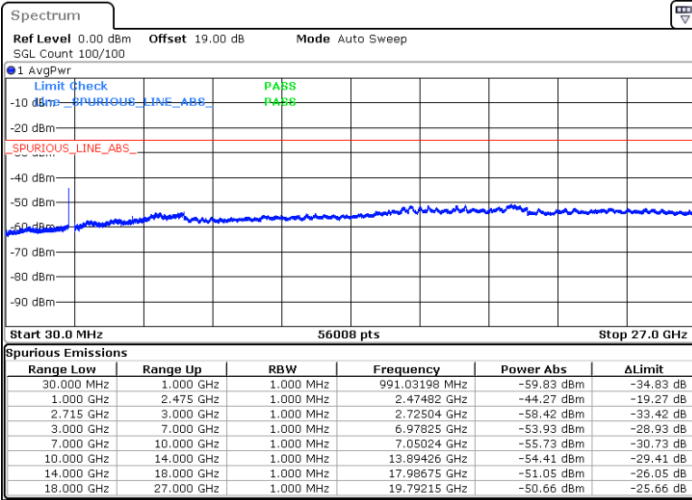




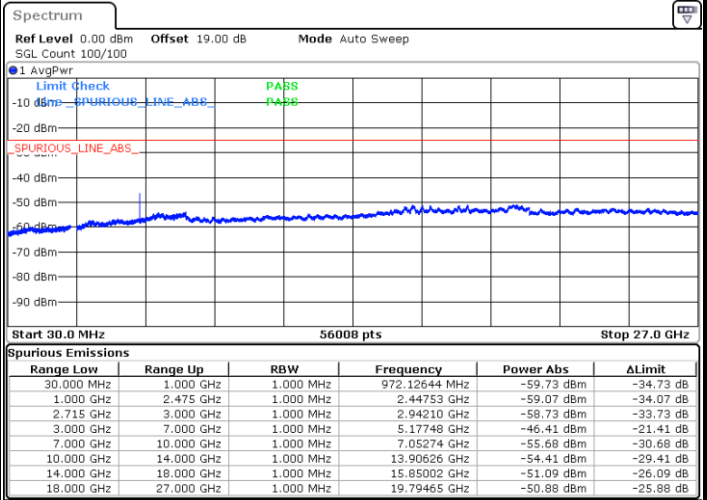
LTE Band 41 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



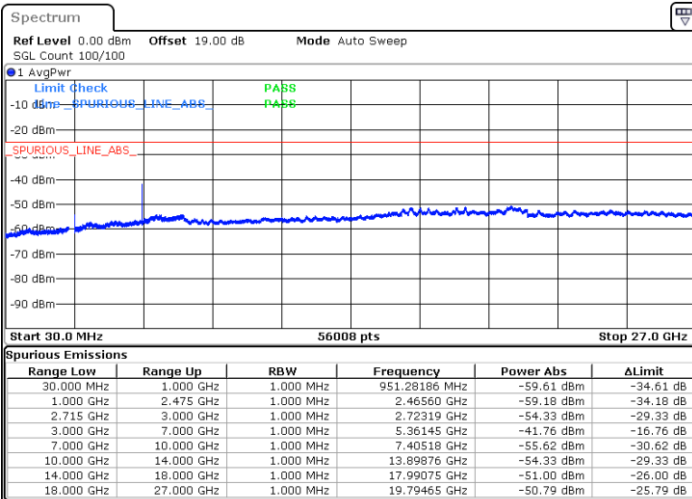
Date: 28.FEB.2023 02:22:27



Date: 28.FEB.2023 02:23:59

Highest Channel / 64QAM

NA



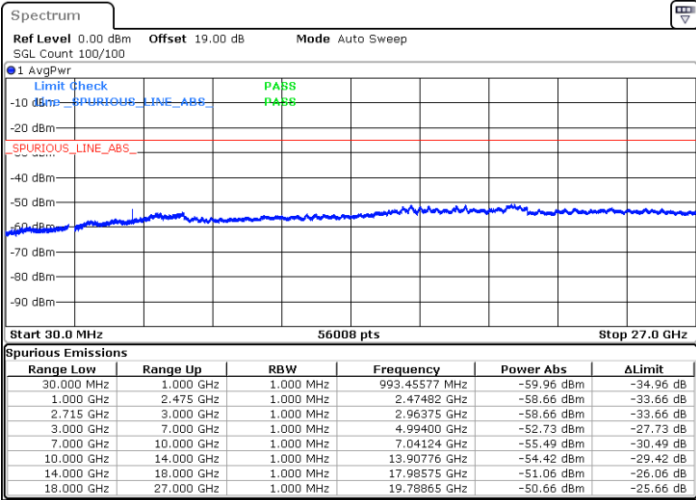
Date: 28.FEB.2023 02:25:31



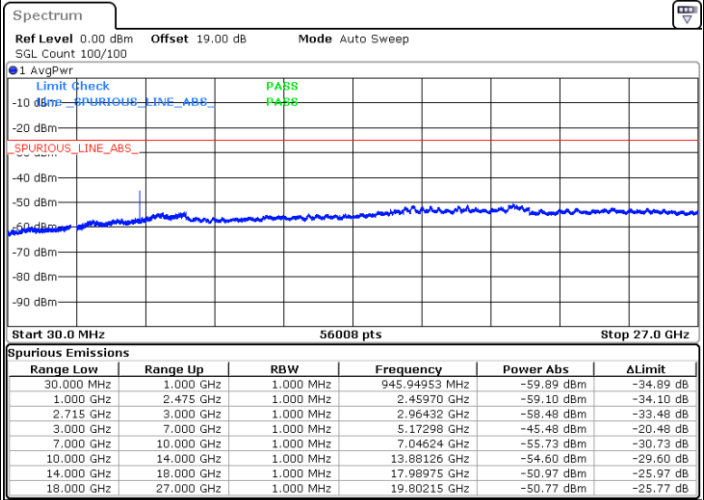
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



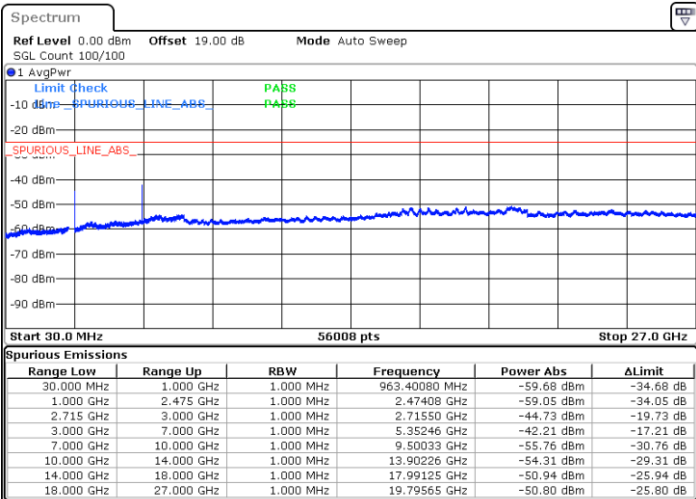
Date: 28.FEB.2023 02:27:04



Date: 28.FEB.2023 02:28:36

Highest Channel / 64QAM

NA



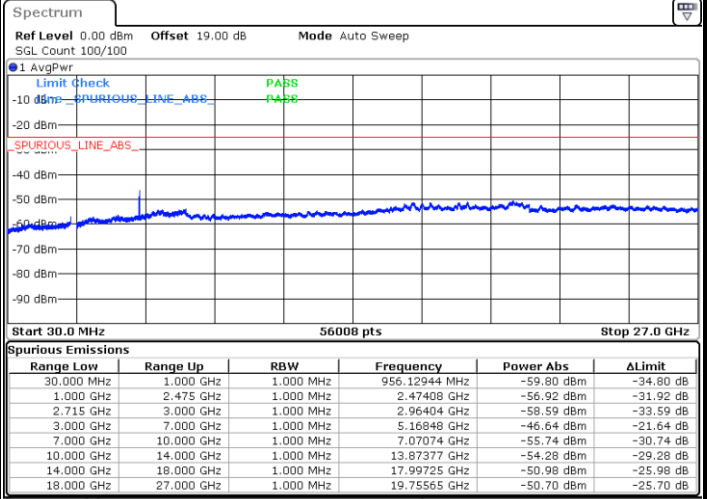
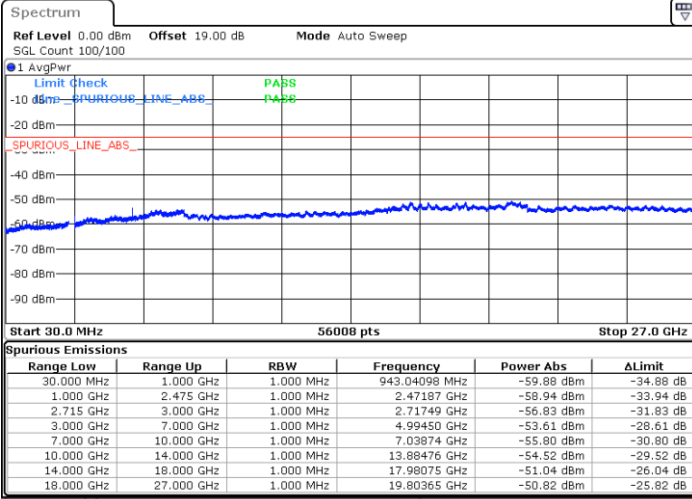
Date: 28.FEB.2023 02:30:09



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

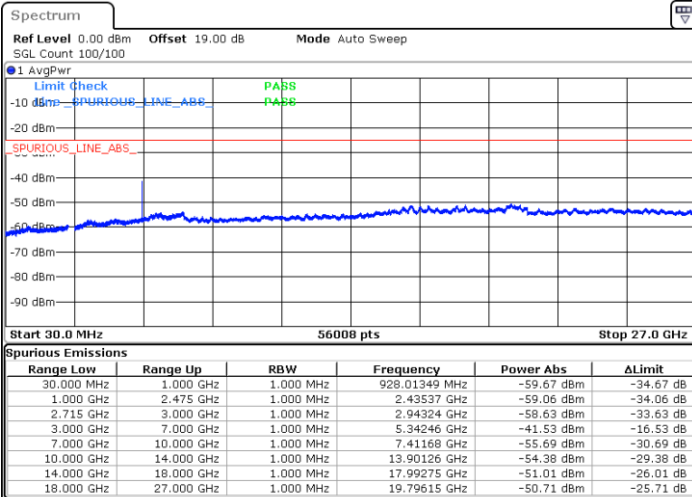


Date: 28.FEB.2023 02:31:41

Date: 28.FEB.2023 02:33:13

Highest Channel / 64QAM

NA



Date: 28.FEB.2023 02:34:45



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0056	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0036	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48V.
2. The frequency fundamental emissions stay within the authorized frequency block.



### LTE Band 41<Ant.1>---Other PA

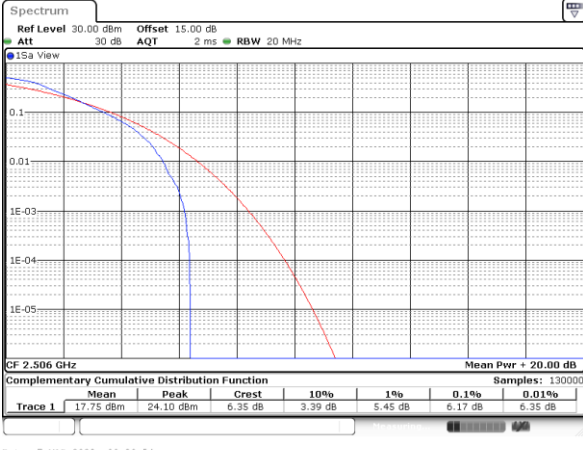
#### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.17	5.77	7.28	6.96	PASS
Middle CH	6.29	6.14	6.67	6.55	
Highest CH	6.41	5.80	7.45	6.38	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.67	6.75	-	-	PASS
Middle CH	6.58	7.04	-	-	
Highest CH	6.14	6.96	-	-	



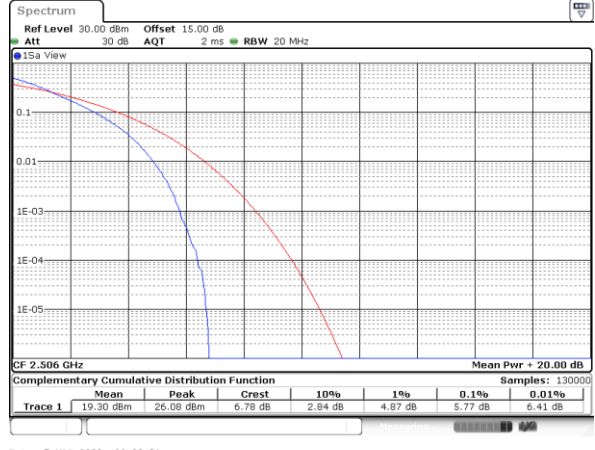
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



