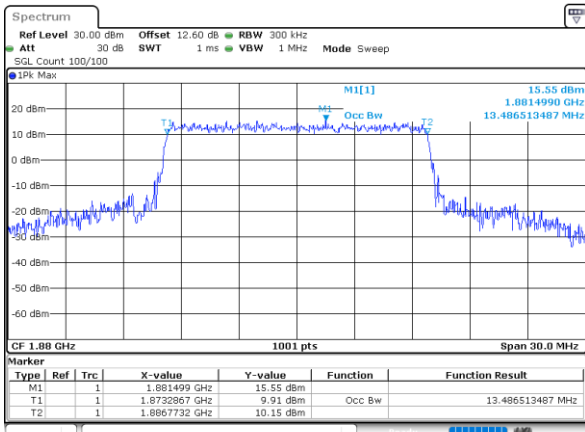
Date: 30.MAY.2024 00:42:14

Middle Channel / 10MHz / 64QAM



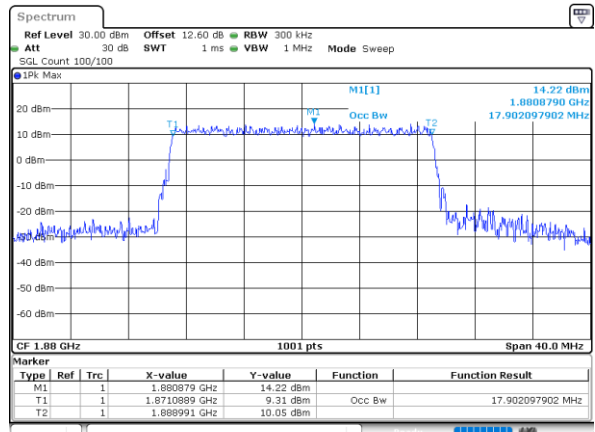
Date: 30.MAY.2024 00:51:39

Middle Channel / 15MHz / 64QAM



Date: 30.MAY.2024 00:54:45

Middle Channel / 20MHz / 64QAM

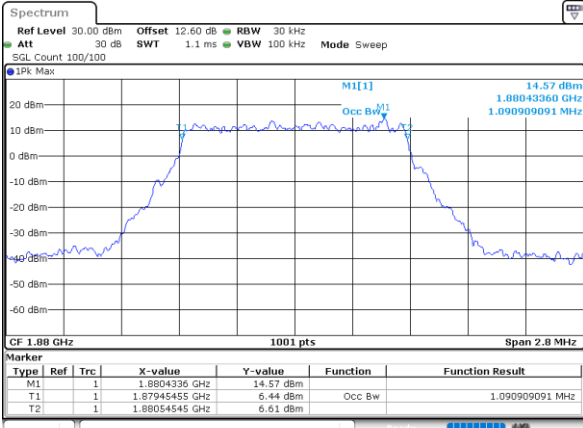


Date: 30.MAY.2024 01:10:21

