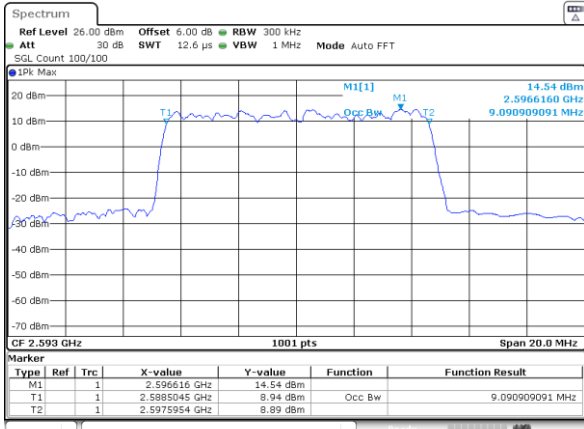




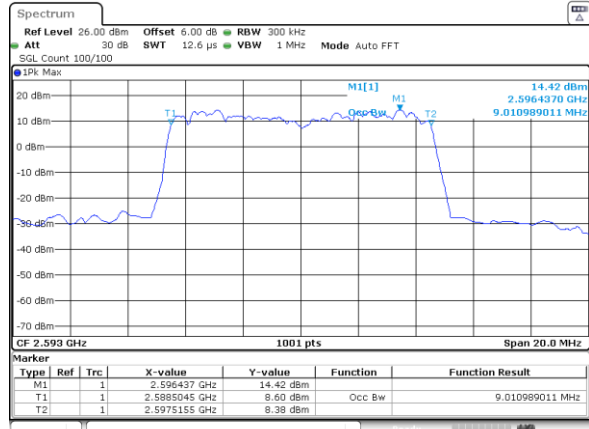
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 25 JUN 2023 15:43:13

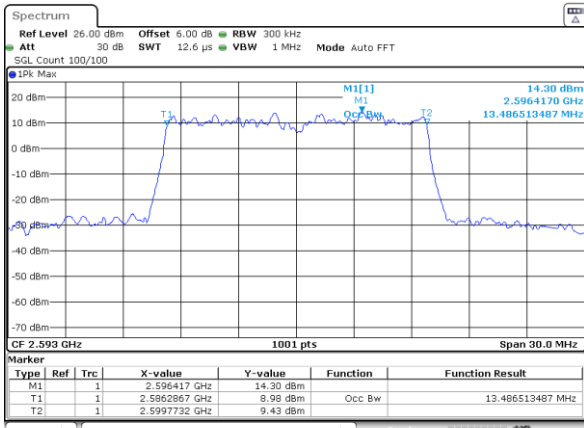
Middle Channel / 10MHz / 16QAM



Date: 25 JUN 2023 15:44:135

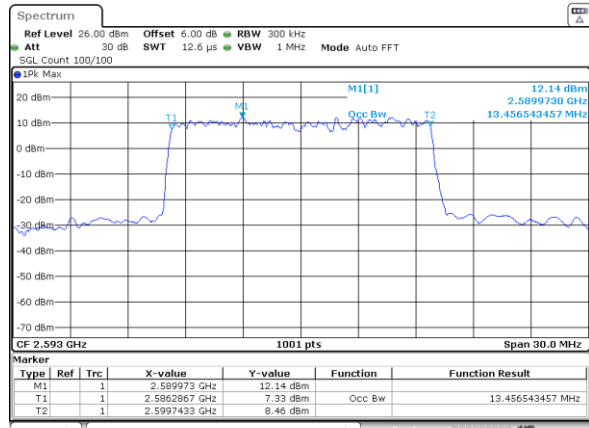
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 25 JUN 2023 15:46:24

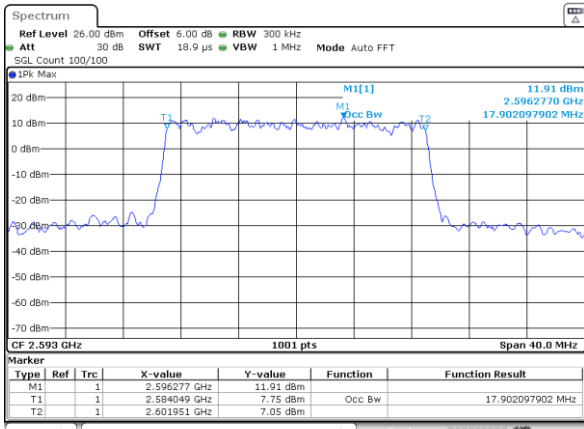
Middle Channel / 15MHz / 16QAM



Date: 25 JUN 2023 15:47:127

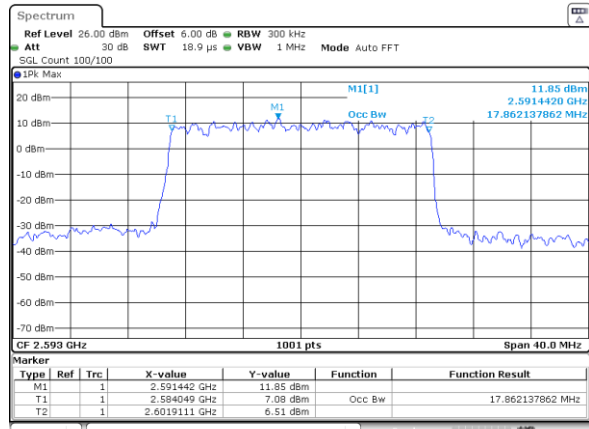
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 25 JUN 2023 15:49:16

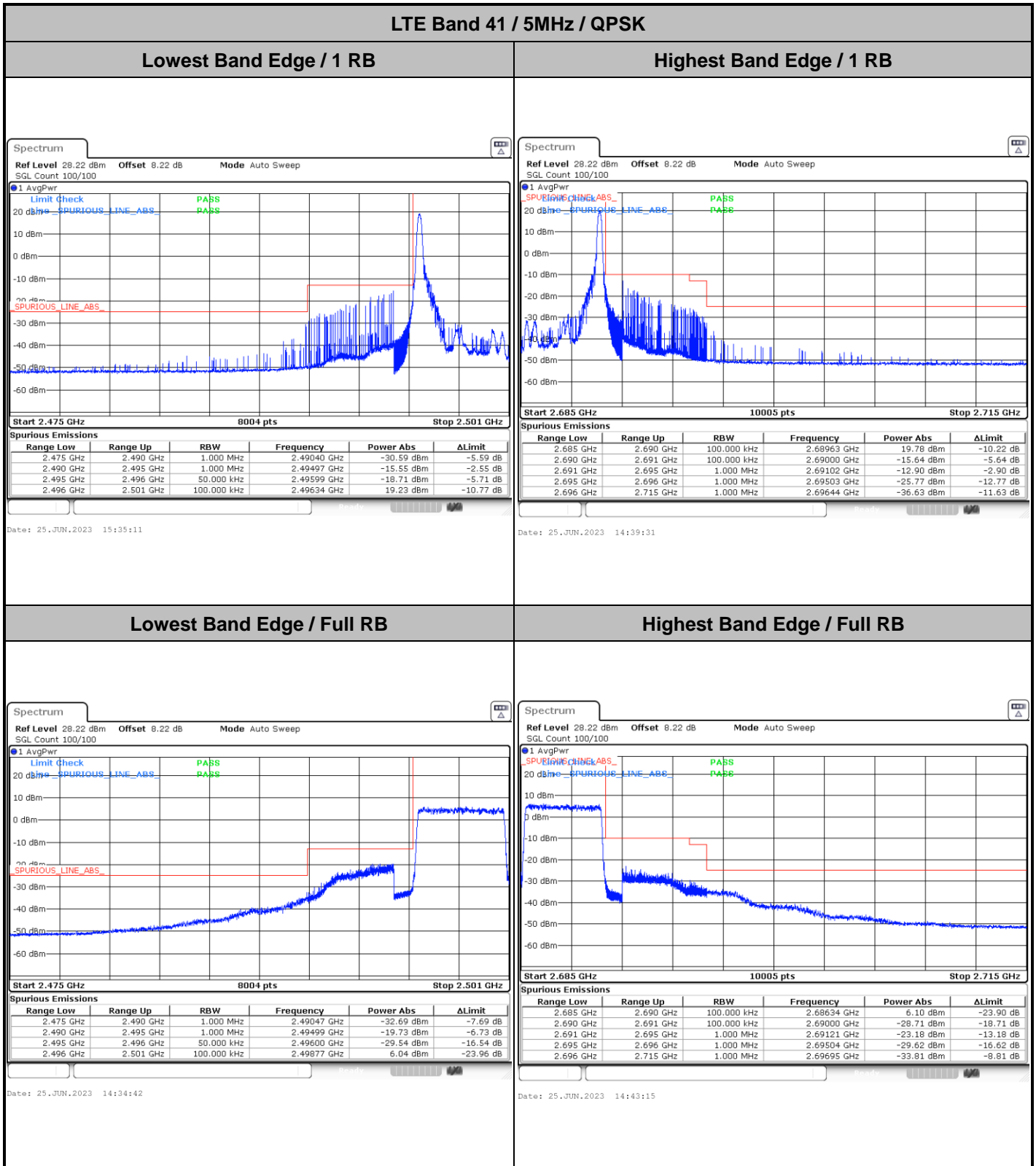
Middle Channel / 20MHz / 16QAM



Date: 25 JUN 2023 15:50:119



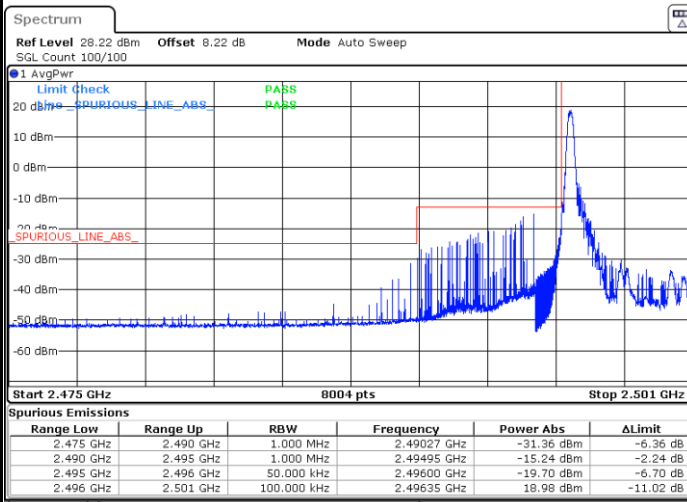
Conducted Band Edge





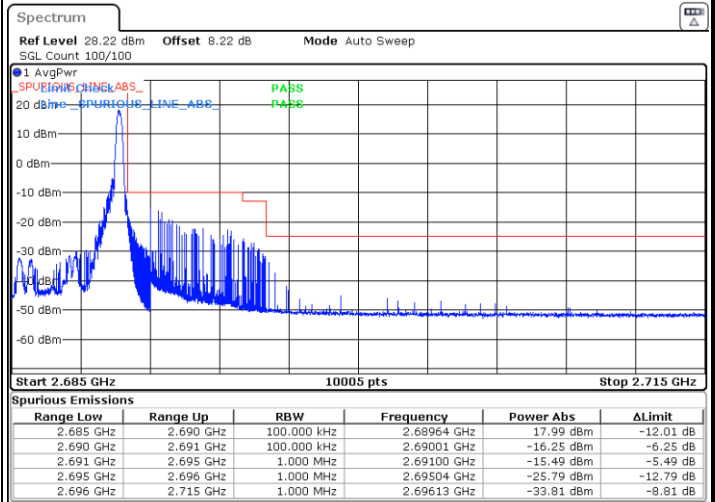
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



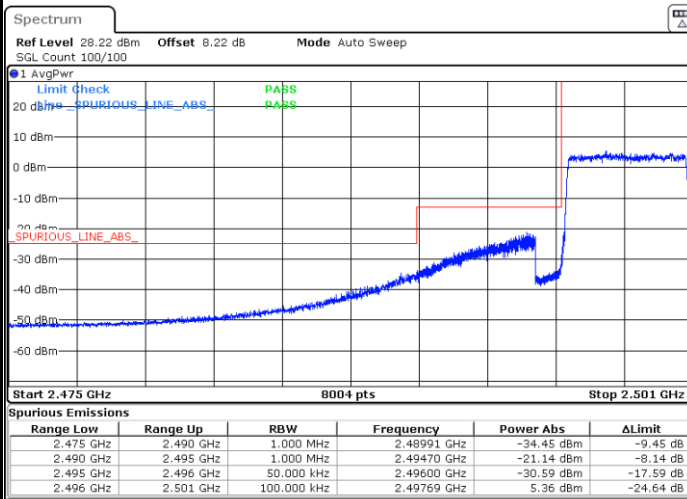
Date: 25 JUN.2023 14:31:32

Highest Band Edge / 1 RB



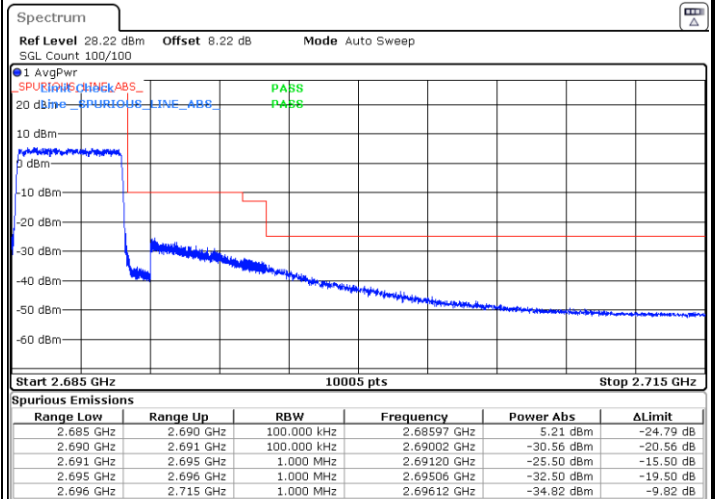
Date: 25 JUN.2023 14:40:16

Lowest Band Edge / Full RB



Date: 25 JUN.2023 14:33:55

Highest Band Edge / Full RB

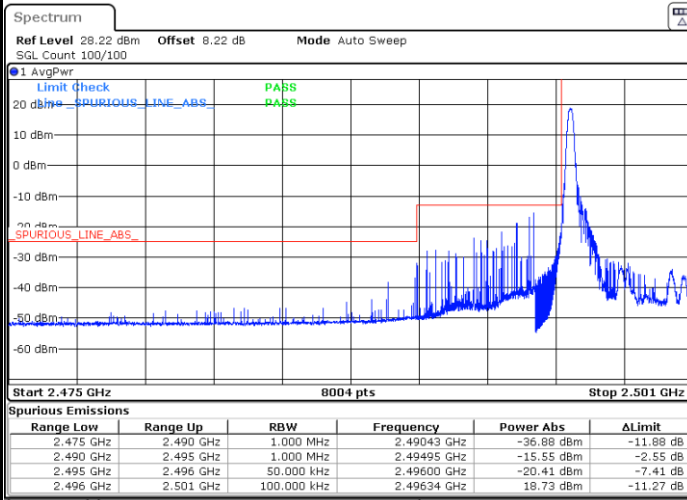


Date: 25 JUN.2023 14:42:30



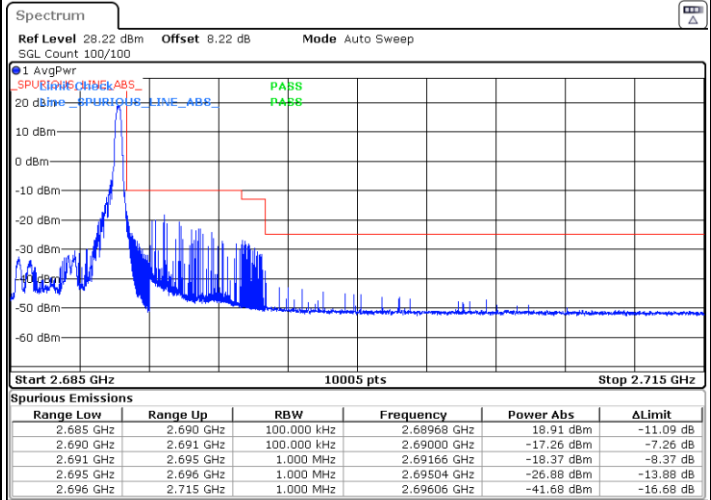
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



