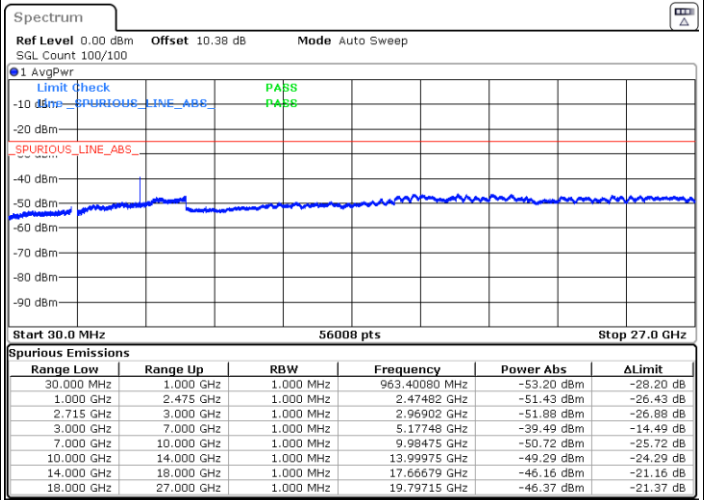
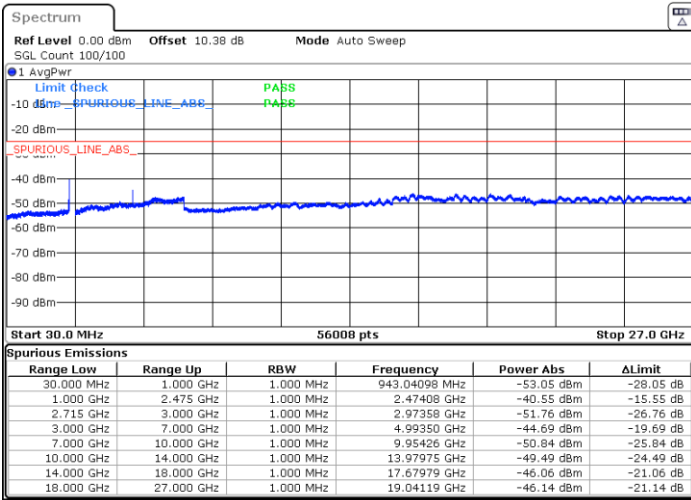




LTE Band 41 / 10MHz

Lowest Channel / QPSK

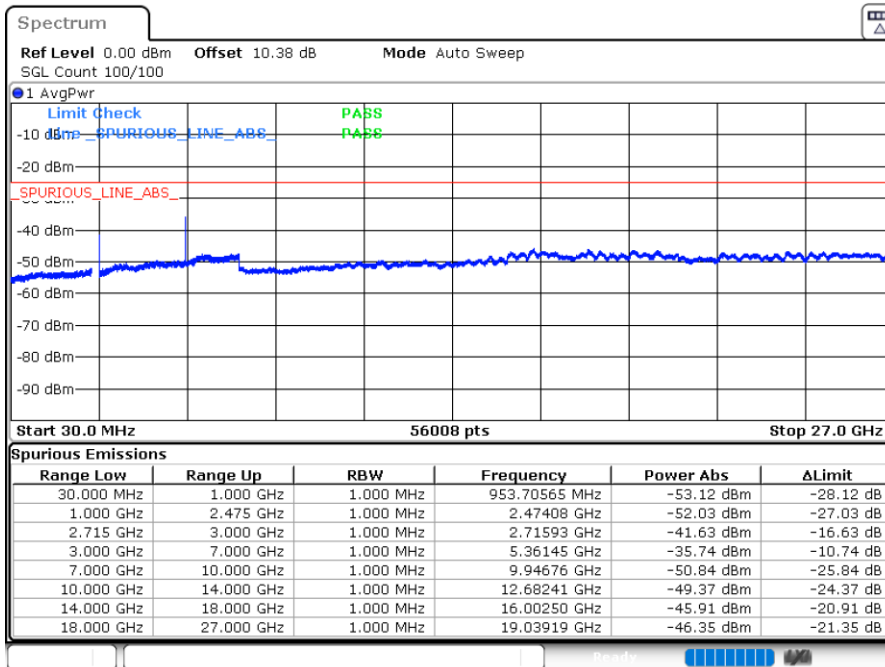
Middle Channel / QPSK



Date: 12.OCT.2023 17:12:56

Date: 12.OCT.2023 17:14:37

Highest Channel / QPSK



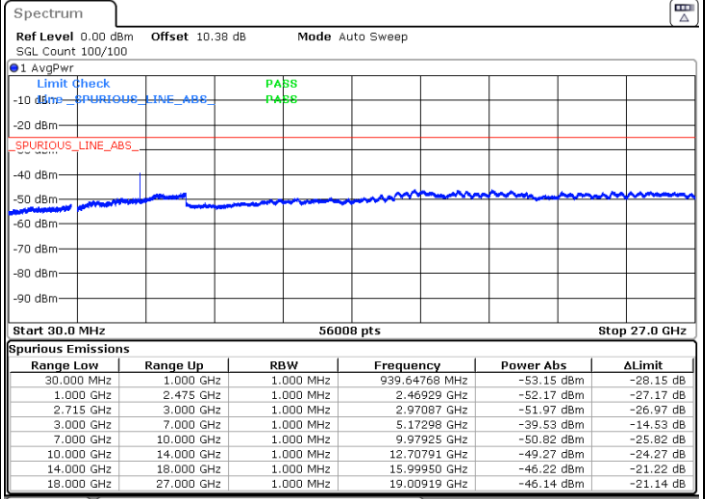
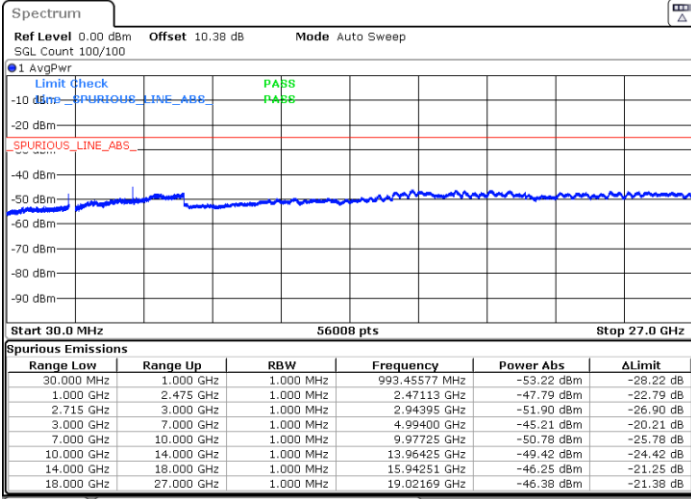
Date: 12.OCT.2023 17:16:17



LTE Band 41 / 15MHz

Lowest Channel / QPSK

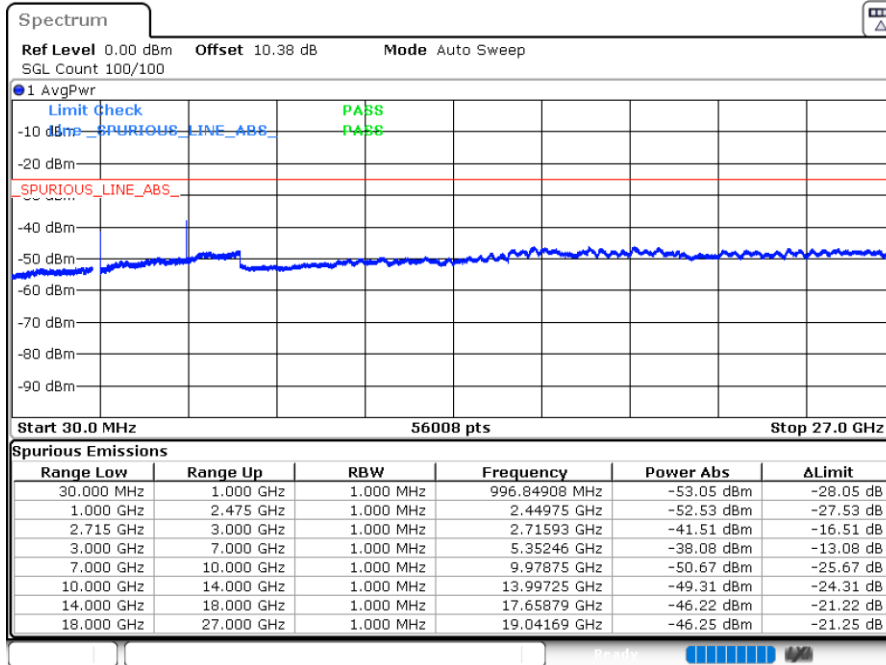
Middle Channel / QPSK



Date: 12.OCT.2023 18:00:25

Date: 12.OCT.2023 18:02:05

Highest Channel / QPSK



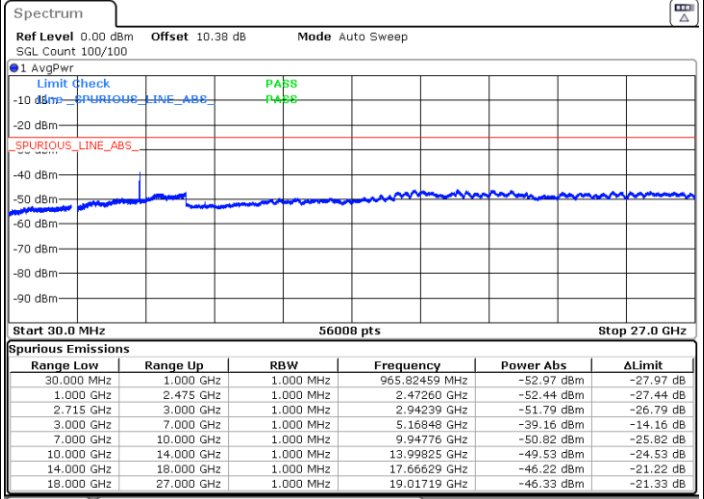
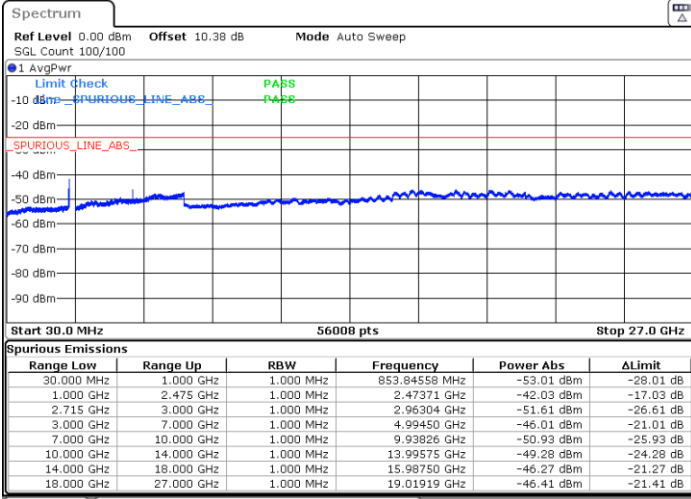
Date: 12.OCT.2023 18:03:45



LTE Band 41 / 20MHz

Lowest Channel / QPSK

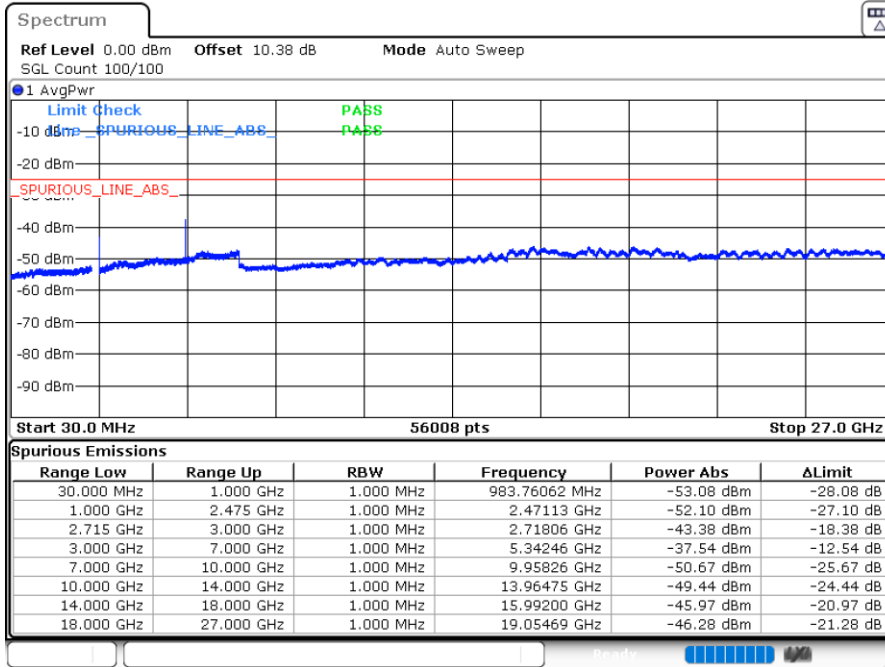
Middle Channel / QPSK



Date: 12.OCT.2023 18:39:39

Date: 12.OCT.2023 18:41:19

Highest Channel / QPSK



Date: 12.OCT.2023 18:42:59



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	0.0025	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

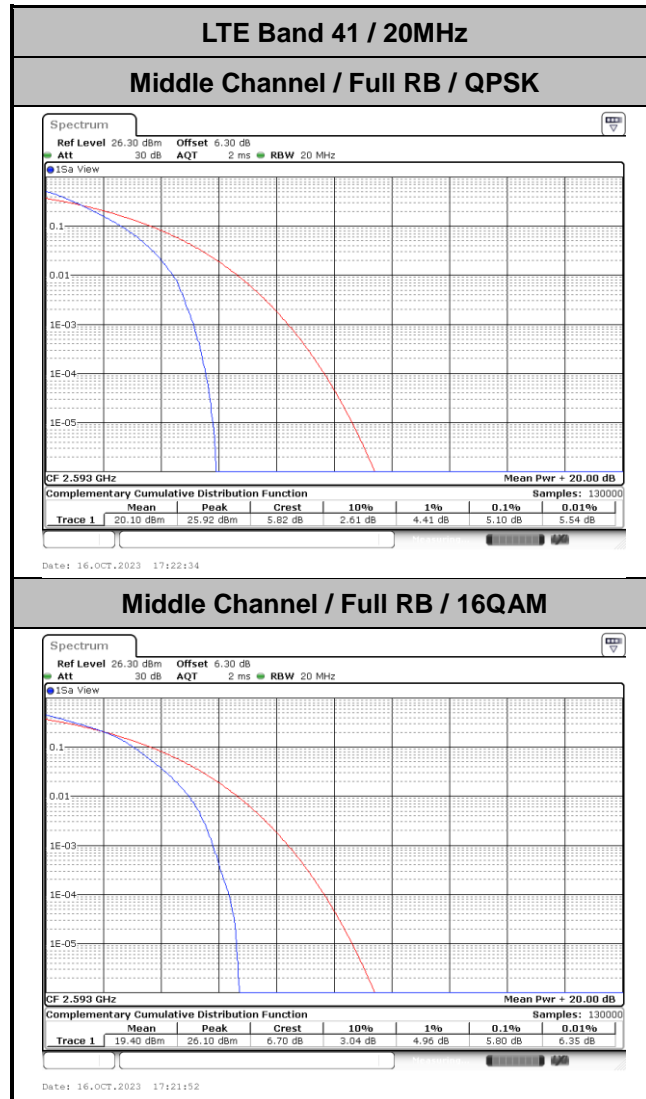
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

