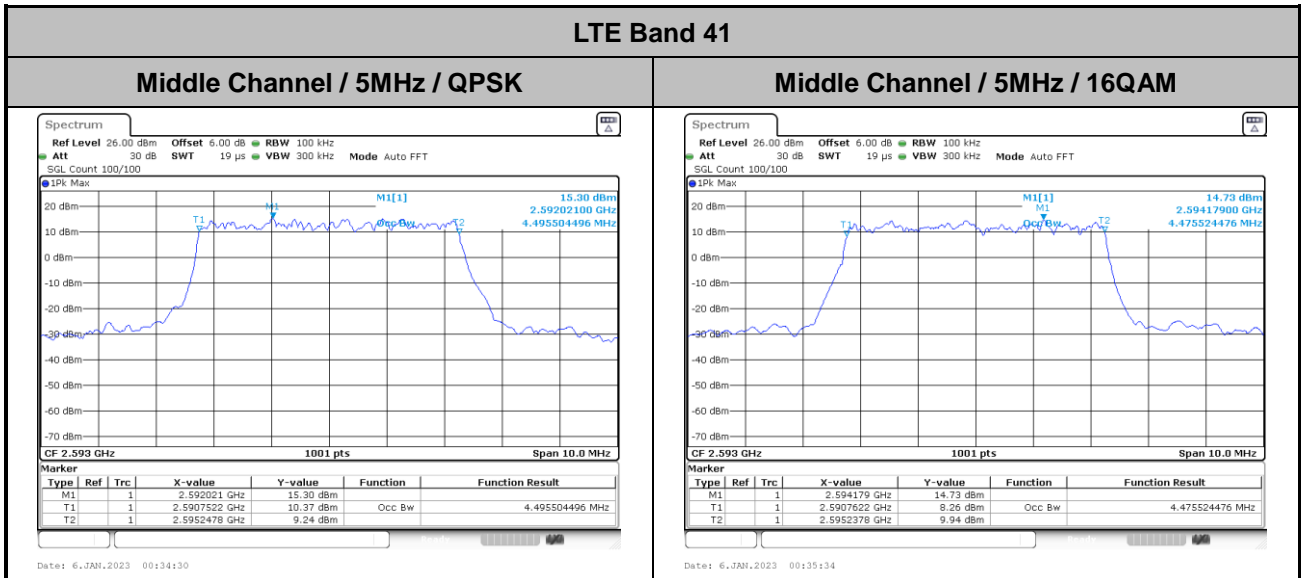




Occupied Bandwidth

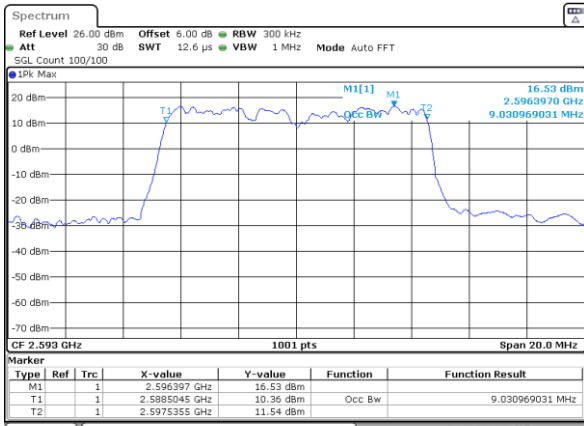
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.52
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.50	18.58





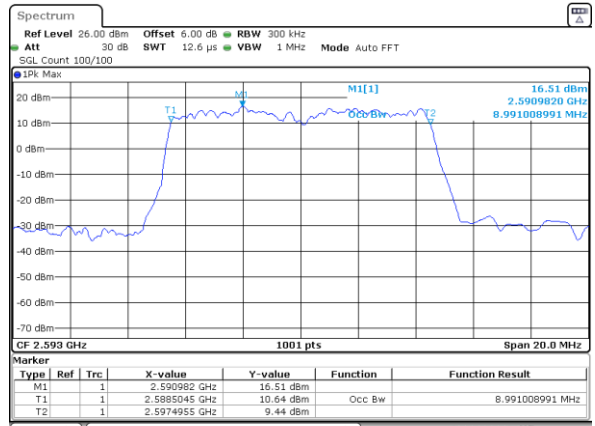
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 6.JAN.2023 00:17:01

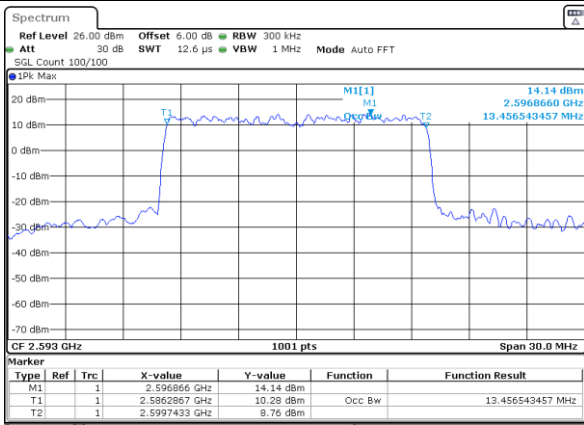
Middle Channel / 10MHz / 16QAM



Date: 6.JAN.2023 00:15:57

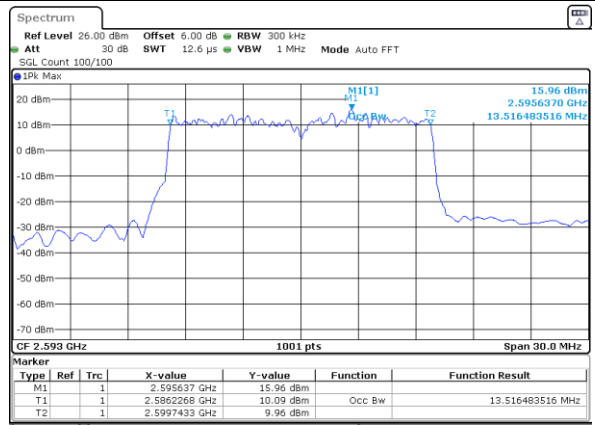
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 6.JAN.2023 00:17:24

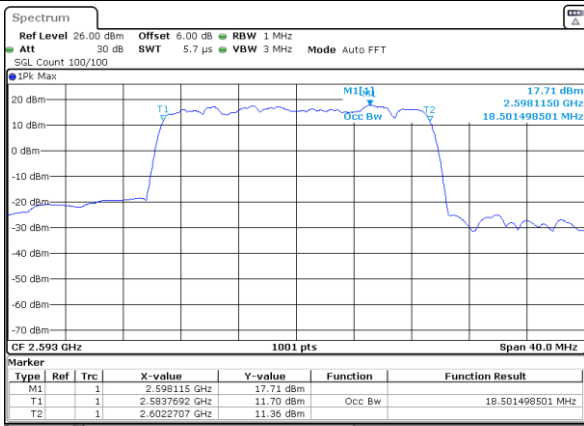
Middle Channel / 15MHz / 16QAM



Date: 6.JAN.2023 00:18:29

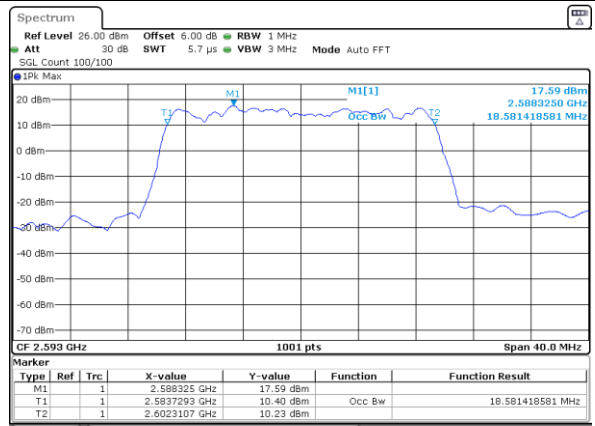
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.JAN.2023 00:19:57

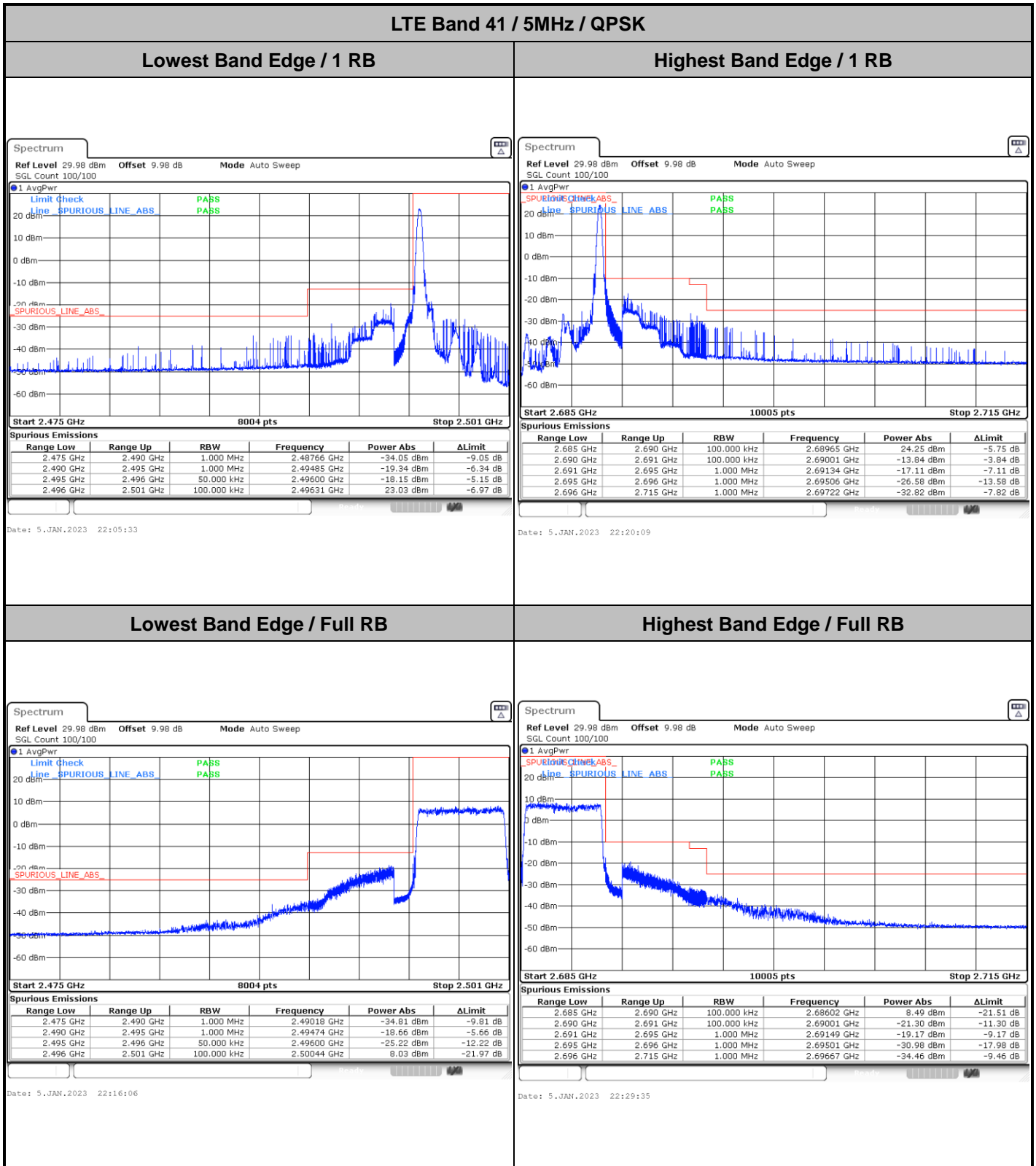
Middle Channel / 20MHz / 16QAM



Date: 6.JAN.2023 00:18:52



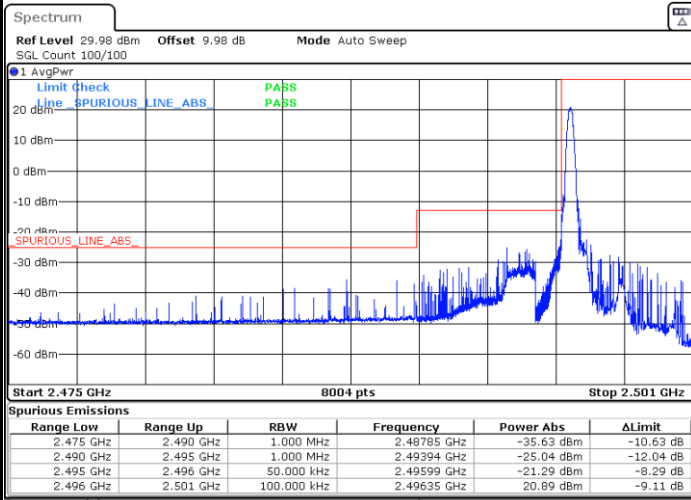
Conducted Band Edge





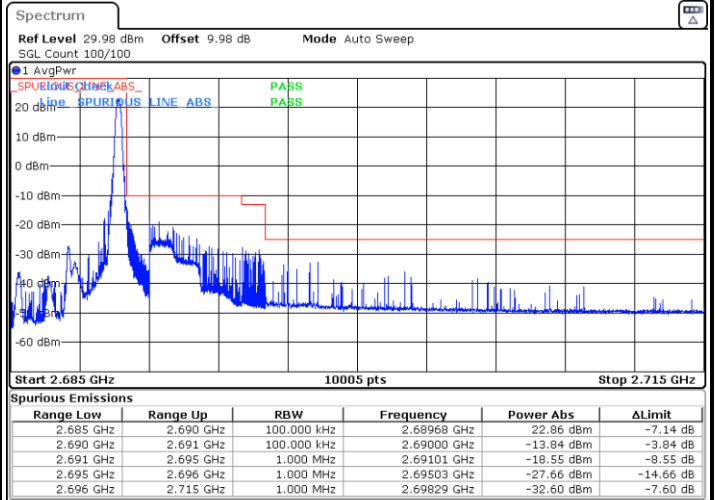
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



