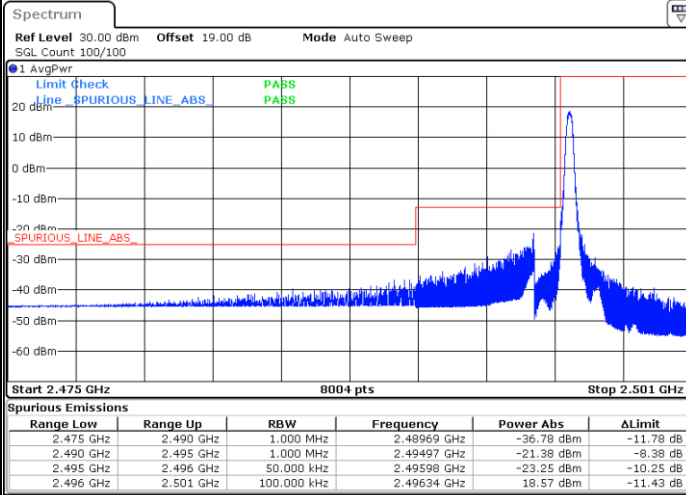




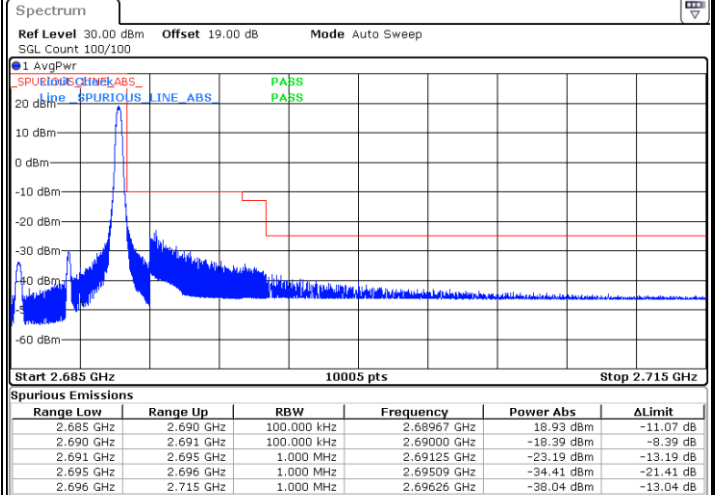
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



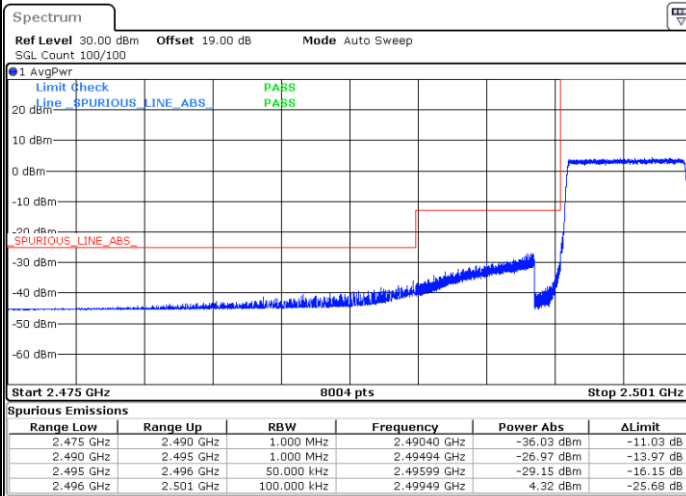
Date: 9. JAN. 2024 23:53:12

Highest Band Edge / 1 RB



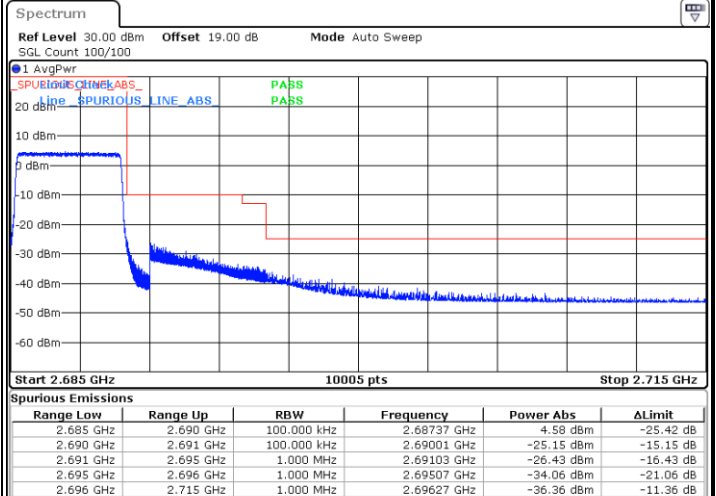
Date: 10. JAN. 2024 01:29:55

Lowest Band Edge / Full RB



Date: 9. JAN. 2024 23:54:05

Highest Band Edge / Full RB

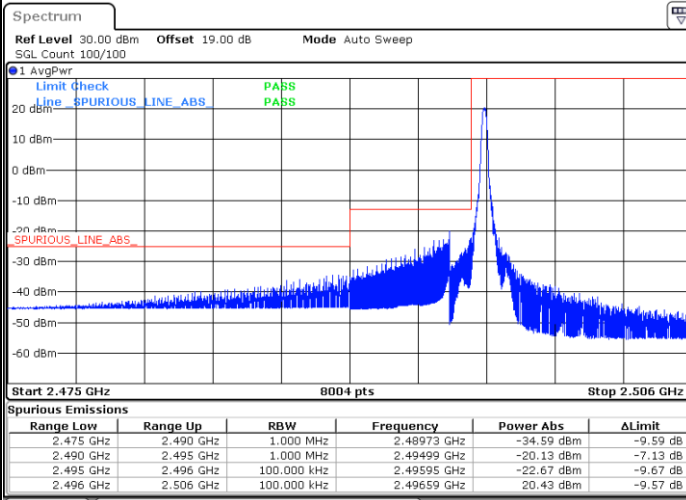


Date: 10. JAN. 2024 01:31:17



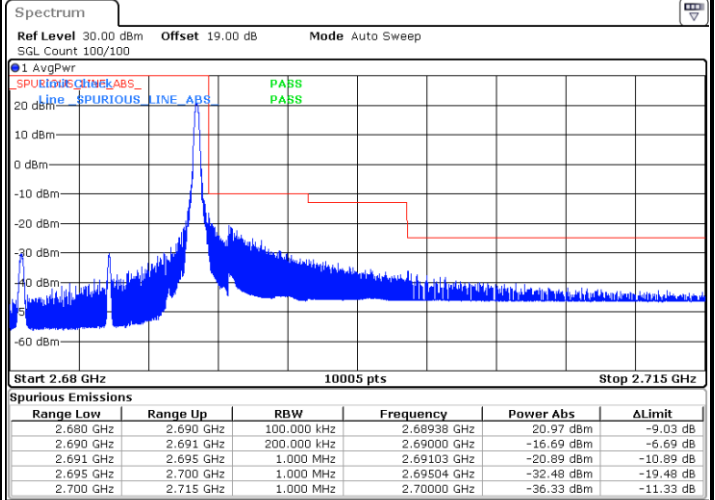
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