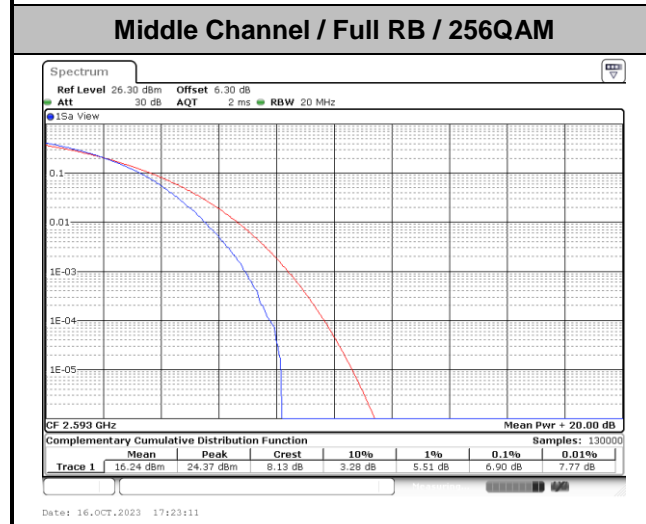
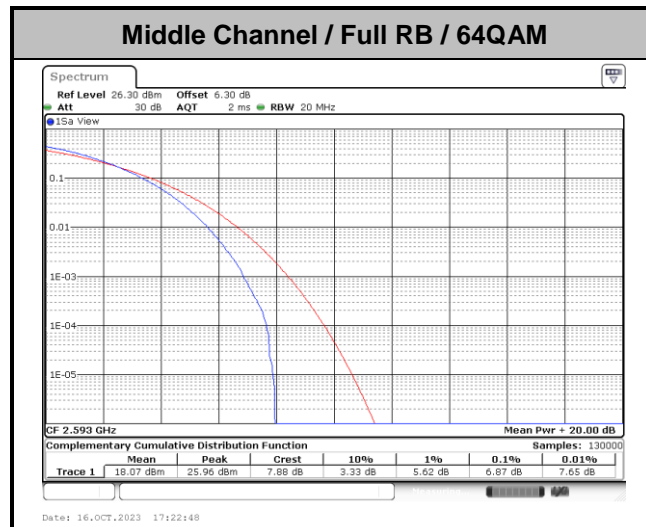


LTE Band 41 for other PA

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	5.80	6.87	6.90	PASS

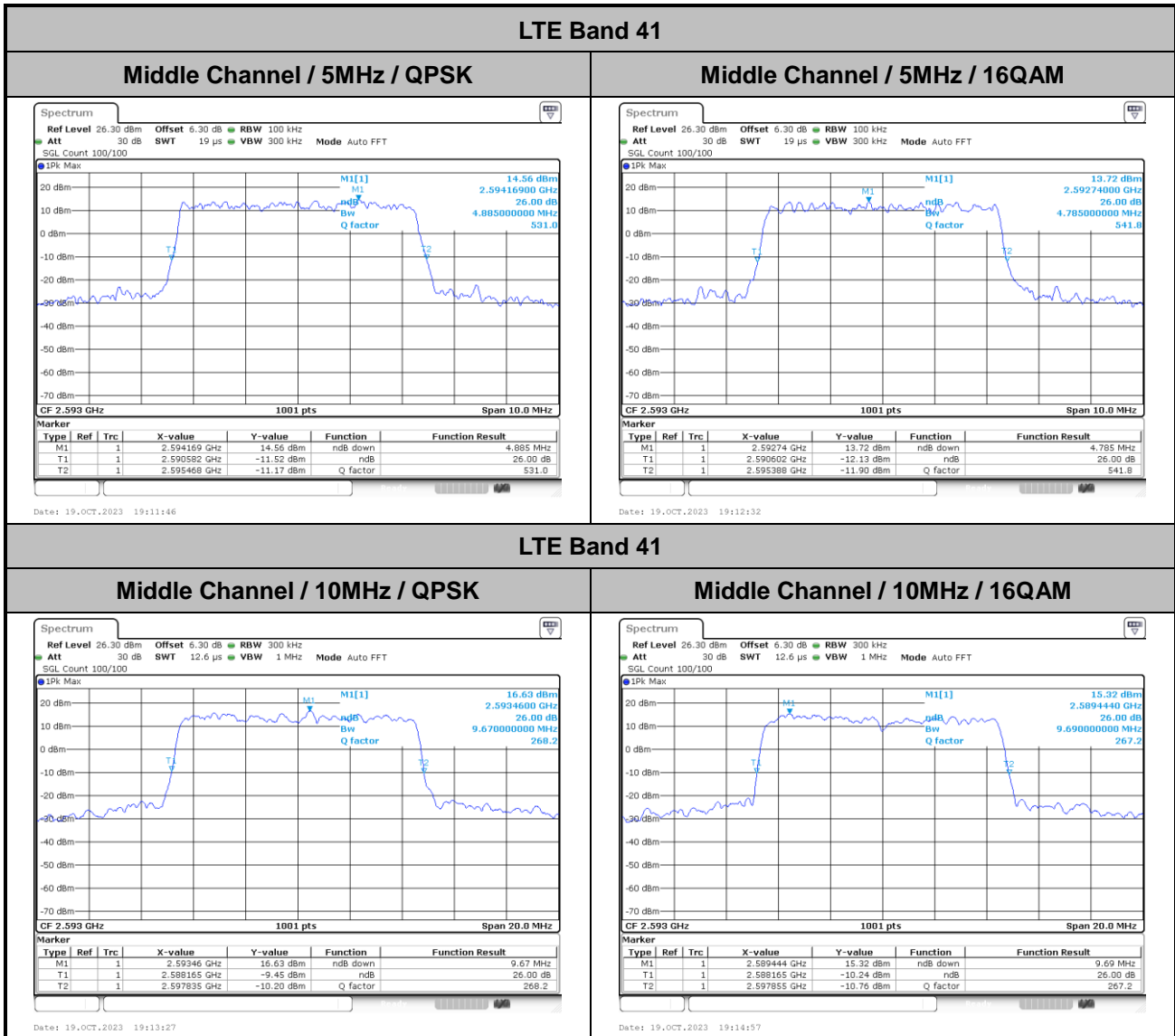






26dB Bandwidth

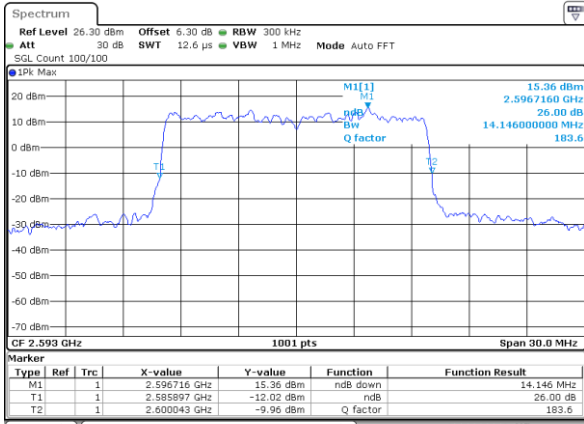
Mode	LTE Band 41 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.89	4.79	9.67	9.69	14.15	14.57	18.90	18.74





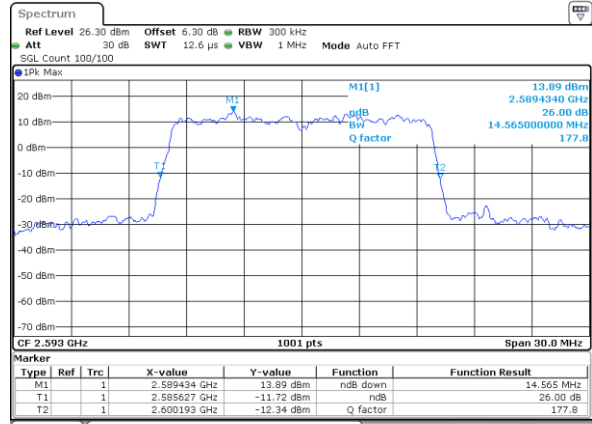
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 19.OCT.2023 19:16:05

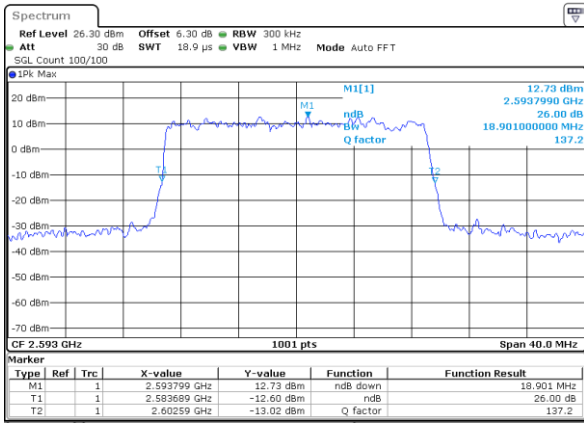
Middle Channel / 15MHz / 16QAM



Date: 19.OCT.2023 19:17:37

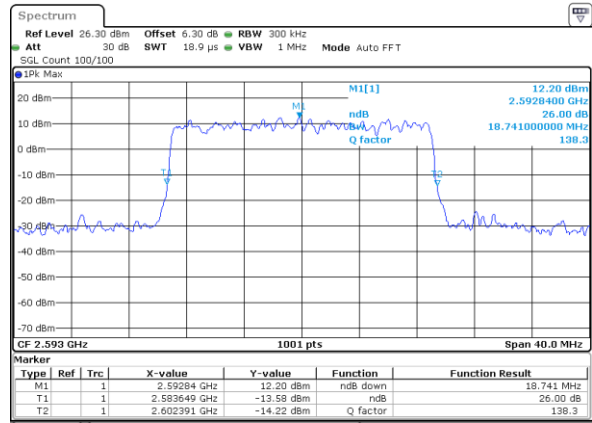
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 16.OCT.2023 17:20:46

Middle Channel / 20MHz / 16QAM

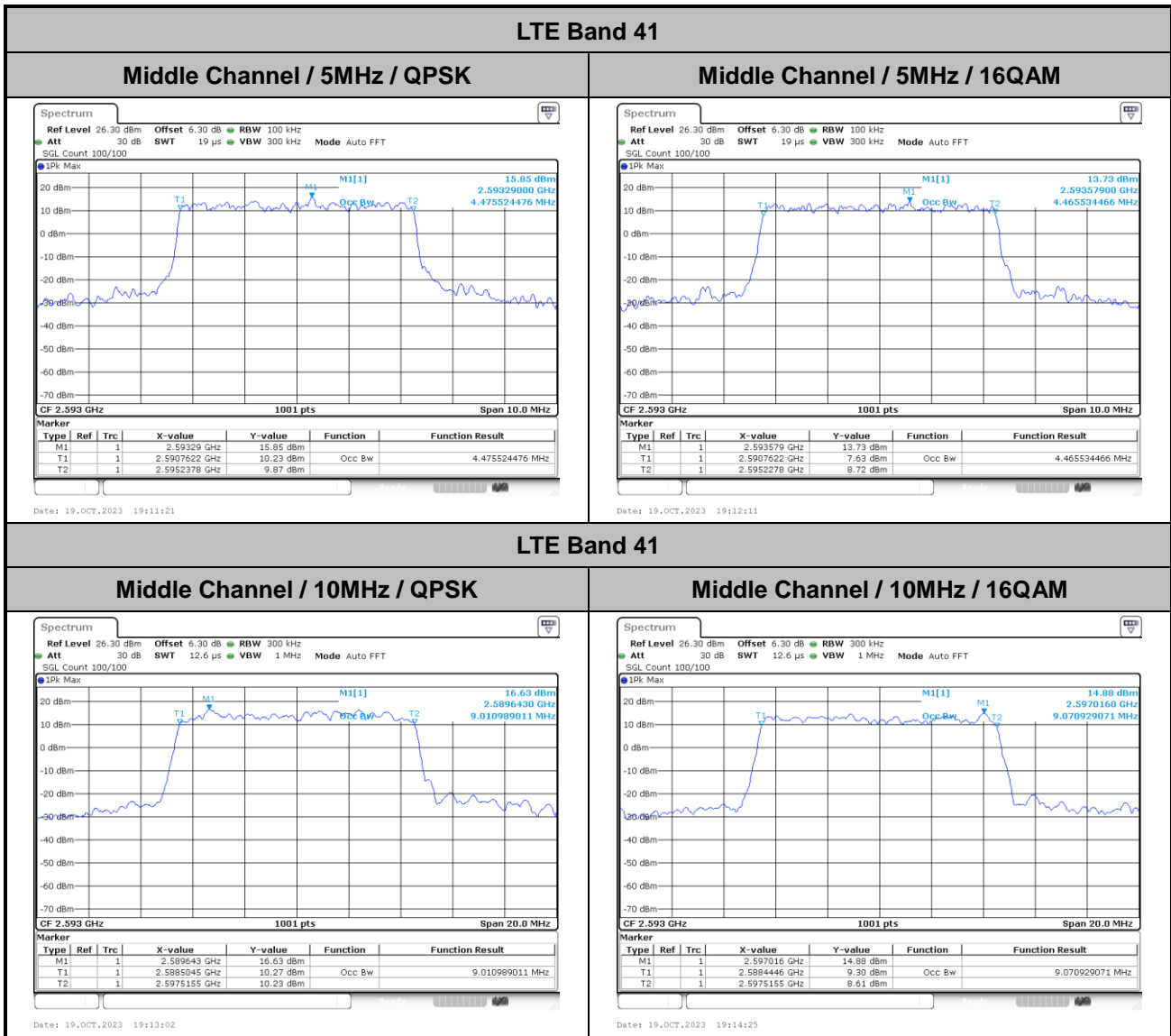


Date: 16.OCT.2023 17:22:14



Occupied Bandwidth

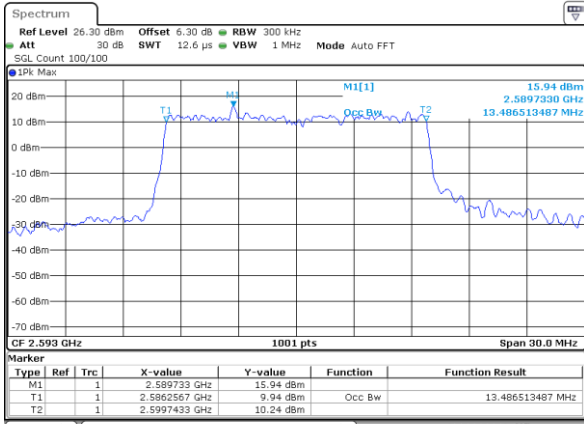
Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.48	4.47	9.01	9.07	13.49	13.40	17.90	17.90





