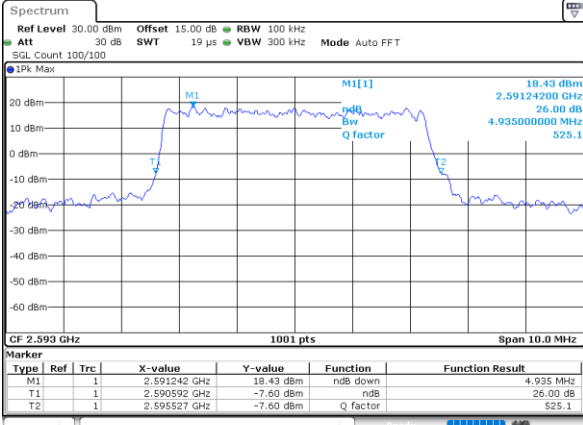




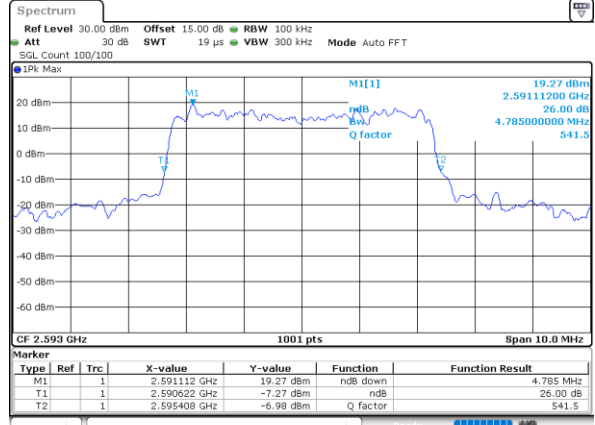
LTE Band 41

Middle Channel / 5MHz / QPSK



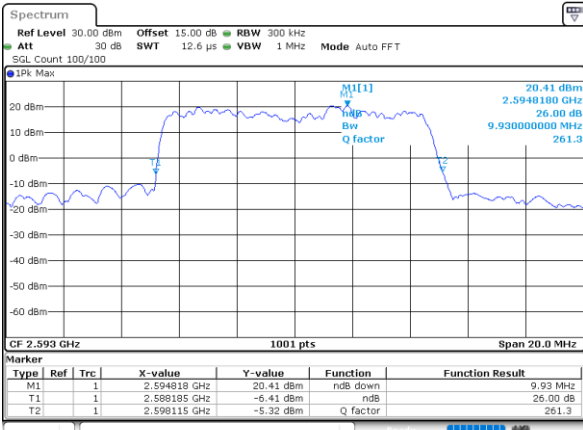
Date: 18, DEC, 2023 11:21:33

Middle Channel / 5MHz / 16QAM



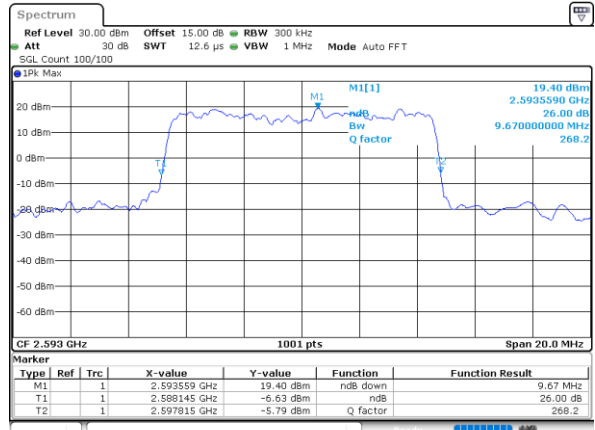
Date: 18, DEC, 2023 11:22:18

Middle Channel / 10MHz / QPSK



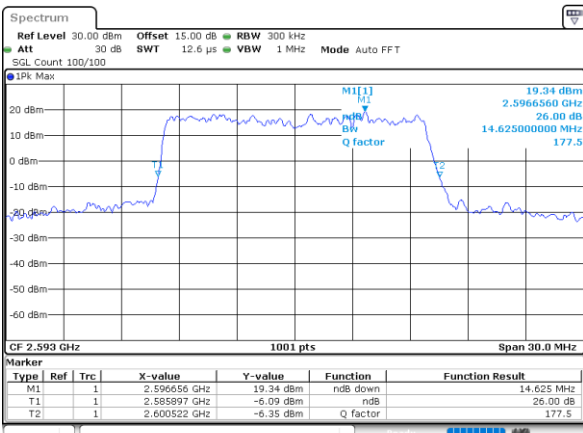
Date: 18, DEC, 2023 11:52:11

Middle Channel / 10MHz / 16QAM



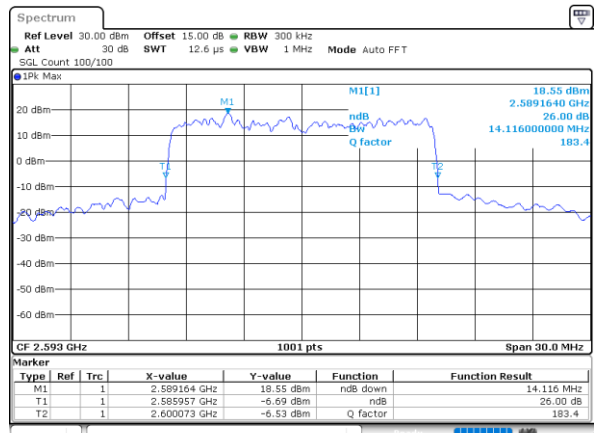
Date: 18, DEC, 2023 11:52:52

Middle Channel / 15MHz / QPSK



Date: 18, DEC, 2023 12:11:28

Middle Channel / 15MHz / 16QAM

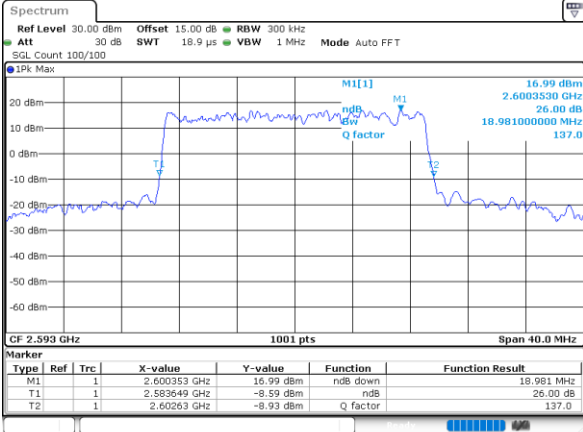


Date: 18, DEC, 2023 12:12:09



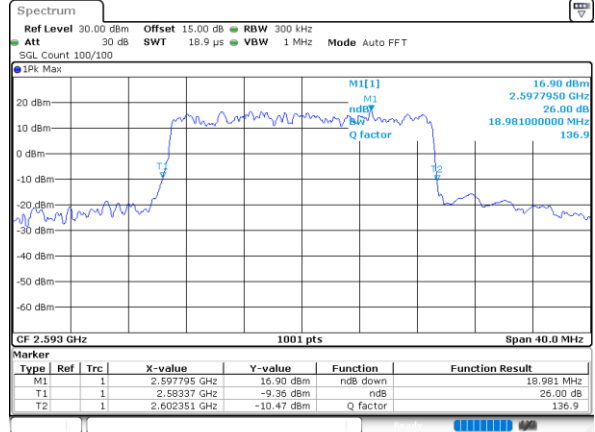
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 18, DEC, 2023 13:15:33

Middle Channel / 20MHz / 16QAM



Date: 18, DEC, 2023 13:16:13



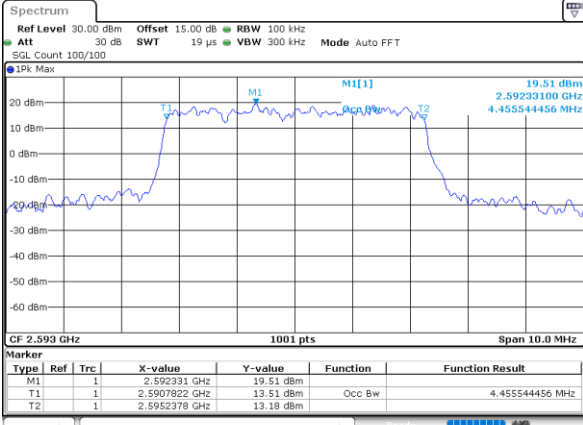
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.46	4.53	9.03	9.07	13.43	13.49	17.98	17.90



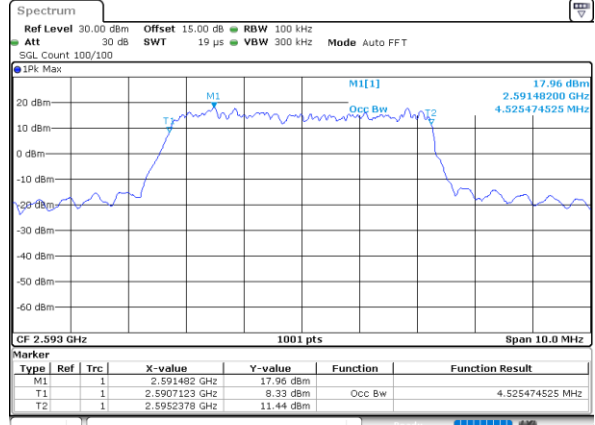
LTE Band 41

Middle Channel / 5MHz / QPSK



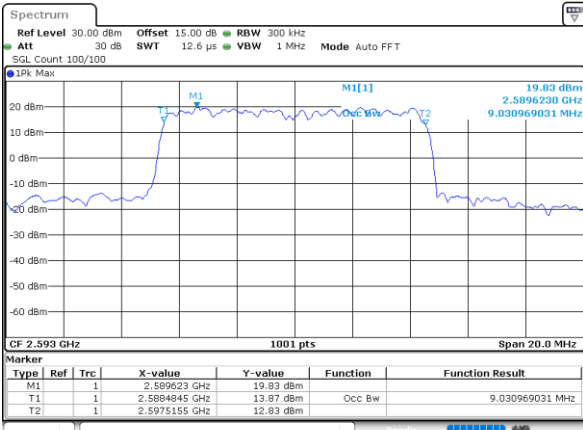
Date: 18, DEC, 2023 11:21:12

Middle Channel / 5MHz / 16QAM



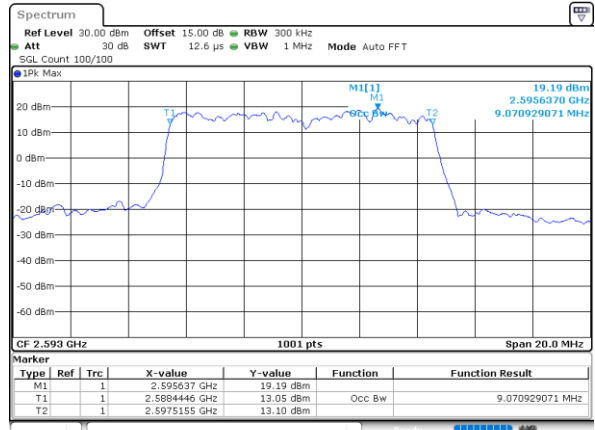
Date: 18, DEC, 2023 11:22:02

Middle Channel / 10MHz / QPSK



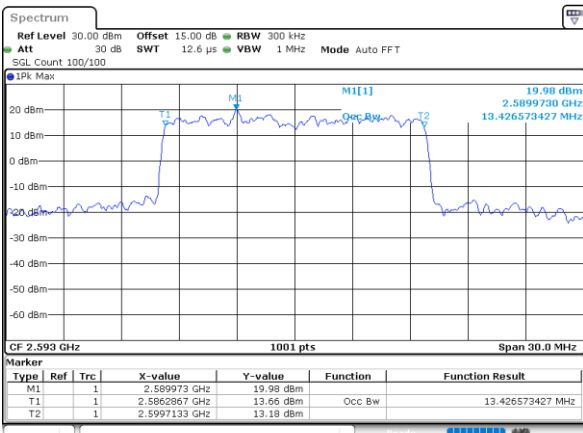
Date: 18, DEC, 2023 11:51:57

Middle Channel / 10MHz / 16QAM



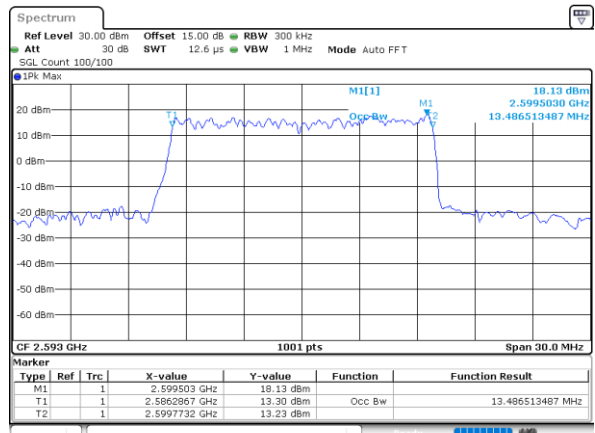
Date: 18, DEC, 2023 11:52:38

Middle Channel / 15MHz / QPSK



Date: 18, DEC, 2023 12:11:14

Middle Channel / 15MHz / 16QAM

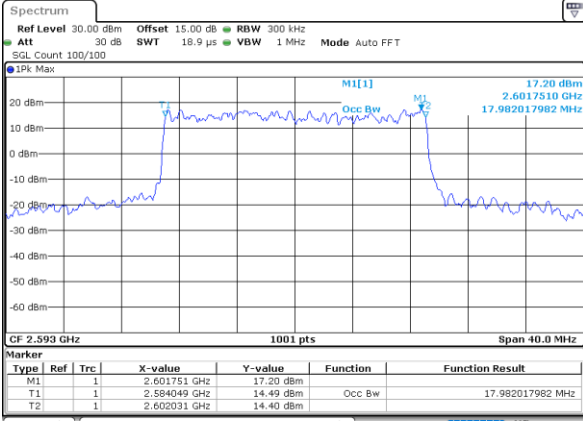


Date: 18, DEC, 2023 12:11:55



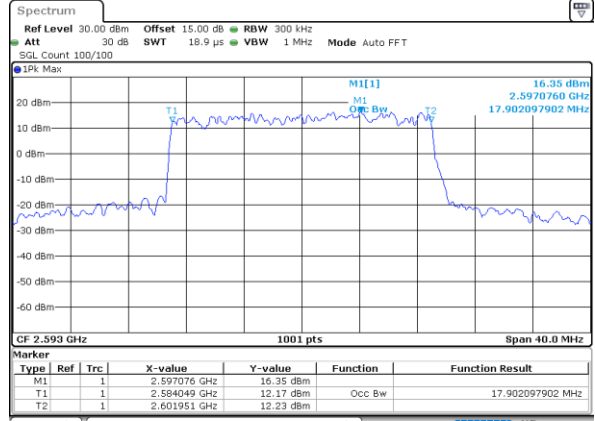
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 18, DEC, 2023 13:15:19