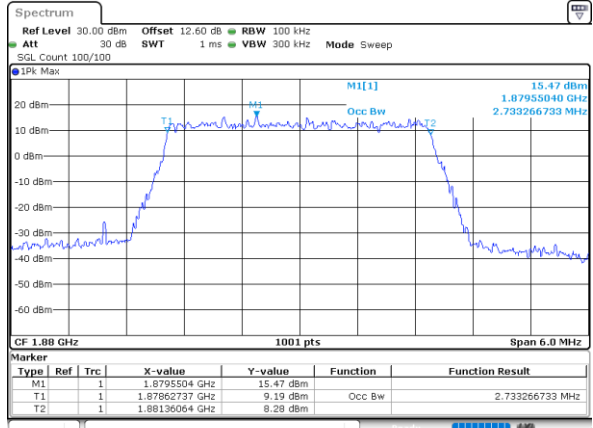


LTE Band 25

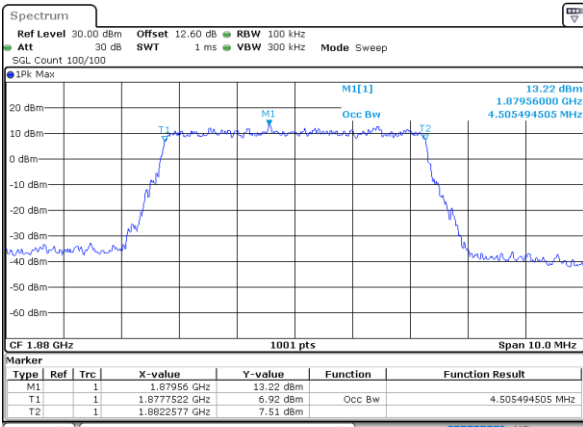
Middle Channel / 1.4MHz / 256QAM



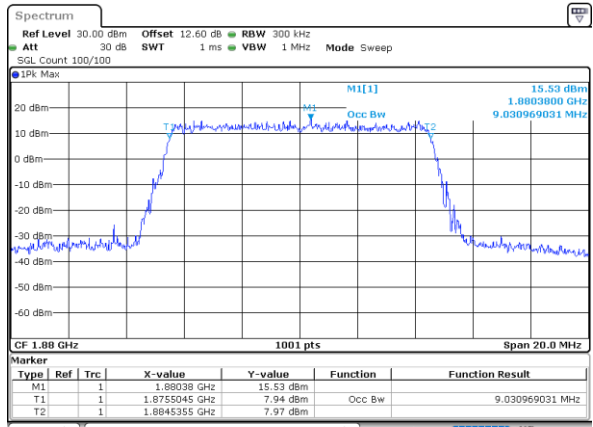
Middle Channel / 3MHz / 256QAM



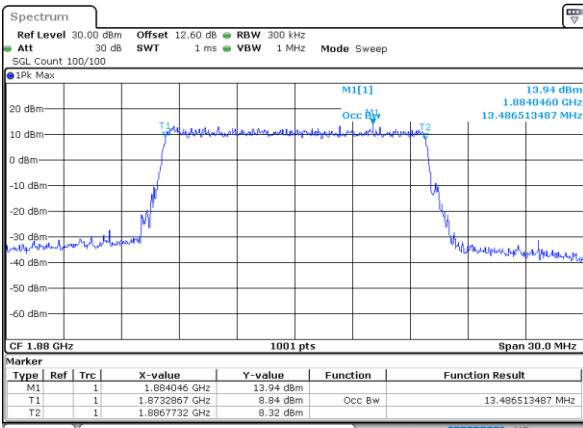
Middle Channel / 5MHz / 256QAM



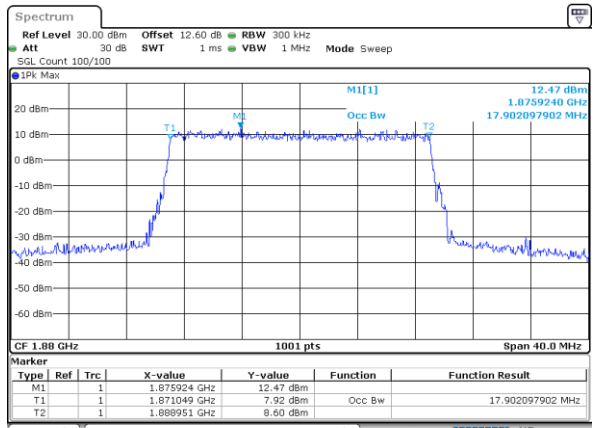
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