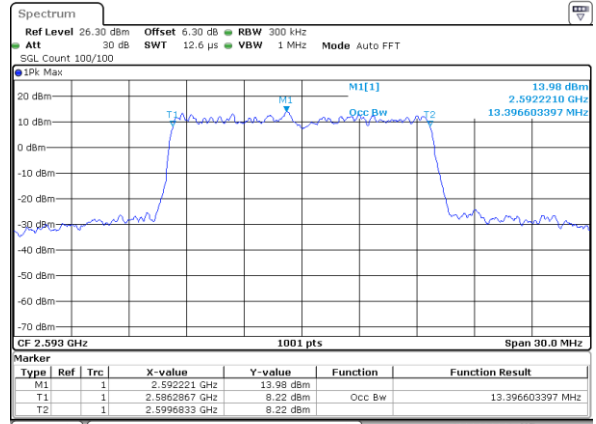
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 19.OCT.2023 19:15:36

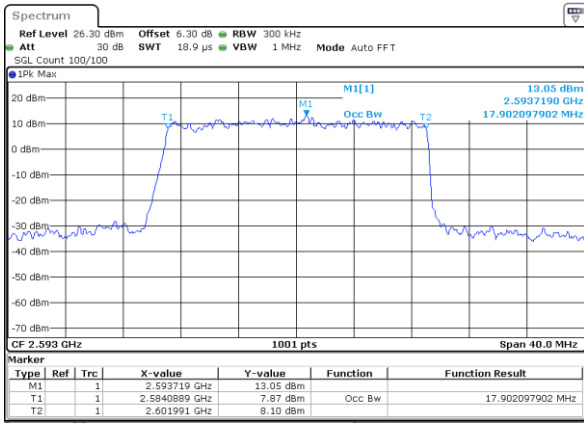
Middle Channel / 15MHz / 16QAM



Date: 19.OCT.2023 19:16:59

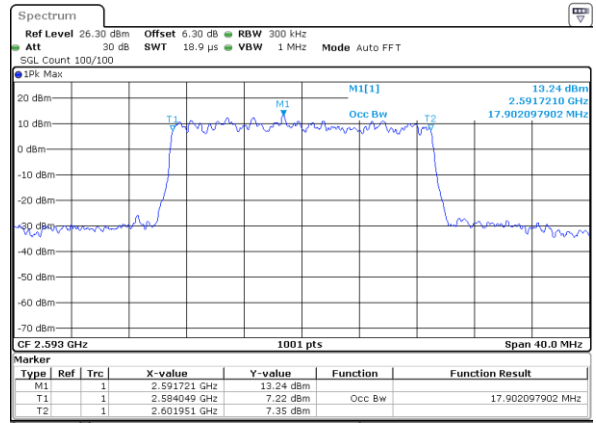
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 16.OCT.2023 17:20:58

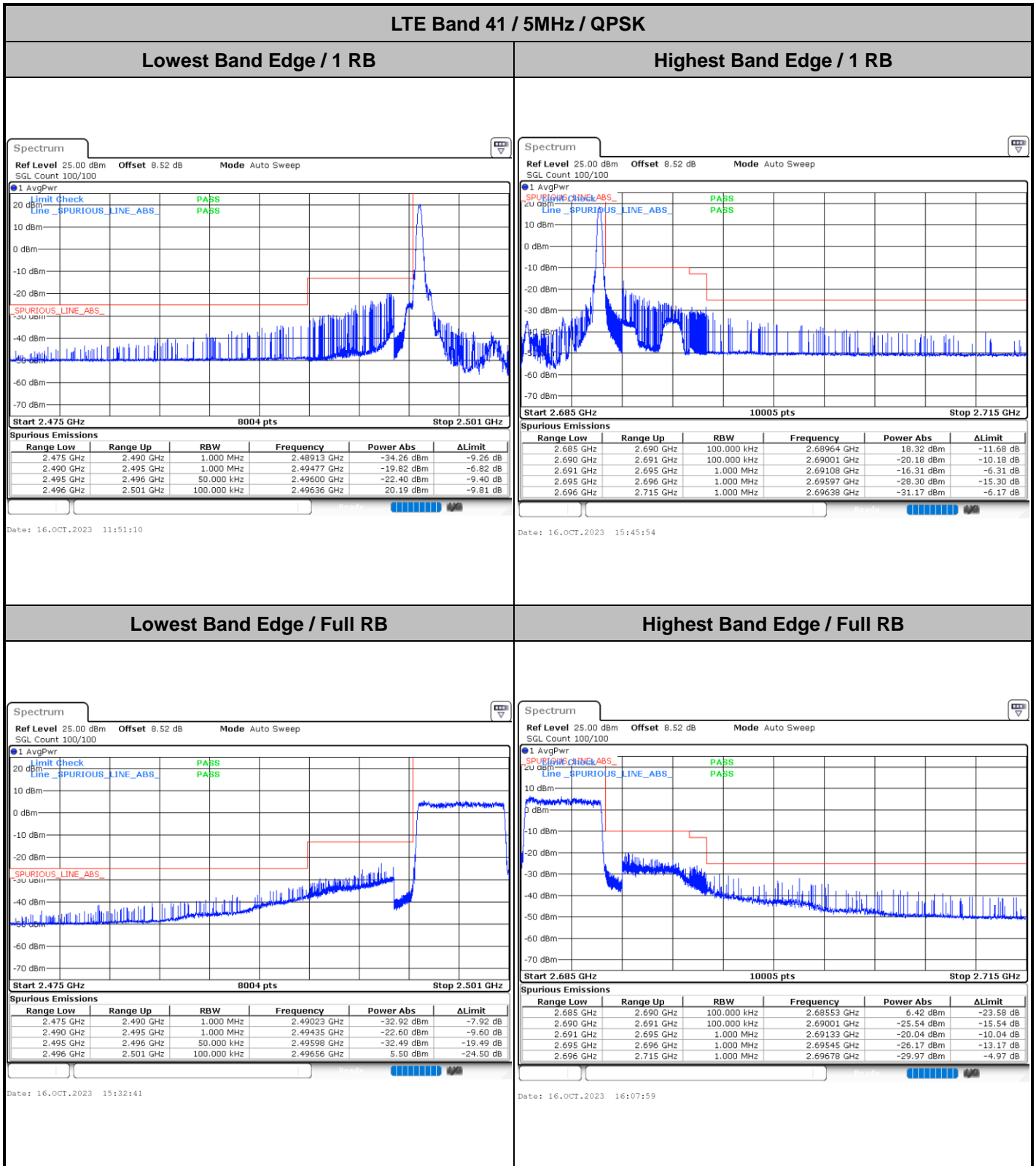
Middle Channel / 20MHz / 16QAM



Date: 16.OCT.2023 17:22:04



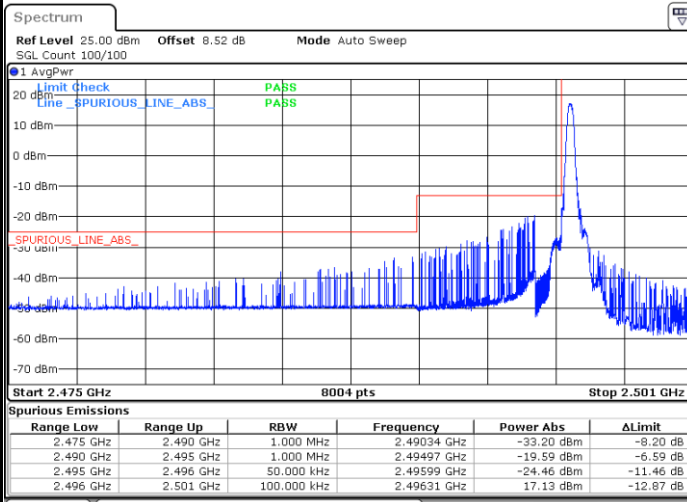
Conducted Band Edge





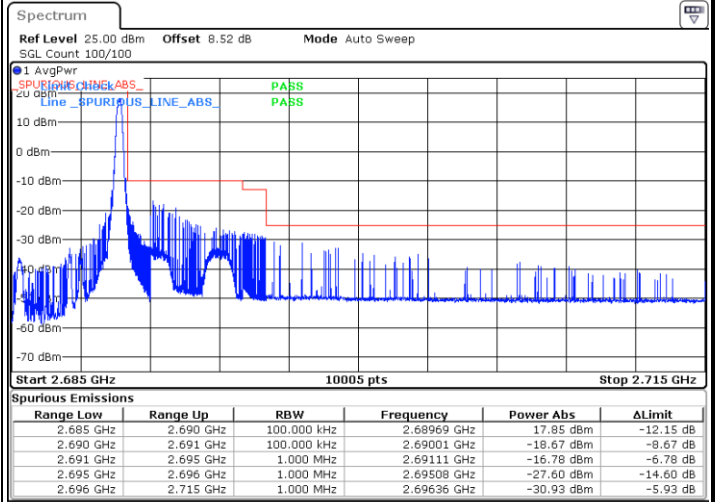
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



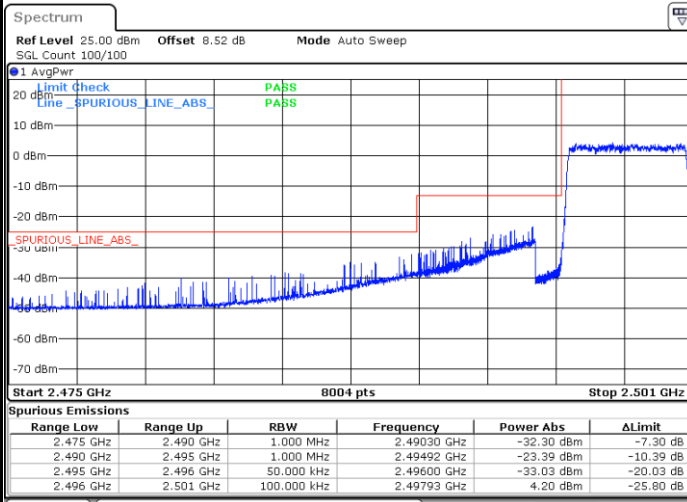
Date: 16.OCT.2023 12:59:43

Highest Band Edge / 1 RB



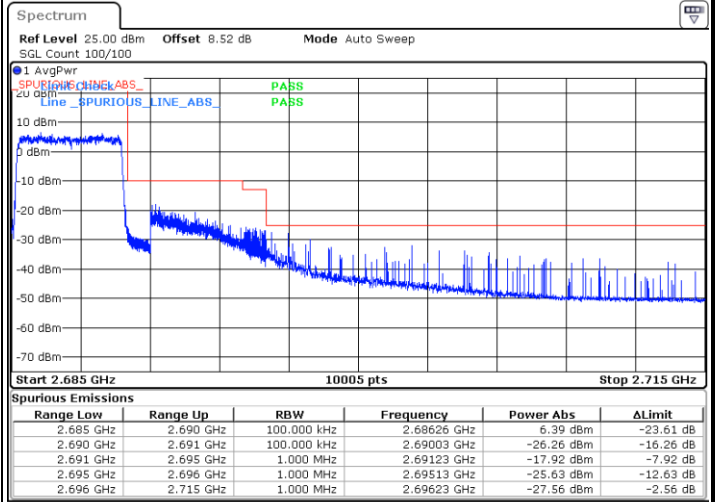
Date: 16.OCT.2023 16:05:06

Lowest Band Edge / Full RB



Date: 16.OCT.2023 15:32:09

Highest Band Edge / Full RB

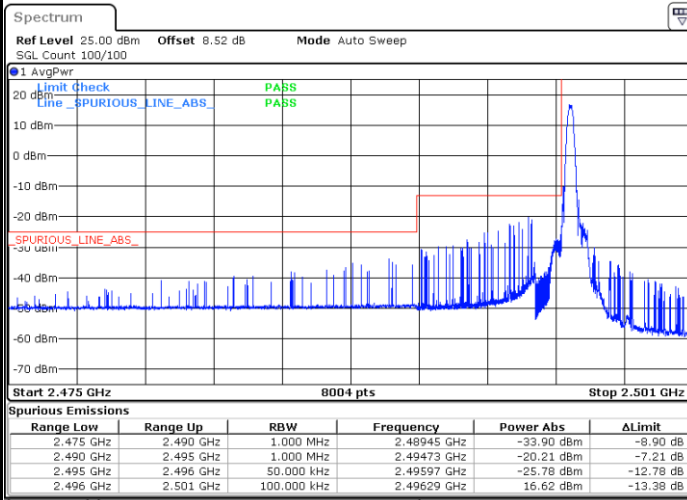


Date: 16.OCT.2023 16:07:40



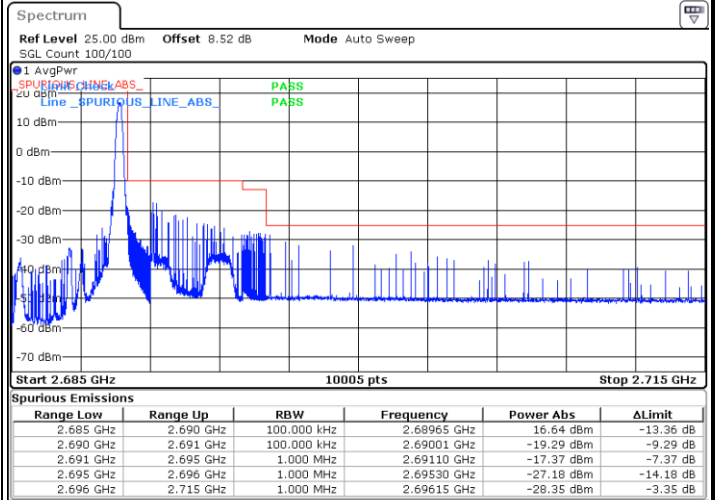
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