Middle Channel / 20MHz / 16QAM



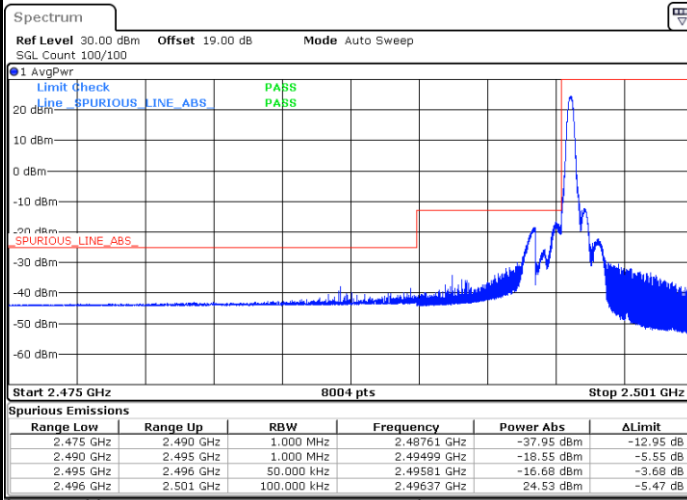
Date: 18, DEC, 2023 13:15:59



Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



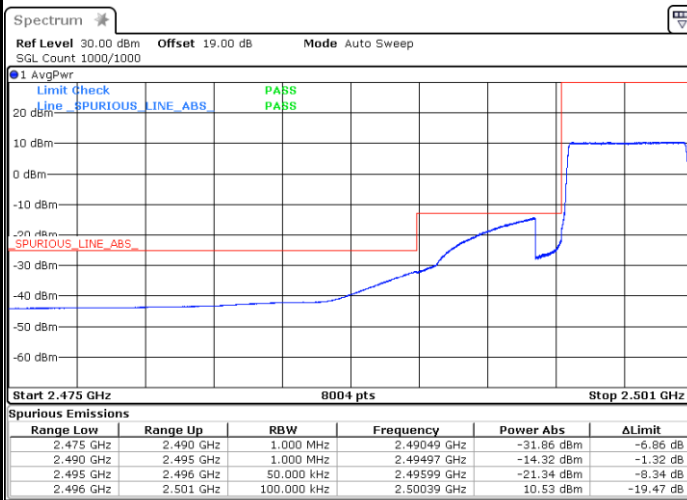
Date: 18.DEC.2023 10:56:13

Highest Band Edge / 1 RB



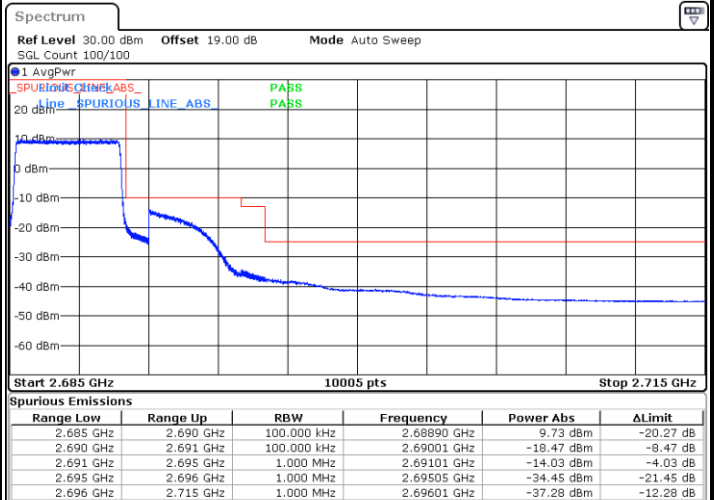
Date: 18.DEC.2023 11:15:36

Lowest Band Edge / Full RB



Date: 18.DEC.2023 11:09:09

Highest Band Edge / Full RB

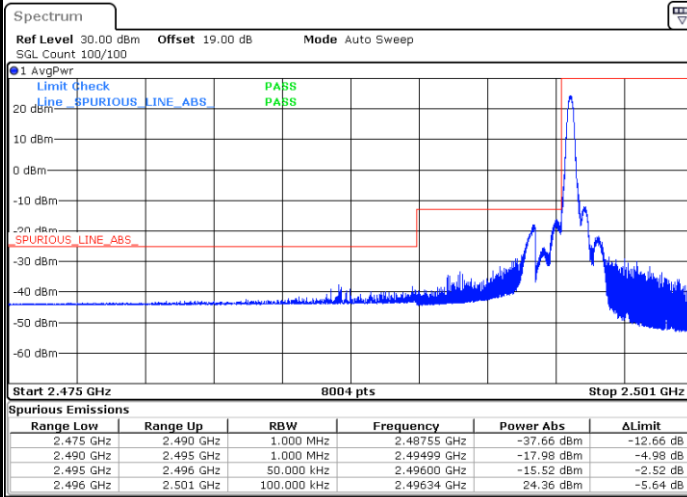


Date: 18.DEC.2023 11:09:27



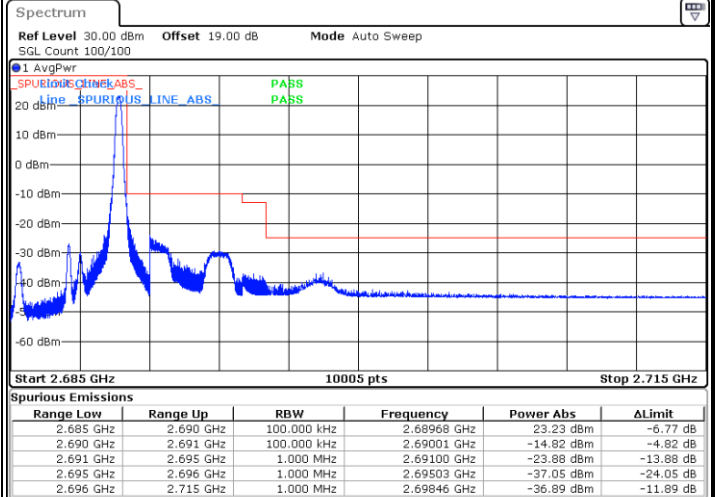
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



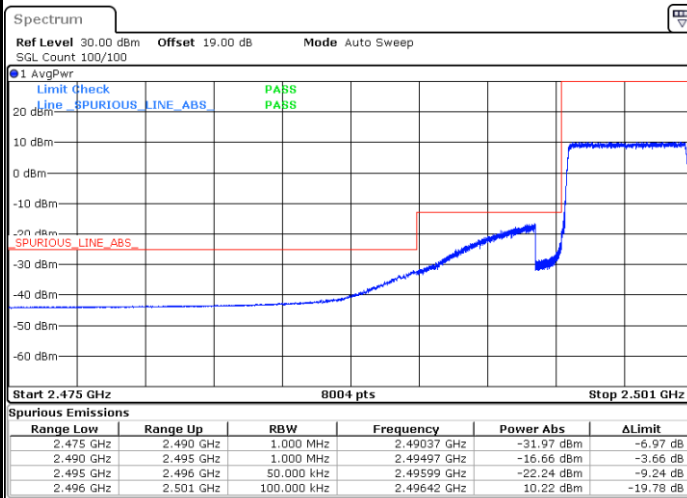
Date: 18.DEC.2023 10:58:19

Highest Band Edge / 1 RB



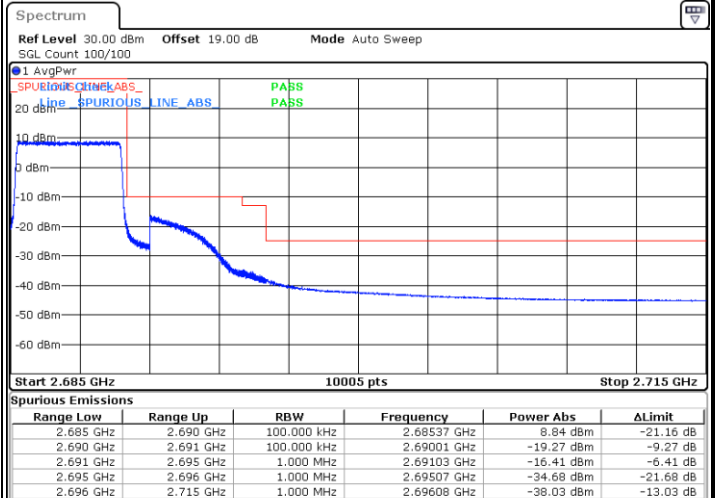
Date: 18.DEC.2023 11:14:19

Lowest Band Edge / Full RB



Date: 18.DEC.2023 11:02:40

Highest Band Edge / Full RB

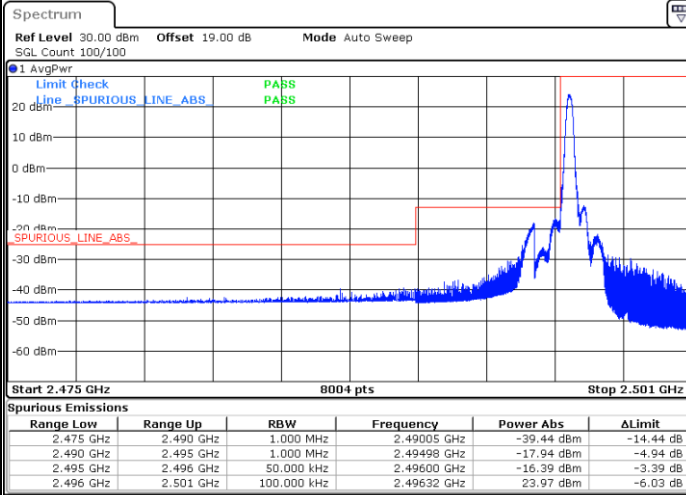


Date: 18.DEC.2023 11:10:39



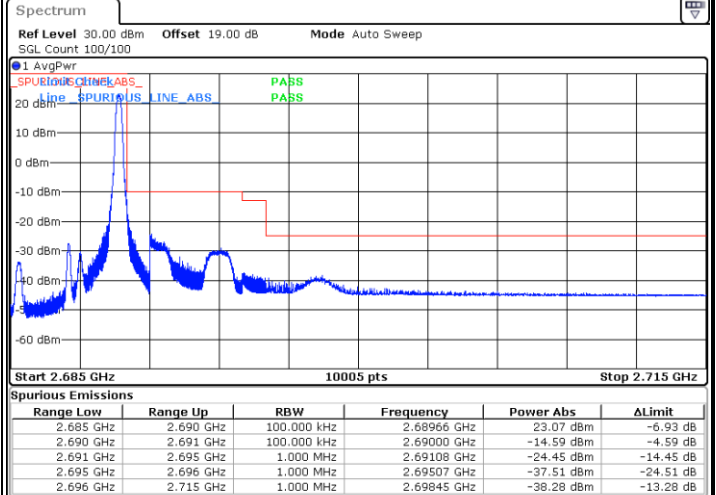
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



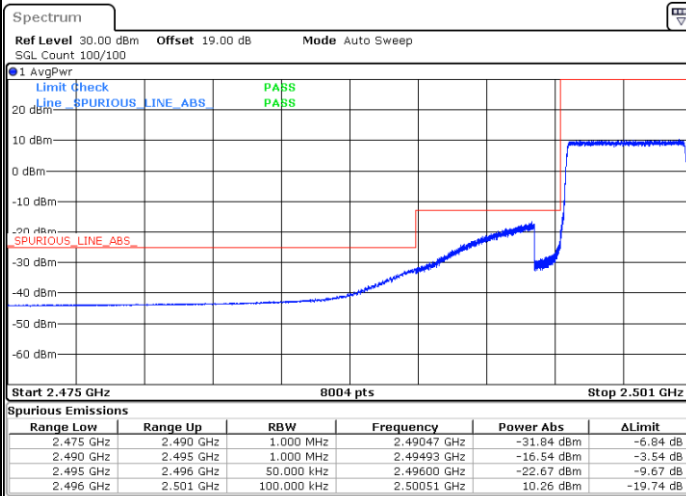
Date: 18.DEC.2023 11:00:25

Highest Band Edge / 1 RB



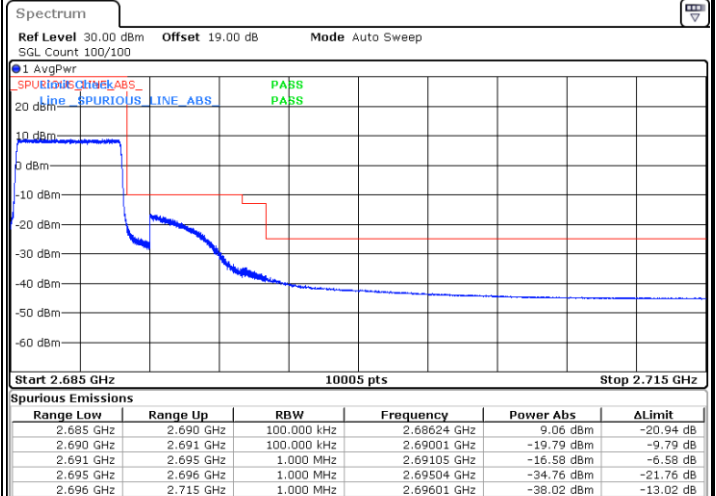
Date: 18.DEC.2023 11:13:05

Lowest Band Edge / Full RB



Date: 18.DEC.2023 11:01:38

Highest Band Edge / Full RB

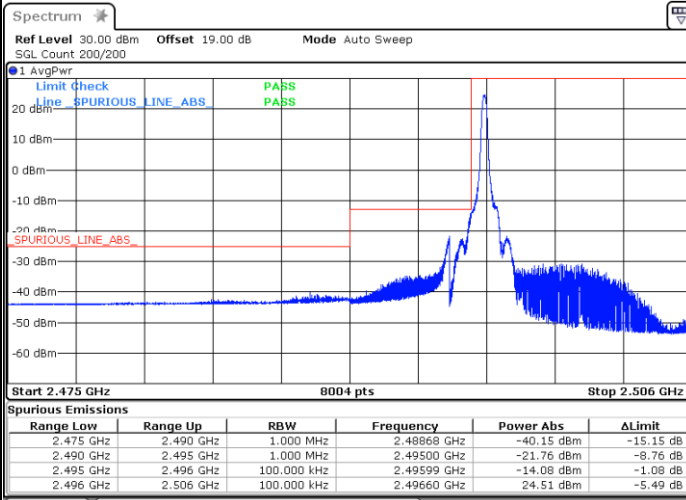


Date: 18.DEC.2023 11:11:48



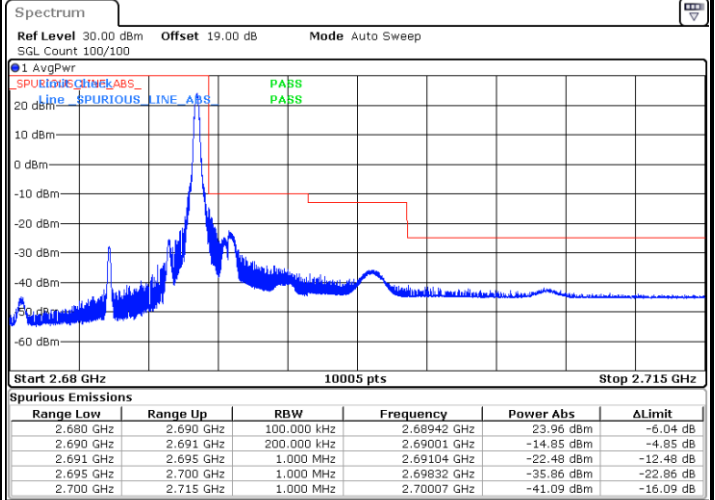
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



