



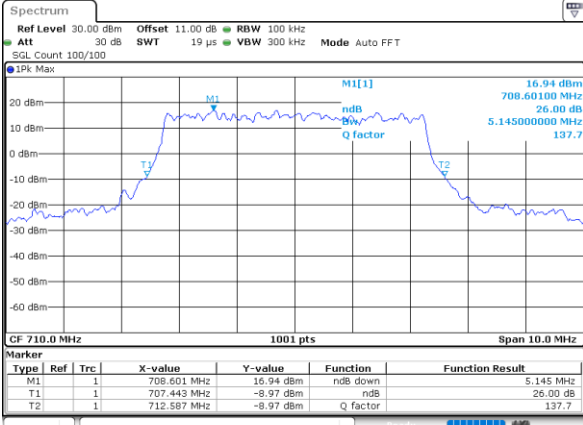
**26dB Bandwidth**

Mode	LTE Band 17 : 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	-	-	-	-	5.15	4.97	10.01	10.57	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	5.07	5.19	9.95	10.11	-	-	-	-



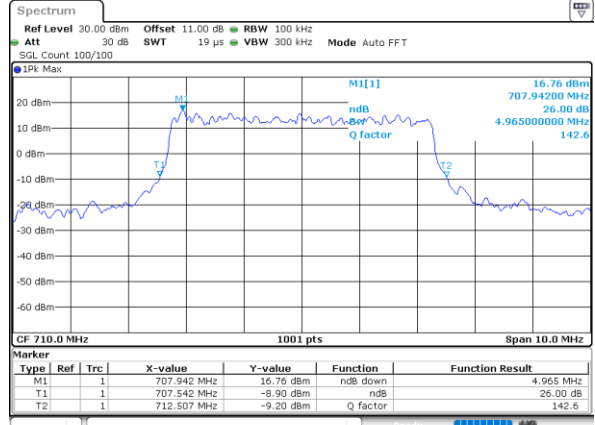
LTE Band 17

Middle Channel / 5MHz / QPSK



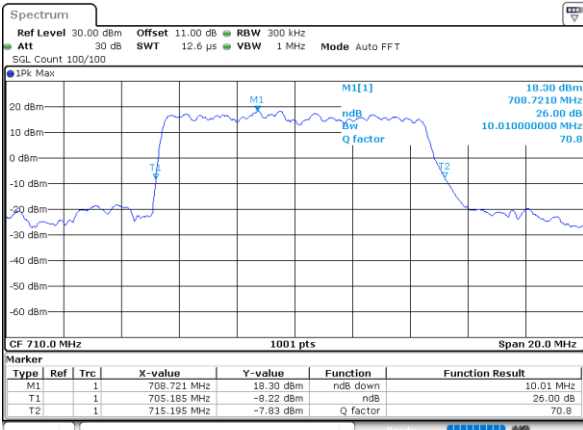
Date: 20.FEB.2023 18:20:32

Middle Channel / 5MHz / 16QAM



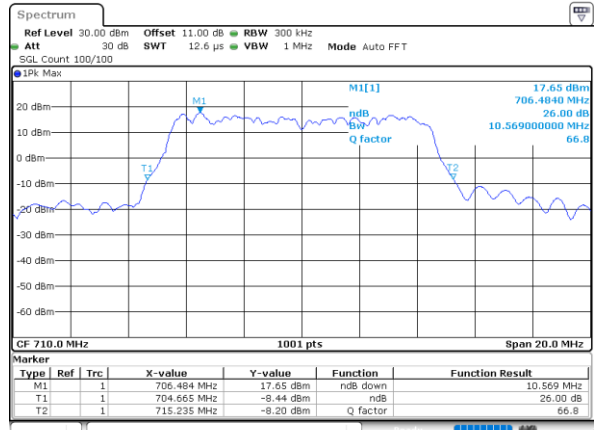
Date: 20.FEB.2023 18:21:01

Middle Channel / 10MHz / QPSK



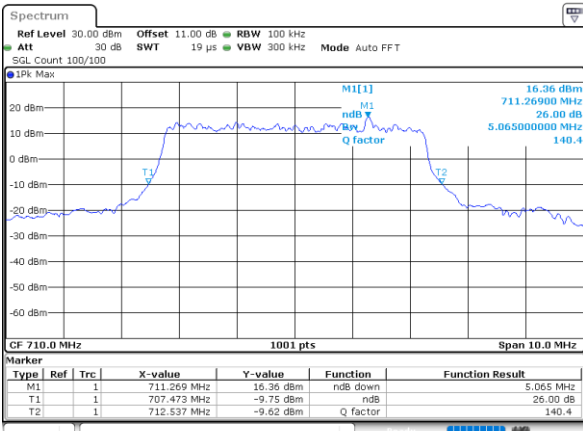
Date: 20.FEB.2023 18:33:00

Middle Channel / 10MHz / 16QAM



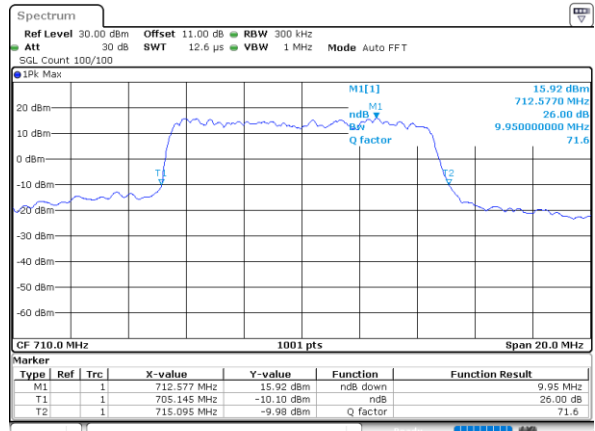
Date: 20.FEB.2023 18:33:29

Middle Channel / 5MHz / 64QAM



Date: 20.FEB.2023 18:38:16

Middle Channel / 10MHz / 64QAM



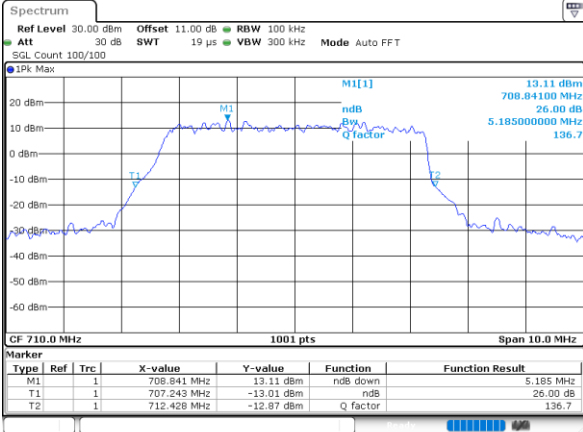
Date: 20.FEB.2023 18:42:02



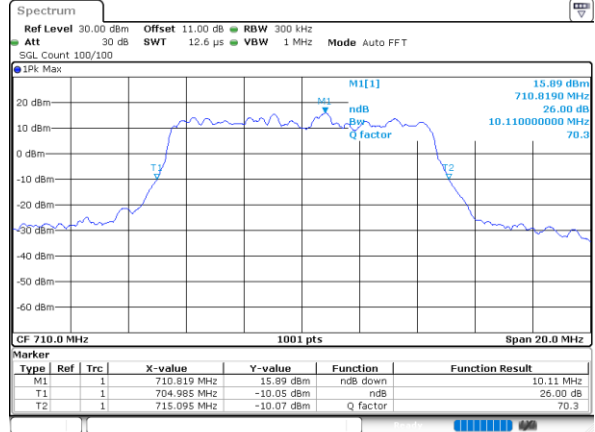
LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 20.FEB.2023 18:47:22



Date: 20.FEB.2023 18:51:08



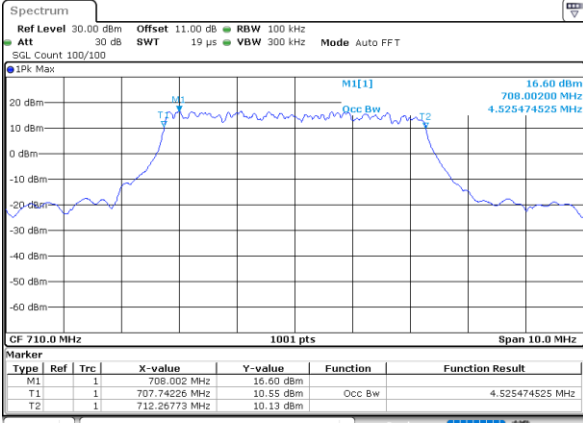
**Occupied Bandwidth**

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.53	4.53	8.99	9.03	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.49	4.49	9.05	9.05	-	-	-	-



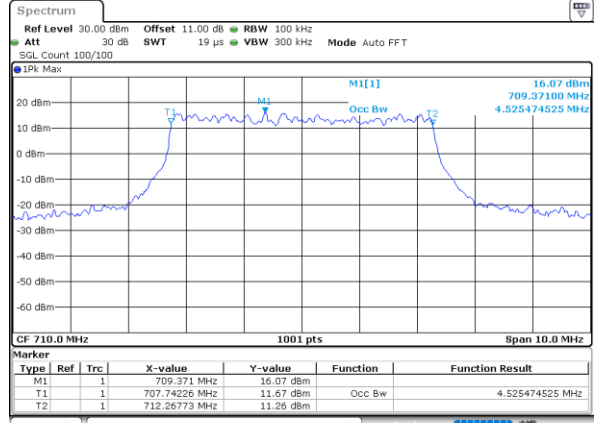
LTE Band 17

Middle Channel / 5MHz / QPSK



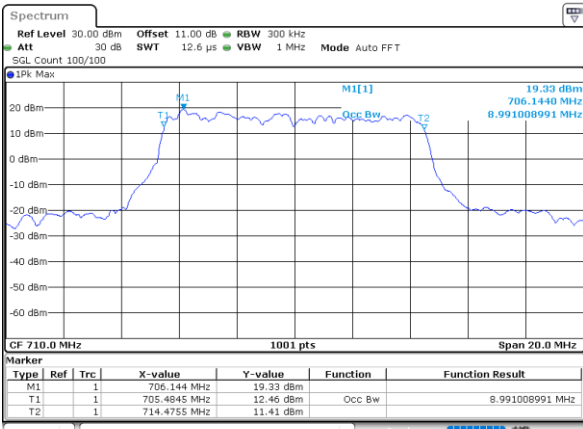
Date: 20.FEB.2023 18:19:34

Middle Channel / 5MHz / 16QAM



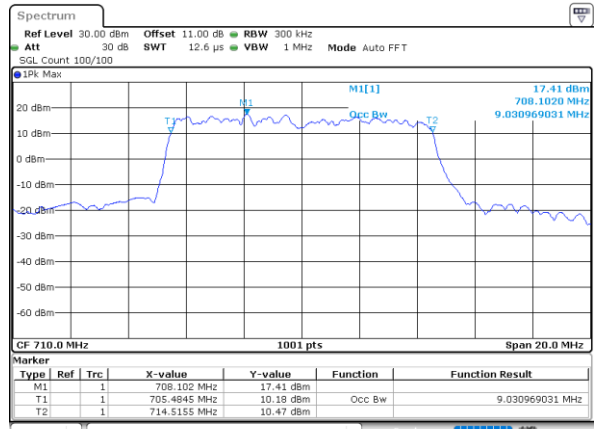
Date: 20.FEB.2023 18:20:03

Middle Channel / 10MHz / QPSK



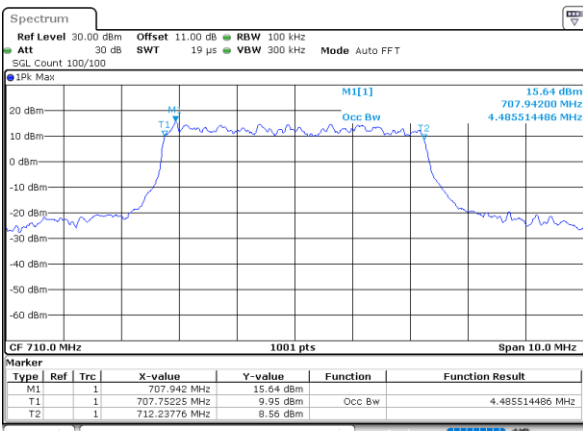
Date: 20.FEB.2023 18:32:03

Middle Channel / 10MHz / 16QAM



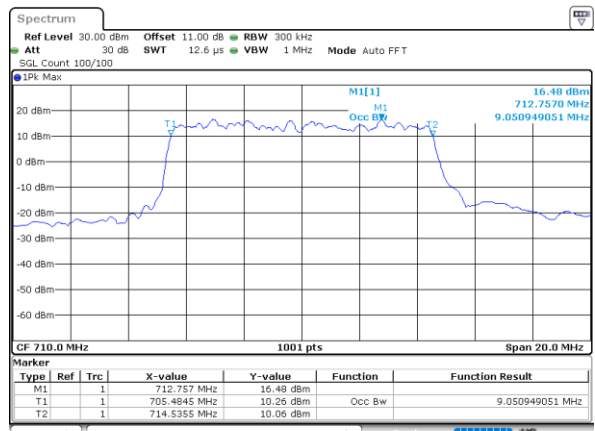
Date: 20.FEB.2023 18:32:32

Middle Channel / 5MHz / 64QAM



Date: 20.FEB.2023 18:38:02

Middle Channel / 10MHz / 64QAM



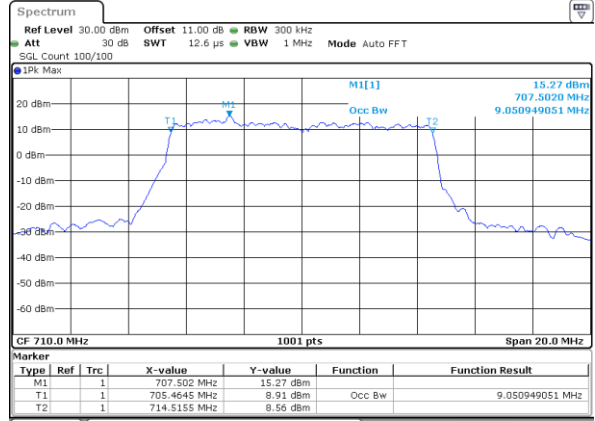
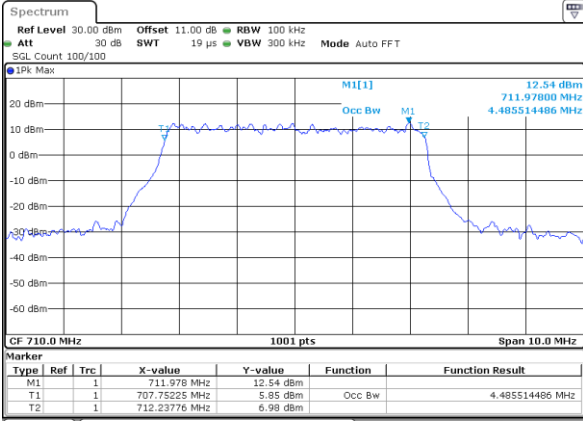
Date: 20.FEB.2023 18:41:48



LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM

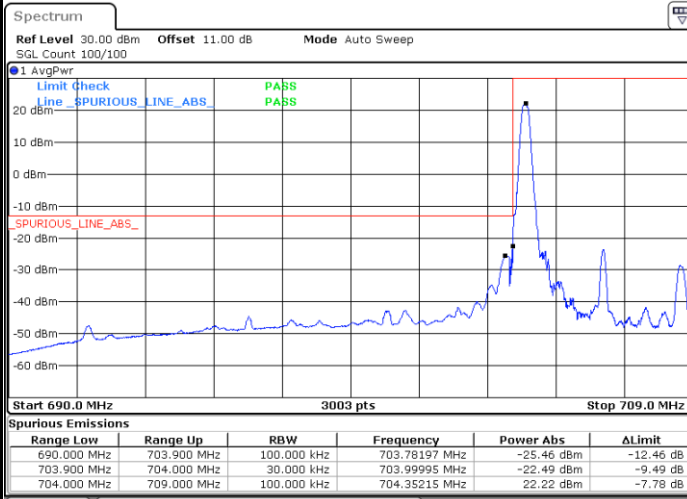




# Conducted Band Edge

## LTE Band 17 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



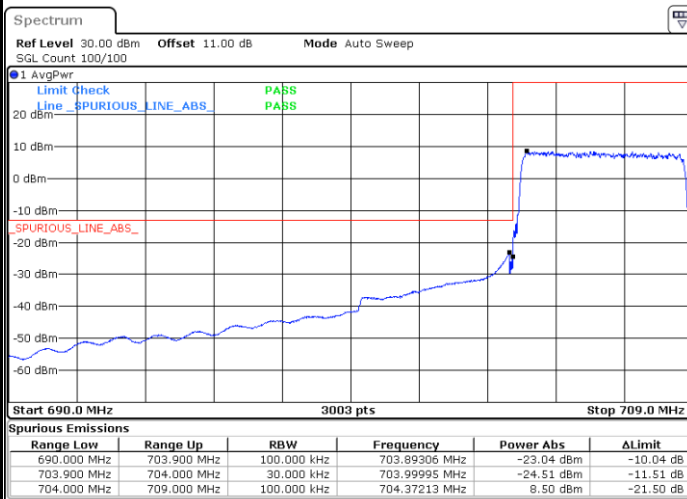
Date: 20.FEB.2023 18:14:43

### Highest Band Edge / 1 RB



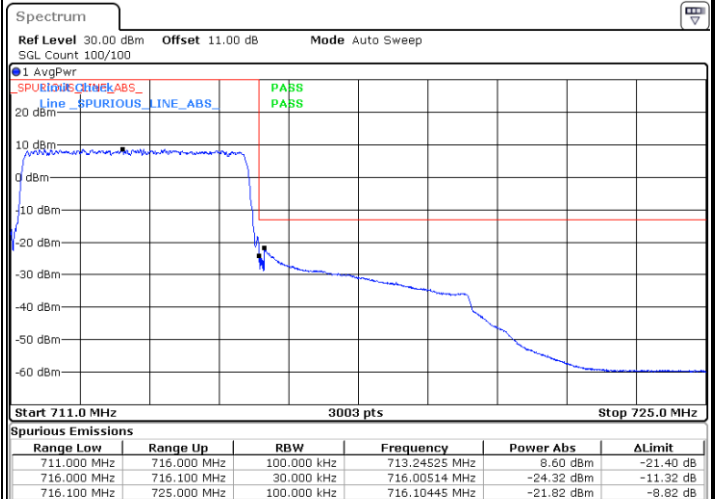
Date: 20.FEB.2023 18:23:17

### Lowest Band Edge / Full RB



Date: 20.FEB.2023 18:16:45

### Highest Band Edge / Full RB



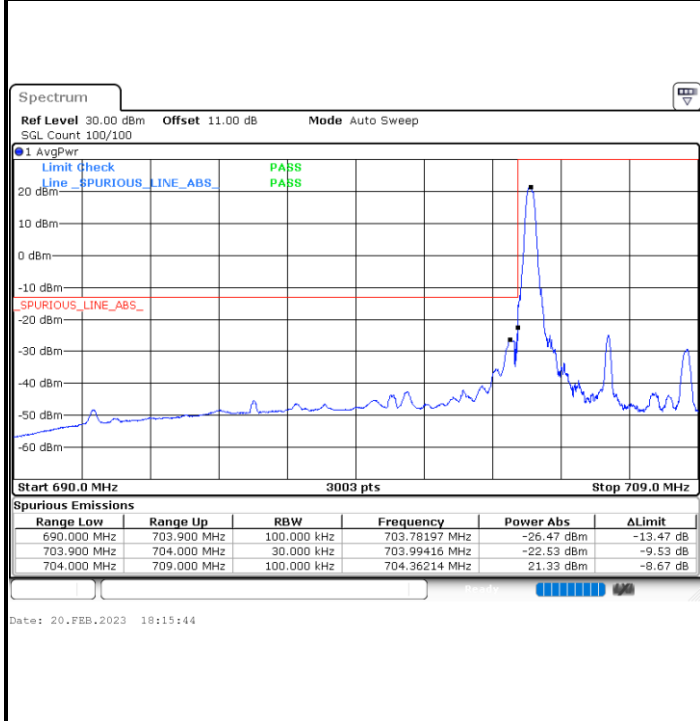
Date: 20.FEB.2023 18:25:15



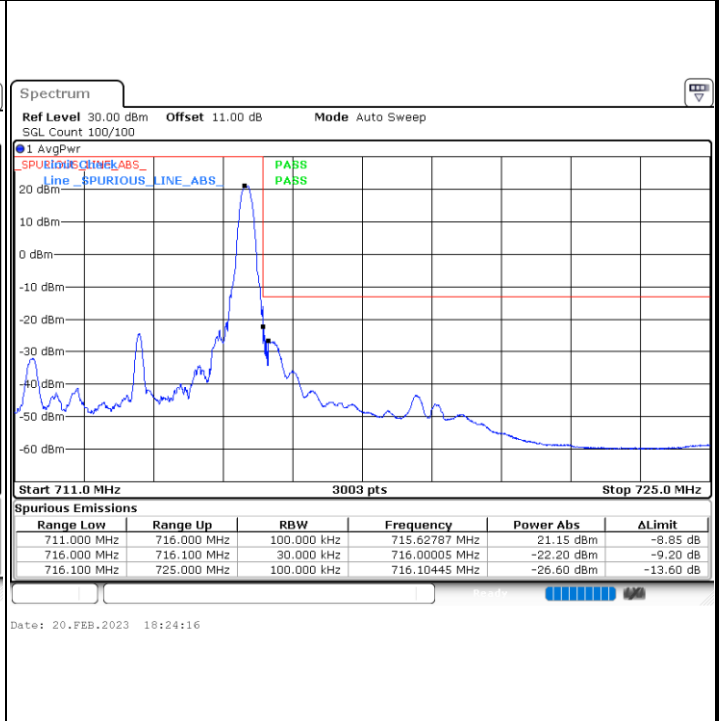


**LTE Band 17 / 5MHz / 16QAM**

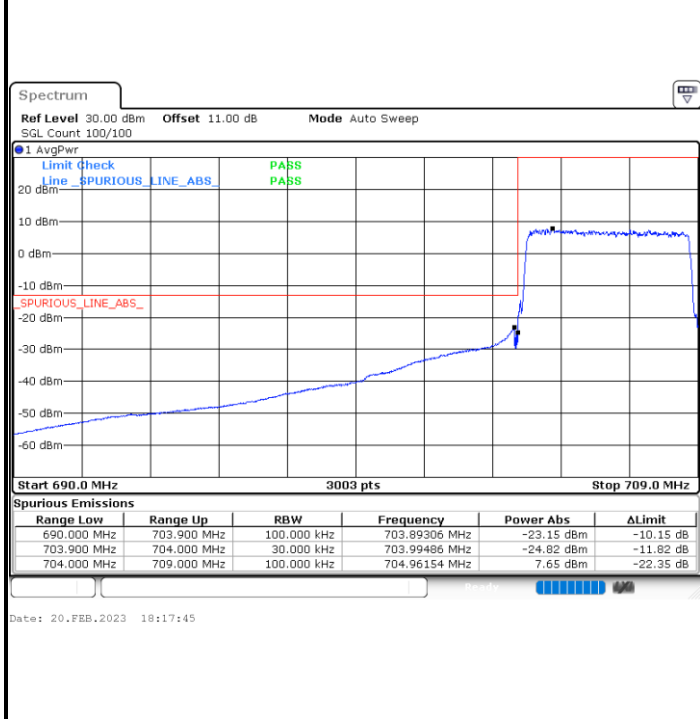
**Lowest Band Edge / 1 RB**



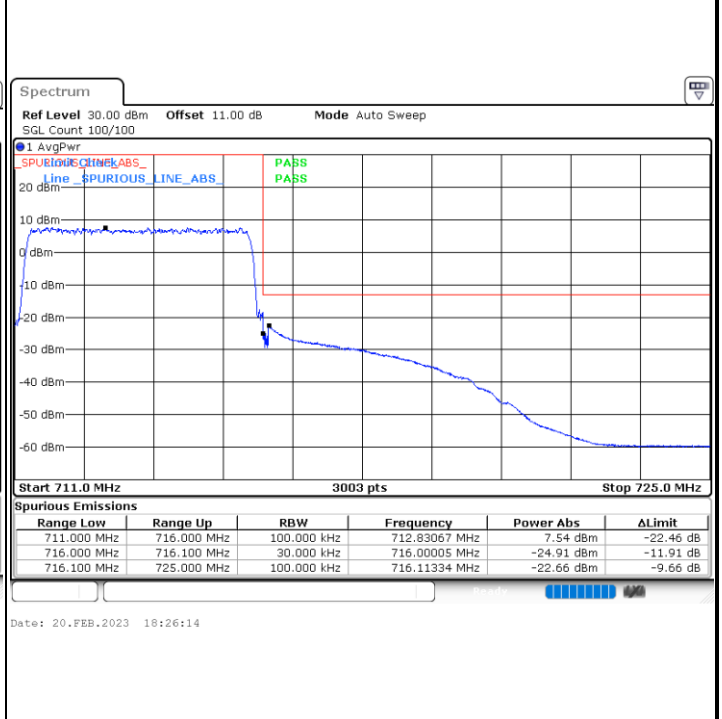
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



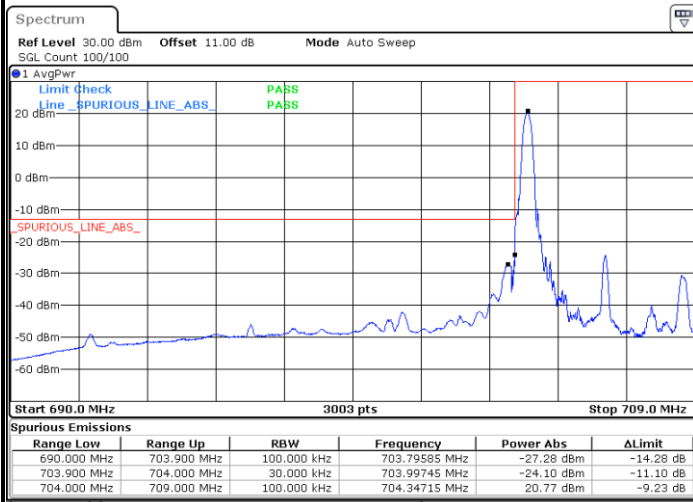
**Highest Band Edge / Full RB**





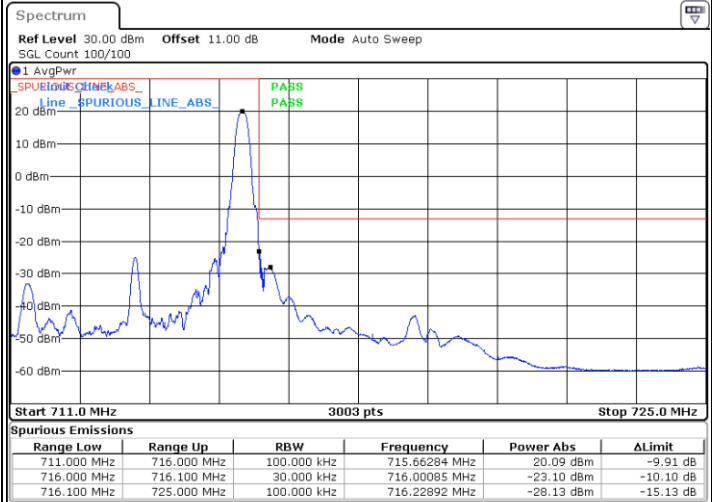
LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



