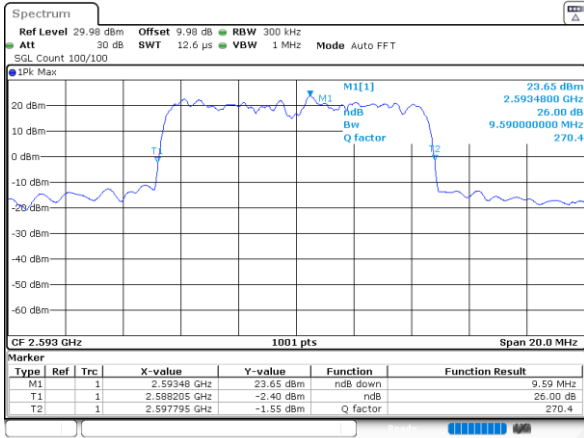




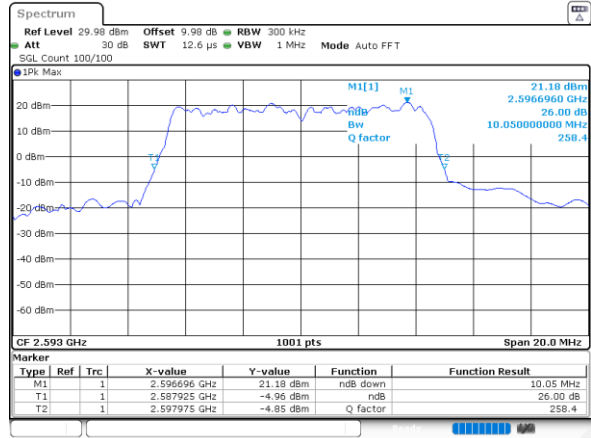
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 28.APR.2023 15:16:55

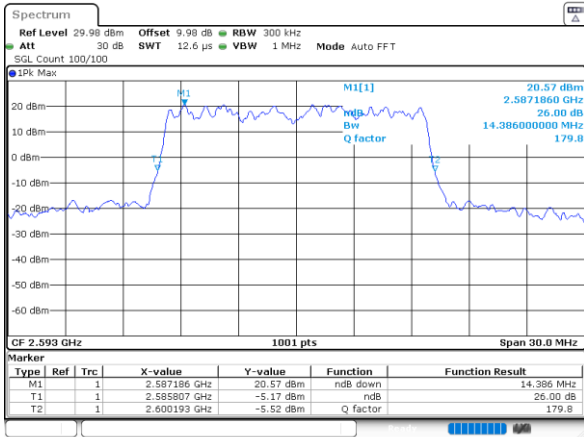
Middle Channel / 10MHz / 16QAM



Date: 28.APR.2023 15:17:35

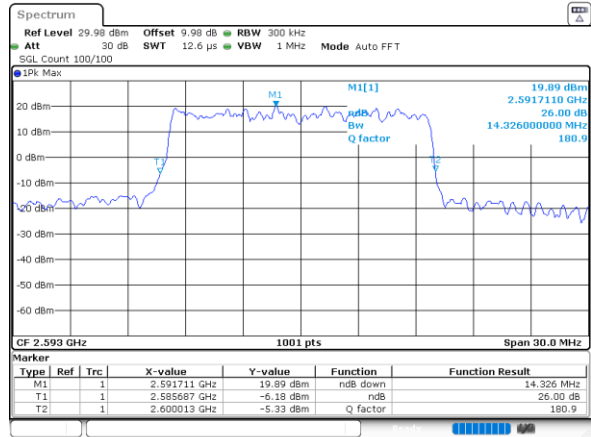
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 28.APR.2023 15:18:40

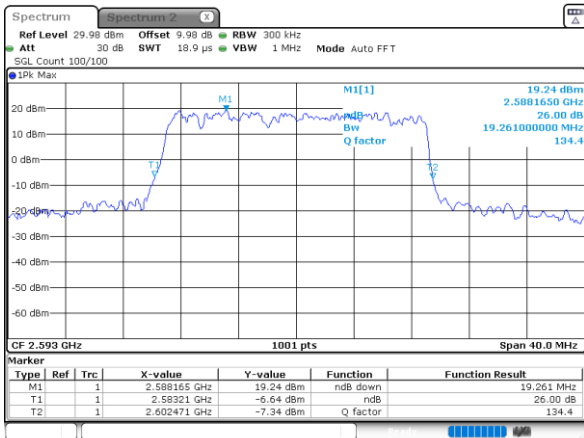
Middle Channel / 15MHz / 16QAM



Date: 28.APR.2023 15:19:22

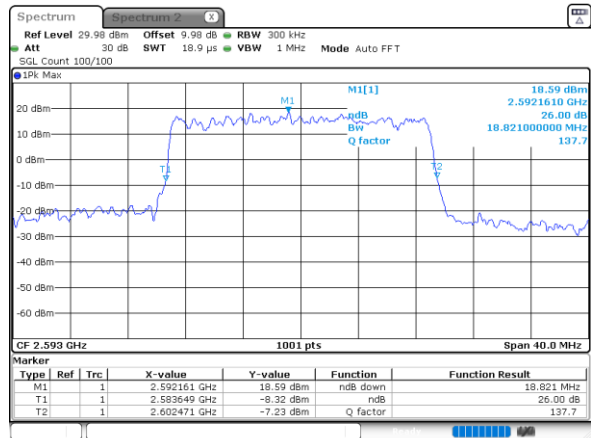
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28.APR.2023 12:56:47

Middle Channel / 20MHz / 16QAM

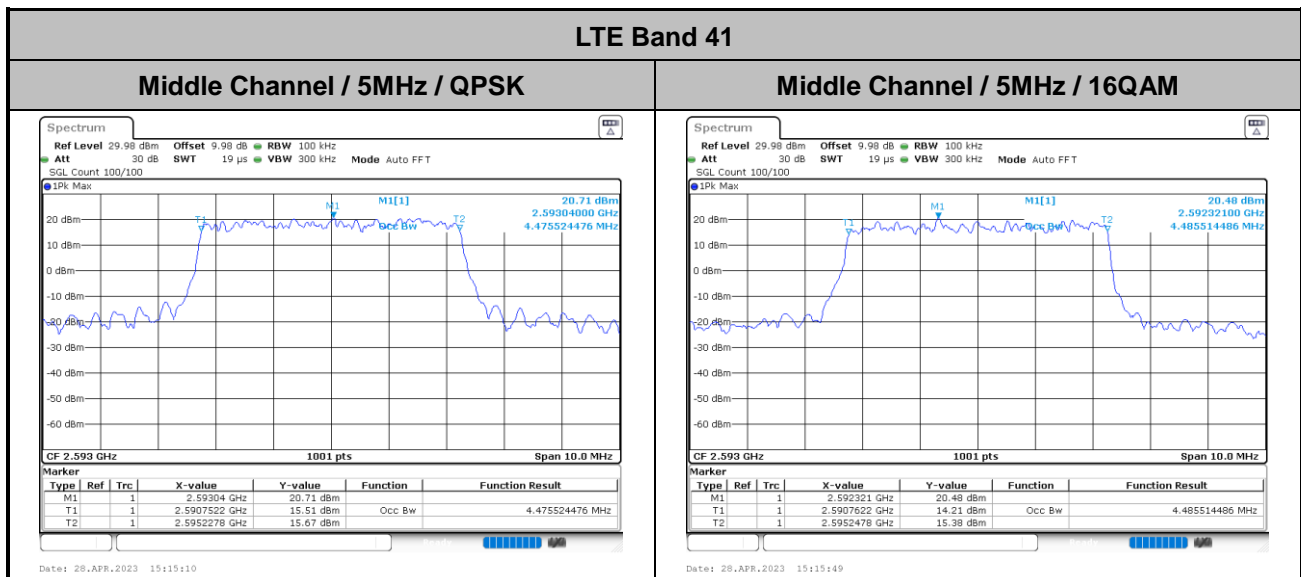


Date: 28.APR.2023 12:59:45



Occupied Bandwidth

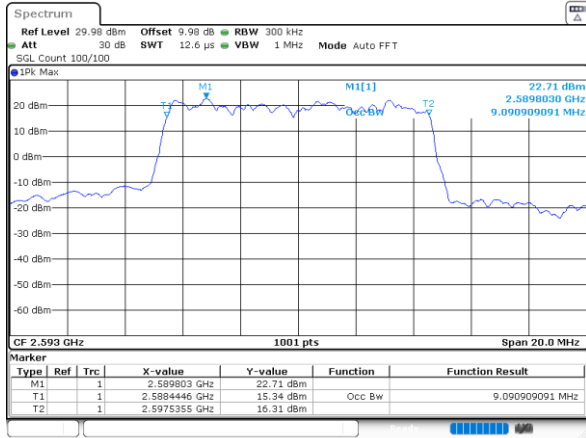
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.09
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.98	17.90





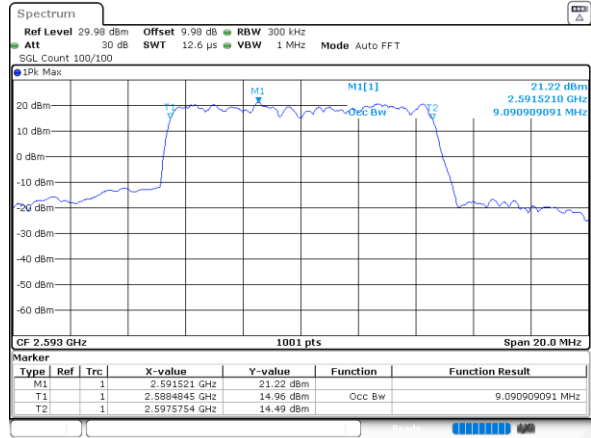
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 28.APR.2023 15:16:37

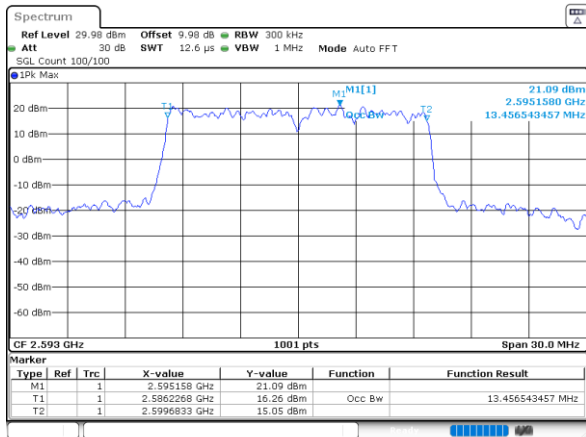
Middle Channel / 10MHz / 16QAM



Date: 28.APR.2023 15:17:16

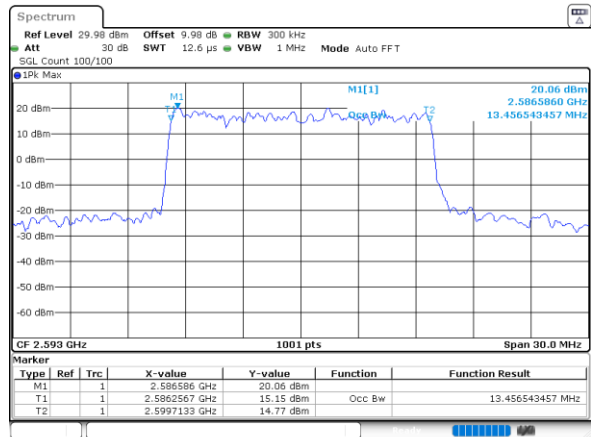
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 28.APR.2023 15:18:21

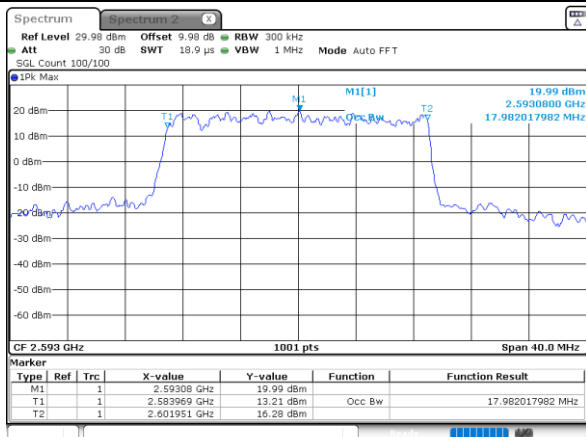
Middle Channel / 15MHz / 16QAM



Date: 28.APR.2023 15:19:03

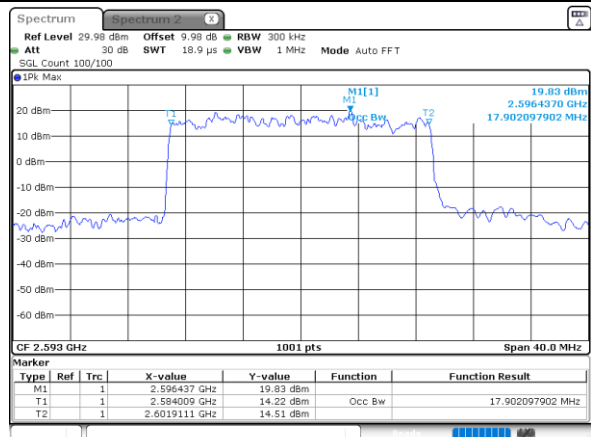
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28.APR.2023 12:59:08