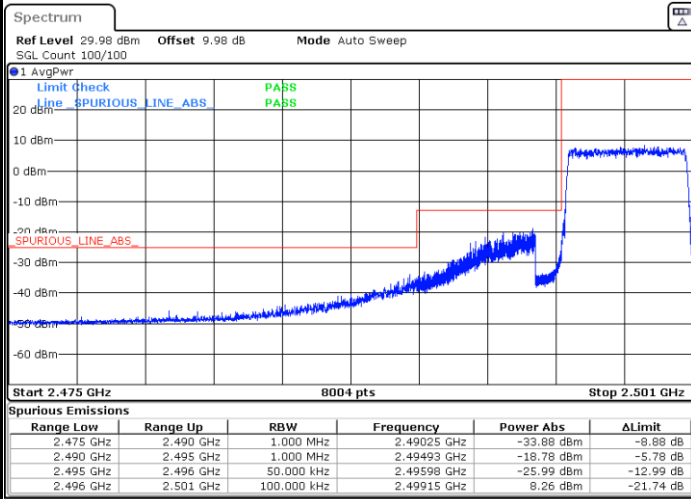
Date: 5, JAN, 2023 22:06:53

Highest Band Edge / 1 RB



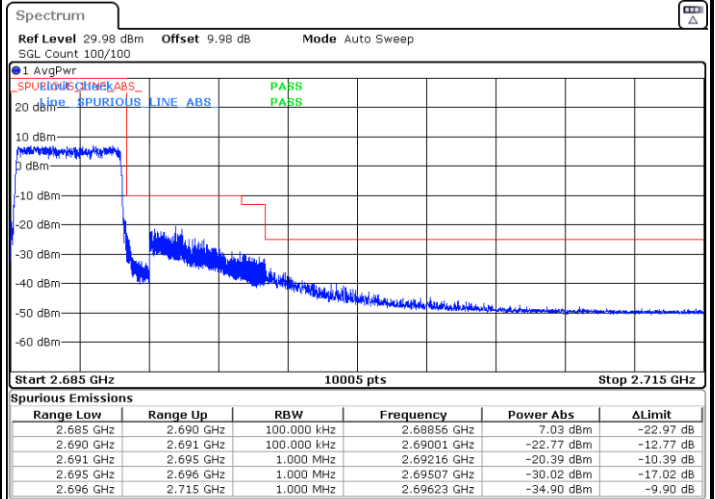
Date: 5, JAN, 2023 22:21:29

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 22:14:46

Highest Band Edge / Full RB

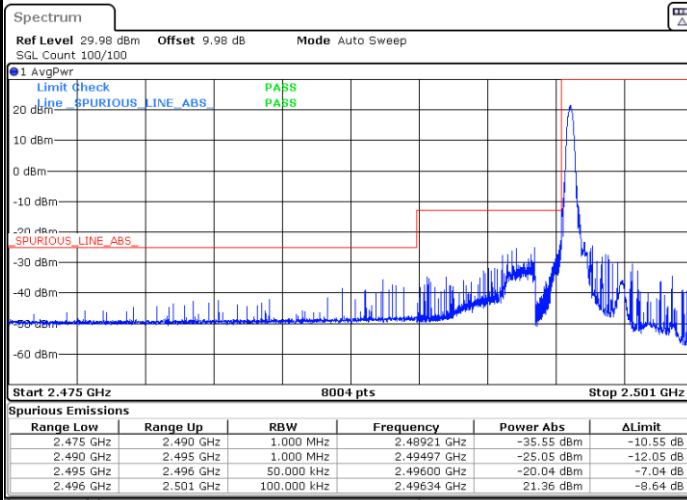


Date: 5, JAN, 2023 22:28:15



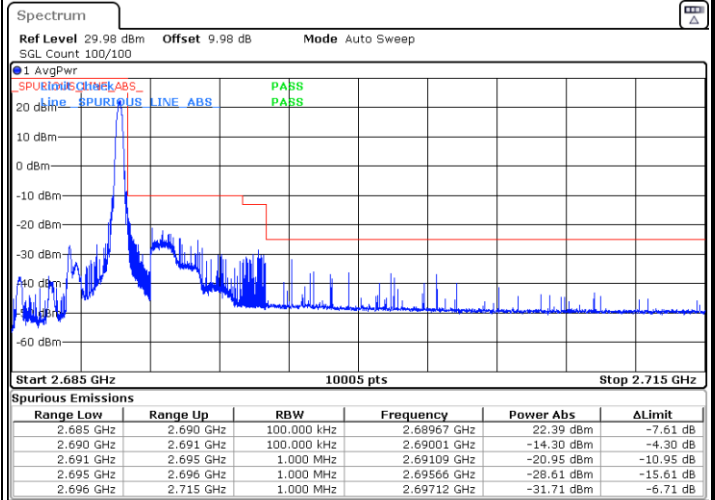
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



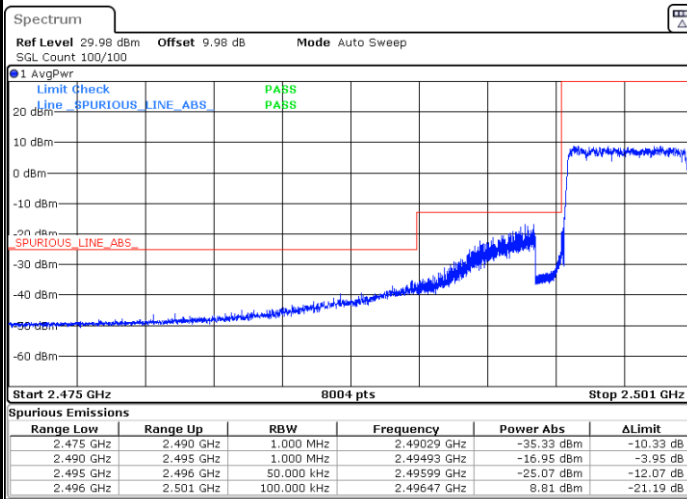
Date: 5.JAN.2023 22:08:13

Highest Band Edge / 1 RB



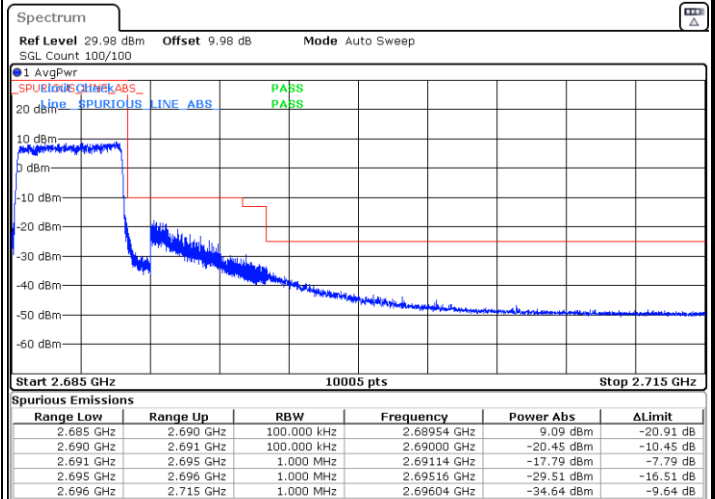
Date: 5.JAN.2023 22:22:49

Lowest Band Edge / Full RB



Date: 5.JAN.2023 22:13:26

Highest Band Edge / Full RB

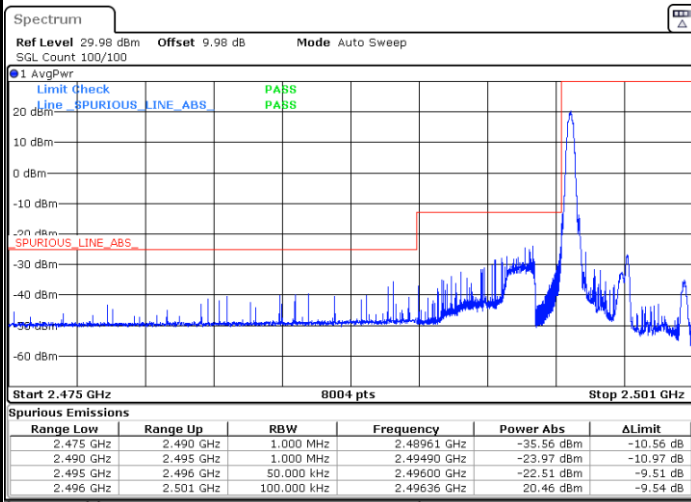


Date: 5.JAN.2023 22:26:54



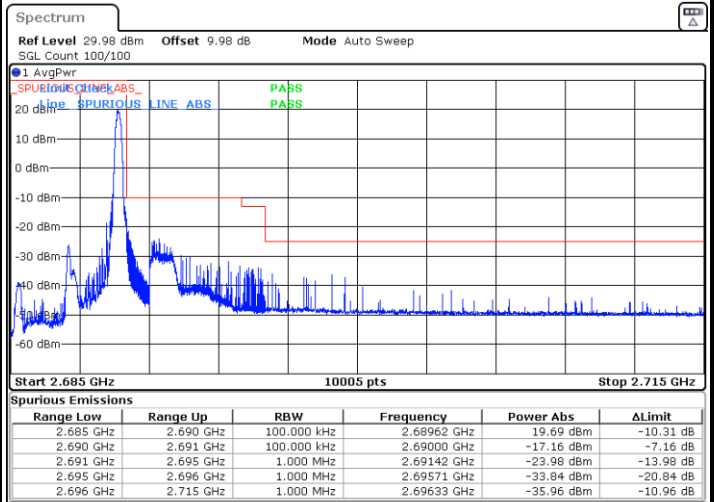
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



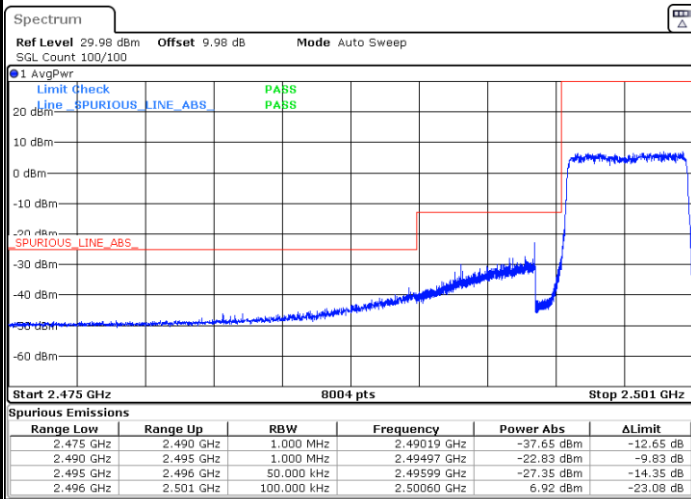
Date: 5, JAN, 2023 22:09:33

Highest Band Edge / 1 RB



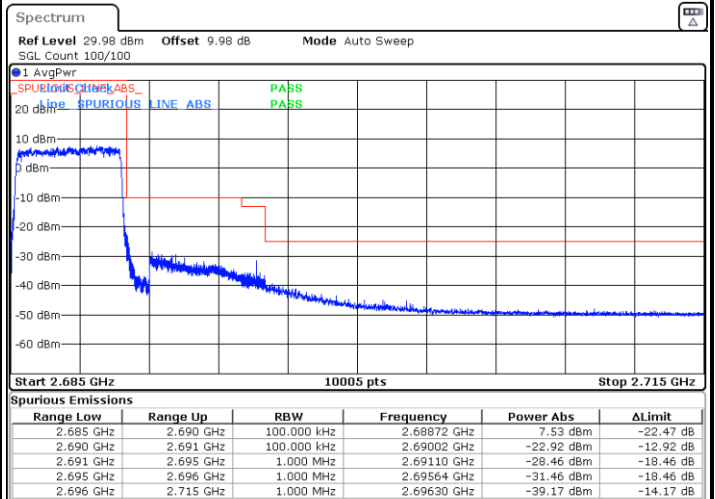
Date: 5, JAN, 2023 22:24:09

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 22:12:03

Highest Band Edge / Full RB

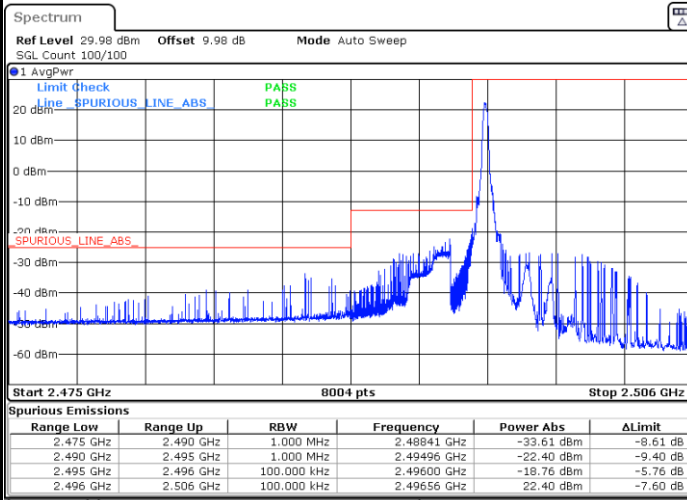


Date: 5, JAN, 2023 22:25:32



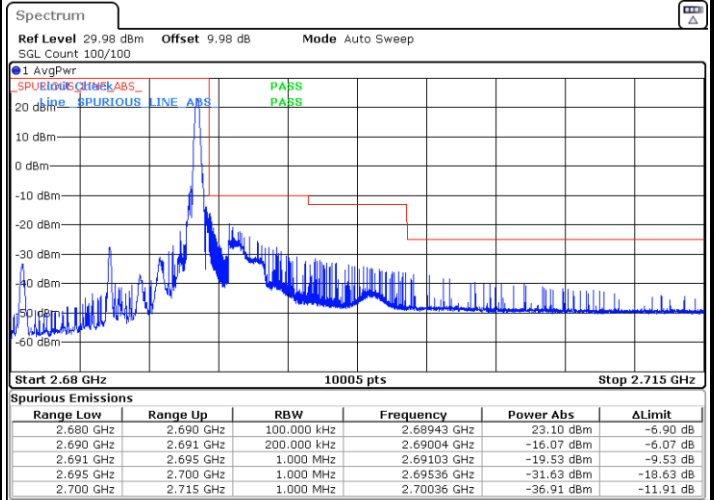
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