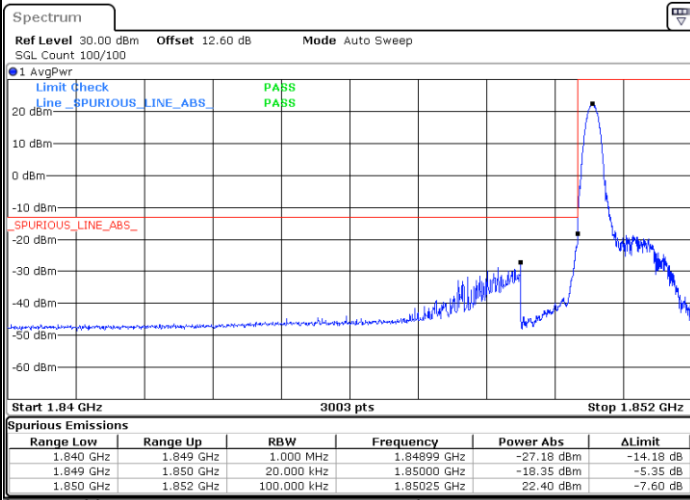




# Conducted Band Edge

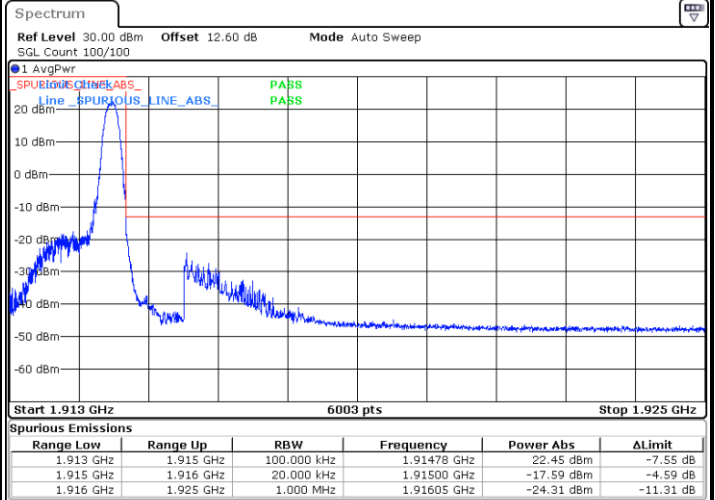
## LTE Band 25 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



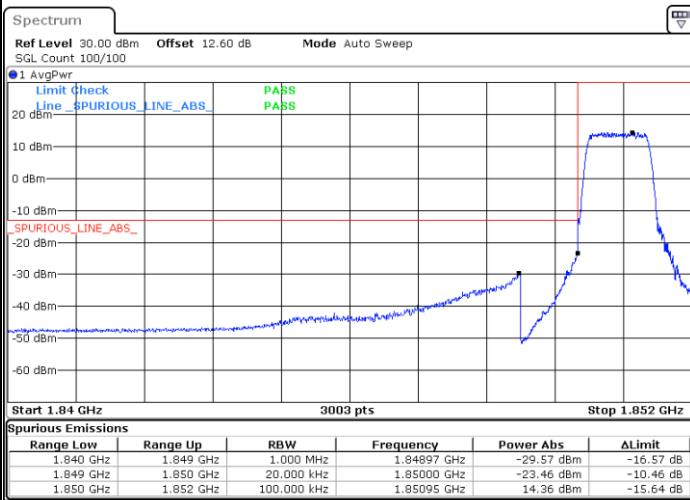
Date: 30.MAY.2024 00:06:33

### Highest Band Edge / 1RB



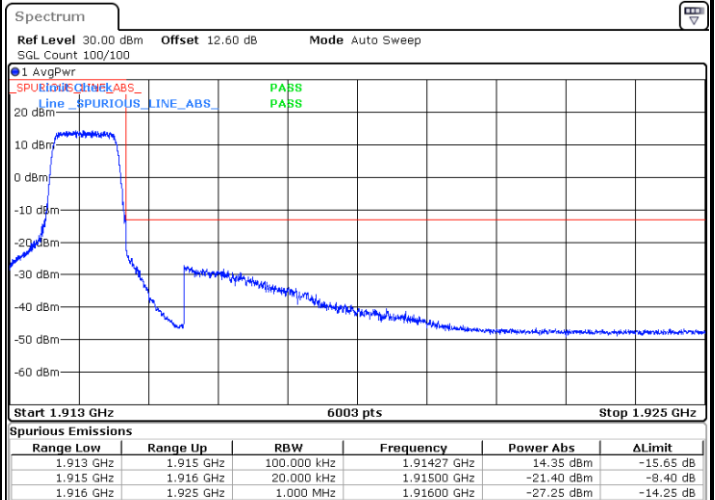
Date: 30.MAY.2024 00:18:30

### Lowest Band Edge / Full RB



Date: 30.MAY.2024 00:08:34

### Highest Band Edge / Full RB



Date: 30.MAY.2024 00:15:27