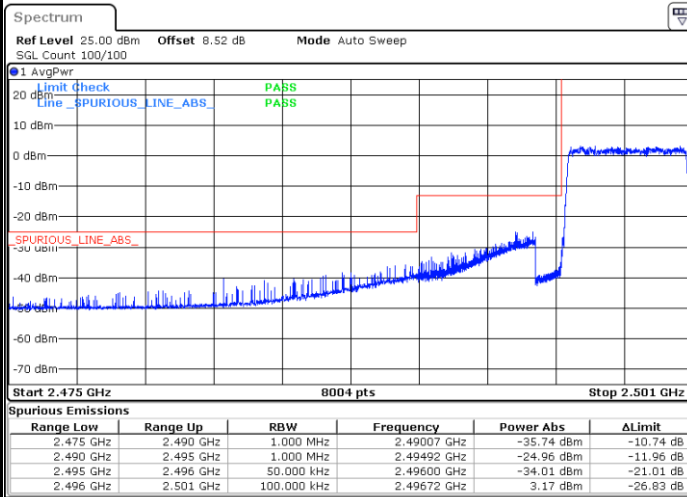
Date: 16.OCT.2023 13:03:02

Highest Band Edge / 1 RB



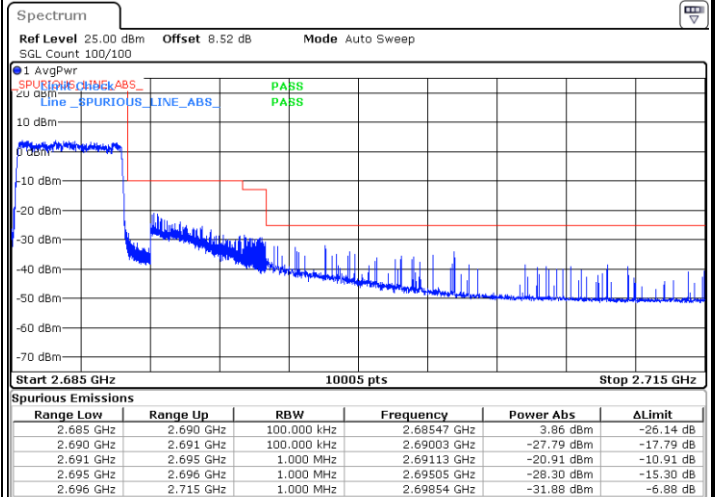
Date: 16.OCT.2023 16:05:30

Lowest Band Edge / Full RB



Date: 16.OCT.2023 13:33:48

Highest Band Edge / Full RB

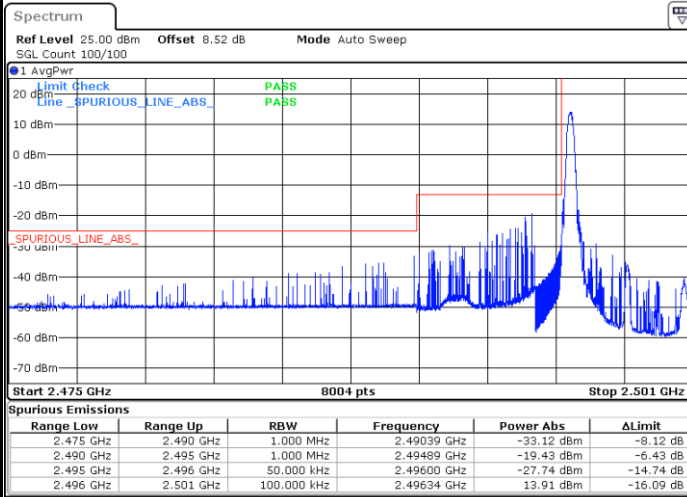


Date: 16.OCT.2023 16:07:16



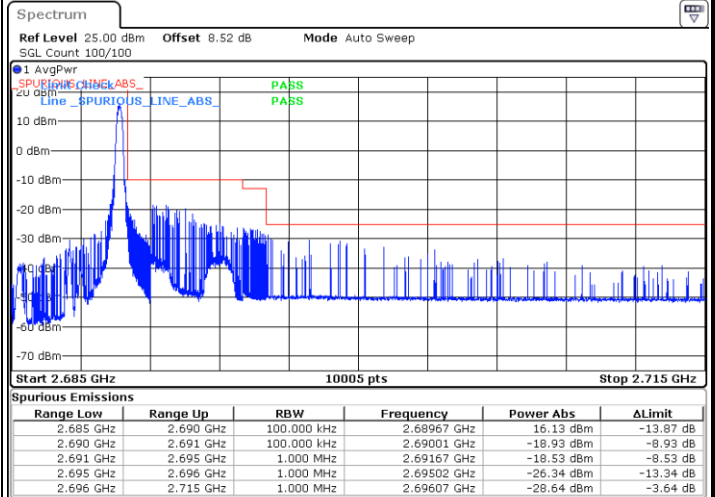
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



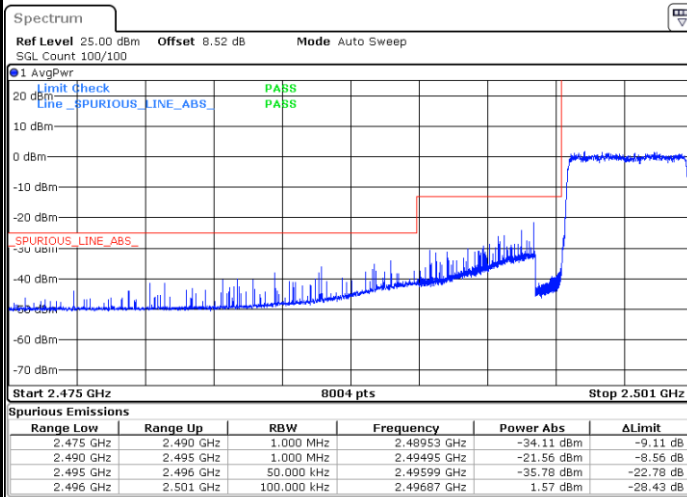
Date: 16.OCT.2023 13:04:49

Highest Band Edge / 1 RB



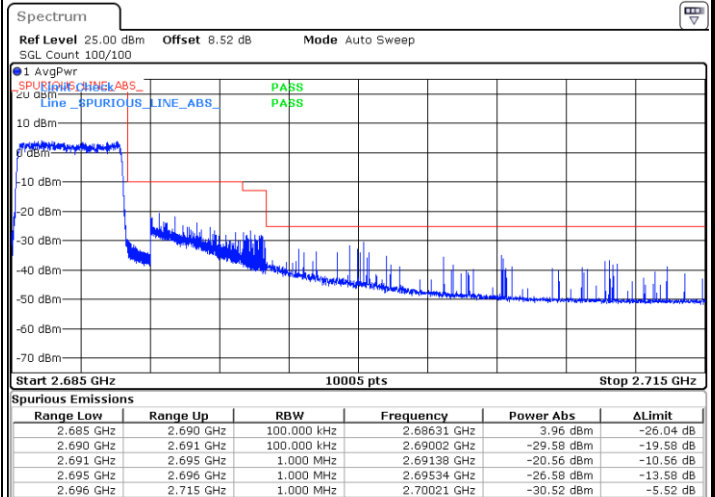
Date: 16.OCT.2023 16:06:37

Lowest Band Edge / Full RB



Date: 16.OCT.2023 13:07:35

Highest Band Edge / Full RB

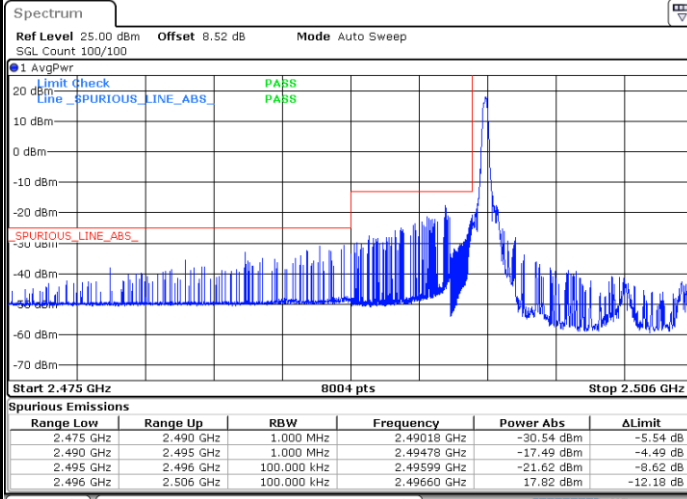


Date: 16.OCT.2023 16:06:56



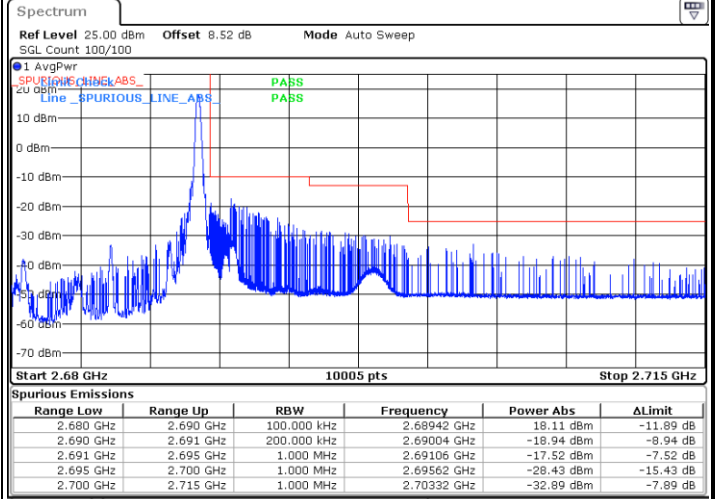
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



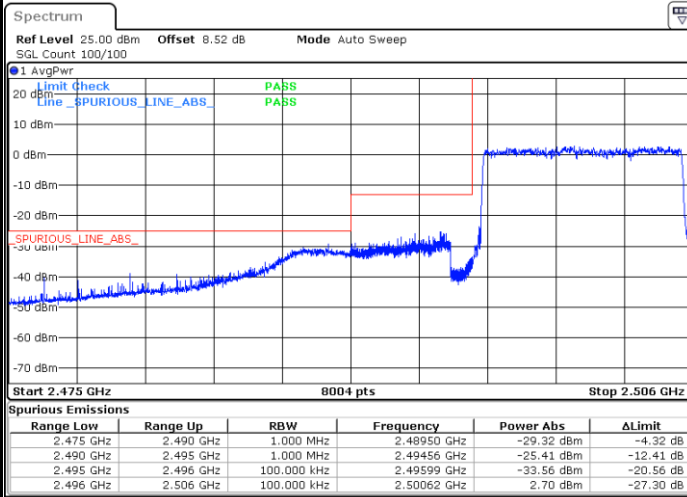
Date: 16.OCT.2023 16:10:42

Highest Band Edge / 1 RB



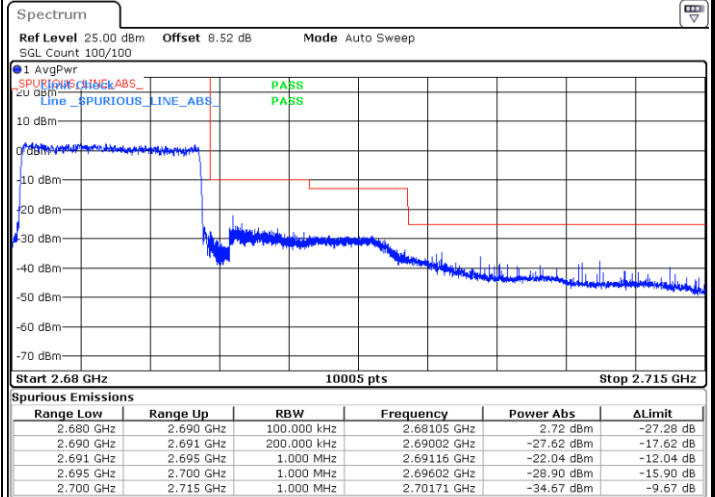
Date: 16.OCT.2023 16:19:10

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:14:40

Highest Band Edge / Full RB

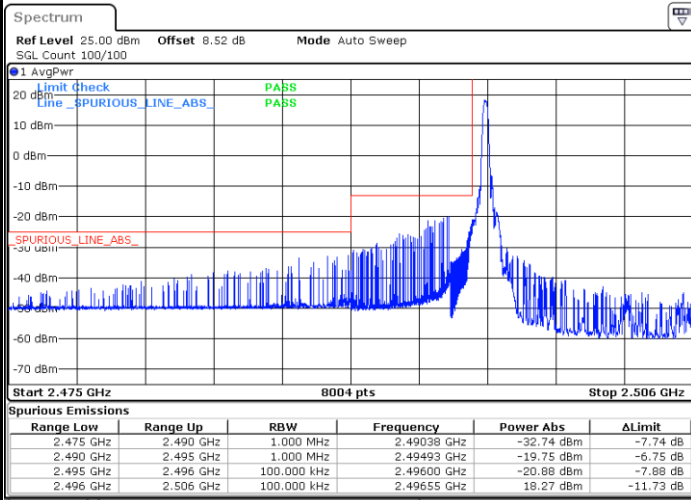


Date: 16.OCT.2023 16:22:20



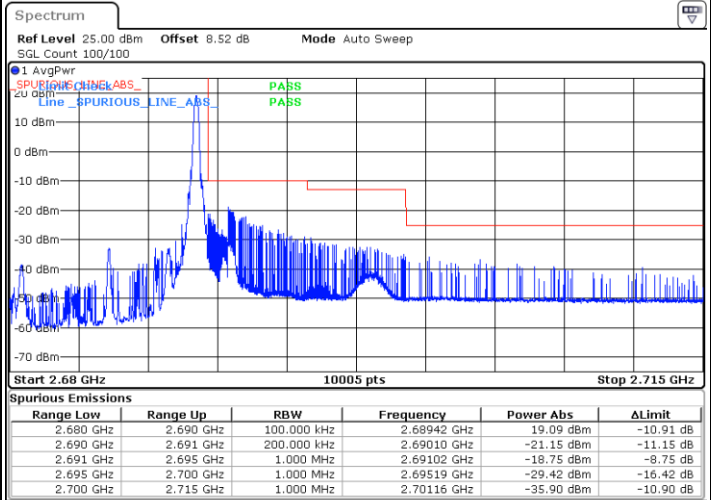
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