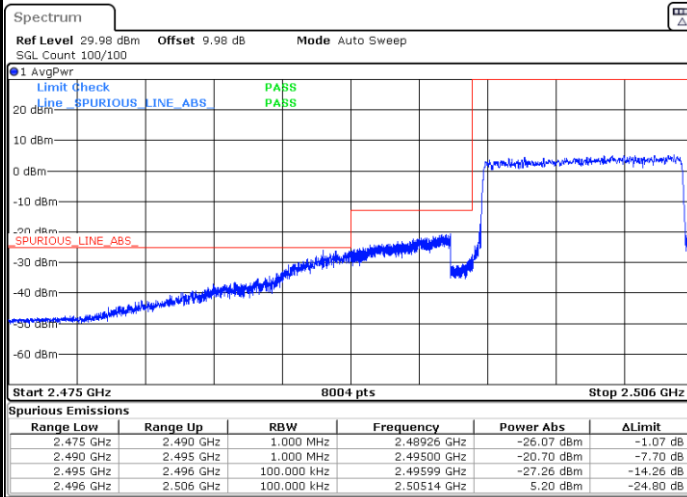
Date: 5, JAN, 2023 22:32:17

Highest Band Edge / 1 RB



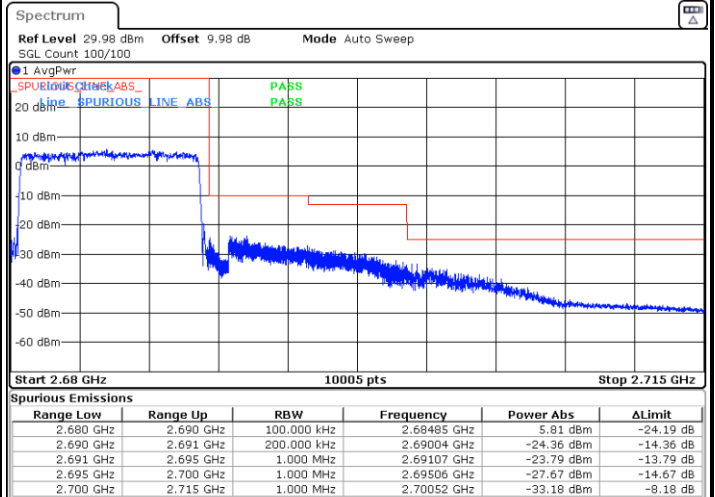
Date: 5, JAN, 2023 22:46:34

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 22:42:31

Highest Band Edge / Full RB

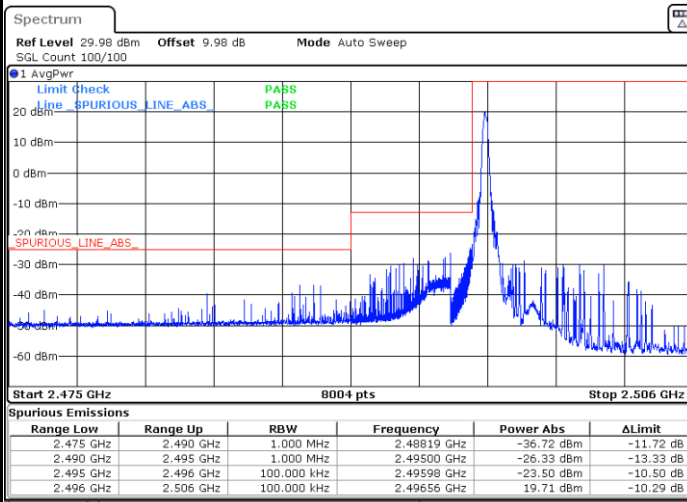


Date: 5, JAN, 2023 22:56:00



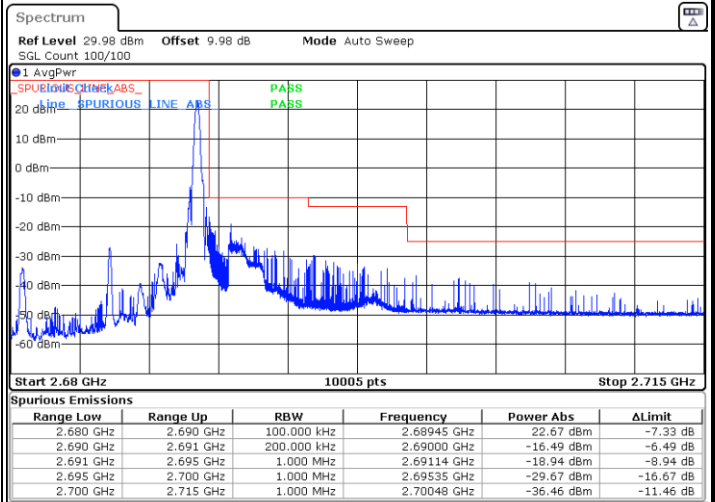
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



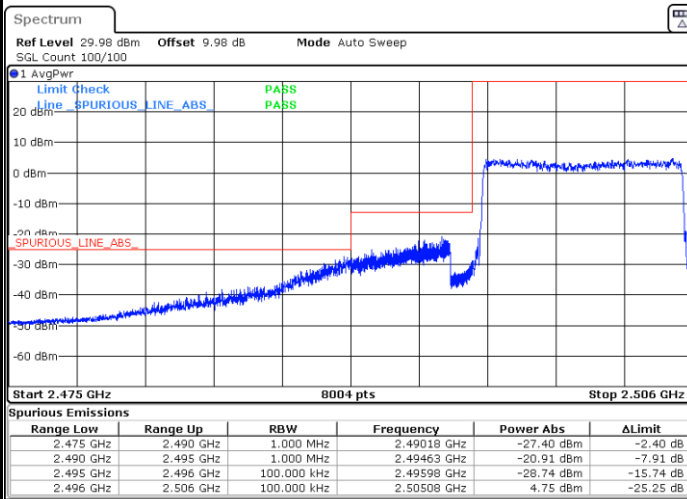
Date: 5, JAN, 2023 22:33:37

Highest Band Edge / 1 RB



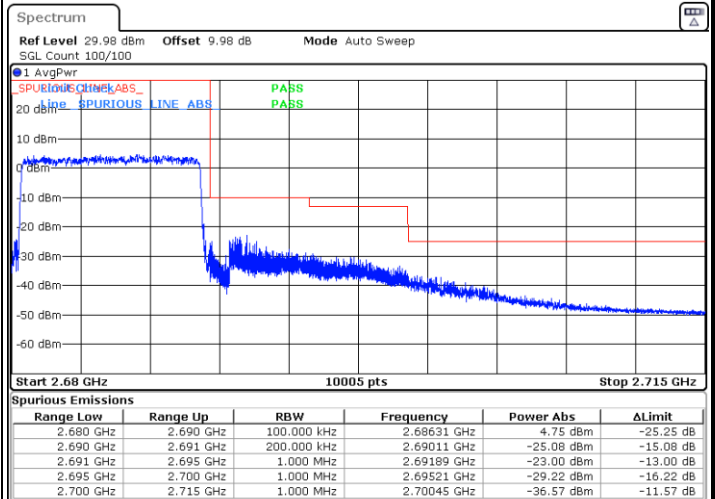
Date: 5, JAN, 2023 22:47:54

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 22:41:11

Highest Band Edge / Full RB

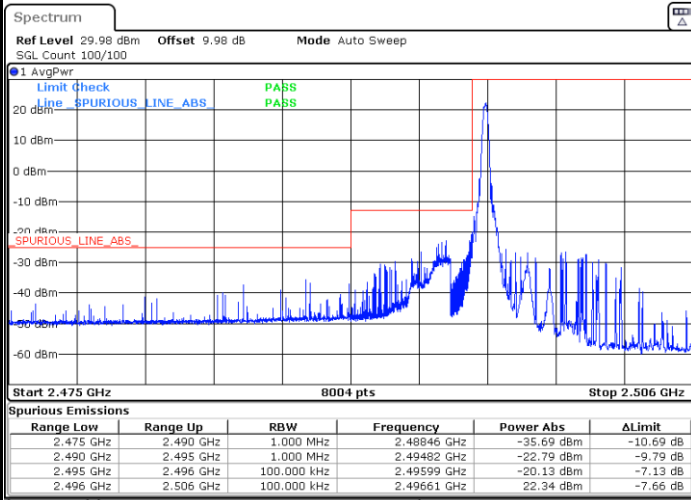


Date: 5, JAN, 2023 22:54:40



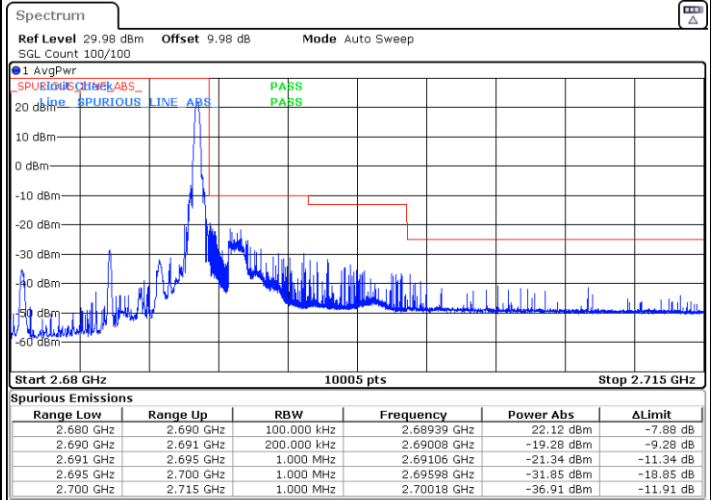
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



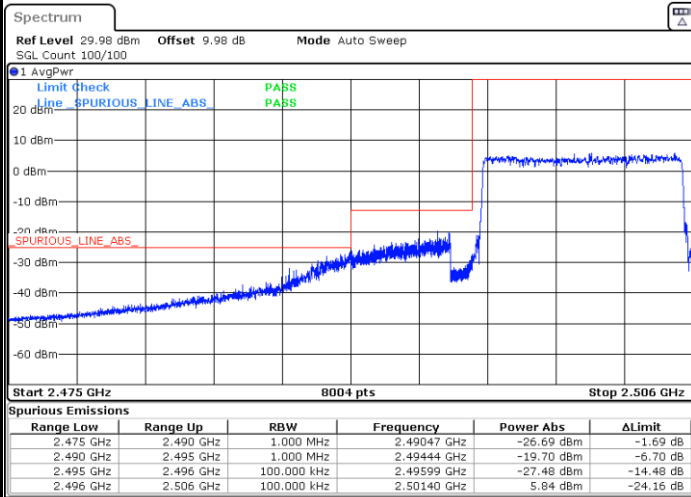
Date: 5.JAN.2023 22:34:57

Highest Band Edge / 1 RB



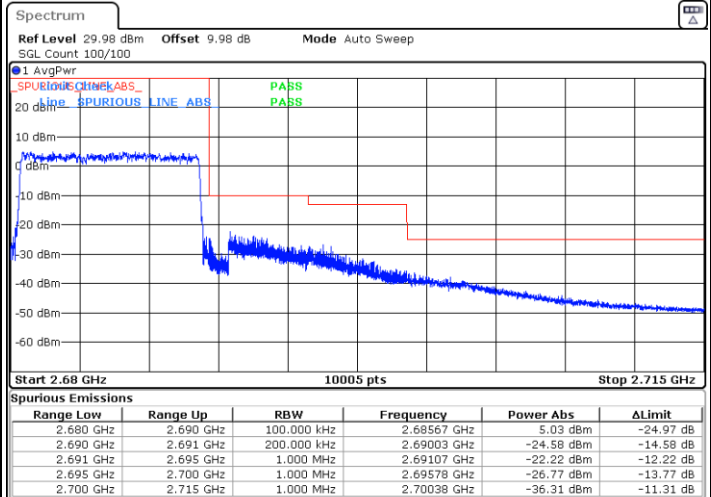
Date: 5.JAN.2023 22:49:14

Lowest Band Edge / Full RB



Date: 5.JAN.2023 22:39:51

Highest Band Edge / Full RB



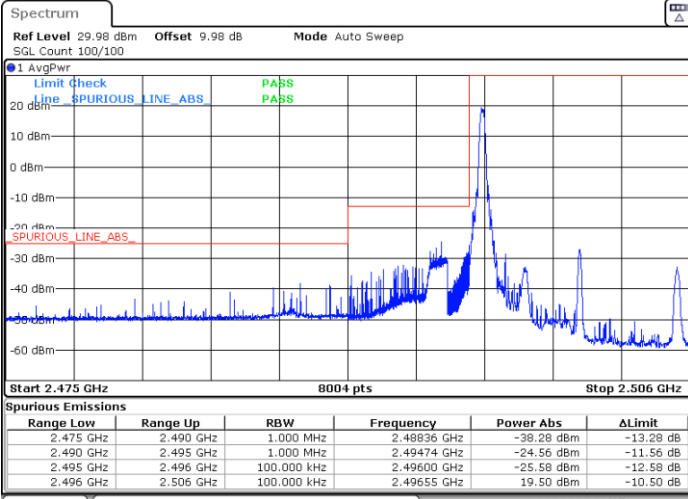
Date: 5.JAN.2023 22:53:20



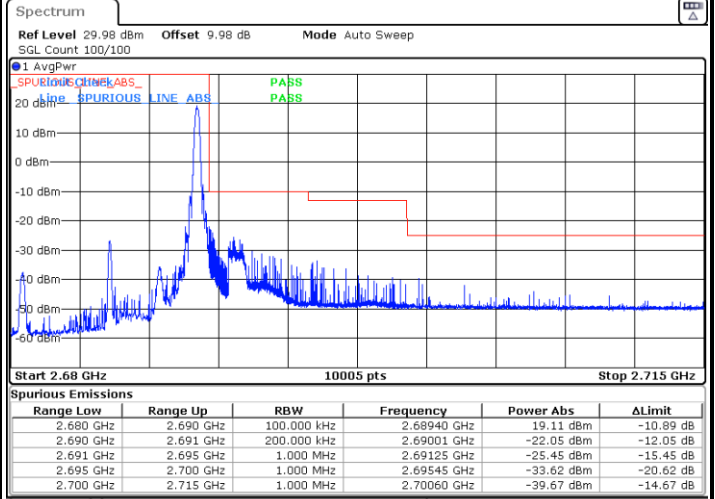
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



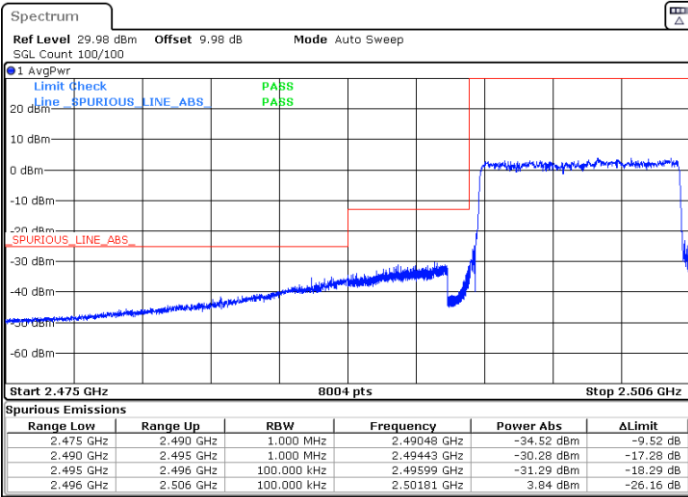
Date: 5.JAN.2023 22:36:18



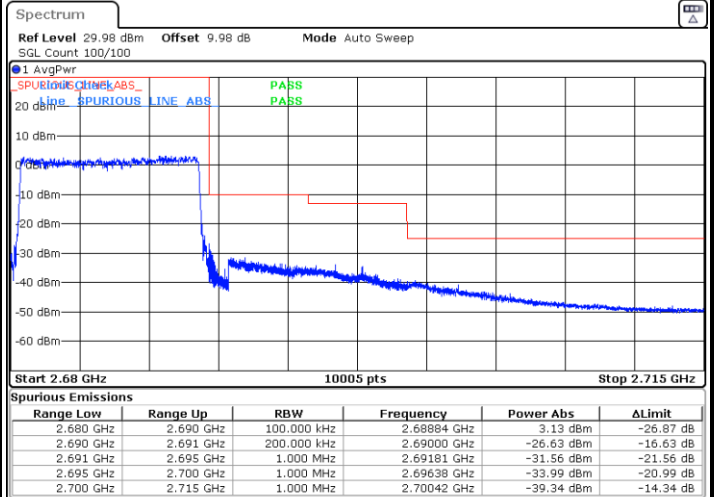
Date: 5.JAN.2023 22:50:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.JAN.2023 22:38:28