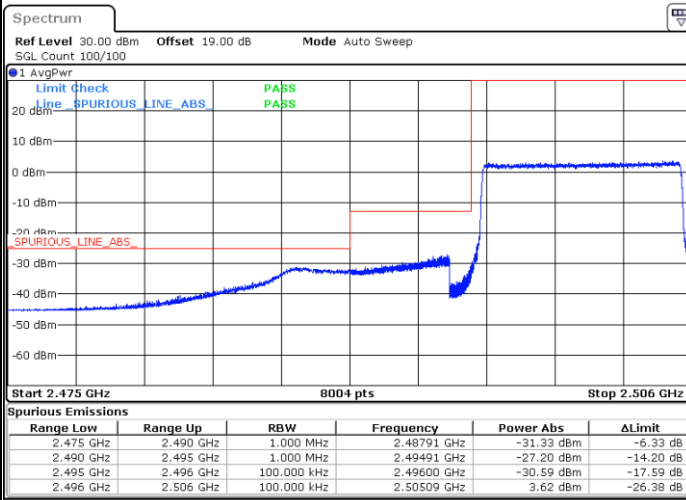
Date: 10.JAN.2024 00:26:19

Highest Band Edge / 1 RB



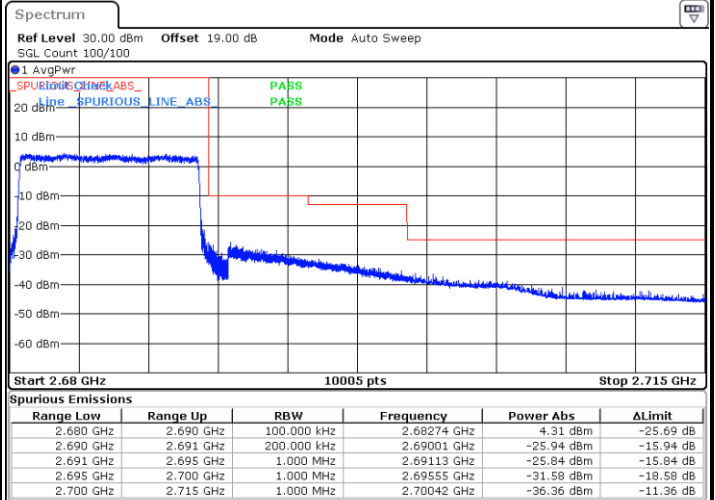
Date: 10.JAN.2024 00:35:01

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:30:38

Highest Band Edge / Full RB

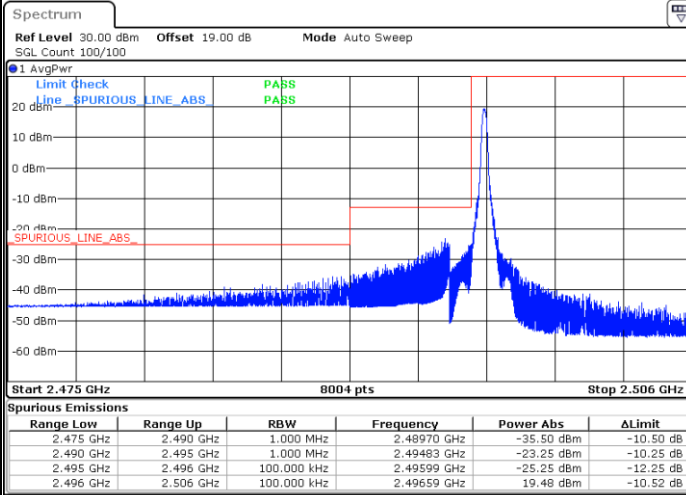


Date: 10.JAN.2024 00:39:18



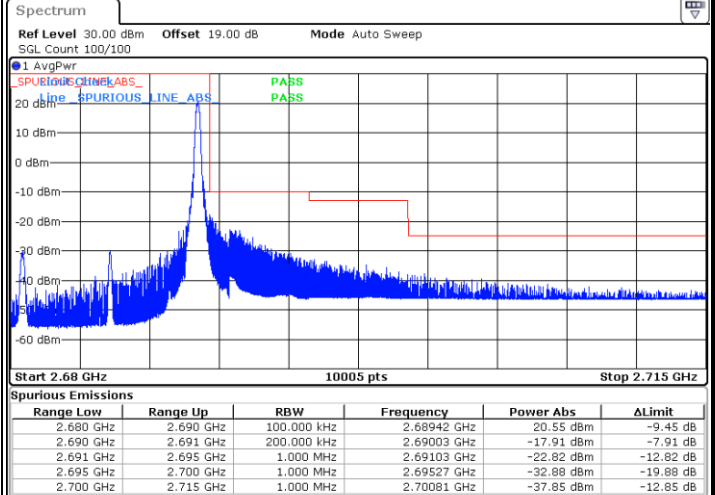
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