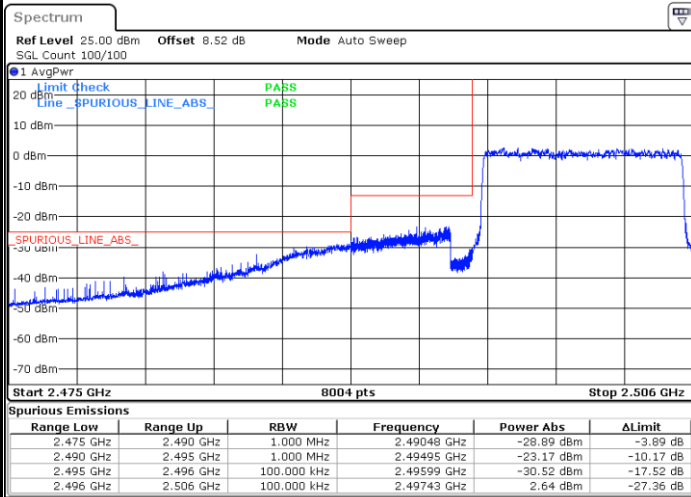
Date: 16.OCT.2023 16:12:08

Highest Band Edge / 1 RB



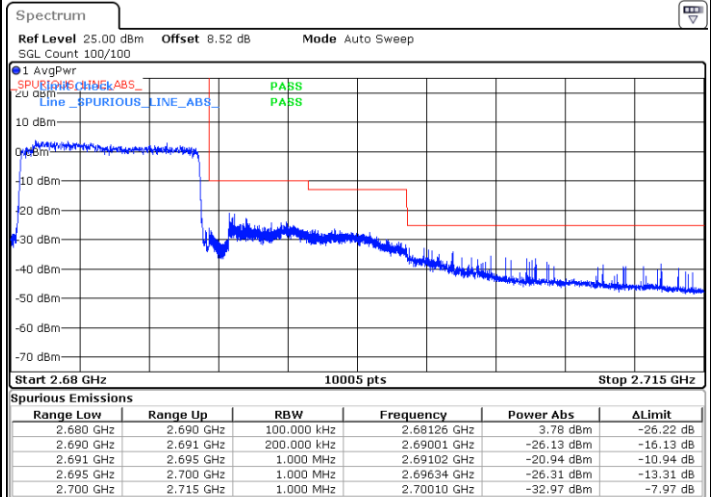
Date: 16.OCT.2023 16:19:37

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:14:22

Highest Band Edge / Full RB

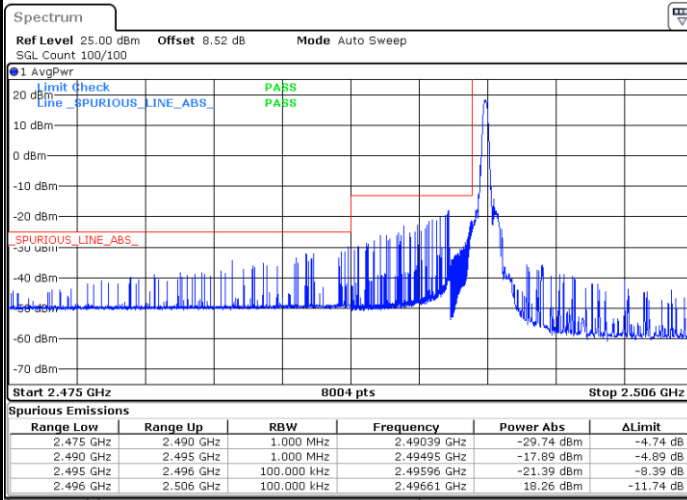


Date: 16.OCT.2023 16:21:58



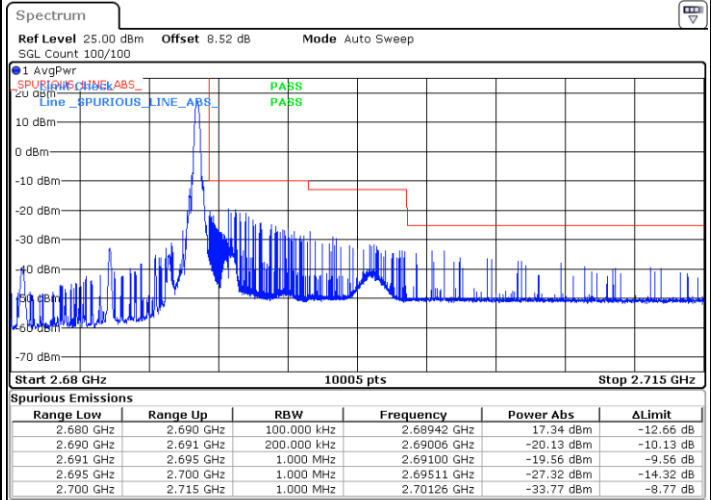
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



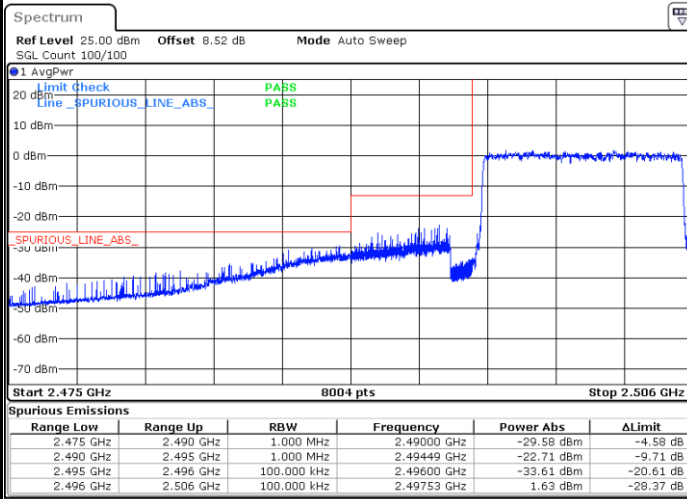
Date: 16.OCT.2023 16:12:34

Highest Band Edge / 1 RB



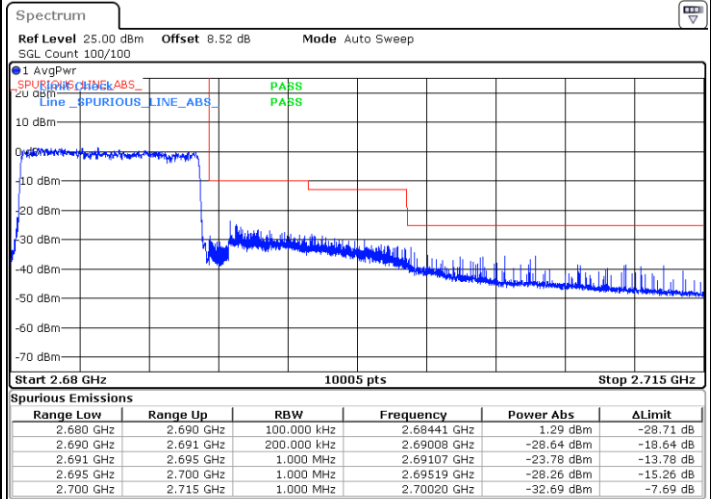
Date: 16.OCT.2023 16:19:58

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:14:04

Highest Band Edge / Full RB



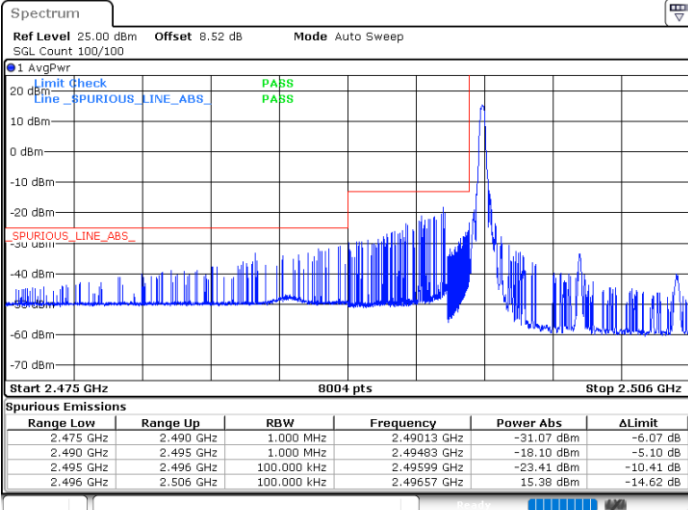
Date: 16.OCT.2023 16:21:31



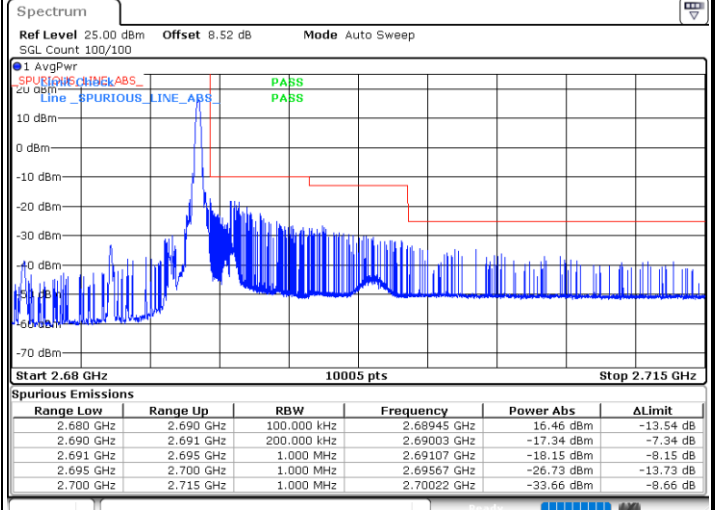
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



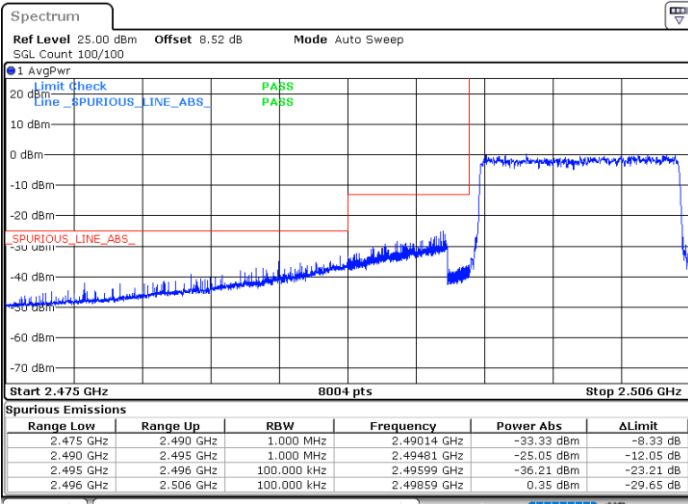
Date: 16.OCT.2023 16:13:04



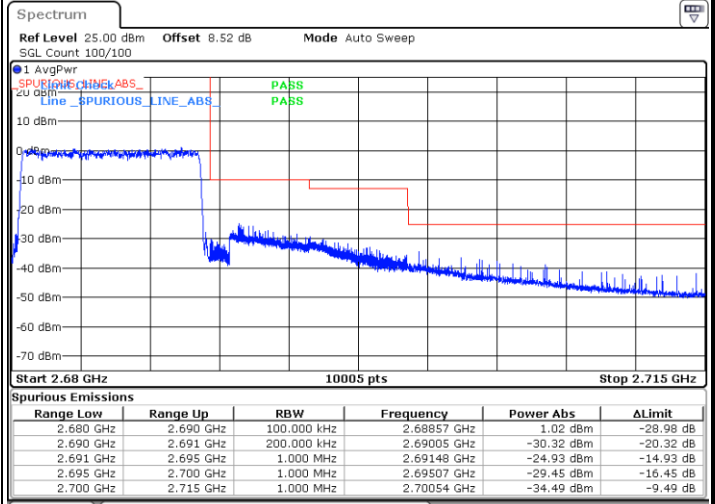
Date: 16.OCT.2023 16:20:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.OCT.2023 16:13:39

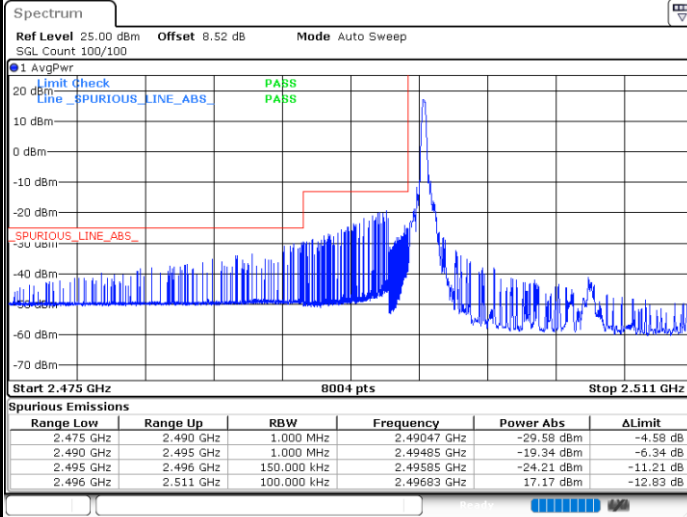


Date: 16.OCT.2023 16:21:02



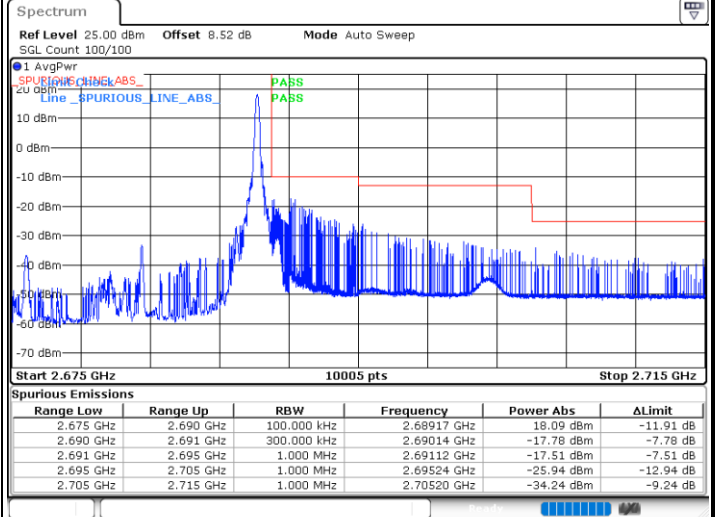
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



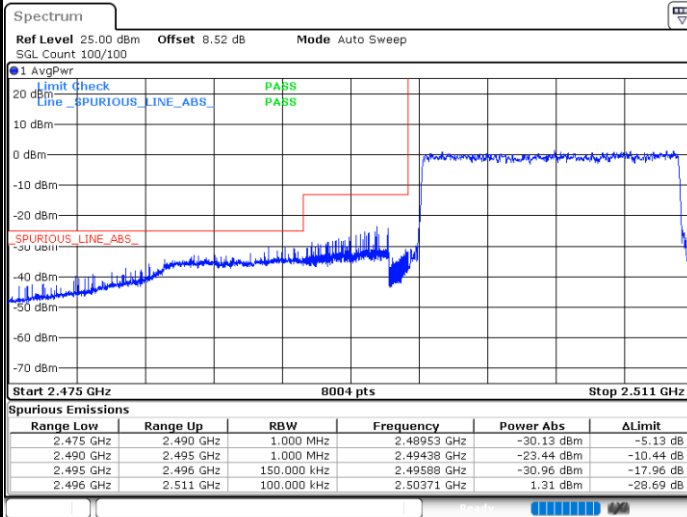
Date: 16.OCT.2023 16:26:15

Highest Band Edge / 1 RB



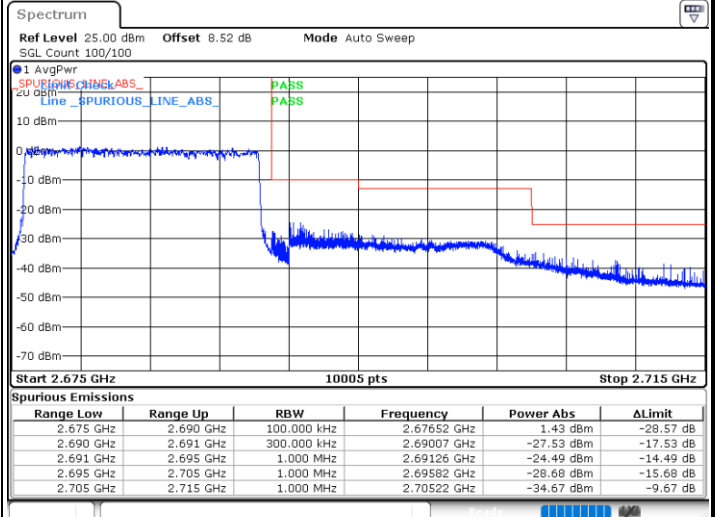
Date: 16.OCT.2023 17:04:19

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:57:45

Highest Band Edge / Full RB

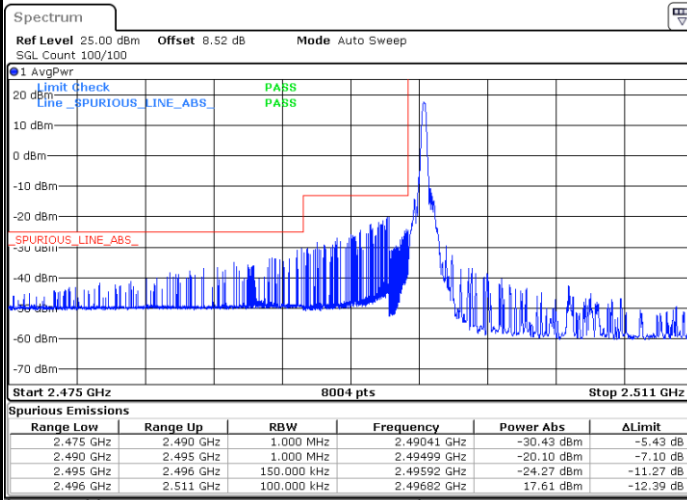


Date: 16.OCT.2023 17:07:14



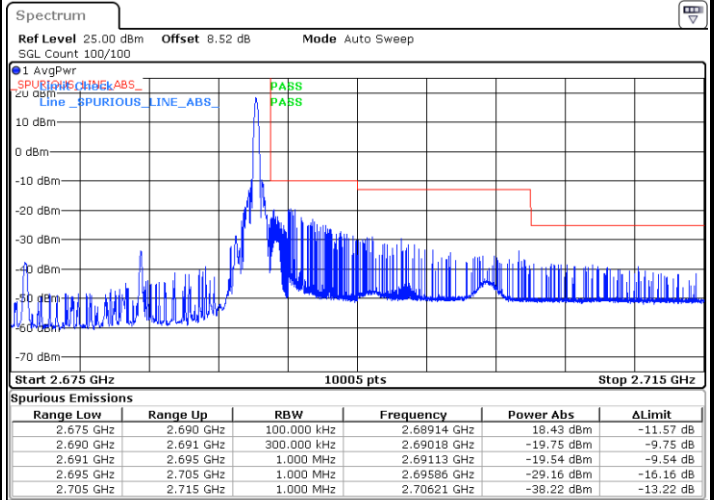
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