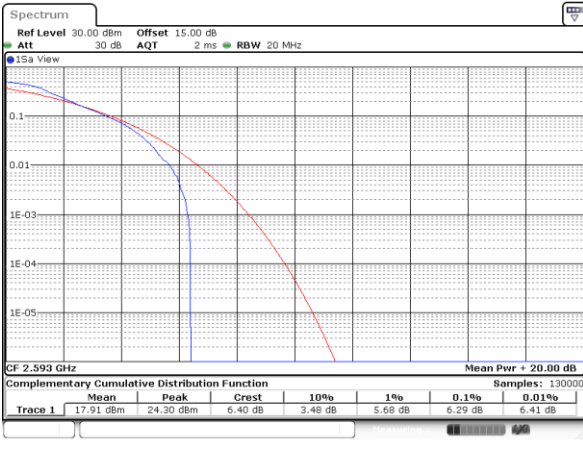
Date: 7\_MAR\_2023 00:30:54

Lowest Channel / Full RB



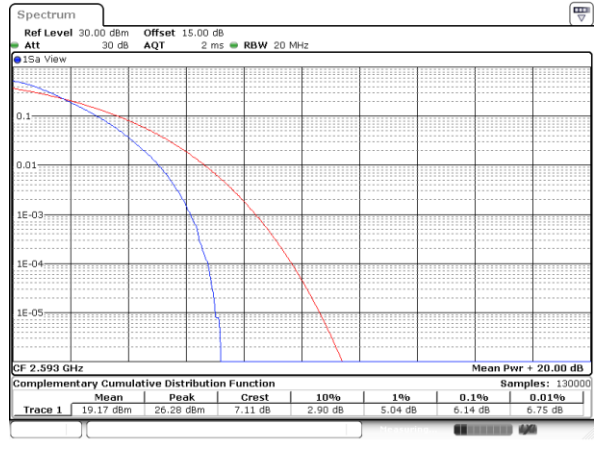
Date: 7\_MAR\_2023 00:33:51

Middle Channel / 1RB



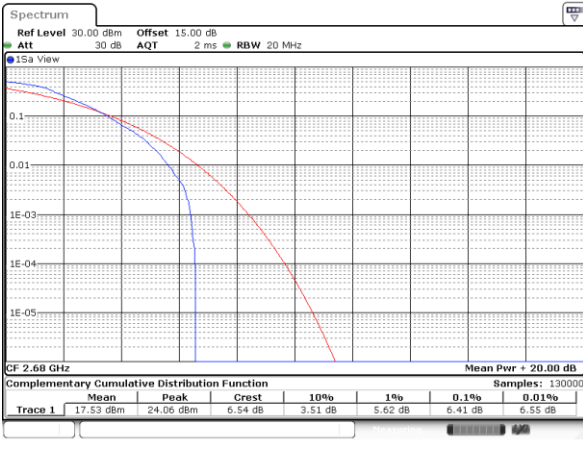
Date: 6\_MAR\_2023 23:09:32

Middle Channel / Full RB



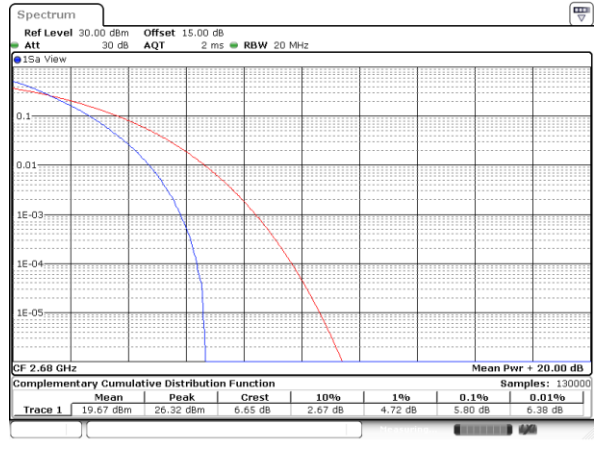
Date: 7\_MAR\_2023 00:38:57

Highest Channel / 1RB



Date: 7\_MAR\_2023 00:42:10

Highest Channel / Full RB

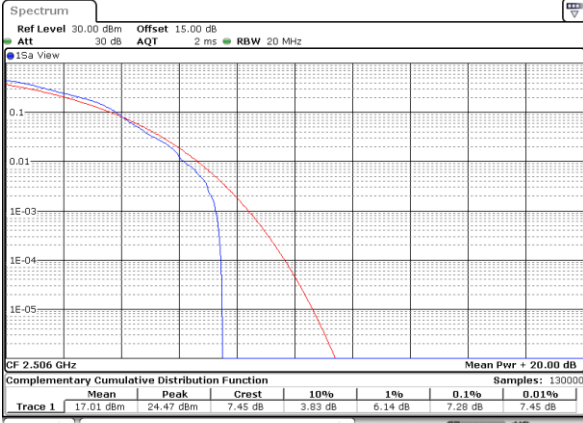


Date: 7\_MAR\_2023 00:43:19



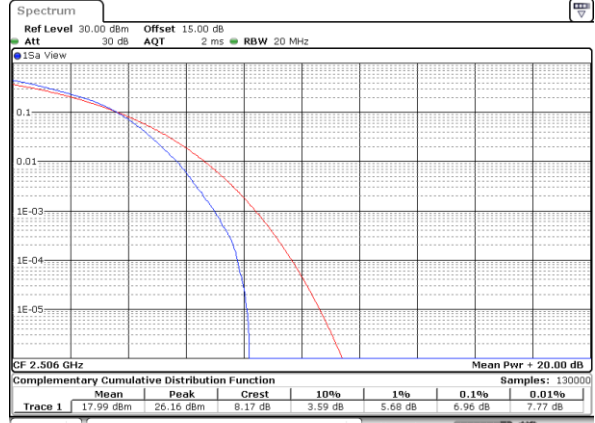
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



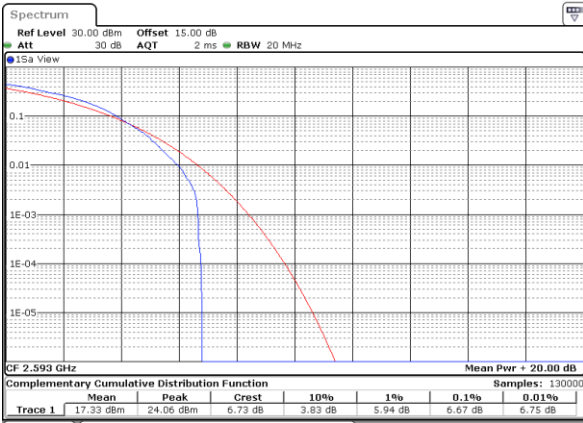
Date: 6,MAR,2023 23:06:10

Lowest Channel / Full RB



Date: 6,MAR,2023 23:06:36

Middle Channel / 1RB



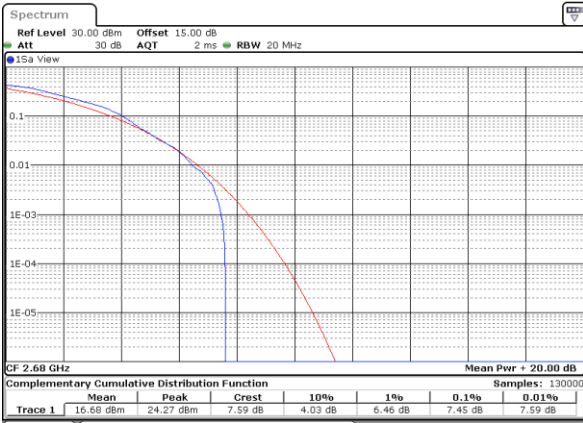
Date: 7,MAR,2023 00:04:57

Middle Channel / Full RB



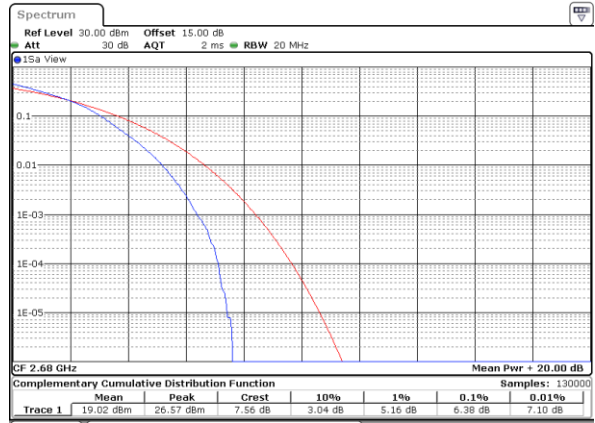
Date: 6,MAR,2023 23:07:25

Highest Channel / 1RB



Date: 6,MAR,2023 23:07:51

Highest Channel / Full RB

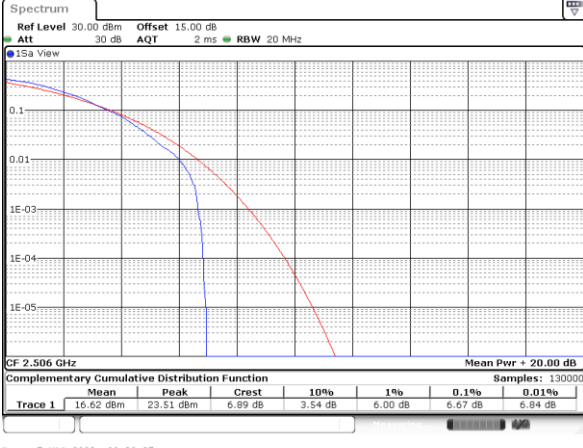


Date: 7,MAR,2023 00:44:20



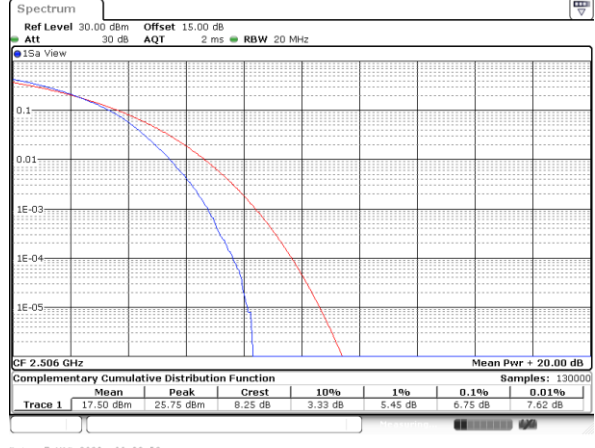
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



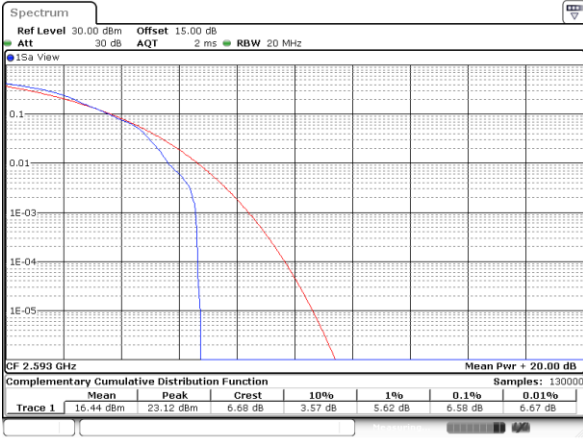
Date: 7\_MAR\_2023 00:30:27

Lowest Channel / Full RB



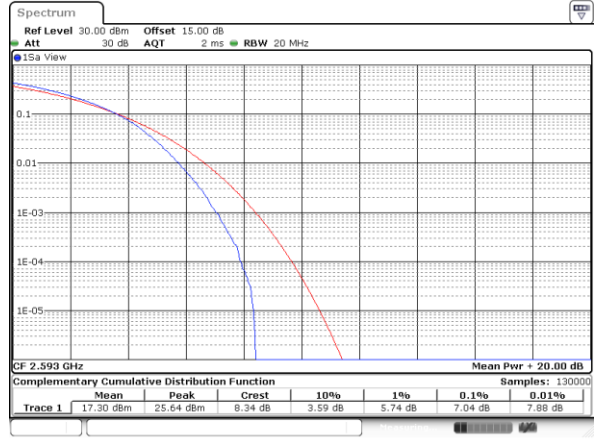
Date: 7\_MAR\_2023 00:32:52

Middle Channel / 1RB



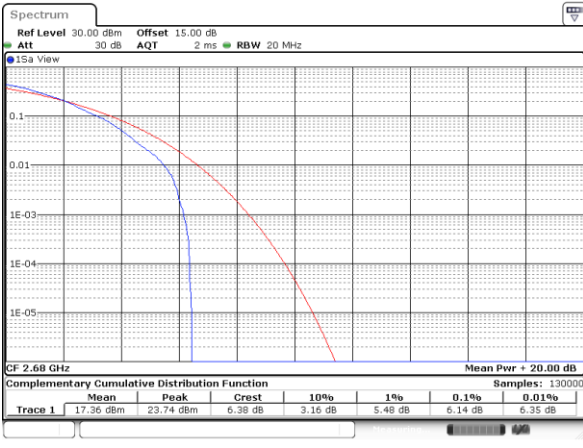
Date: 7\_MAR\_2023 00:36:27

Middle Channel / Full RB



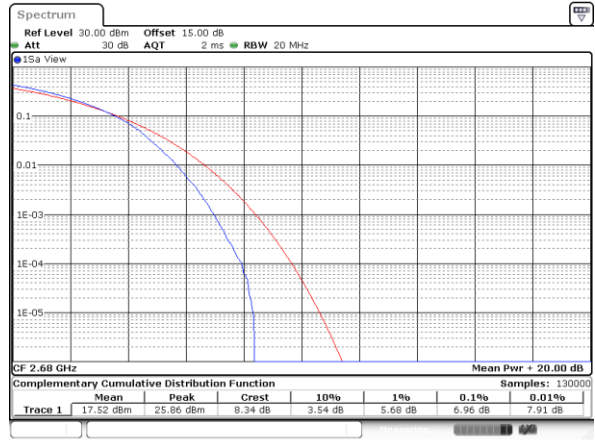
Date: 7\_MAR\_2023 00:37:47

Highest Channel / 1RB



Date: 7\_MAR\_2023 00:40:04

Highest Channel / Full RB



Date: 6\_MAR\_2023 23:05:45





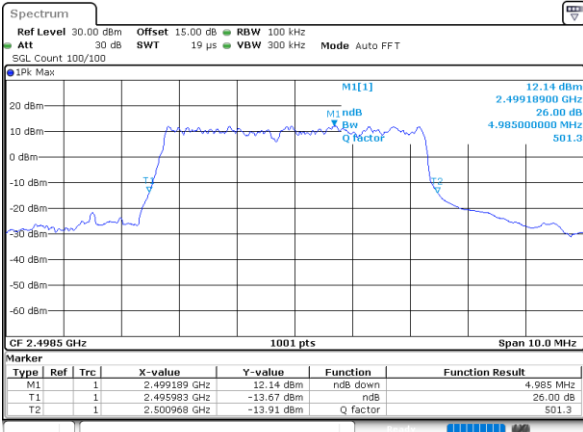
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	NA		NA		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	4.95	9.71	9.67	14.51	14.15	18.66	18.62
Middle CH	-	-	-	-	4.92	4.81	9.63	9.65	14.42	14.24	19.14	18.86
Highest CH	-	-	-	-	4.92	4.91	9.73	9.65	14.21	14.12	18.86	18.62
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	NA		NA		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.87	-	9.79	-	14.36	-	18.82	-
Middle CH	-	-	-	-	4.87	-	9.63	-	14.42	-	18.66	-
Highest CH	-	-	-	-	4.83	-	10.05	-	14.21	-	18.82	-