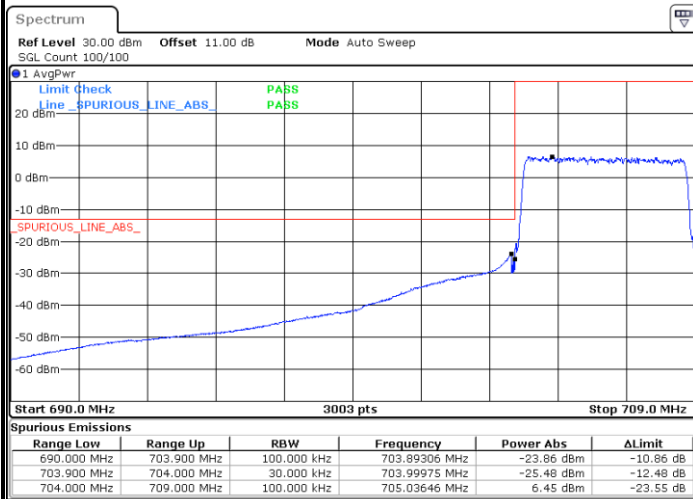
Date: 20.FEB.2023 18:36:32

Highest Band Edge / 1 RB



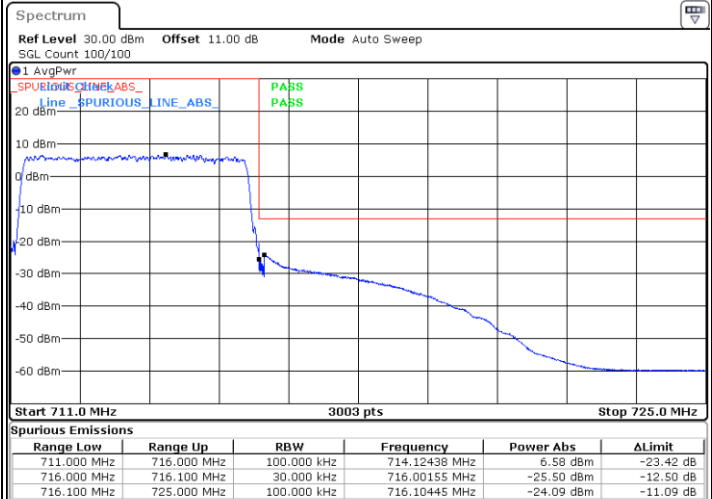
Date: 20.FEB.2023 18:39:14

Lowest Band Edge / Full RB



Date: 20.FEB.2023 18:37:33

Highest Band Edge / Full RB

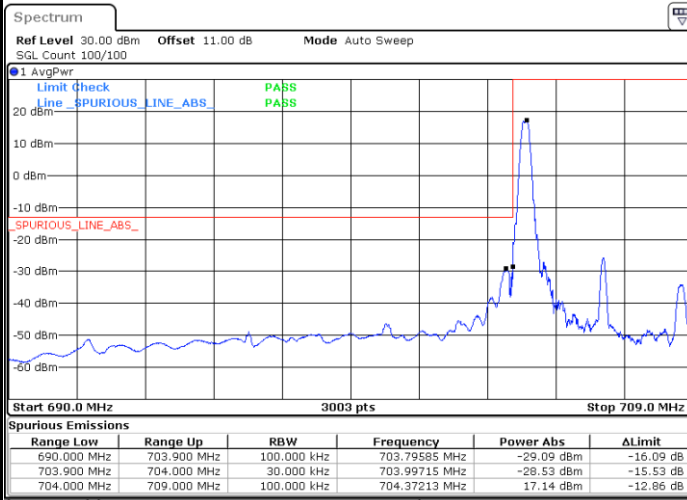


Date: 20.FEB.2023 18:40:13



LTE Band 17 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



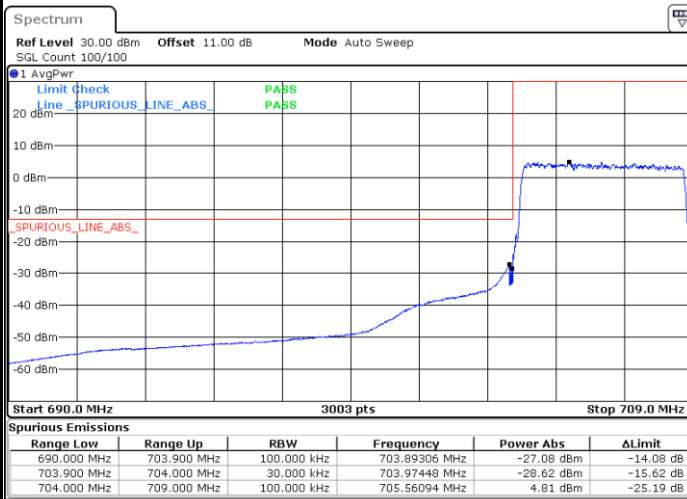
Date: 20.FEB.2023 18:45:36

Highest Band Edge / 1 RB



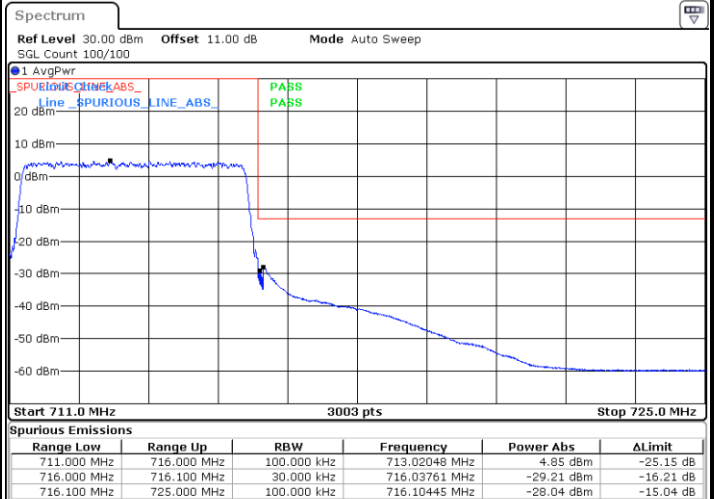
Date: 20.FEB.2023 18:48:20

Lowest Band Edge / Full RB



Date: 20.FEB.2023 18:46:37

Highest Band Edge / Full RB



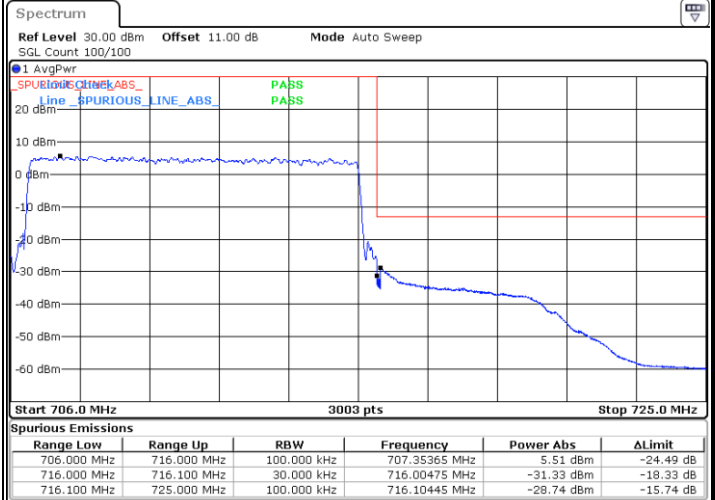
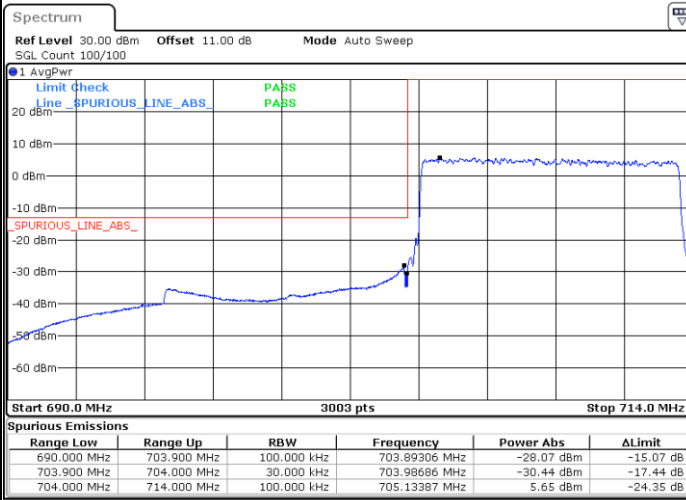
Date: 20.FEB.2023 18:49:19



LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



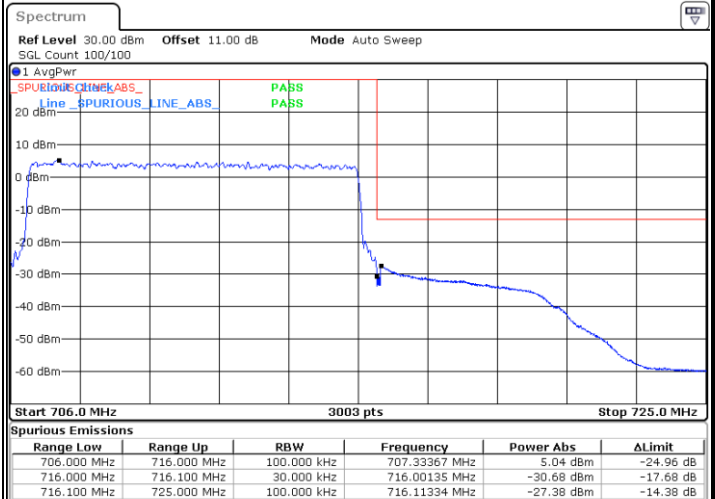
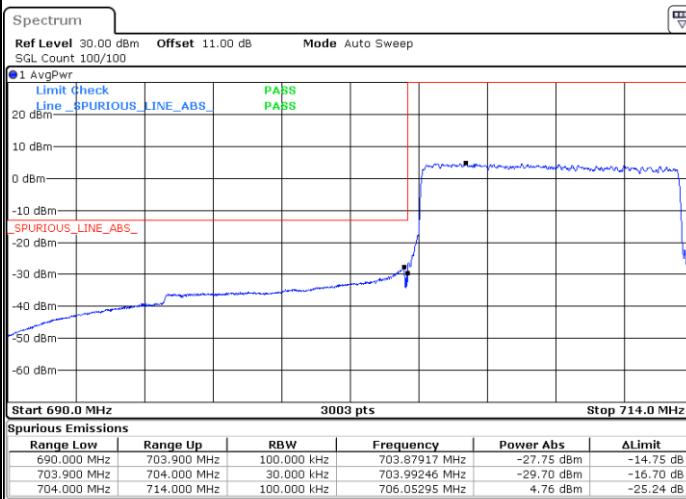
Date: 20.FEB.2023 18:30:33

Date: 20.FEB.2023 18:34:28

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

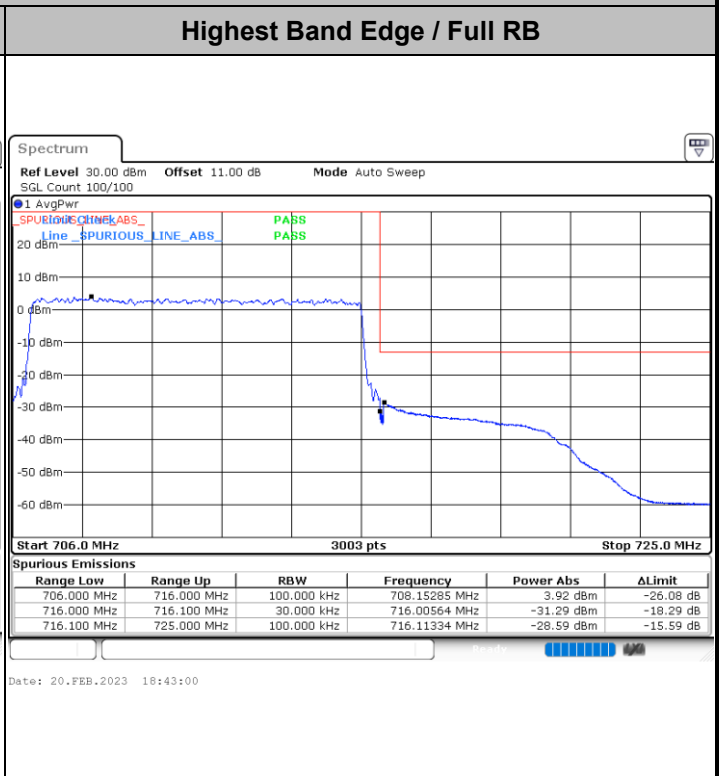
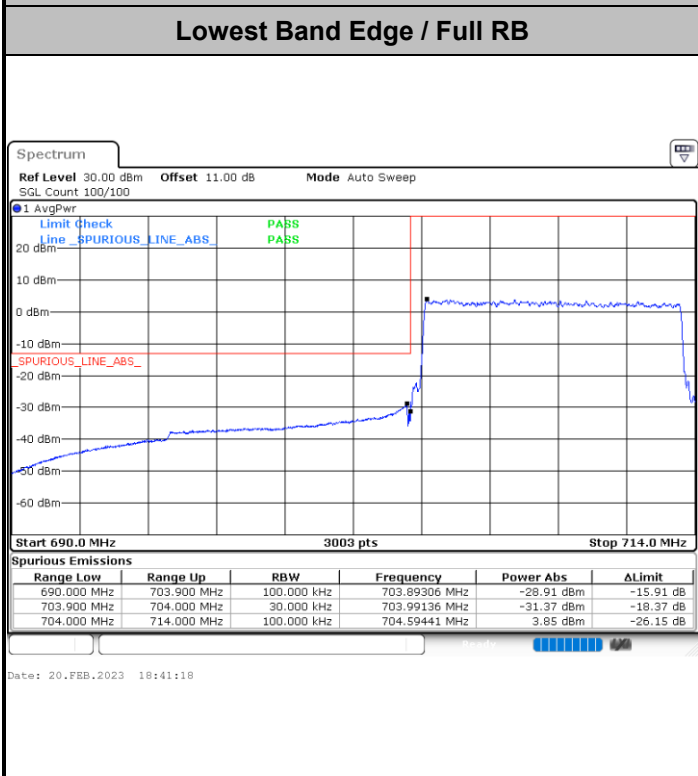


Date: 20.FEB.2023 18:31:34

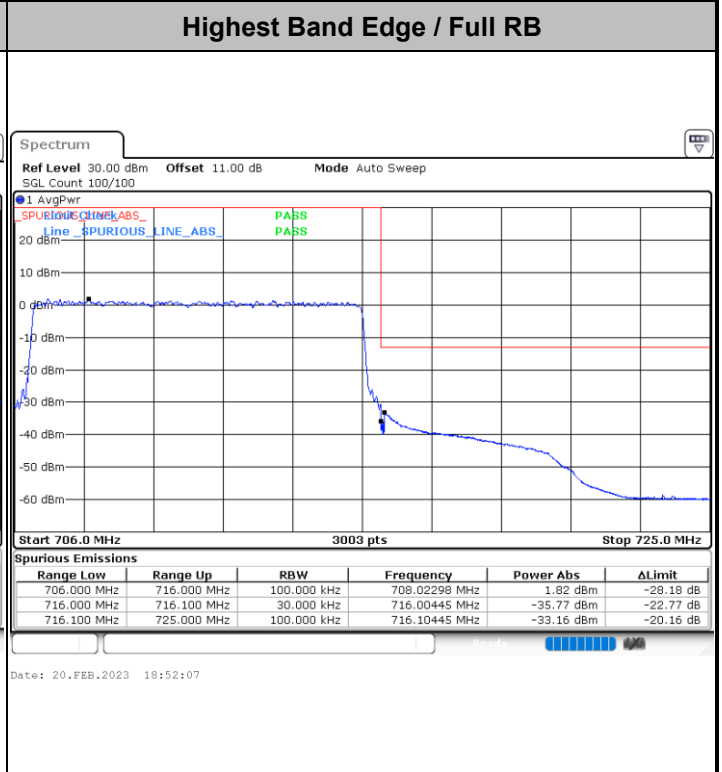
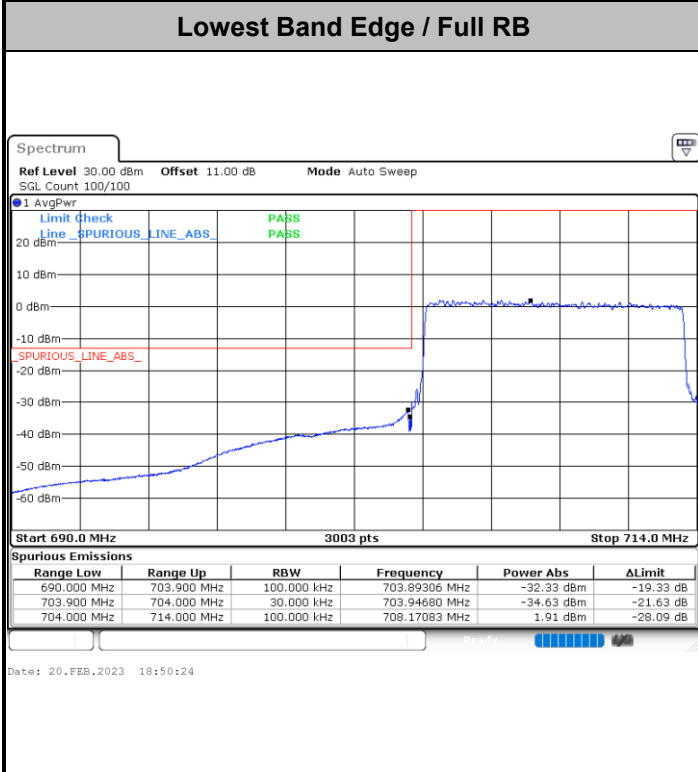
Date: 20.FEB.2023 18:35:27