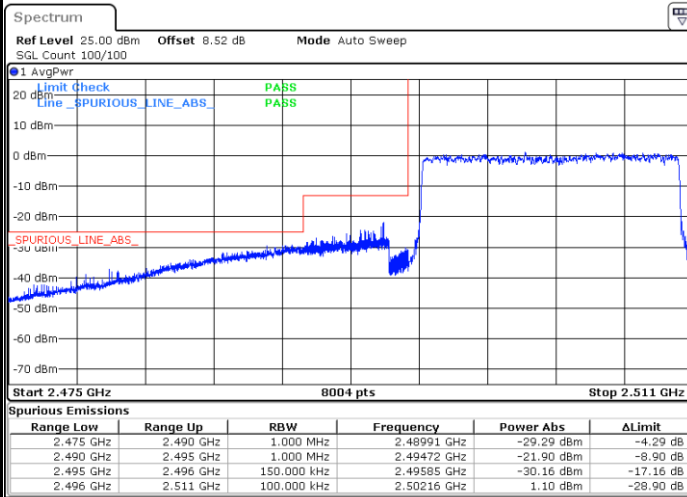
Date: 16.OCT.2023 16:54:19

Highest Band Edge / 1 RB



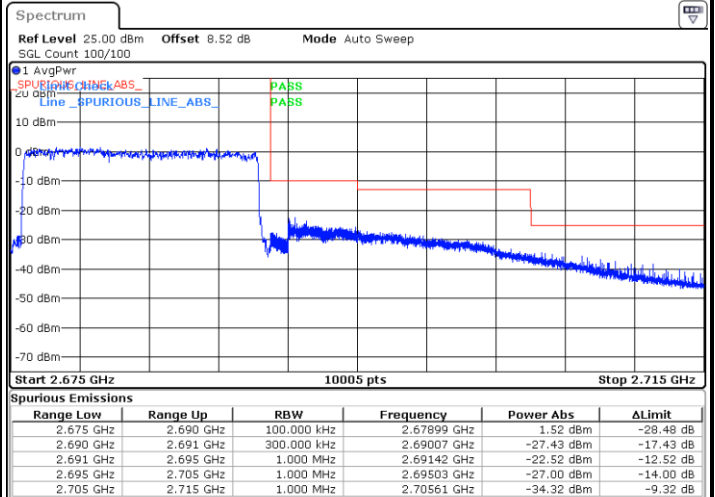
Date: 16.OCT.2023 17:04:40

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:57:00

Highest Band Edge / Full RB

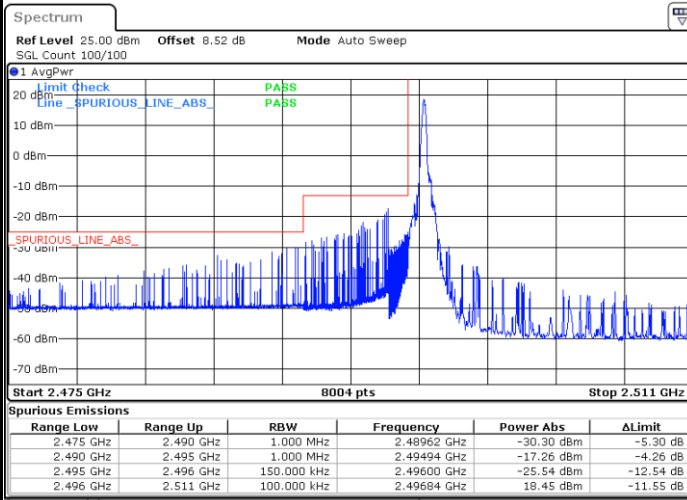


Date: 16.OCT.2023 17:06:34



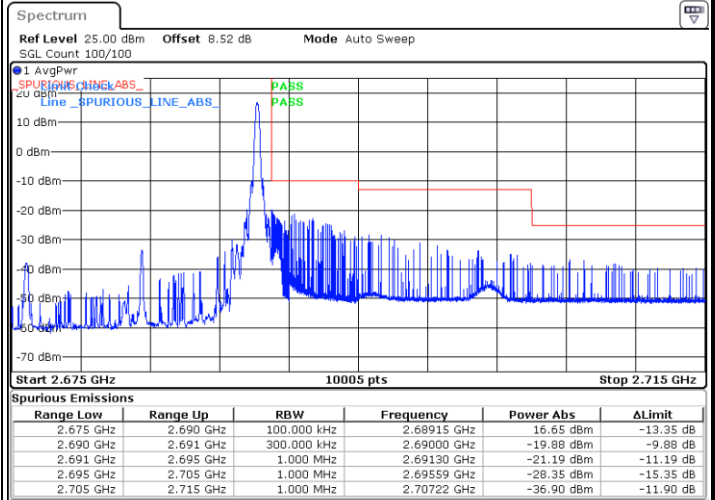
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



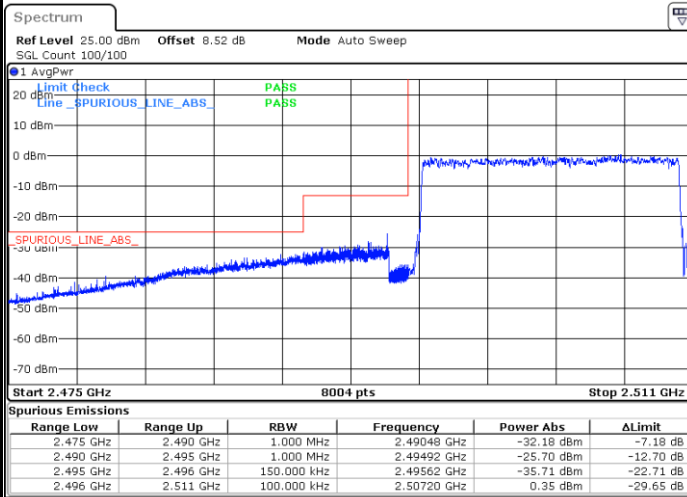
Date: 16.OCT.2023 16:54:52

Highest Band Edge / 1 RB



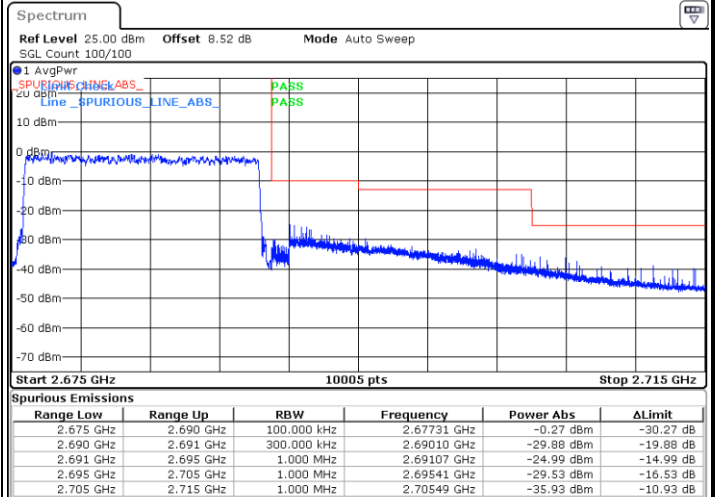
Date: 16.OCT.2023 17:05:07

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:56:32

Highest Band Edge / Full RB

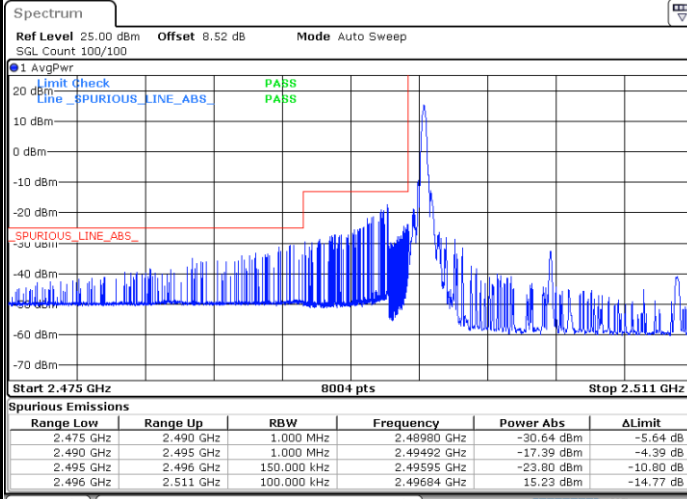


Date: 16.OCT.2023 17:06:14



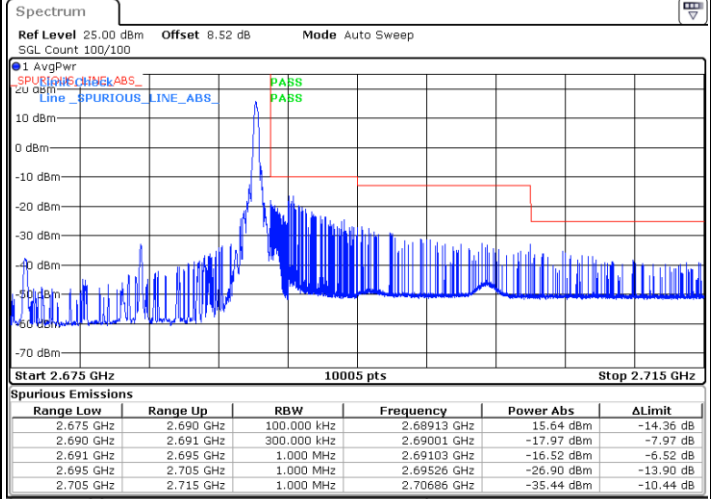
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



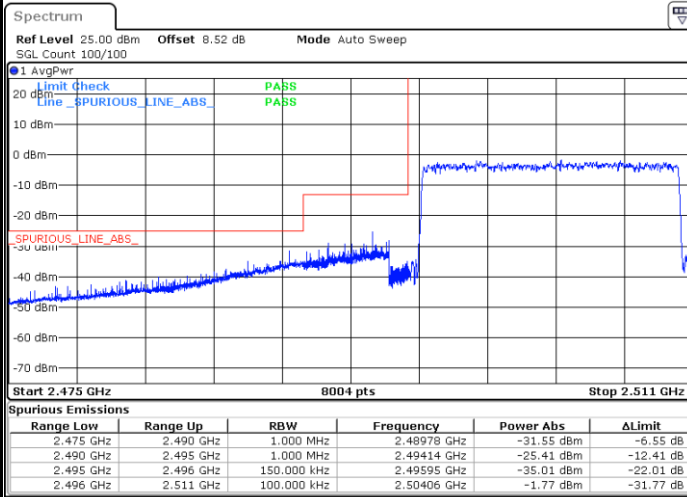
Date: 16.OCT.2023 16:55:20

Highest Band Edge / 1 RB



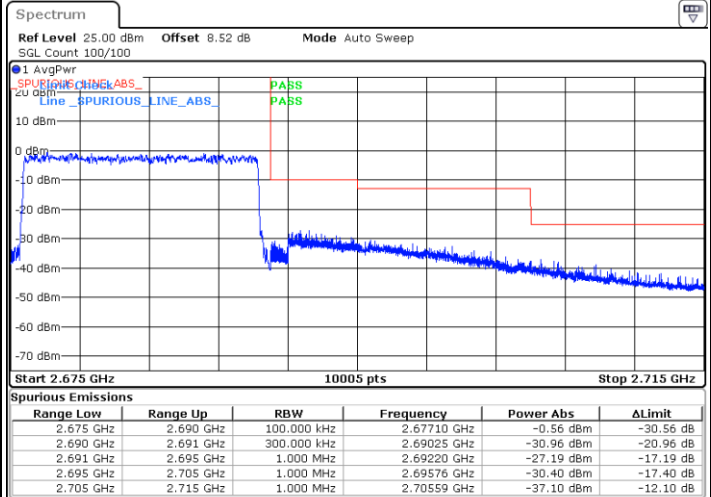
Date: 16.OCT.2023 17:05:25

Lowest Band Edge / Full RB



Date: 16.OCT.2023 16:56:01

Highest Band Edge / Full RB

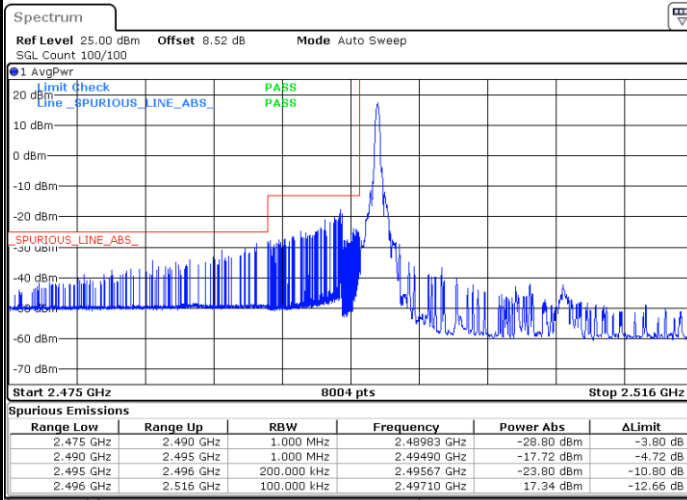


Date: 16.OCT.2023 17:05:51



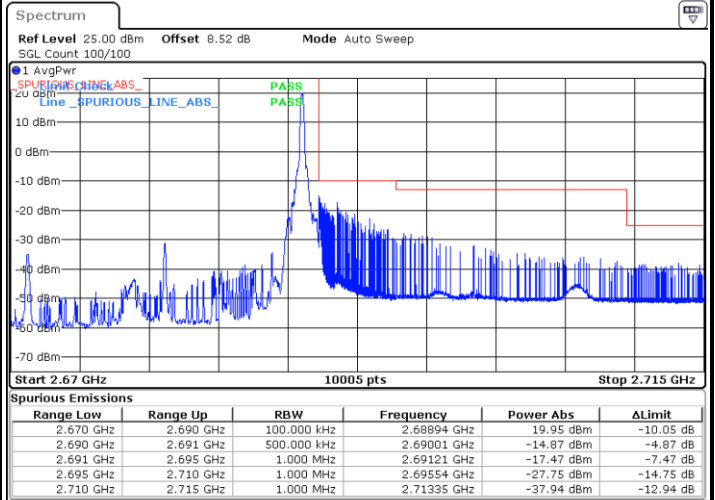
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