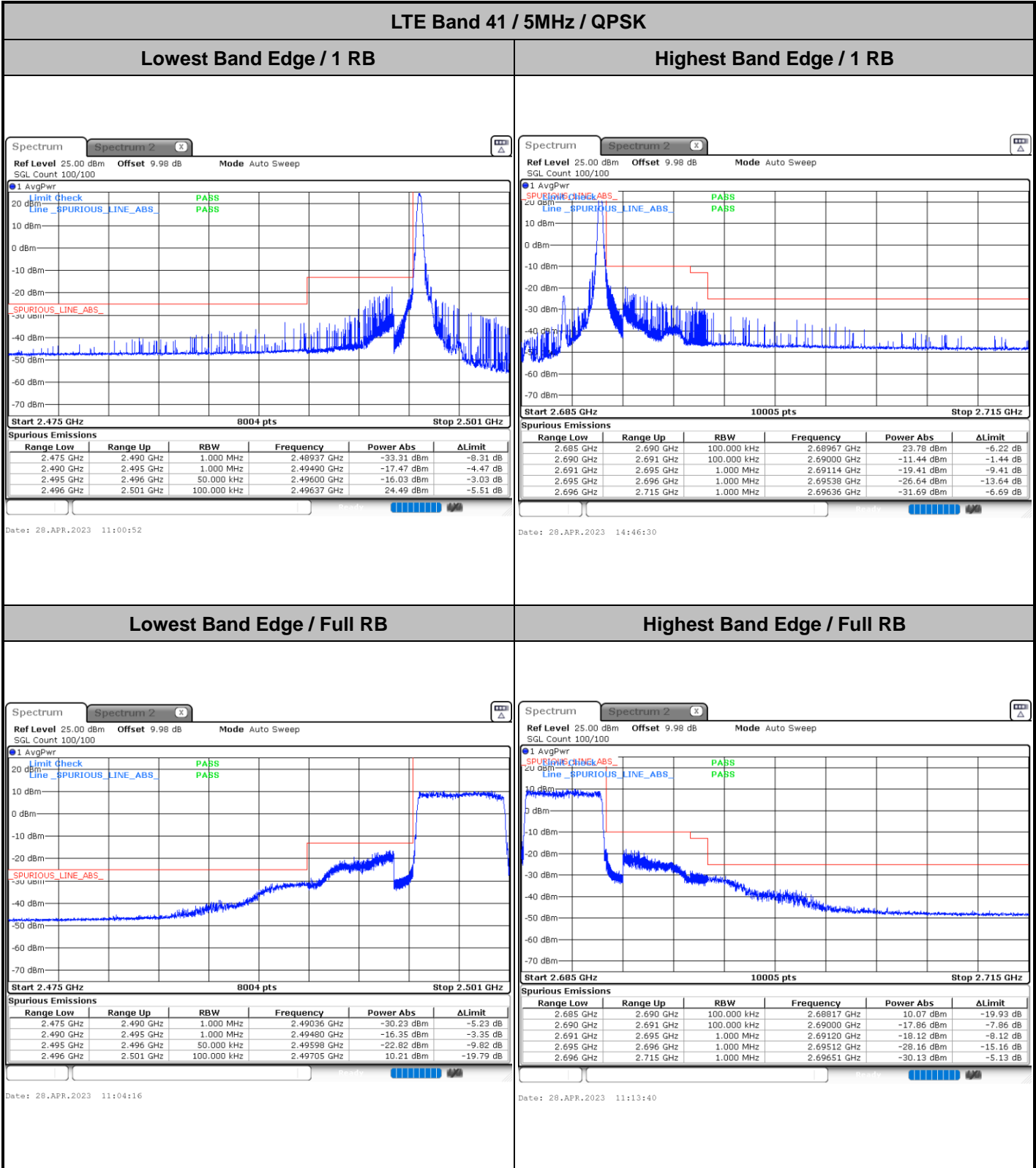
Middle Channel / 20MHz / 16QAM



Date: 28.APR.2023 12:59:29



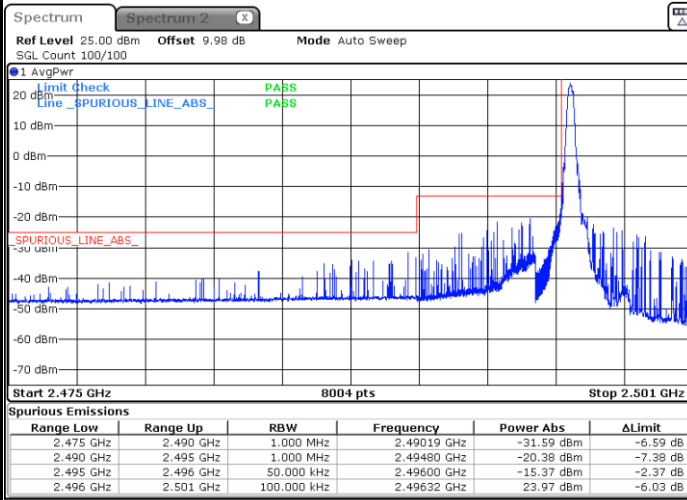
Conducted Band Edge





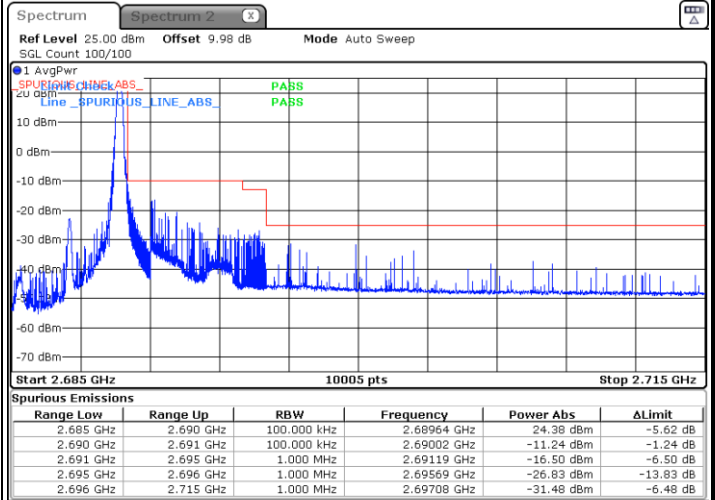
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



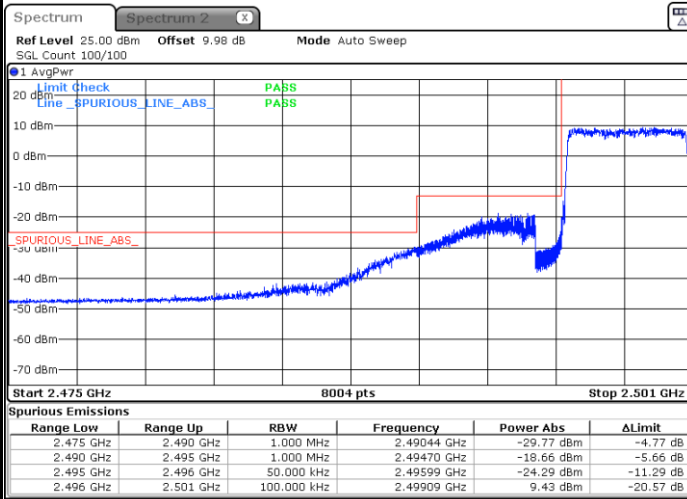
Date: 28.APR.2023 11:01:42

Highest Band Edge / 1 RB



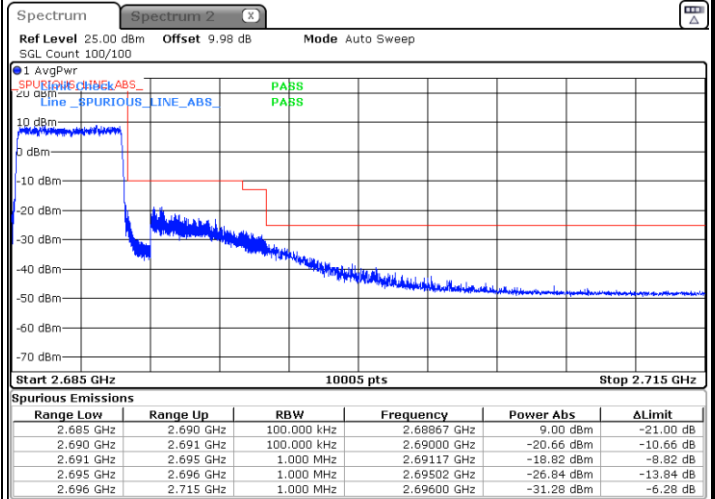
Date: 28.APR.2023 11:11:07

Lowest Band Edge / Full RB



Date: 28.APR.2023 11:05:07

Highest Band Edge / Full RB

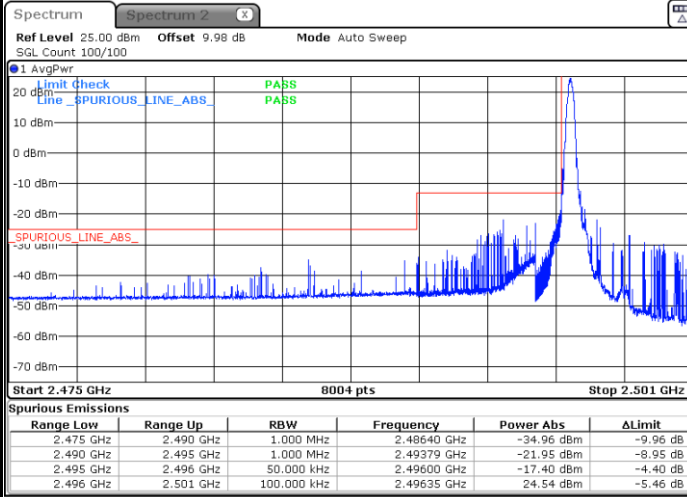


Date: 28.APR.2023 11:14:30



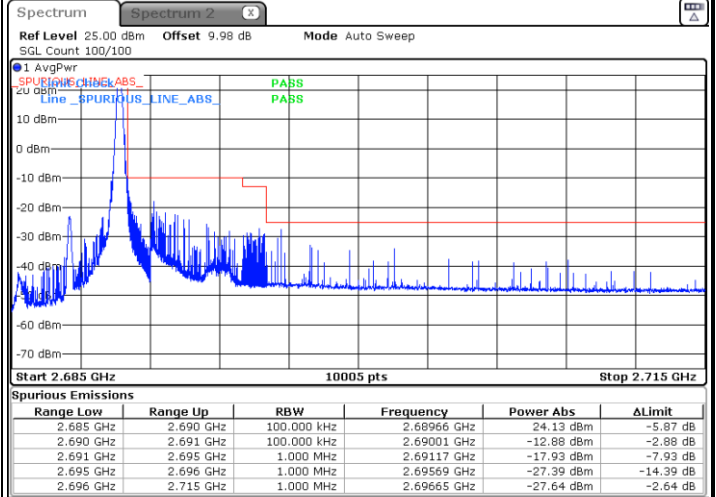
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



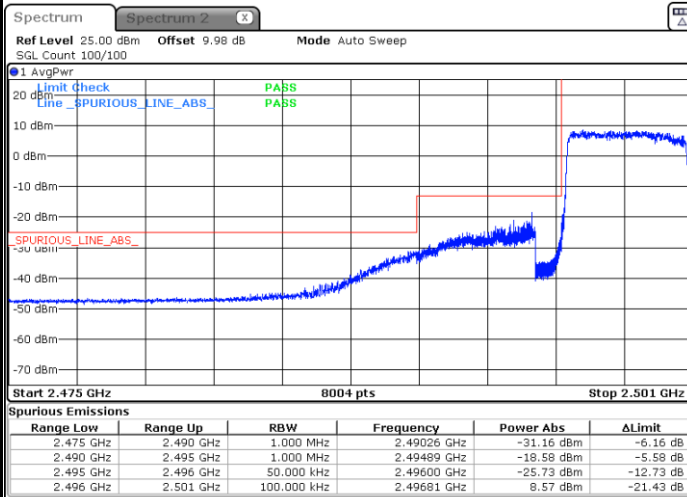
Date: 28.APR.2023 11:02:33

Highest Band Edge / 1 RB



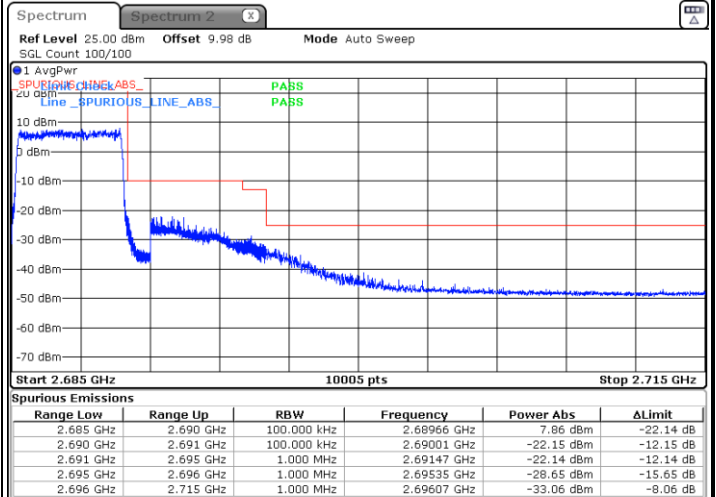
Date: 28.APR.2023 11:11:56

Lowest Band Edge / Full RB



Date: 28.APR.2023 11:05:57

Highest Band Edge / Full RB

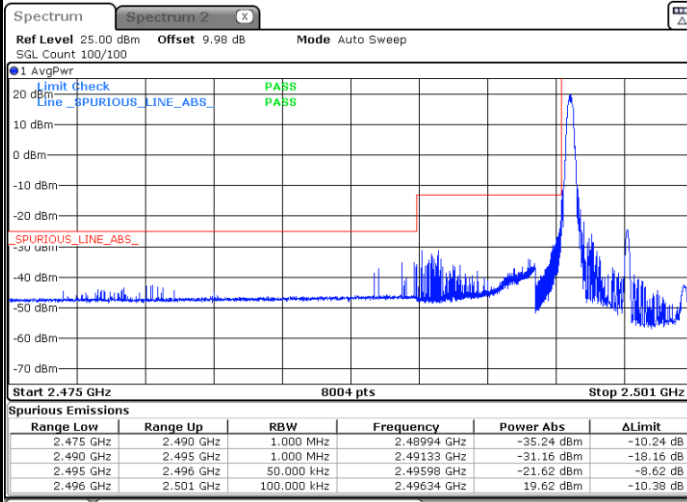


Date: 28.APR.2023 11:15:20



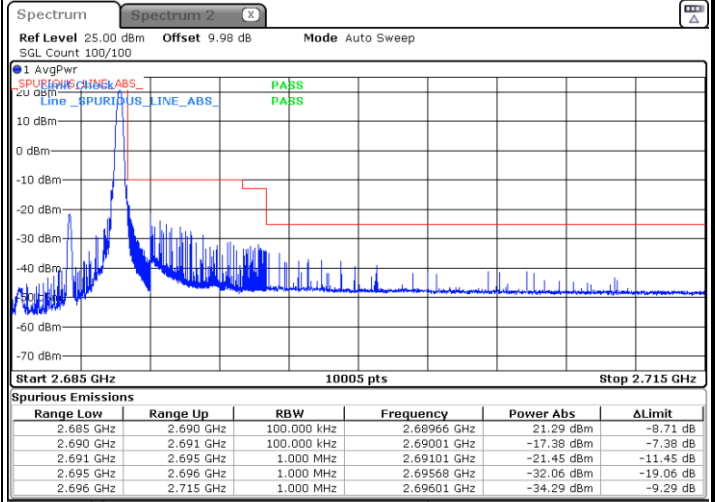
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