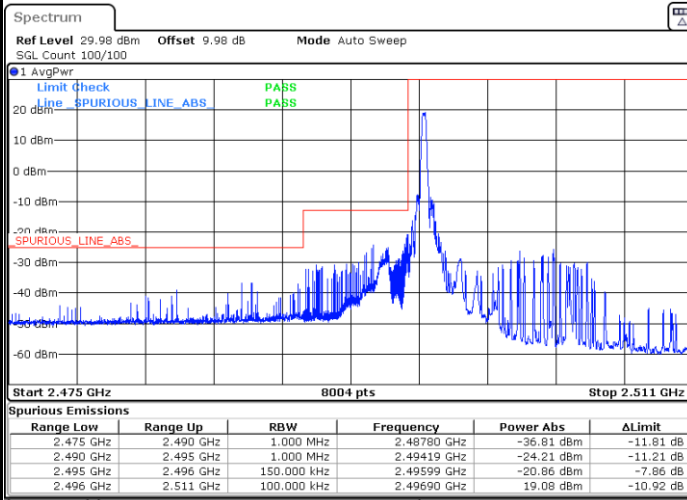


Date: 5.JAN.2023 22:51:57



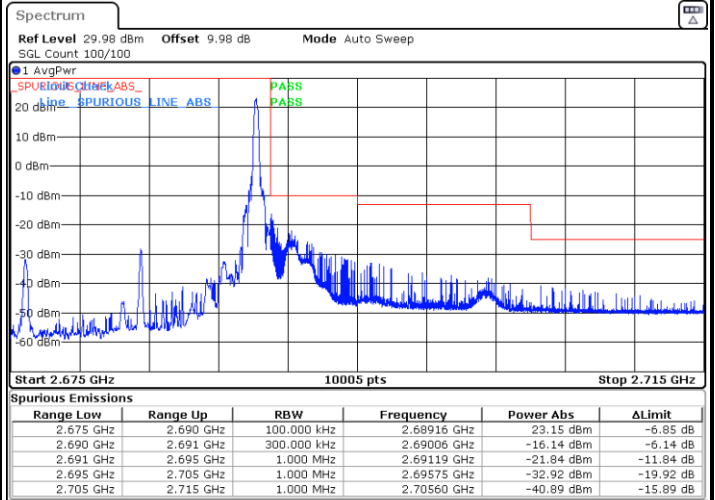
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



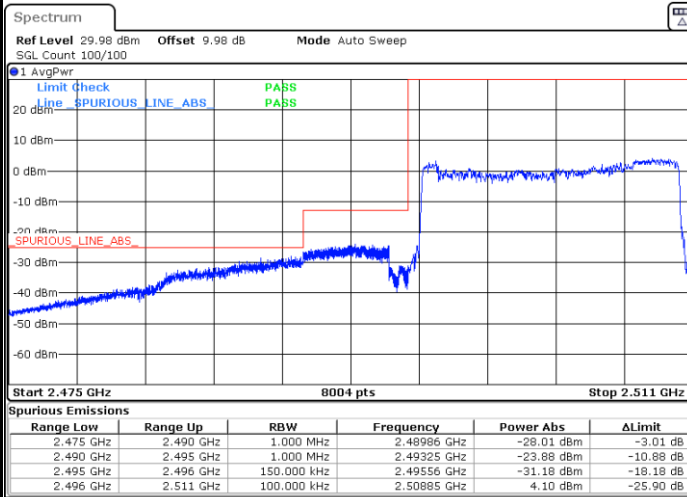
Date: 5.JAN.2023 22:58:43

Highest Band Edge / 1 RB



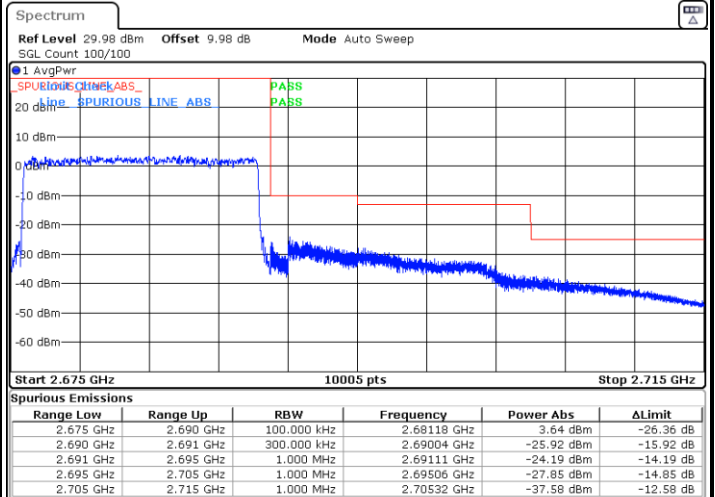
Date: 5.JAN.2023 23:42:15

Lowest Band Edge / Full RB



Date: 5.JAN.2023 23:38:12

Highest Band Edge / Full RB

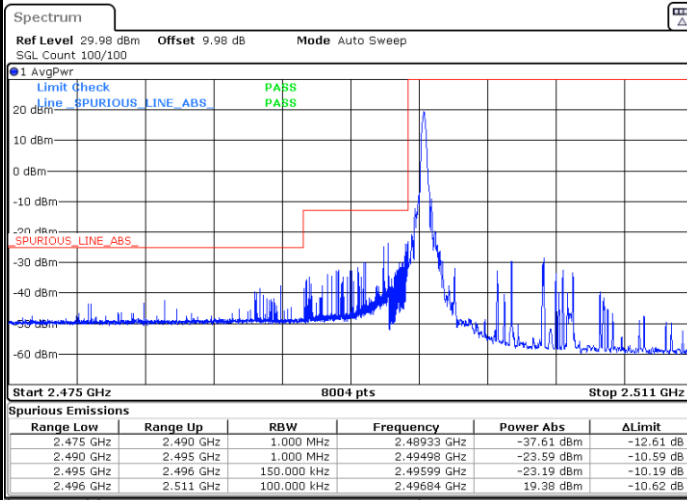


Date: 5.JAN.2023 23:51:41



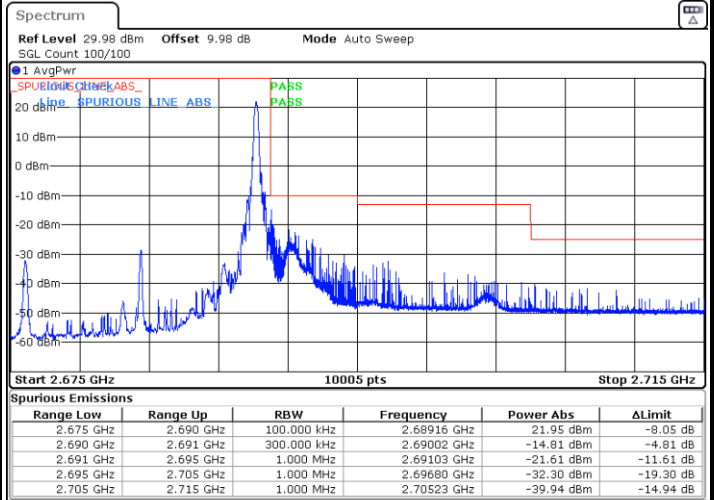
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



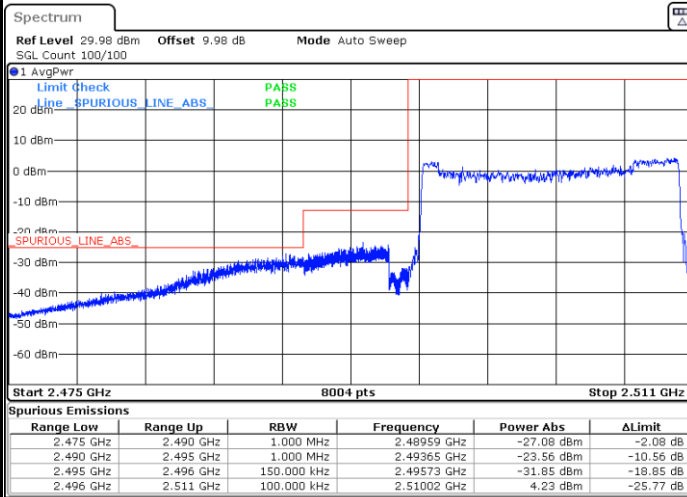
Date: 5, JAN, 2023 23:00:03

Highest Band Edge / 1 RB



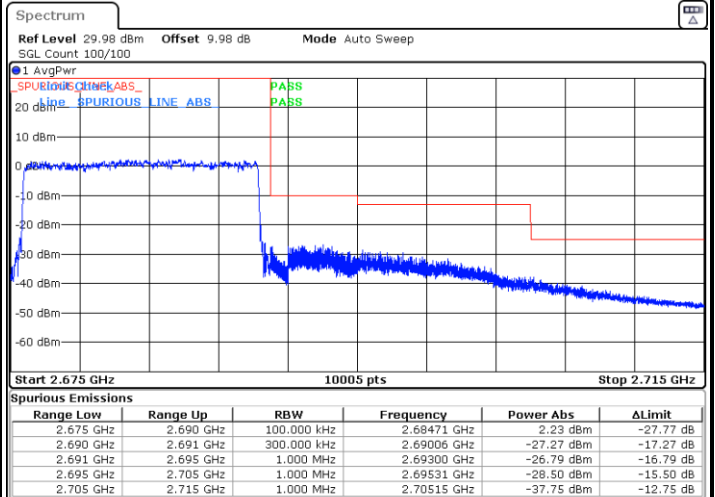
Date: 5, JAN, 2023 23:43:35

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 23:36:51

Highest Band Edge / Full RB

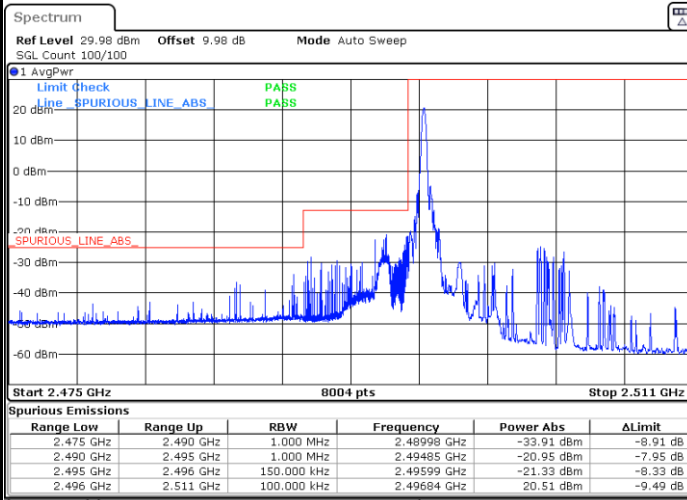


Date: 5, JAN, 2023 23:50:21



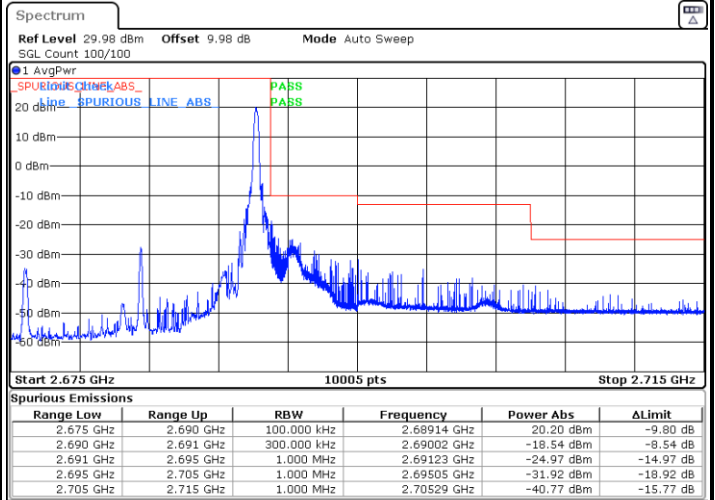
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



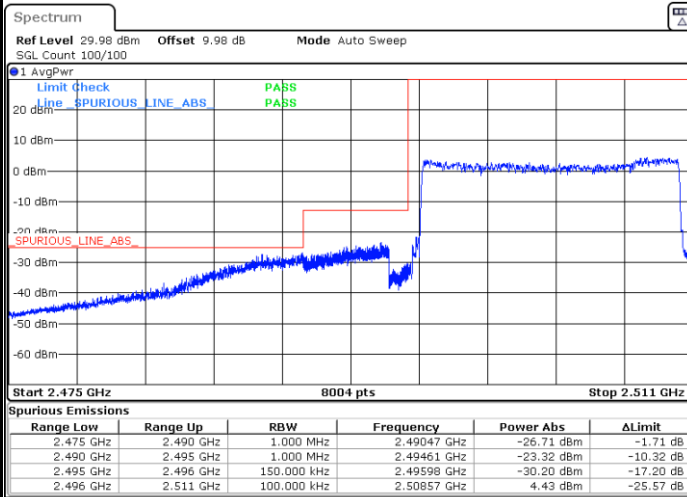
Date: 5, JAN, 2023 23:01:23

Highest Band Edge / 1 RB



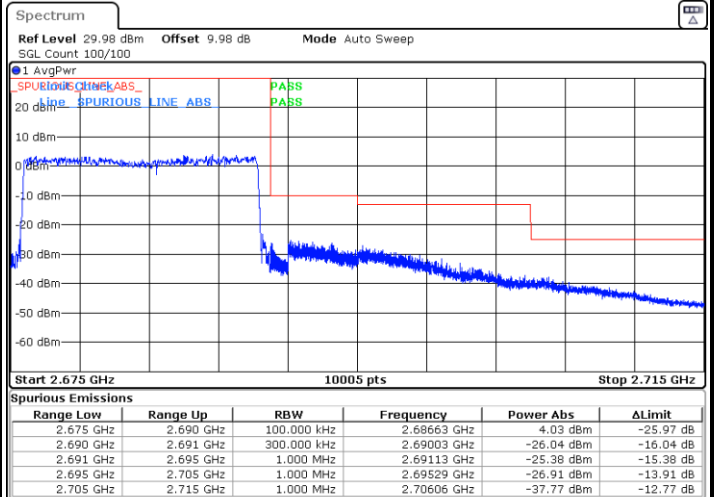
Date: 5, JAN, 2023 23:44:55

Lowest Band Edge / Full RB



Date: 5, JAN, 2023 23:35:11

Highest Band Edge / Full RB

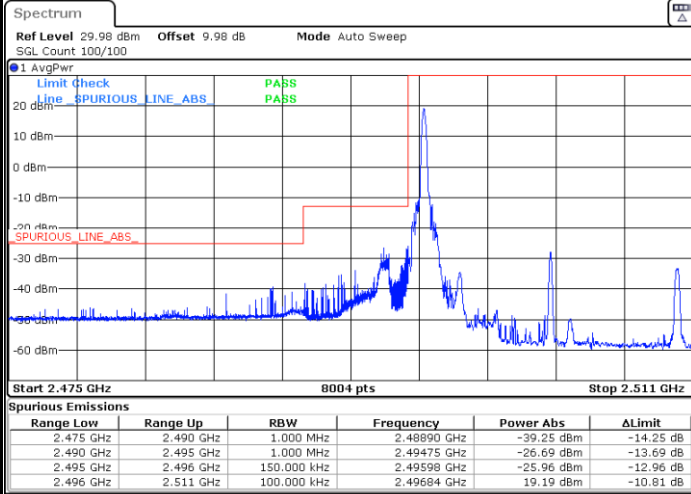


Date: 5, JAN, 2023 23:49:01



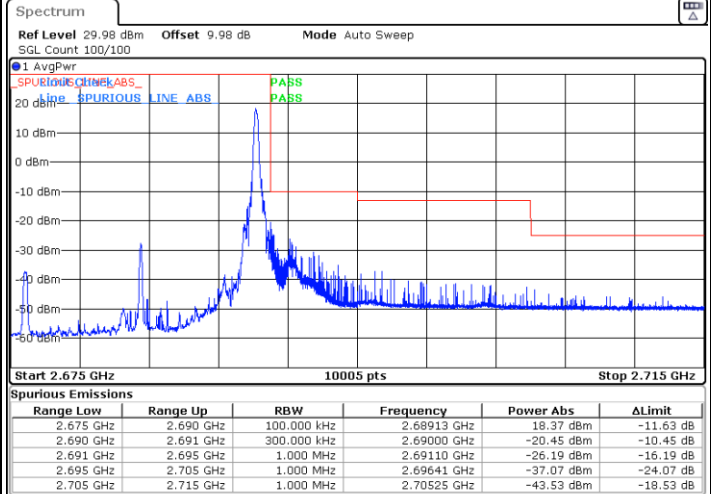
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