**LTE Band 17 / 10MHz / 64QAM**

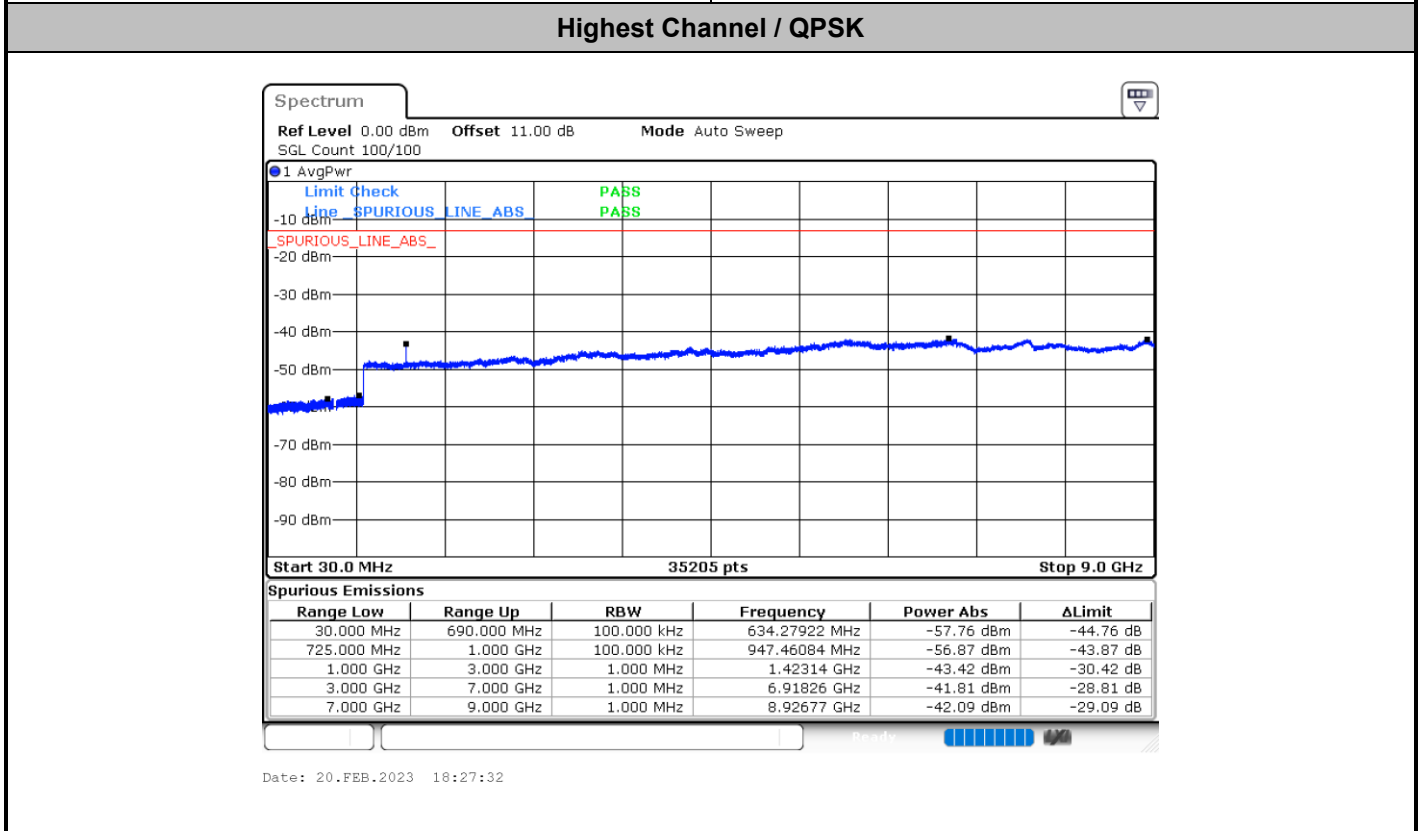
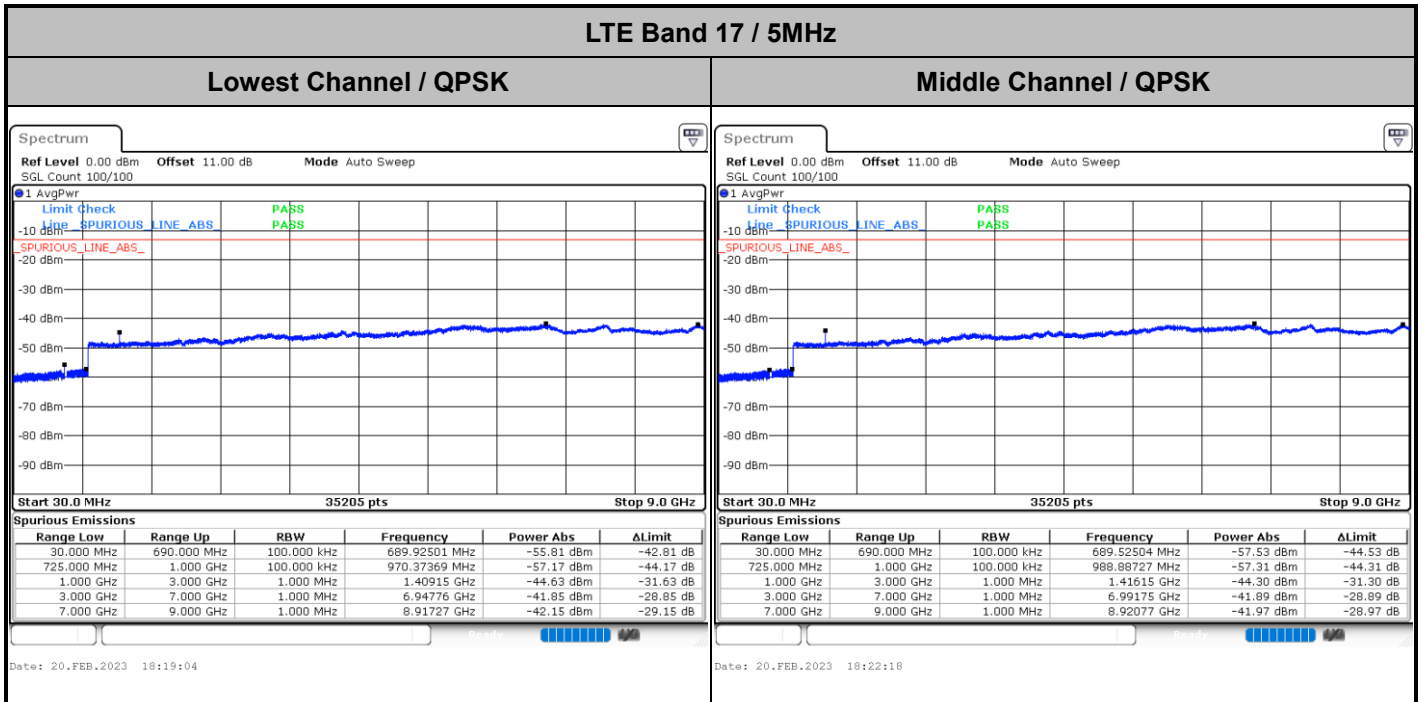


**LTE Band 17 / 10MHz / 256QAM**





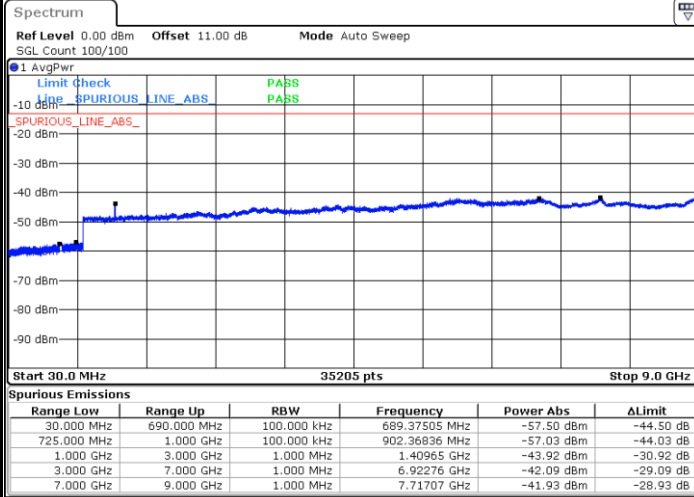
# Conducted Spurious Emission





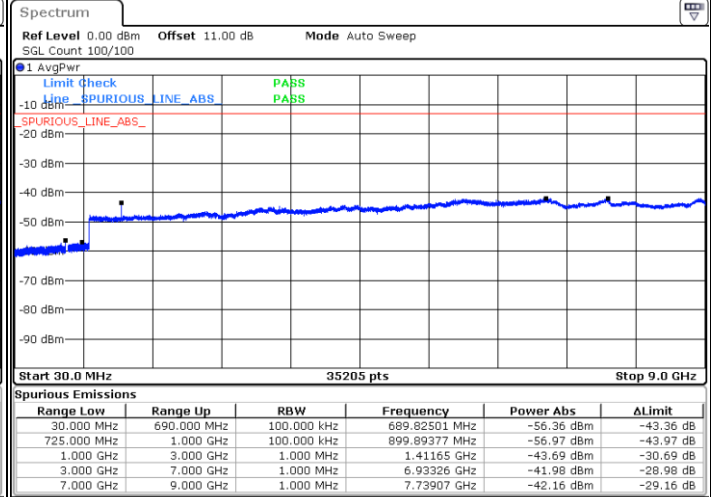
LTE Band 17 / 10MHz

Lowest Channel / QPSK



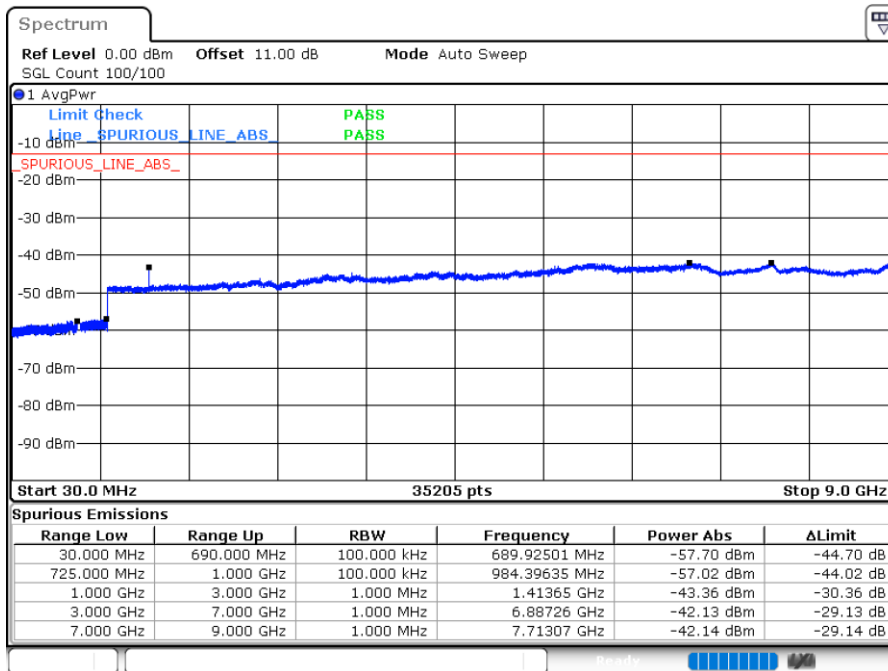
Date: 20.FEB.2023 18:53:55

Middle Channel / QPSK



Date: 20.FEB.2023 18:55:14

Highest Channel / QPSK



Date: 20.FEB.2023 18:56:32



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0265	PASS
40	Normal Voltage	0.0113	
30	Normal Voltage	0.0176	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0238	
-20	Normal Voltage	0.0149	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0163	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0151	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.





## LTE Band 25

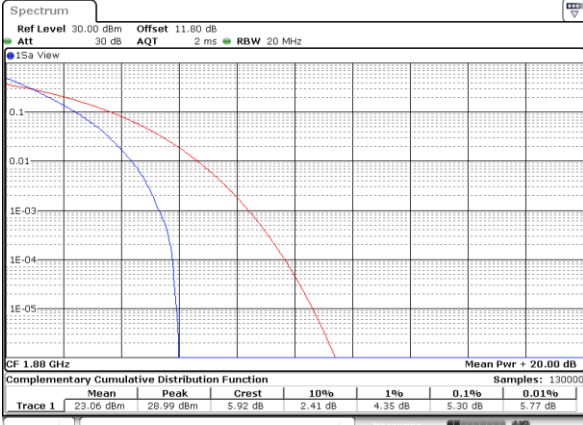
### Peak-to-Average Ratio

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	5.30	6.00	6.29	6.55	PASS



LTE Band 25 / 20MHz / QPSK

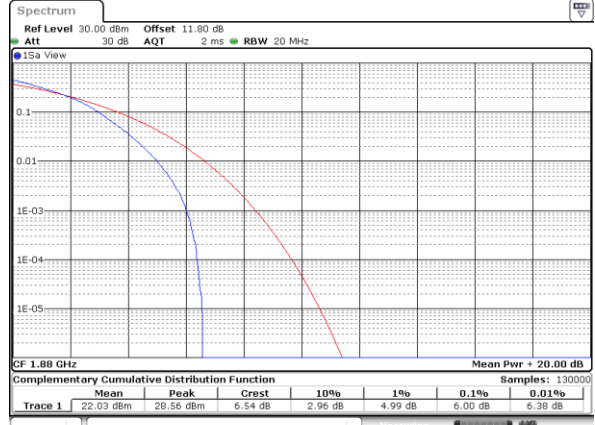
Middle Channel / Full RB



Date: 17.FEB.2023 23:39:20

LTE Band 25 / 20MHz / 16QAM

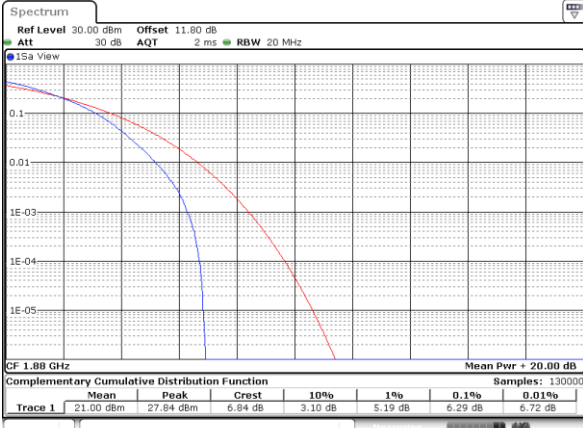
Middle Channel / Full RB



Date: 17.FEB.2023 23:38:55

LTE Band 25 / 20MHz / 64QAM

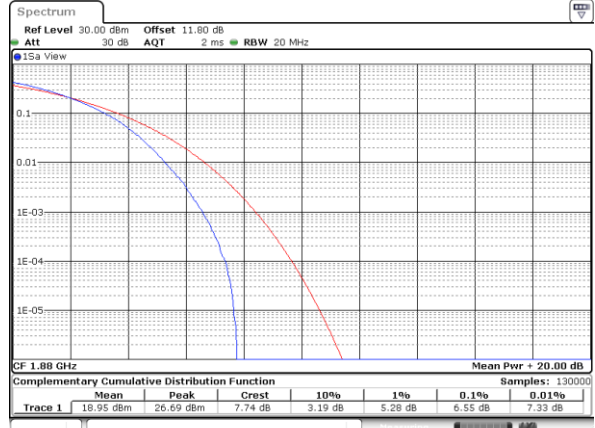
Middle Channel / Full RB



Date: 17.FEB.2023 23:38:23

LTE Band 25 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 17.FEB.2023 23:59:07