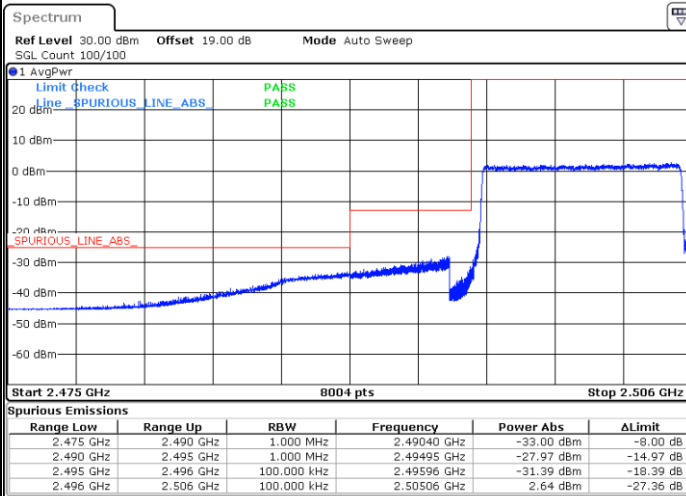
Date: 10.JAN.2024 00:27:11

Highest Band Edge / 1 RB



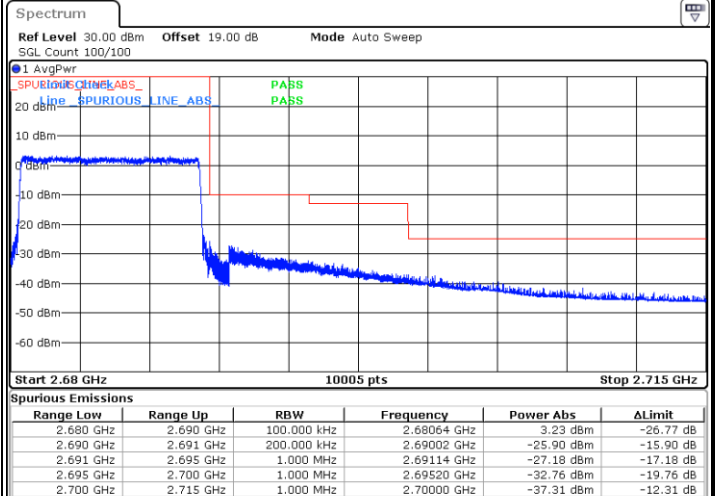
Date: 10.JAN.2024 00:35:52

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:29:46

Highest Band Edge / Full RB

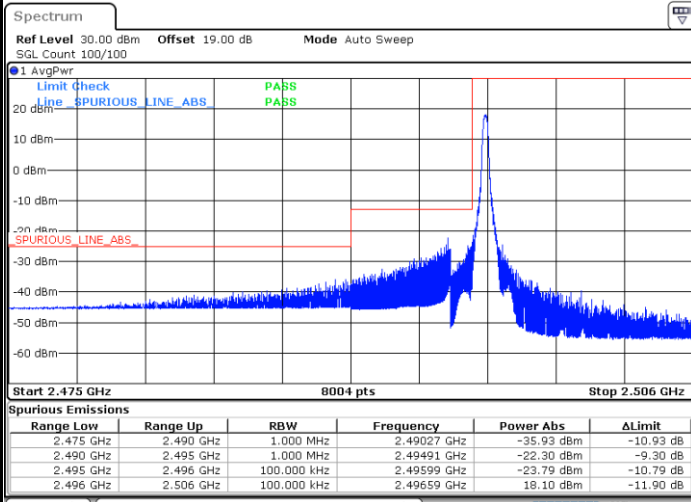


Date: 10.JAN.2024 00:38:27



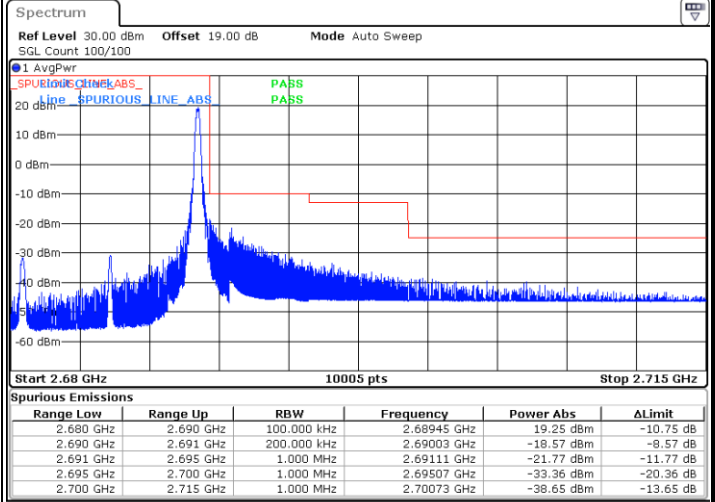
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