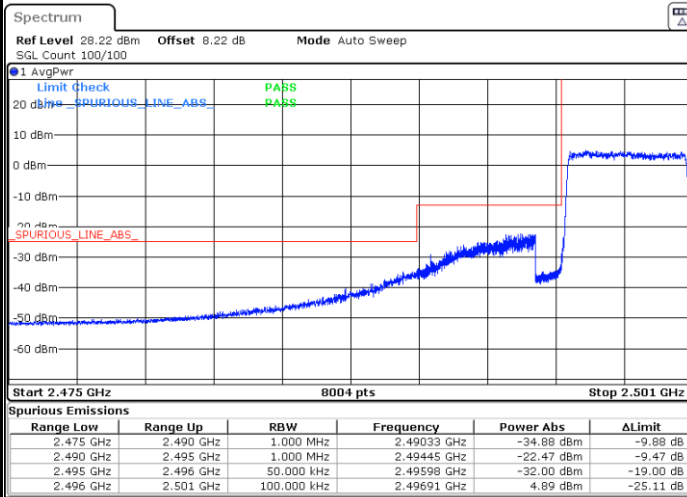
Date: 25 JUN.2023 14:32:20

Highest Band Edge / 1 RB



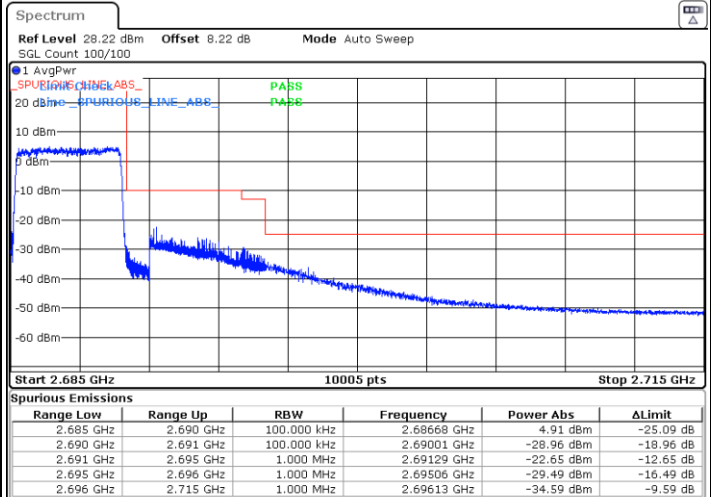
Date: 25 JUN.2023 14:41:01

Lowest Band Edge / Full RB



Date: 25 JUN.2023 14:33:07

Highest Band Edge / Full RB

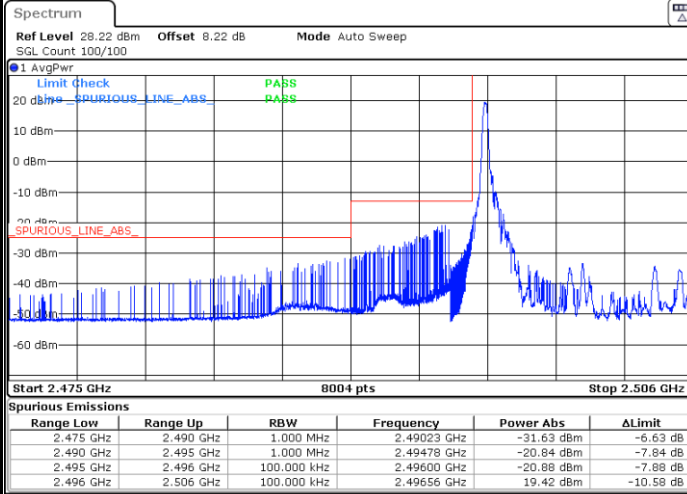


Date: 25 JUN.2023 14:41:46



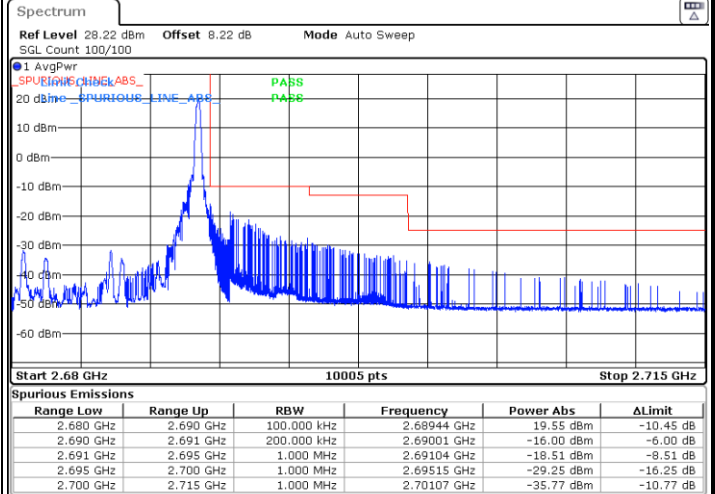
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



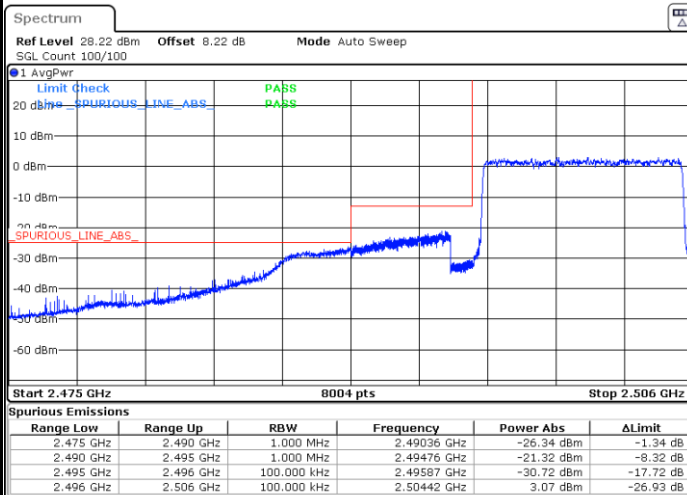
Date: 25 JUN.2023 14:46:05

Highest Band Edge / 1 RB



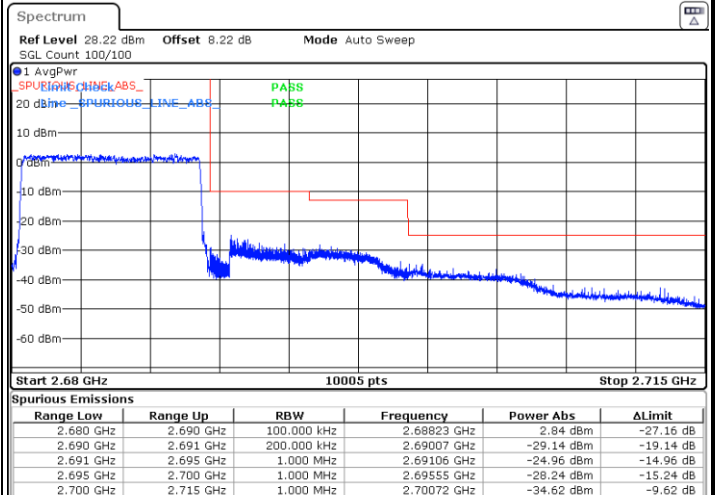
Date: 25 JUN.2023 14:54:51

Lowest Band Edge / Full RB



Date: 25 JUN.2023 14:50:02

Highest Band Edge / Full RB

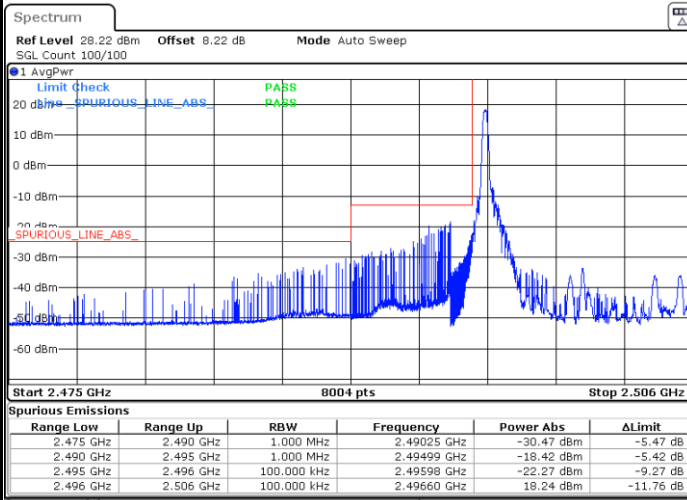


Date: 25 JUN.2023 14:58:35



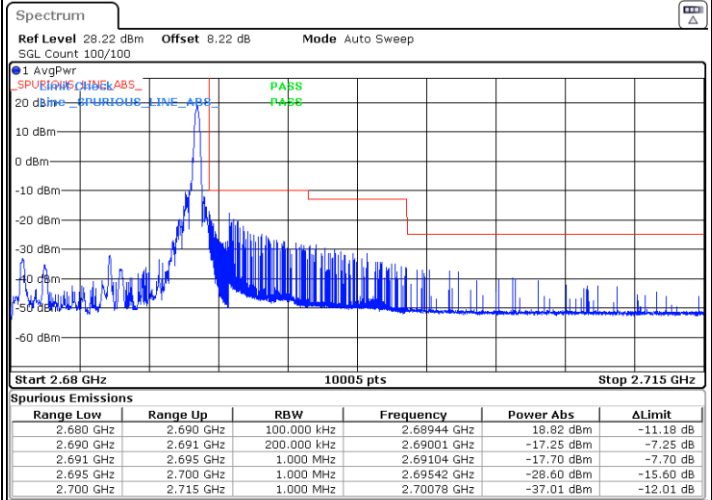
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