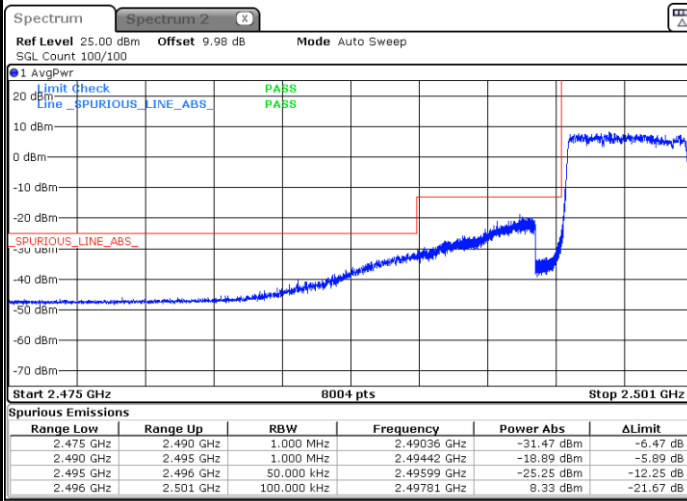
Date: 28.APR.2023 11:03:23

Highest Band Edge / 1 RB



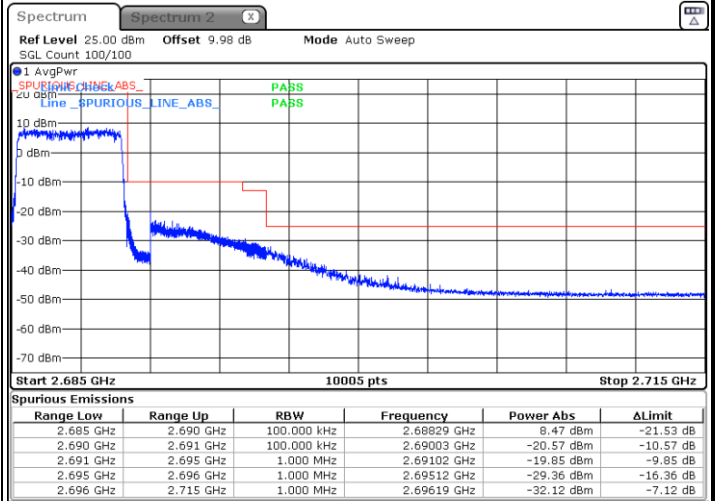
Date: 28.APR.2023 11:12:47

Lowest Band Edge / Full RB



Date: 28.APR.2023 11:06:47

Highest Band Edge / Full RB

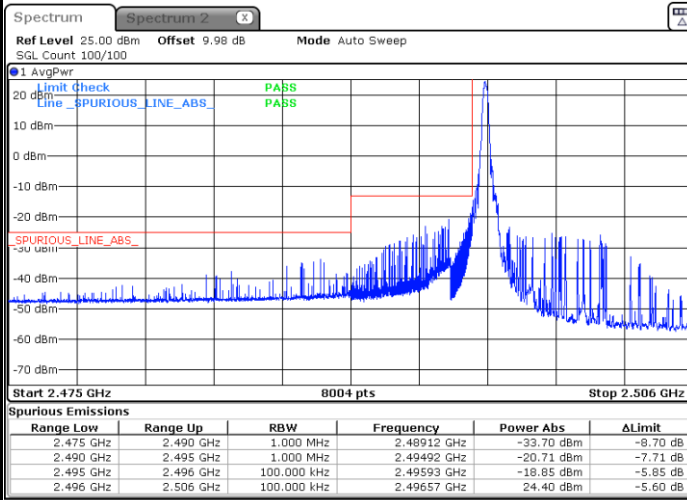


Date: 28.APR.2023 11:16:10



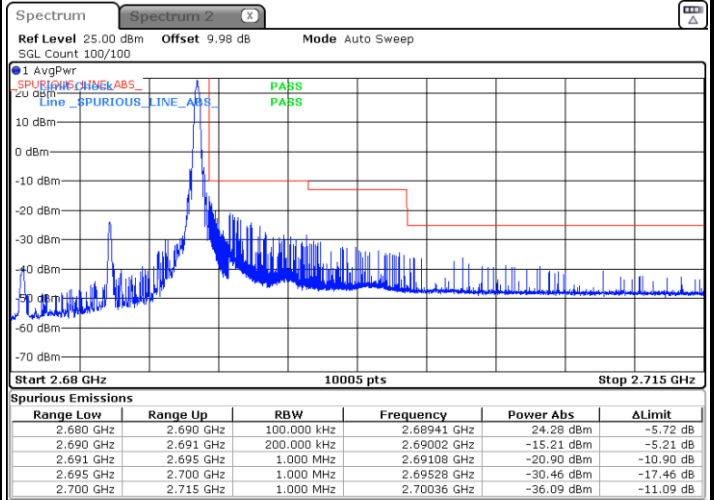
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



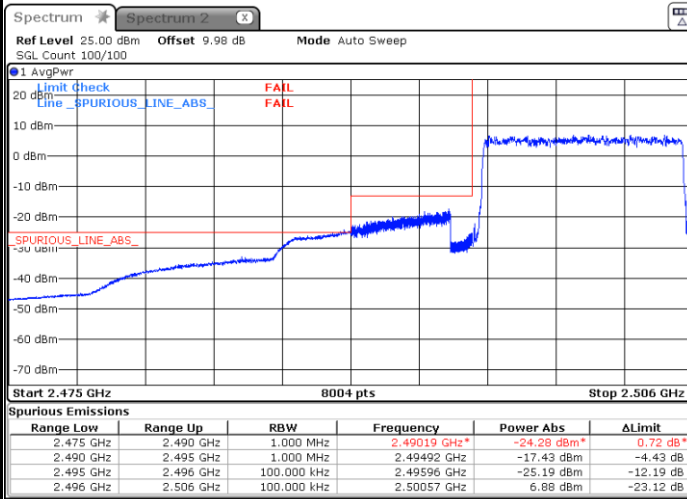
Date: 28.APR.2023 11:18:23

Highest Band Edge / 1 RB



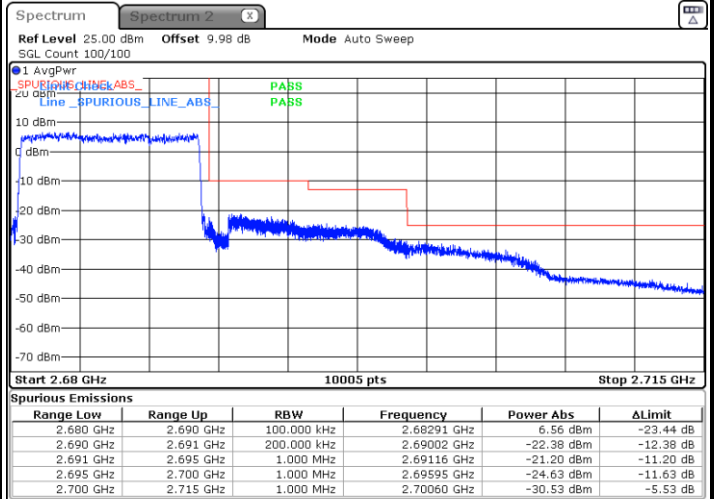
Date: 28.APR.2023 11:29:02

Lowest Band Edge / Full RB



Date: 28.APR.2023 13:30:23

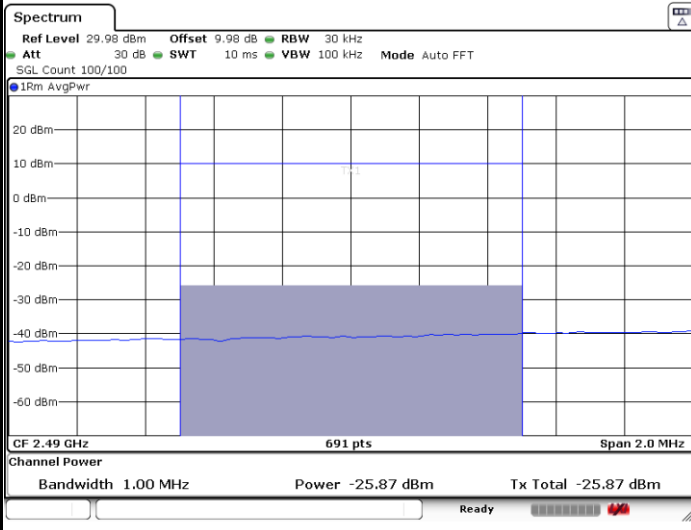
Highest Band Edge / Full RB



Date: 28.APR.2023 11:32:25



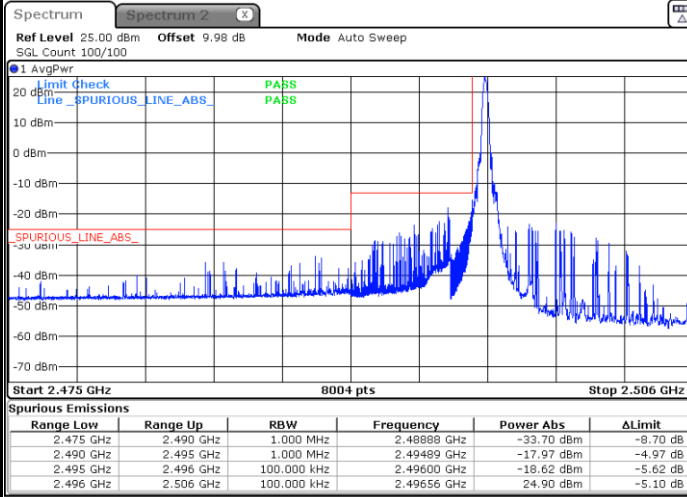
Lowest Band Edge / Full RB-Channel Power





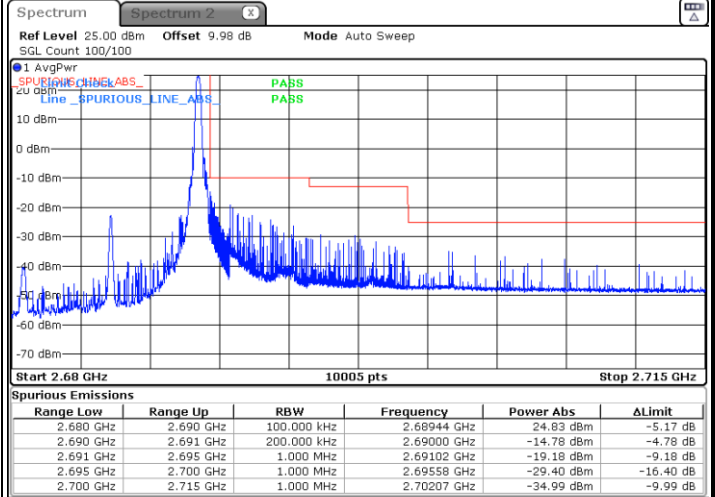
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



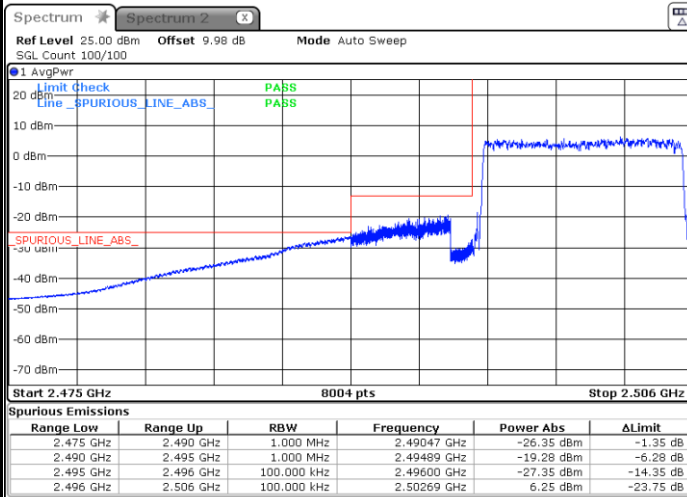
Date: 28.APR.2023 11:19:13

Highest Band Edge / 1 RB



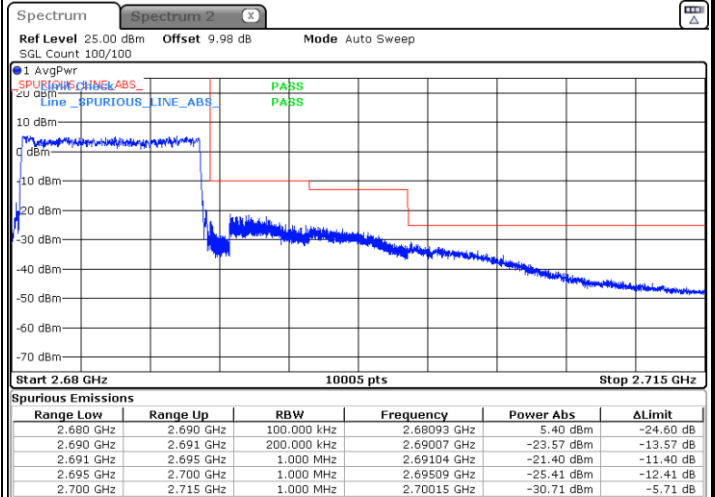
Date: 28.APR.2023 11:29:52

Lowest Band Edge / Full RB



Date: 28.APR.2023 13:27:33

Highest Band Edge / Full RB

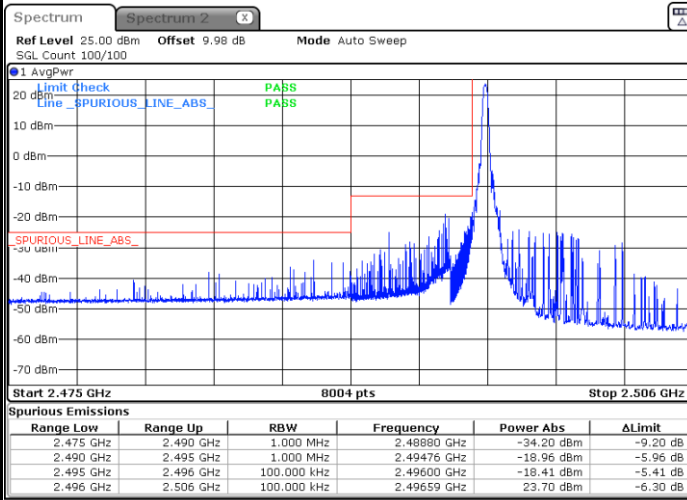


Date: 28.APR.2023 11:33:16



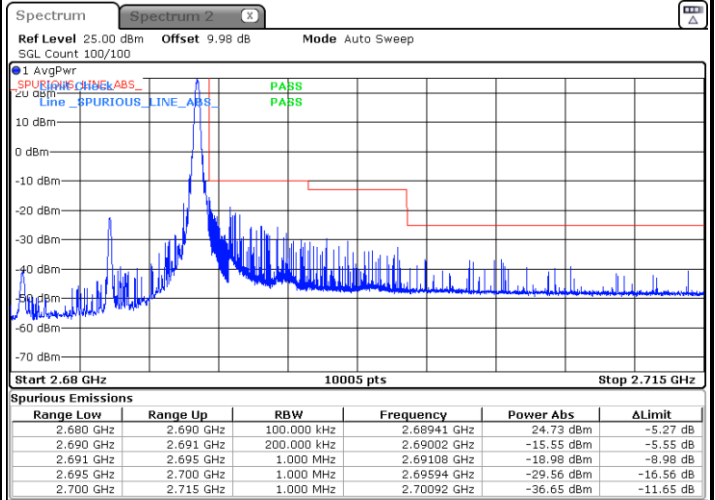
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