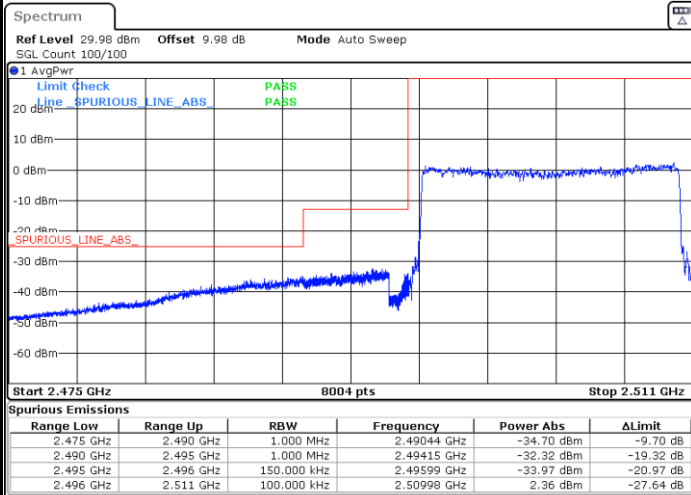
Date: 5.JAN.2023 23:02:43

Highest Band Edge / 1 RB



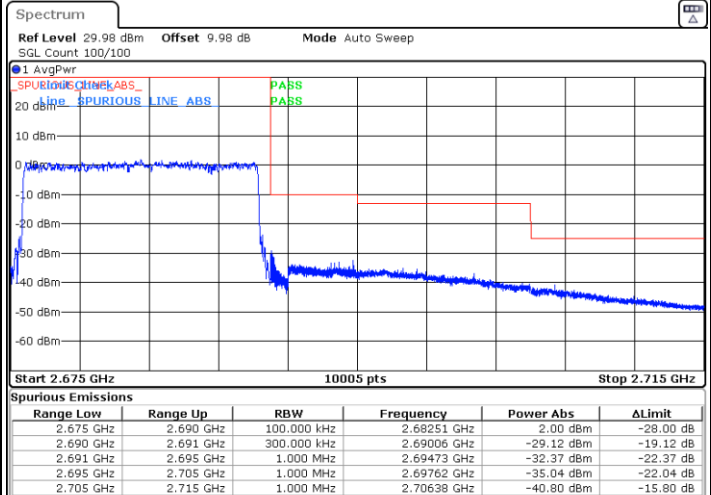
Date: 5.JAN.2023 23:46:15

Lowest Band Edge / Full RB



Date: 5.JAN.2023 23:34:09

Highest Band Edge / Full RB

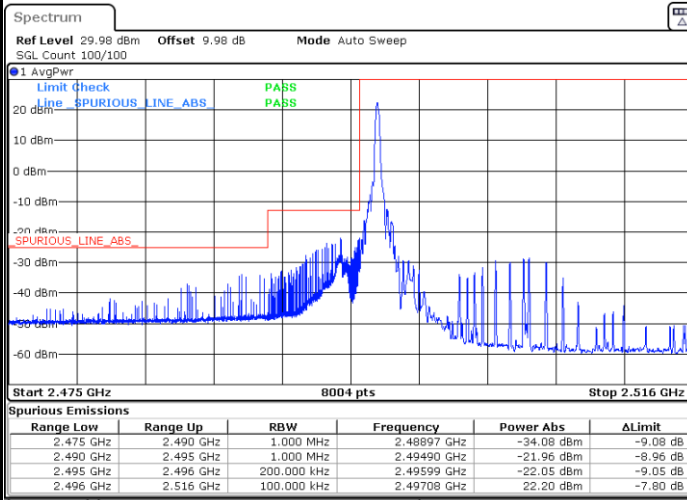


Date: 5.JAN.2023 23:47:38



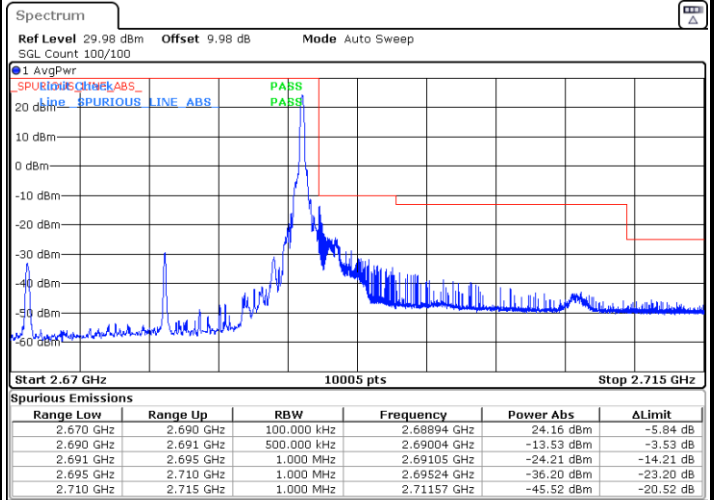
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



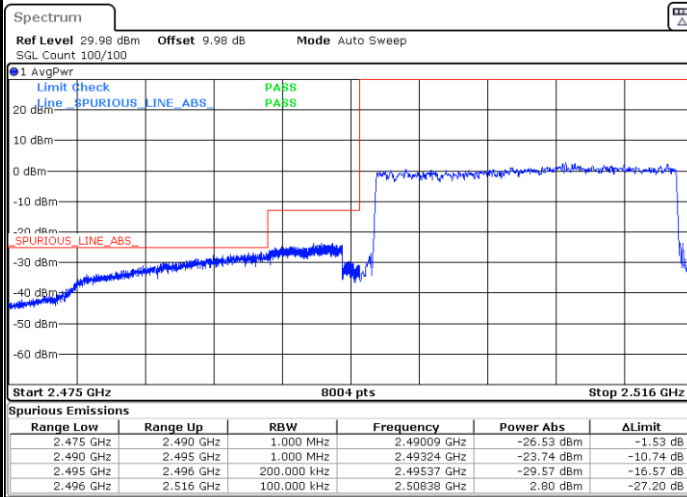
Date: 5.JAN.2023 23:54:23

Highest Band Edge / 1 RB



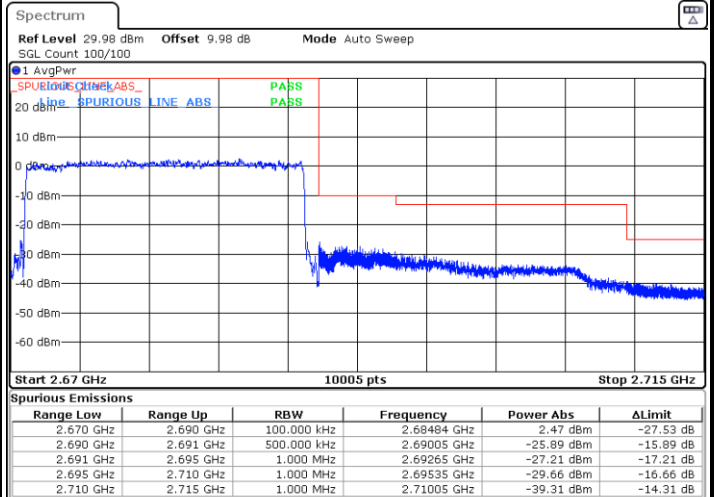
Date: 6.JAN.2023 00:15:43

Lowest Band Edge / Full RB



Date: 6.JAN.2023 00:11:41

Highest Band Edge / Full RB

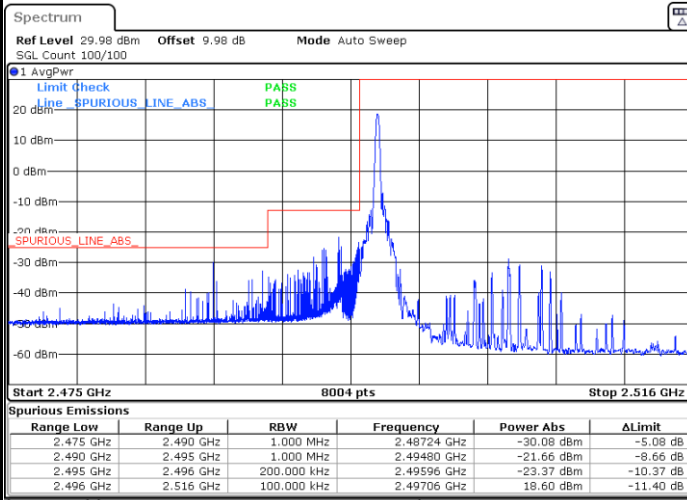


Date: 6.JAN.2023 00:25:10



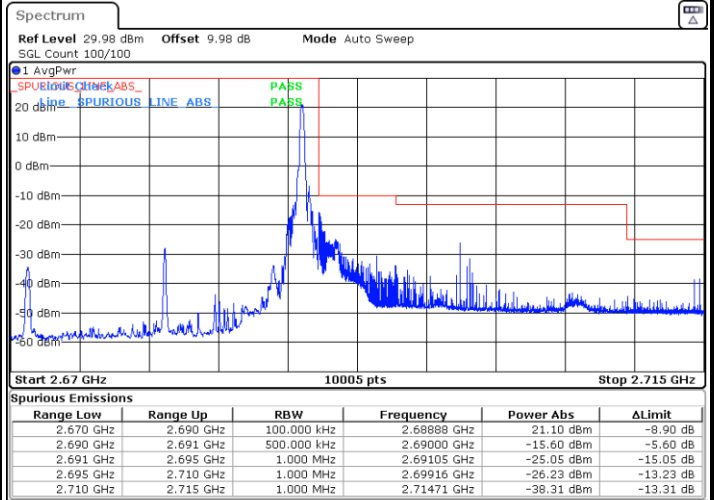
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



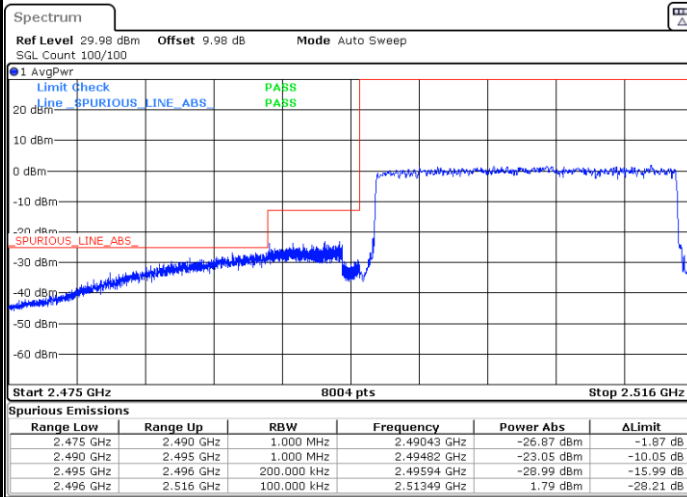
Date: 5, JAN, 2023 23:55:43

Highest Band Edge / 1 RB



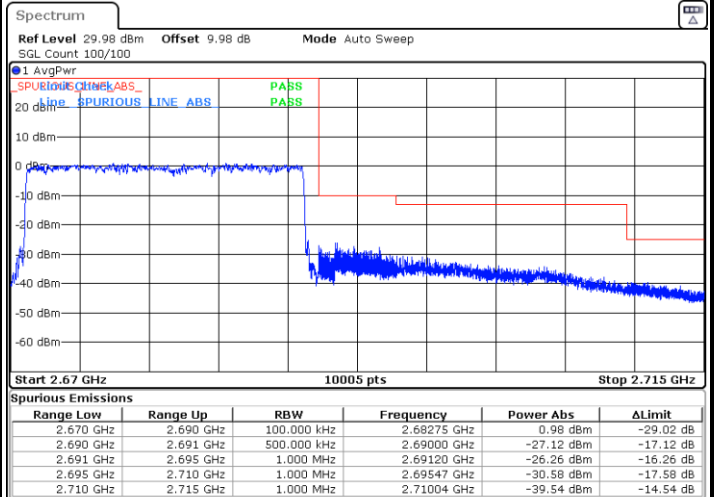
Date: 6, JAN, 2023 00:17:04

Lowest Band Edge / Full RB



Date: 6, JAN, 2023 00:10:21

Highest Band Edge / Full RB

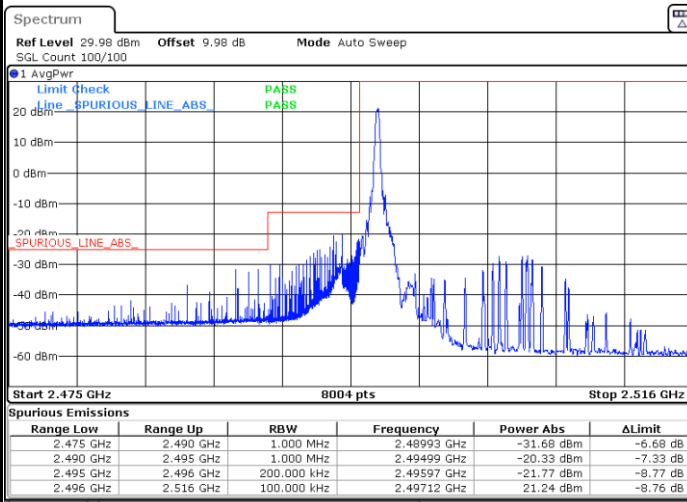


Date: 6, JAN, 2023 00:23:50



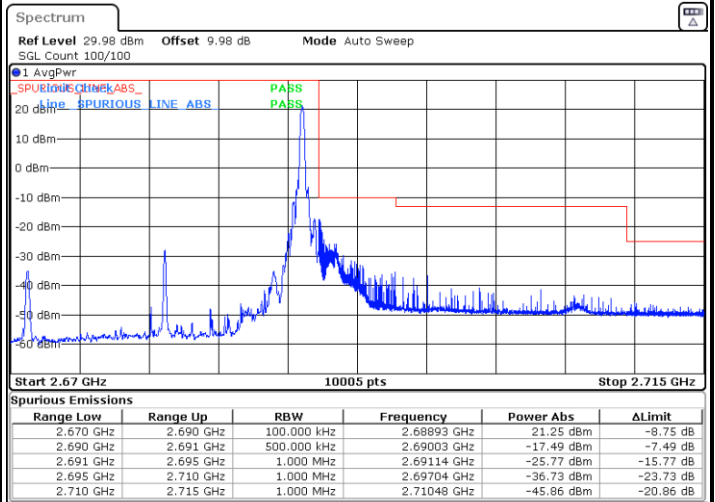
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