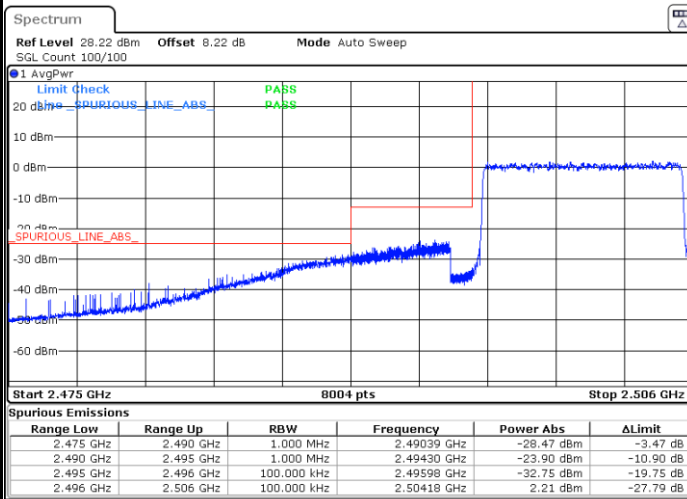
Date: 25 JUN.2023 14:46:53

Highest Band Edge / 1 RB



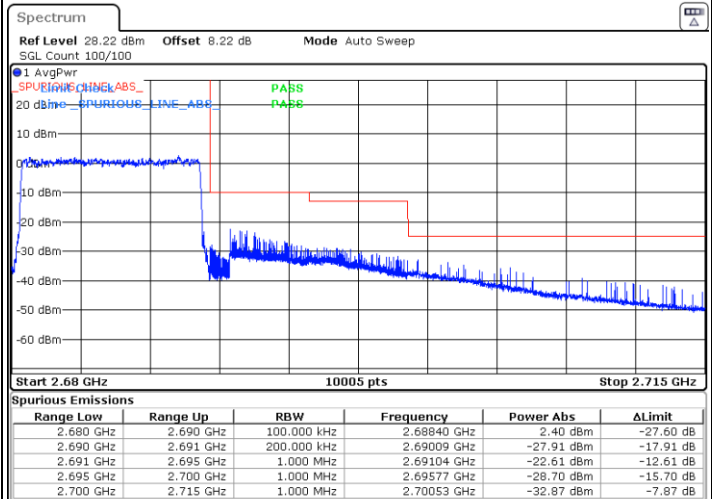
Date: 25 JUN.2023 14:55:36

Lowest Band Edge / Full RB



Date: 25 JUN.2023 14:49:15

Highest Band Edge / Full RB

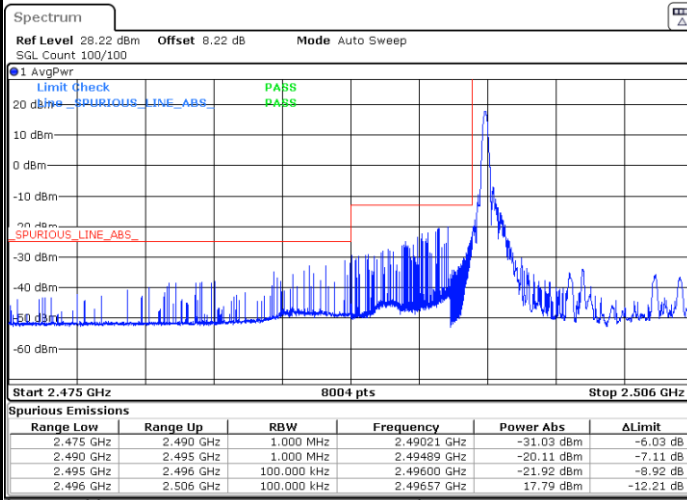


Date: 25 JUN.2023 14:57:50



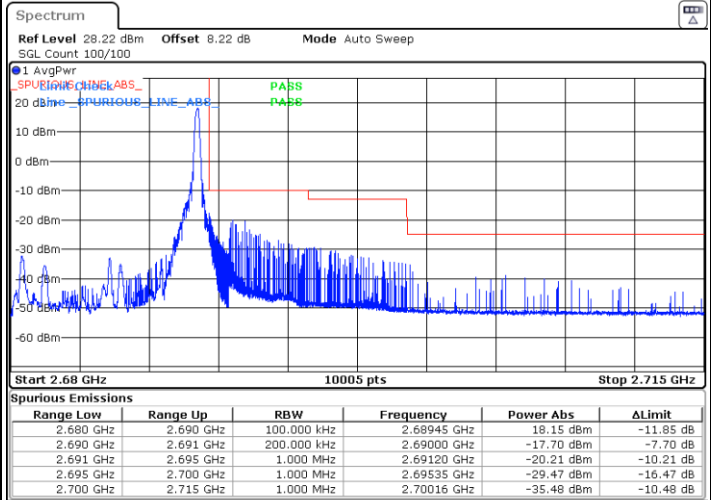
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



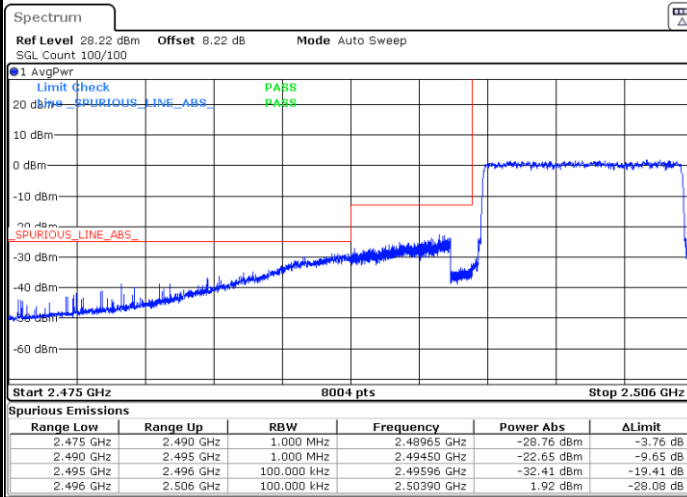
Date: 25 JUN.2023 14:47:40

Highest Band Edge / 1 RB



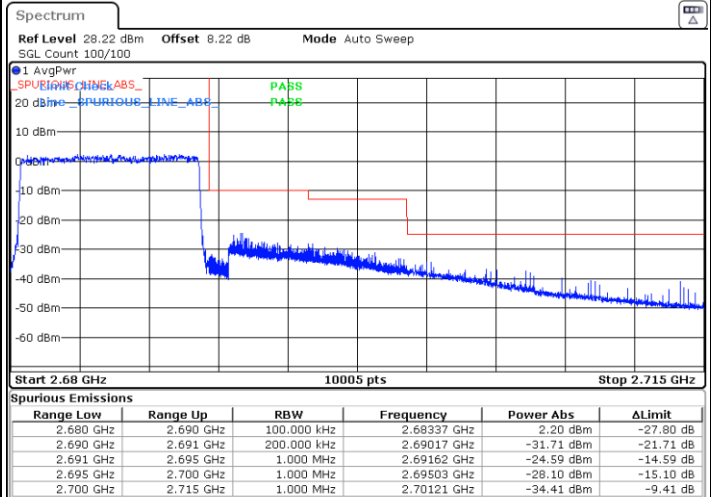
Date: 25 JUN.2023 14:56:20

Lowest Band Edge / Full RB



Date: 25 JUN.2023 14:48:27

Highest Band Edge / Full RB

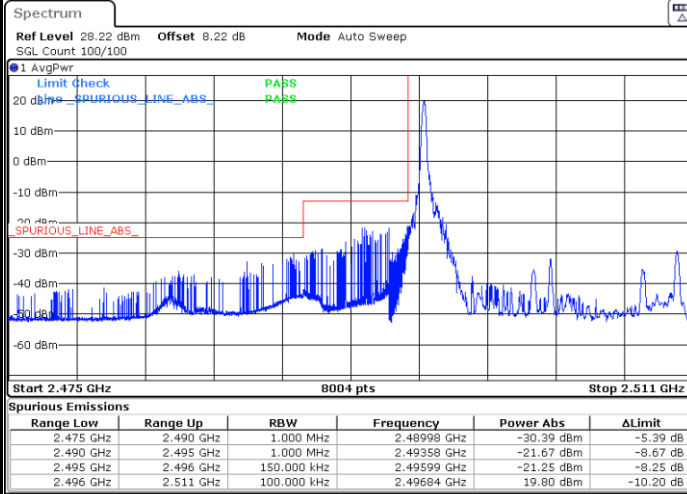


Date: 25 JUN.2023 14:57:05



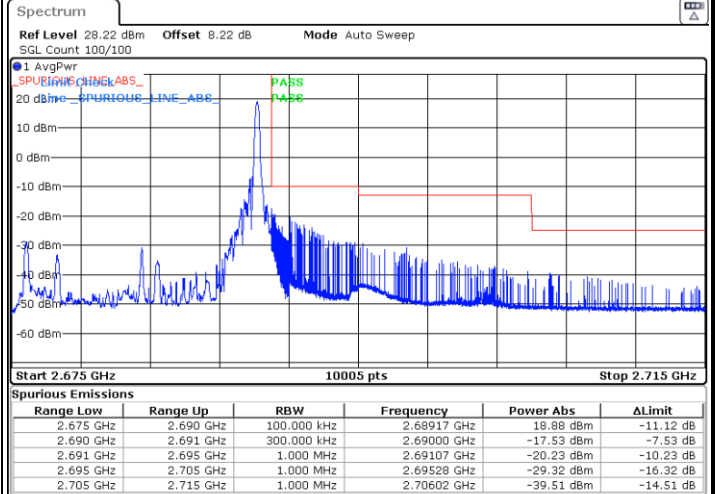
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



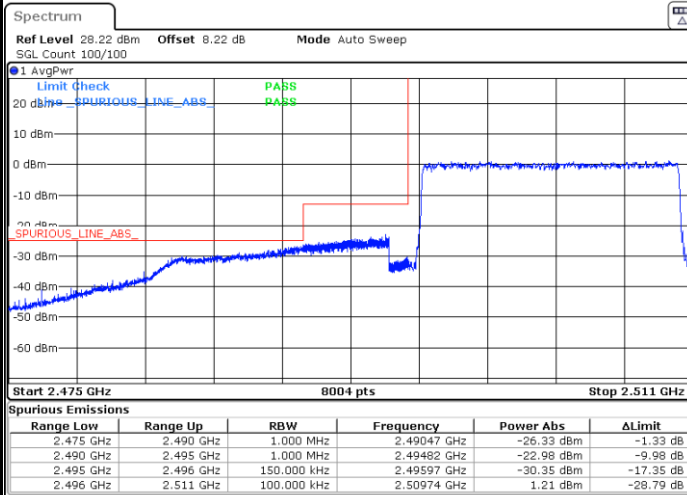
Date: 25 JUN.2023 15:01:25

Highest Band Edge / 1 RB



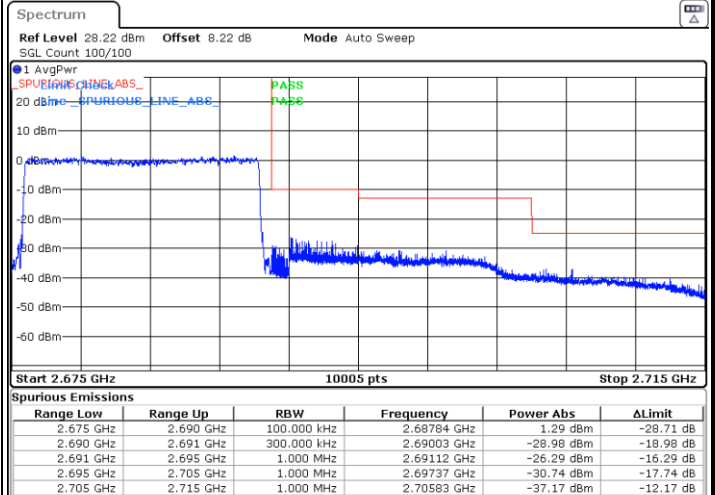
Date: 25 JUN.2023 15:10:10

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:05:22

Highest Band Edge / Full RB

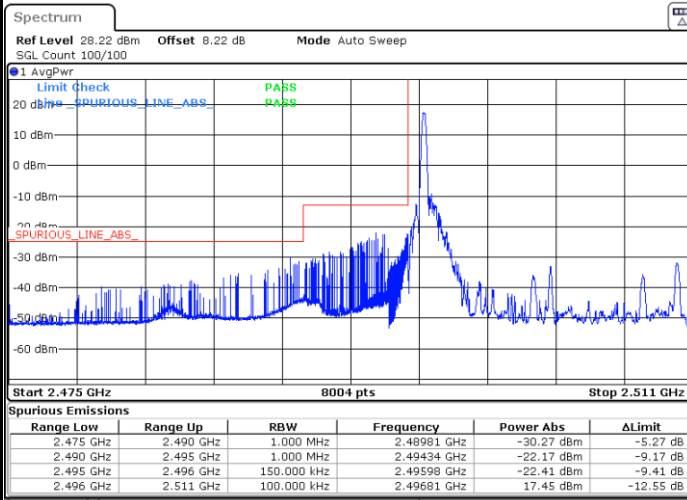


Date: 25 JUN.2023 15:13:53



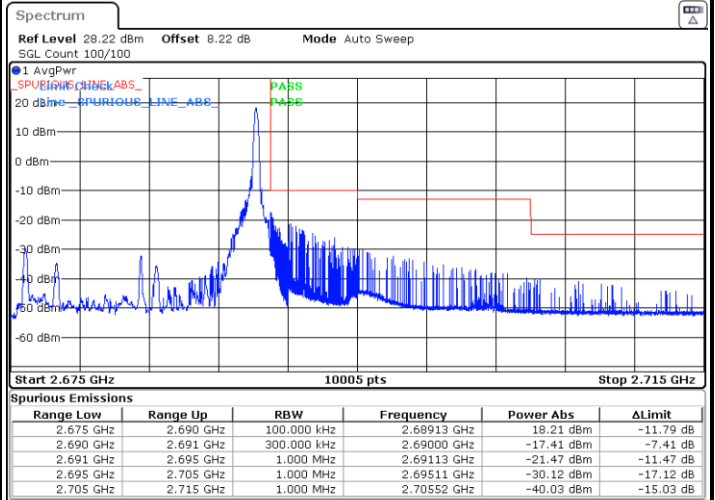
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