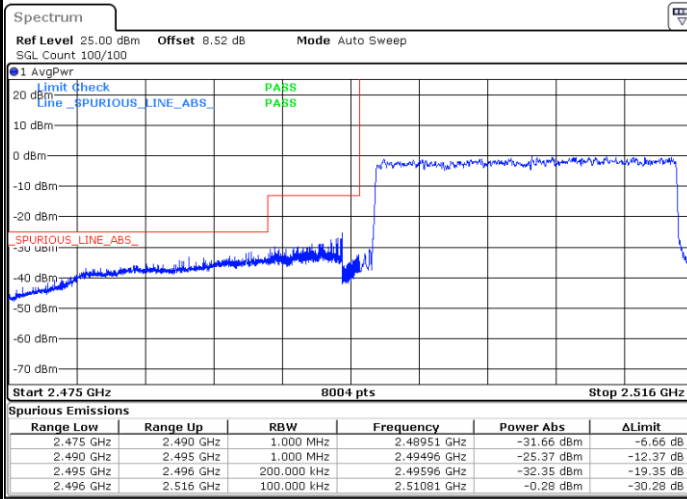
Date: 16.OCT.2023 17:10:13

Highest Band Edge / 1 RB



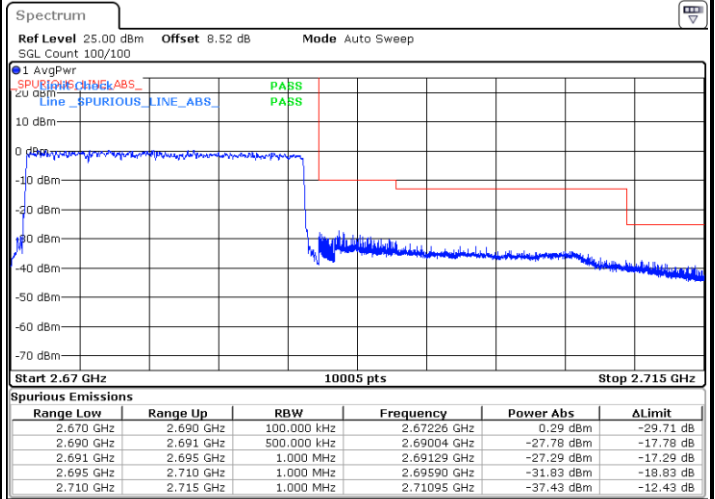
Date: 16.OCT.2023 17:28:51

Lowest Band Edge / Full RB



Date: 16.OCT.2023 17:12:25

Highest Band Edge / Full RB

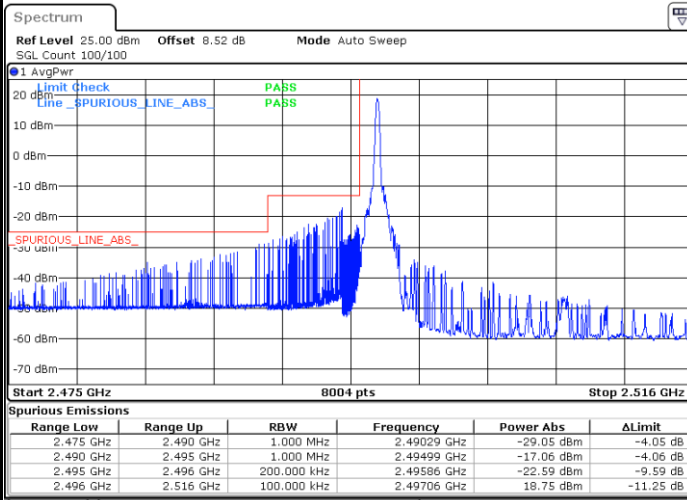


Date: 16.OCT.2023 17:31:04



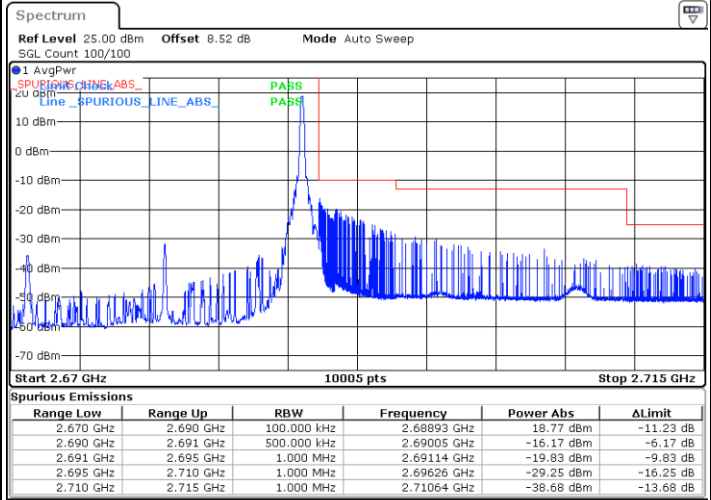
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



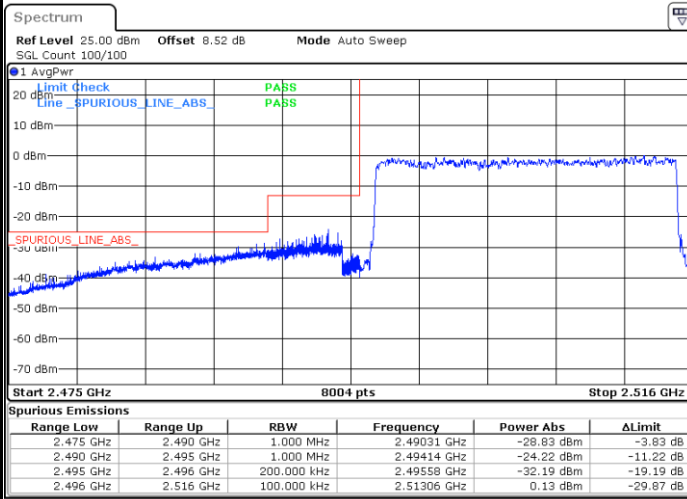
Date: 16.OCT.2023 17:10:29

Highest Band Edge / 1 RB



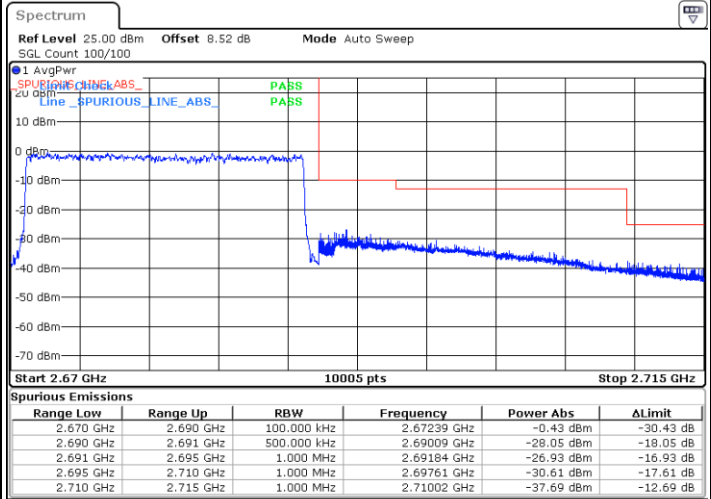
Date: 16.OCT.2023 17:29:06

Lowest Band Edge / Full RB



Date: 16.OCT.2023 17:11:59

Highest Band Edge / Full RB

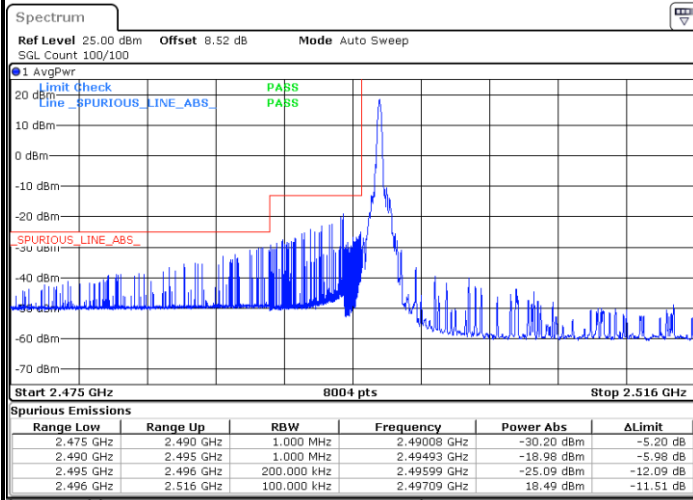


Date: 16.OCT.2023 17:30:24



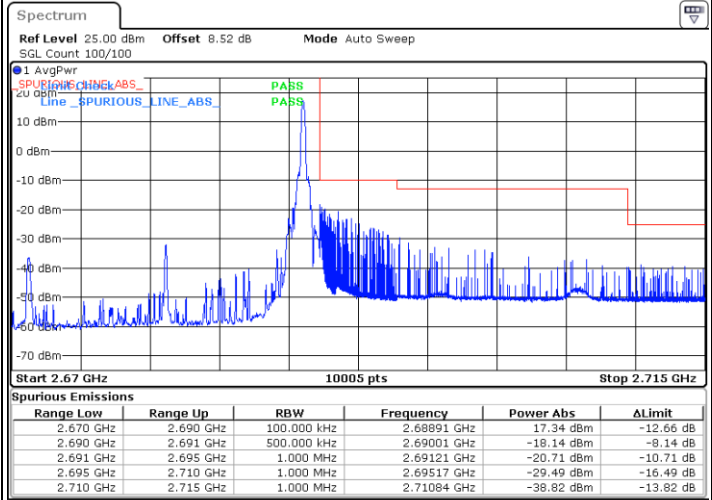
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



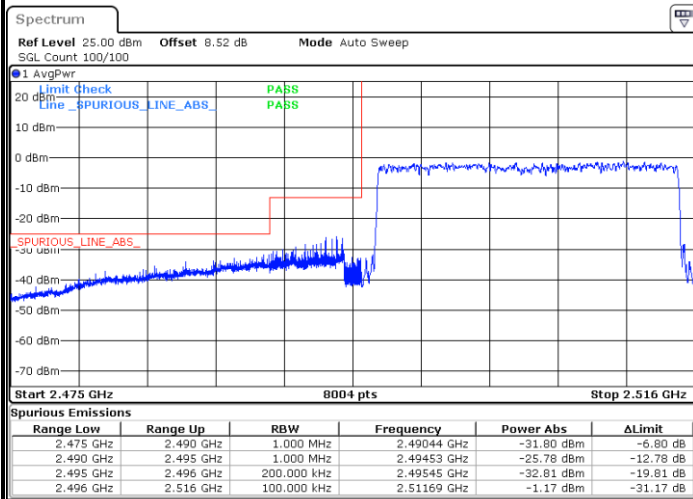
Date: 16.OCT.2023 17:10:47

Highest Band Edge / 1 RB



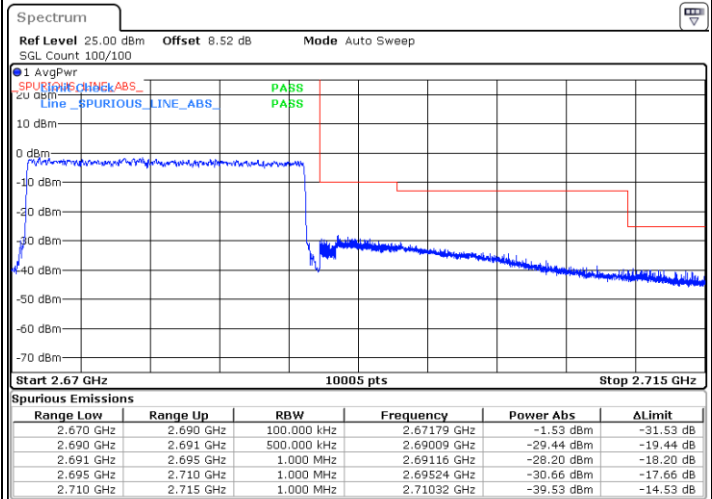
Date: 16.OCT.2023 17:29:21

Lowest Band Edge / Full RB



Date: 16.OCT.2023 17:11:41

Highest Band Edge / Full RB



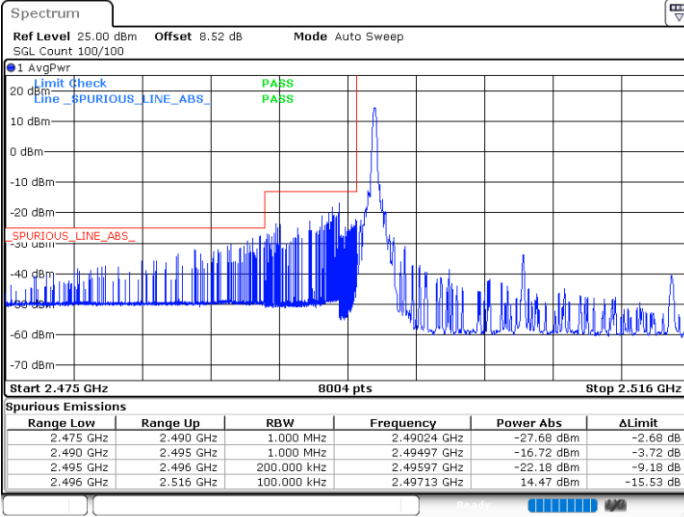
Date: 16.OCT.2023 17:30:08



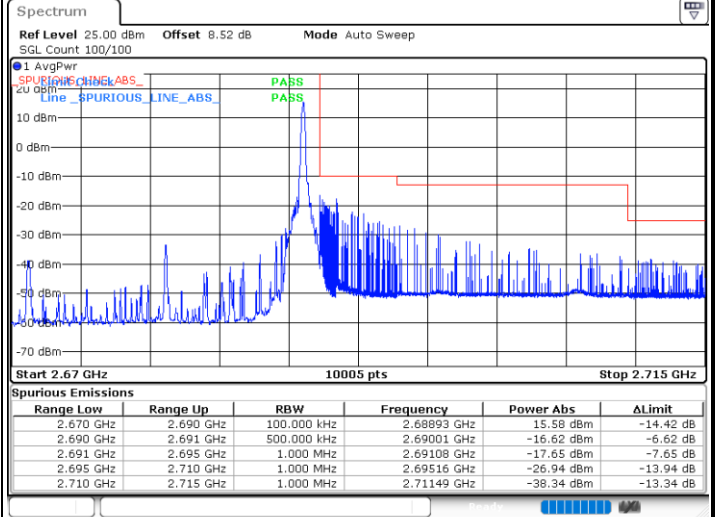
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