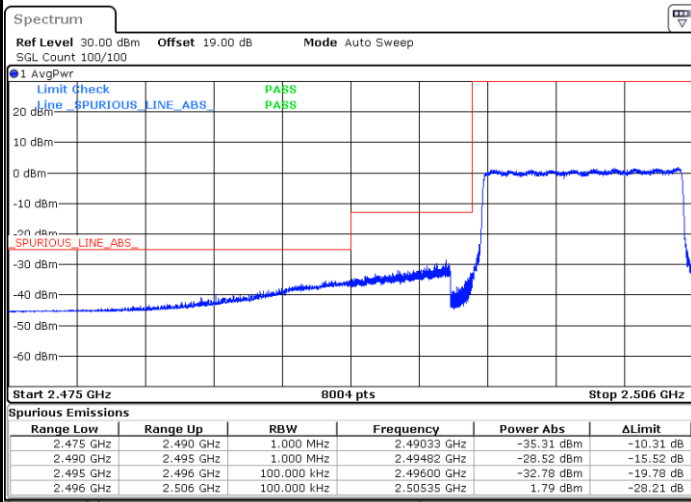
Date: 10.JAN.2024 00:28:02

Highest Band Edge / 1 RB



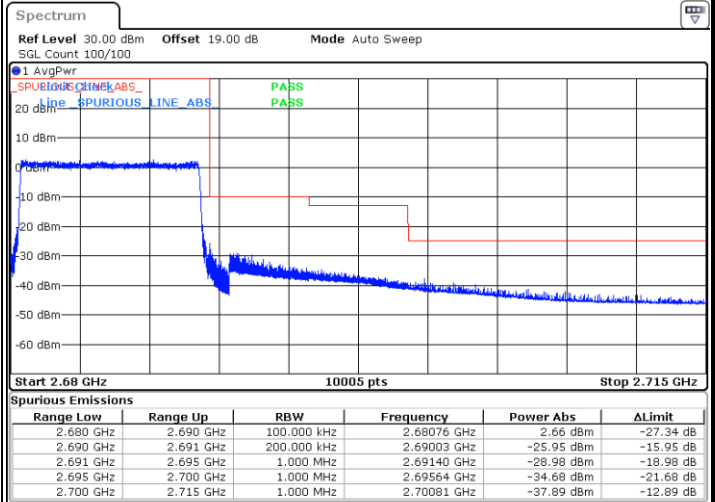
Date: 10.JAN.2024 00:36:44

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:28:54

Highest Band Edge / Full RB

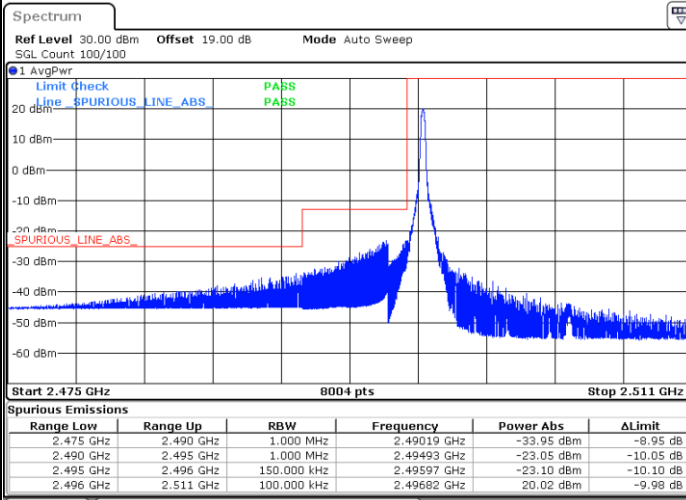


Date: 10.JAN.2024 00:37:35



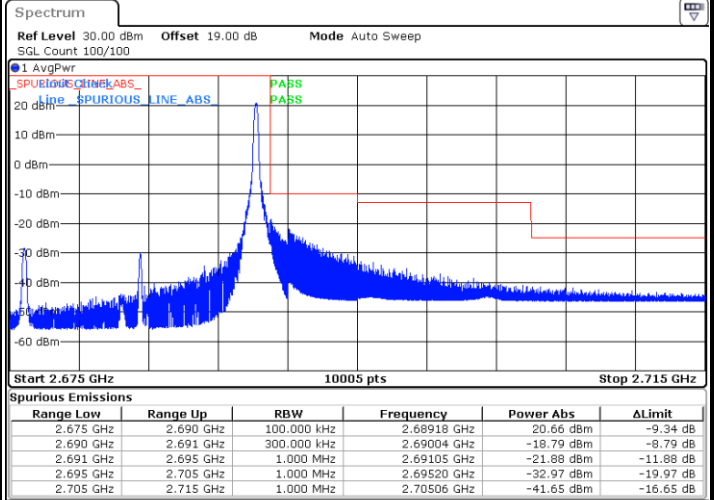
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



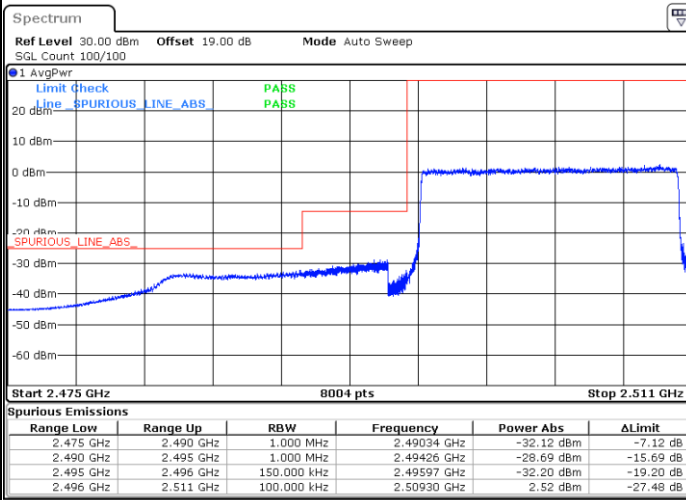
Date: 10.JAN.2024 00:42:01

Highest Band Edge / 1 RB



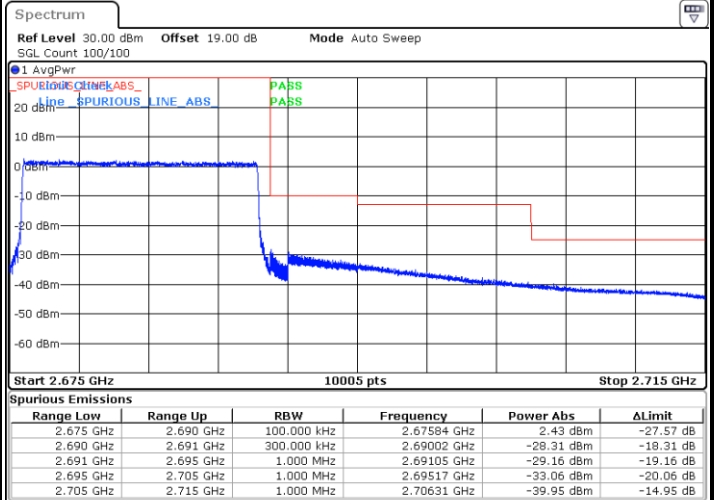
Date: 10.JAN.2024 00:50:46

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:46:20

Highest Band Edge / Full RB

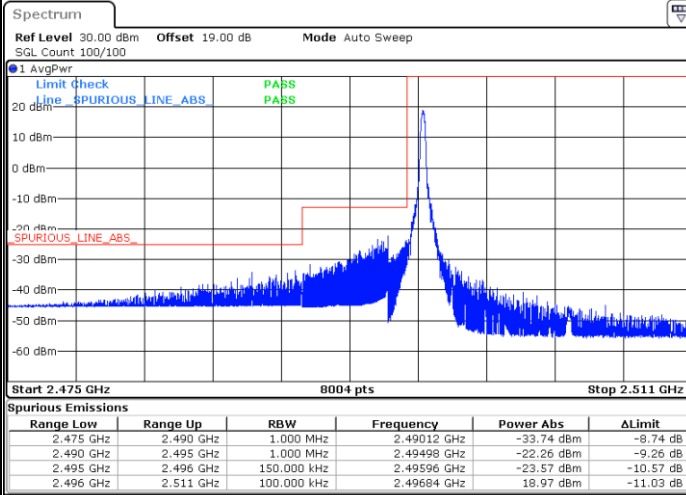


Date: 10.JAN.2024 00:55:16



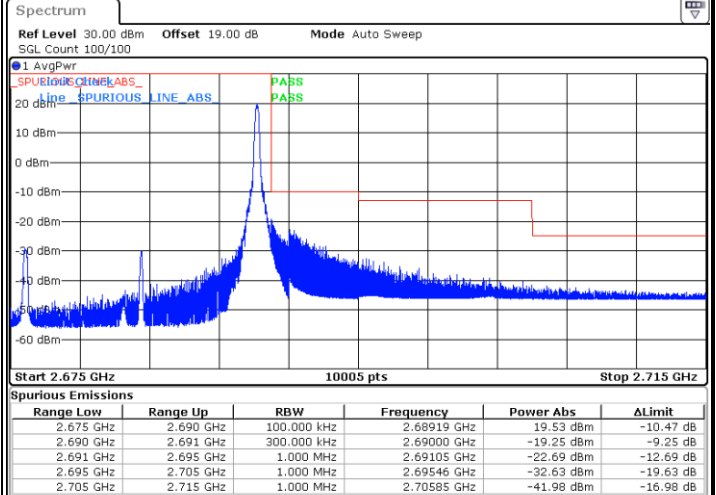
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