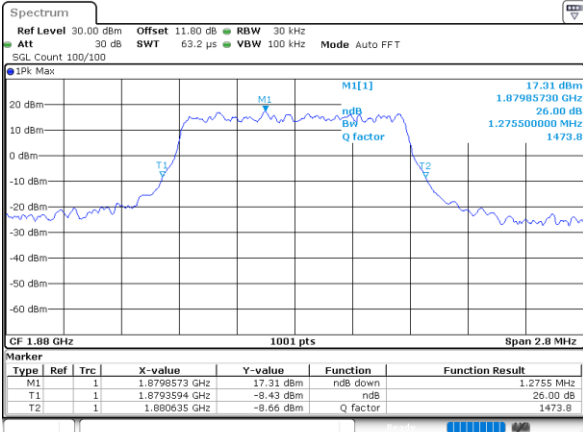
**26dB Bandwidth**

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	1.32	3.13	3.10	4.91	5.03	9.97	10.01	14.48	14.75	19.30	18.90
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	1.30	1.26	3.00	3.10	5.05	5.09	10.33	10.43	14.78	14.60	19.34	19.78



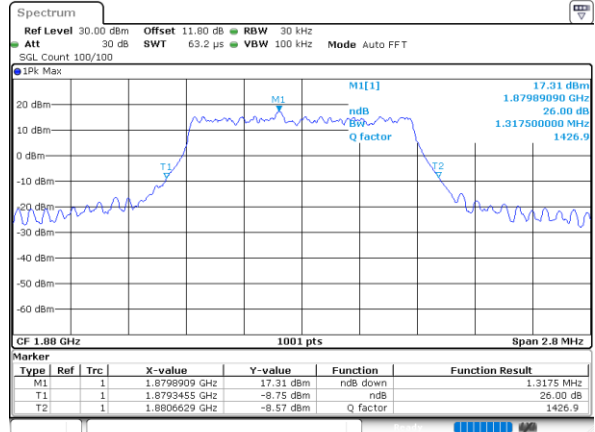
LTE Band 25

Middle Channel / 1.4MHz / QPSK



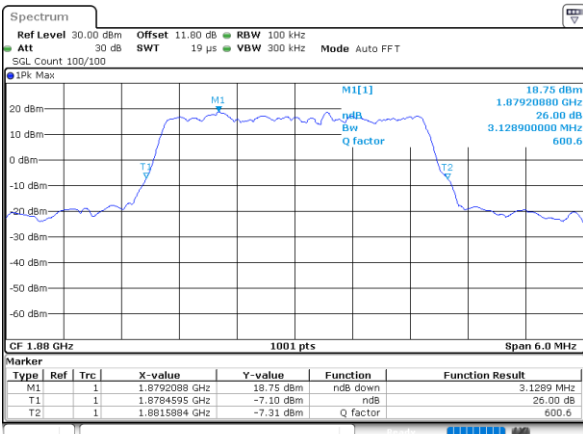
Date: 17.FEB.2023 22:41:50

Middle Channel / 1.4MHz / 16QAM



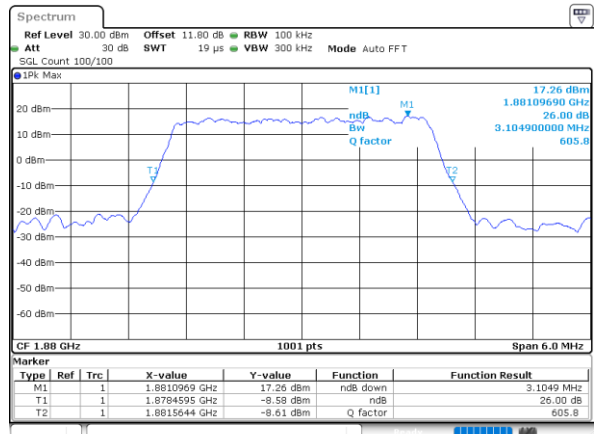
Date: 17.FEB.2023 22:42:19

Middle Channel / 3MHz / QPSK



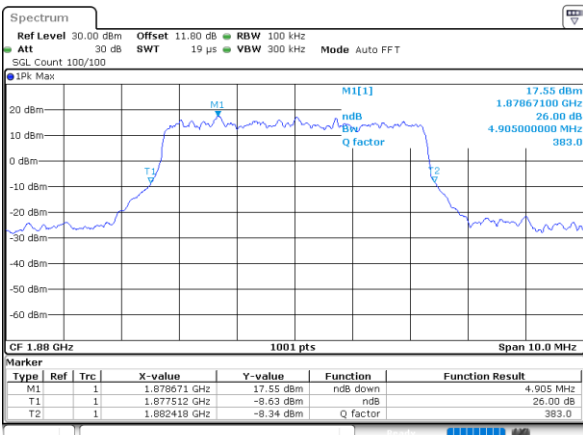
Date: 17.FEB.2023 23:00:02

Middle Channel / 3MHz / 16QAM



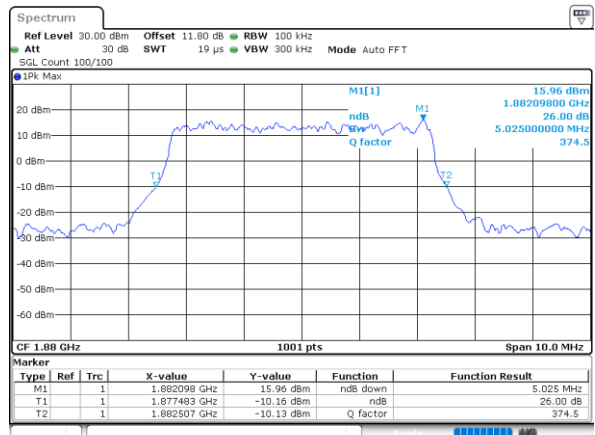
Date: 17.FEB.2023 23:00:32

Middle Channel / 5MHz / QPSK



Date: 17.FEB.2023 23:06:09

Middle Channel / 5MHz / 16QAM

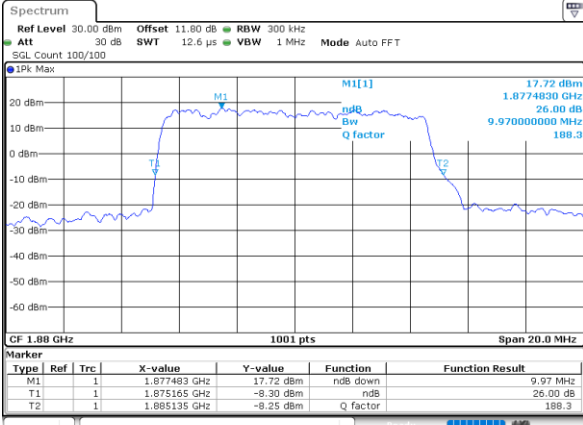


Date: 17.FEB.2023 23:06:38



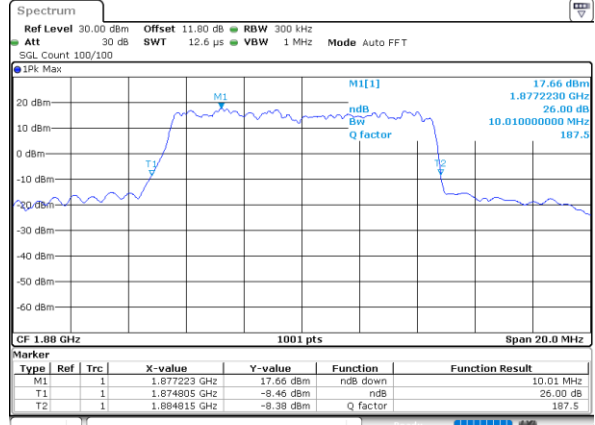
LTE Band 25

Middle Channel / 10MHz / QPSK



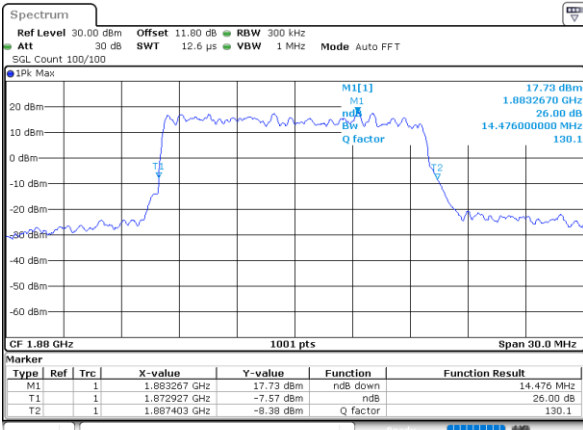
Date: 17.FEB.2023 23:15:00

Middle Channel / 10MHz / 16QAM



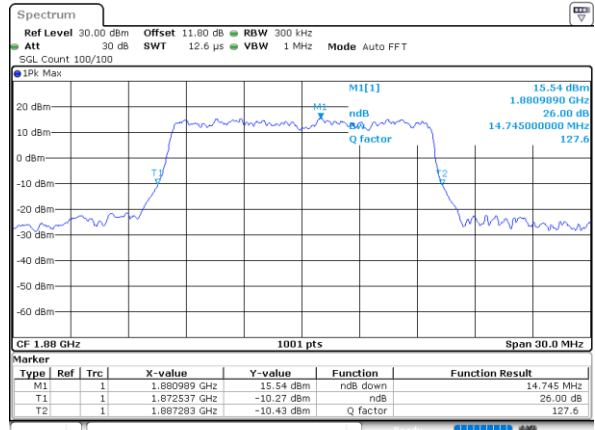
Date: 17.FEB.2023 23:15:30

Middle Channel / 15MHz / QPSK



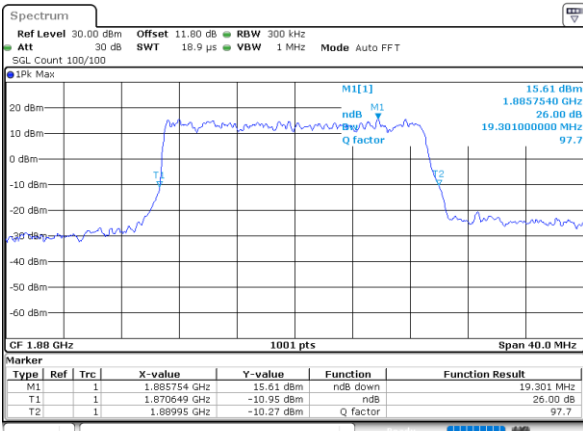
Date: 17.FEB.2023 23:26:32

Middle Channel / 15MHz / 16QAM



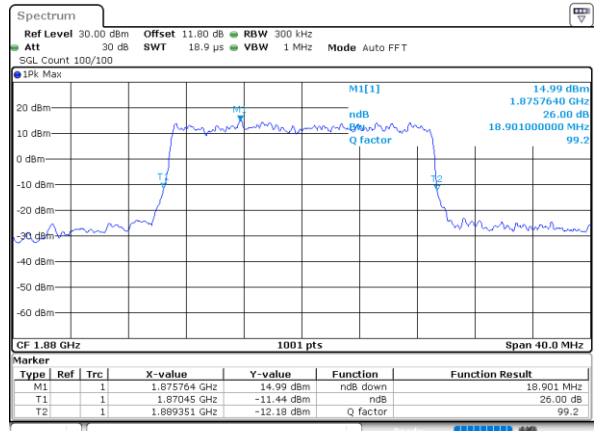
Date: 17.FEB.2023 23:27:01

Middle Channel / 20MHz / QPSK



Date: 17.FEB.2023 23:32:37

Middle Channel / 20MHz / 16QAM

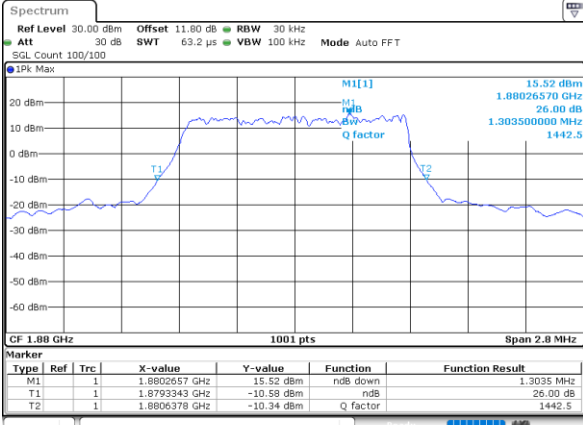


Date: 17.FEB.2023 23:33:07



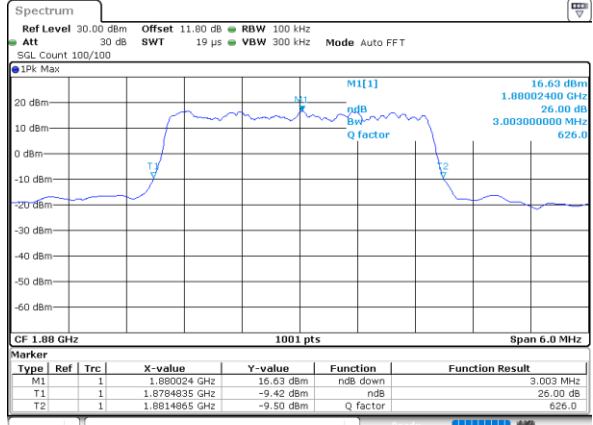
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