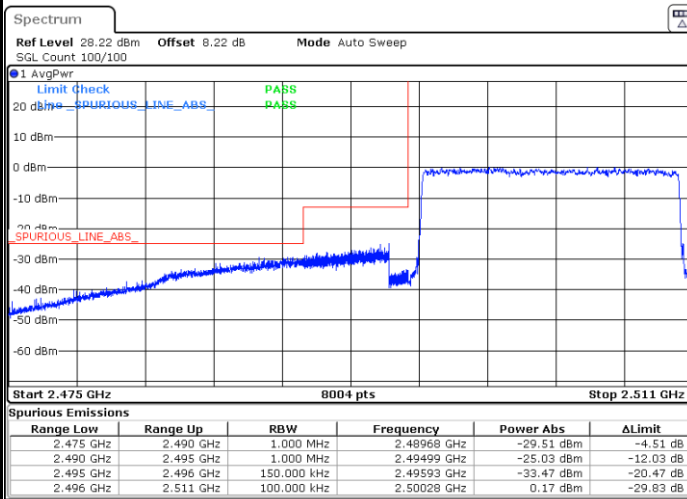
Date: 25 JUN.2023 15:02:12

Highest Band Edge / 1 RB



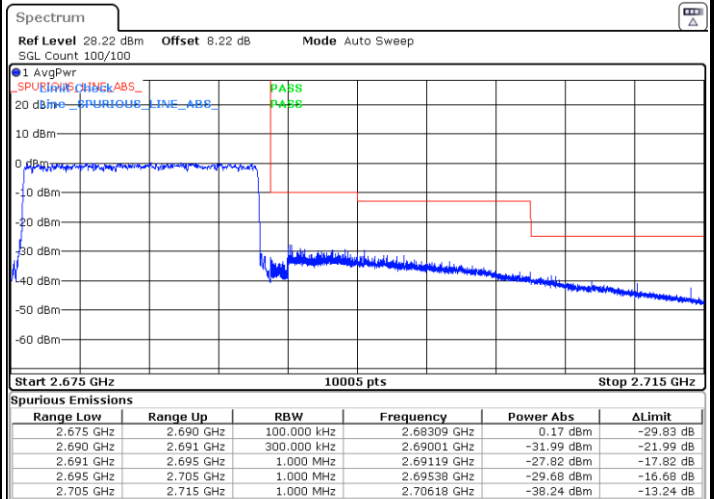
Date: 25 JUN.2023 15:10:54

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:04:34

Highest Band Edge / Full RB

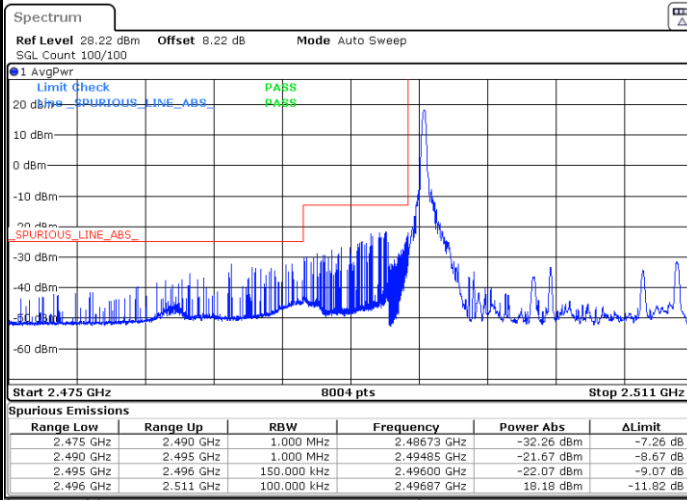


Date: 25 JUN.2023 15:13:08



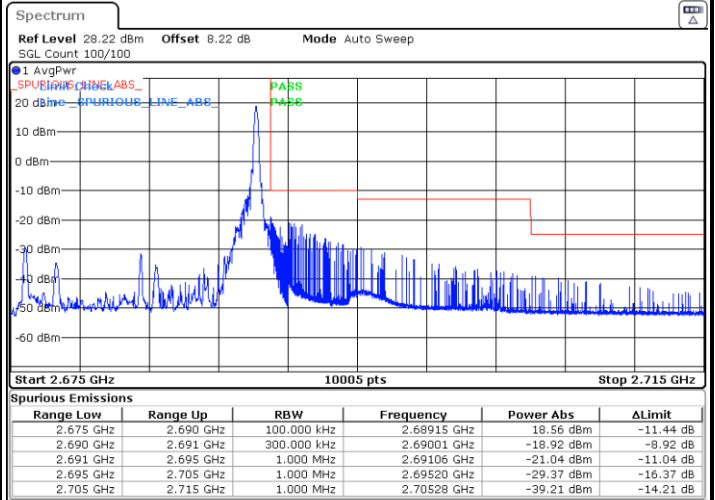
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



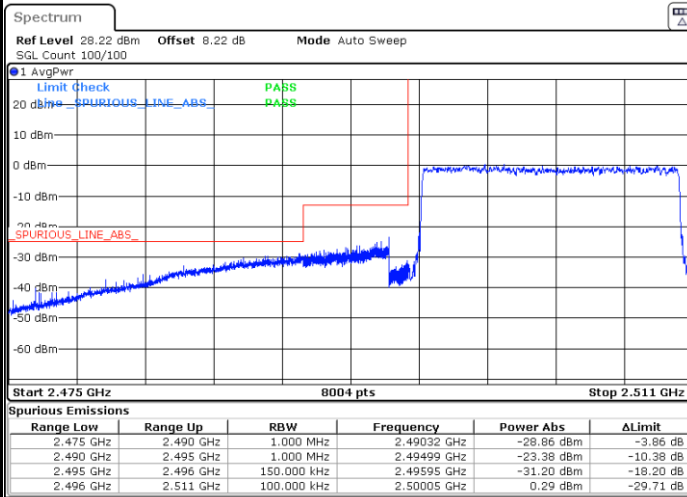
Date: 25 JUN.2023 15:02:59

Highest Band Edge / 1 RB



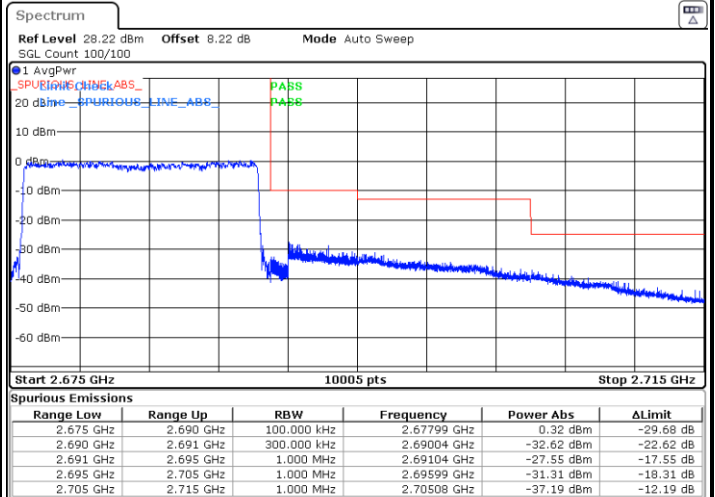
Date: 25 JUN.2023 15:11:39

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:03:47

Highest Band Edge / Full RB

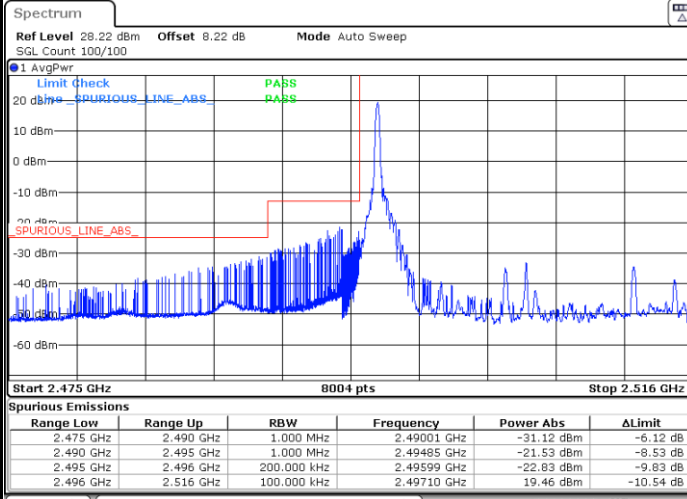


Date: 25 JUN.2023 15:12:24



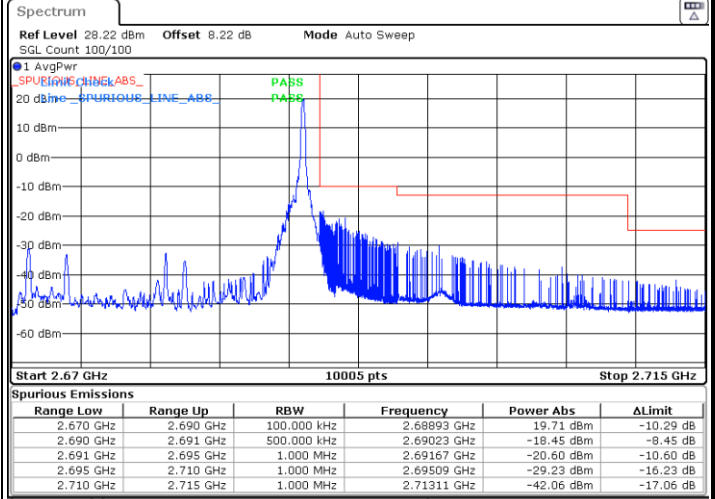
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



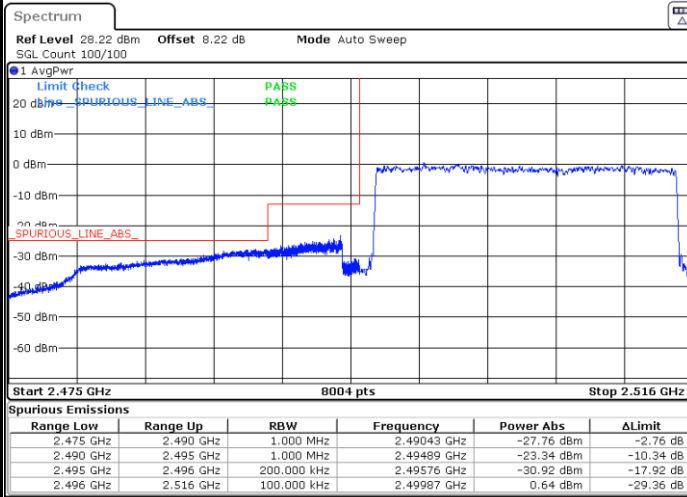
Date: 25 JUN.2023 15:16:43

Highest Band Edge / 1 RB



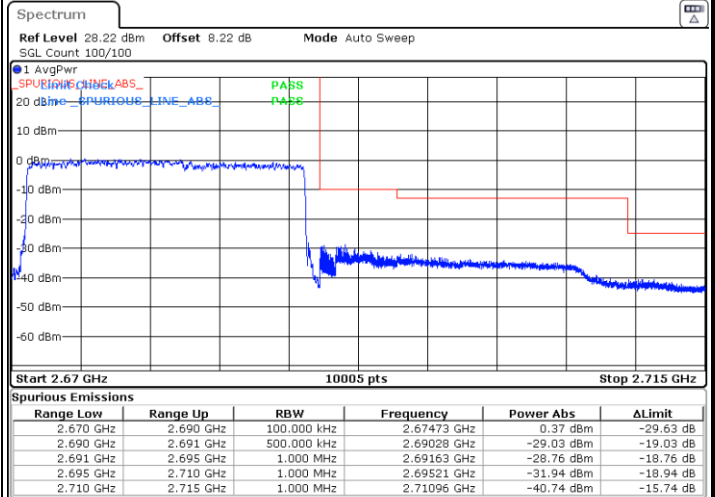
Date: 25 JUN.2023 15:25:28

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:20:40

Highest Band Edge / Full RB

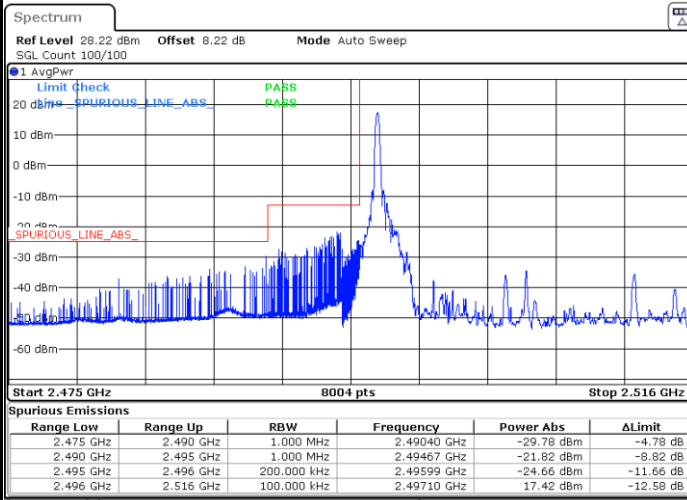


Date: 25 JUN.2023 15:29:12



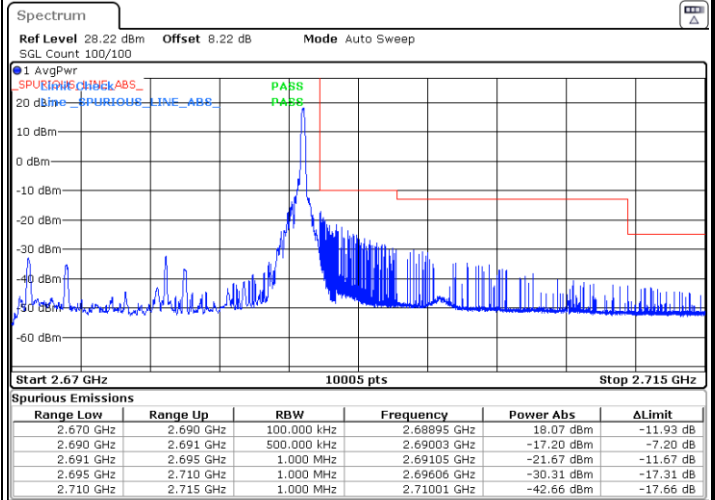
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