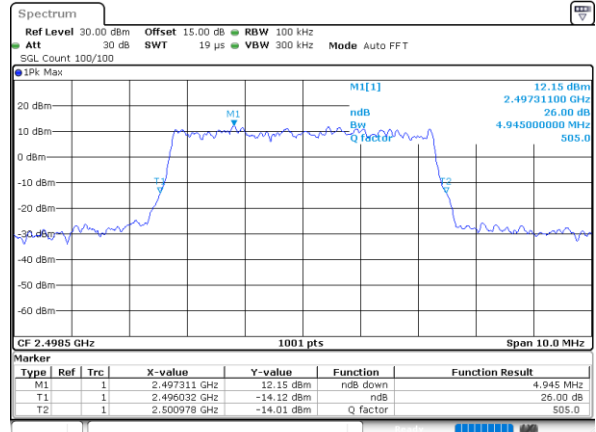
LTE Band 41

Lowest Channel / 5MHz / QPSK



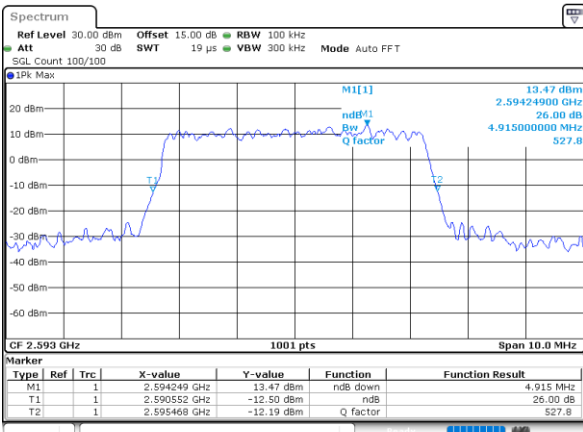
Date: 6.MAR.2023 22:37:51

Lowest Channel / 5MHz / 16QAM



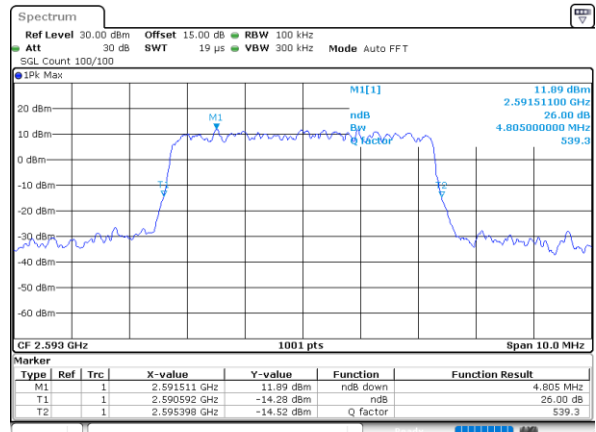
Date: 6.MAR.2023 22:38:15

Middle Channel / 5MHz / QPSK



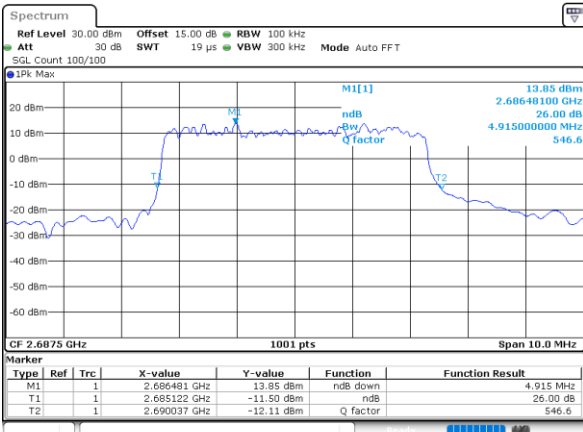
Date: 6.MAR.2023 22:39:25

Middle Channel / 5MHz / 16QAM



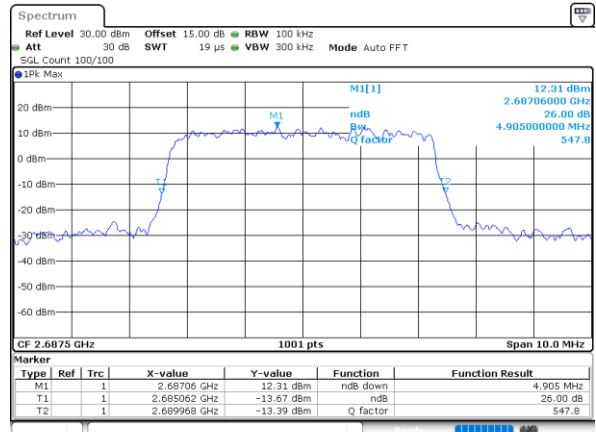
Date: 6.MAR.2023 22:39:48

Highest Channel / 5MHz / QPSK



Date: 6.MAR.2023 22:40:59

Highest Channel / 5MHz / 16QAM

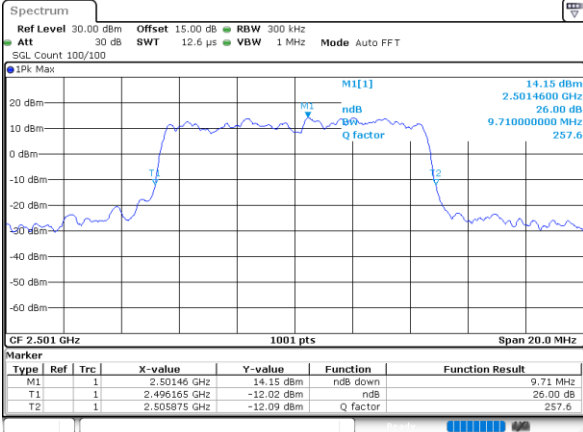


Date: 6.MAR.2023 22:41:23



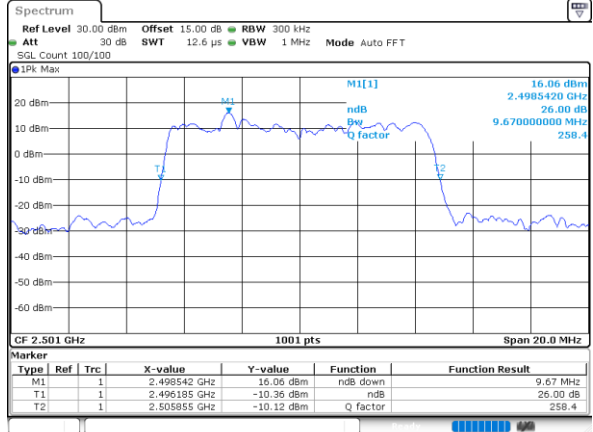
LTE Band 41

Lowest Channel / 10MHz / QPSK



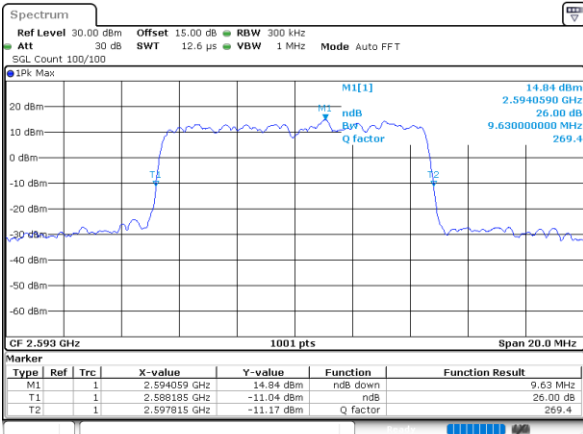
Date: 6.MAR.2023 22:42:35

Lowest Channel / 10MHz / 16QAM



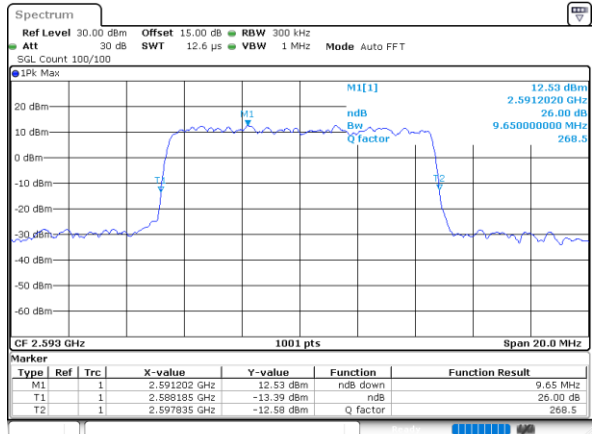
Date: 6.MAR.2023 22:42:58

Middle Channel / 10MHz / QPSK



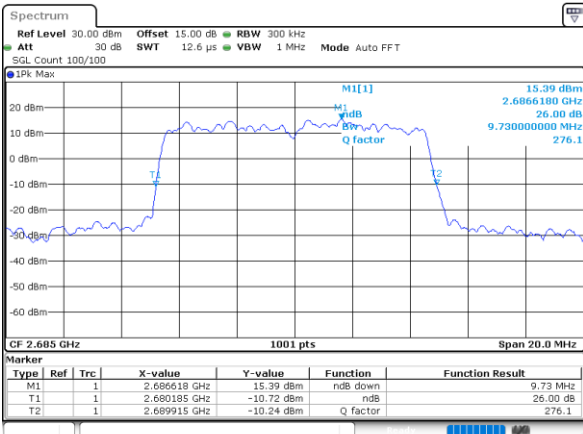
Date: 6.MAR.2023 22:44:08

Middle Channel / 10MHz / 16QAM



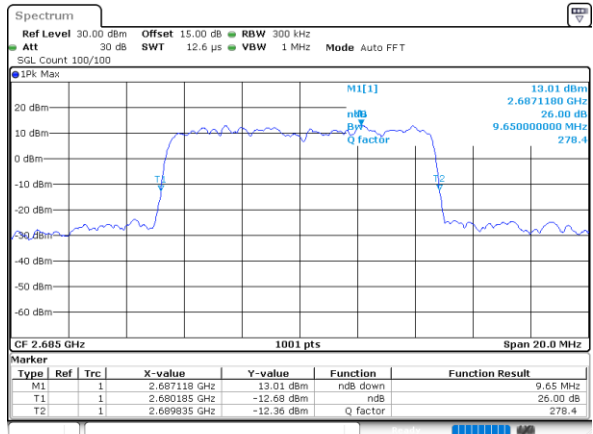
Date: 6.MAR.2023 22:44:31

Highest Channel / 10MHz / QPSK



Date: 6.MAR.2023 22:44:42

Highest Channel / 10MHz / 16QAM

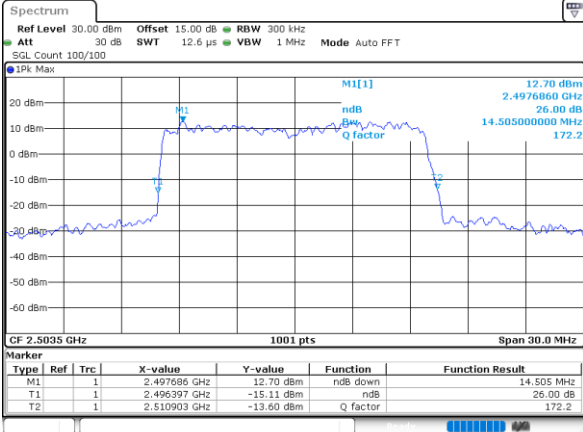


Date: 6.MAR.2023 22:46:06



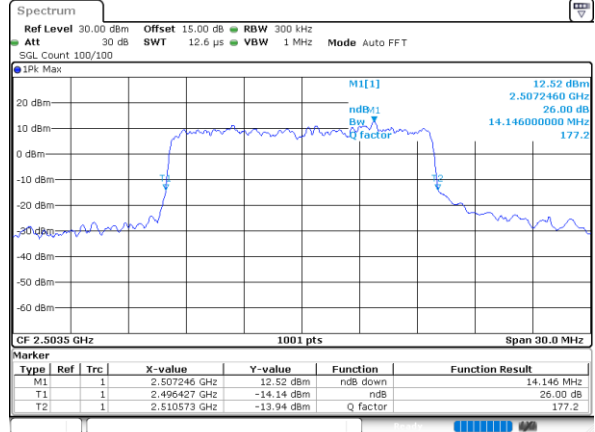
LTE Band 41

Lowest Channel / 15MHz / QPSK



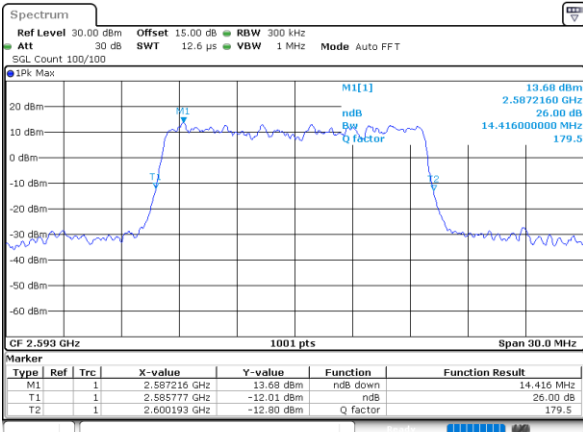
Date: 6.MAR.2023 22:47:18

Lowest Channel / 15MHz / 16QAM



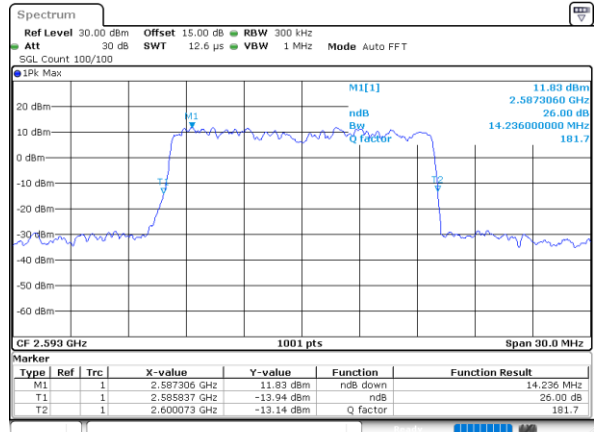
Date: 6.MAR.2023 22:47:42

Middle Channel / 15MHz / QPSK



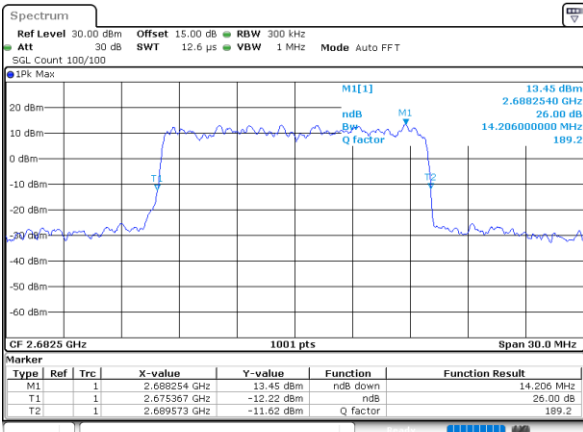
Date: 6.MAR.2023 22:48:53

Middle Channel / 15MHz / 16QAM



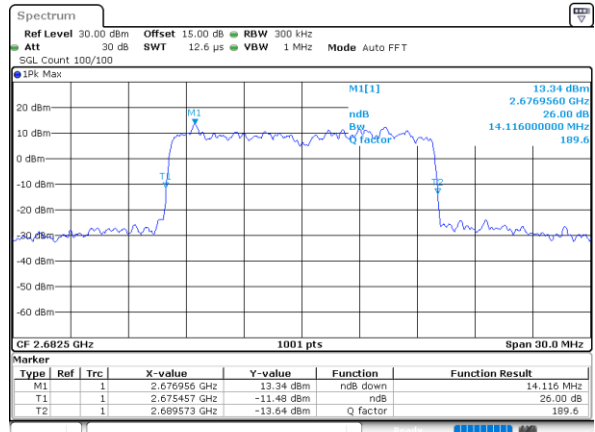
Date: 6.MAR.2023 22:49:16

Highest Channel / 15MHz / QPSK



Date: 6.MAR.2023 22:50:28

Highest Channel / 15MHz / 16QAM

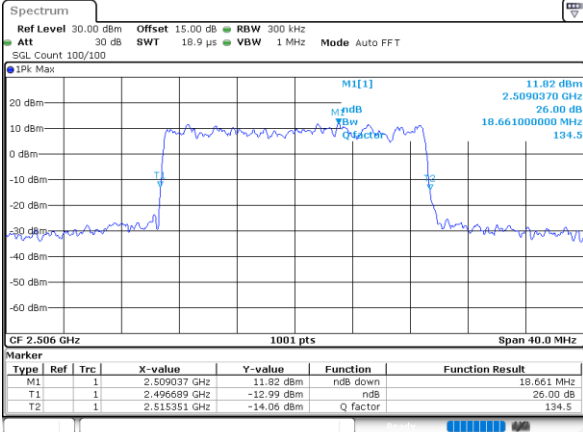


Date: 6.MAR.2023 22:50:52



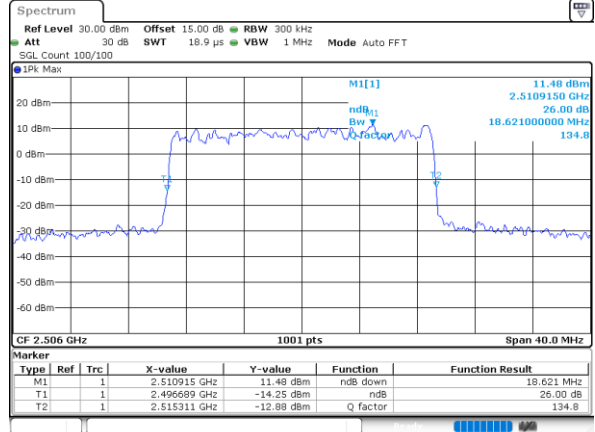
LTE Band 41

Lowest Channel / 20MHz / QPSK



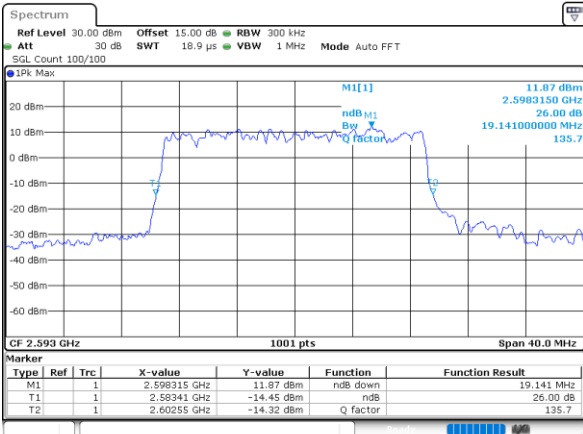
Date: 6.MAR.2023 22:52:03

Lowest Channel / 20MHz / 16QAM



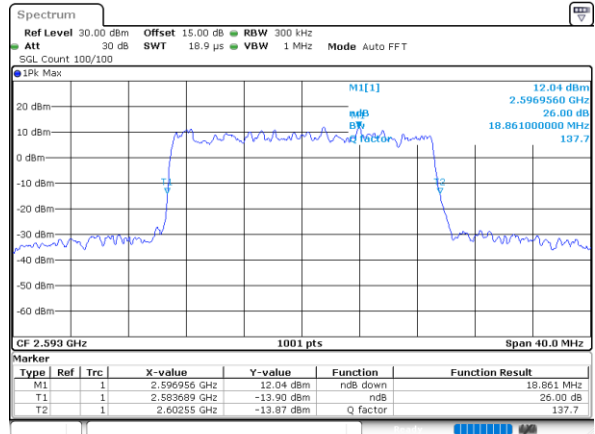
Date: 6.MAR.2023 22:52:27

Middle Channel / 20MHz / QPSK