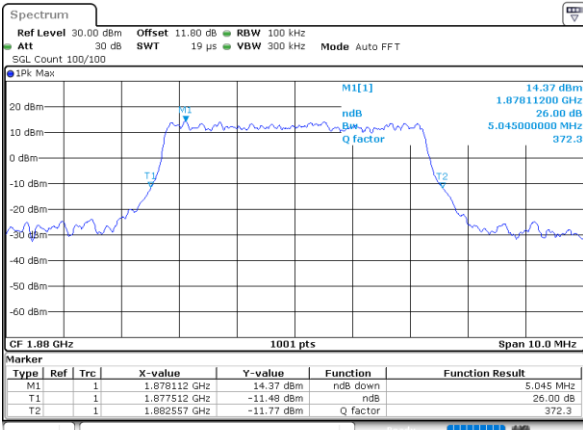
Date: 17.FEB.2023 22:51:44

Middle Channel / 3MHz / 64QAM



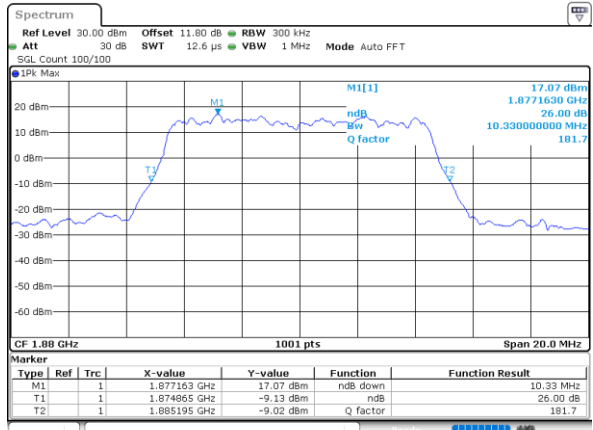
Date: 17.FEB.2023 22:55:33

Middle Channel / 5MHz / 64QAM



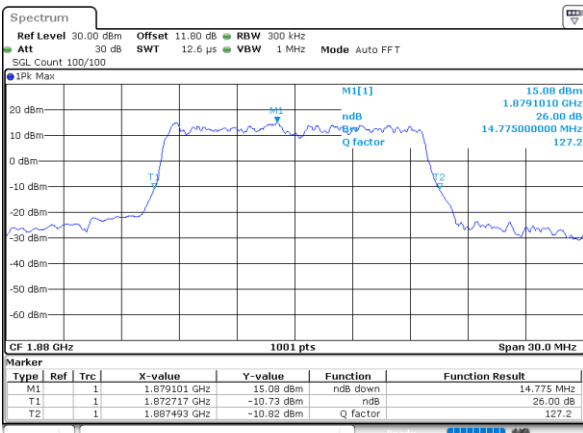
Date: 17.FEB.2023 23:10:25

Middle Channel / 10MHz / 64QAM



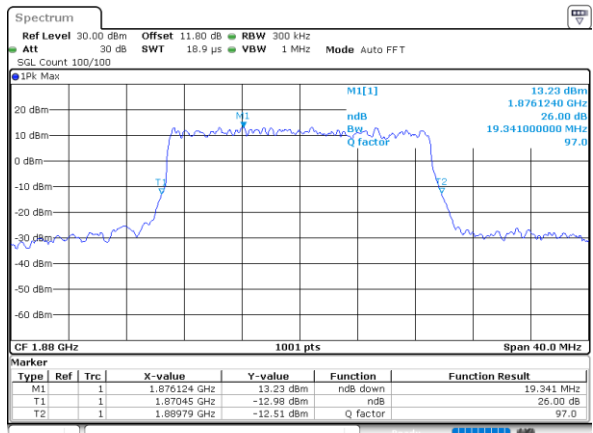
Date: 17.FEB.2023 23:19:13

Middle Channel / 15MHz / 64QAM



Date: 17.FEB.2023 23:22:02

Middle Channel / 20MHz / 64QAM

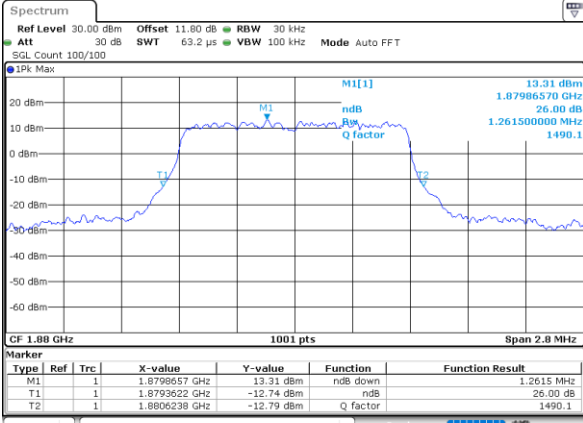


Date: 17.FEB.2023 23:36:51



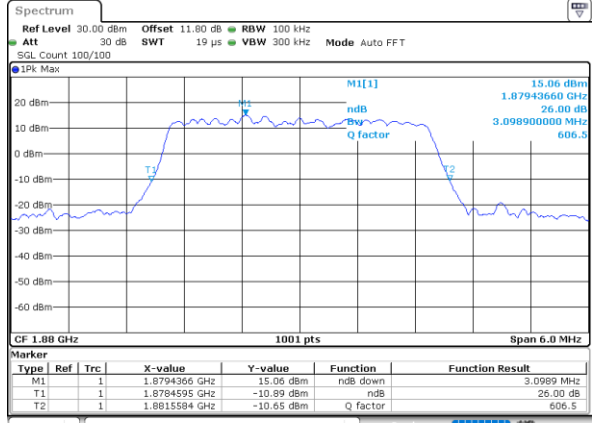
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



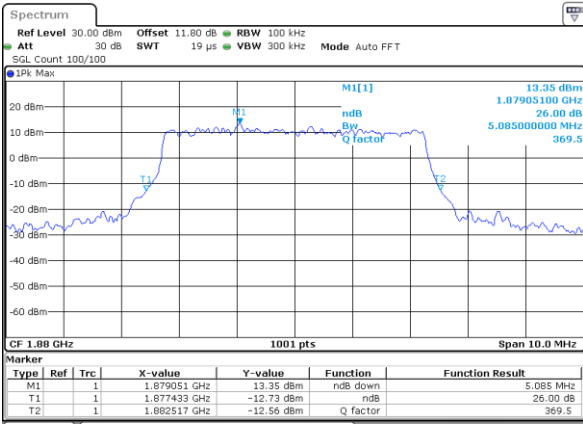
Date: 17.FEB.2023 23:42:20

Middle Channel / 3MHz / 256QAM



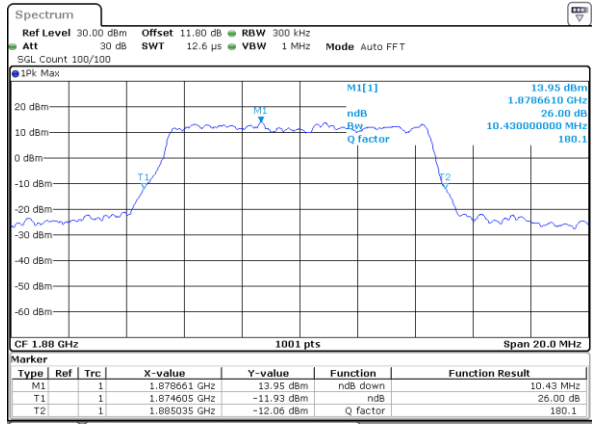
Date: 17.FEB.2023 23:46:13

Middle Channel / 5MHz / 256QAM



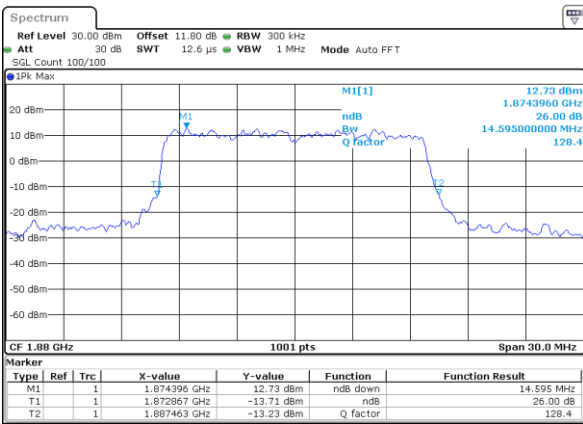
Date: 17.FEB.2023 23:49:08

Middle Channel / 10MHz / 256QAM



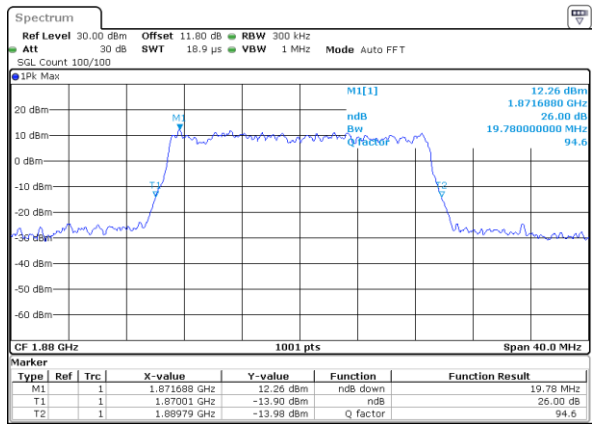
Date: 17.FEB.2023 23:51:58

Middle Channel / 15MHz / 256QAM



Date: 17.FEB.2023 23:54:48

Middle Channel / 20MHz / 256QAM



Date: 17.FEB.2023 23:57:36



Occupied Bandwidth

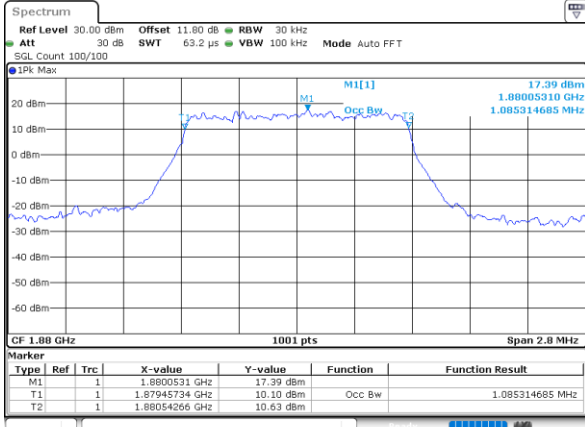
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.71	2.73	4.49	4.49	9.15	9.07	13.49	13.46	17.94	17.94
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.08	1.09	2.73	2.72	4.52	4.50	9.05	9.07	13.40	13.49	17.94	17.98