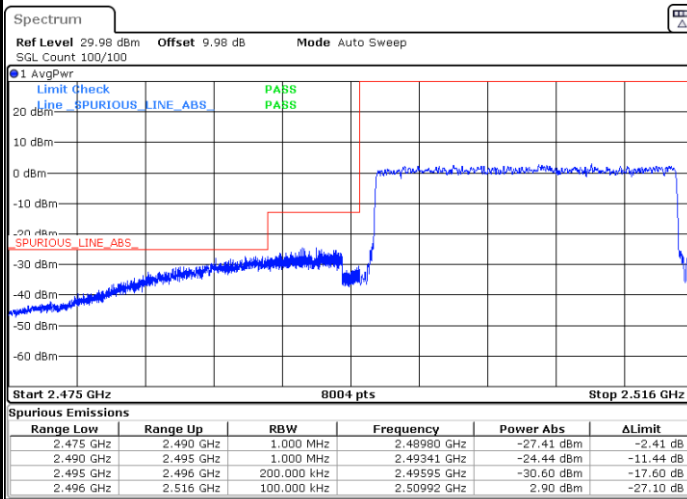
Date: 5.JAN.2023 23:57:03

Highest Band Edge / 1 RB



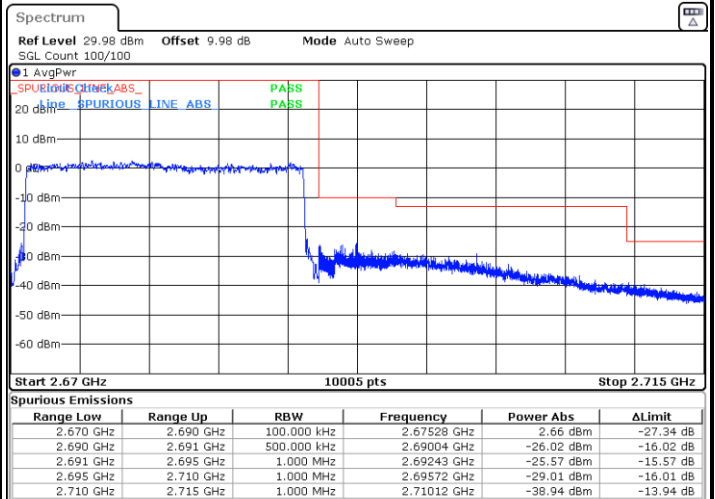
Date: 6.JAN.2023 00:18:24

Lowest Band Edge / Full RB



Date: 6.JAN.2023 00:09:01

Highest Band Edge / Full RB

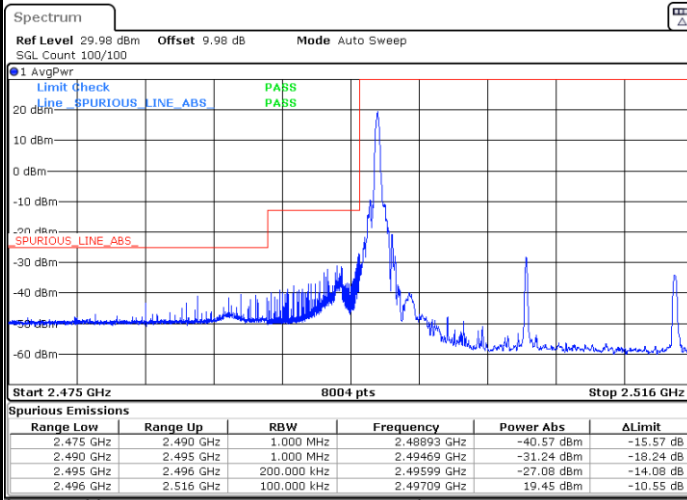


Date: 6.JAN.2023 00:22:30



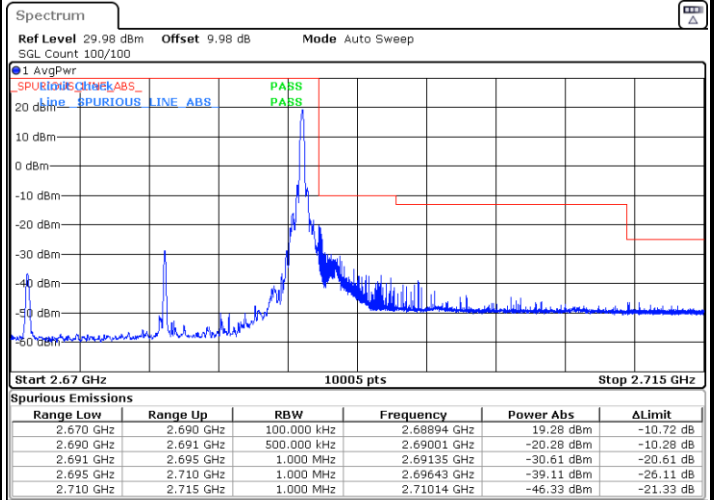
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



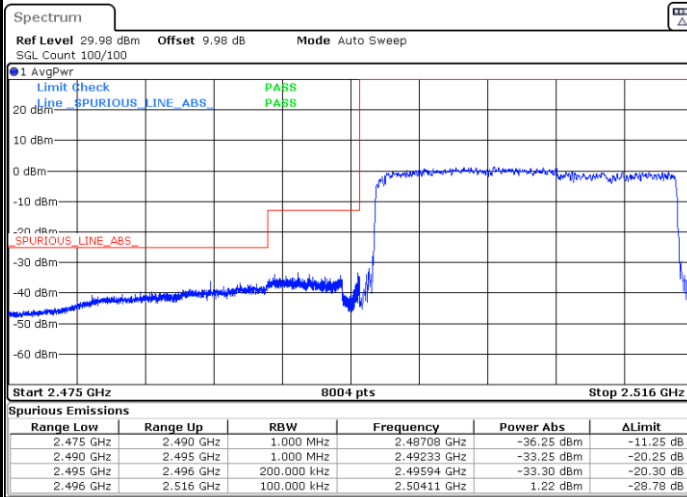
Date: 5.JAN.2023 23:58:23

Highest Band Edge / 1 RB



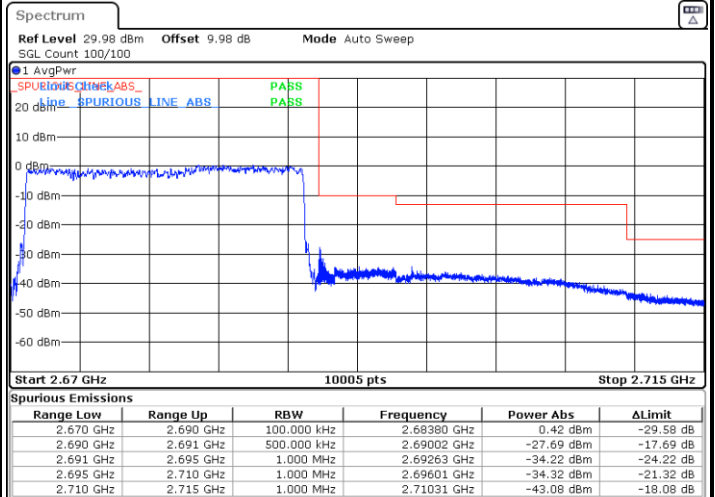
Date: 6.JAN.2023 00:19:44

Lowest Band Edge / Full RB



Date: 6.JAN.2023 00:07:38

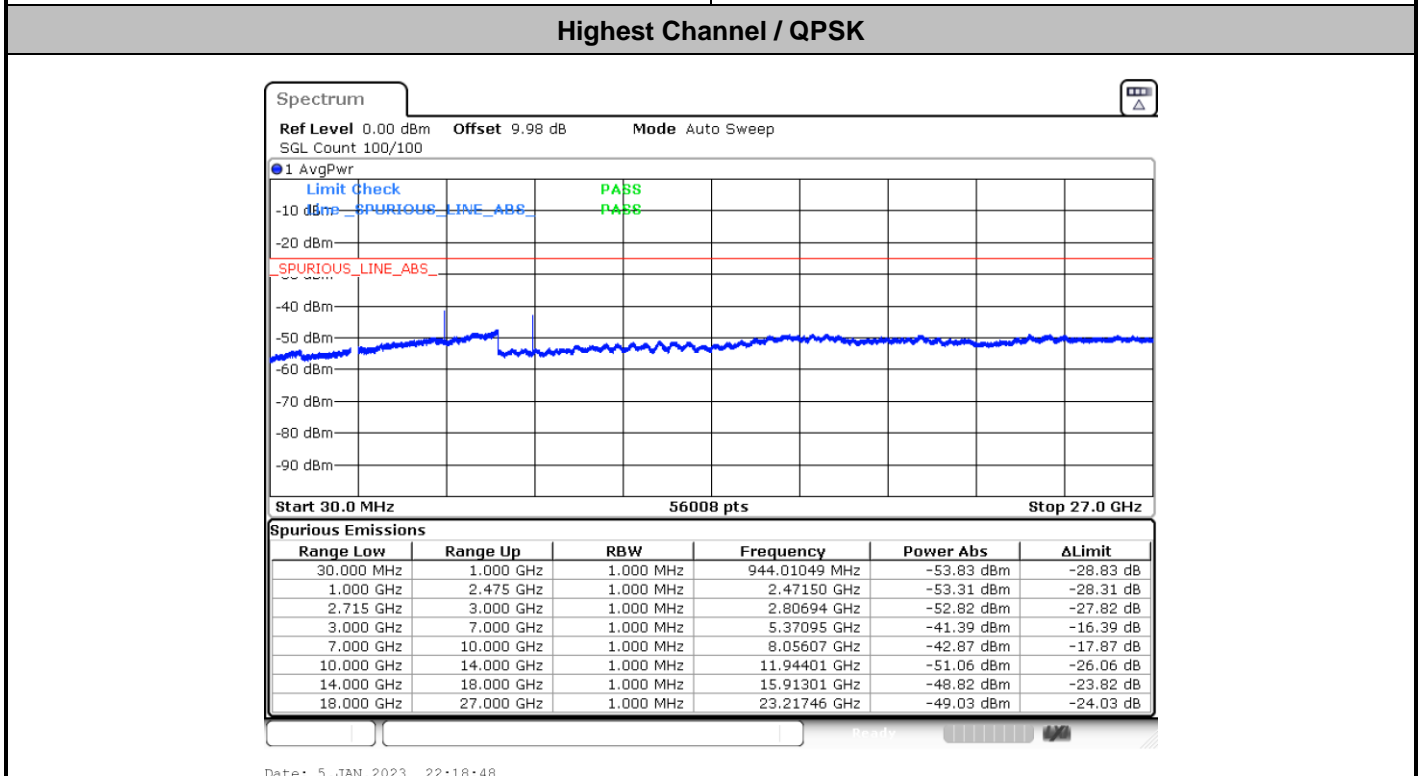
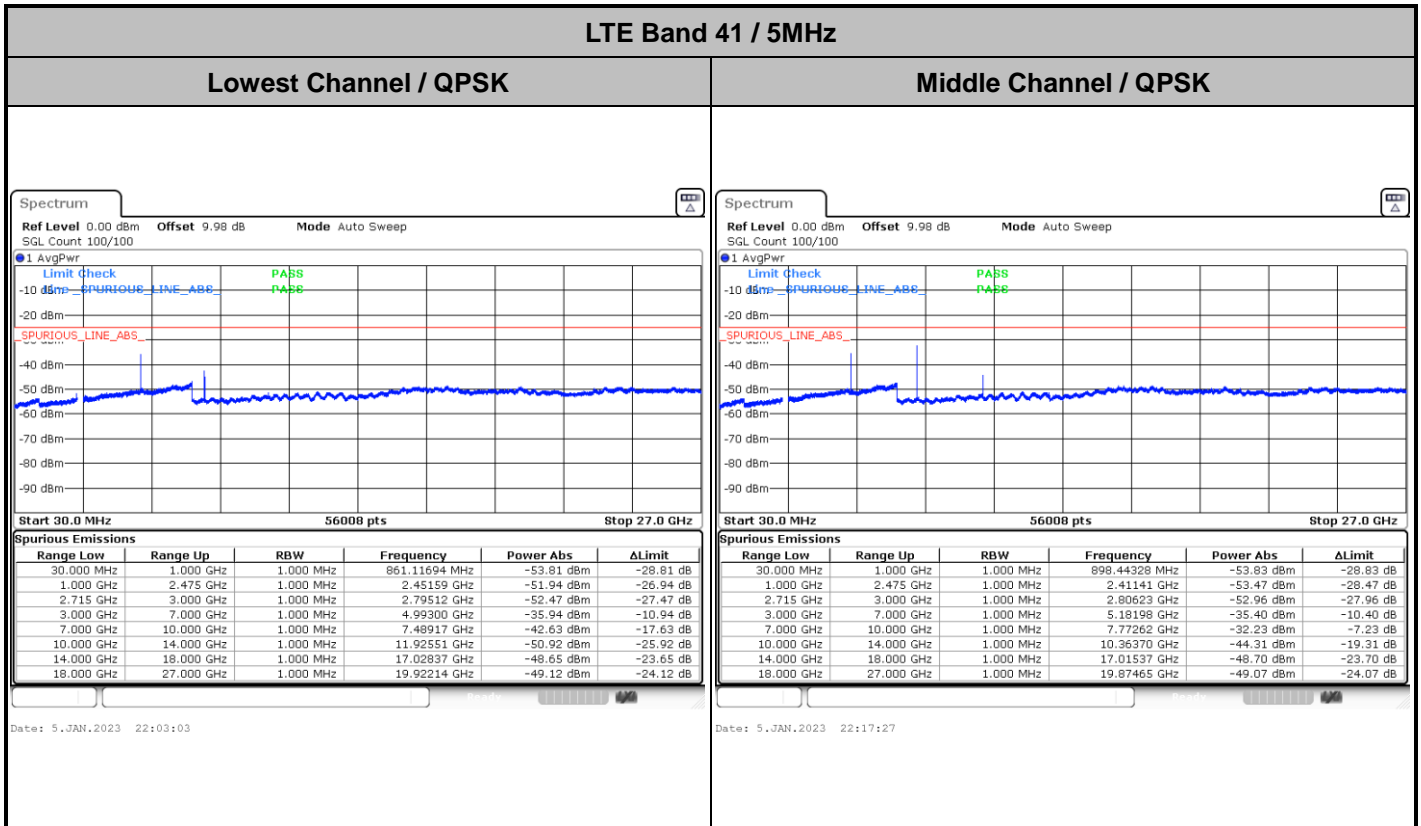
Highest Band Edge / Full RB