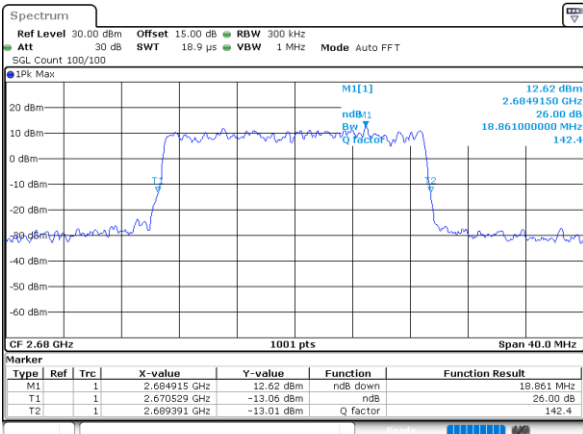
Date: 6.MAR.2023 22:53:37

Middle Channel / 20MHz / 16QAM



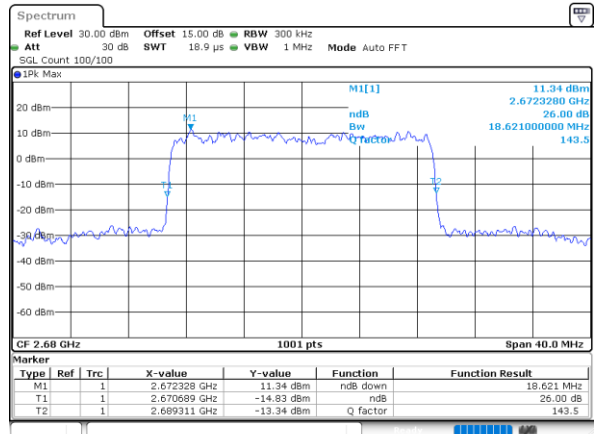
Date: 6.MAR.2023 22:54:00

Highest Channel / 20MHz / QPSK



Date: 6.MAR.2023 22:55:11

Highest Channel / 20MHz / 16QAM

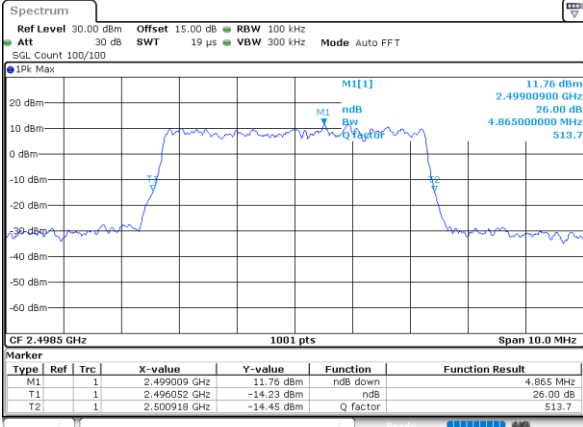


Date: 6.MAR.2023 22:55:35



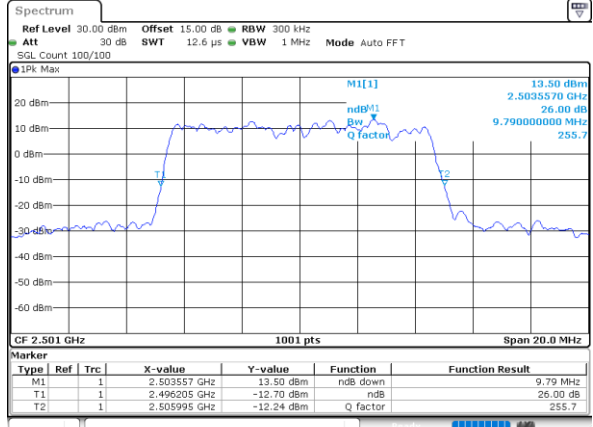
LTE Band 41

Lowest Channel / 5MHz / 64QAM



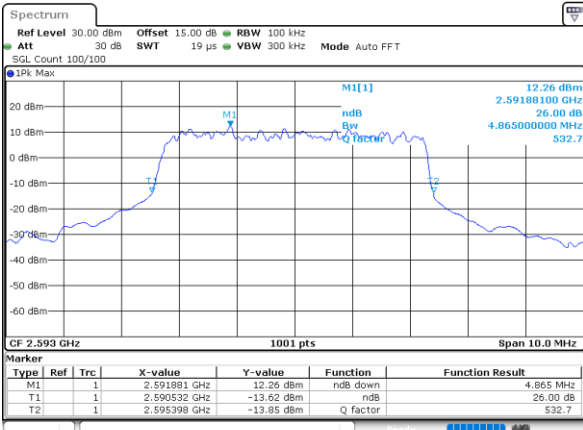
Date: 6.MAR.2023 22:56:14

Lowest Channel / 10MHz / 64QAM



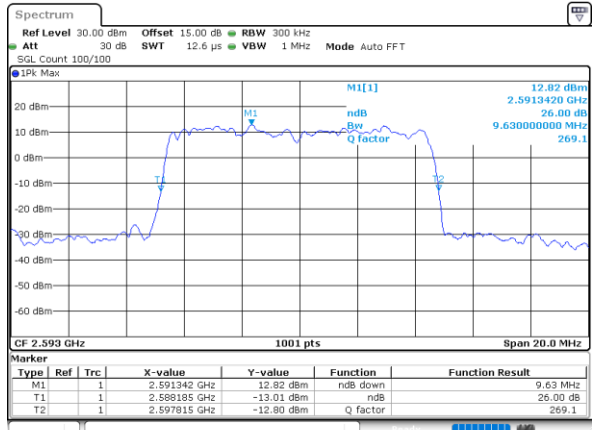
Date: 6.MAR.2023 22:58:08

Middle Channel / 5MHz / 64QAM



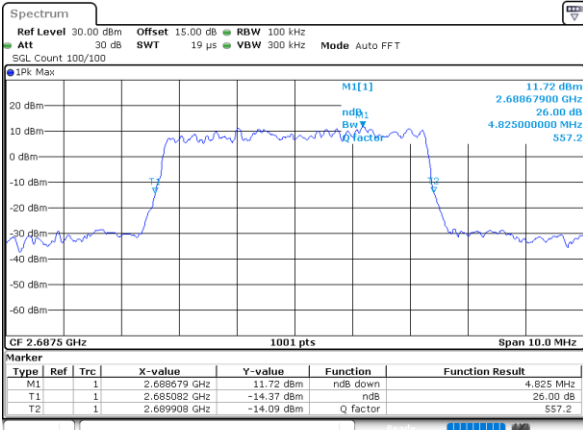
Date: 6.MAR.2023 22:56:52

Middle Channel / 10MHz / 64QAM



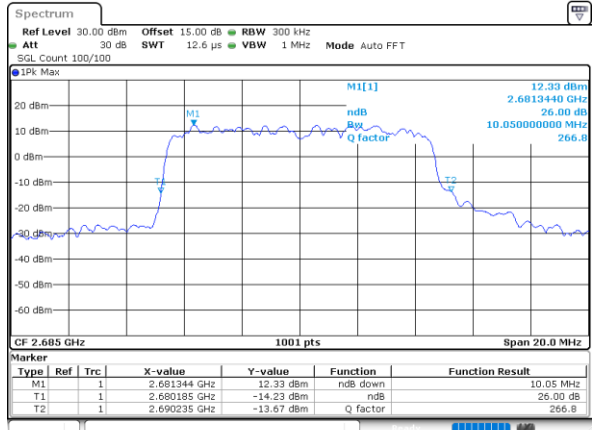
Date: 6.MAR.2023 22:58:46

Highest Channel / 5MHz / 64QAM



Date: 6.MAR.2023 22:57:30

Highest Channel / 10MHz / 64QAM

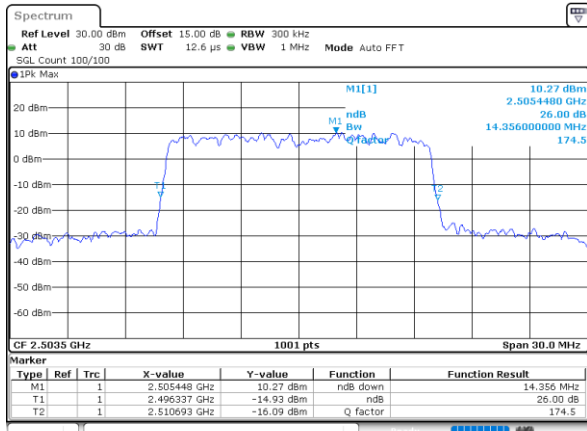


Date: 6.MAR.2023 22:59:24



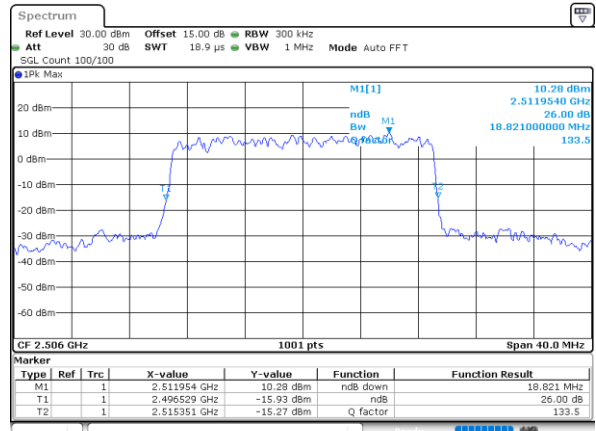
LTE Band 41

Lowest Channel / 15MHz / 64QAM



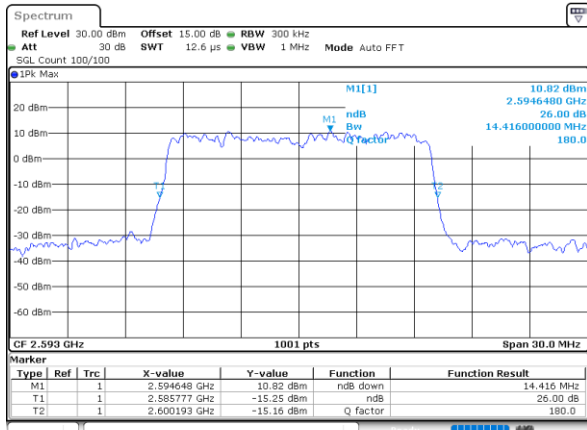
Date: 6.MAR.2023 23:00:03

Lowest Channel / 20MHz / 64QAM



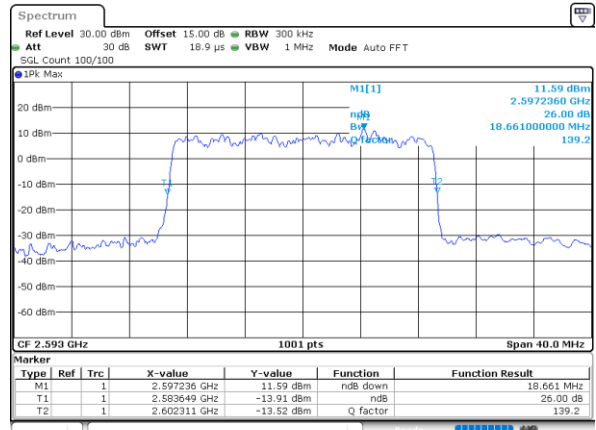
Date: 6.MAR.2023 23:01:58

Middle Channel / 15MHz / 64QAM



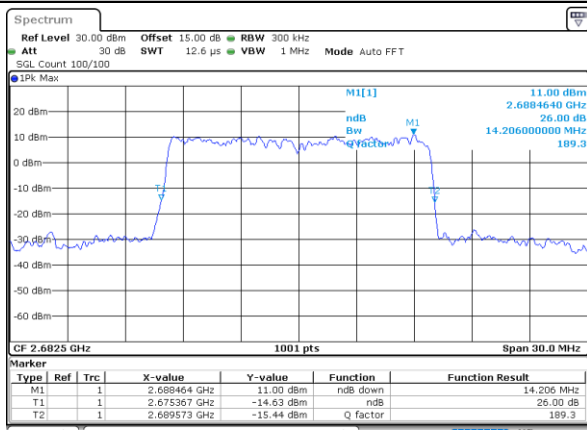
Date: 6.MAR.2023 23:00:41

Middle Channel / 20MHz / 64QAM



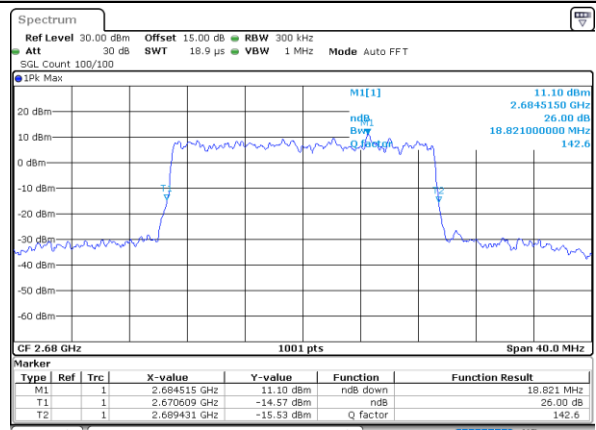
Date: 6.MAR.2023 23:02:35

Highest Channel / 15MHz / 64QAM



Date: 6.MAR.2023 23:01:19

Highest Channel / 20MHz / 64QAM



Date: 6.MAR.2023 23:03:14



**Occupied Bandwidth**

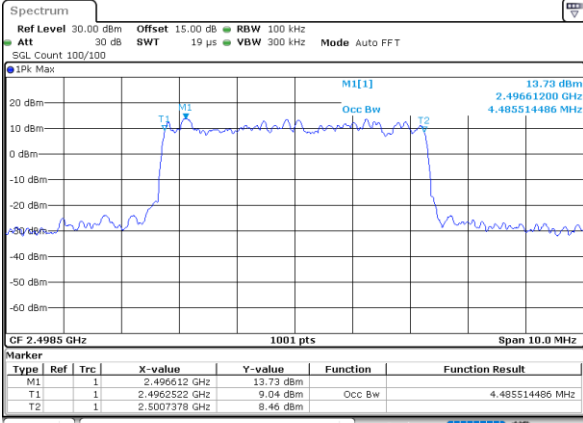
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	NA		NA		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.51	9.07	9.07	13.43	13.40	17.82	17.90
Middle CH	-	-	-	-	4.49	4.50	9.01	8.97	13.43	13.37	17.86	17.86
Highest CH	-	-	-	-	4.49	4.49	9.03	8.99	13.52	13.43	17.94	17.86
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	NA		NA		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.48	-	9.03	-	13.46	-	17.94	-
Middle CH	-	-	-	-	4.50	-	9.07	-	13.49	-	17.94	-
Highest CH	-	-	-	-	4.52	-	9.01	-	13.40	-	17.90	-