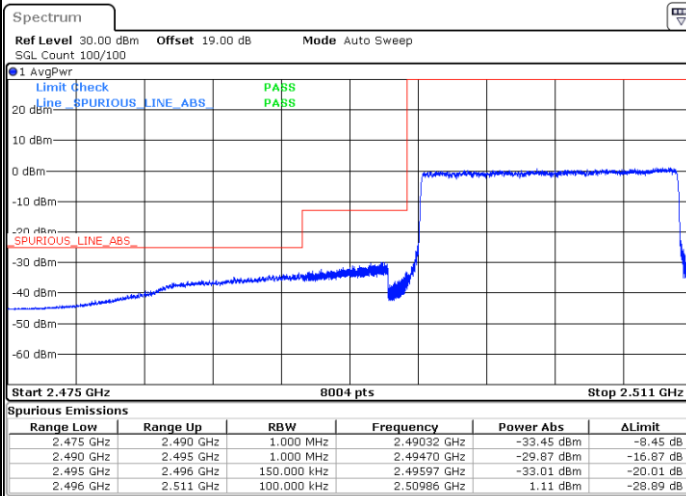
Date: 10.JAN.2024 00:42:53

Highest Band Edge / 1 RB



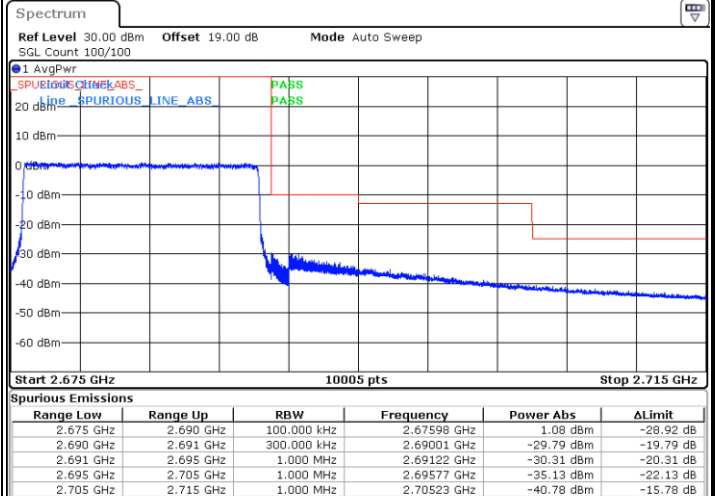
Date: 10.JAN.2024 00:51:40

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:45:28

Highest Band Edge / Full RB

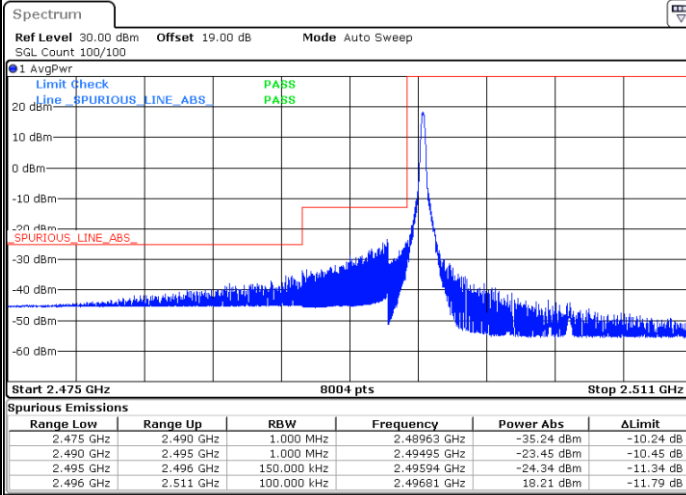


Date: 10.JAN.2024 00:54:22



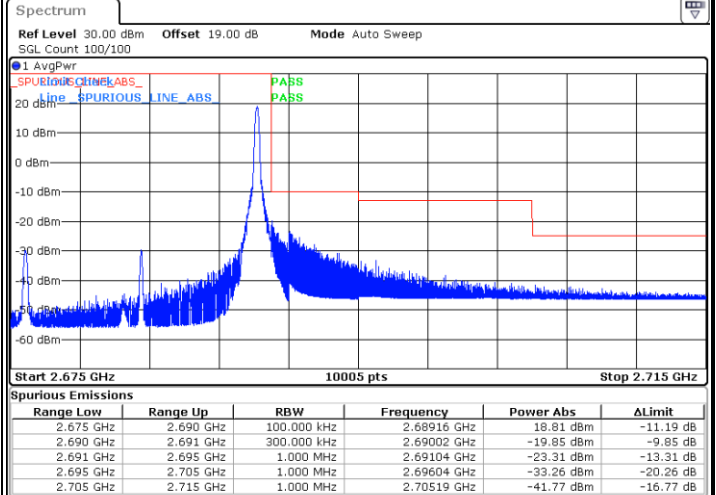
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