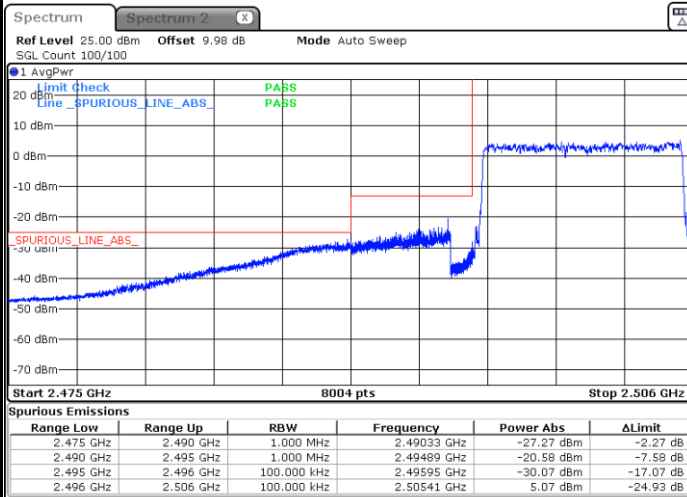
Date: 28.APR.2023 11:20:03

Highest Band Edge / 1 RB



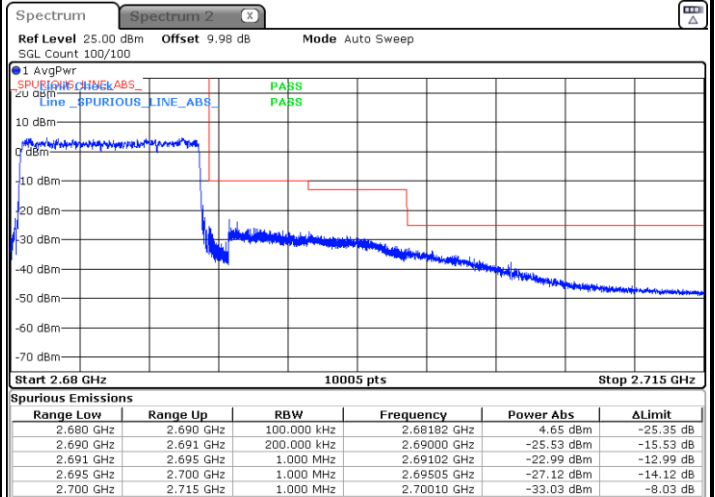
Date: 28.APR.2023 11:30:42

Lowest Band Edge / Full RB



Date: 28.APR.2023 11:23:27

Highest Band Edge / Full RB

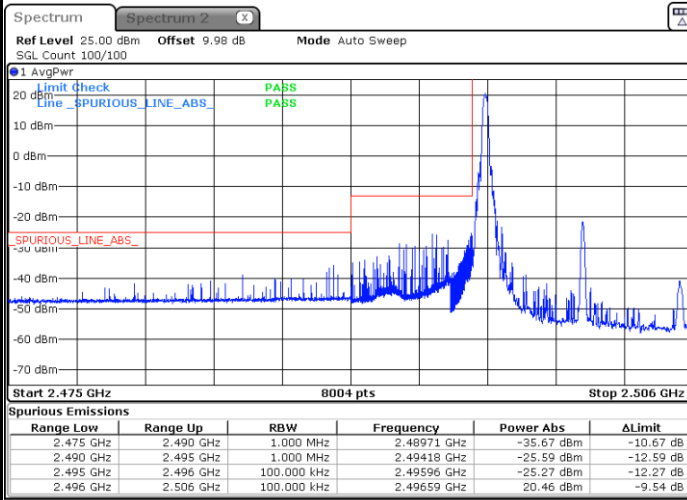


Date: 28.APR.2023 11:34:06



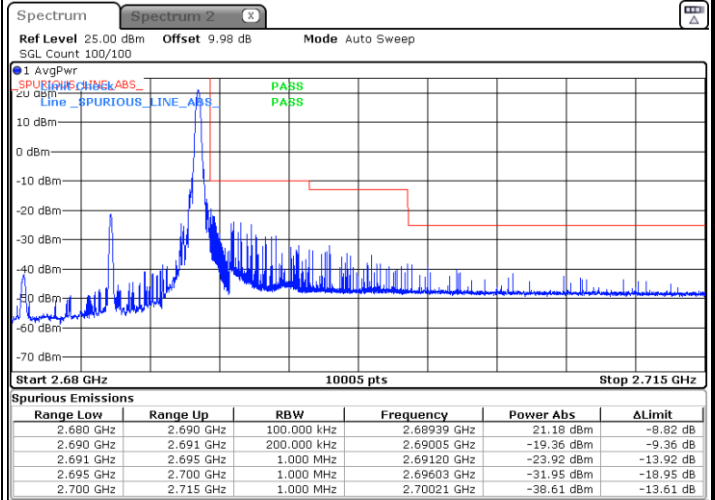
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



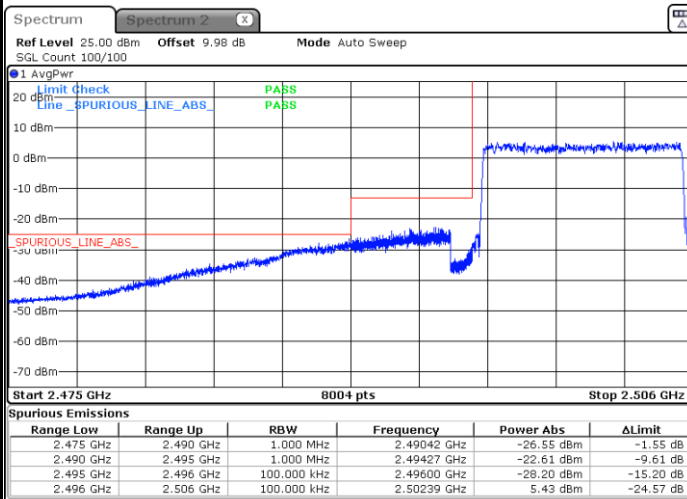
Date: 28.APR.2023 11:20:54

Highest Band Edge / 1 RB



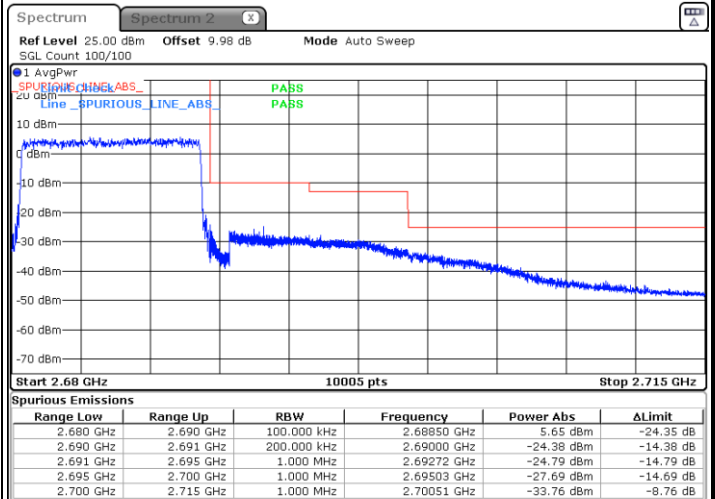
Date: 28.APR.2023 11:31:32

Lowest Band Edge / Full RB



Date: 28.APR.2023 11:24:18

Highest Band Edge / Full RB



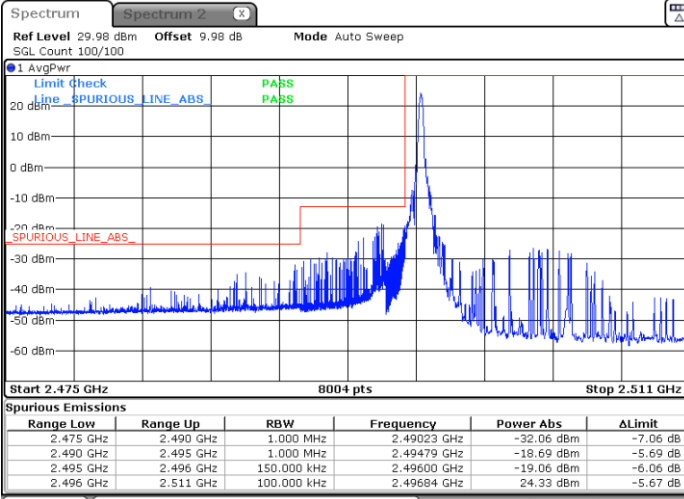
Date: 28.APR.2023 11:34:56



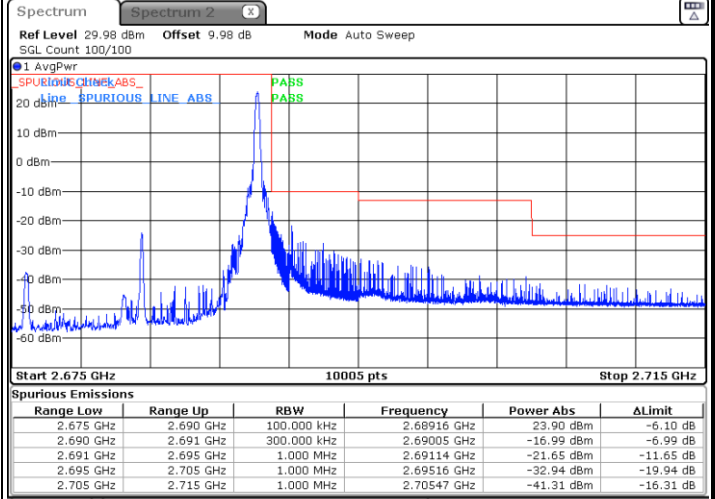
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



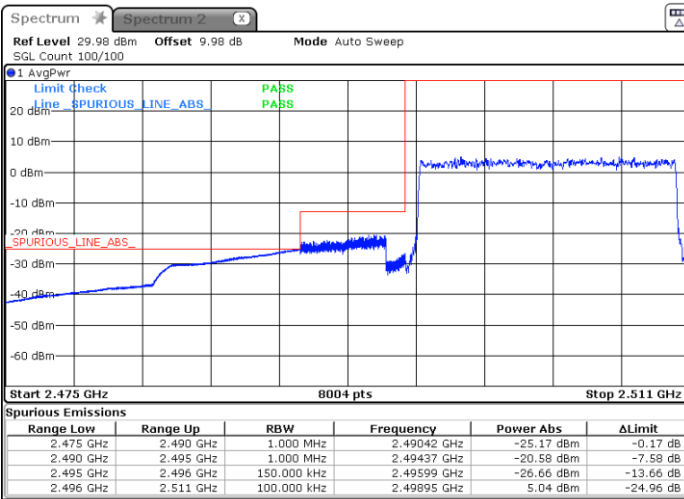
Date: 28.APR.2023 12:18:33



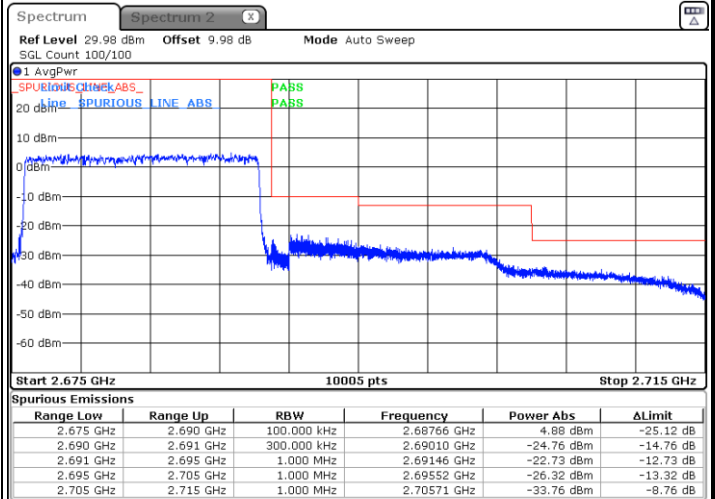
Date: 28.APR.2023 12:29:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



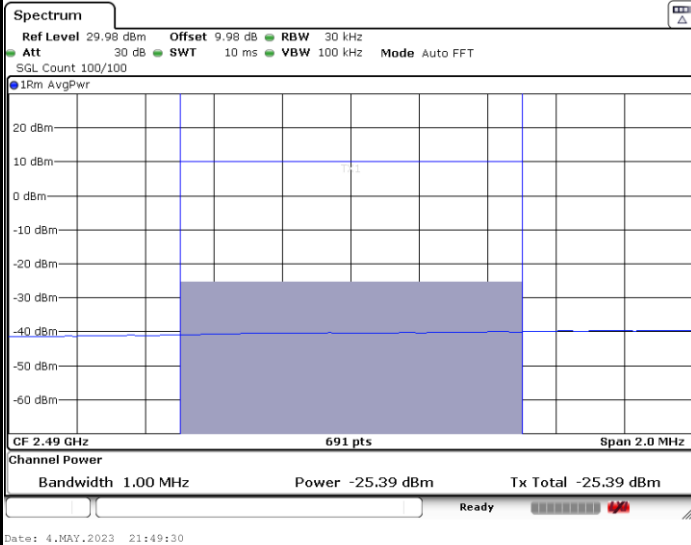
Date: 28.APR.2023 15:00:00



Date: 28.APR.2023 12:32:35



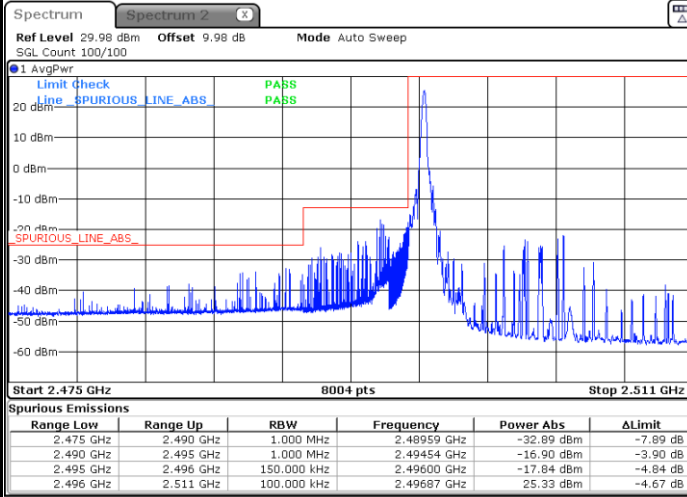
Lowest Band Edge / Full RB-Channel Power