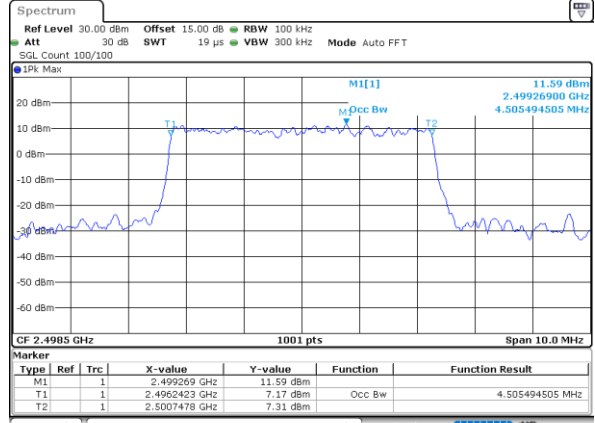
LTE Band 41

Lowest Channel / 5MHz / QPSK



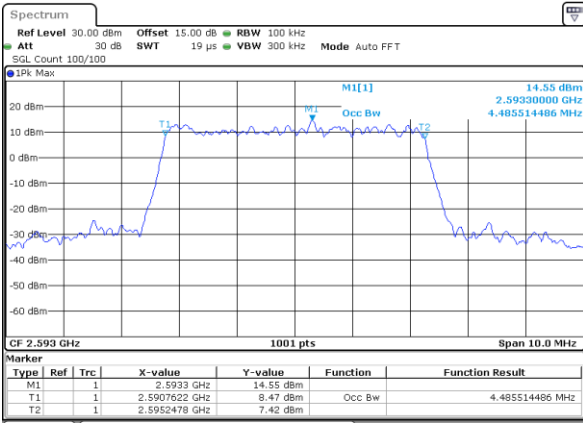
Date: 6.MAR.2023 22:37:04

Lowest Channel / 5MHz / 16QAM



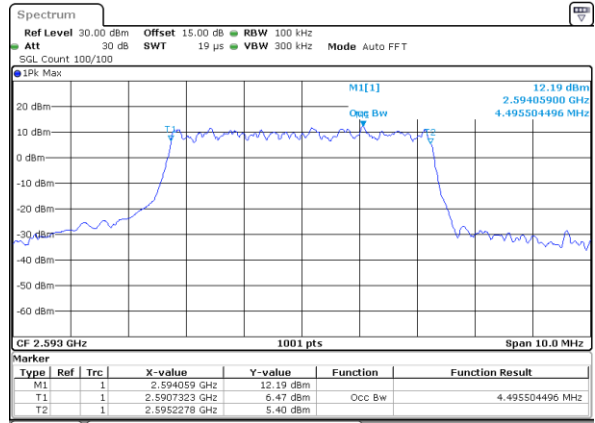
Date: 6.MAR.2023 22:37:28

Middle Channel / 5MHz / QPSK



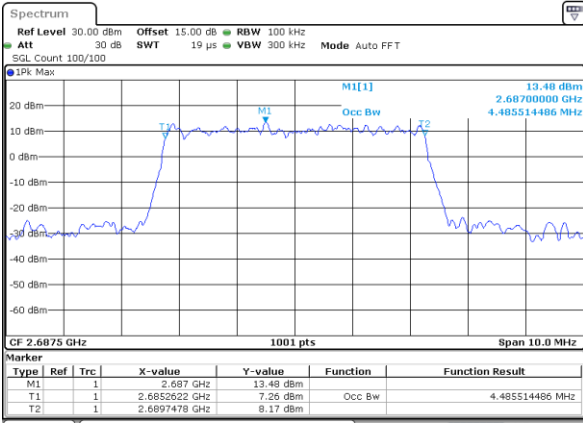
Date: 6.MAR.2023 22:38:39

Middle Channel / 5MHz / 16QAM



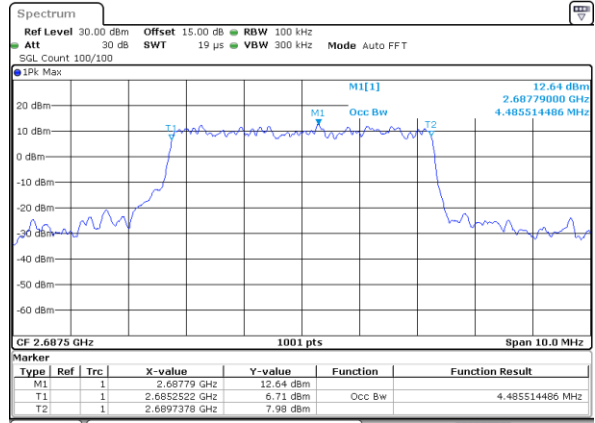
Date: 6.MAR.2023 22:39:02

Highest Channel / 5MHz / QPSK



Date: 6.MAR.2023 22:40:12

Highest Channel / 5MHz / 16QAM

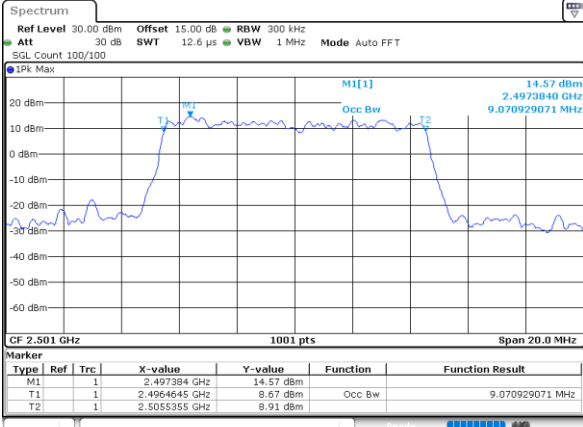


Date: 6.MAR.2023 22:40:35



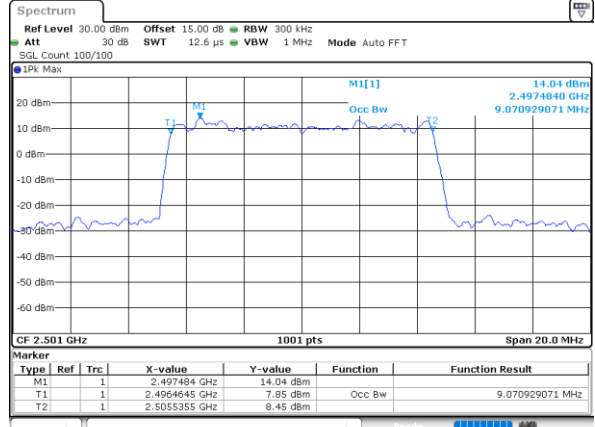
LTE Band 41

Lowest Channel / 10MHz / QPSK



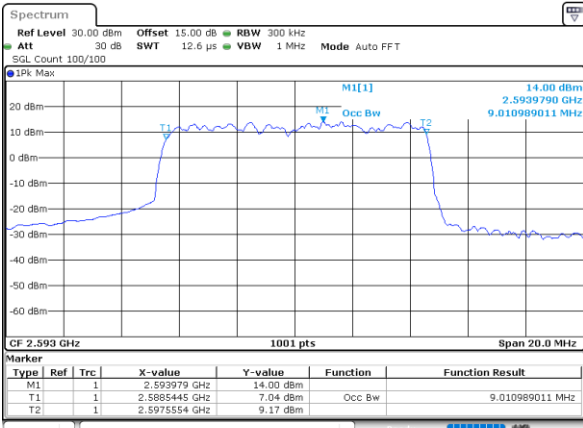
Date: 6.MAR.2023 22:41:47

Lowest Channel / 10MHz / 16QAM



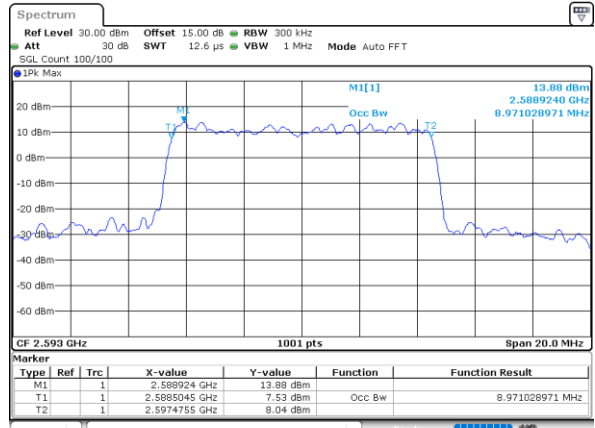
Date: 6.MAR.2023 22:42:11

Middle Channel / 10MHz / QPSK



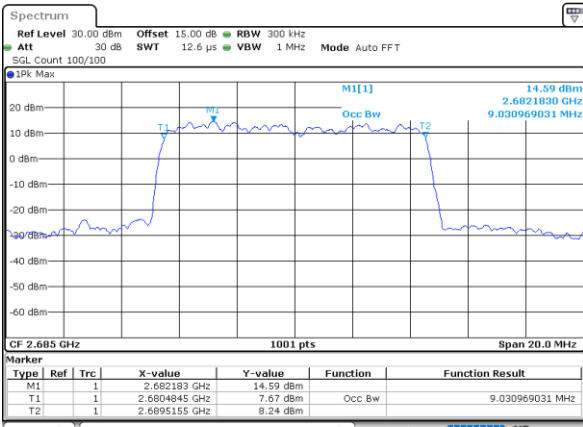
Date: 6.MAR.2023 22:43:22

Middle Channel / 10MHz / 16QAM



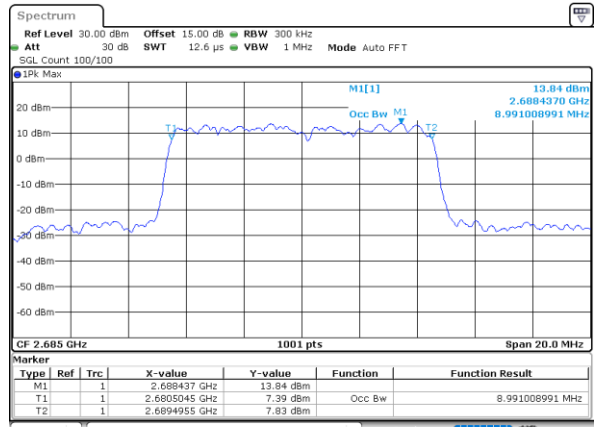
Date: 6.MAR.2023 22:43:45

Highest Channel / 10MHz / QPSK



Date: 6.MAR.2023 22:44:55

Highest Channel / 10MHz / 16QAM

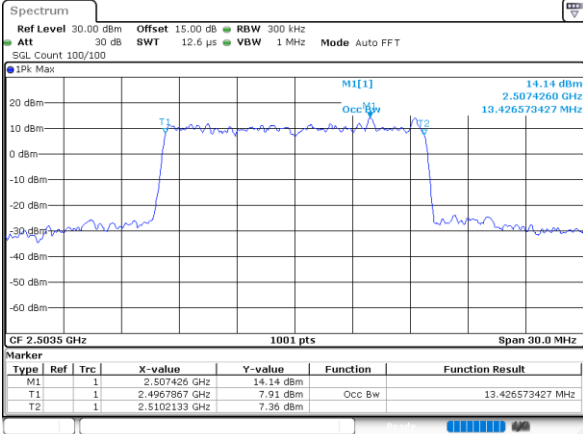


Date: 6.MAR.2023 22:45:19



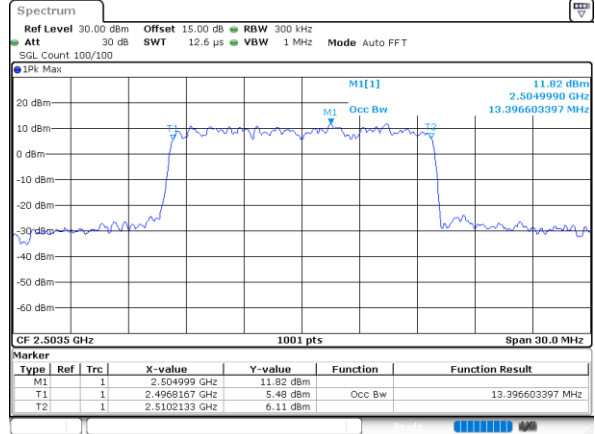
LTE Band 41