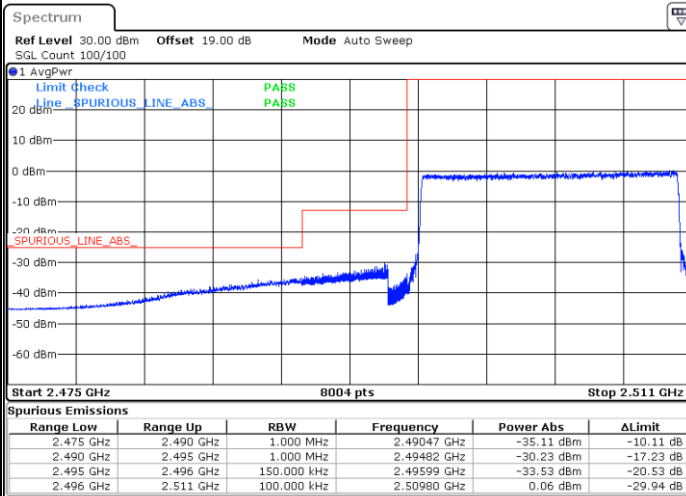
Date: 10.JAN.2024 00:43:45

Highest Band Edge / 1 RB



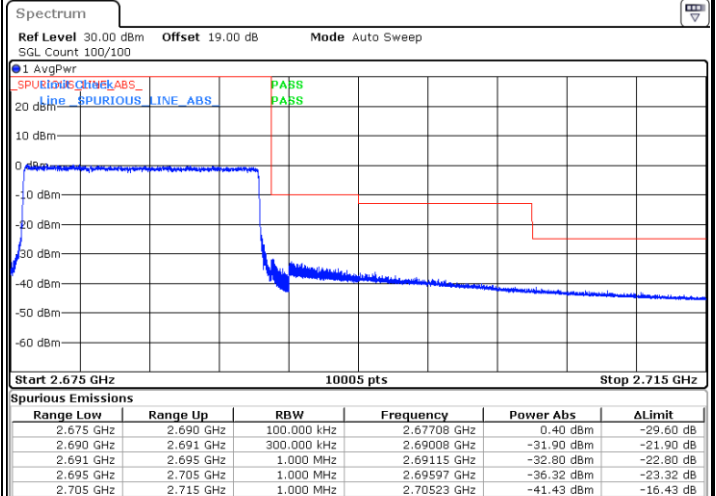
Date: 10.JAN.2024 00:52:34

Lowest Band Edge / Full RB



Date: 10.JAN.2024 00:44:36

Highest Band Edge / Full RB

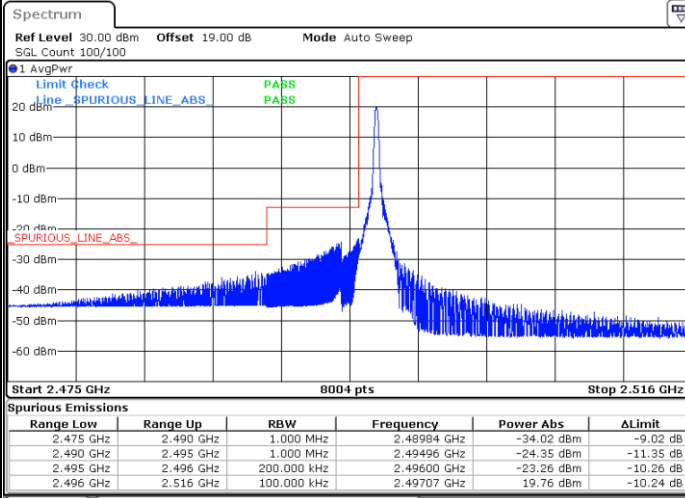


Date: 10.JAN.2024 00:53:28



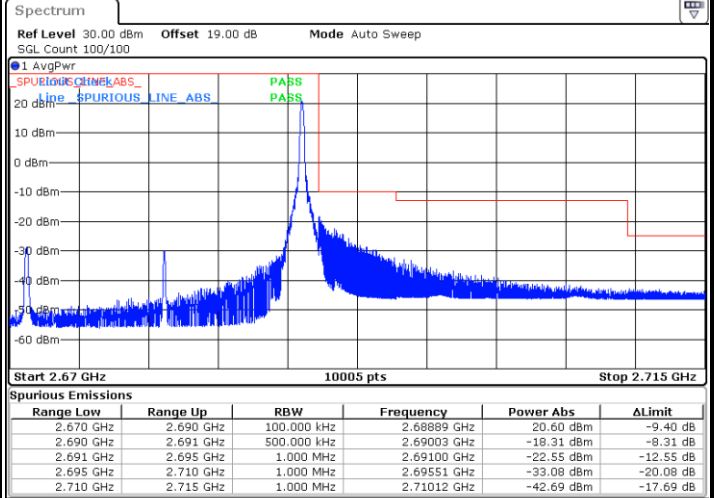
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



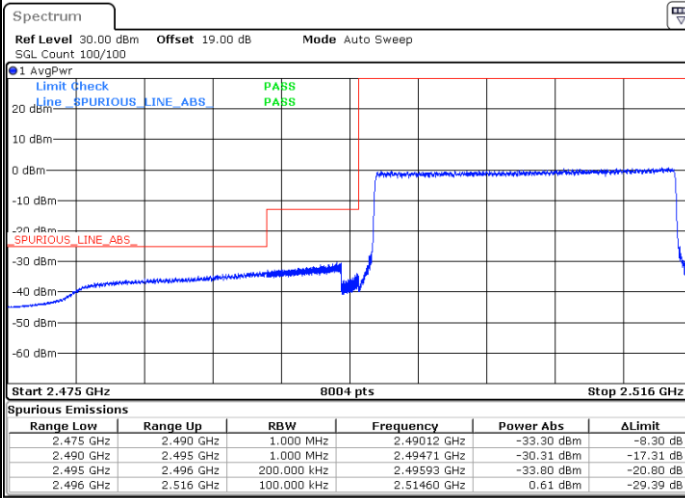
Date: 10.JAN.2024 00:58:00

Highest Band Edge / 1 RB



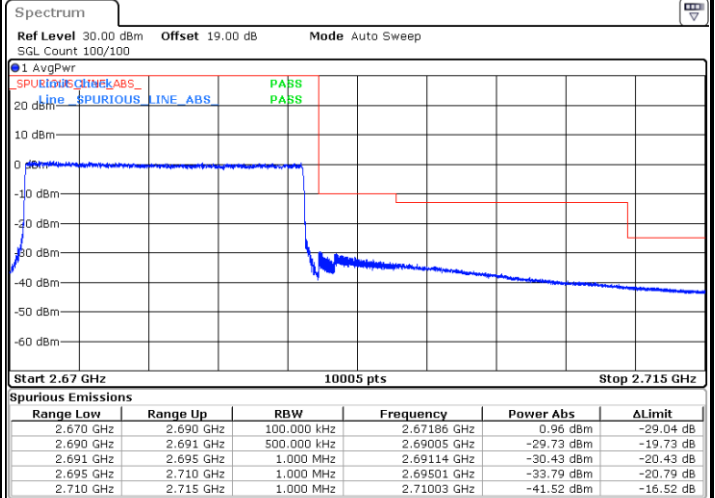
Date: 10.JAN.2024 01:08:07

Lowest Band Edge / Full RB



Date: 10.JAN.2024 01:02:18

Highest Band Edge / Full RB

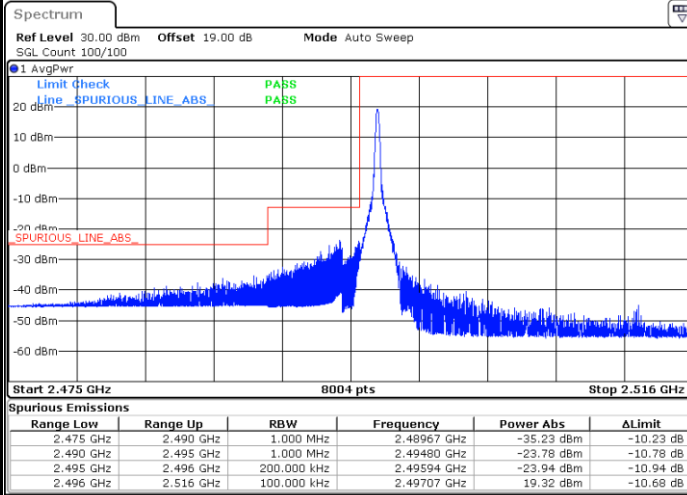


Date: 10.JAN.2024 01:12:38



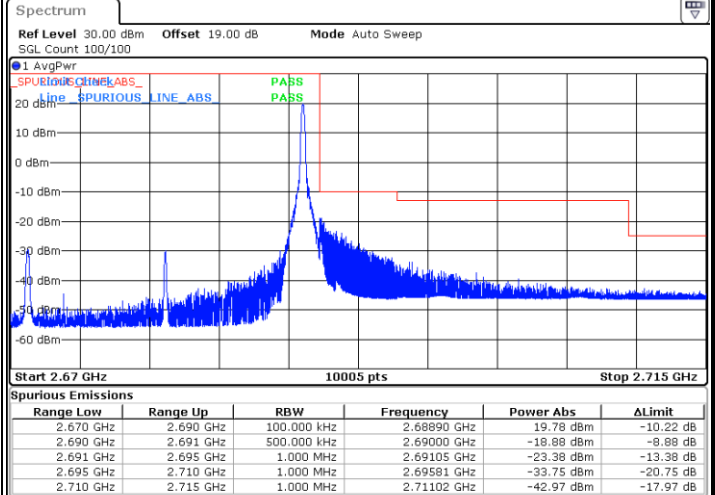
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