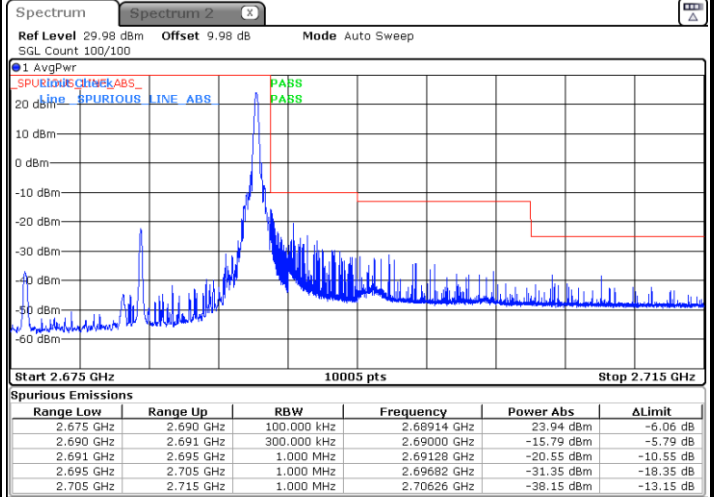
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



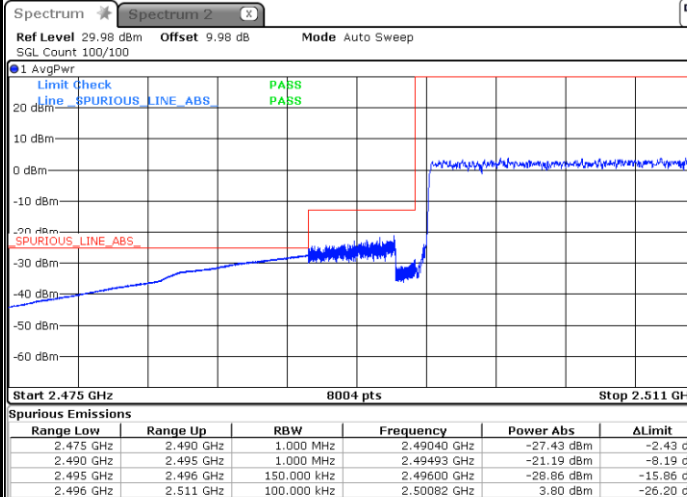
Date: 28.APR.2023 12:19:24

Highest Band Edge / 1 RB



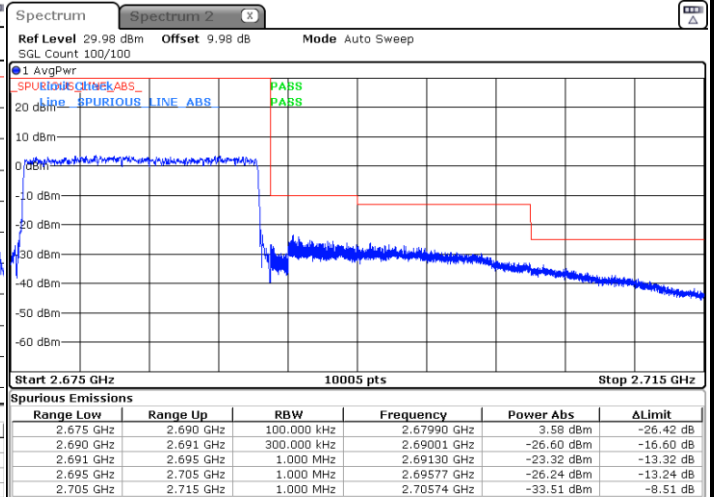
Date: 28.APR.2023 12:30:02

Lowest Band Edge / Full RB



Date: 28.APR.2023 15:02:16

Highest Band Edge / Full RB

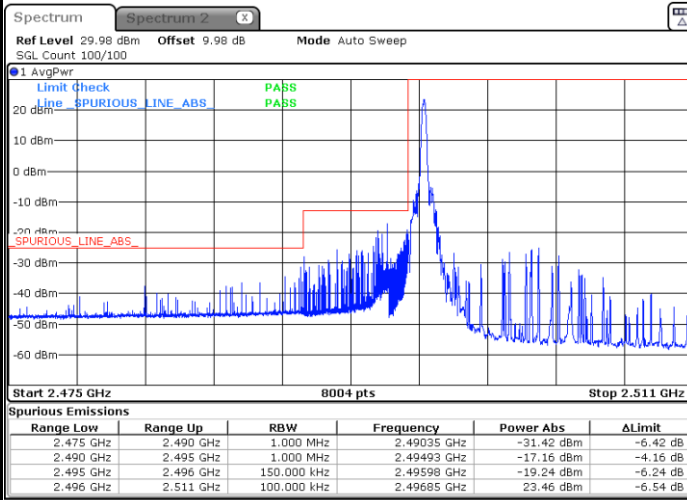


Date: 28.APR.2023 12:33:25



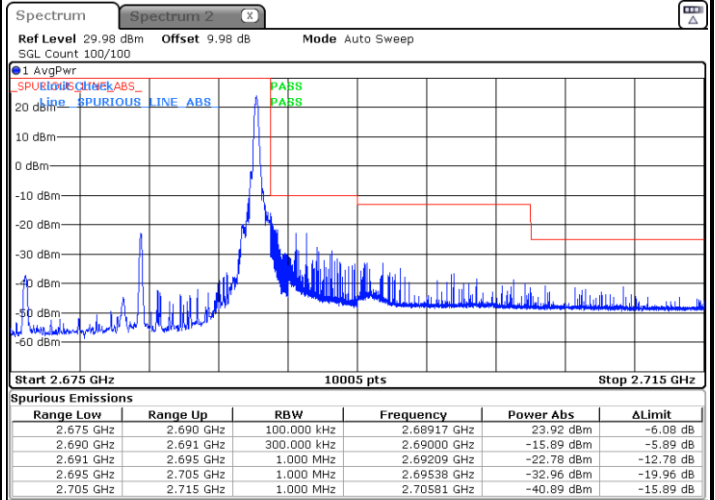
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



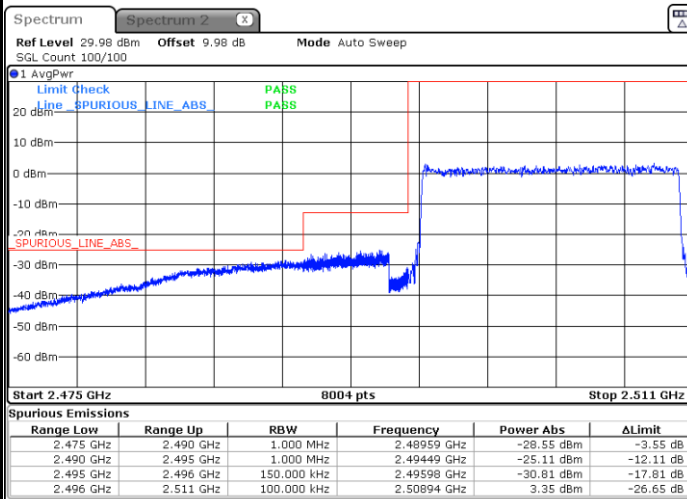
Date: 28.APR.2023 12:20:14

Highest Band Edge / 1 RB



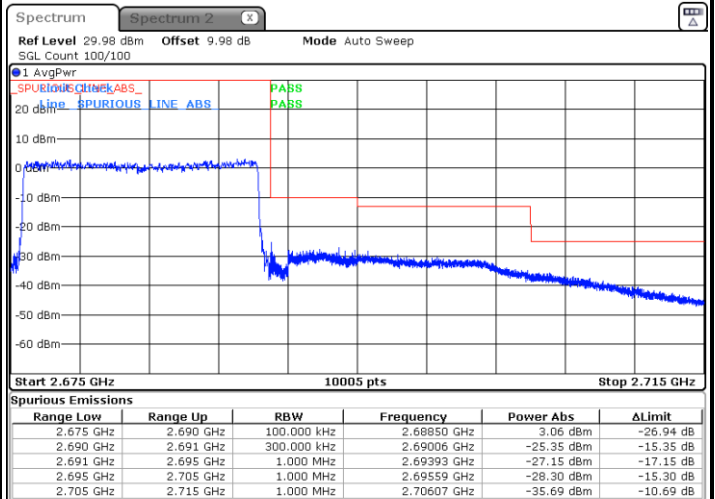
Date: 28.APR.2023 12:30:52

Lowest Band Edge / Full RB



Date: 28.APR.2023 12:23:38

Highest Band Edge / Full RB



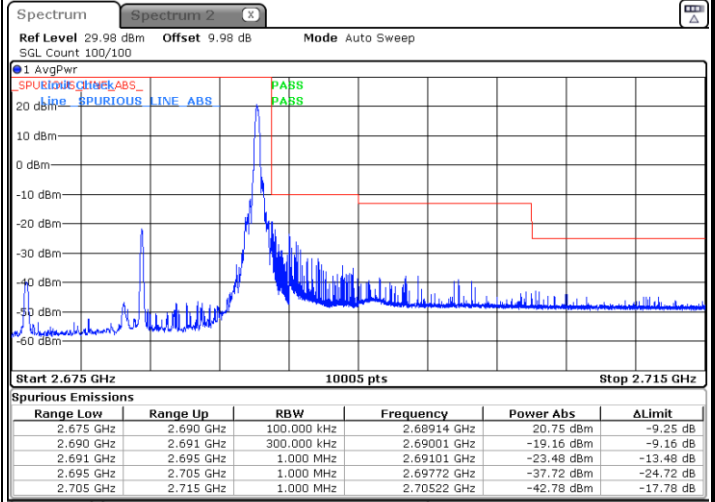
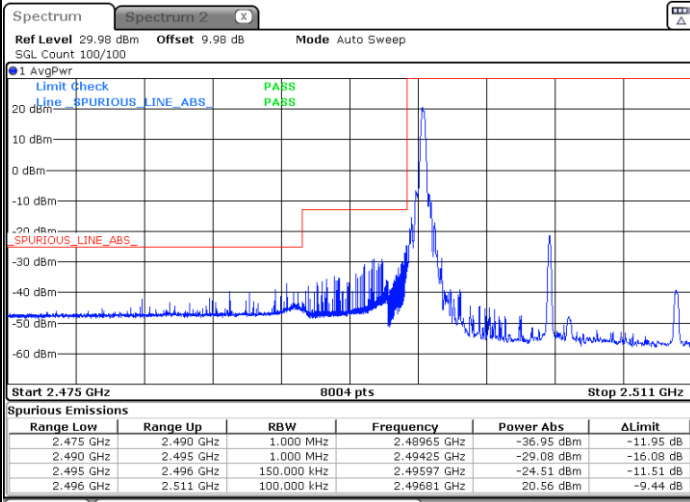
Date: 28.APR.2023 12:34:15



LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

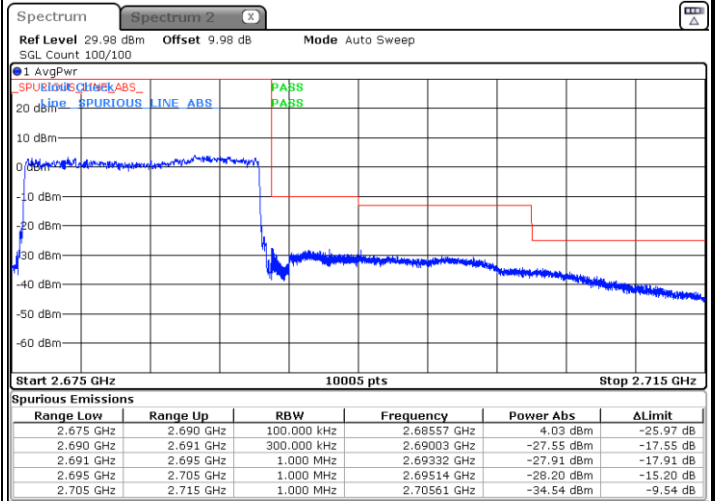
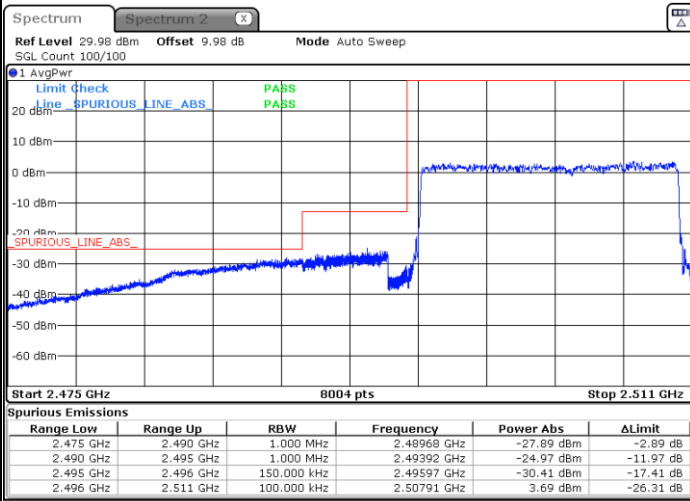