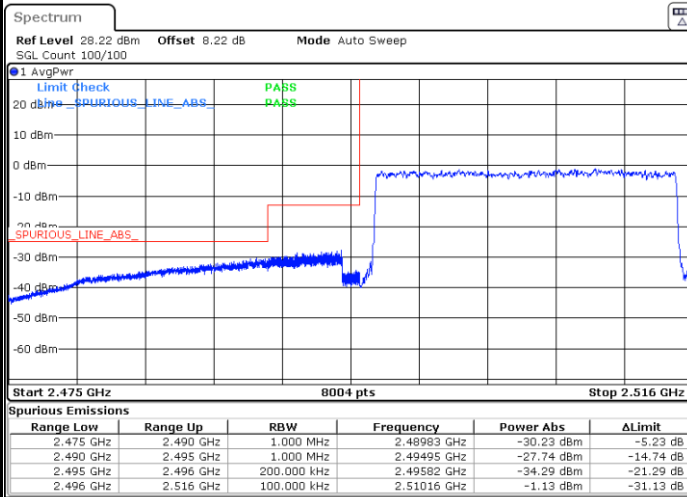
Date: 25 JUN.2023 15:17:31

Highest Band Edge / 1 RB



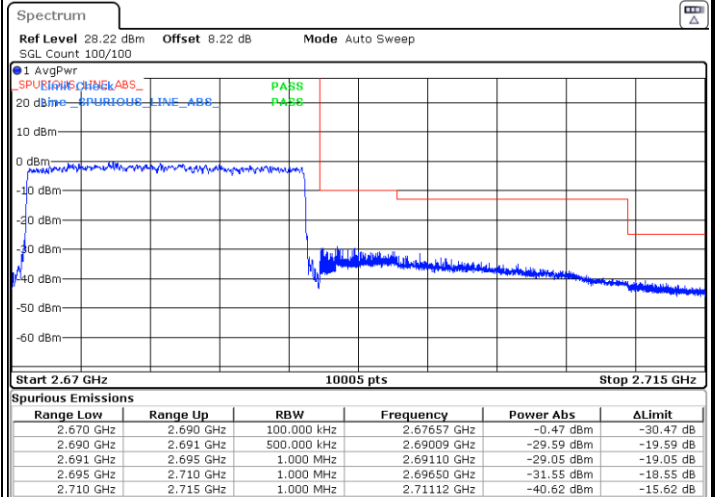
Date: 25 JUN.2023 15:26:13

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:19:53

Highest Band Edge / Full RB

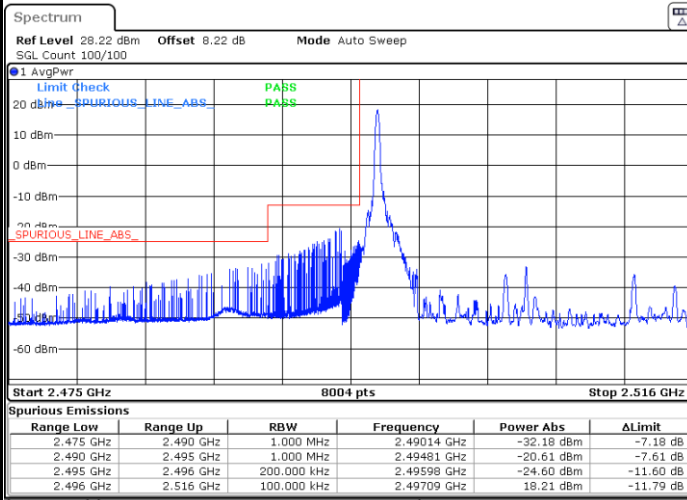


Date: 25 JUN.2023 15:28:27



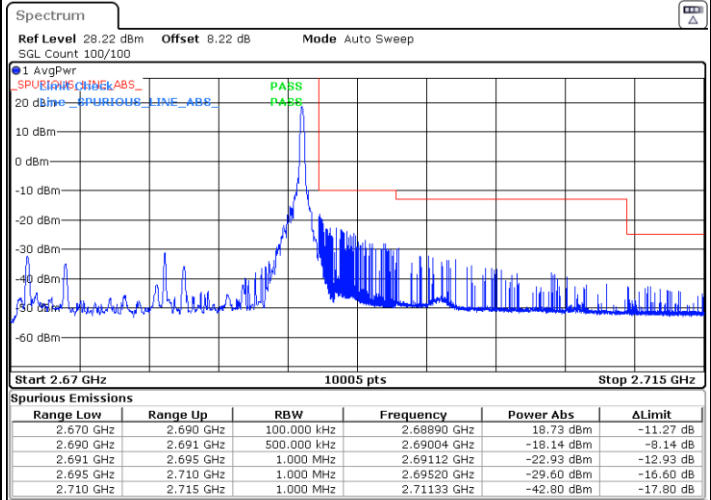
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



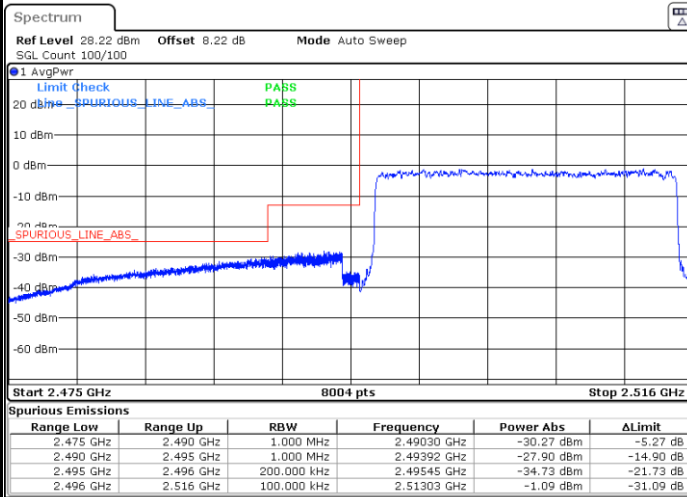
Date: 25 JUN.2023 15:18:18

Highest Band Edge / 1 RB



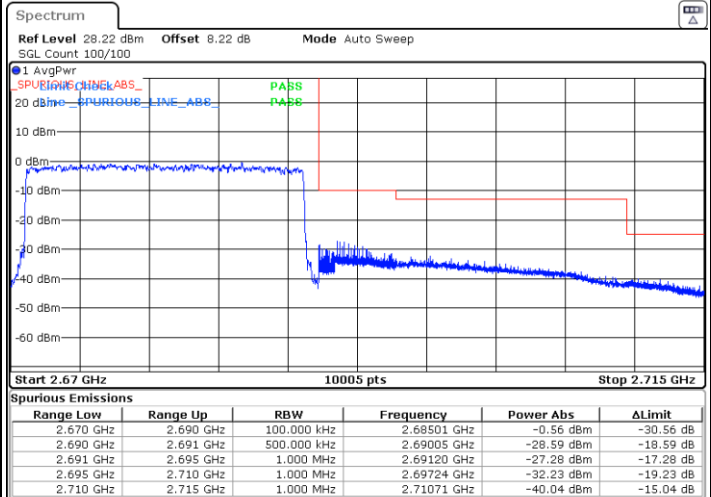
Date: 25 JUN.2023 15:26:58

Lowest Band Edge / Full RB



Date: 25 JUN.2023 15:19:05

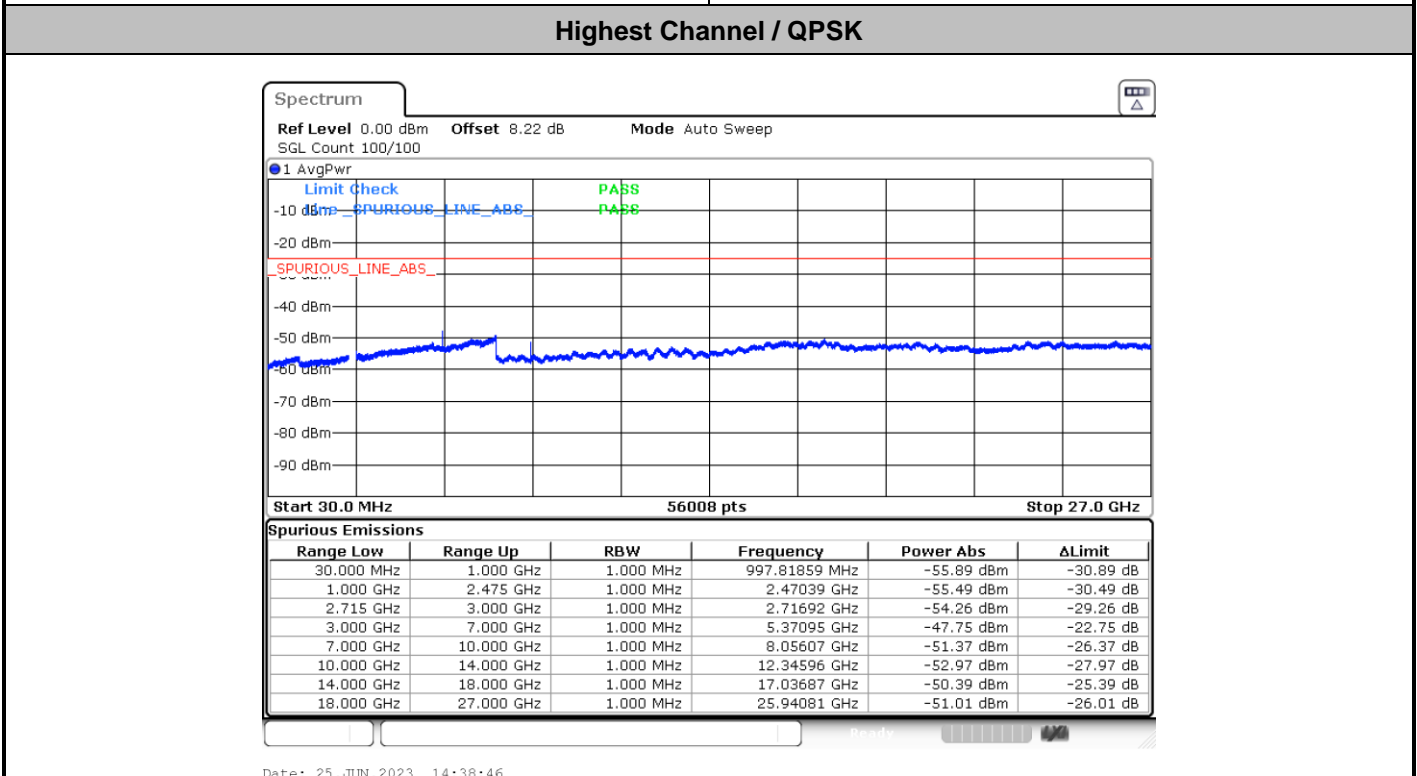
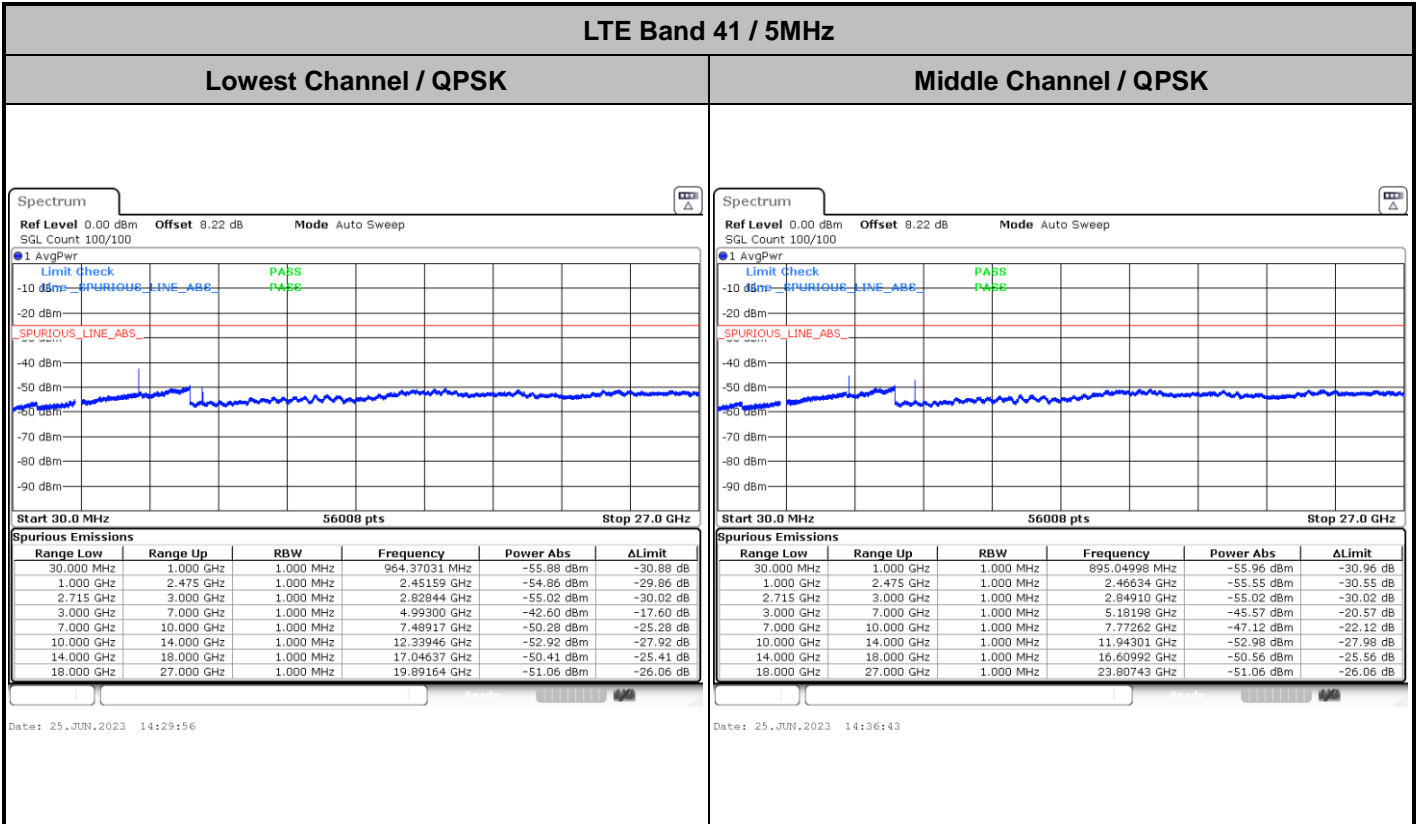
Highest Band Edge / Full RB



Date: 25 JUN.2023 15:27:43



Conducted Spurious Emission

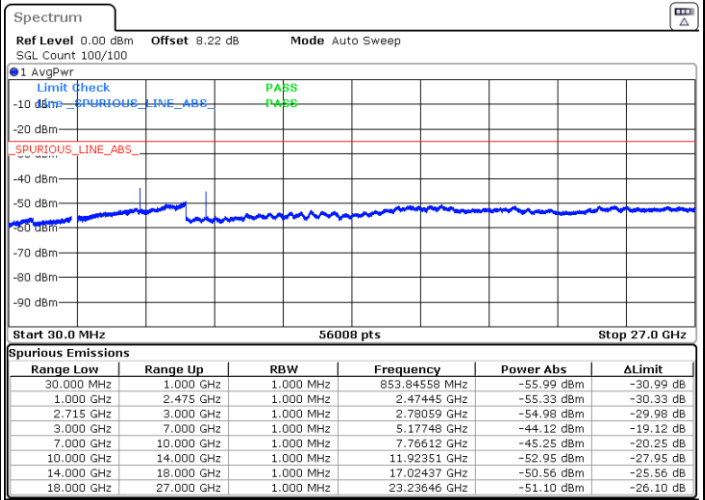
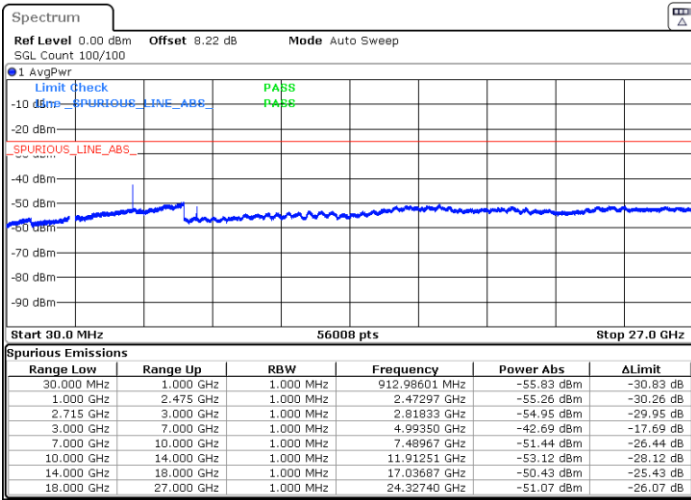