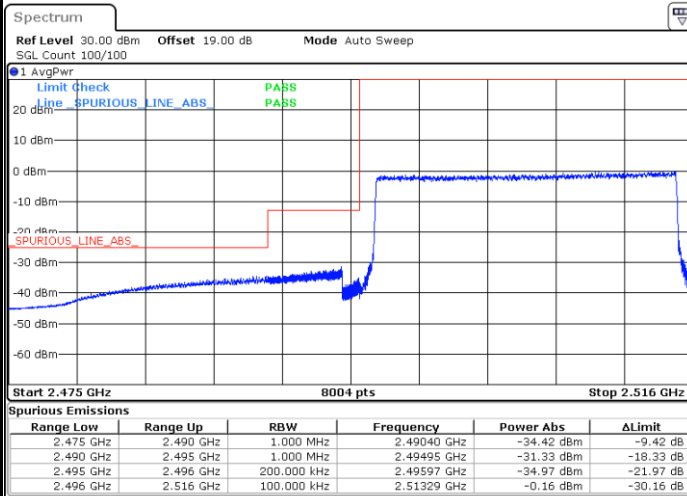
Date: 10.JAN.2024 00:58:52

Highest Band Edge / 1 RB



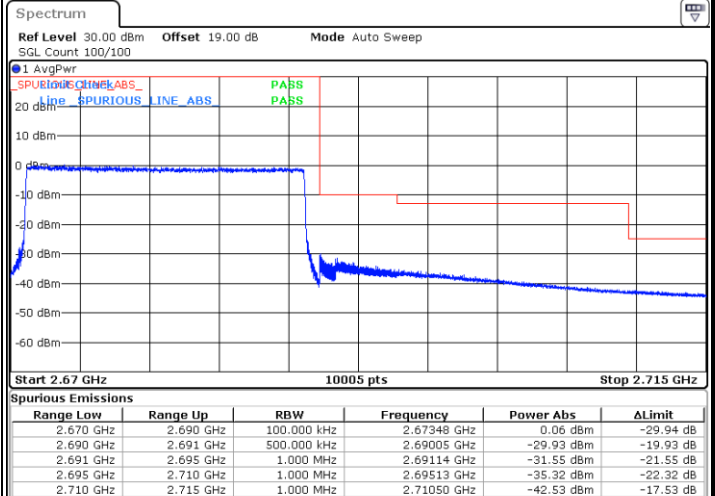
Date: 10.JAN.2024 01:09:01

Lowest Band Edge / Full RB



Date: 10.JAN.2024 01:01:27

Highest Band Edge / Full RB

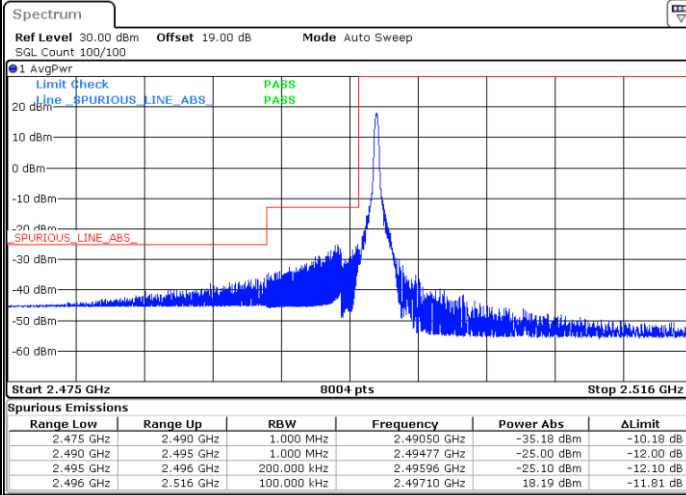


Date: 10.JAN.2024 01:11:44



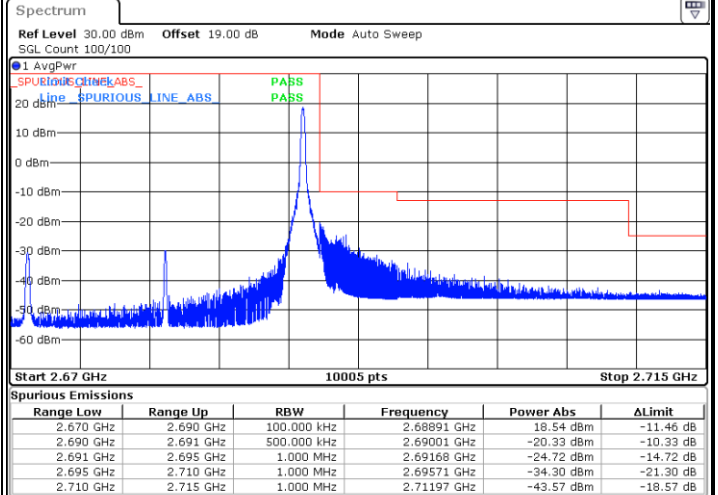
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