Lowest Channel / 15MHz / QPSK



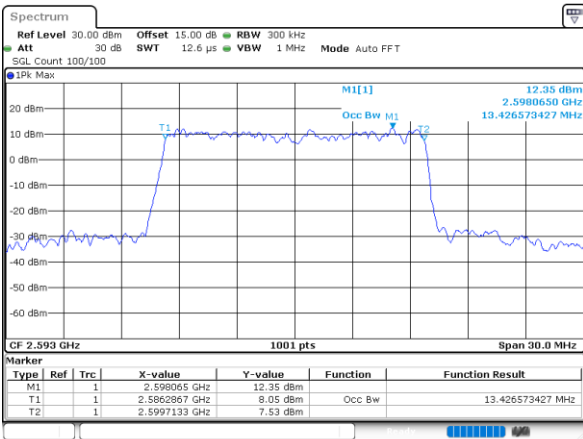
Date: 6.MAR.2023 22:46:30

Lowest Channel / 15MHz / 16QAM



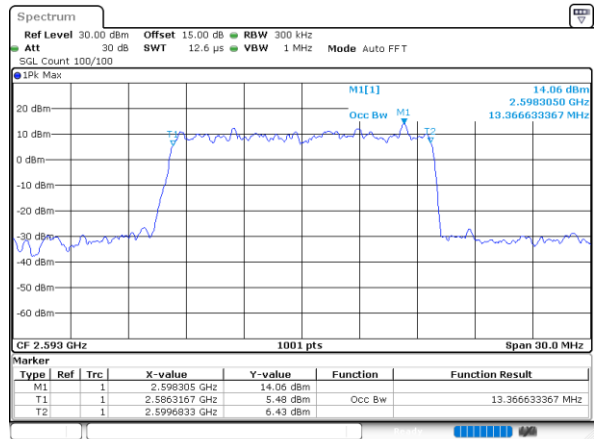
Date: 6.MAR.2023 22:46:54

Middle Channel / 15MHz / QPSK



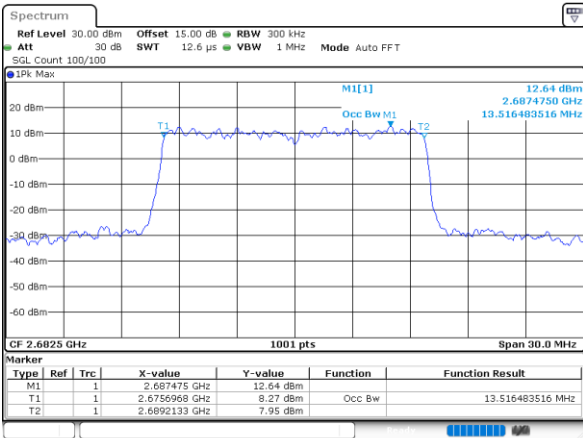
Date: 6.MAR.2023 22:48:06

Middle Channel / 15MHz / 16QAM



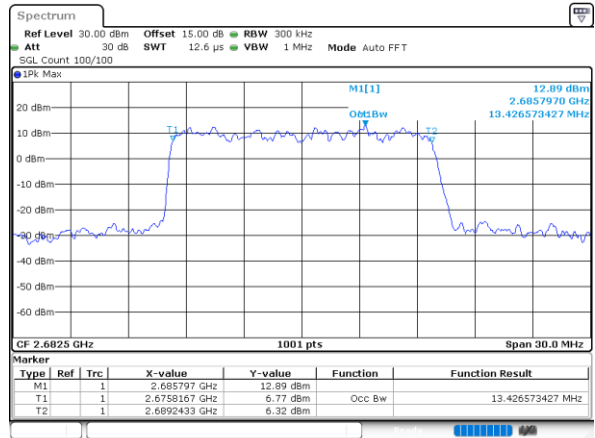
Date: 6.MAR.2023 22:48:30

Highest Channel / 15MHz / QPSK



Date: 6.MAR.2023 22:49:40

Highest Channel / 15MHz / 16QAM

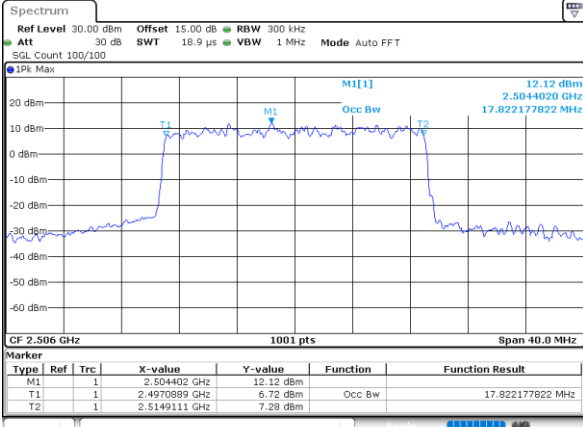


Date: 6.MAR.2023 22:50:04



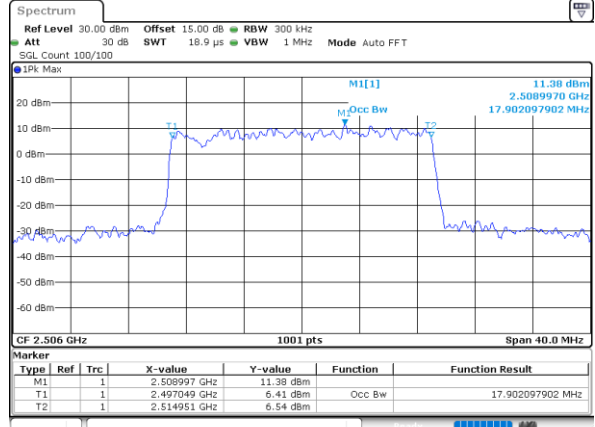
LTE Band 41

Lowest Channel / 20MHz / QPSK



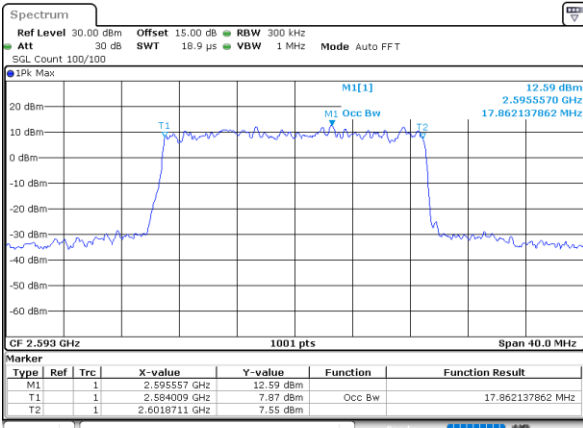
Date: 6.MAR.2023 22:51:16

Lowest Channel / 20MHz / 16QAM



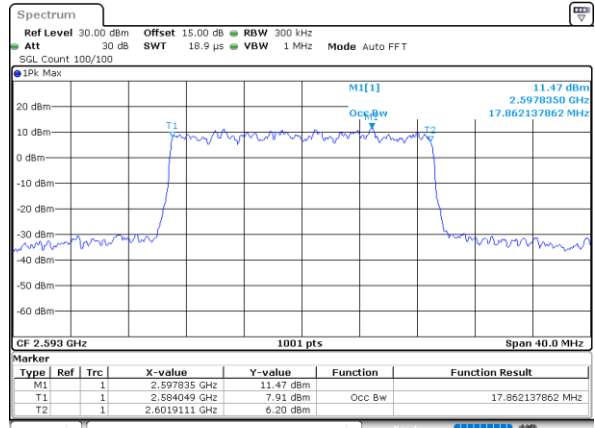
Date: 6.MAR.2023 22:51:40

Middle Channel / 20MHz / QPSK



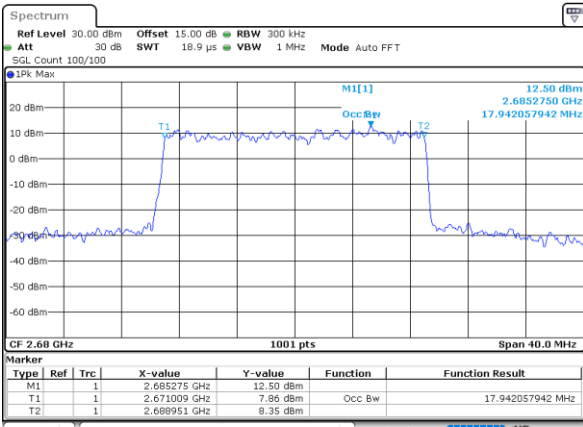
Date: 6.MAR.2023 22:52:50

Middle Channel / 20MHz / 16QAM



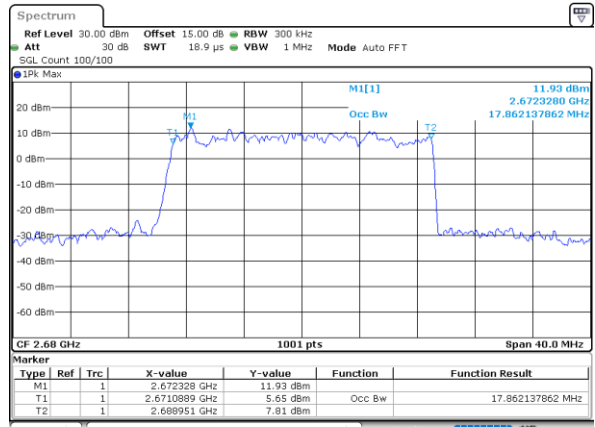
Date: 6.MAR.2023 22:53:14

Highest Channel / 20MHz / QPSK



Date: 6.MAR.2023 22:54:24

Highest Channel / 20MHz / 16QAM

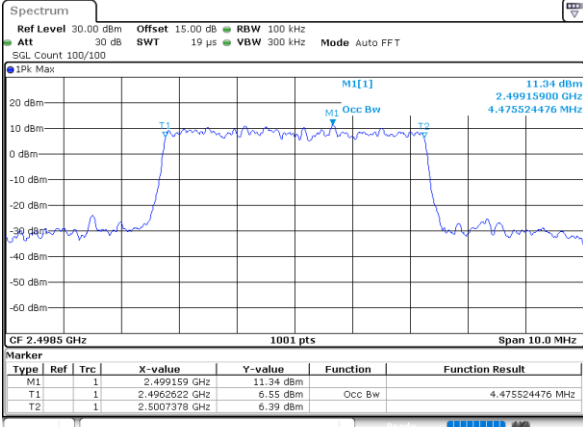


Date: 6.MAR.2023 22:54:47



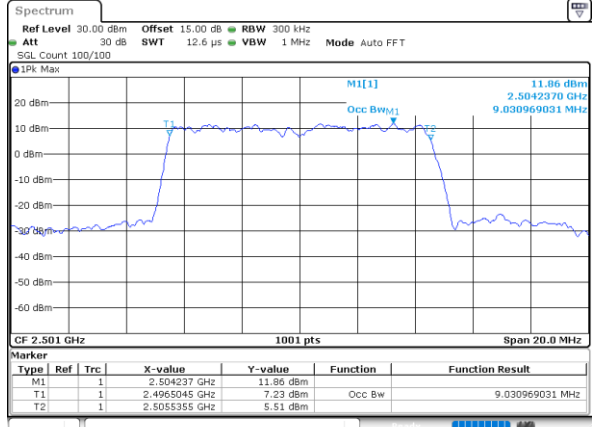
LTE Band 41

Lowest Channel / 5MHz / 64QAM



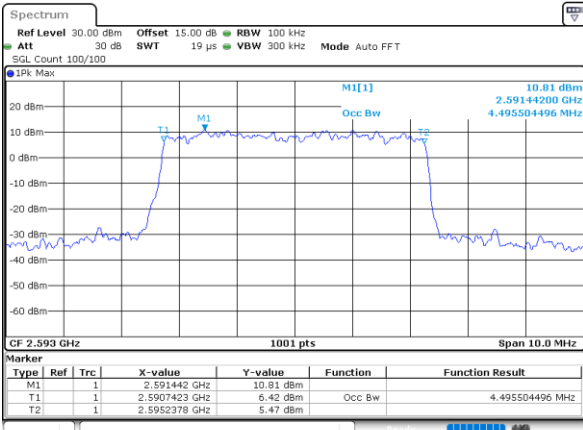