LTE Band 41 / 10MHz

Lowest Channel / QPSK

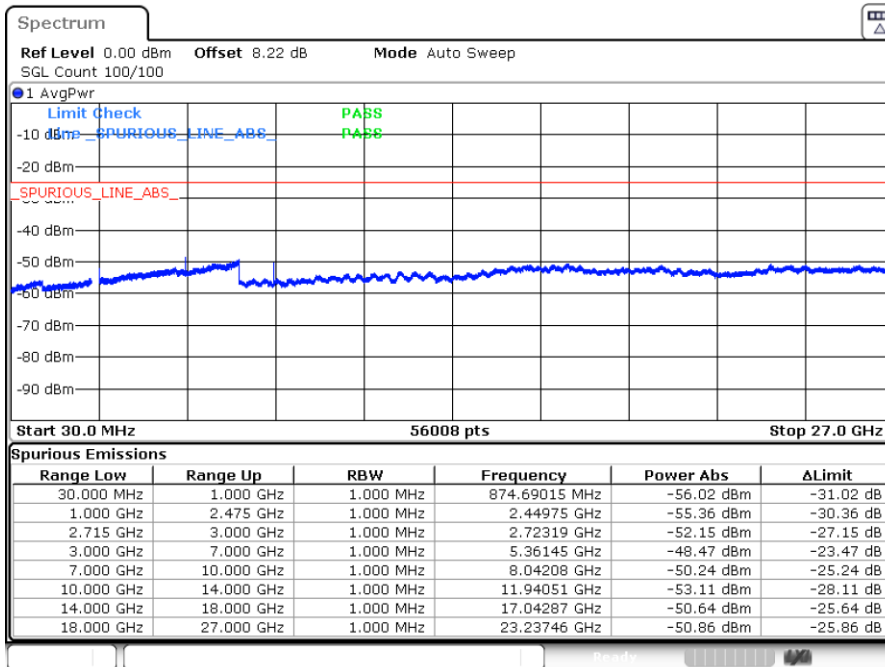
Middle Channel / QPSK



Date: 25 JUN.2023 14:45:17

Date: 25 JUN.2023 14:52:04

Highest Channel / QPSK



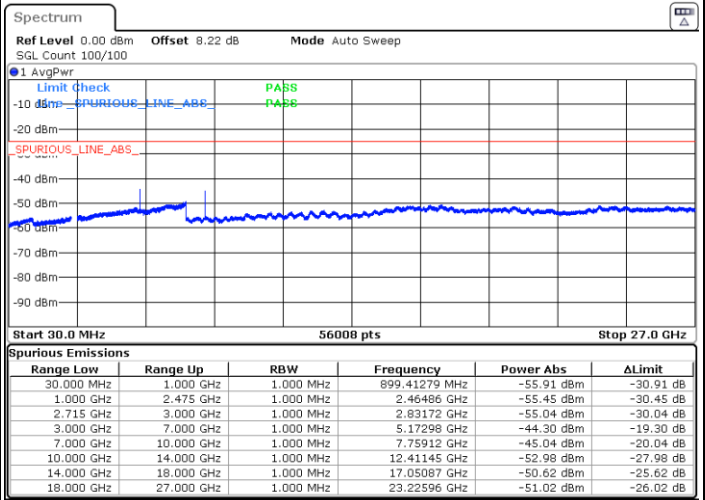
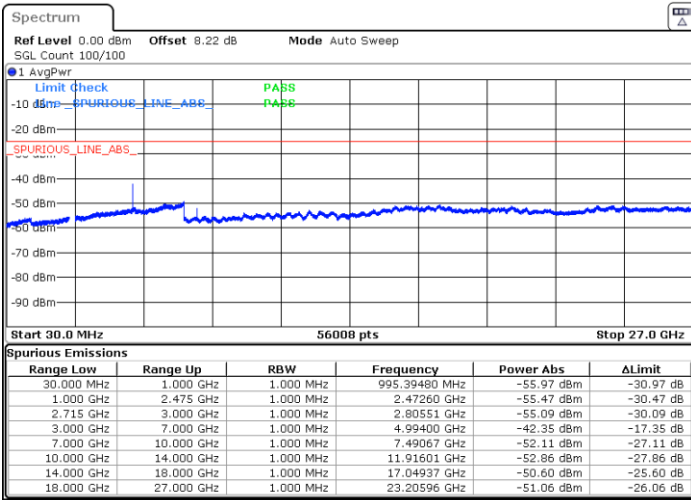
Date: 25 JUN.2023 14:54:06



LTE Band 41 / 15MHz

Lowest Channel / QPSK

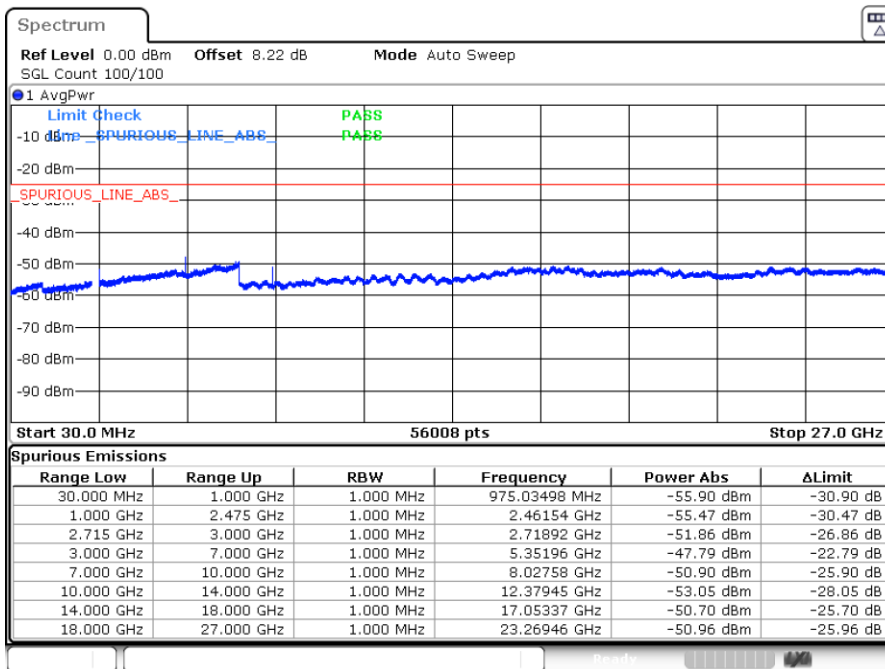
Middle Channel / QPSK



Date: 25 JUN.2023 15:00:37

Date: 25 JUN.2023 15:07:23

Highest Channel / QPSK



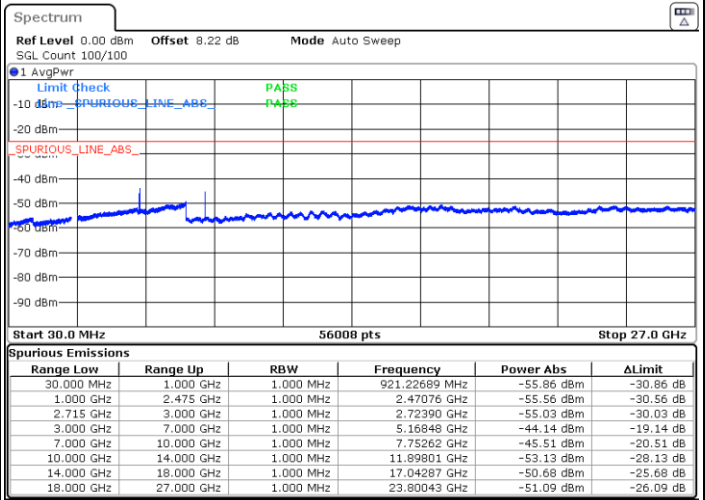
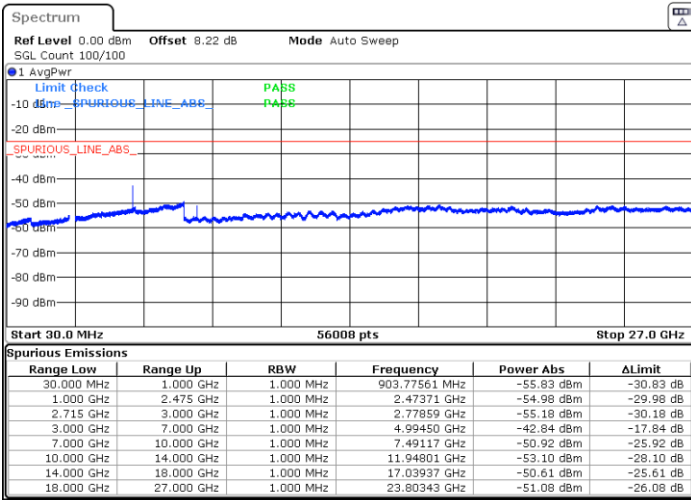
Date: 25 JUN.2023 15:09:25



LTE Band 41 / 20MHz

Lowest Channel / QPSK

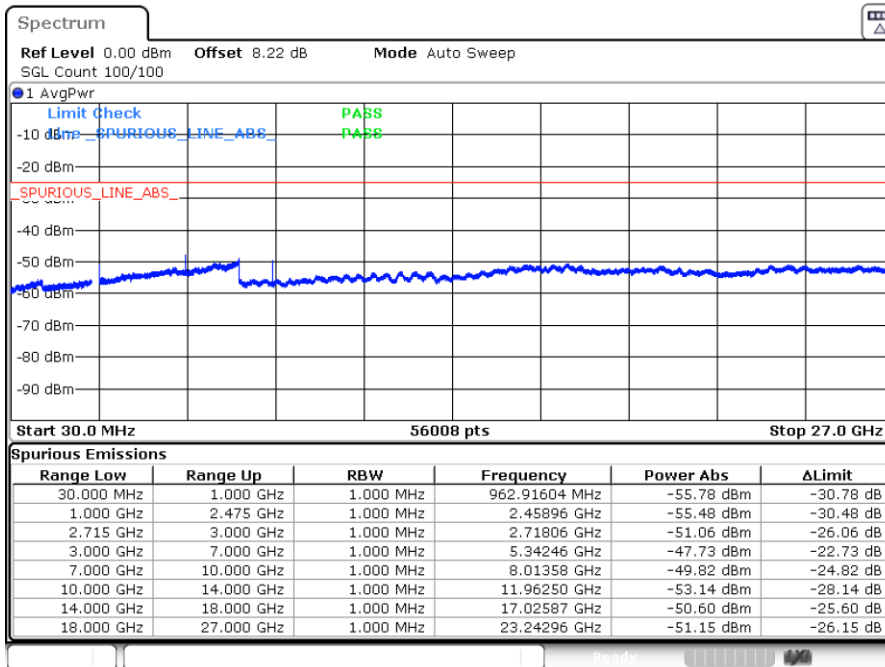
Middle Channel / QPSK



Date: 25 JUN.2023 15:15:55

Date: 25 JUN.2023 15:22:42

Highest Channel / QPSK



Date: 25 JUN.2023 15:24:43



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	0.0017	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0038	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

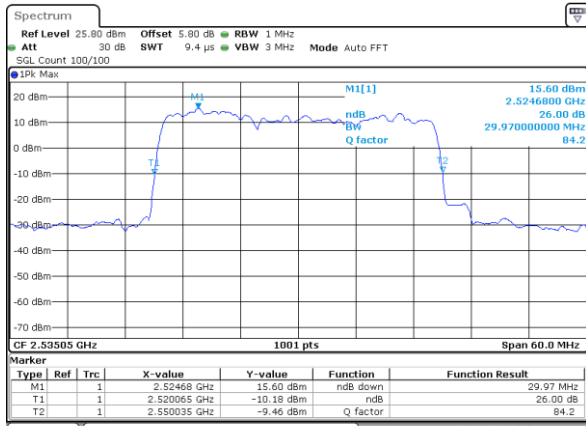
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	31.11	30.81
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.09
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88



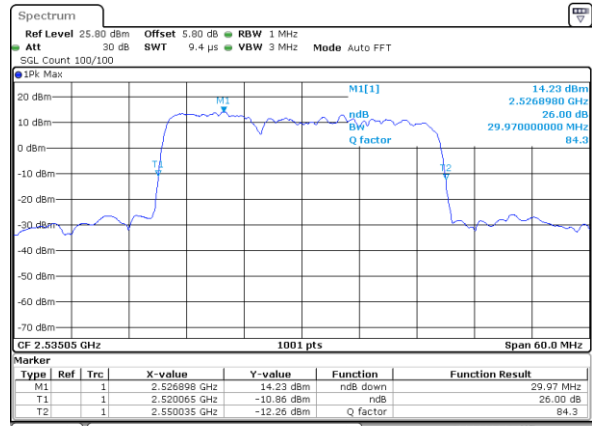
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 27_JUN_2023 02:08:22

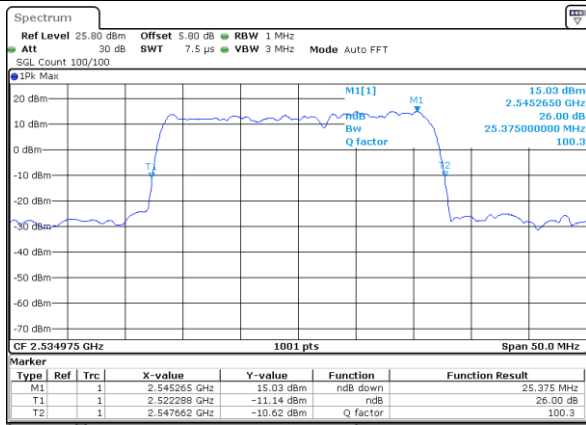
Middle Channel / 10MHz+20MHz / 16QAM



Date: 27_JUN_2023 02:07:17

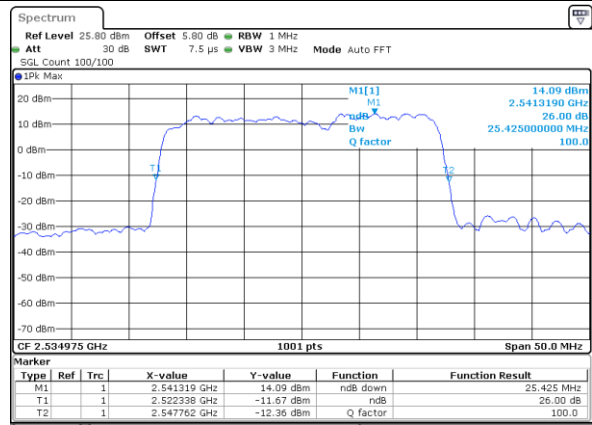
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 27_JUN_2023 02:04:24