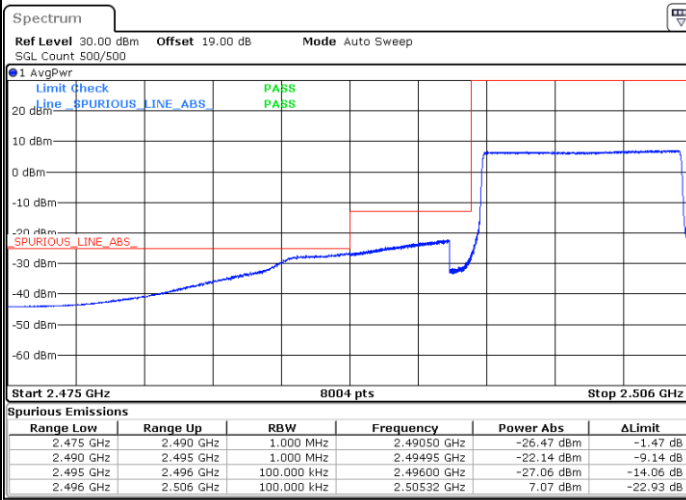
Date: 18.DEC.2023 14:23:09

Highest Band Edge / 1 RB



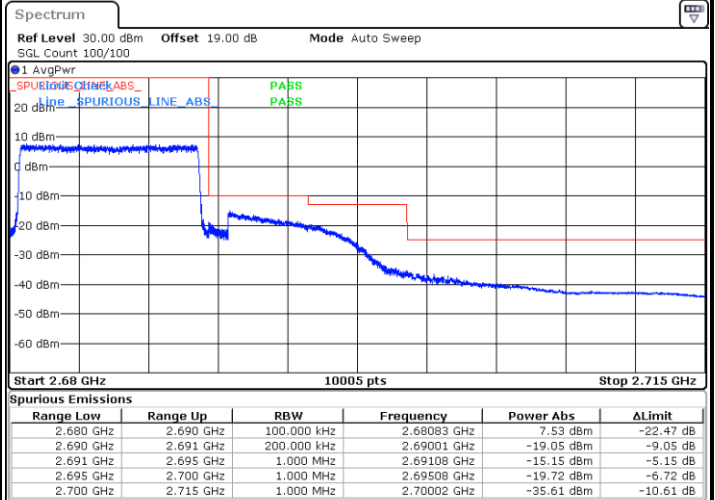
Date: 18.DEC.2023 11:53:48

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:51:08

Highest Band Edge / Full RB

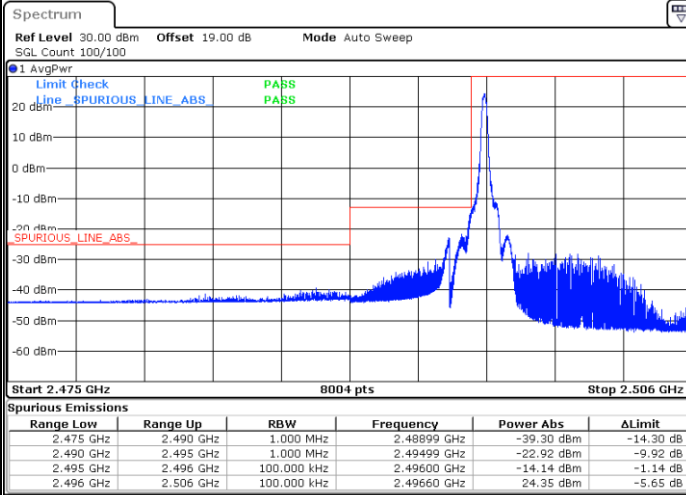


Date: 18.DEC.2023 11:58:31



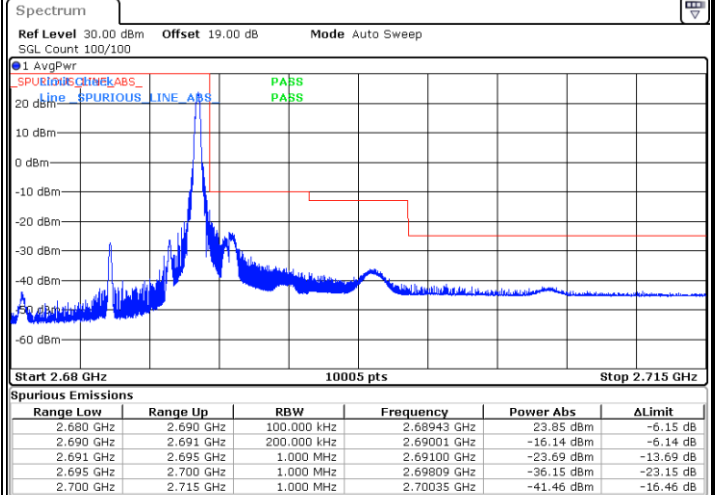
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



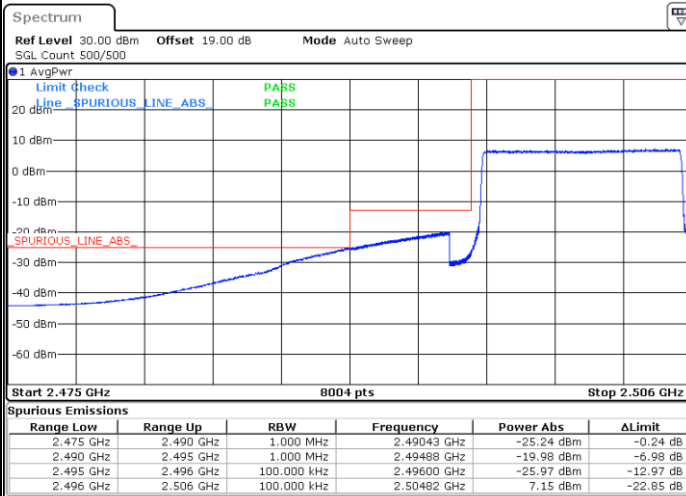
Date: 18.DEC.2023 11:45:20

Highest Band Edge / 1 RB



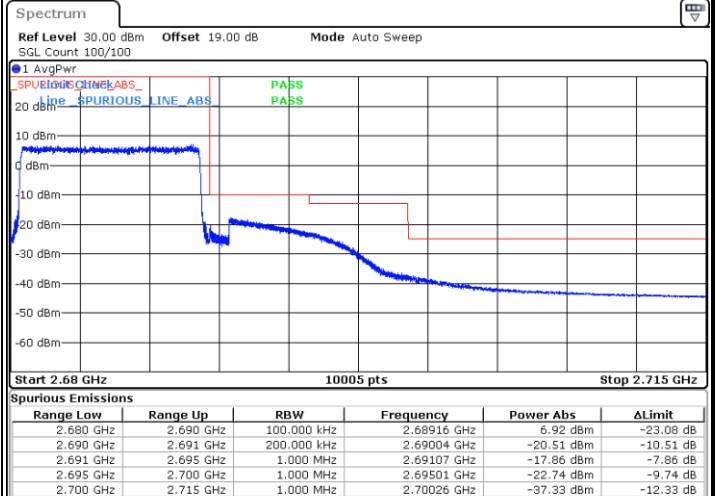
Date: 18.DEC.2023 11:54:44

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:47:00

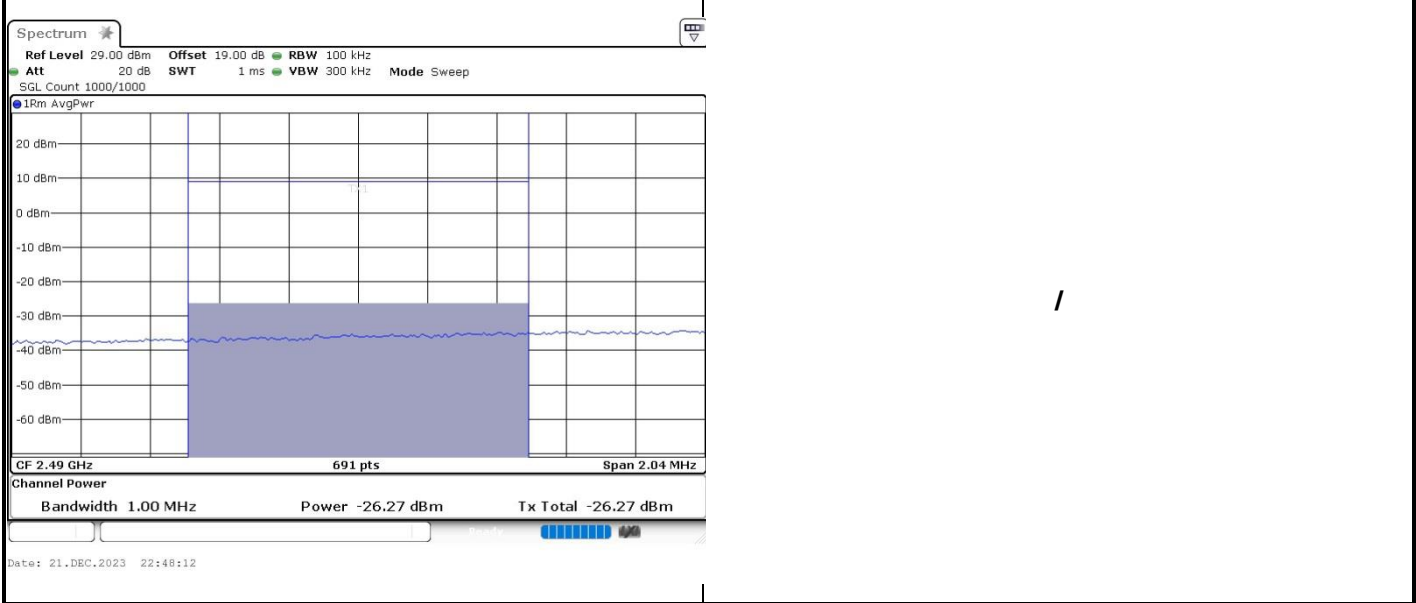
Highest Band Edge / Full RB



Date: 18.DEC.2023 11:57:34



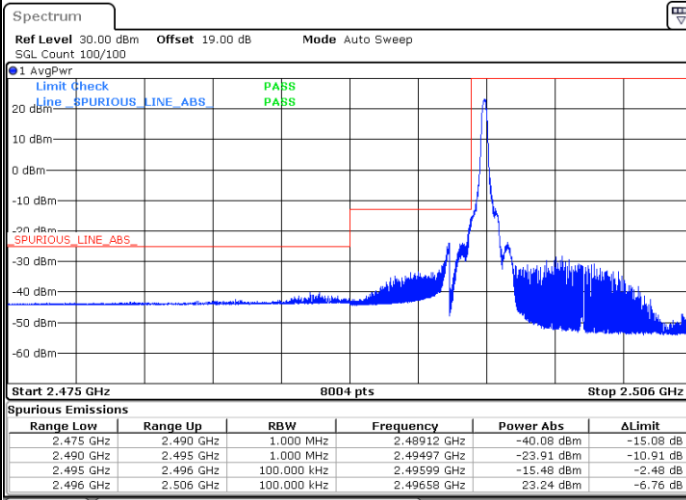
Lowest Band Edge / Full RB-CP /





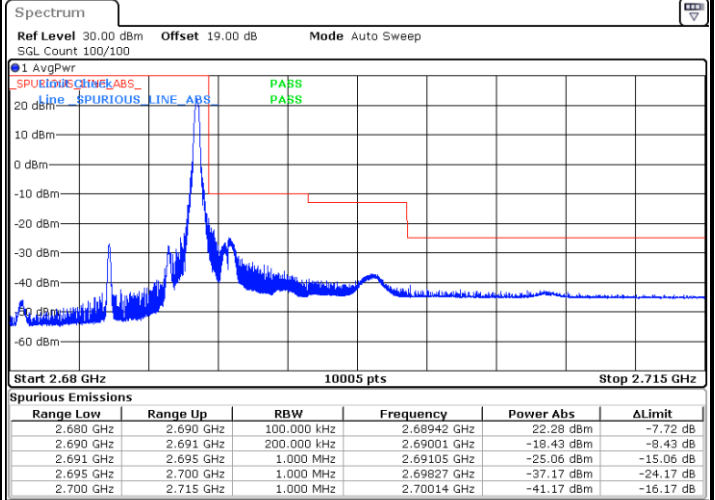
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



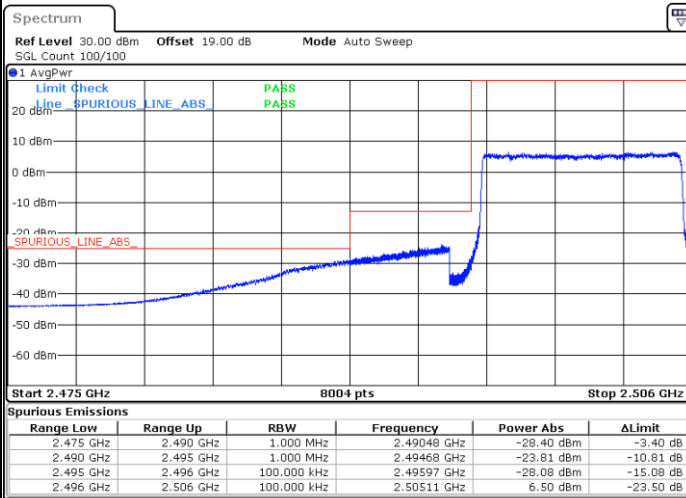
Date: 18.DEC.2023 11:46:17

Highest Band Edge / 1 RB



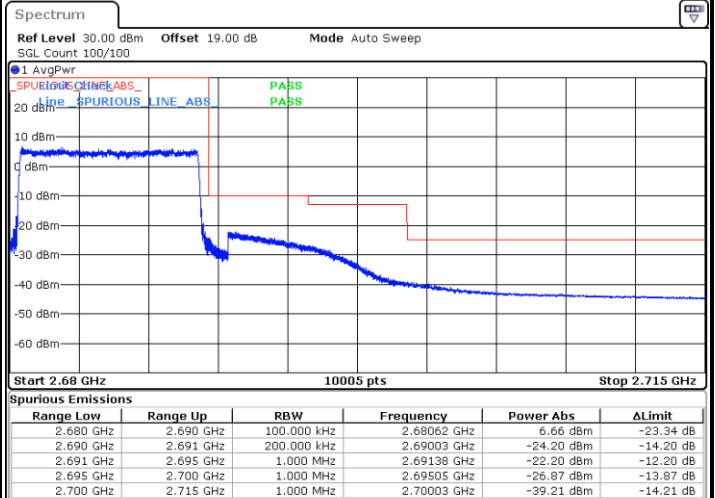
Date: 18.DEC.2023 11:55:41

Lowest Band Edge / Full RB



Date: 18.DEC.2023 11:47:14

Highest Band Edge / Full RB

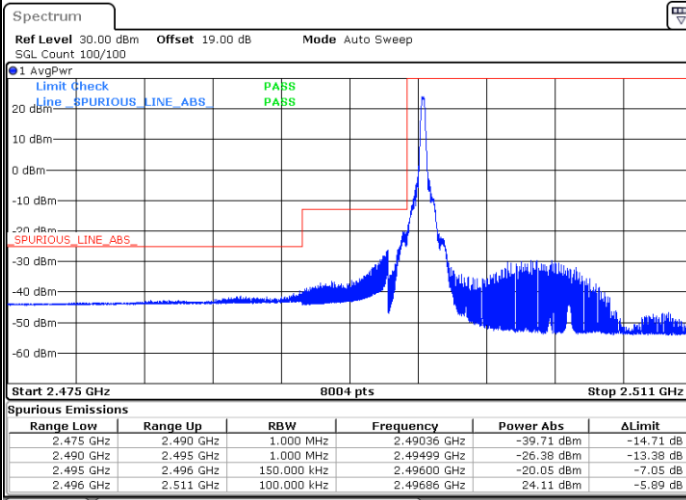


Date: 18.DEC.2023 11:56:37



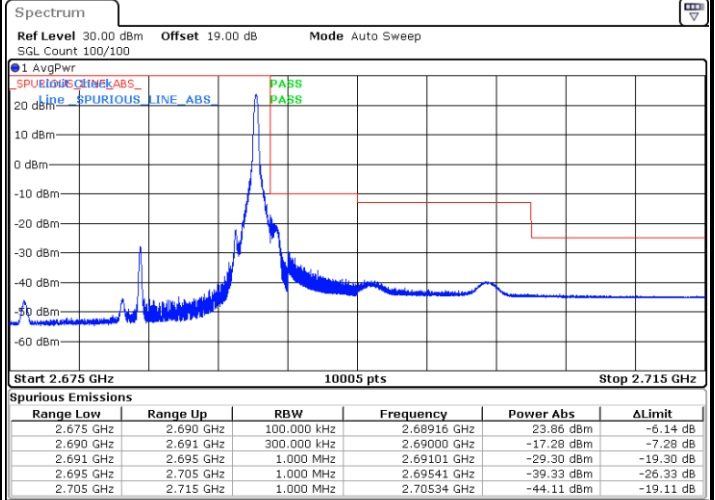
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