Date: 28.APR.2023 12:21:05

Date: 28.APR.2023 12:31:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



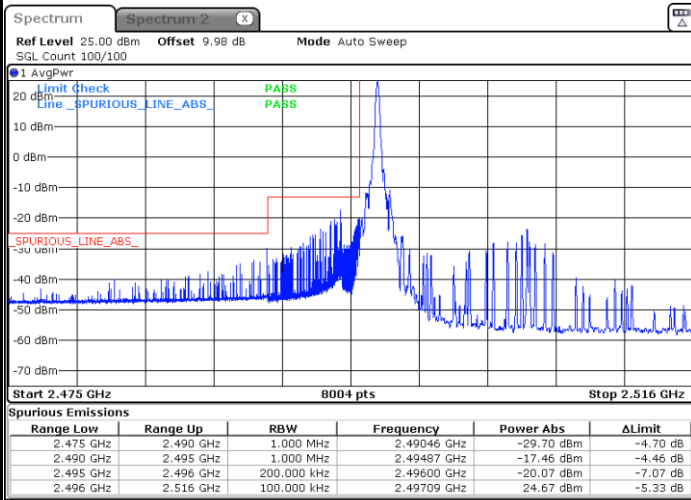
Date: 28.APR.2023 12:24:28

Date: 28.APR.2023 12:35:05



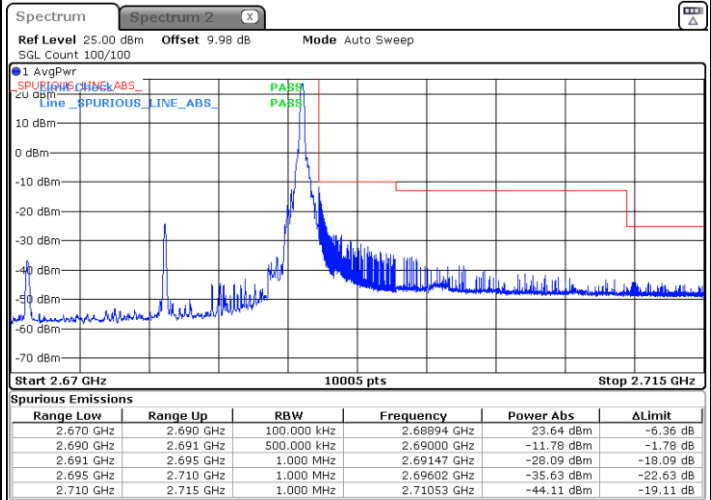
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



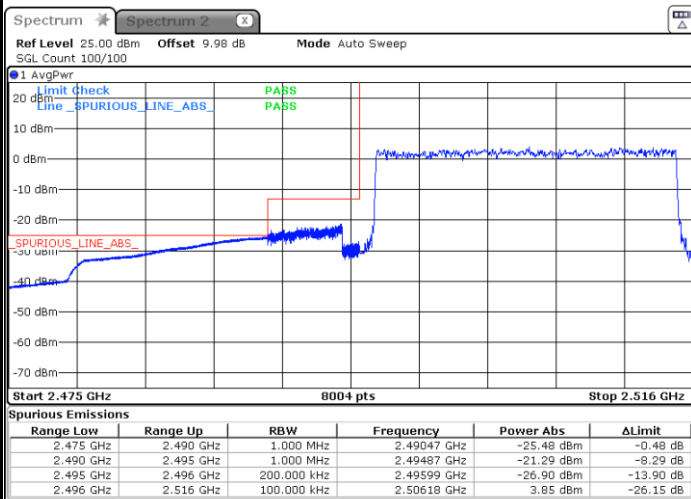
Date: 28.APR.2023 12:41:37

Highest Band Edge / 1 RB



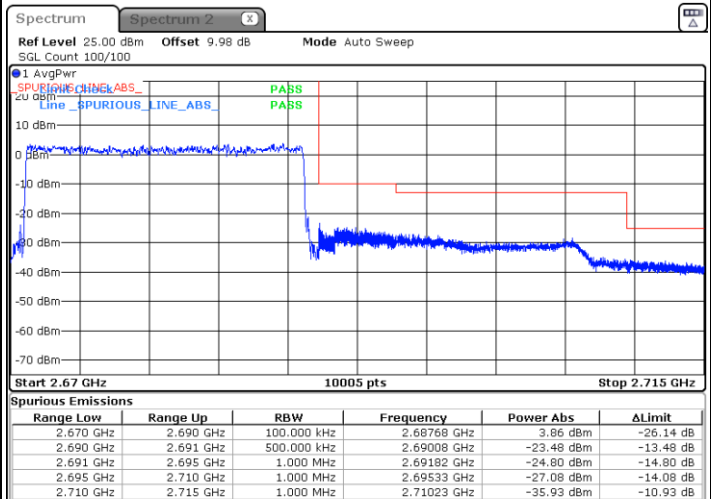
Date: 28.APR.2023 12:52:16

Lowest Band Edge / Full RB



Date: 28.APR.2023 14:52:48

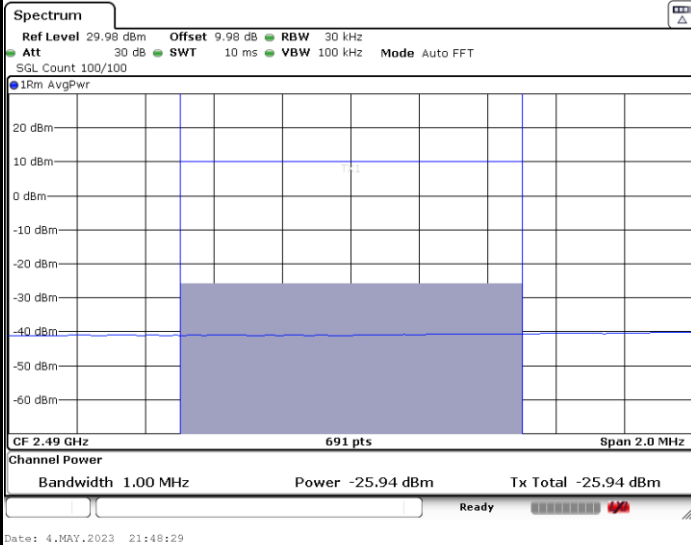
Highest Band Edge / Full RB



Date: 28.APR.2023 12:55:39



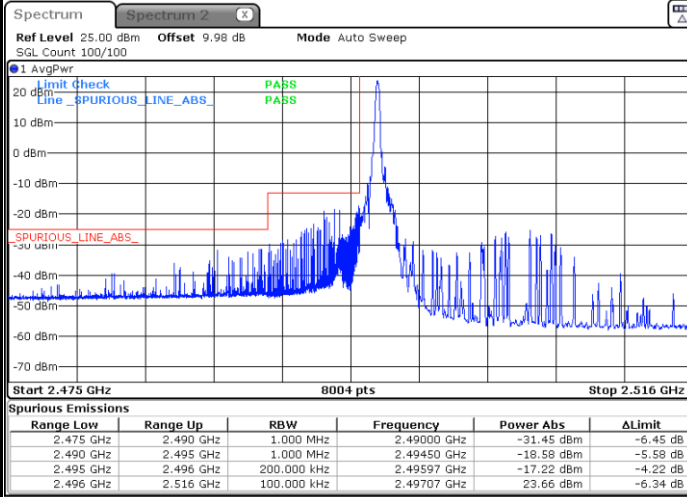
Lowest Band Edge / Full RB-Channel Power





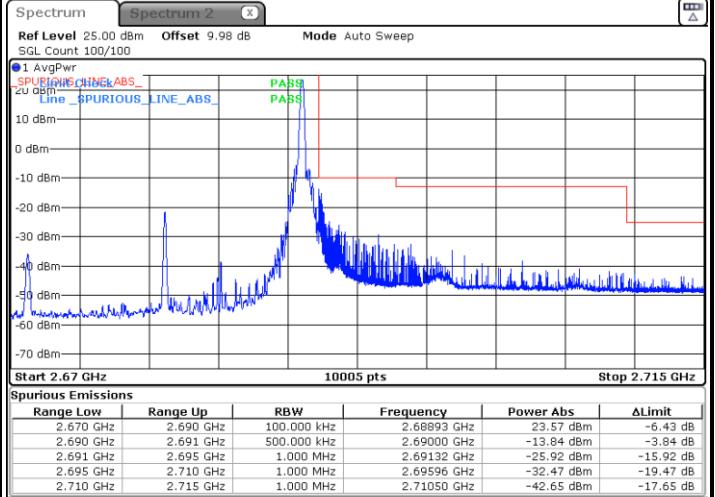
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



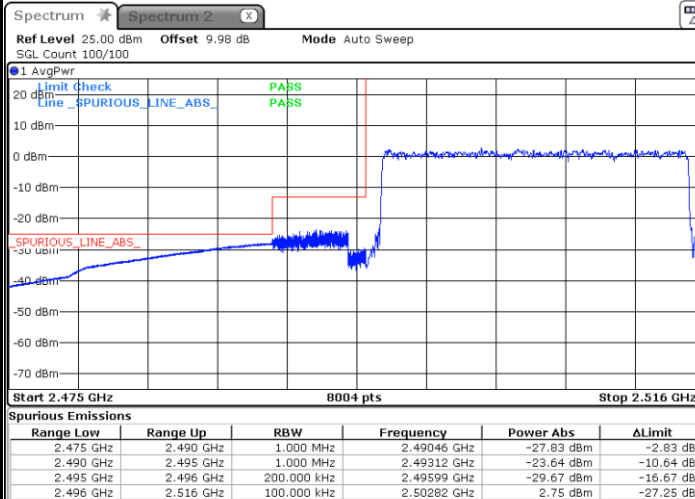
Date: 28.APR.2023 12:42:27

Highest Band Edge / 1 RB



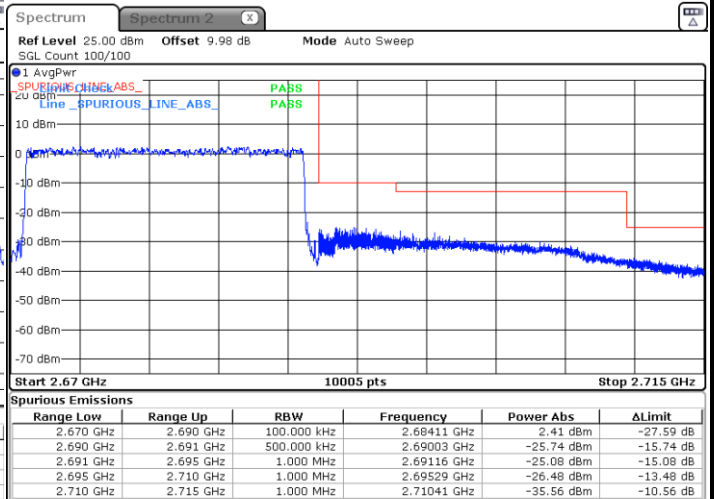
Date: 28.APR.2023 12:53:06

Lowest Band Edge / Full RB



Date: 28.APR.2023 14:55:42

Highest Band Edge / Full RB

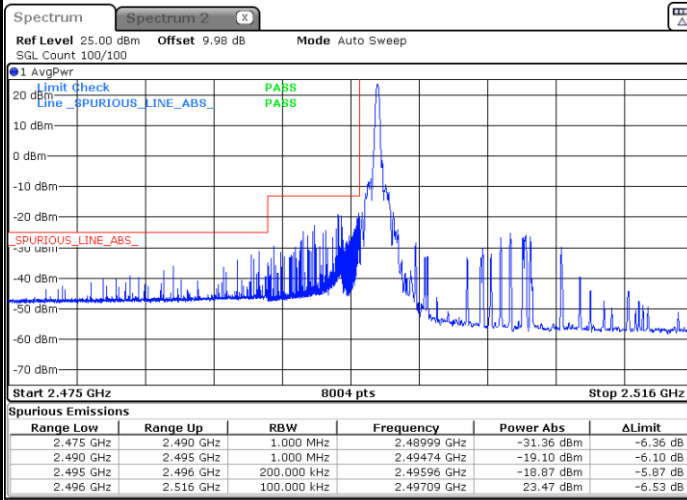


Date: 28.APR.2023 12:56:30



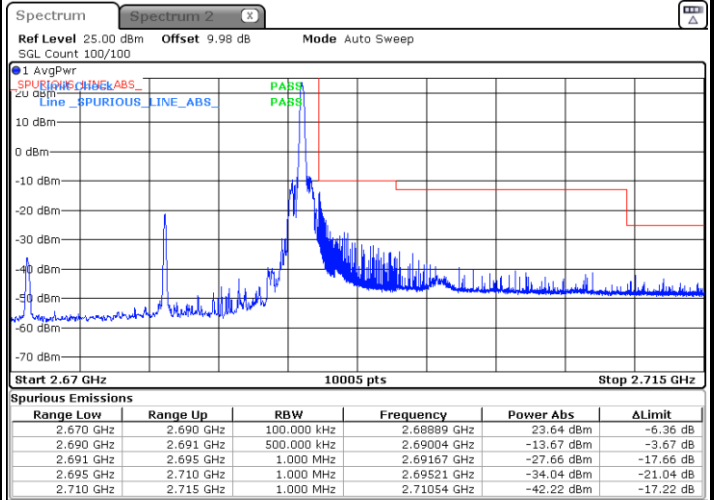
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