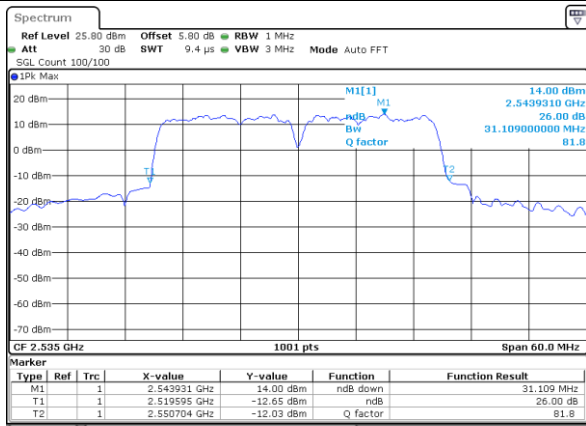
Middle Channel / 15MHz+10MHz / 16QAM



Date: 27_JUN_2023 02:05:32

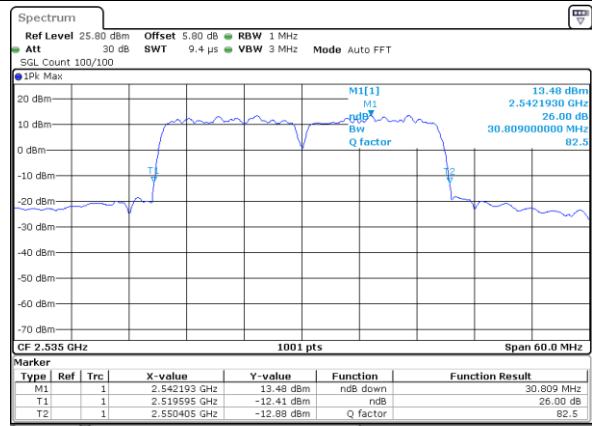
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 27_JUN_2023 02:02:47

Middle Channel / 15MHz+15MHz / 16QAM

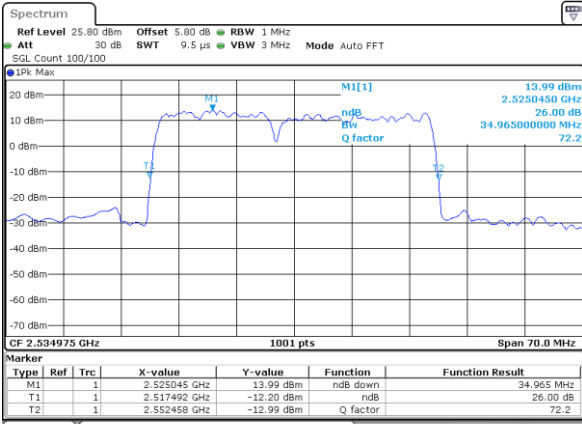


Date: 27_JUN_2023 02:01:40



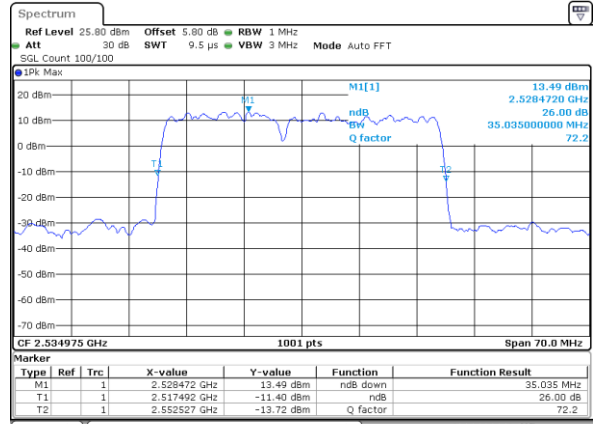
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 27_JUN_2023 01:56:37

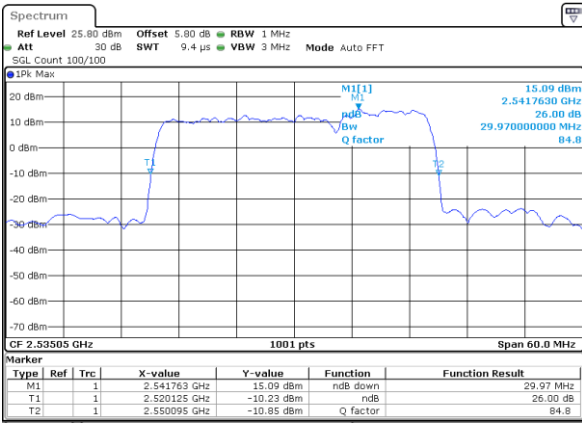
Middle Channel / 15MHz+20MHz / 16QAM



Date: 27_JUN_2023 01:57:46

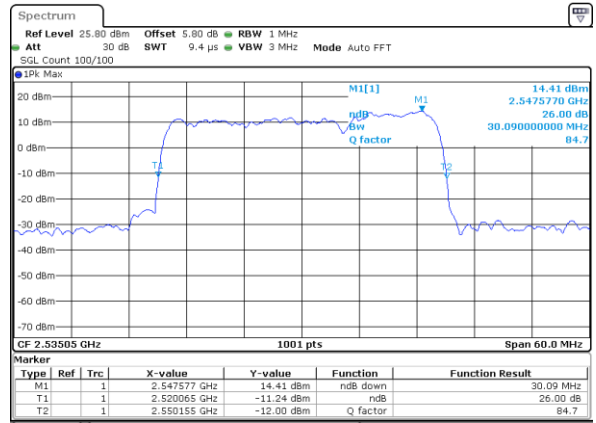
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 27_JUN_2023 01:54:33

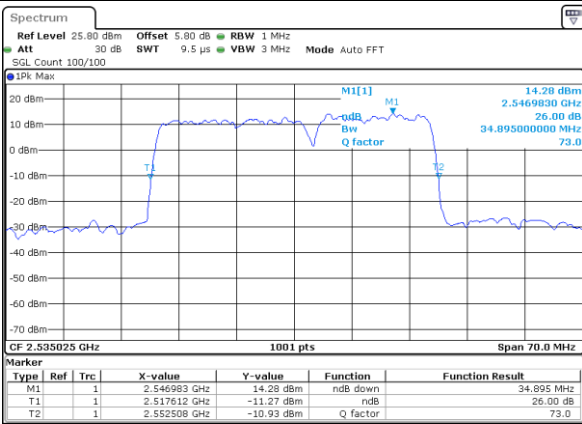
Middle Channel / 20MHz+10MHz / 16QAM



Date: 27_JUN_2023 01:52:14

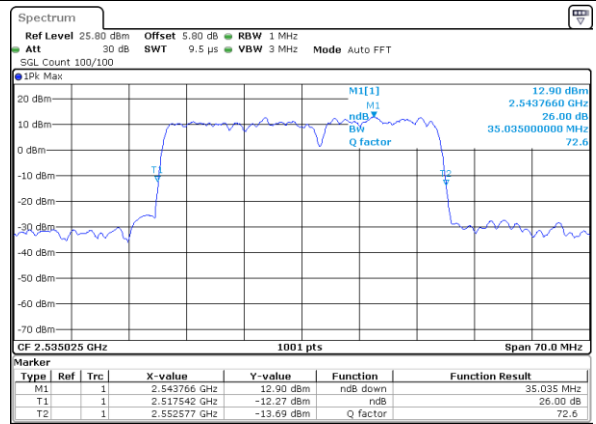
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 27_JUN_2023 01:47:07

Middle Channel / 20MHz+15MHz / 16QAM

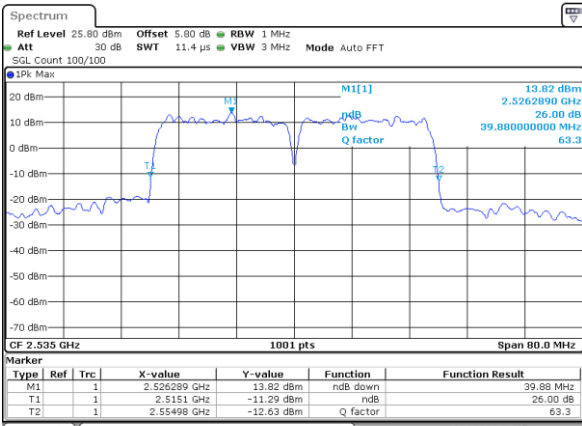


Date: 27_JUN_2023 01:48:07



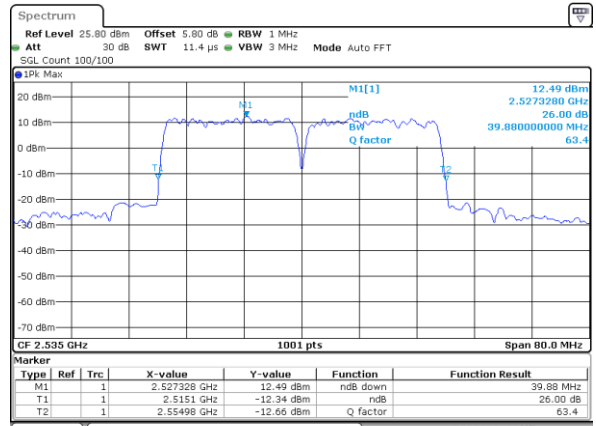
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 27_JUN.2023 01:41:46

Middle Channel / 20MHz+20MHz / 16QAM



Date: 27_JUN.2023 01:42:13



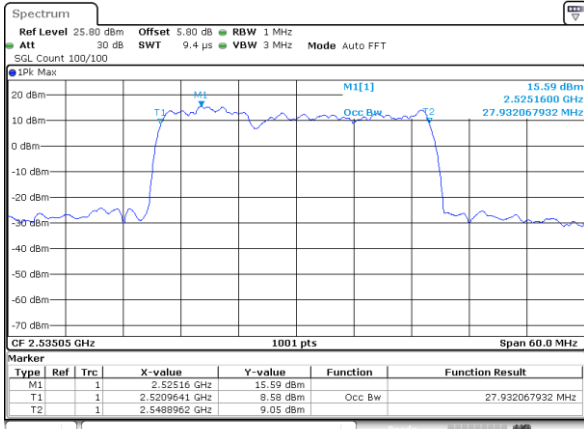
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.93	27.93
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.59
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.80	32.73
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	28.05
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	37.96



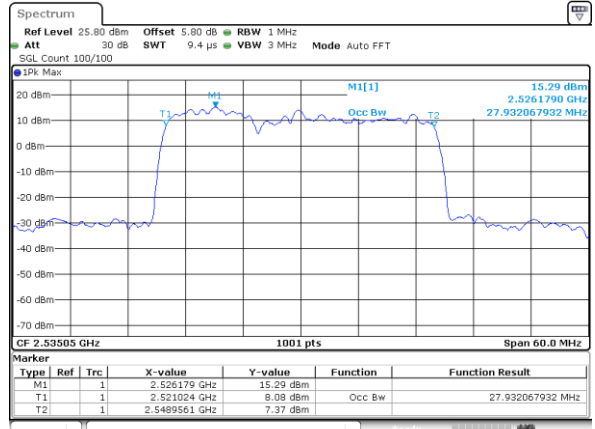
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 27 JUN 2023 02:07:53

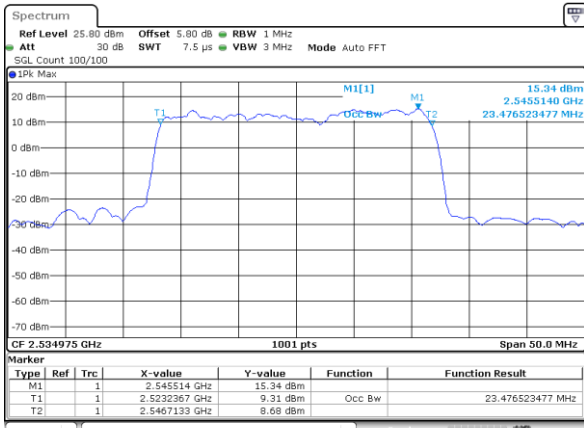
Middle Channel / 10MHz+20MHz / 16QAM



Date: 27 JUN 2023 02:10:46

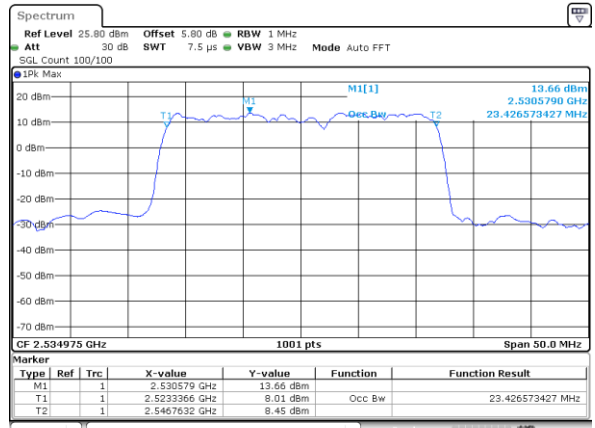
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 27 JUN 2023 02:03:54