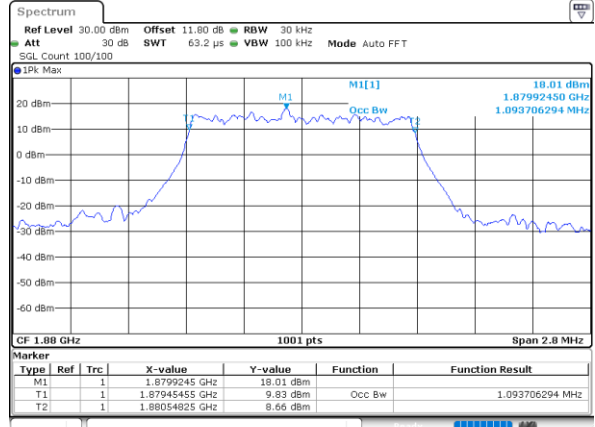
LTE Band 25

Middle Channel / 1.4MHz / QPSK



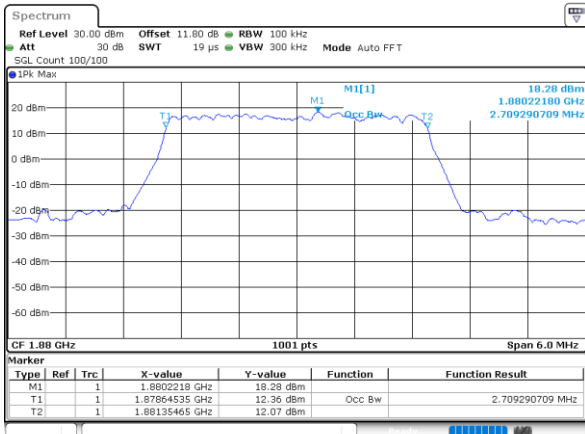
Date: 17.FEB.2023 22:40:50

Middle Channel / 1.4MHz / 16QAM



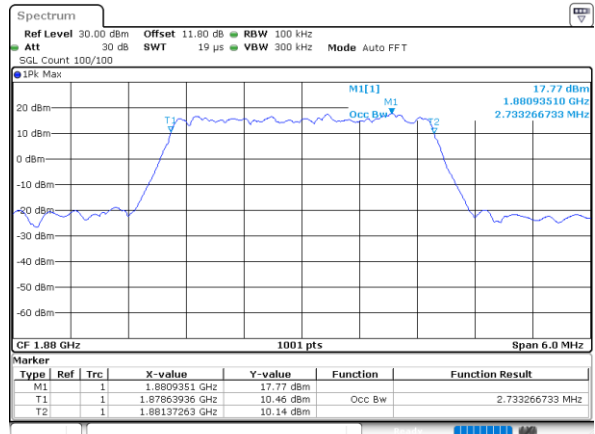
Date: 17.FEB.2023 22:41:120

Middle Channel / 3MHz / QPSK



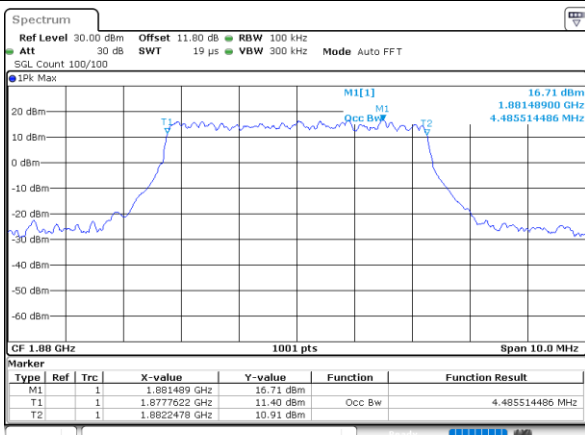
Date: 17.FEB.2023 22:59:03

Middle Channel / 3MHz / 16QAM



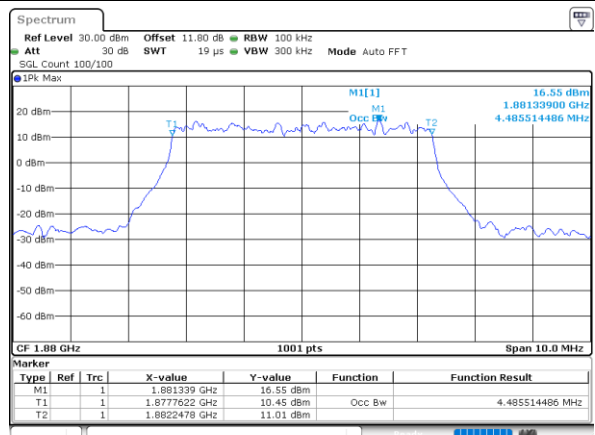
Date: 17.FEB.2023 22:59:133

Middle Channel / 5MHz / QPSK



Date: 17.FEB.2023 23:05:10

Middle Channel / 5MHz / 16QAM

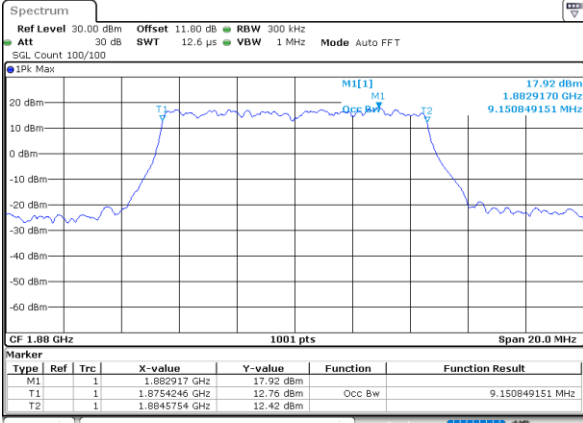


Date: 17.FEB.2023 23:05:139



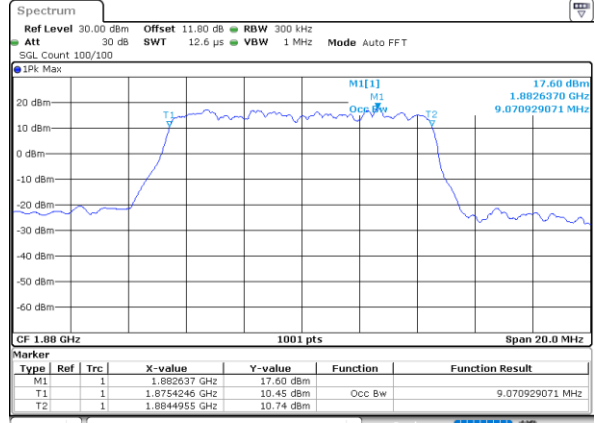
LTE Band 25

Middle Channel / 10MHz / QPSK



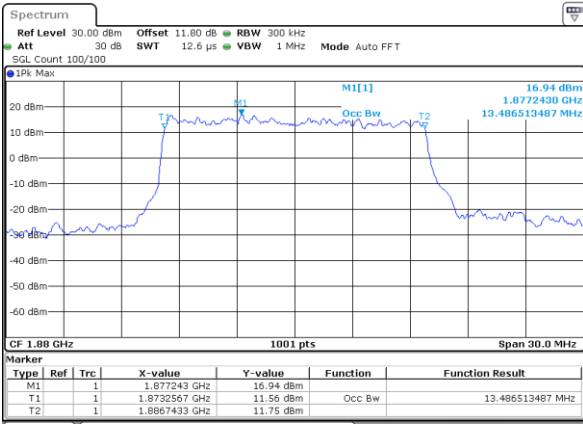
Date: 17.FEB.2023 23:14:01

Middle Channel / 10MHz / 16QAM



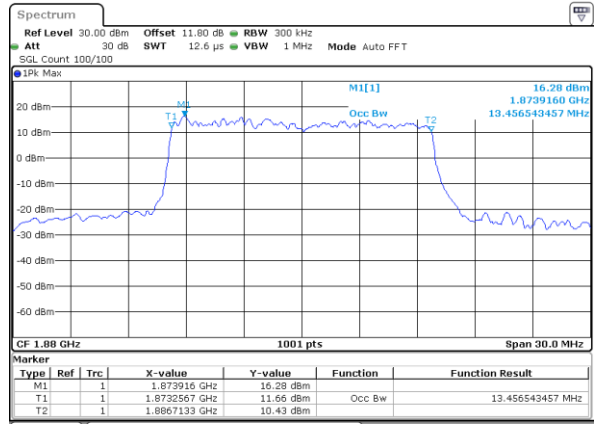
Date: 17.FEB.2023 23:14:01

Middle Channel / 15MHz / QPSK



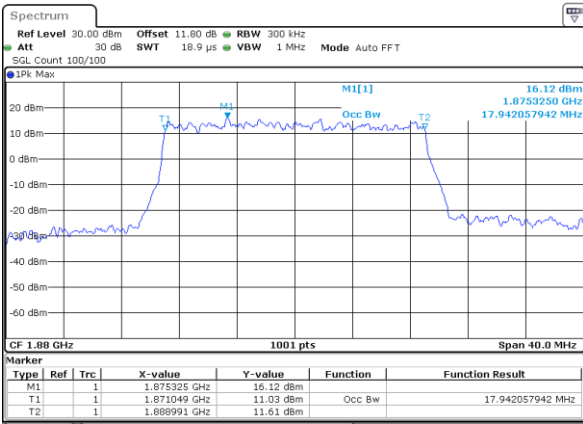
Date: 17.FEB.2023 23:25:32

Middle Channel / 15MHz / 16QAM



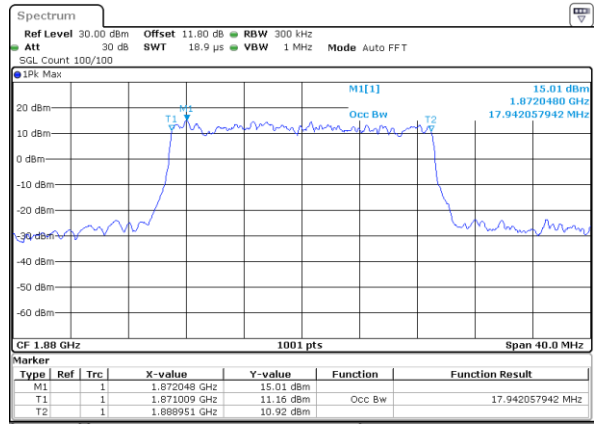
Date: 17.FEB.2023 23:26:01

Middle Channel / 20MHz / QPSK



Date: 17.FEB.2023 23:31:38

Middle Channel / 20MHz / 16QAM

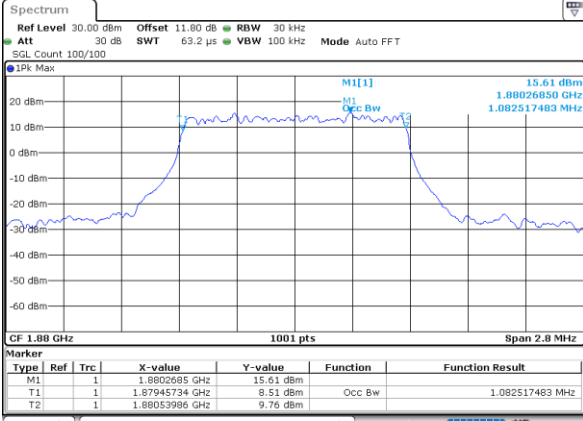


Date: 17.FEB.2023 23:32:08



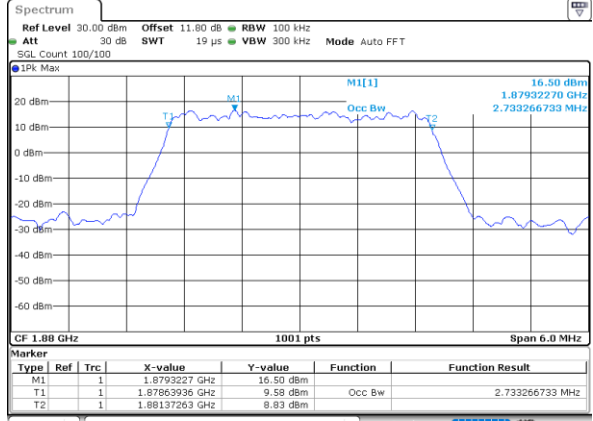
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



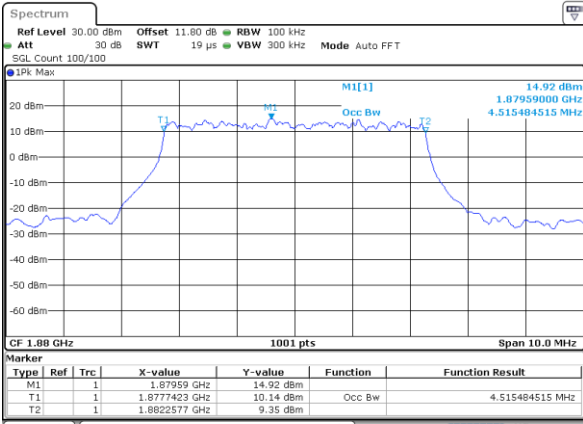
Date: 17.FEB.2023 22:51:30

Middle Channel / 3MHz / 64QAM



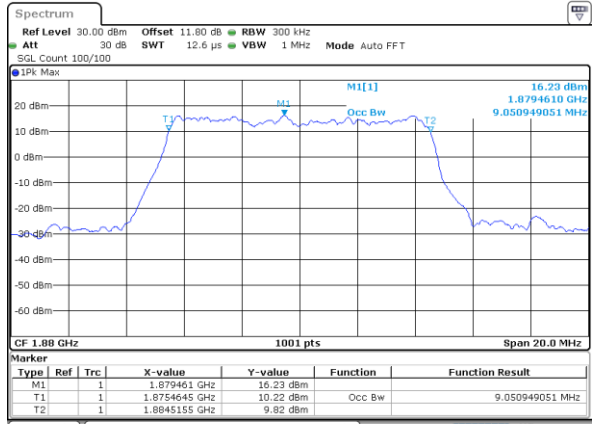
Date: 17.FEB.2023 22:55:19

Middle Channel / 5MHz / 64QAM



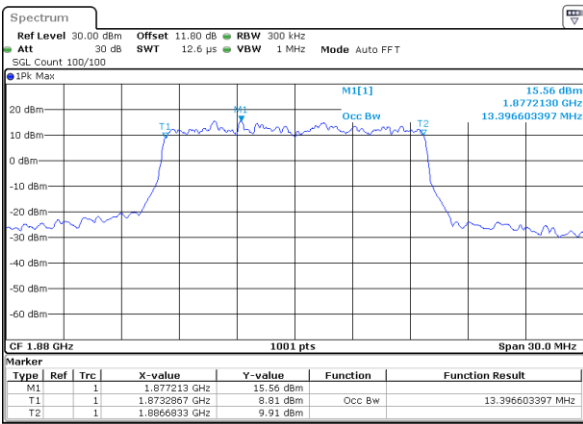
Date: 17.FEB.2023 23:10:11

Middle Channel / 10MHz / 64QAM



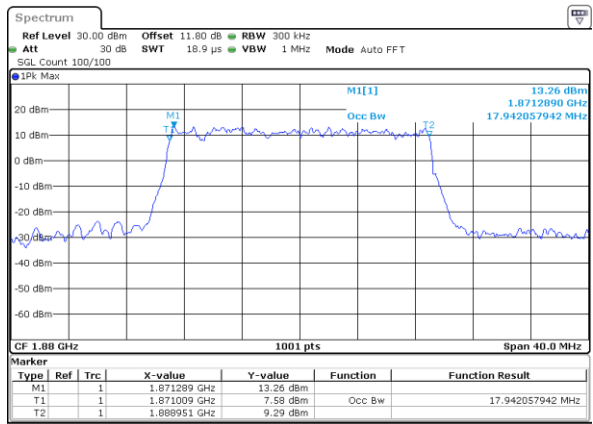
Date: 17.FEB.2023 23:18:59

Middle Channel / 15MHz / 64QAM



Date: 17.FEB.2023 23:21:48

Middle Channel / 20MHz / 64QAM

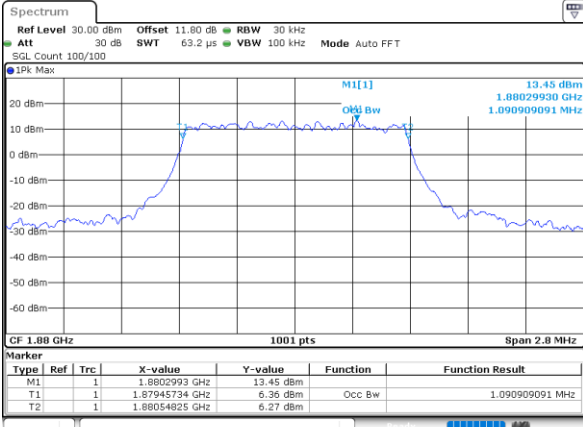


Date: 17.FEB.2023 23:36:37



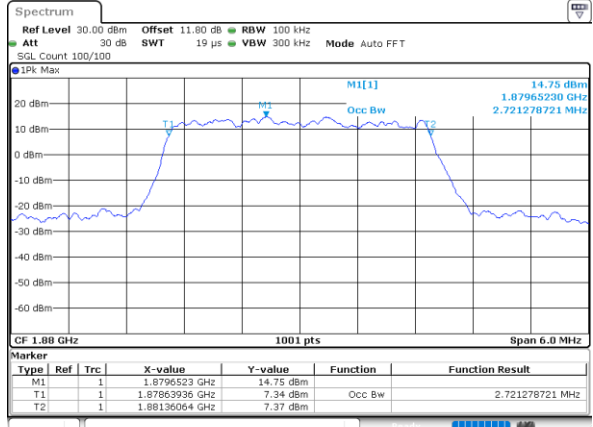
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