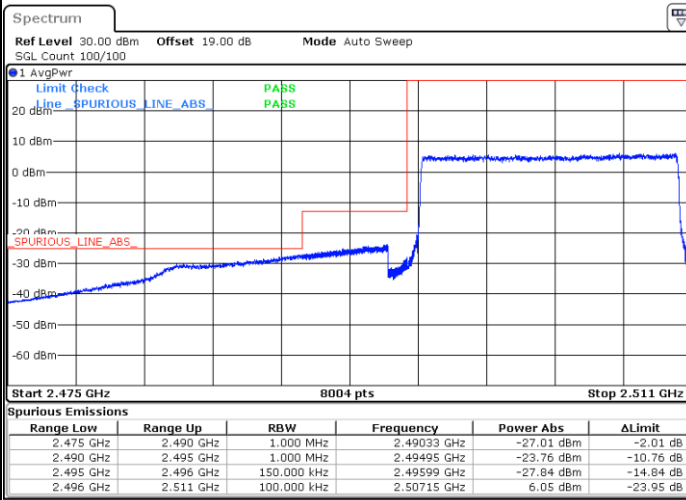
Date: 18.DEC.2023 12:03:28

Highest Band Edge / 1 RB



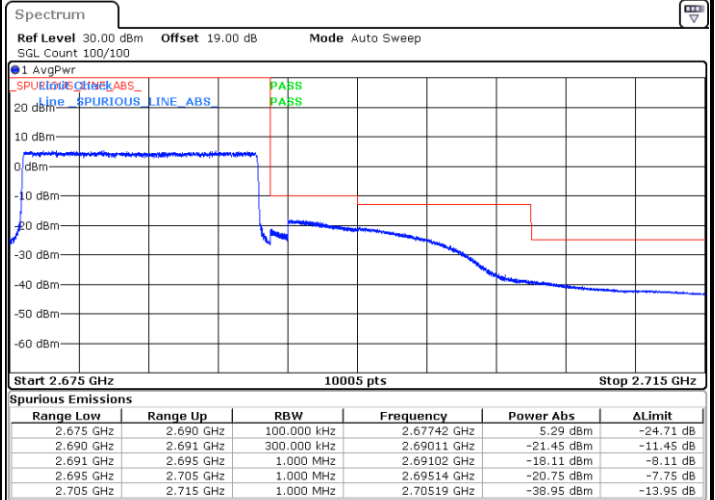
Date: 18.DEC.2023 12:13:04

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:39:16

Highest Band Edge / Full RB

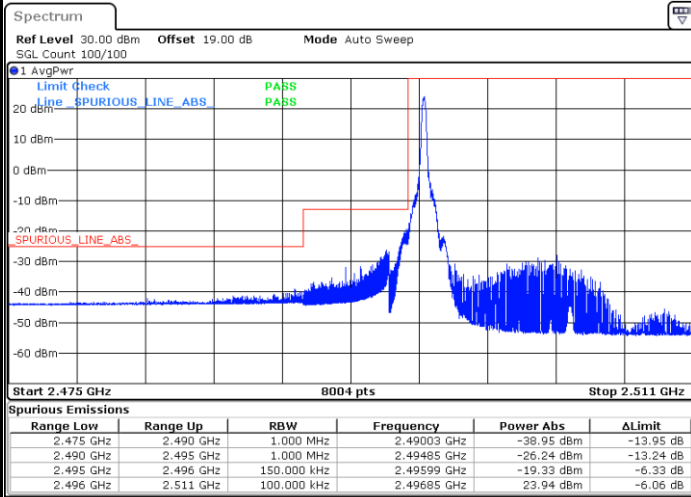


Date: 18.DEC.2023 12:17:47



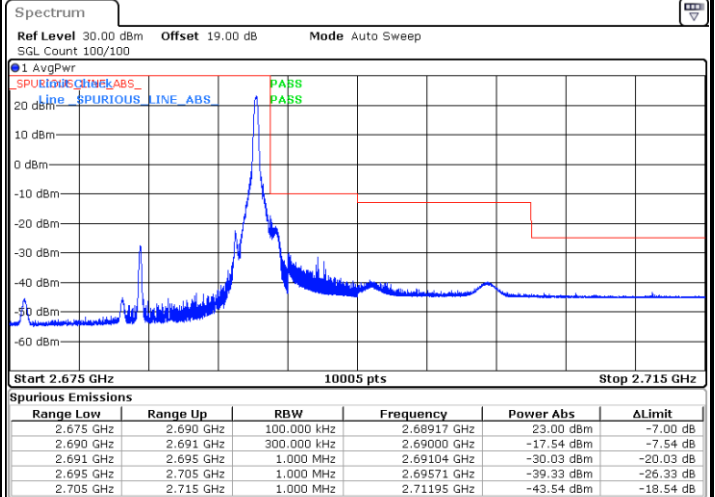
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



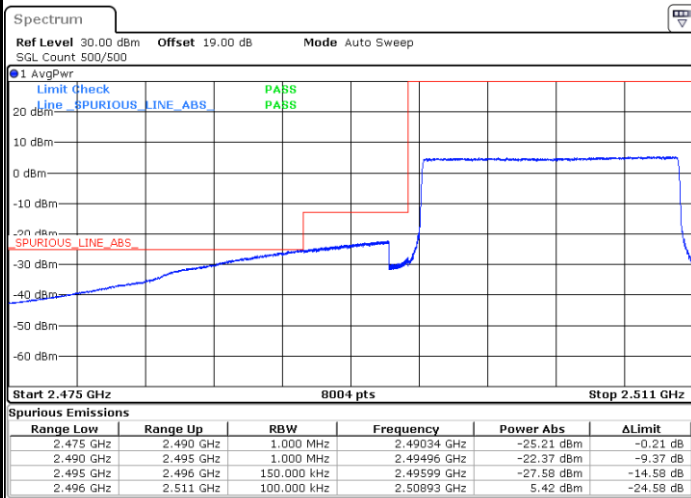
Date: 18.DEC.2023 12:04:30

Highest Band Edge / 1 RB



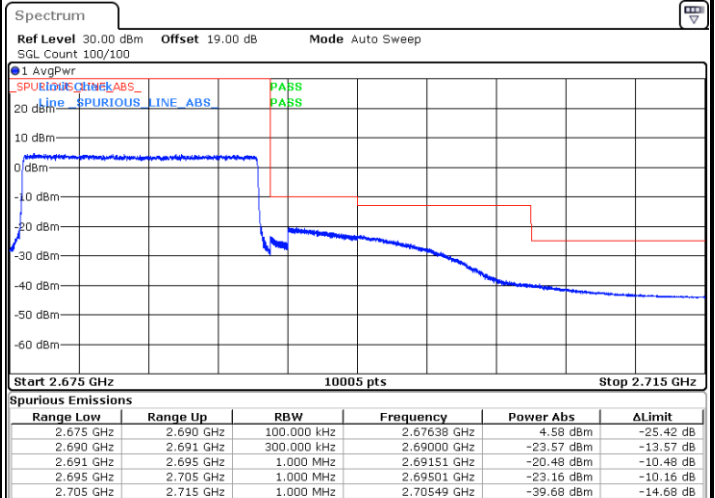
Date: 18.DEC.2023 12:14:01

Lowest Band Edge / Full RB

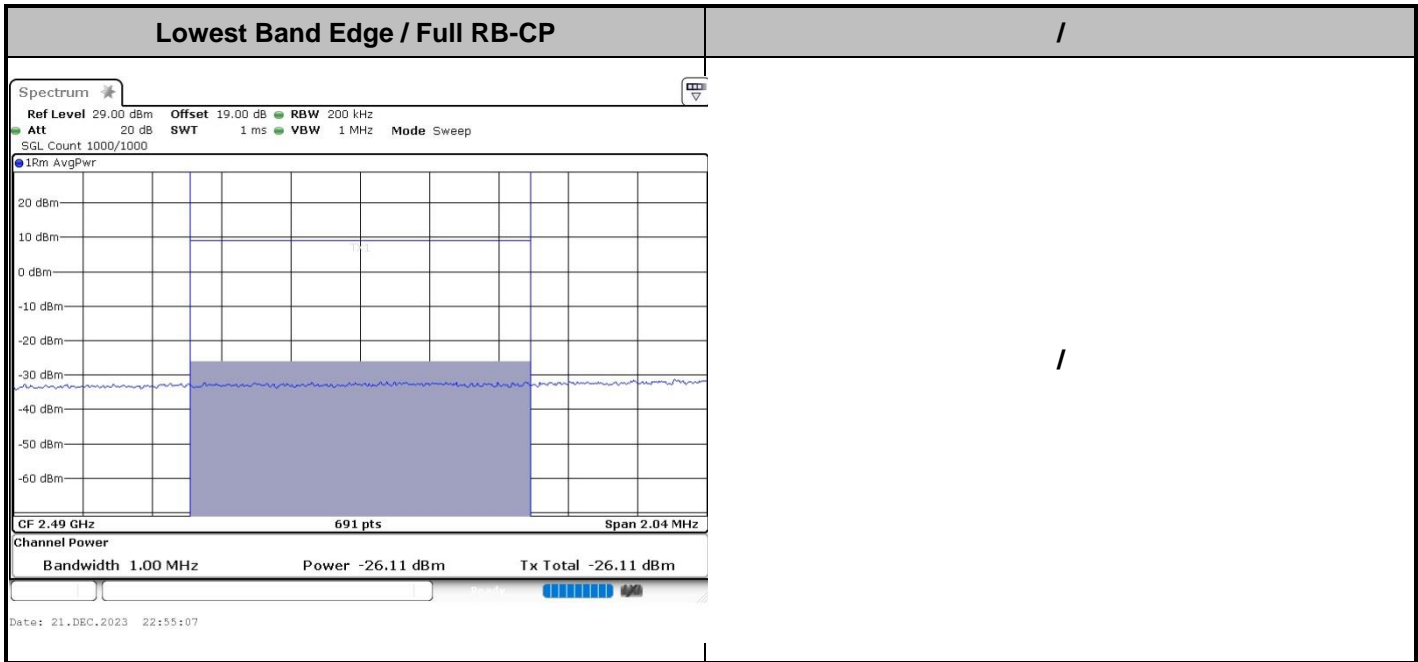


Date: 21.DEC.2023 22:53:48

Highest Band Edge / Full RB



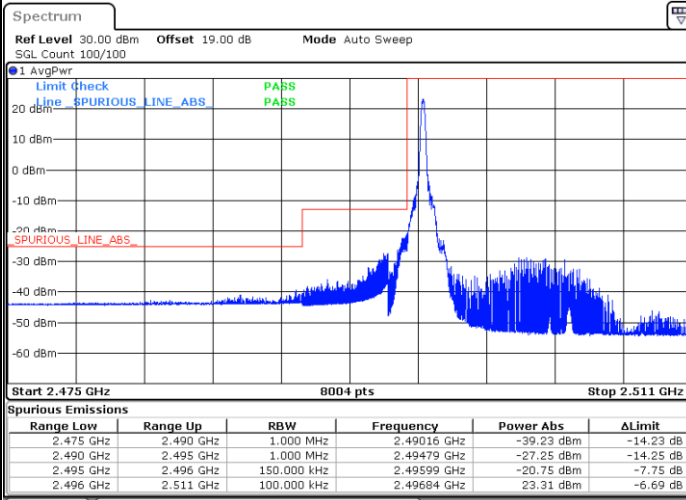
Date: 18.DEC.2023 12:16:50





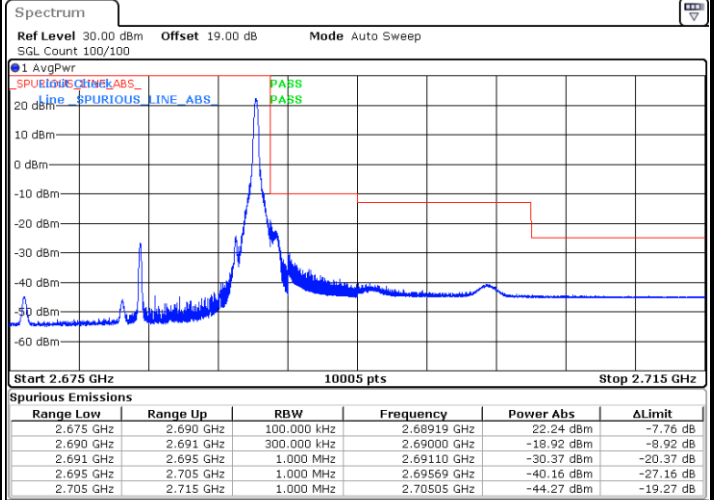
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



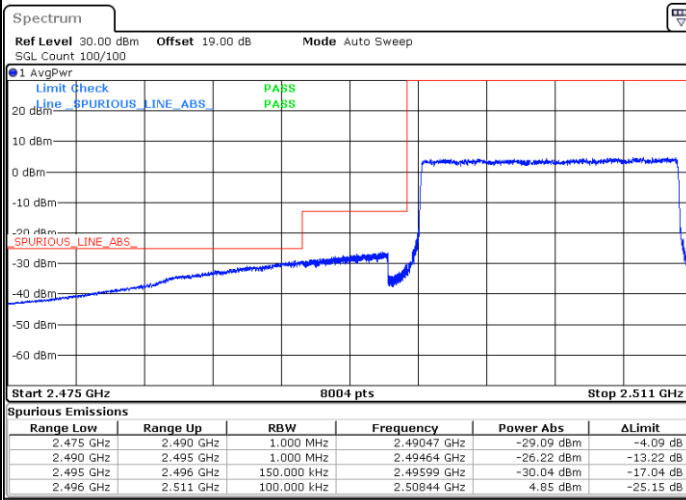
Date: 18.DEC.2023 12:05:26

Highest Band Edge / 1 RB



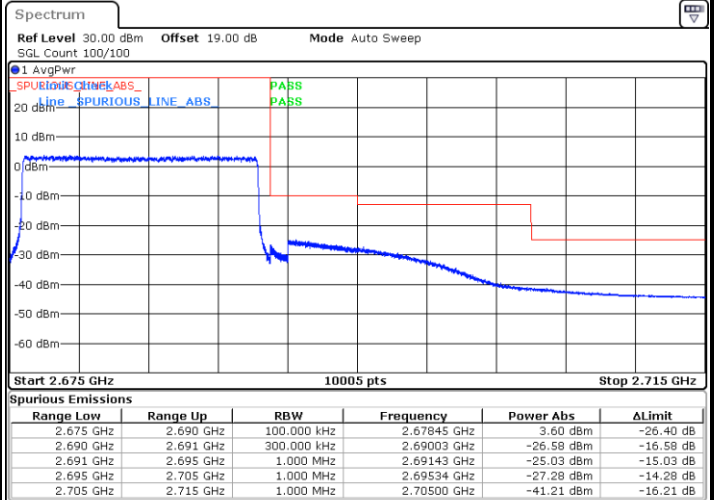
Date: 18.DEC.2023 12:14:57

Lowest Band Edge / Full RB



Date: 18.DEC.2023 12:06:23

Highest Band Edge / Full RB

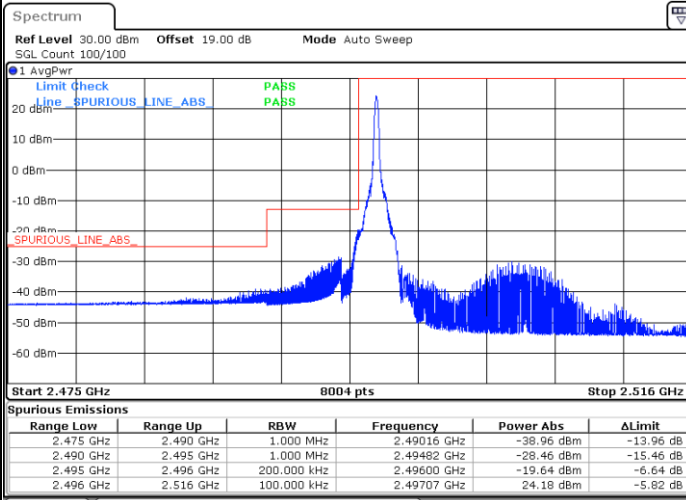


Date: 18.DEC.2023 12:15:54



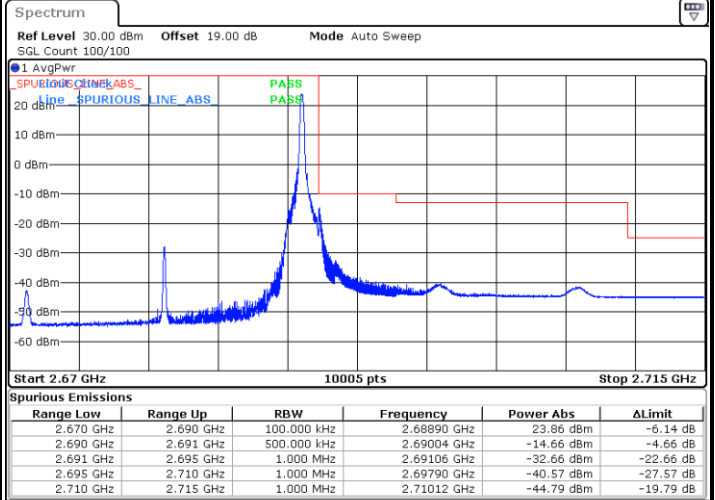
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