Date: 6.MAR.2023 22:55:59

Lowest Channel / 10MHz / 64QAM



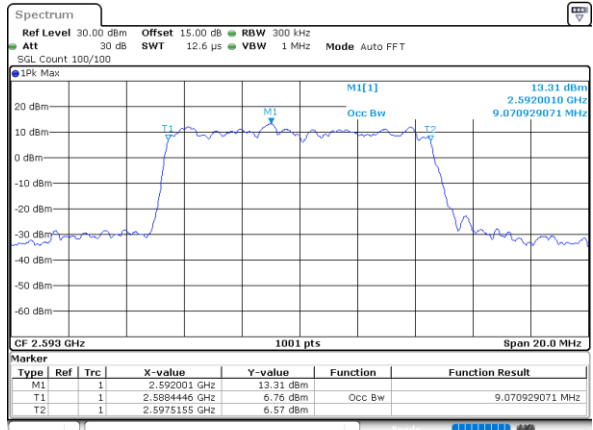
Date: 6.MAR.2023 22:57:54

Middle Channel / 5MHz / 64QAM



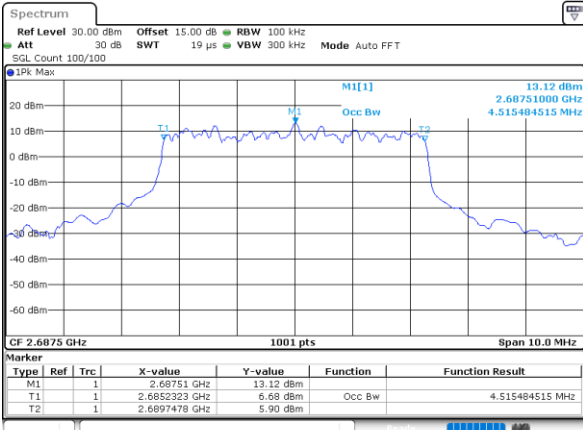
Date: 6.MAR.2023 22:56:37

Middle Channel / 10MHz / 64QAM



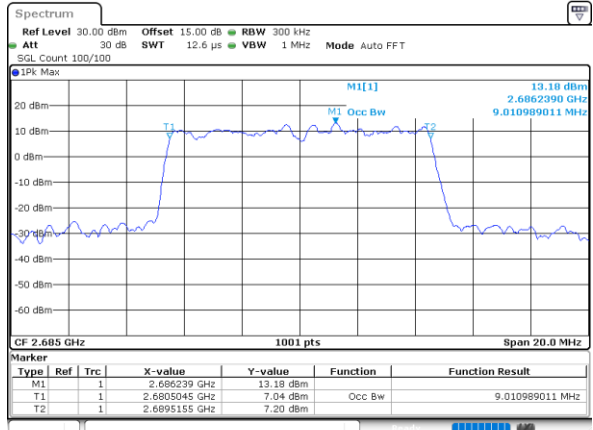
Date: 6.MAR.2023 22:58:32

Highest Channel / 5MHz / 64QAM



Date: 6.MAR.2023 22:57:15

Highest Channel / 10MHz / 64QAM

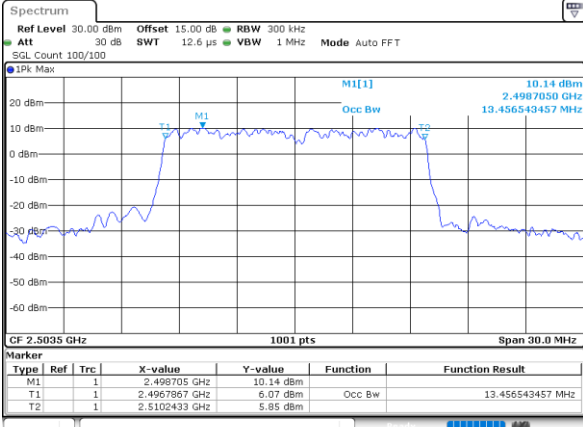


Date: 6.MAR.2023 22:59:10



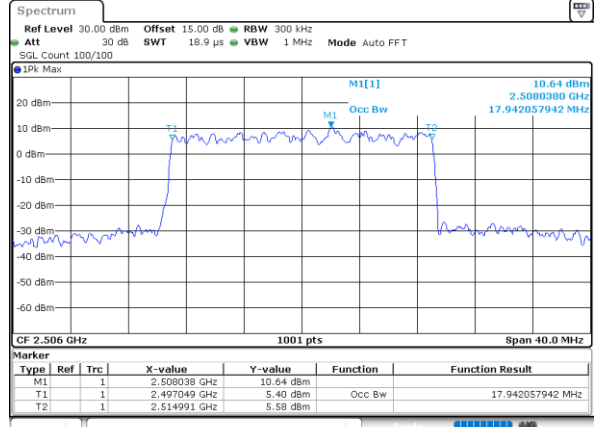
LTE Band 41

Lowest Channel / 15MHz / 64QAM



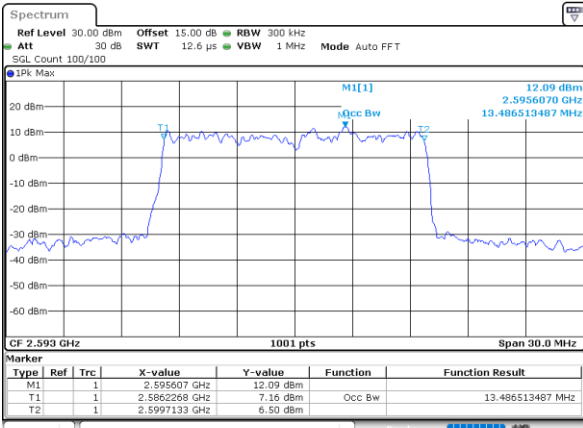
Date: 6.MAR.2023 22:59:48

Lowest Channel / 20MHz / 64QAM



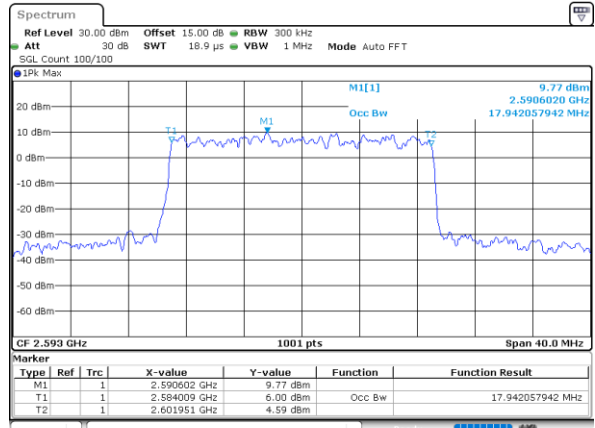
Date: 6.MAR.2023 23:01:43

Middle Channel / 15MHz / 64QAM



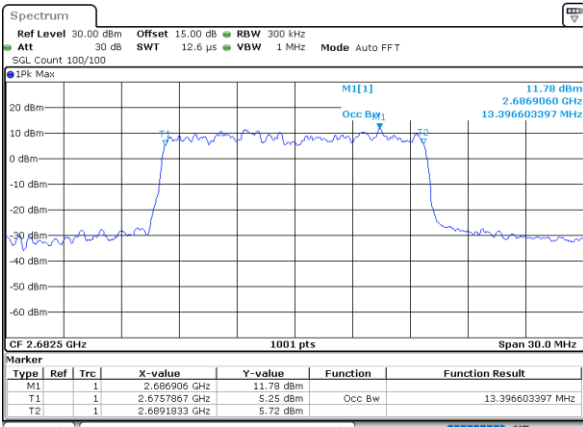
Date: 6.MAR.2023 23:00:26

Middle Channel / 20MHz / 64QAM



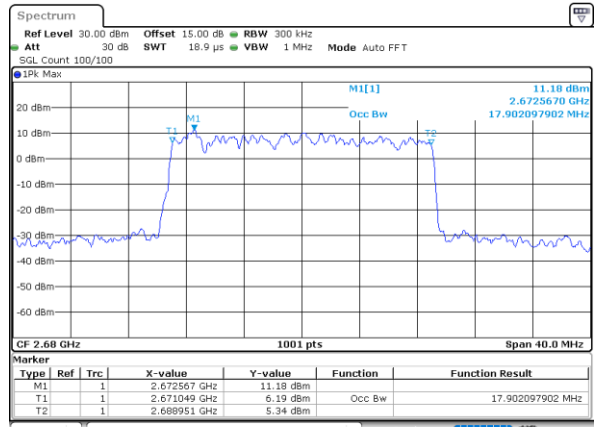
Date: 6.MAR.2023 23:02:21

Highest Channel / 15MHz / 64QAM



Date: 6.MAR.2023 23:01:04

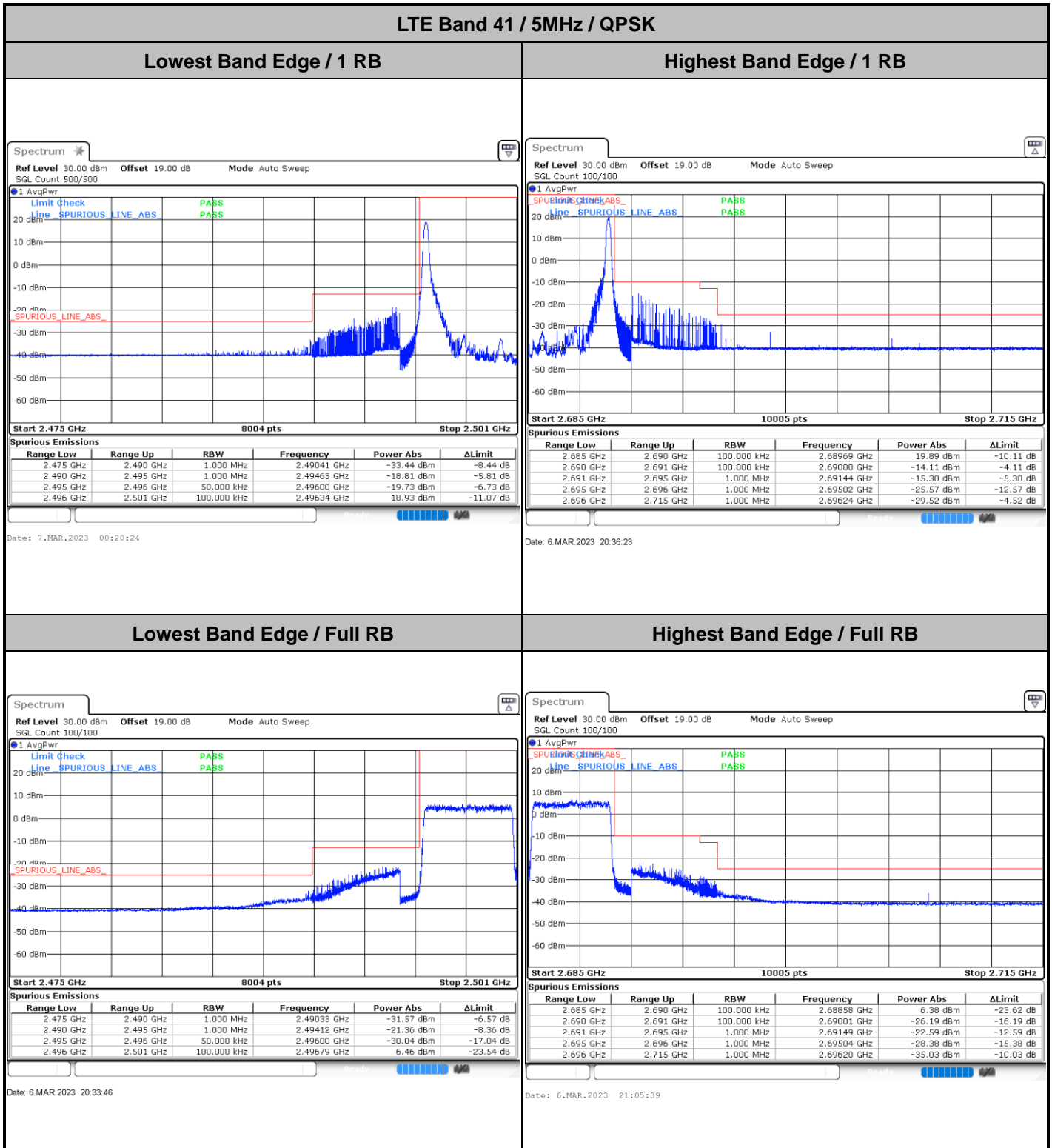
Highest Channel / 20MHz / 64QAM



Date: 6.MAR.2023 23:02:59



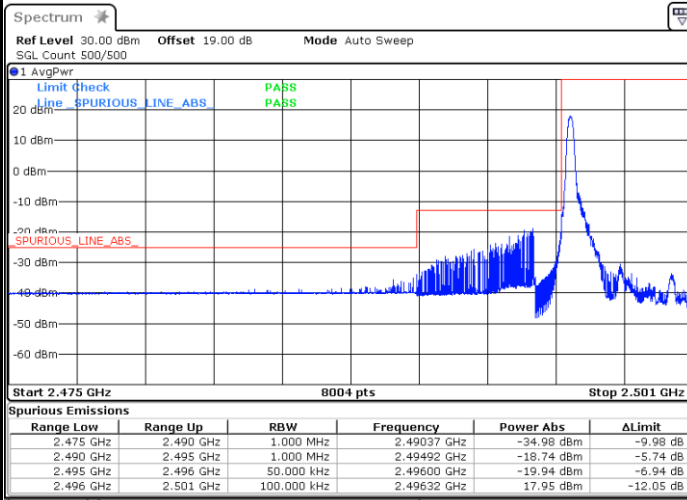
# Conducted Band Edge





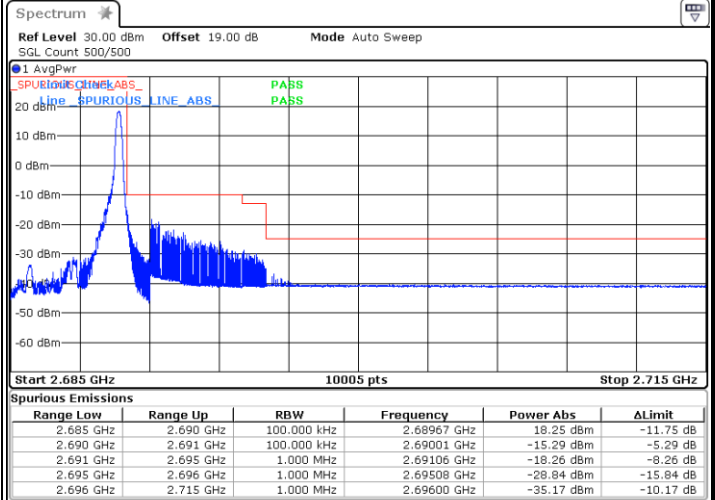
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