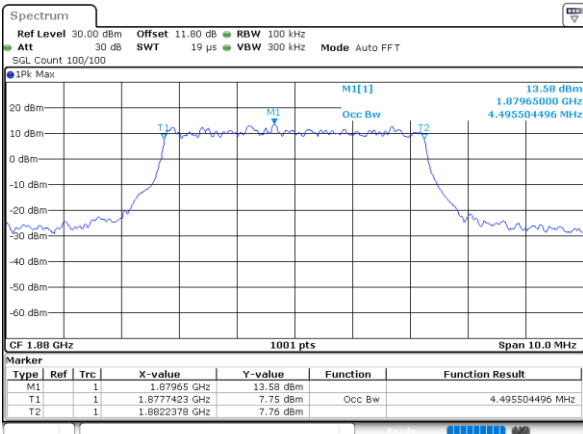
Date: 17.FEB.2023 23:42:06

Middle Channel / 3MHz / 256QAM



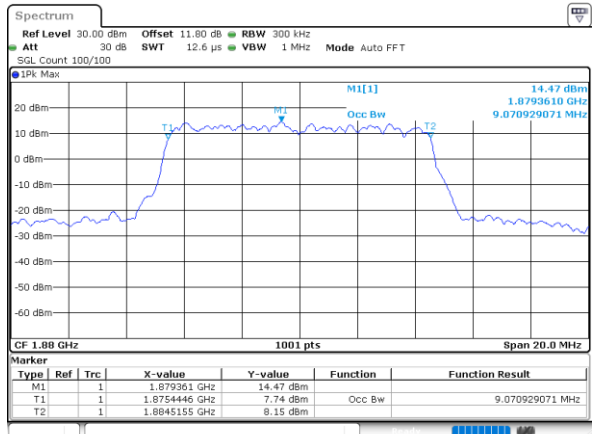
Date: 17.FEB.2023 23:45:59

Middle Channel / 5MHz / 256QAM



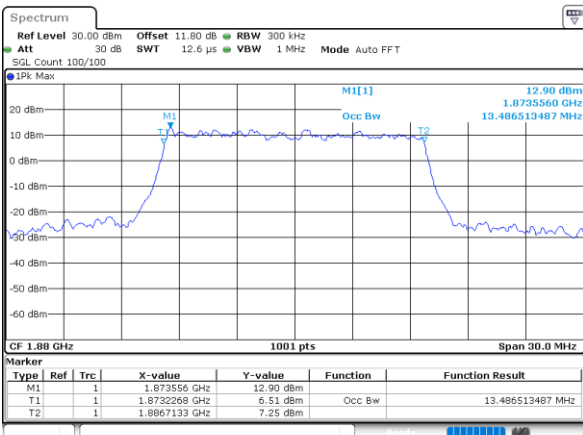
Date: 17.FEB.2023 23:48:54

Middle Channel / 10MHz / 256QAM



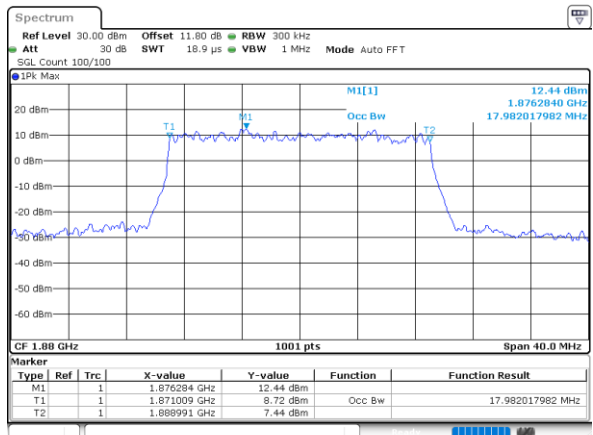
Date: 17.FEB.2023 23:51:44

Middle Channel / 15MHz / 256QAM



Date: 17.FEB.2023 23:54:34

Middle Channel / 20MHz / 256QAM



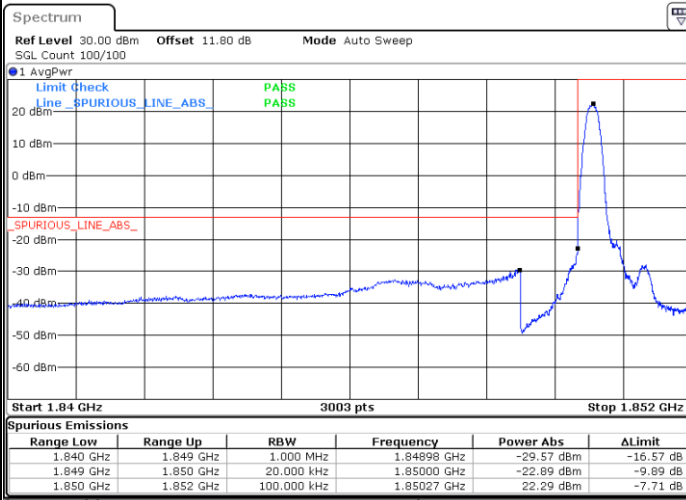
Date: 17.FEB.2023 23:57:22



# Conducted Band Edge

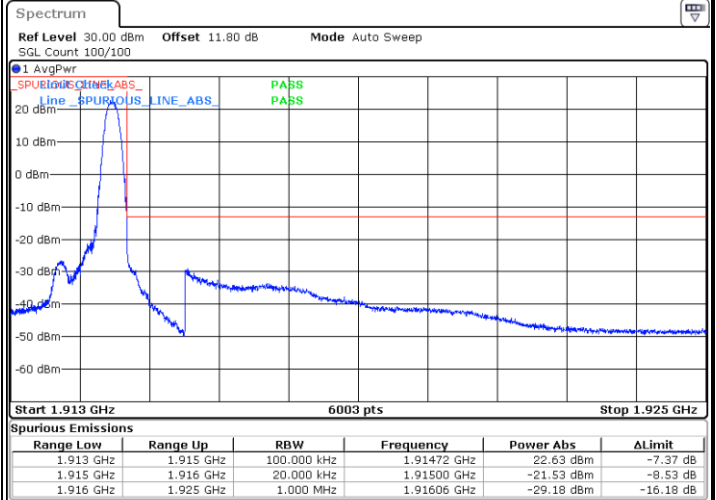
## LTE Band 25 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



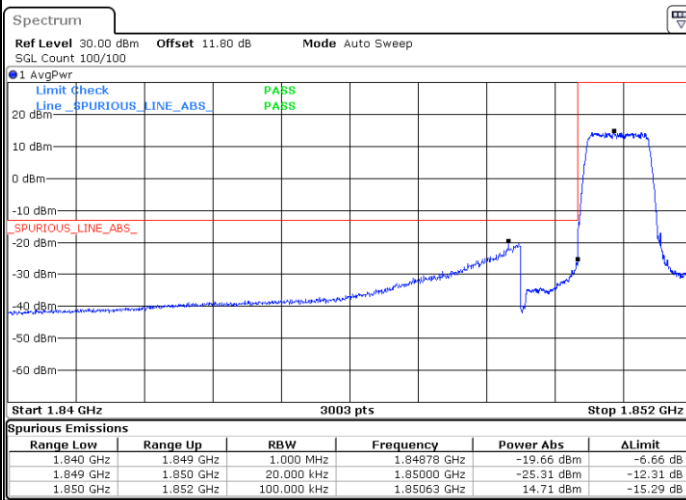
Date: 17.FEB.2023 22:35:55

### Highest Band Edge / 1RB



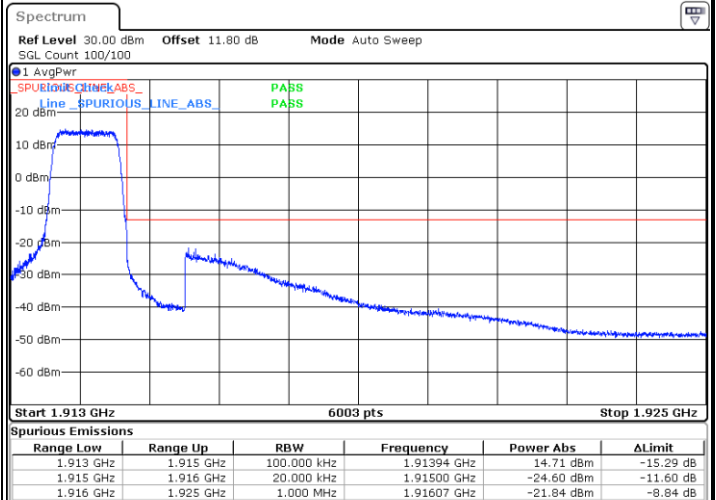
Date: 17.FEB.2023 22:47:40

### Lowest Band Edge / Full RB



Date: 17.FEB.2023 22:37:57

### Highest Band Edge / Full RB

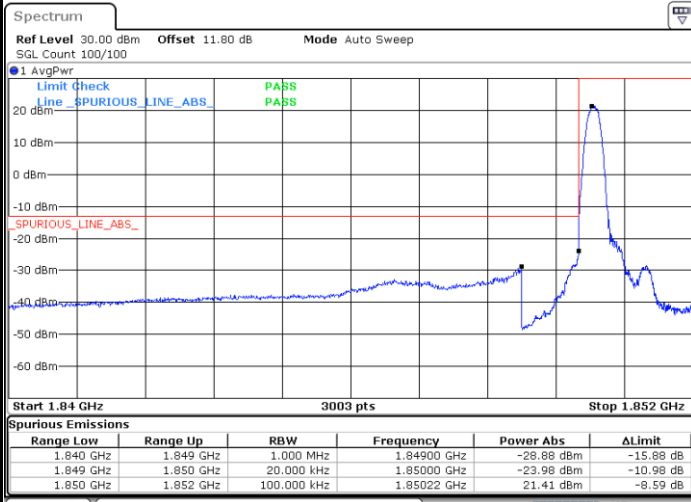


Date: 17.FEB.2023 22:44:37



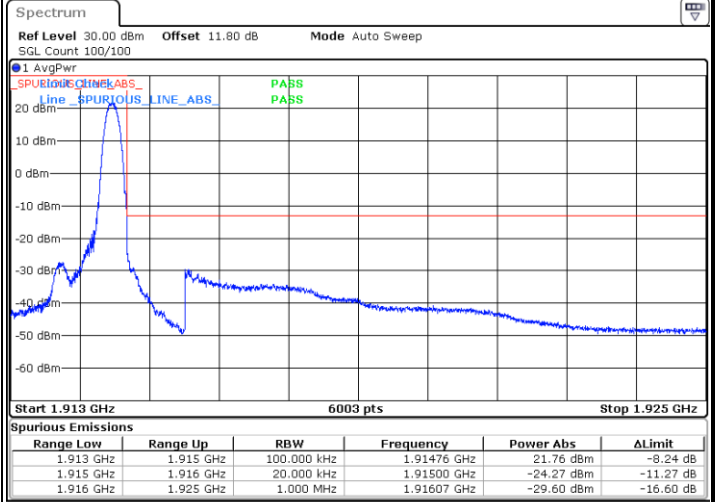
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



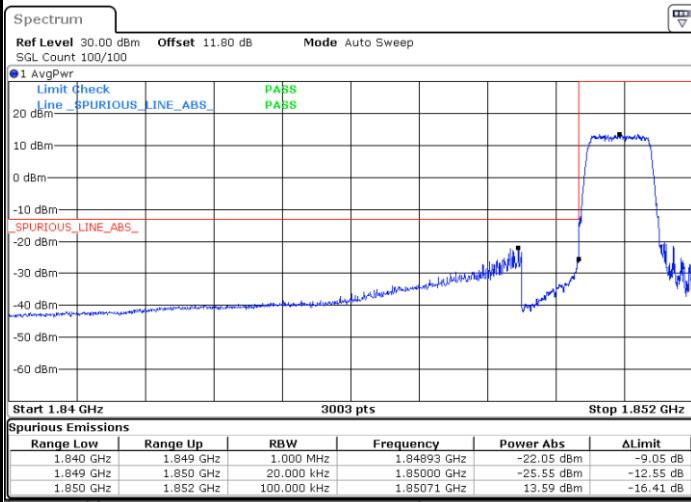
Date: 17.FEB.2023 22:36:56

Highest Band Edge / 1 RB



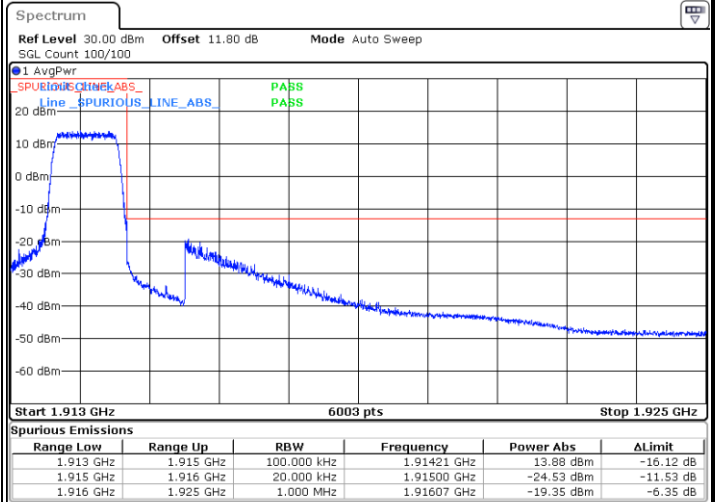
Date: 17.FEB.2023 22:46:38

Lowest Band Edge / Full RB



Date: 17.FEB.2023 22:38:58

Highest Band Edge / Full RB

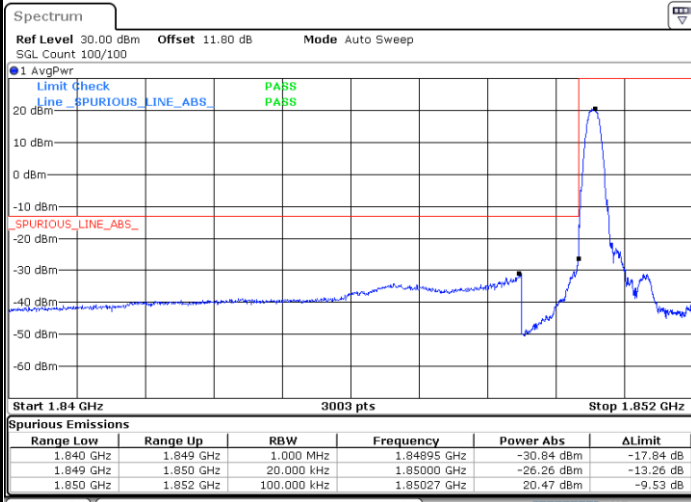


Date: 17.FEB.2023 22:45:37



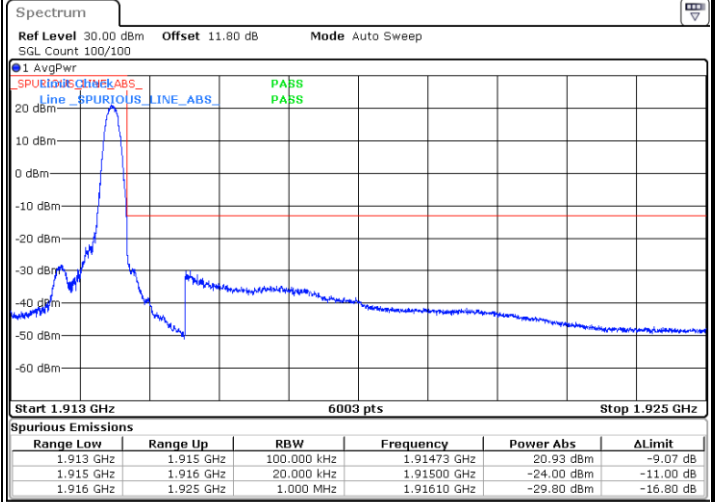
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



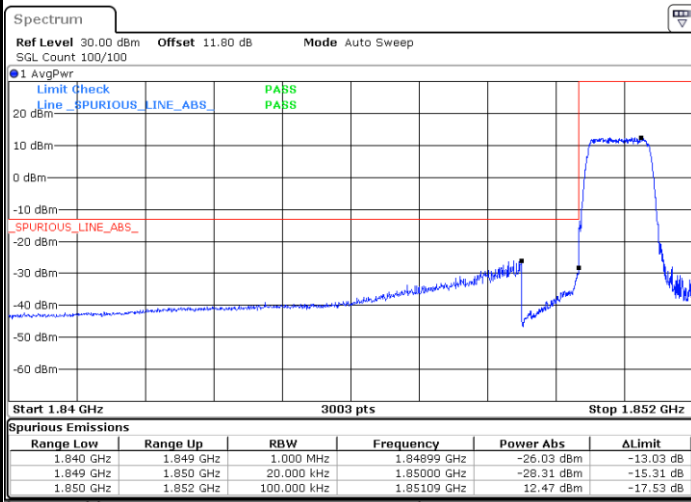
Date: 17.FEB.2023 22:49:58

Highest Band Edge / 1 RB



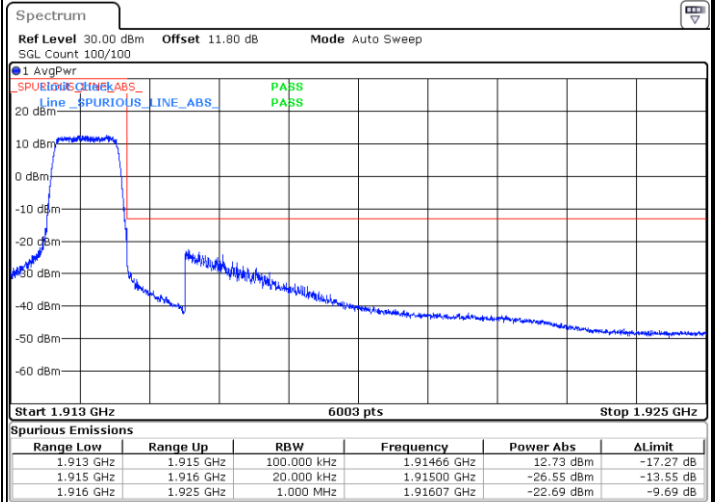
Date: 17.FEB.2023 22:53:42

Lowest Band Edge / Full RB



Date: 17.FEB.2023 22:50:59

Highest Band Edge / Full RB



Date: 17.FEB.2023 22:52:42