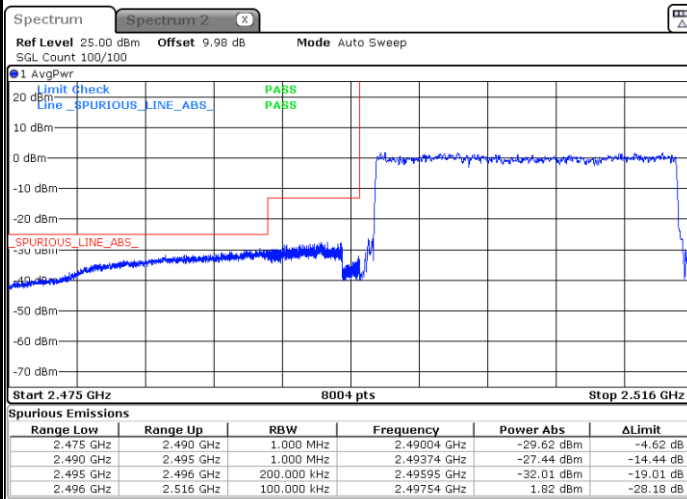
Date: 28.APR.2023 12:43:17

Highest Band Edge / 1 RB



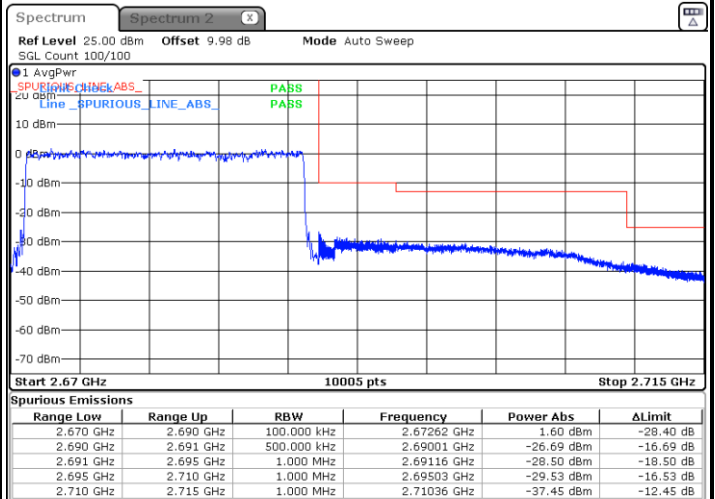
Date: 28.APR.2023 12:53:56

Lowest Band Edge / Full RB



Date: 28.APR.2023 12:46:42

Highest Band Edge / Full RB

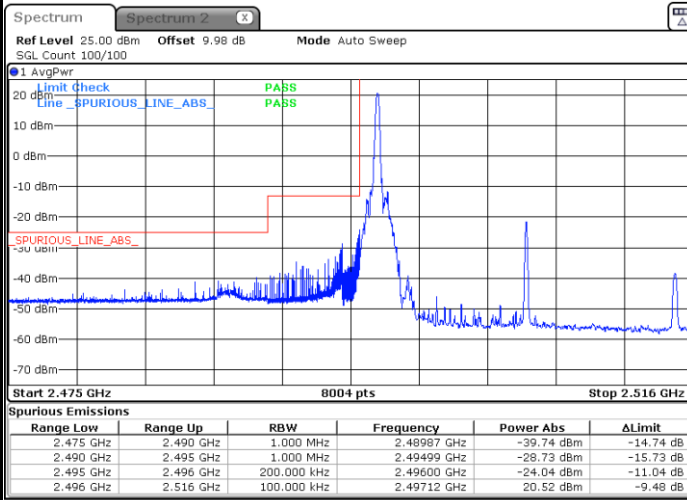


Date: 28.APR.2023 12:57:20



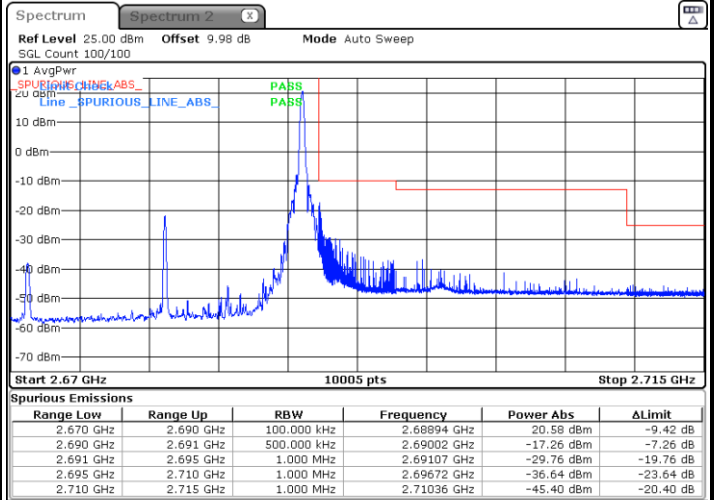
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



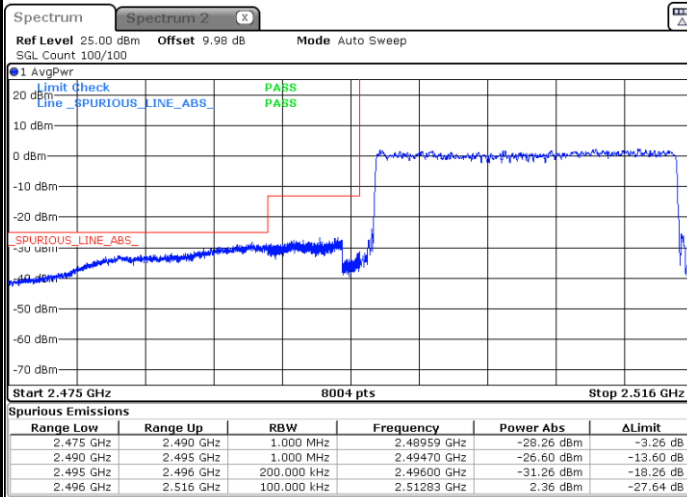
Date: 28.APR.2023 12:44:07

Highest Band Edge / 1 RB



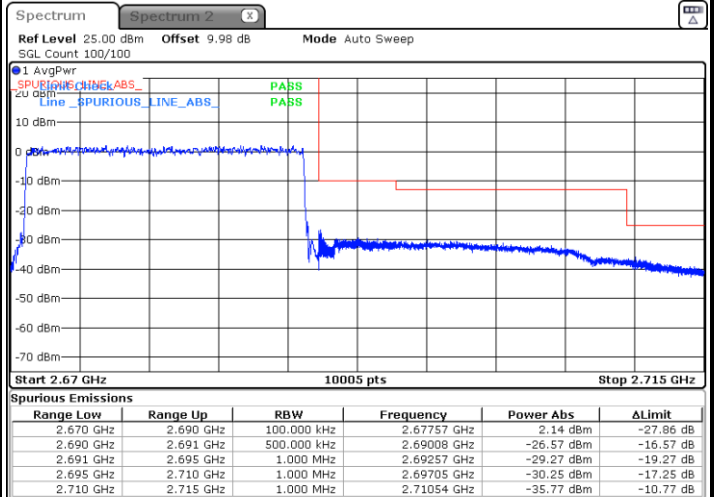
Date: 28.APR.2023 12:54:46

Lowest Band Edge / Full RB



Date: 28.APR.2023 12:47:32

Highest Band Edge / Full RB



Date: 28.APR.2023 12:58:10

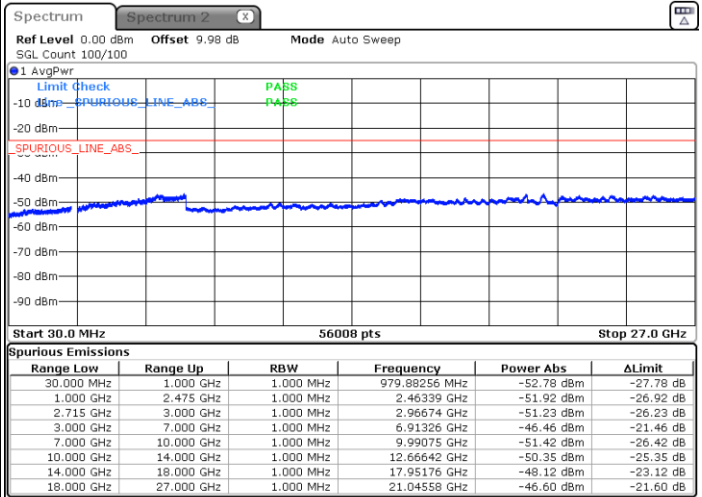
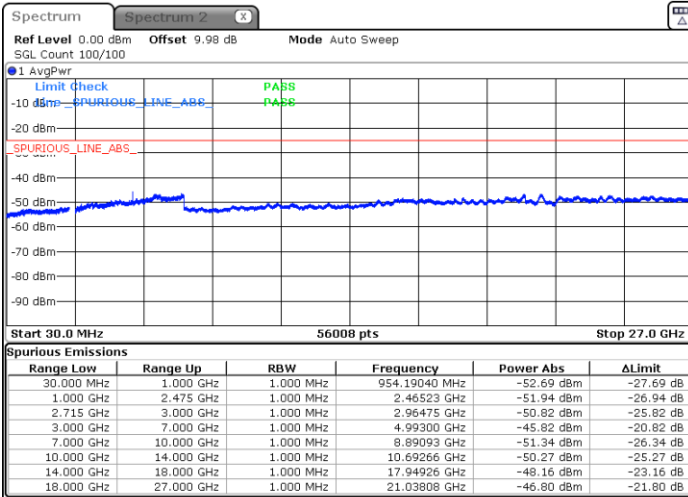


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

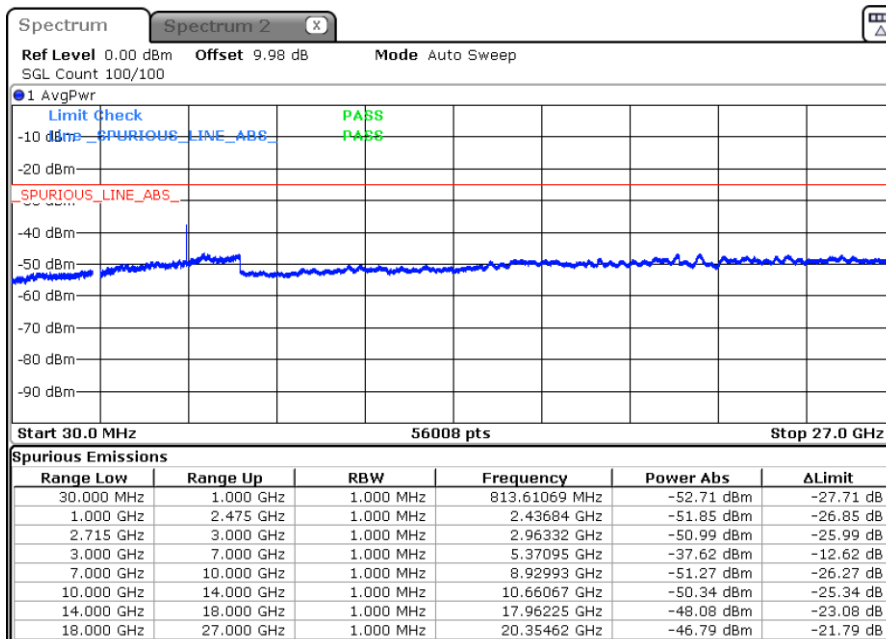
Middle Channel / QPSK



Date: 28.APR.2023 11:00:01

Date: 28.APR.2023 11:08:07

Highest Channel / QPSK



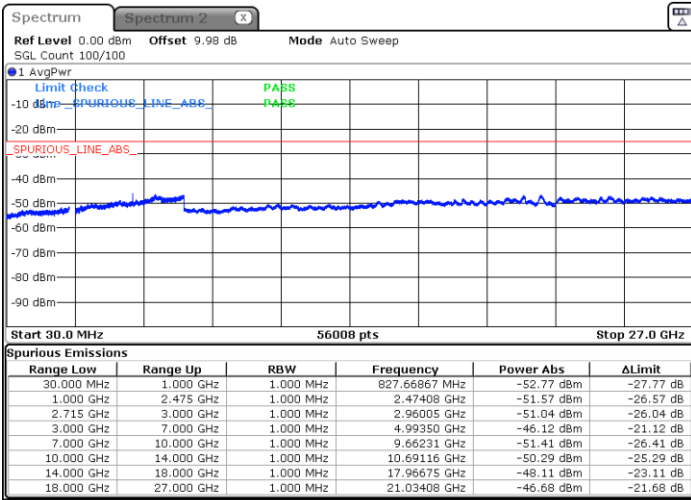
Date: 28.APR.2023 11:09:26



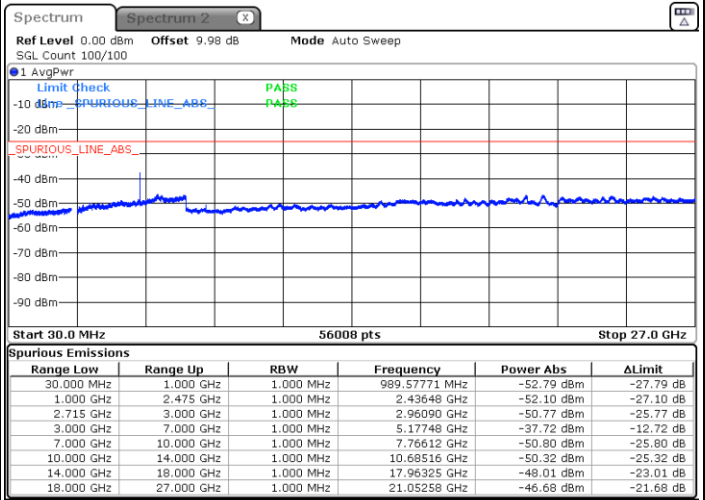
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