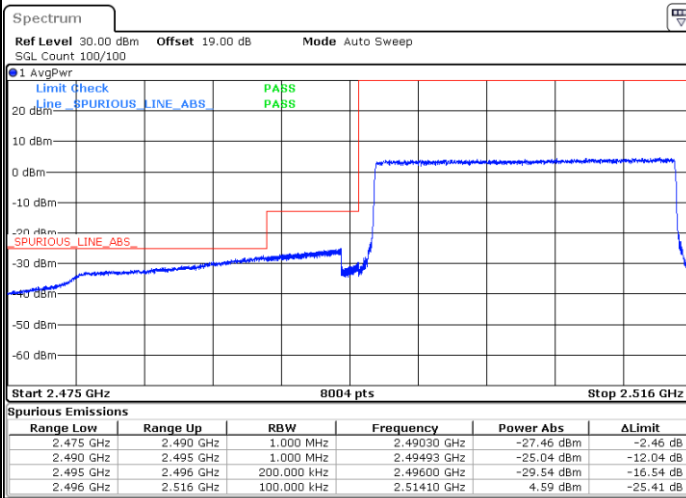
Date: 18.DEC.2023 13:07:36

Highest Band Edge / 1 RB



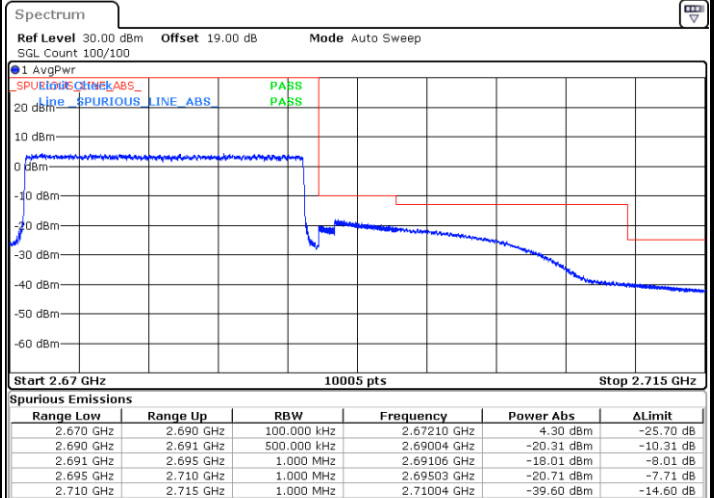
Date: 18.DEC.2023 13:18:32

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:40:15

Highest Band Edge / Full RB

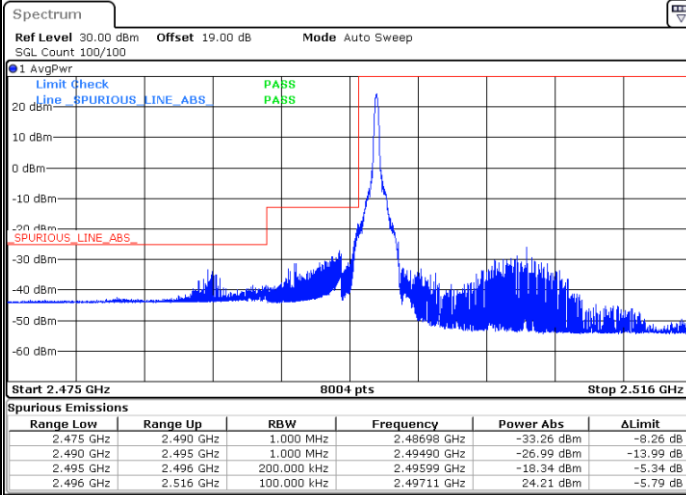


Date: 18.DEC.2023 13:23:15



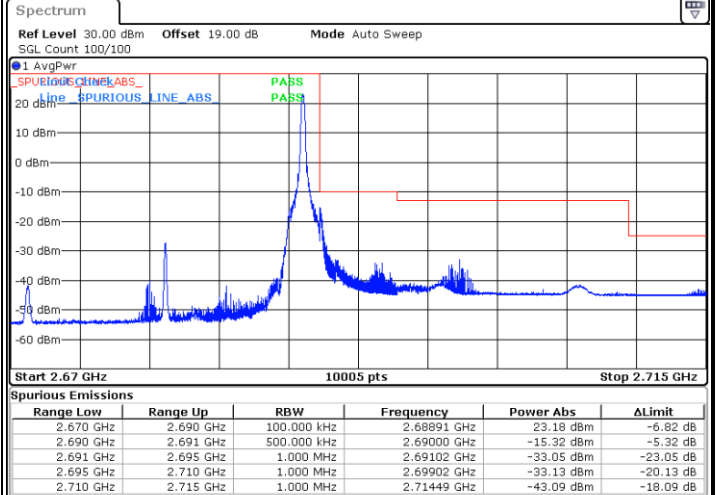
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



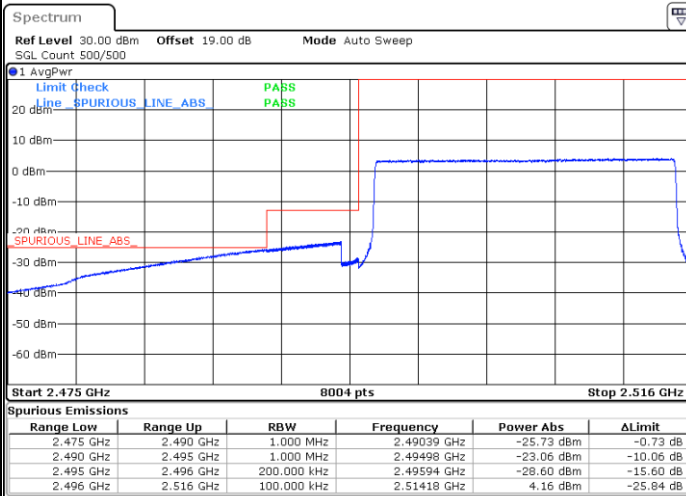
Date: 18.DEC.2023 13:08:33

Highest Band Edge / 1 RB



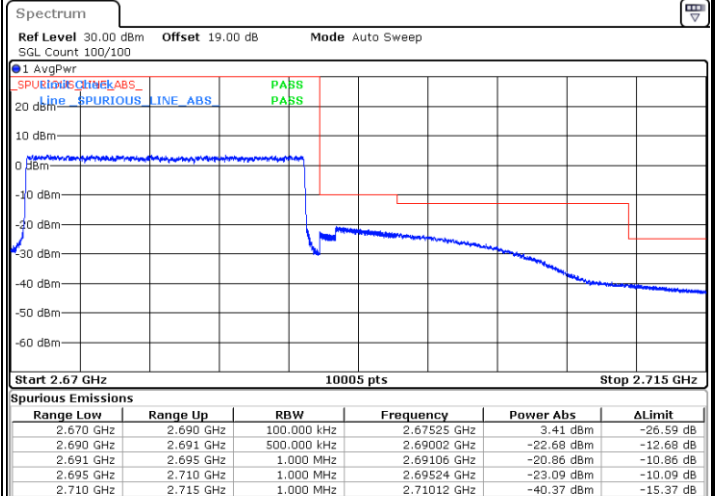
Date: 18.DEC.2023 13:19:29

Lowest Band Edge / Full RB



Date: 21.DEC.2023 22:58:10

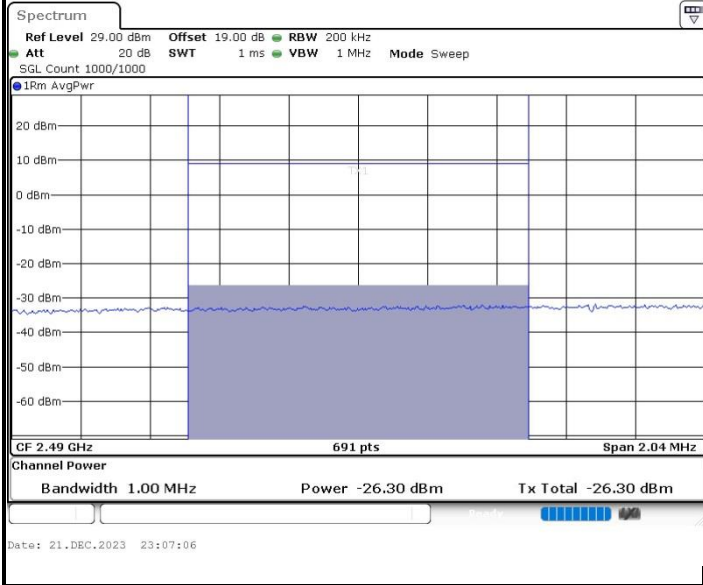
Highest Band Edge / Full RB



Date: 18.DEC.2023 13:22:18



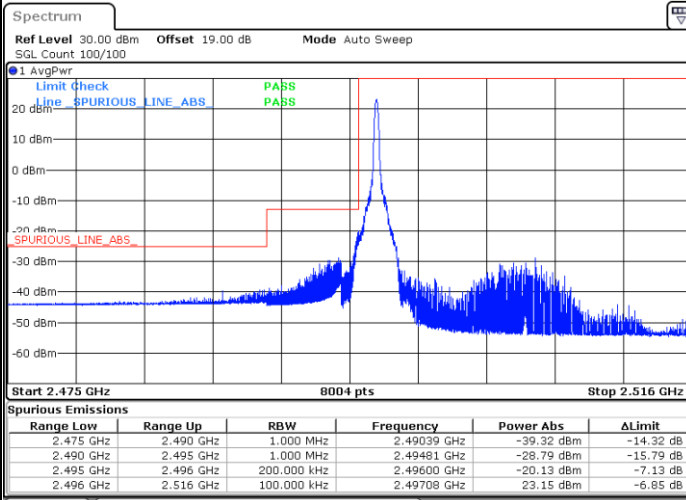
Lowest Band Edge / Full RB-CP





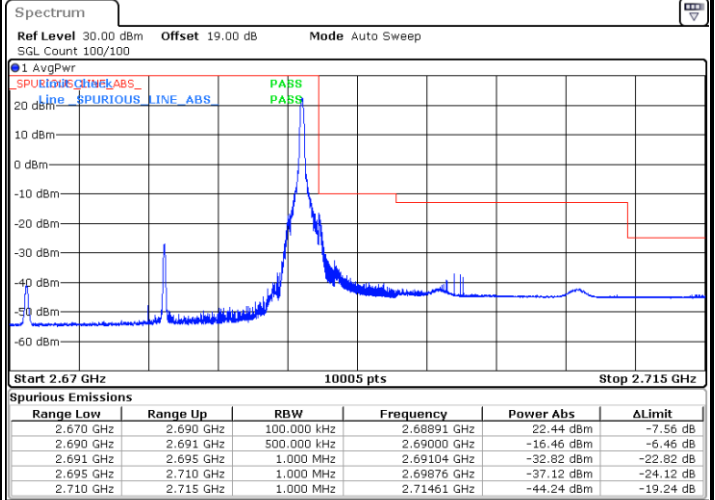
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



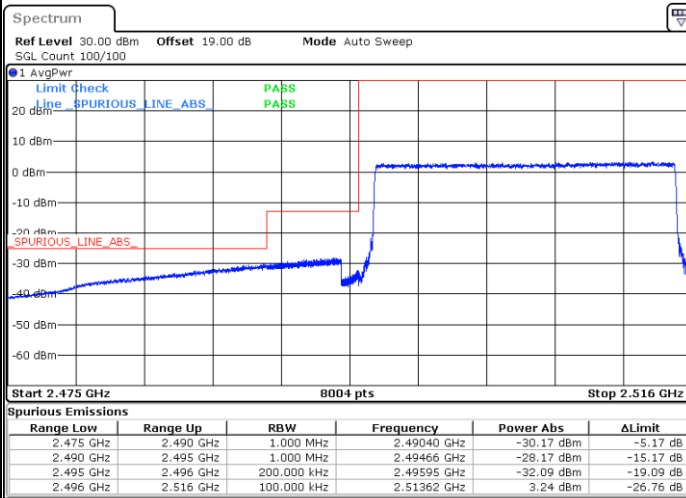
Date: 18.DEC.2023 13:09:30

Highest Band Edge / 1 RB



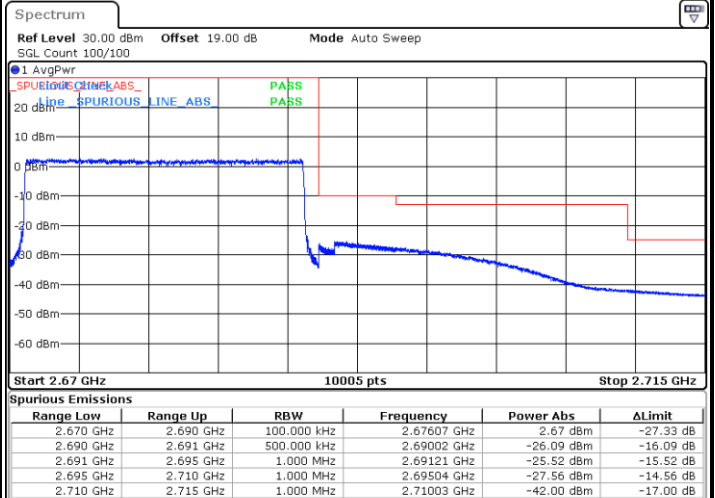
Date: 18.DEC.2023 13:20:25

Lowest Band Edge / Full RB



Date: 18.DEC.2023 13:10:27

Highest Band Edge / Full RB



Date: 18.DEC.2023 13:21:22

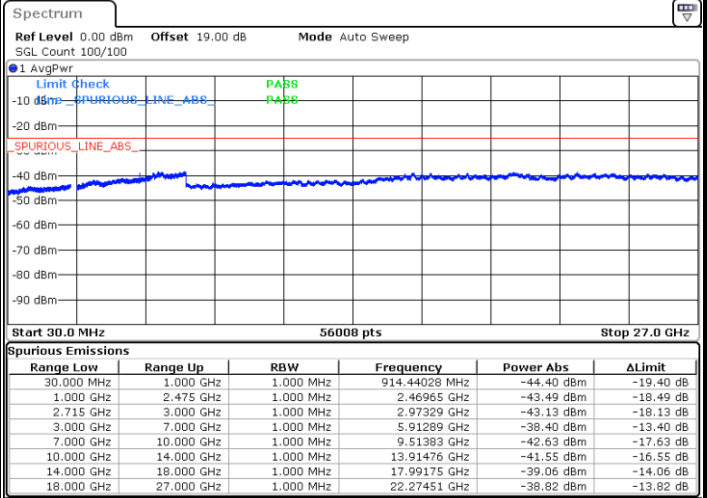
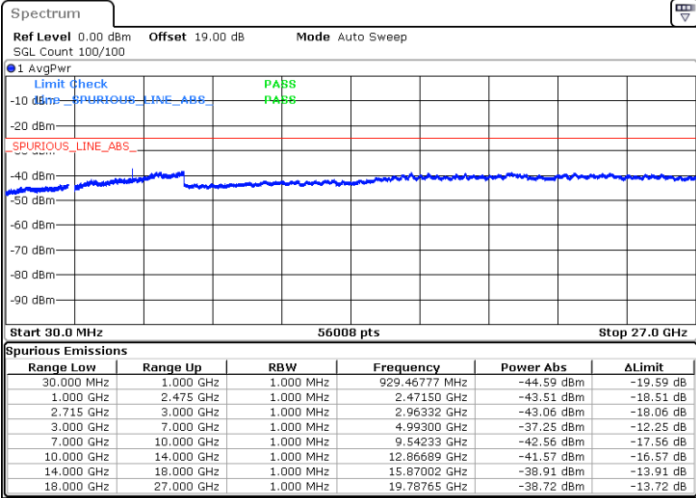