Date: 6.JAN.2023 00:21:07



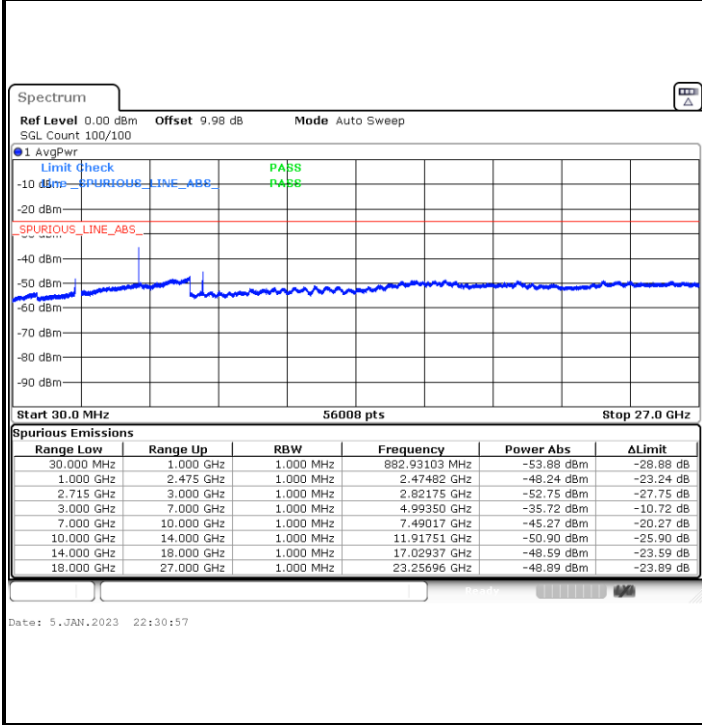
Conducted Spurious Emission



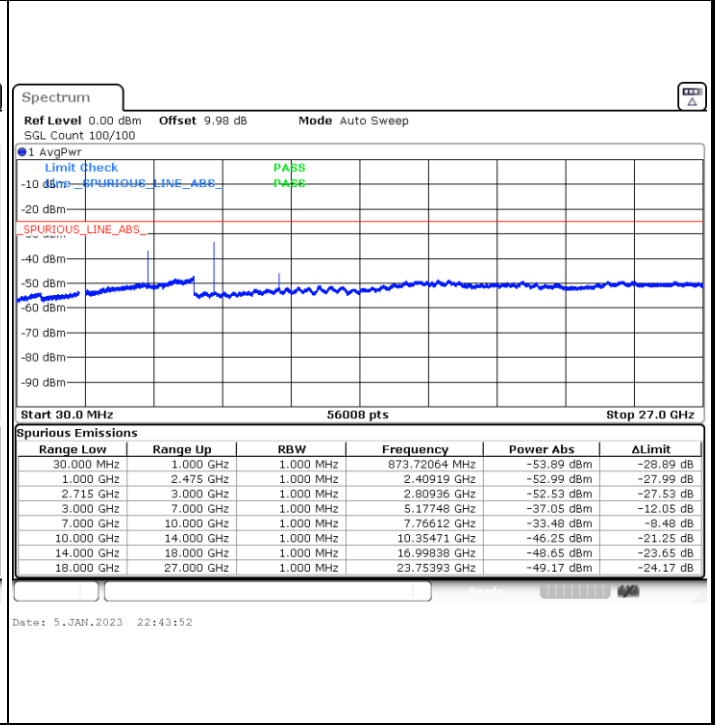


LTE Band 41 / 10MHz

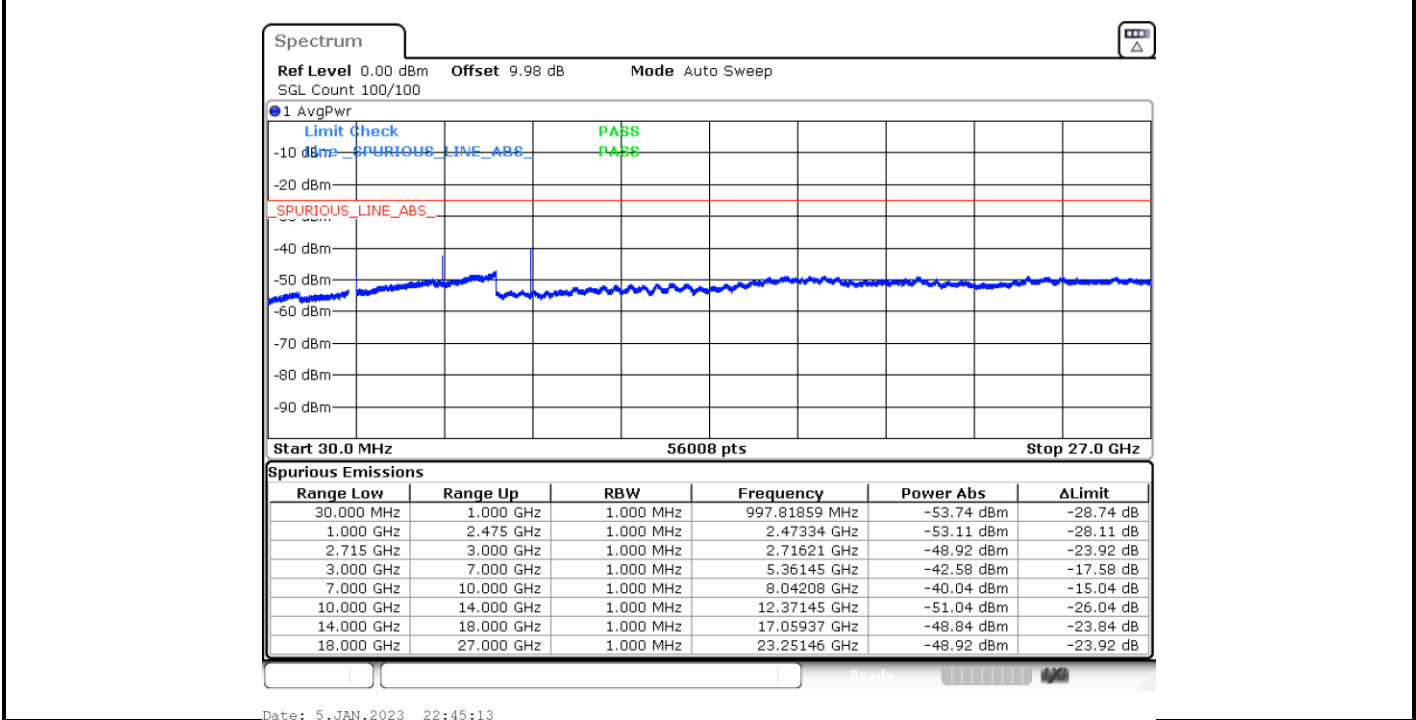
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

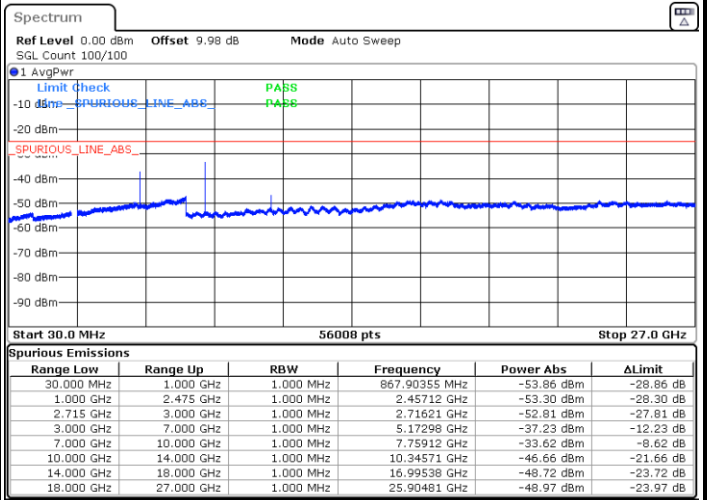
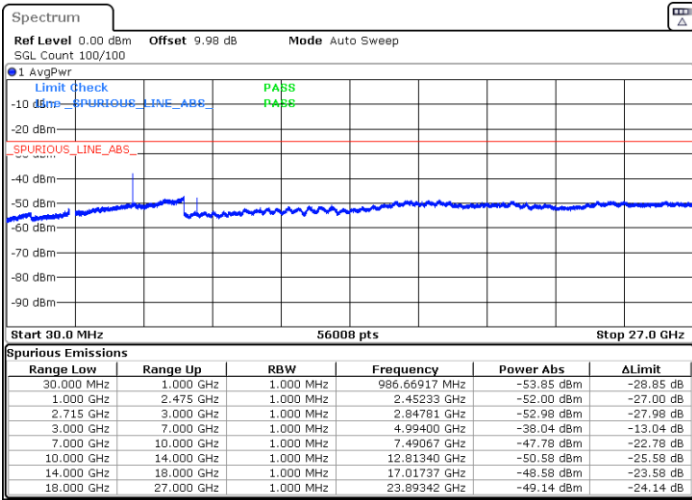