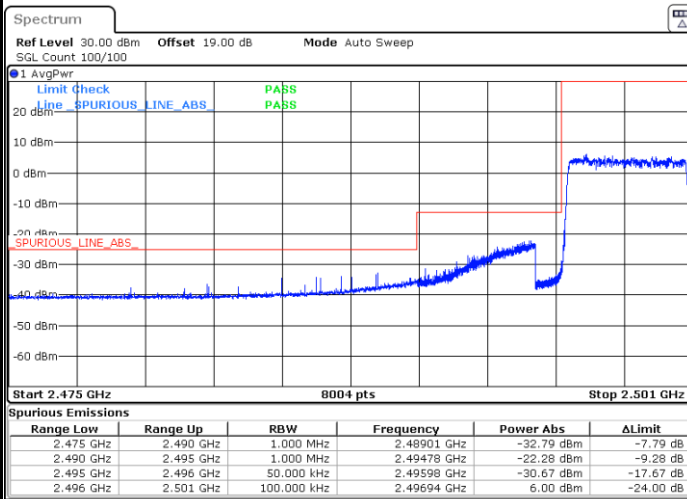
Date: 7.MAR.2023 00:18:02

Highest Band Edge / 1 RB



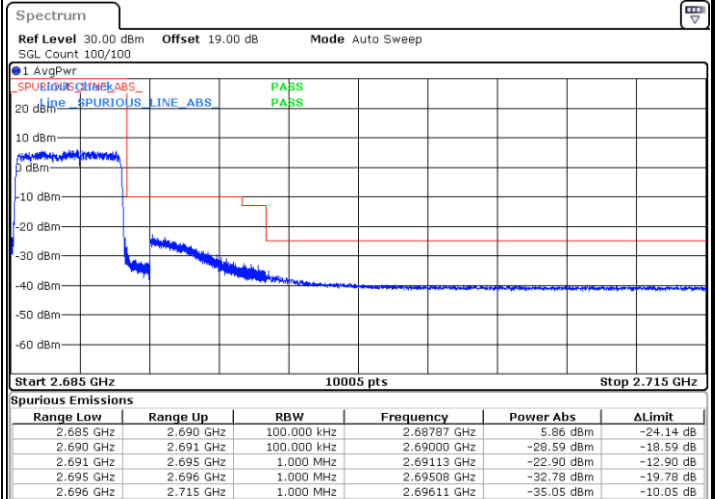
Date: 7.MAR.2023 00:23:48

Lowest Band Edge / Full RB



Date: 6 MAR 2023 20:34:47

Highest Band Edge / Full RB



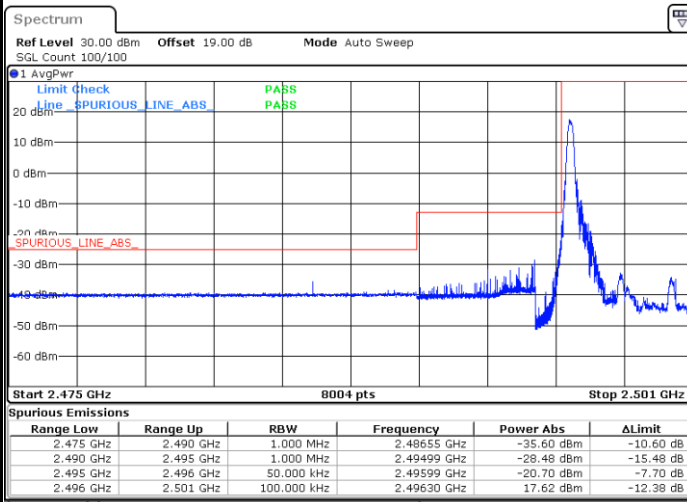
Date: 6.MAR.2023 21:06:40





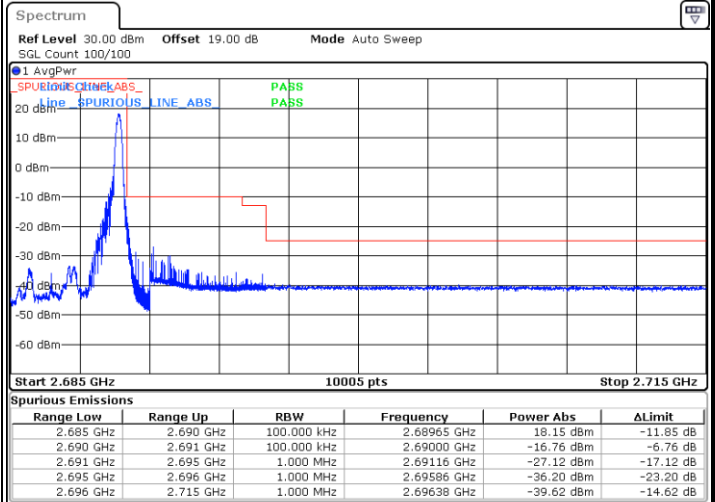
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



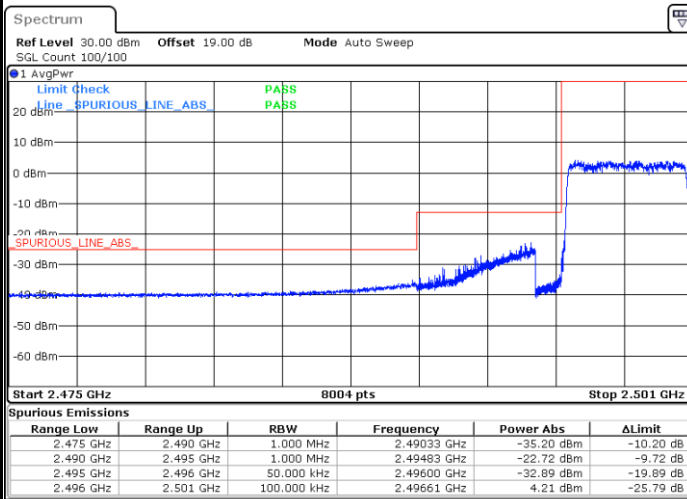
Date: 6.MAR.2023 21:07:41

Highest Band Edge / 1 RB



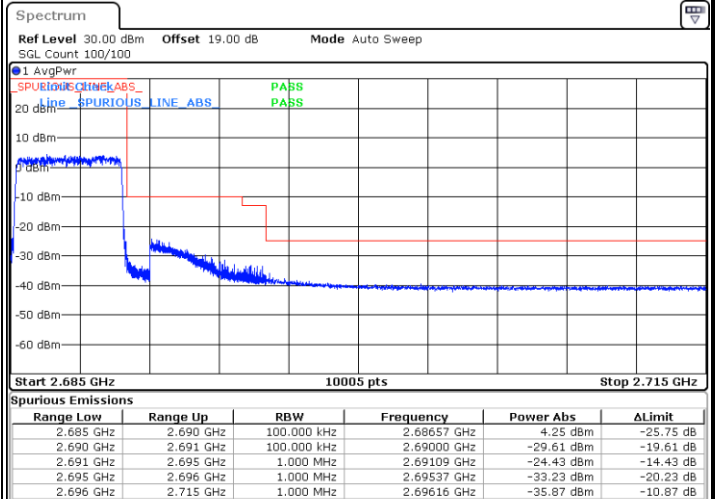
Date: 6.MAR.2023 21:09:44

Lowest Band Edge / Full RB



Date: 6.MAR.2023 21:08:43

Highest Band Edge / Full RB

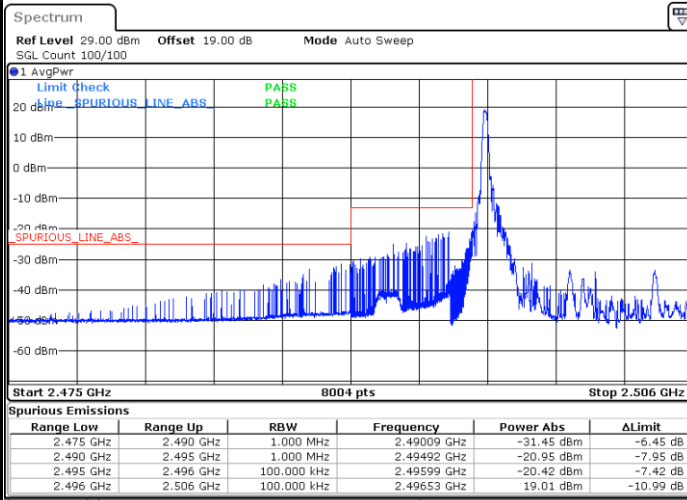


Date: 6.MAR.2023 21:10:44



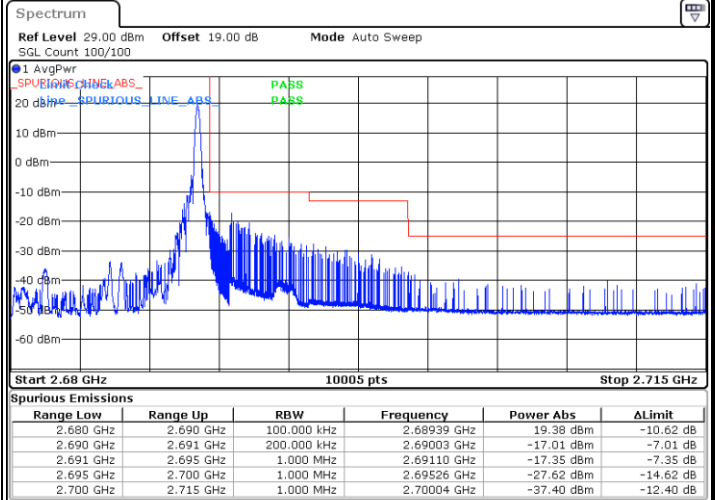
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



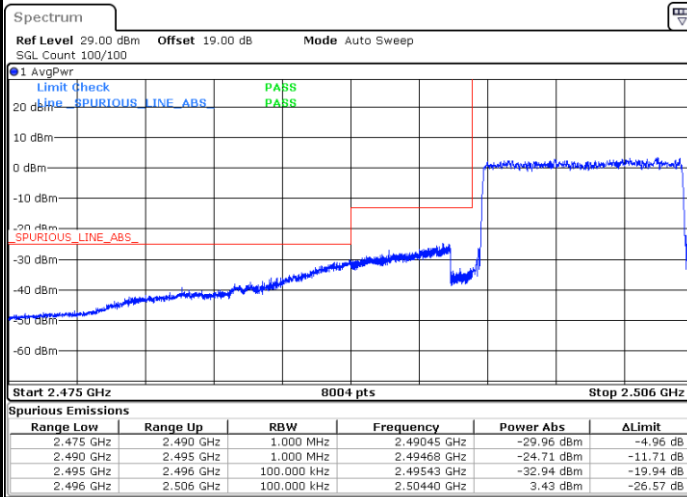
Date: 6.MAR.2023 22:20:03

Highest Band Edge / 1 RB



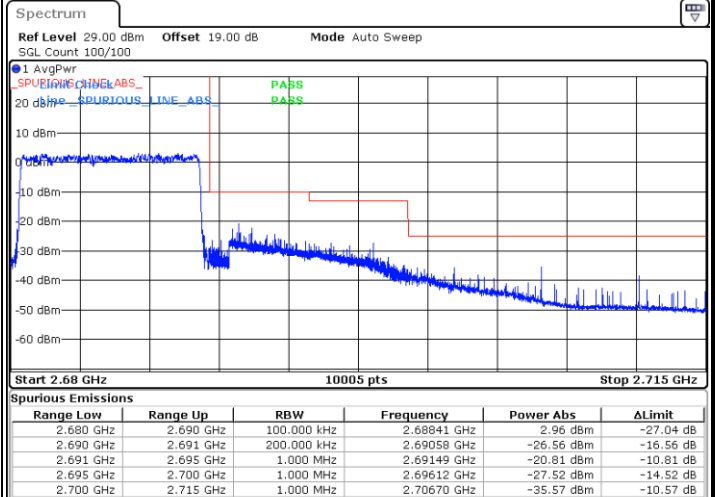
Date: 6.MAR.2023 22:35:47

Lowest Band Edge / Full RB



Date: 6.MAR.2023 22:23:55

Highest Band Edge / Full RB

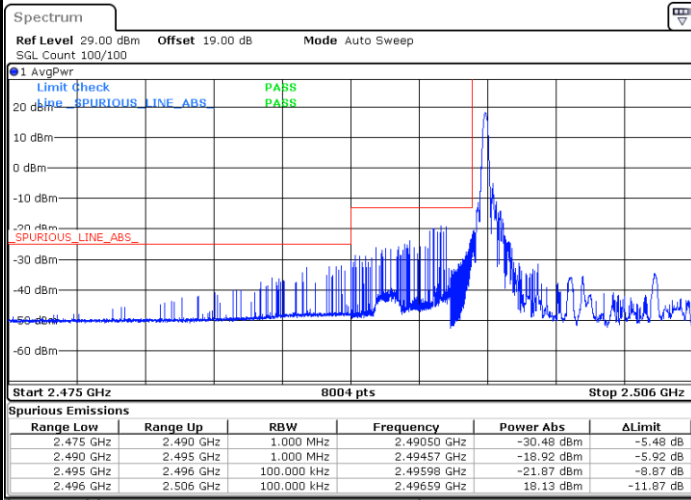


Date: 6.MAR.2023 23:11:41



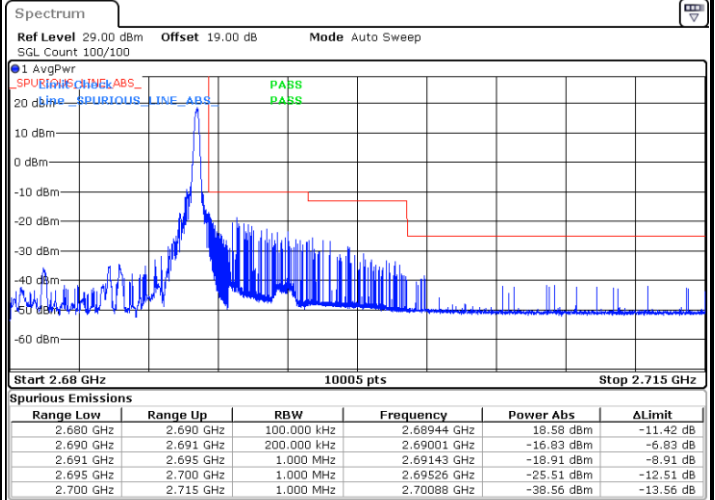
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



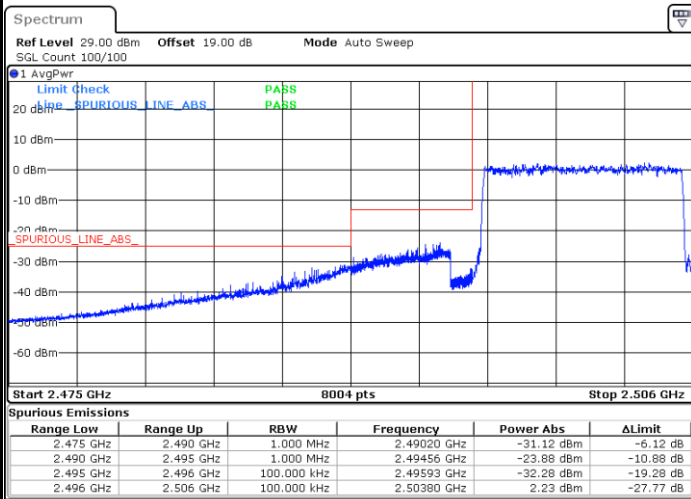
Date: 6.MAR.2023 22:22:55

Highest Band Edge / 1 RB



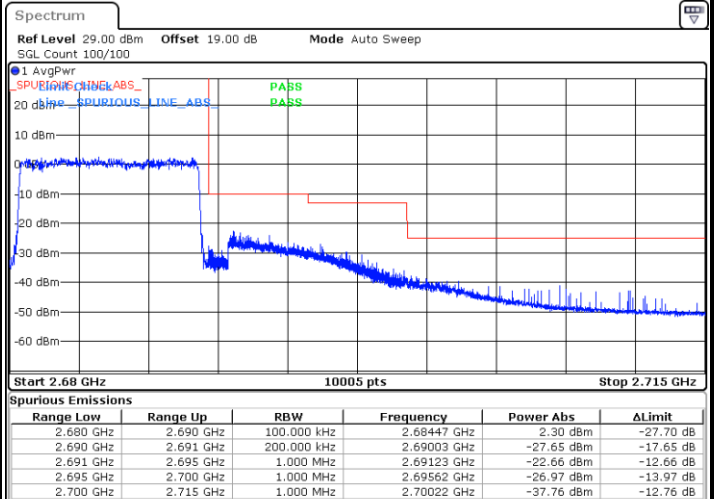
Date: 6.MAR.2023 22:36:39

Lowest Band Edge / Full RB



Date: 6.MAR.2023 22:24:58

Highest Band Edge / Full RB



Date: 6.MAR.2023 23:12:33