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

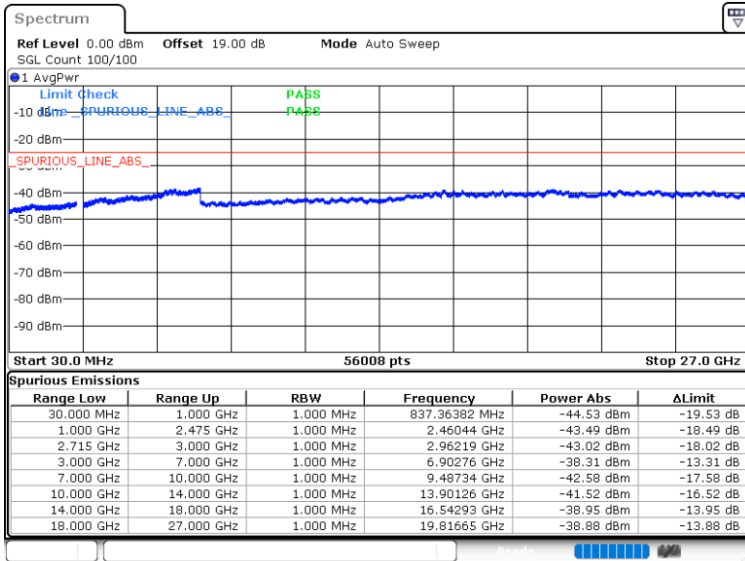
Middle Channel / QPSK



Date: 18.DEC.2023 11:18:20

Date: 18.DEC.2023 11:20:21

Highest Channel / QPSK



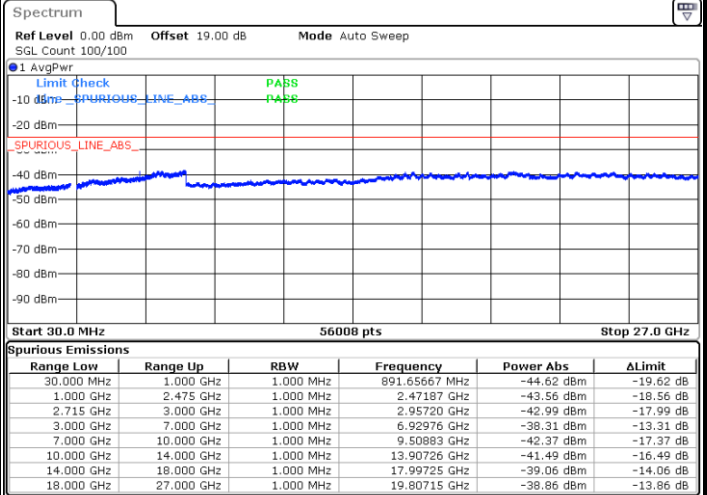
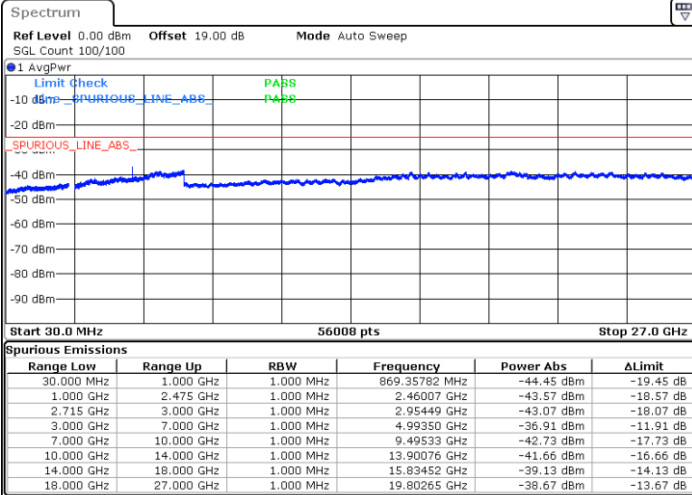
Date: 18.DEC.2023 11:17:03



LTE Band 41 / 10MHz

Lowest Channel / QPSK

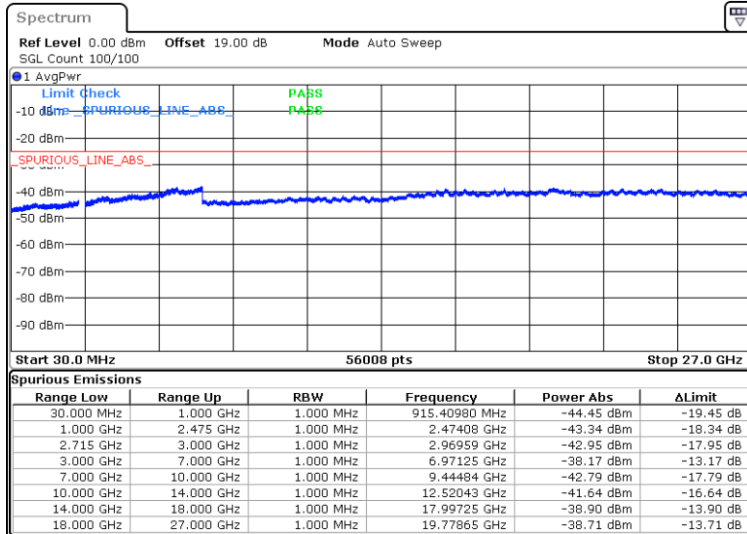
Middle Channel / QPSK



Date: 18.DEC.2023 11:50:19

Date: 18.DEC.2023 11:51:30

Highest Channel / QPSK



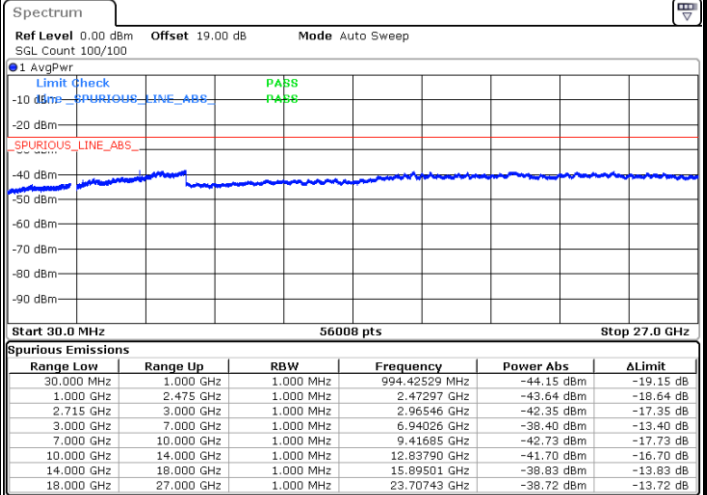
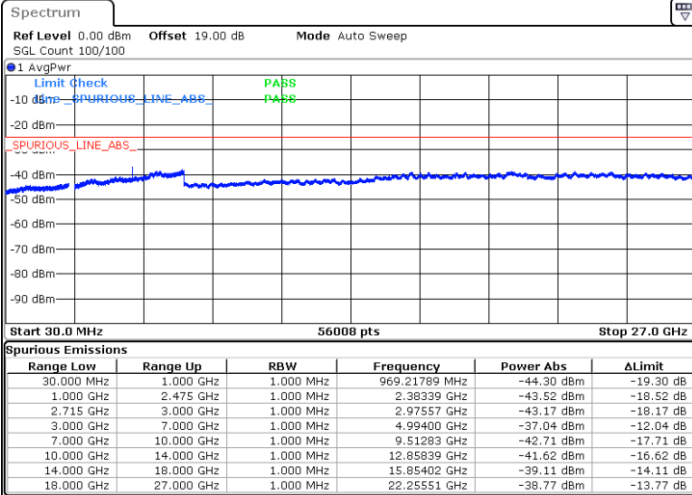
Date: 18.DEC.2023 11:59:46



LTE Band 41 / 15MHz

Lowest Channel / QPSK

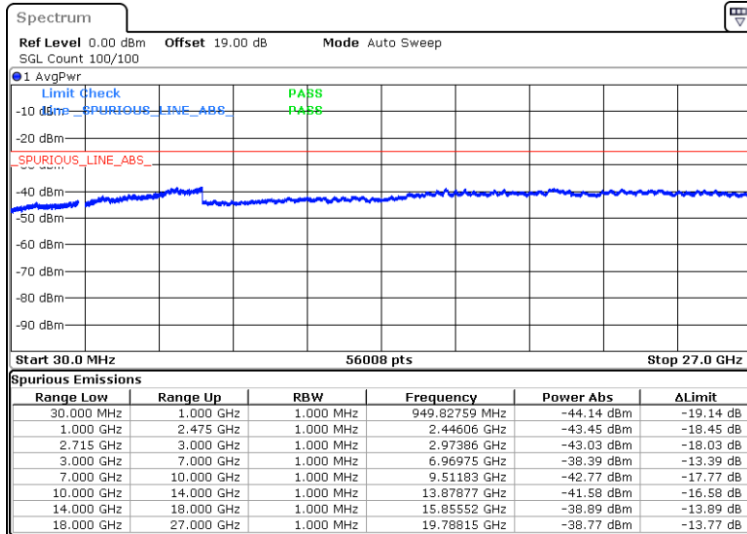
Middle Channel / QPSK



Date: 18.DEC.2023 12:09:32

Date: 18.DEC.2023 12:10:47

Highest Channel / QPSK



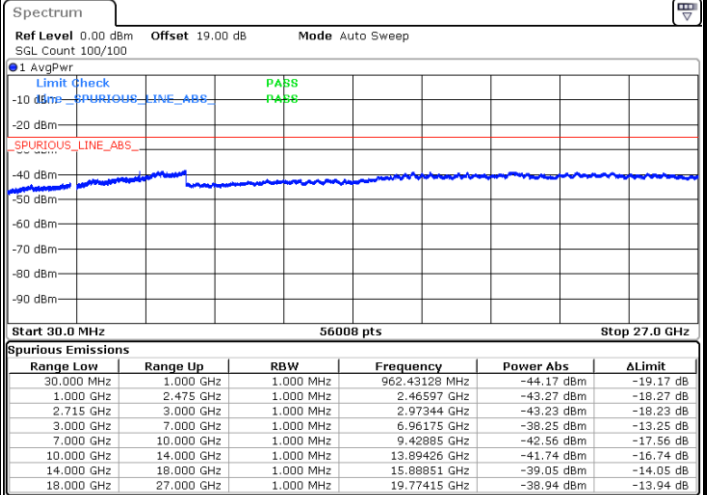
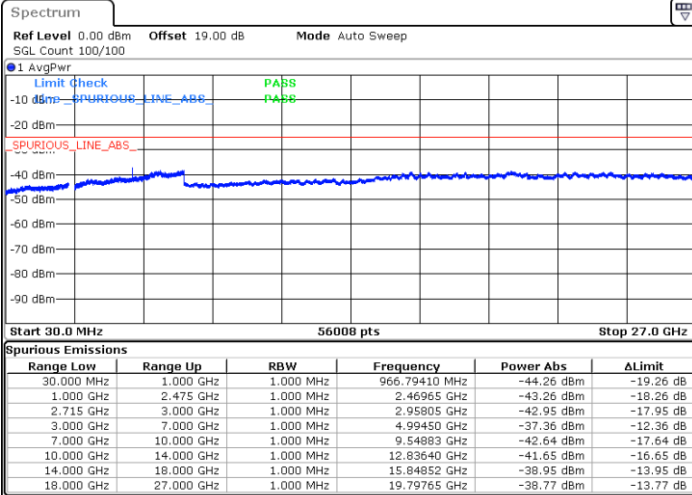
Date: 18.DEC.2023 12:19:03



LTE Band 41 / 20MHz

Lowest Channel / QPSK

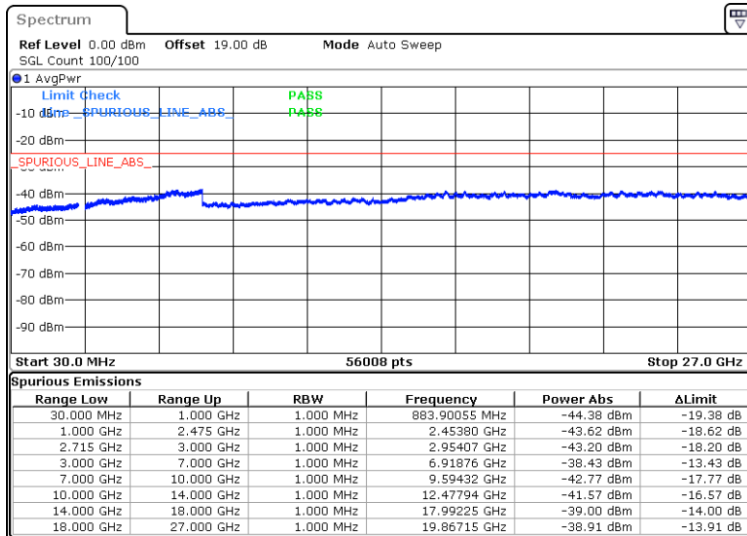
Middle Channel / QPSK



Date: 18.DEC.2023 13:13:36

Date: 18.DEC.2023 13:14:51

Highest Channel / QPSK



Date: 18.DEC.2023 13:24:31



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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