LTE Band 41 / 15MHz

Lowest Channel / QPSK

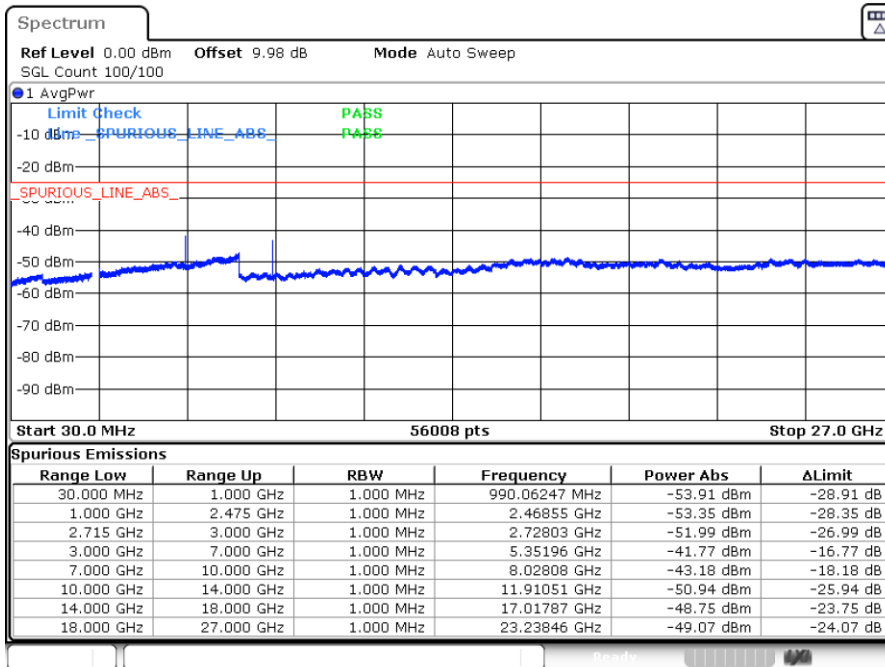
Middle Channel / QPSK



Date: 5 JAN. 2023 22:57:22

Date: 5 JAN. 2023 23:39:33

Highest Channel / QPSK

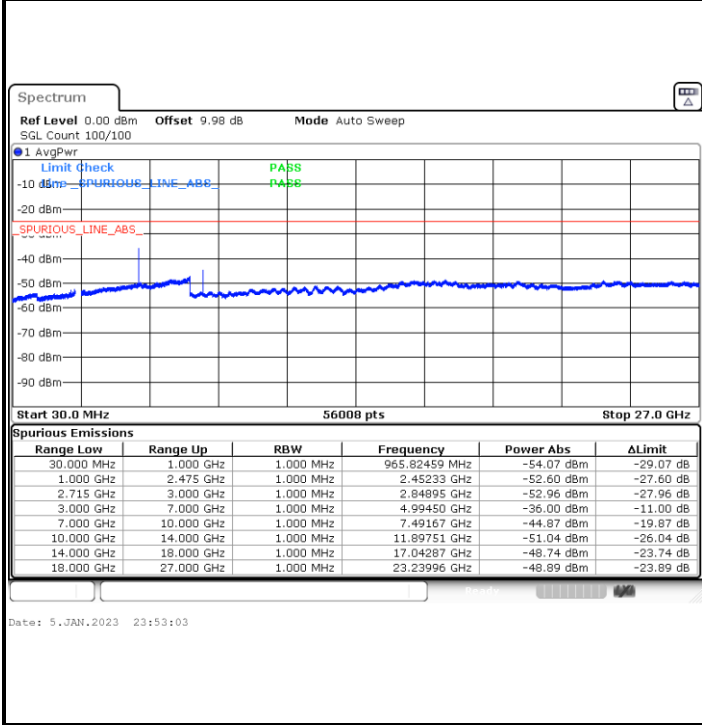


Date: 5 JAN. 2023 23:40:54

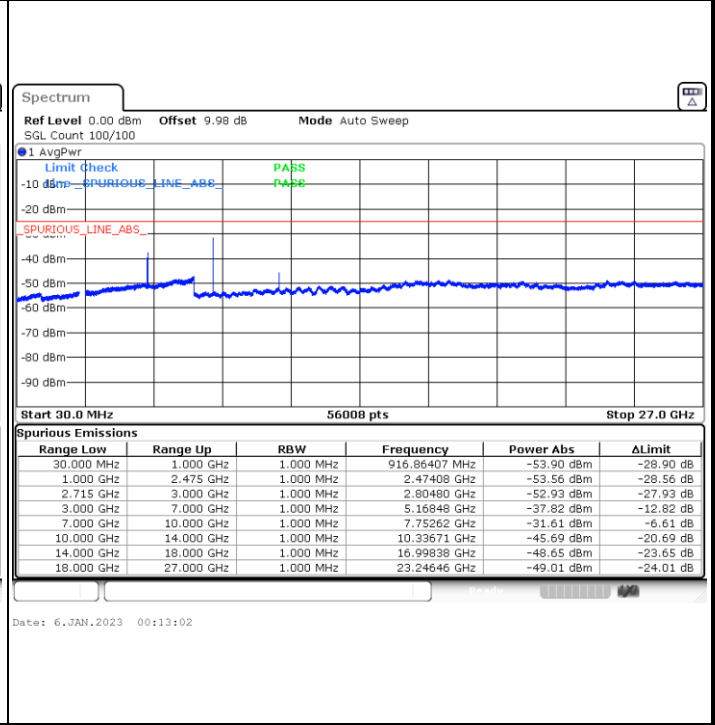


LTE Band 41 / 20MHz

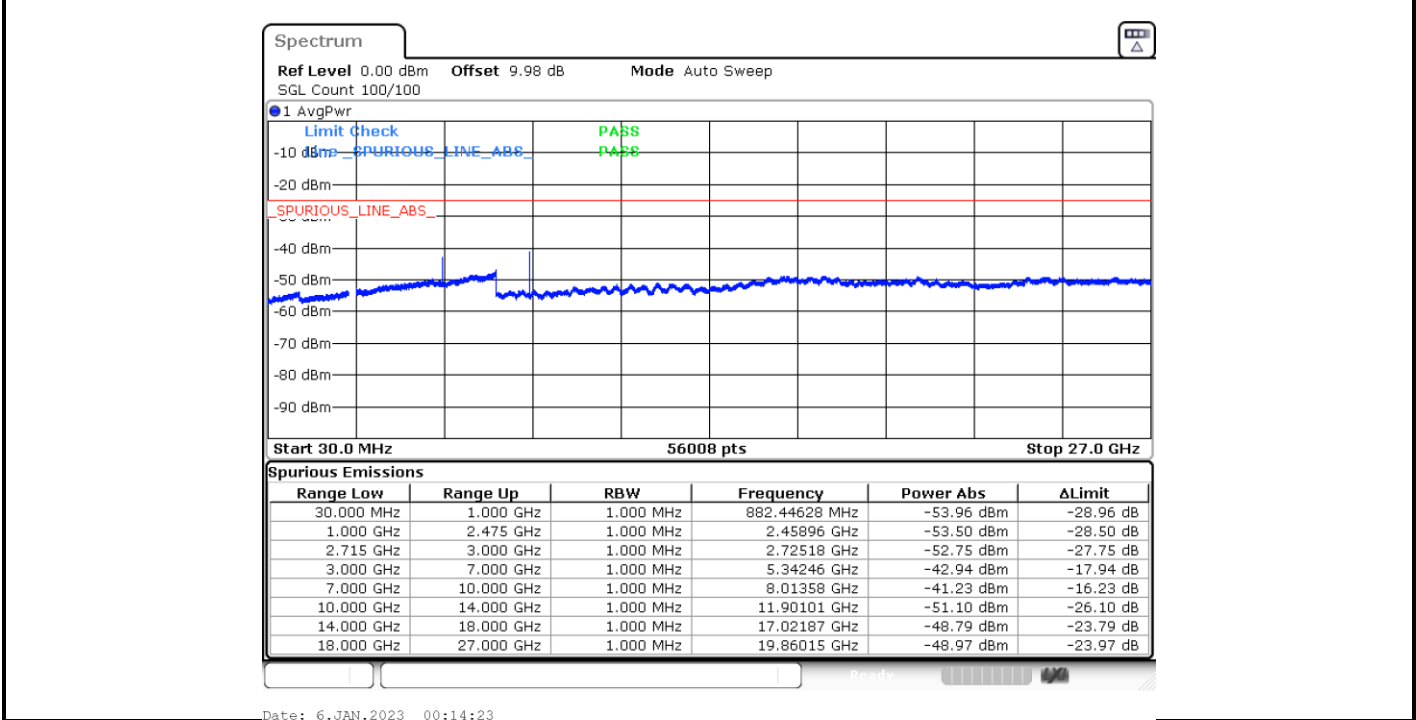
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

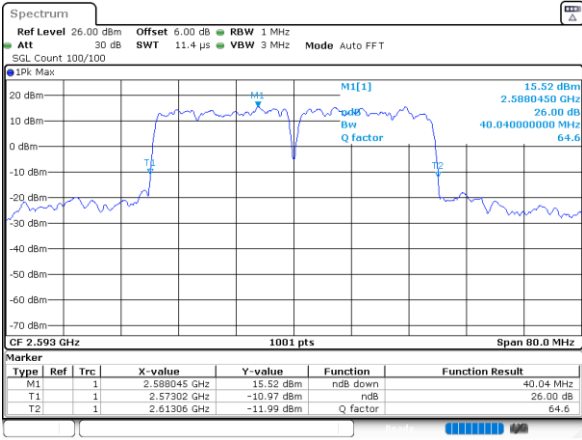
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.04
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.52
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.93
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.76
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.87	30.75
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.23
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.91
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	25.03	24.88



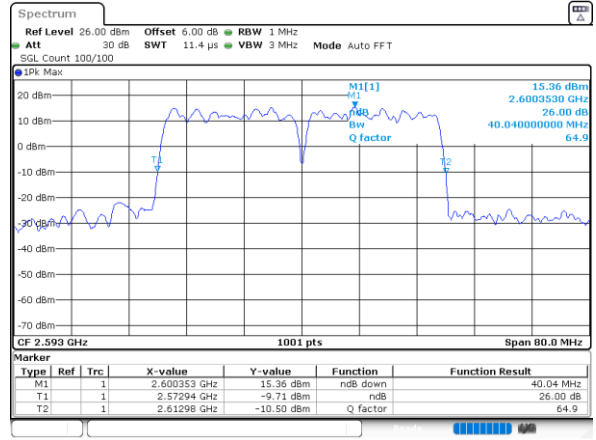
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



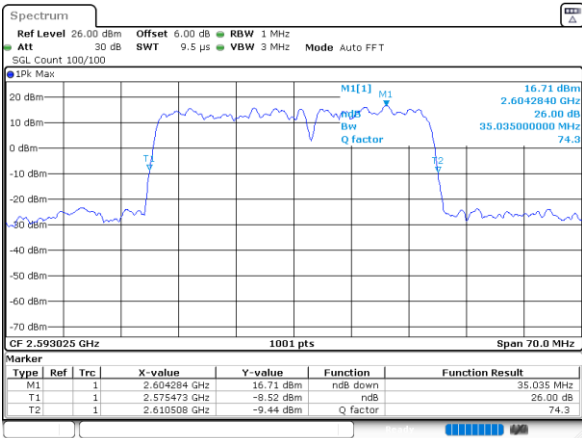
Date: 3, JAN, 2023 06:45:23

Middle Channel / 20MHz+20MHz / 16QAM



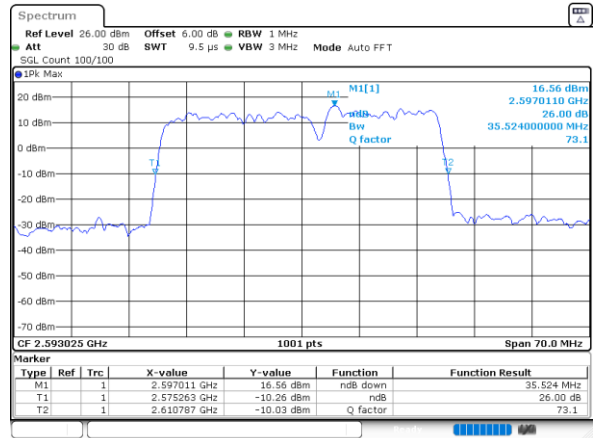
Date: 3, JAN, 2023 06:46:25

Middle Channel / 20MHz+15MHz / QPSK



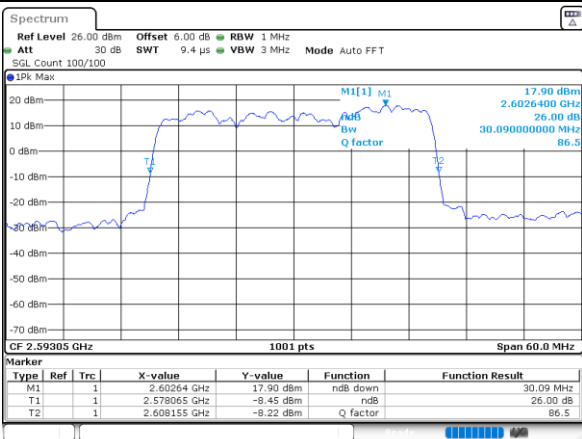
Date: 3, JAN, 2023 06:41:39

Middle Channel / 20MHz+15MHz / 16QAM



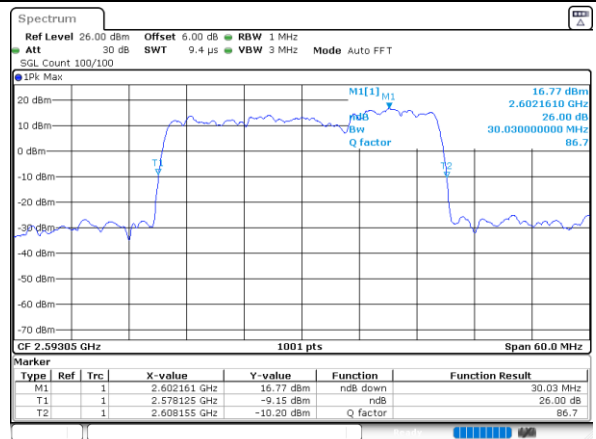
Date: 3, JAN, 2023 06:42:55

Middle Channel / 20MHz+10MHz / QPSK



Date: 3, JAN, 2023 06:13:50

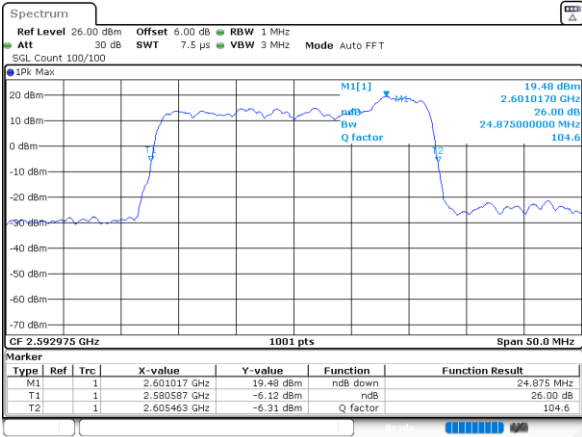
Middle Channel / 20MHz+10MHz / 16QAM



Date: 3, JAN, 2023 06:16:46

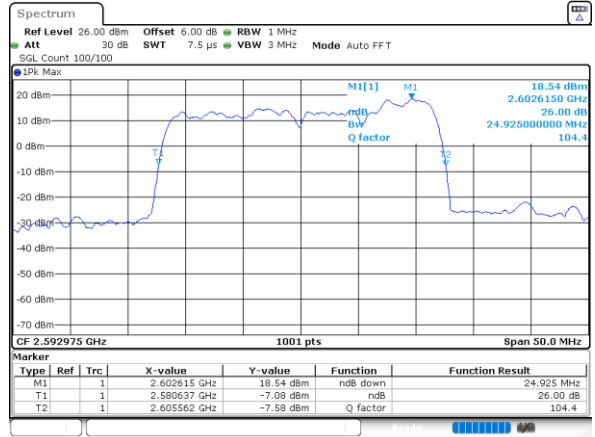


Middle Channel / 20MHz+5MHz / QPSK



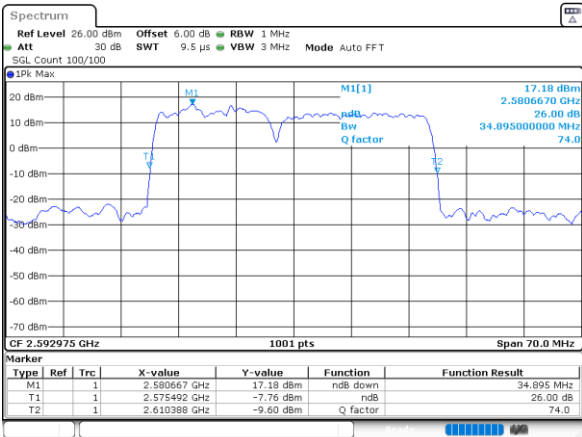
Date: 3, JAN, 2023 06:38:22

Middle Channel / 20MHz+5MHz / 16QAM



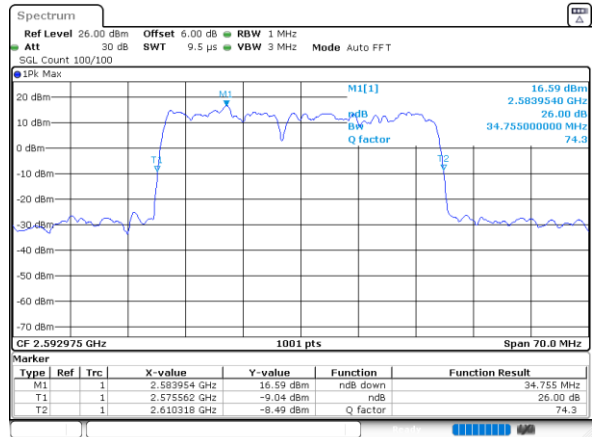
Date: 3, JAN, 2023 06:40:00

Middle Channel / 15MHz+20MHz / QPSK



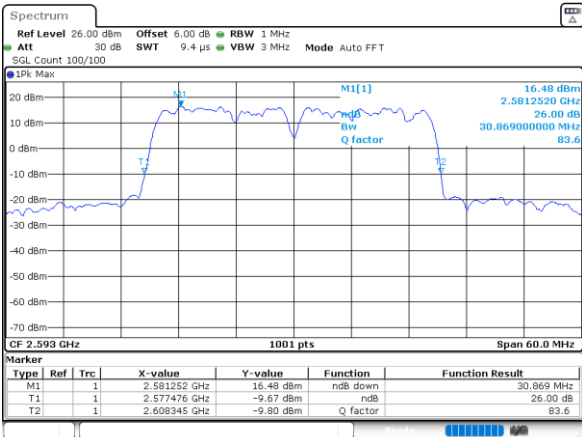
Date: 3, JAN, 2023 06:26:28

Middle Channel / 15MHz+20MHz / 16QAM



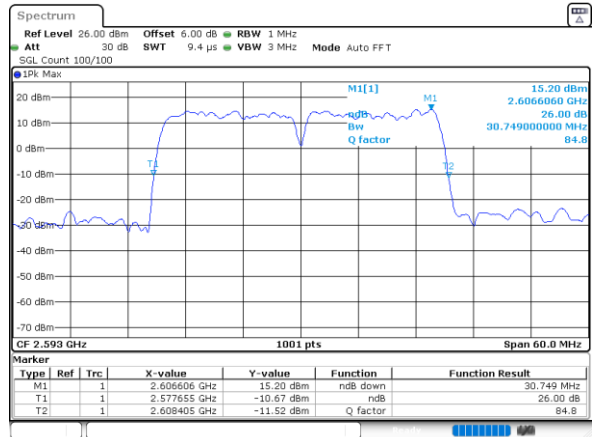
Date: 3, JAN, 2023 06:27:38

Middle Channel / 15MHz+15MHz / QPSK



Date: 3, JAN, 2023 06:29:47

Middle Channel / 15MHz+15MHz / 16QAM



Date: 3, JAN, 2023 06:30:51