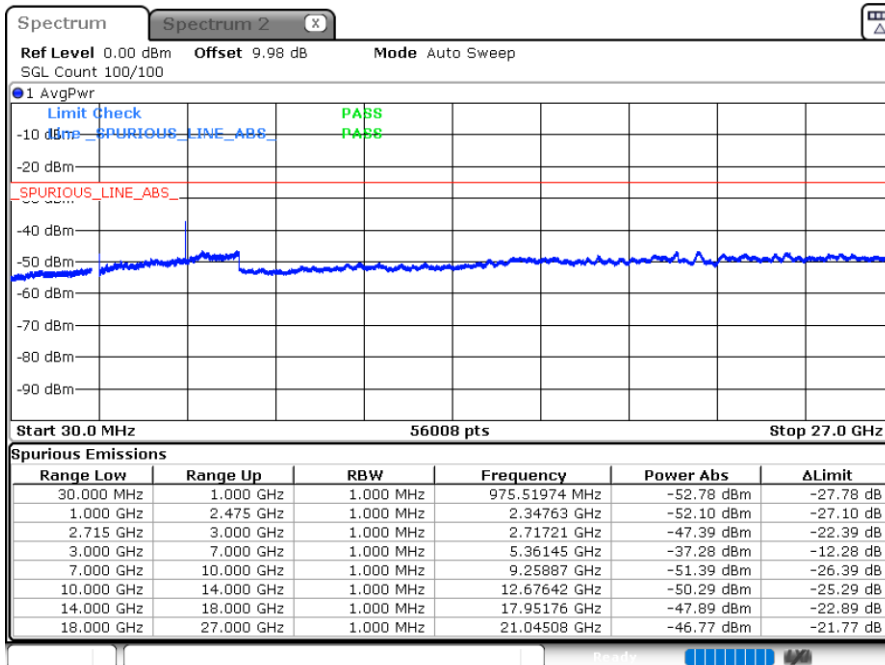


Date: 28.APR.2023 11:17:32



Date: 28.APR.2023 11:26:51

Highest Channel / QPSK



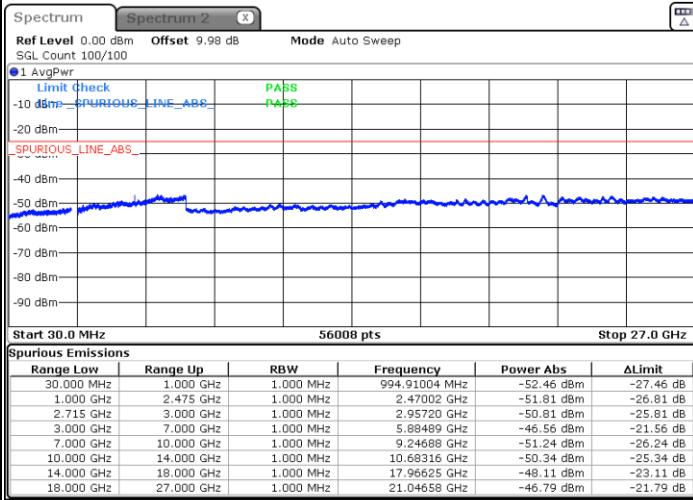
Date: 28.APR.2023 11:28:11



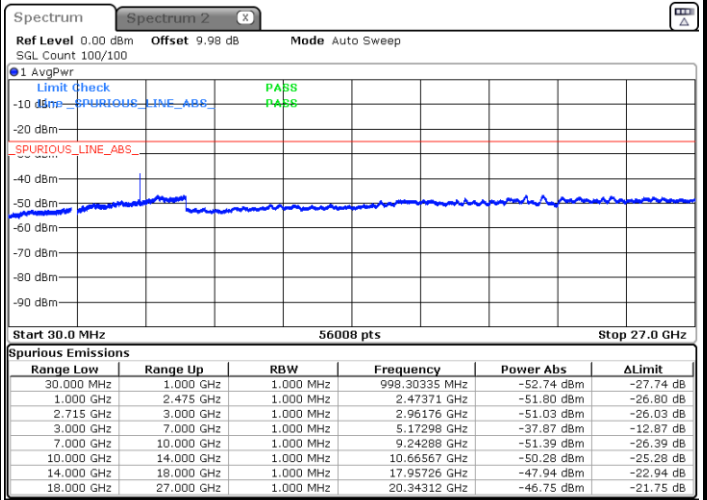
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

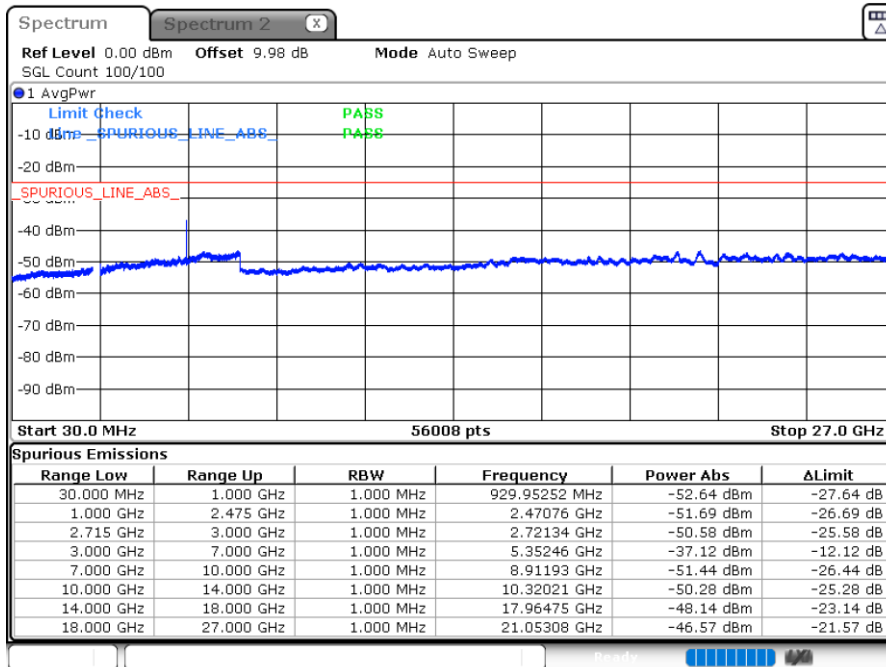


Date: 28.APR.2023 12:17:43



Date: 28.APR.2023 12:27:02

Highest Channel / QPSK



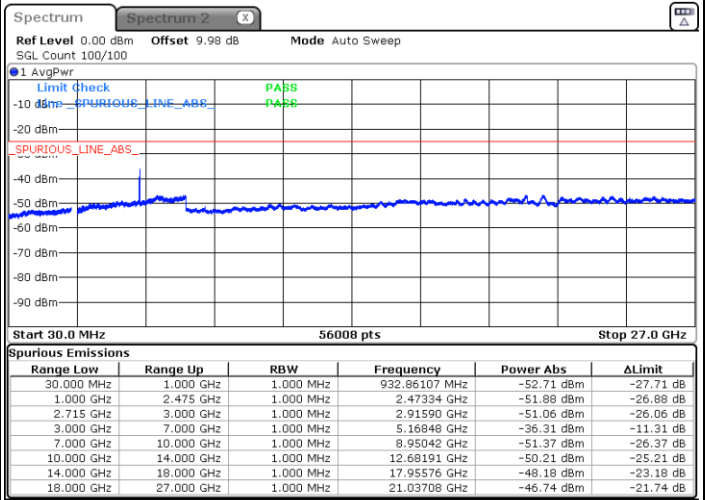
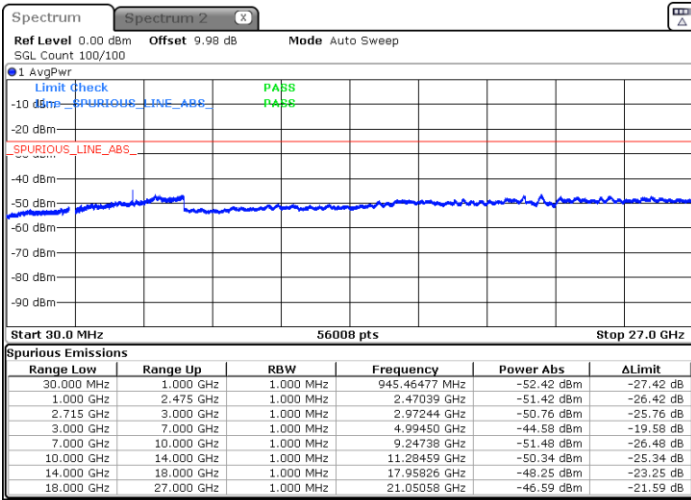
Date: 28.APR.2023 12:28:22



LTE Band 41 / 20MHz

Lowest Channel / QPSK

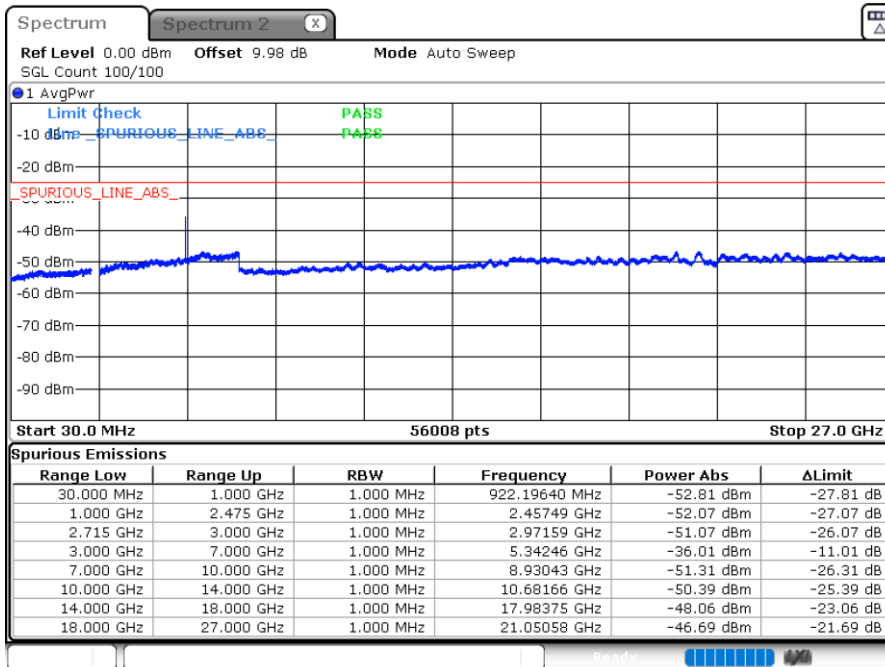
Middle Channel / QPSK



Date: 28.APR.2023 12:40:46

Date: 28.APR.2023 12:50:06

Highest Channel / QPSK



Date: 28.APR.2023 12:51:26



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	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note:

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



LTE Band 41C

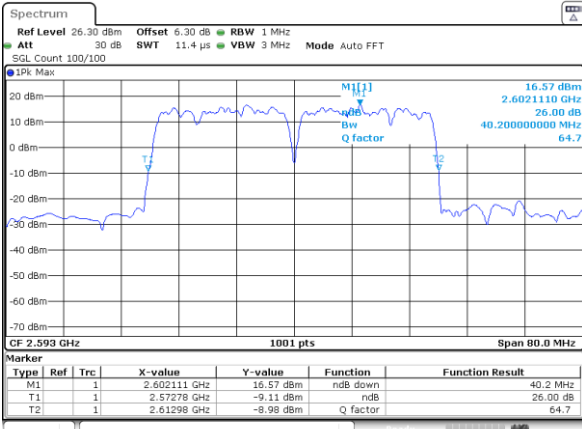
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.20	39.72
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.75	30.57
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.18	25.23
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	24.98
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.83



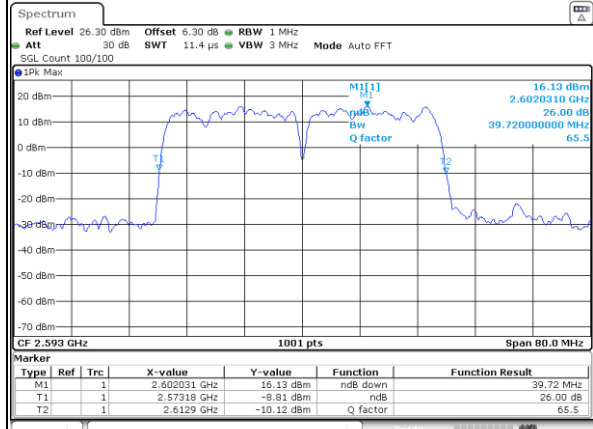
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



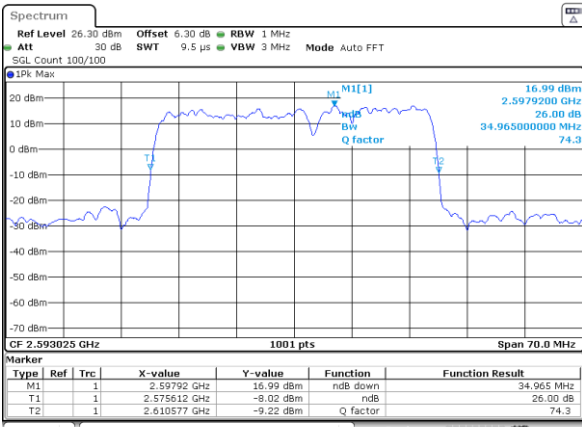
Date: 23.APR.2023 19:40:26

Middle Channel / 20MHz+20MHz / 16QAM



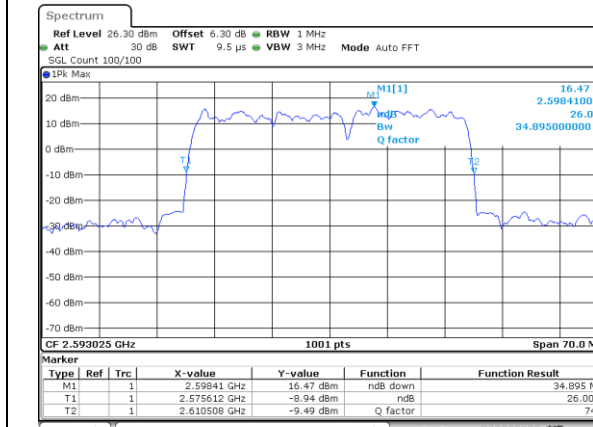
Date: 23.APR.2023 19:40:53

Middle Channel / 20MHz+15MHz / QPSK



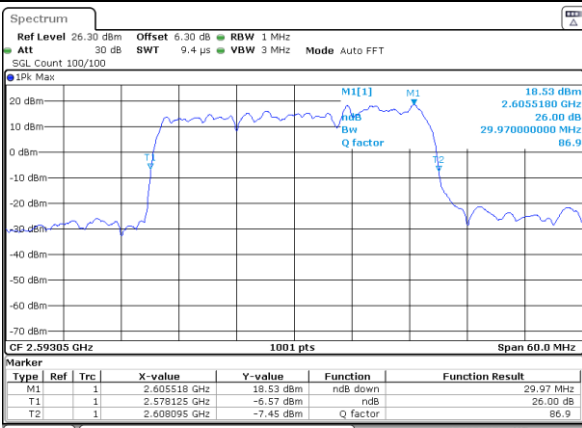
Date: 23.APR.2023 19:37:43

Middle Channel / 20MHz+15MHz / 16QAM



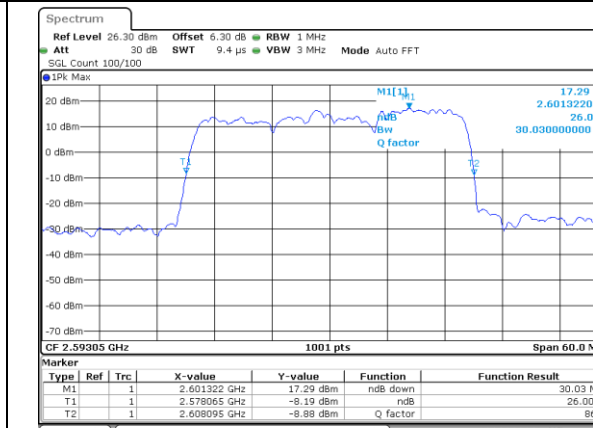
Date: 23.APR.2023 19:38:10

Middle Channel / 20MHz+10MHz / QPSK



Date: 23.APR.2023 19:29:59

Middle Channel / 20MHz+10MHz / 16QAM



Date: 23.APR.2023 19:30:26