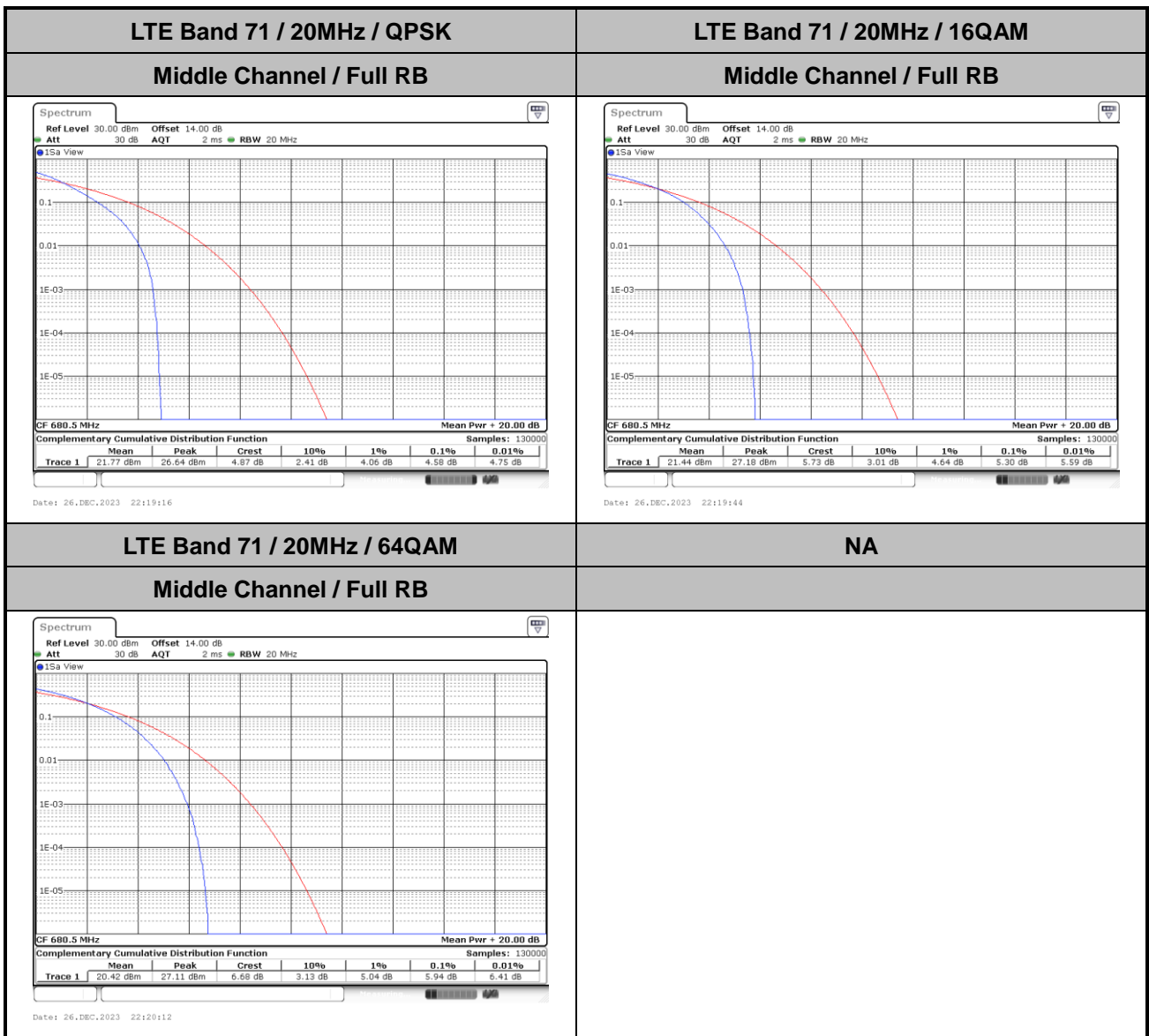
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.30	5.94	PASS





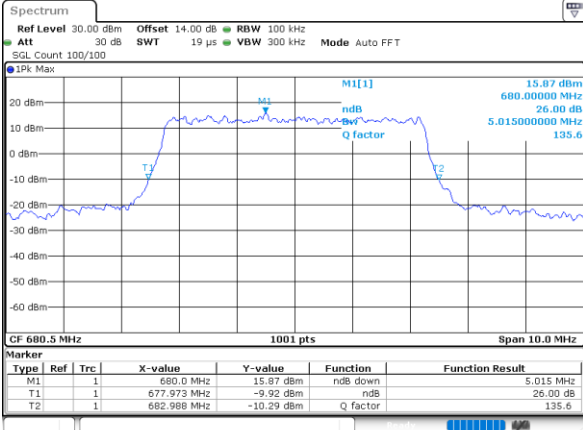
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.02	5.13	9.91	9.87	14.15	14.33	18.98	19.18



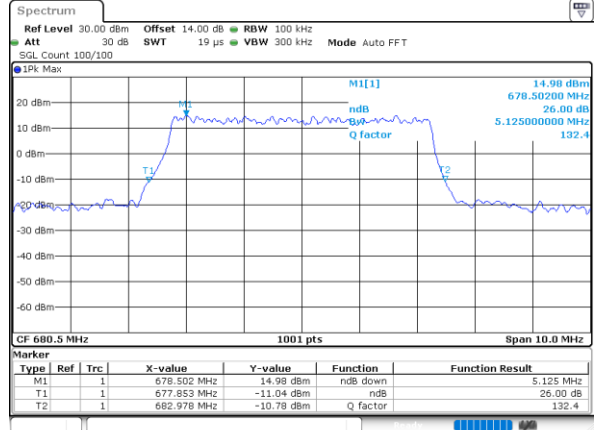
LTE Band 71

Middle Channel / 5MHz / QPSK



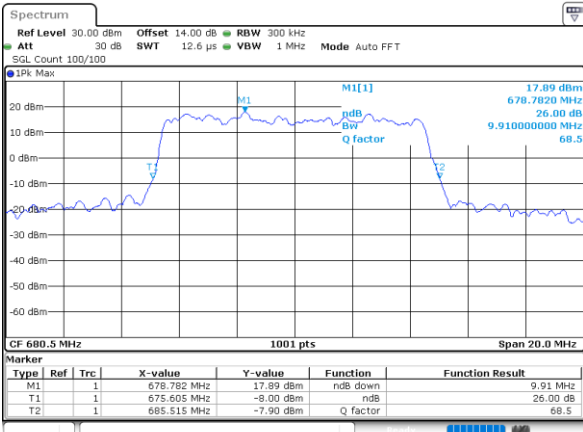
Date: 26, DEC, 2023 01:03:13

Middle Channel / 5MHz / 16QAM



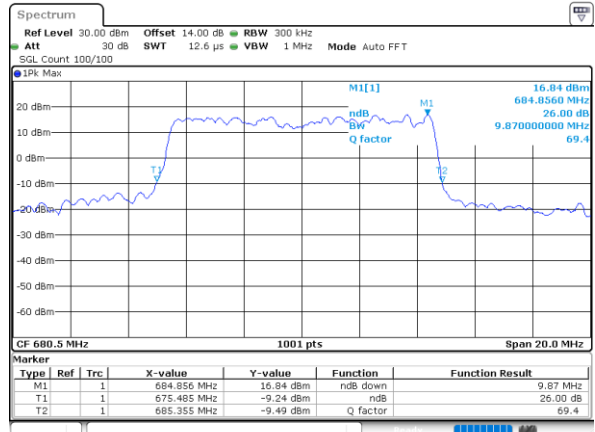
Date: 26, DEC, 2023 01:03:53

Middle Channel / 10MHz / QPSK



Date: 26, DEC, 2023 01:21:14

Middle Channel / 10MHz / 16QAM

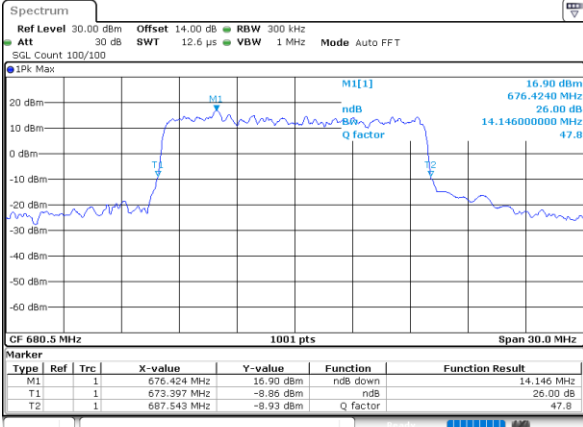


Date: 26, DEC, 2023 01:21:55



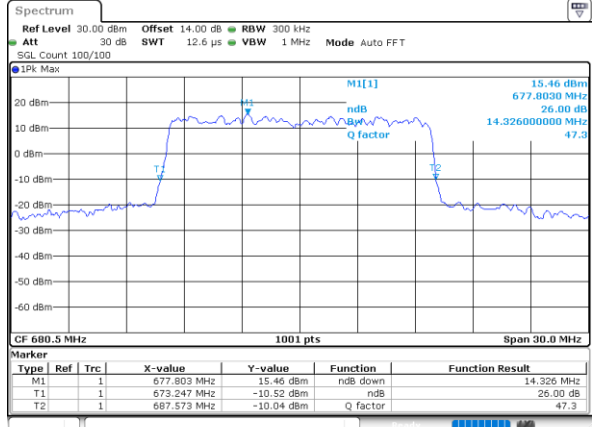
LTE Band 71

Middle Channel / 15MHz / QPSK



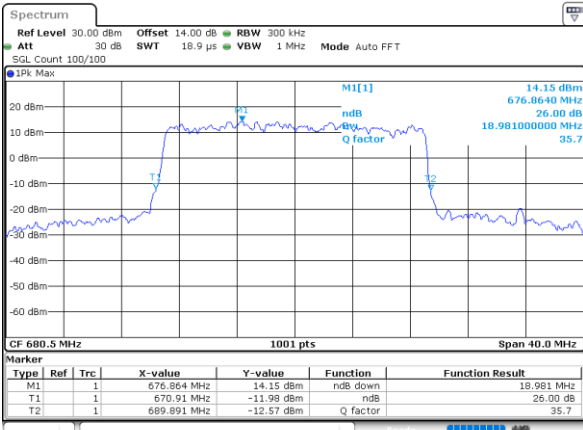
Date: 26, DEC, 2023 21:59:16

Middle Channel / 15MHz / 16QAM



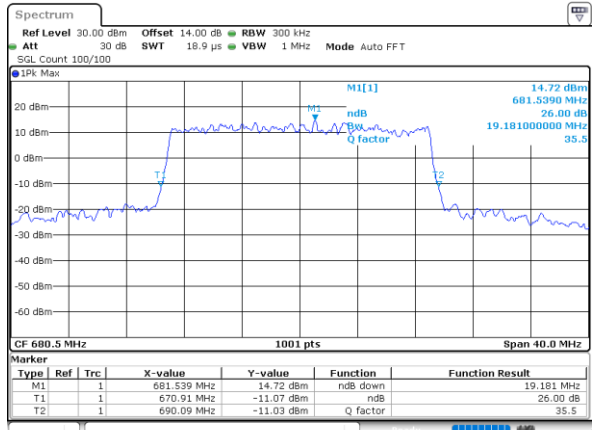
Date: 26, DEC, 2023 21:59:57

Middle Channel / 20MHz / QPSK



Date: 26, DEC, 2023 22:18:08

Middle Channel / 20MHz / 16QAM



Date: 26, DEC, 2023 22:18:48



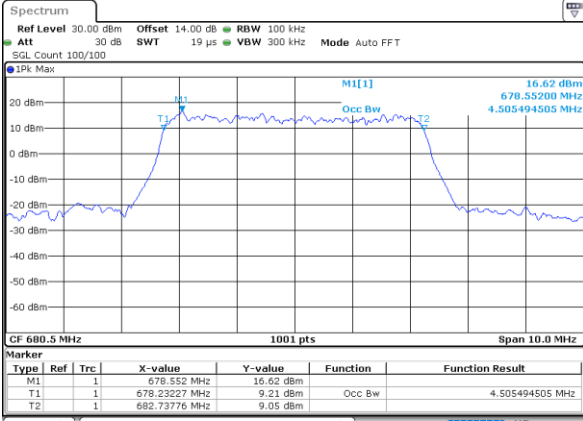
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.51	4.50	9.09	9.03	13.55	13.40	17.90	17.90