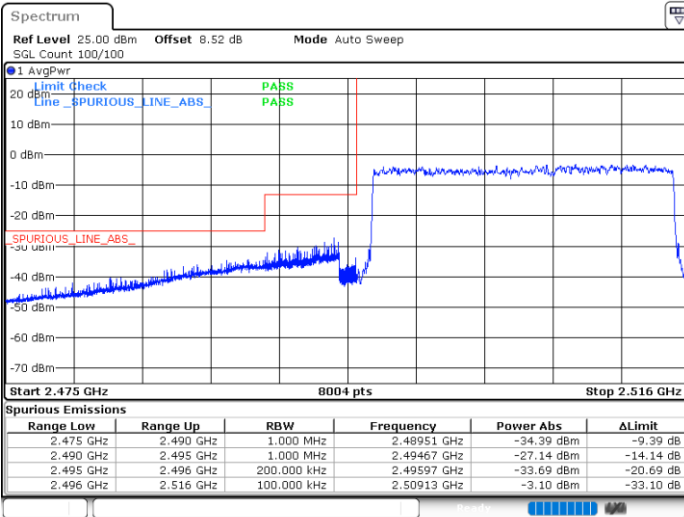
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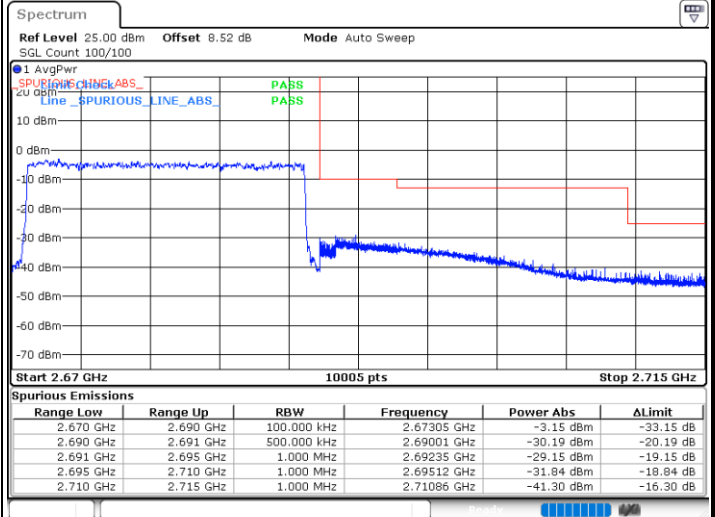
Date: 16.OCT.2023 17:29:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



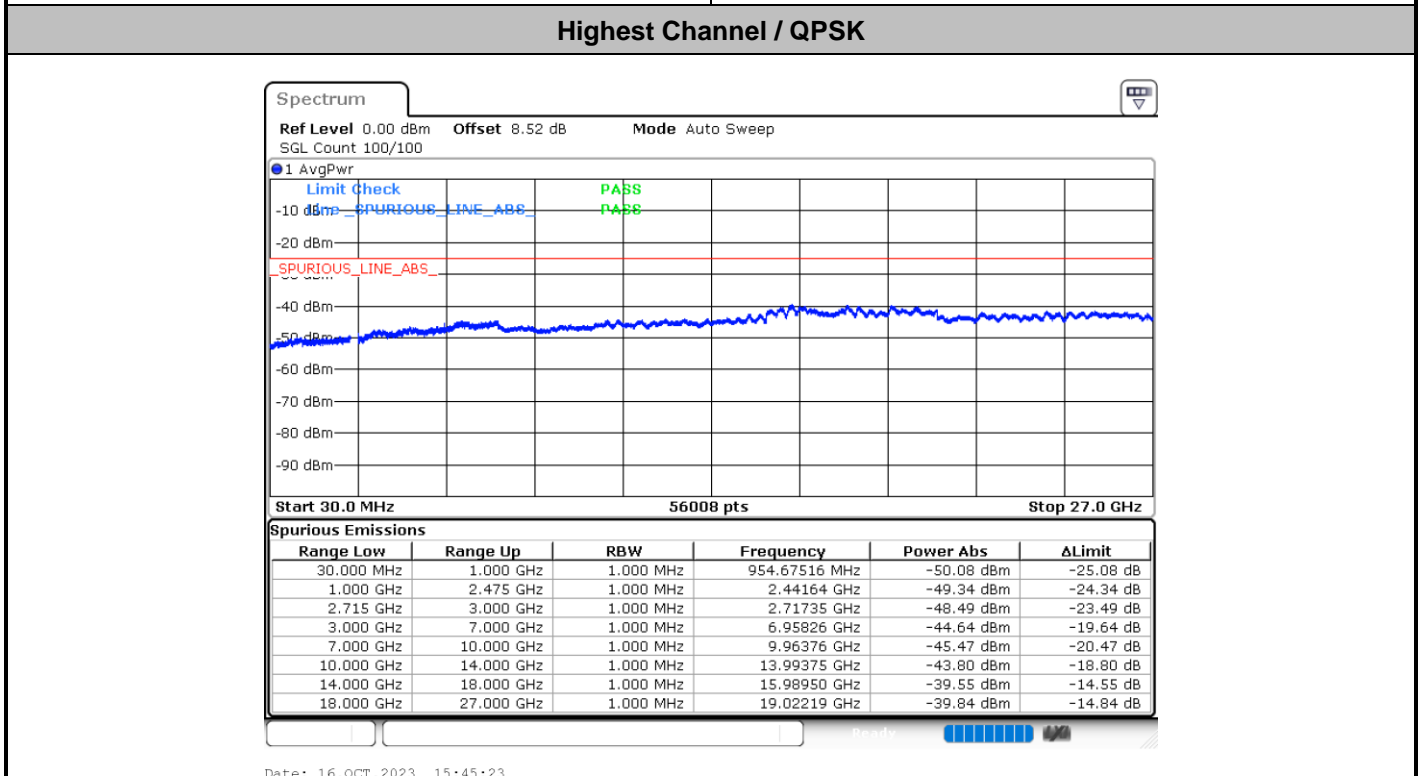
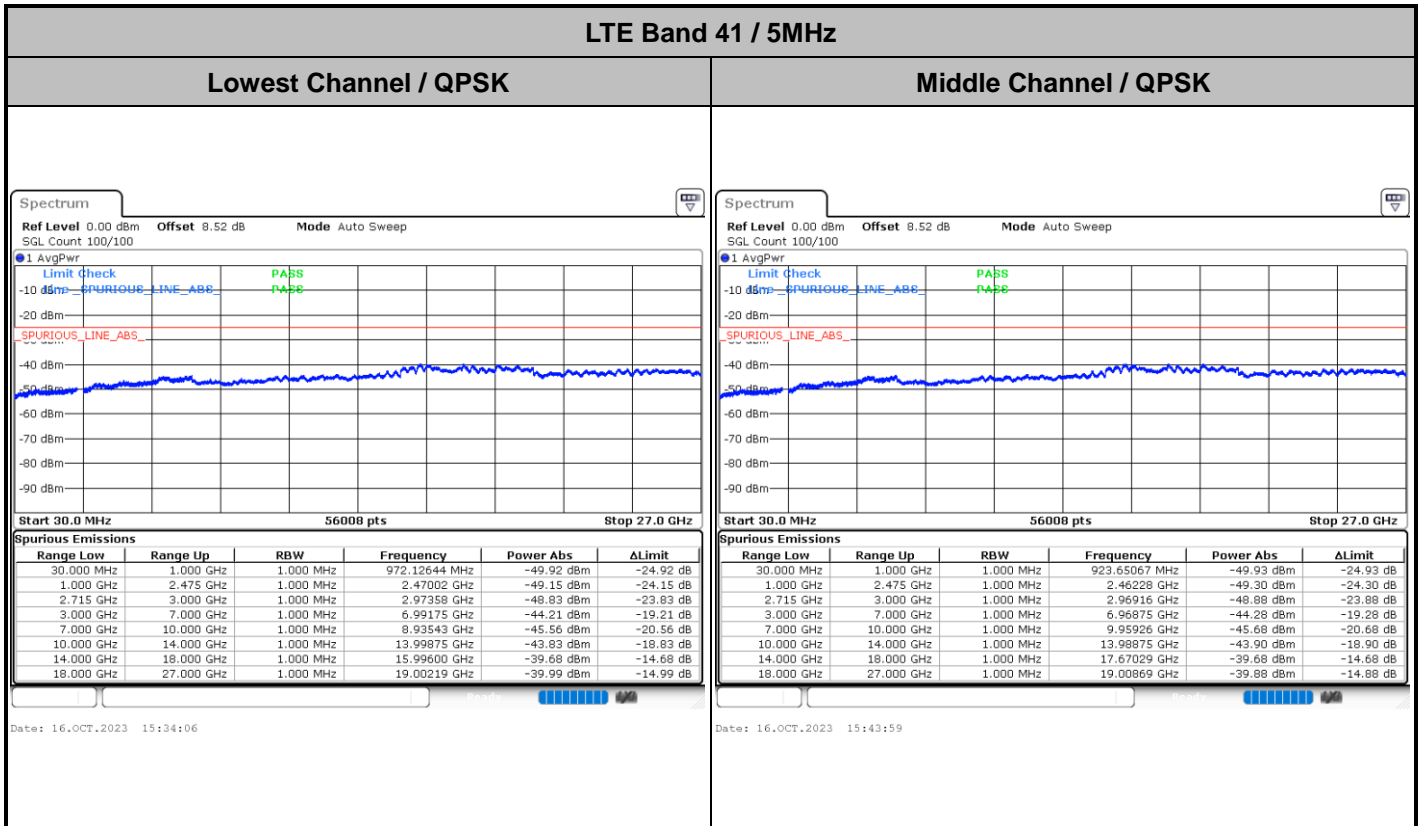
Date: 16.OCT.2023 17:11:24



Date: 16.OCT.2023 17:29:53



Conducted Spurious Emission

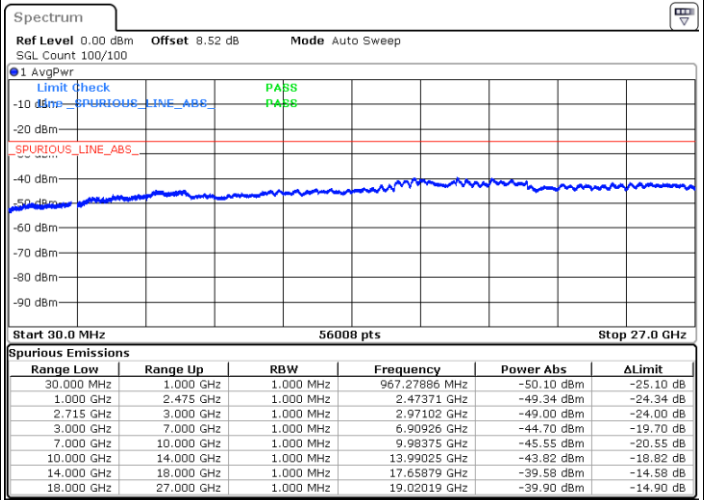
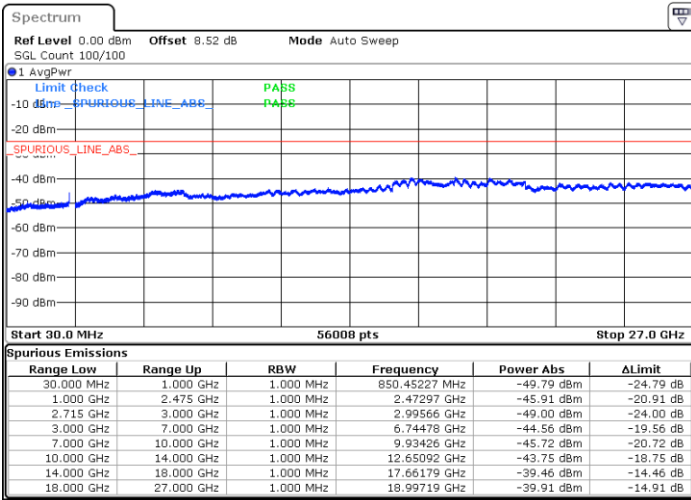




LTE Band 41 / 10MHz

Lowest Channel / QPSK

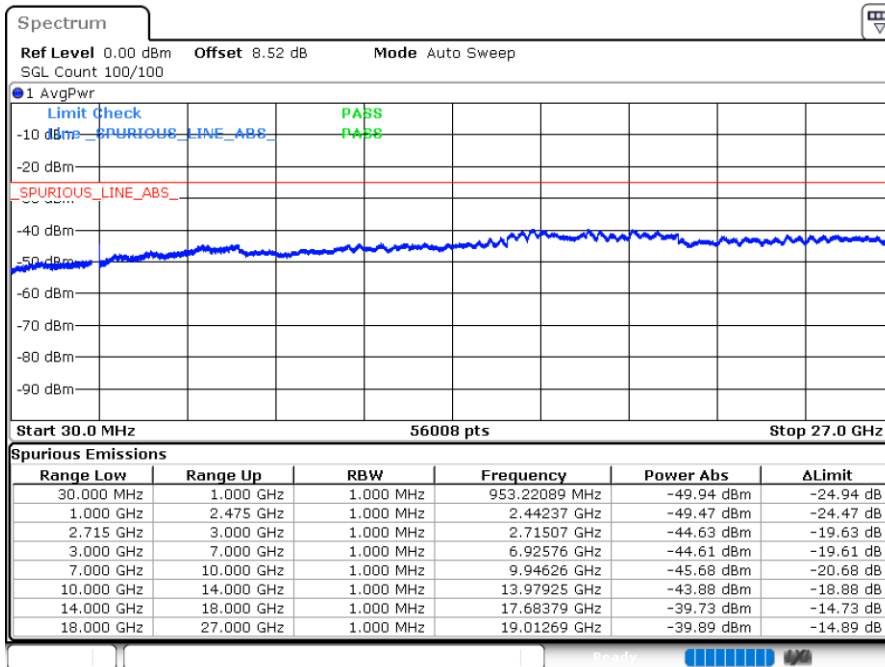
Middle Channel / QPSK



Date: 16.OCT.2023 16:11:44

Date: 16.OCT.2023 16:16:37

Highest Channel / QPSK



Date: 16.OCT.2023 16:18:38