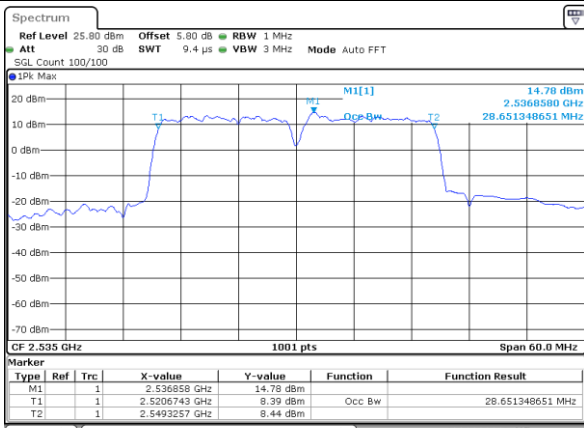
Middle Channel / 15MHz+10MHz / 16QAM



Date: 27 JUN 2023 02:10:02

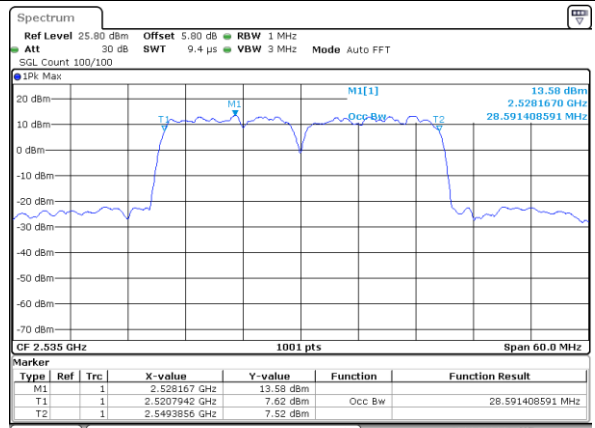
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 27 JUN 2023 02:02:18

Middle Channel / 15MHz+15MHz / 16QAM

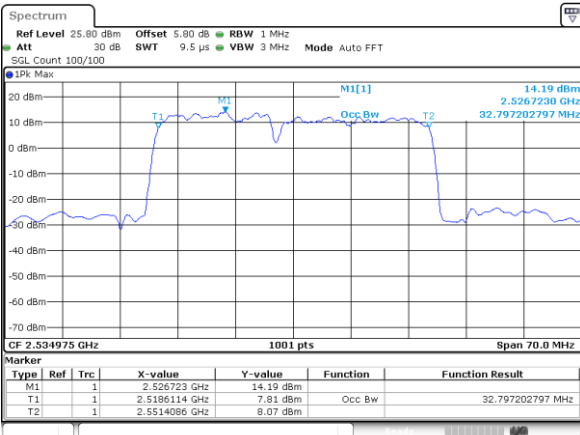


Date: 27 JUN 2023 01:58:36



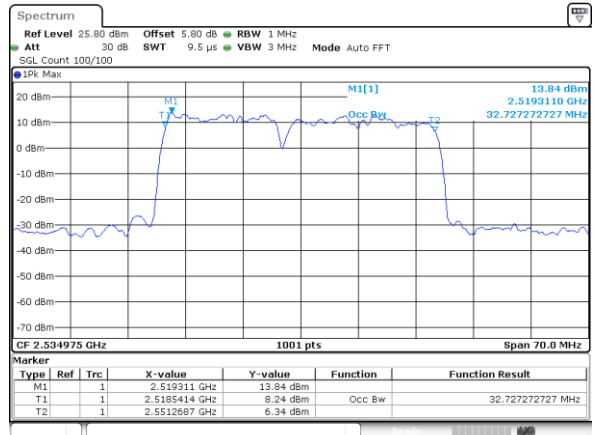
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 27 JUN 2023 01:56:08

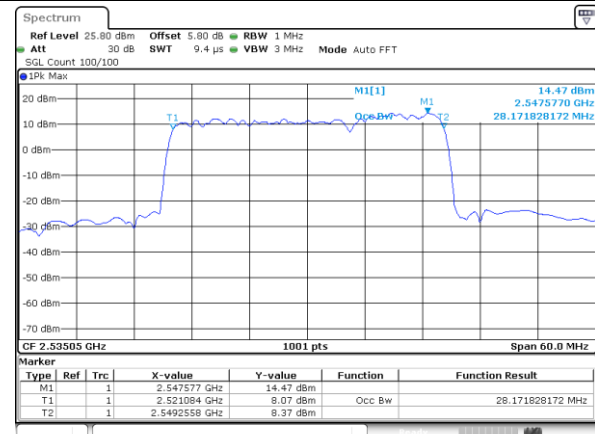
Middle Channel / 15MHz+20MHz / 16QAM



Date: 27 JUN 2023 01:57:13

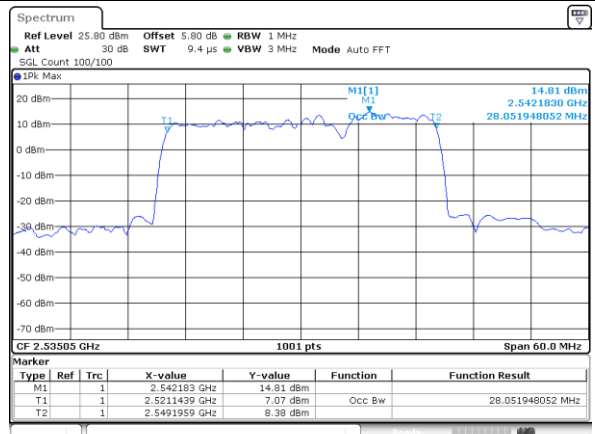
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 27 JUN 2023 01:53:05

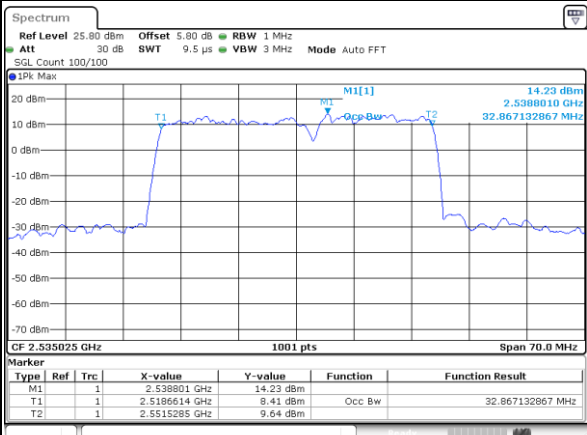
Middle Channel / 20MHz+10MHz / 16QAM



Date: 27 JUN 2023 01:52:05

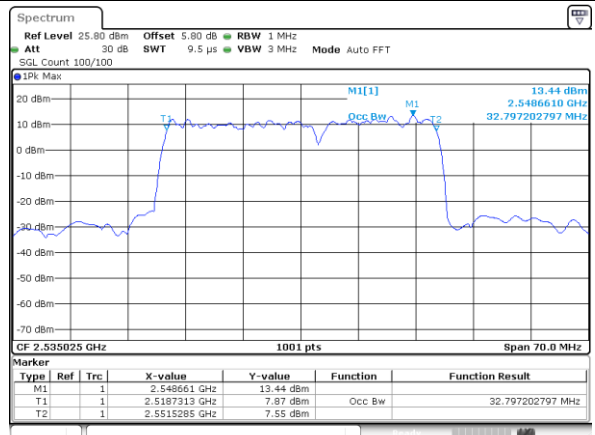
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 27 JUN 2023 01:46:37

Middle Channel / 20MHz+15MHz / 16QAM

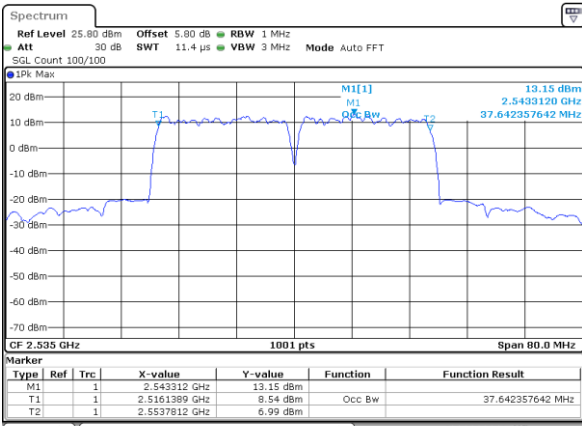


Date: 27 JUN 2023 01:47:37



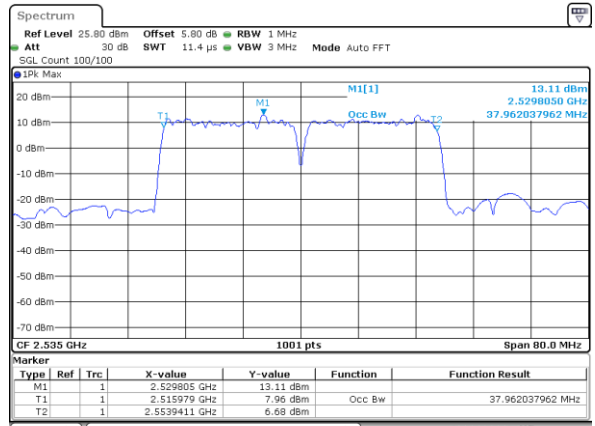
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 27 JUN 2023 01:43:18

Middle Channel / 20MHz+20MHz / 16QAM



Date: 27 JUN 2023 01:42:41

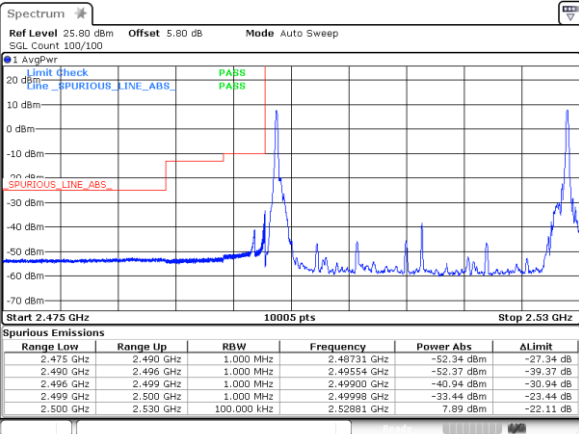


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

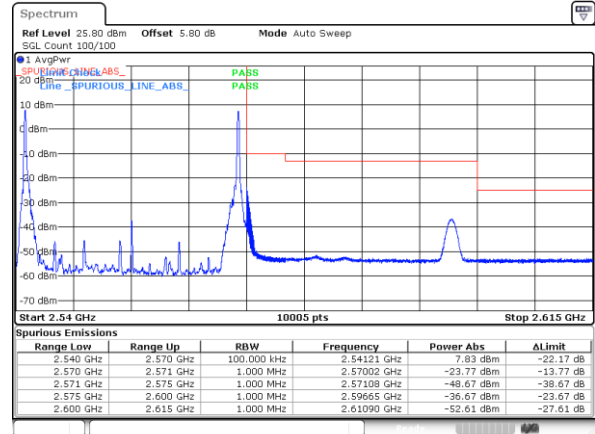
QPSK

Lowest Band Edge / 1RB0 and 1RB99



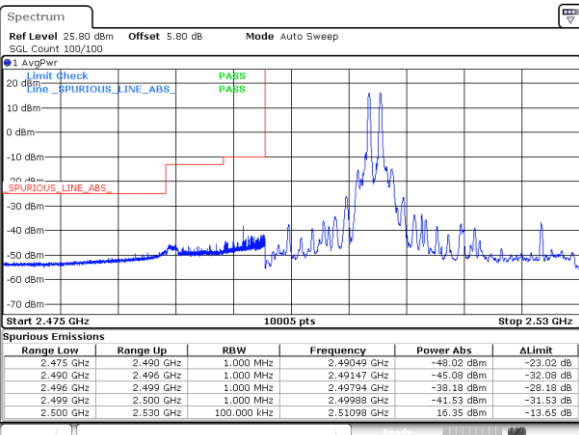
Date: 26 JUN 2023 22:12:36

Highest Band Edge / 1RB0 and 1RB99



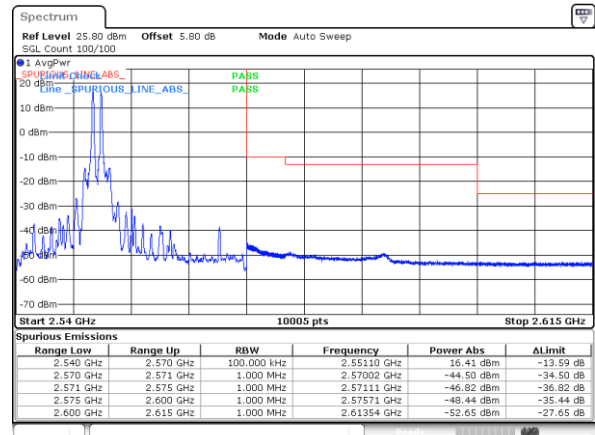
Date: 26 JUN 2023 22:26:25

Lowest Band Edge / 1RB49 and 1RB0



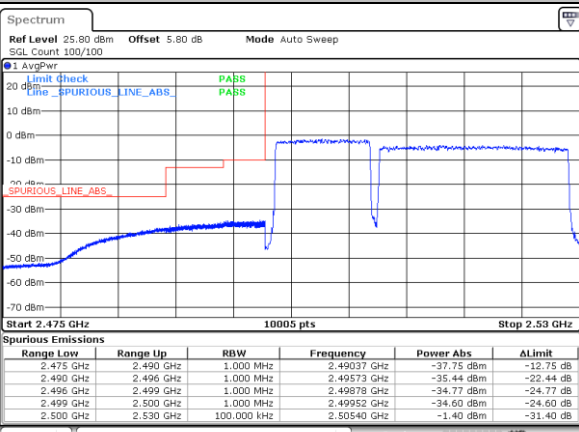
Date: 26 JUN 2023 22:16:09

Highest Band Edge / 1RB49 and 1RB0



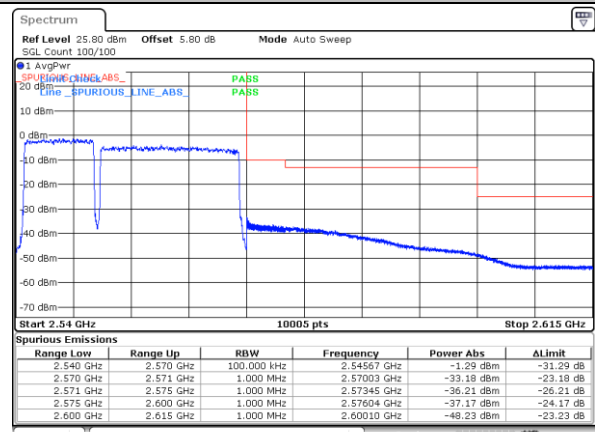
Date: 26 JUN 2023 22:29:56

Lowest Band Edge / Full RB



Date: 26 JUN 2023 22:19:41

Highest Band Edge / Full RB



Date: 26 JUN 2023 22:33:27