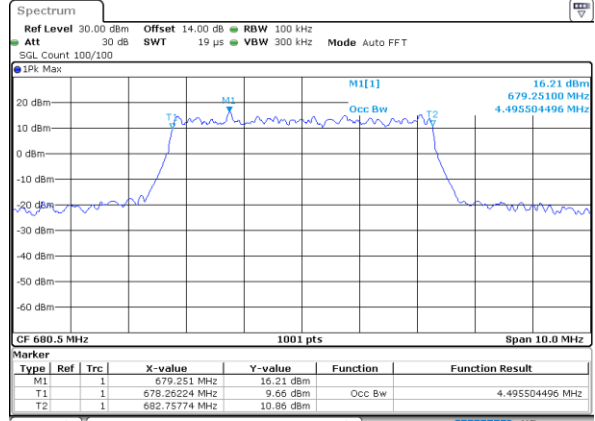
LTE Band 71

Middle Channel / 5MHz / QPSK



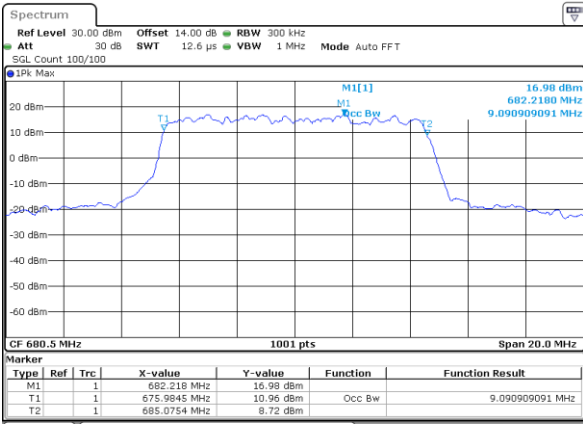
Date: 26, DEC, 2023 01:02:59

Middle Channel / 5MHz / 16QAM



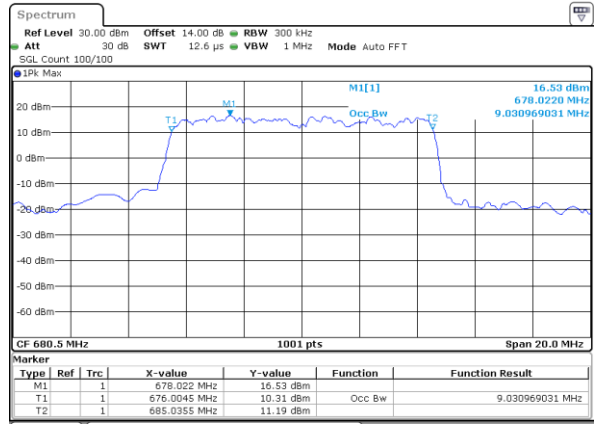
Date: 26, DEC, 2023 01:10:39

Middle Channel / 10MHz / QPSK



Date: 26, DEC, 2023 01:21:00

Middle Channel / 10MHz / 16QAM

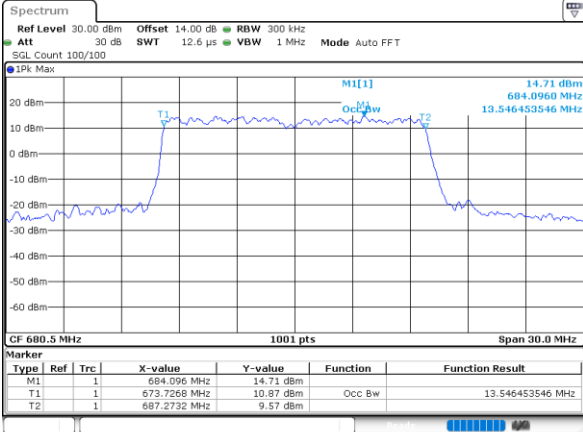


Date: 26, DEC, 2023 01:21:41



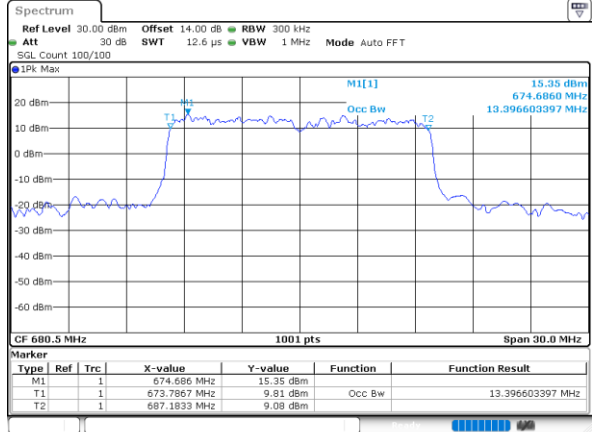
LTE Band 71

Middle Channel / 15MHz / QPSK



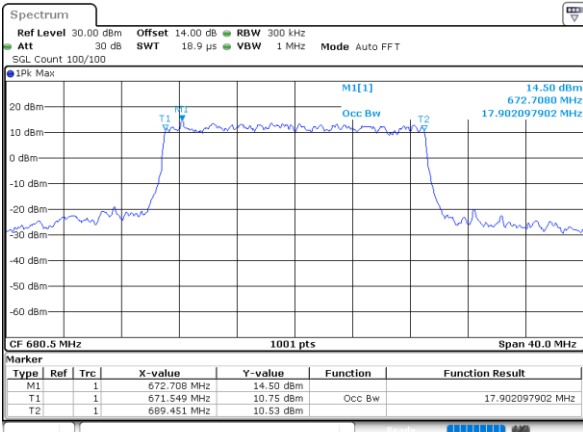
Date: 26, DEC, 2023 21:59:02

Middle Channel / 15MHz / 16QAM



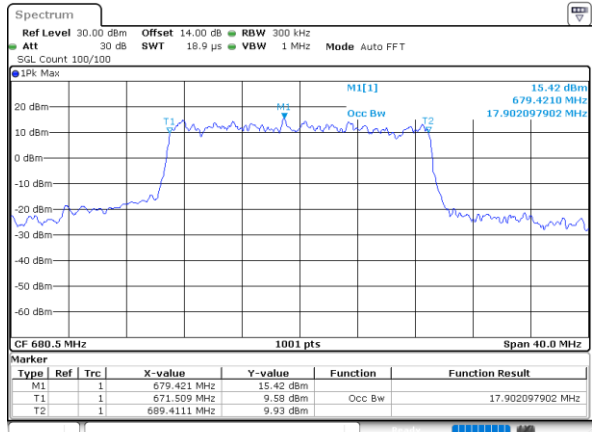
Date: 26, DEC, 2023 21:59:43

Middle Channel / 20MHz / QPSK



Date: 26, DEC, 2023 22:17:54

Middle Channel / 20MHz / 16QAM



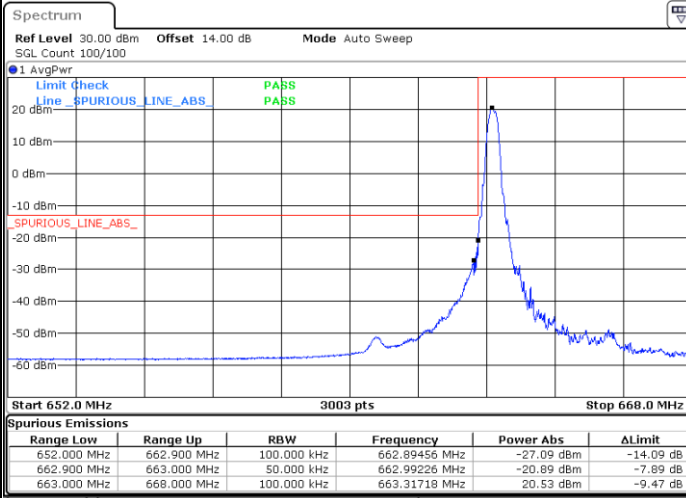
Date: 26, DEC, 2023 22:18:34



Conducted Band Edge

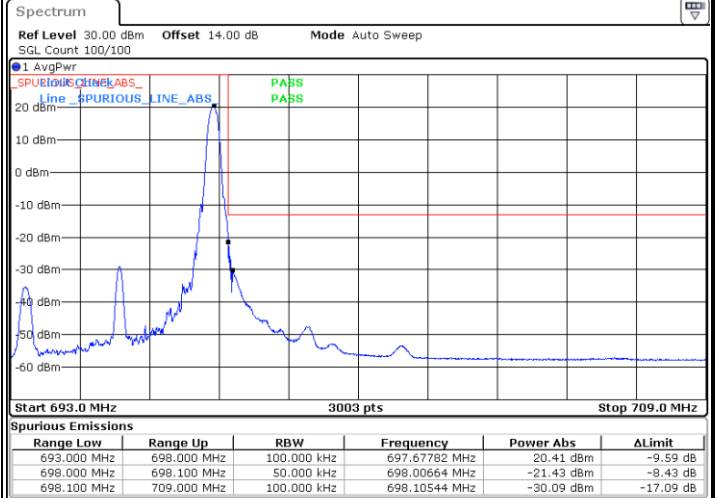
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



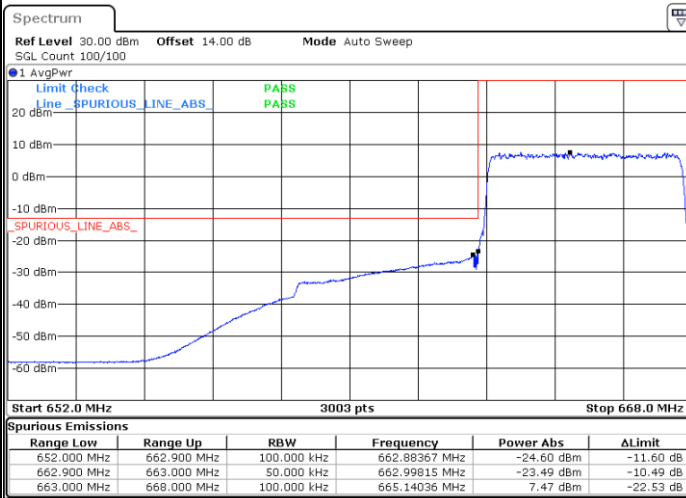
Date: 26.DEC.2023 00:55:01

Highest Band Edge / 1 RB



Date: 26.DEC.2023 01:04:54

Lowest Band Edge / Full RB



Date: 26.DEC.2023 00:58:07

Highest Band Edge / Full RB

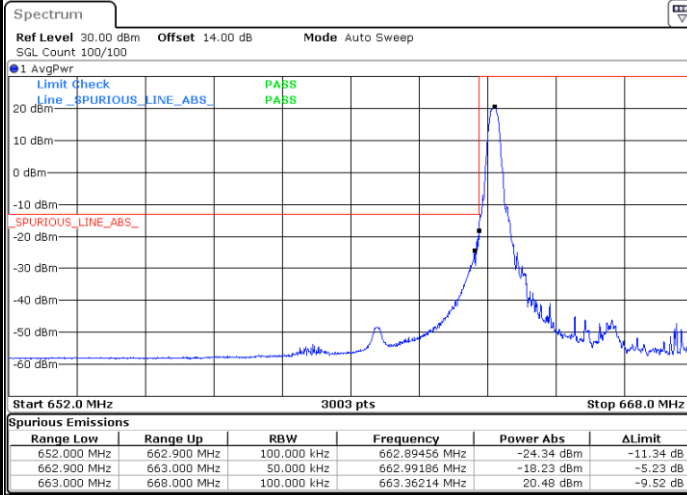


Date: 26.DEC.2023 01:07:59



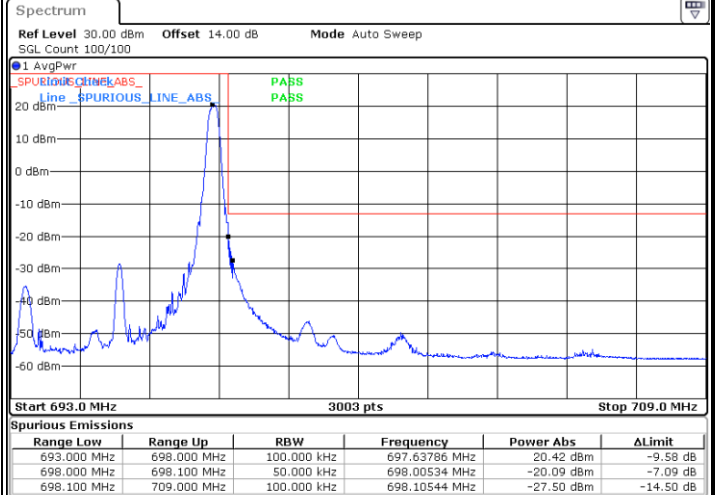
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



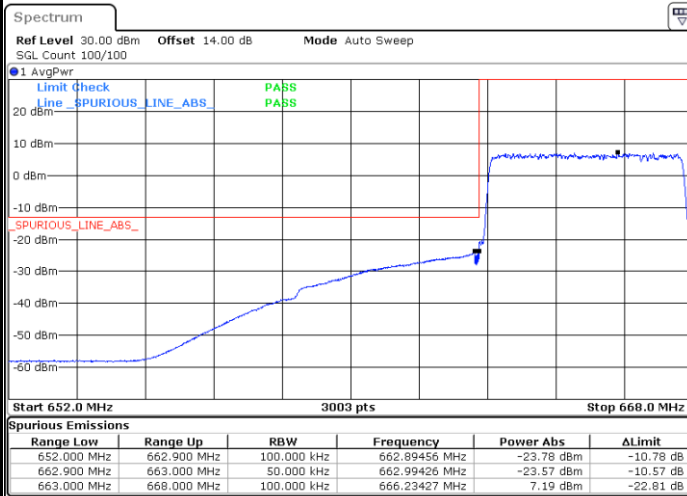
Date: 26.DEC.2023 00:56:03

Highest Band Edge / 1 RB



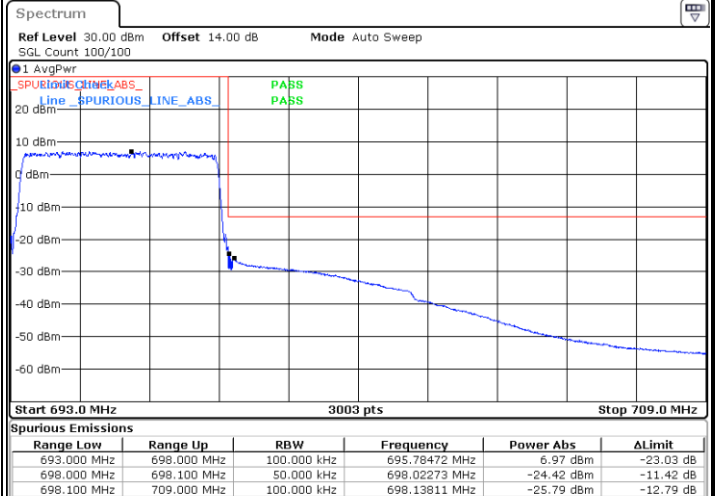
Date: 26.DEC.2023 01:05:55

Lowest Band Edge / Full RB



Date: 26.DEC.2023 00:59:08

Highest Band Edge / Full RB

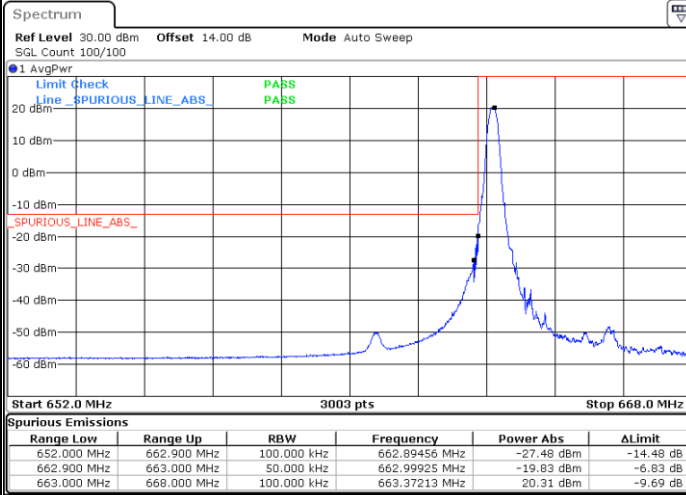


Date: 26.DEC.2023 01:09:00



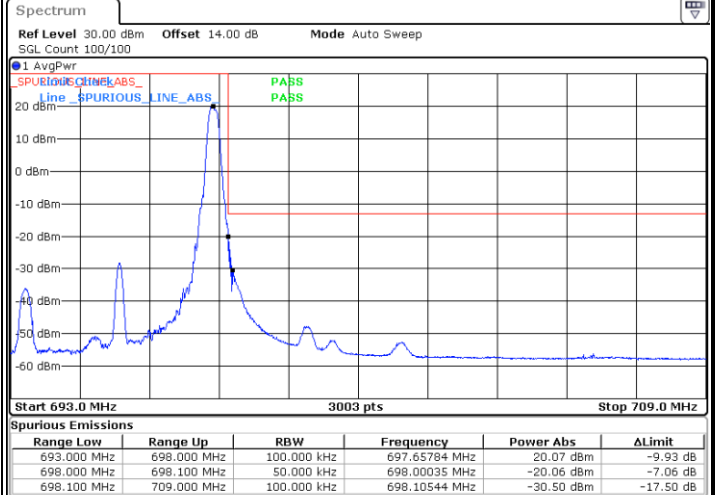
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



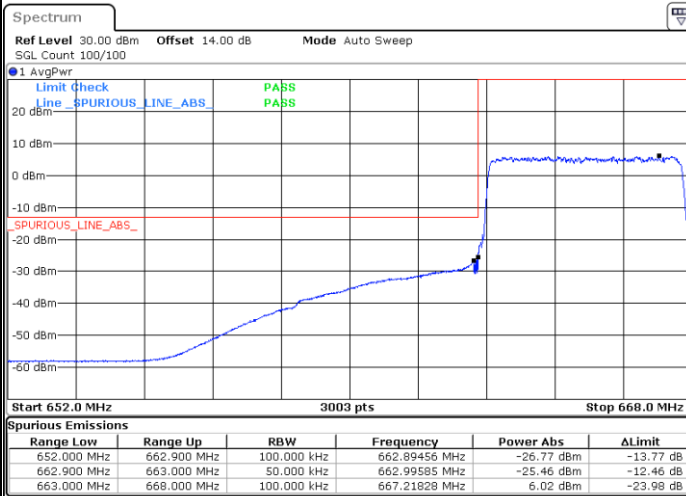
Date: 26.DEC.2023 00:57:05

Highest Band Edge / 1 RB



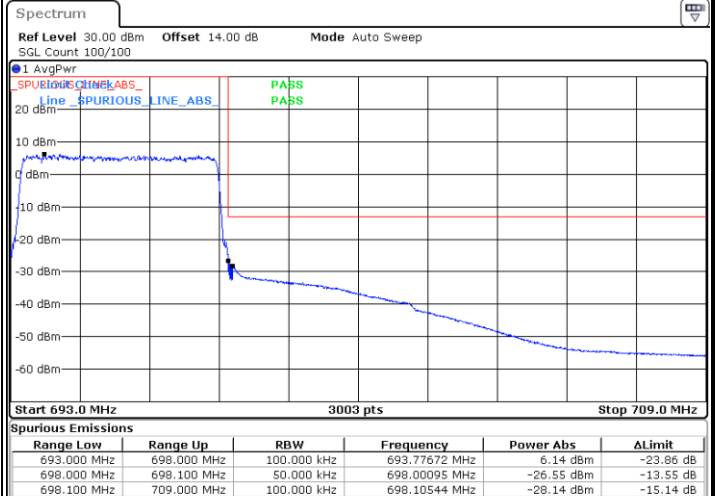
Date: 26.DEC.2023 01:06:57

Lowest Band Edge / Full RB



Date: 26.DEC.2023 01:00:10

Highest Band Edge / Full RB



Date: 26.DEC.2023 01:10:02