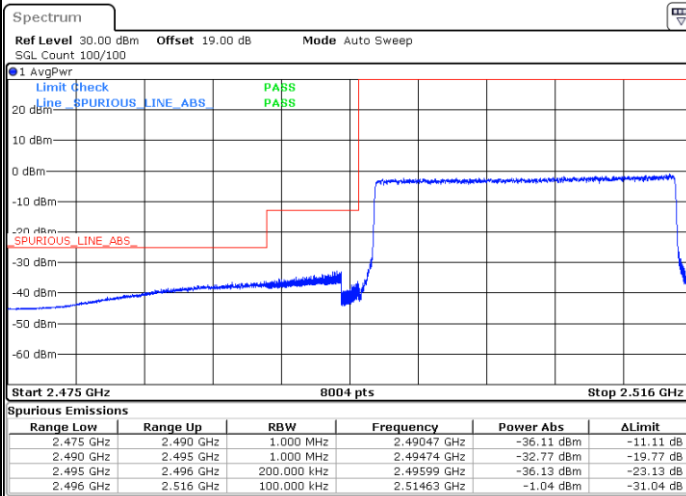
Date: 10.JAN.2024 00:59:43

Highest Band Edge / 1 RB



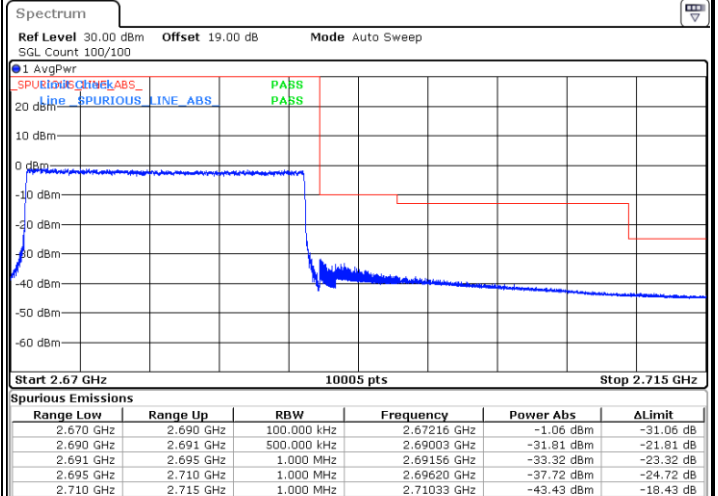
Date: 10.JAN.2024 01:09:55

Lowest Band Edge / Full RB



Date: 10.JAN.2024 01:00:35

Highest Band Edge / Full RB



Date: 10.JAN.2024 01:10:50

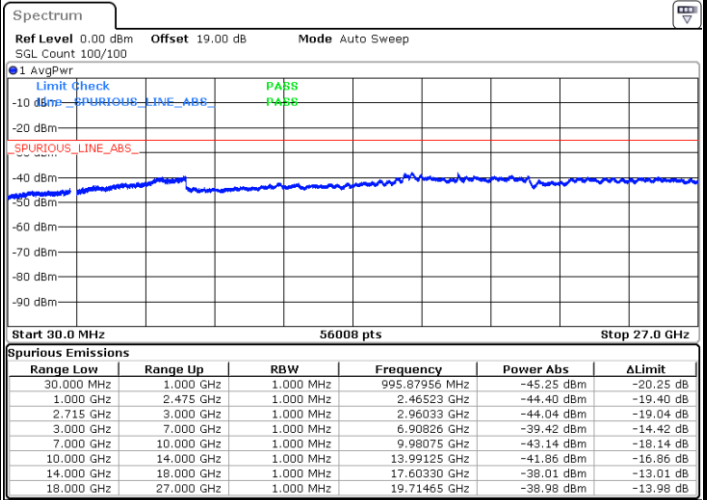
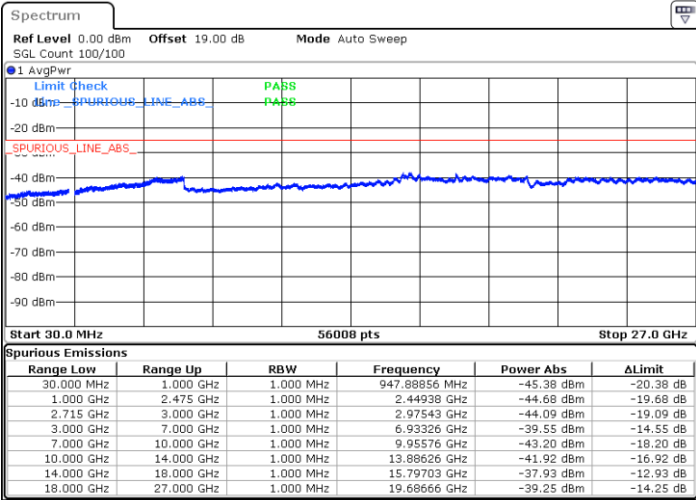


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

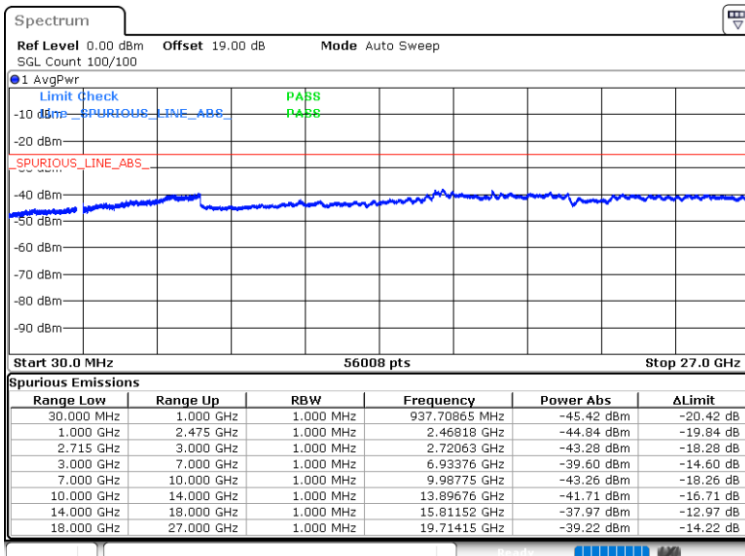
Middle Channel / QPSK



Date: 10.JAN.2024 00:14:46

Date: 10.JAN.2024 00:15:52

Highest Channel / QPSK



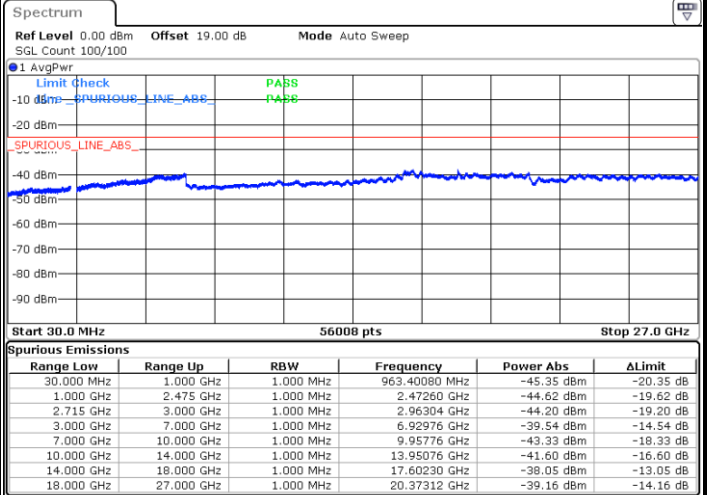
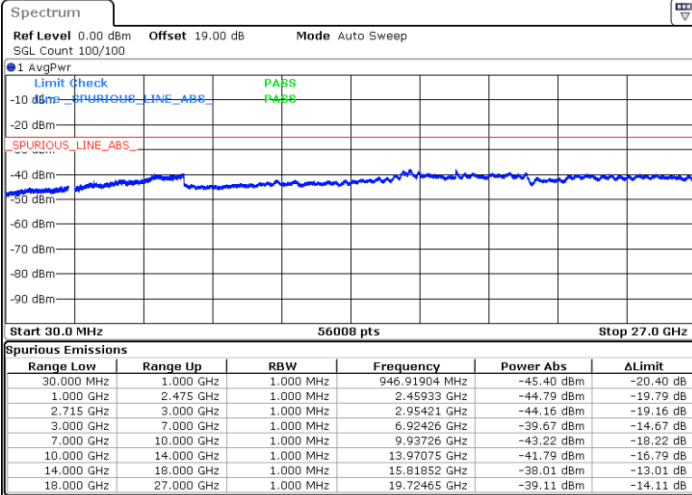
Date: 10.JAN.2024 00:24:42



LTE Band 41 / 10MHz

Lowest Channel / QPSK

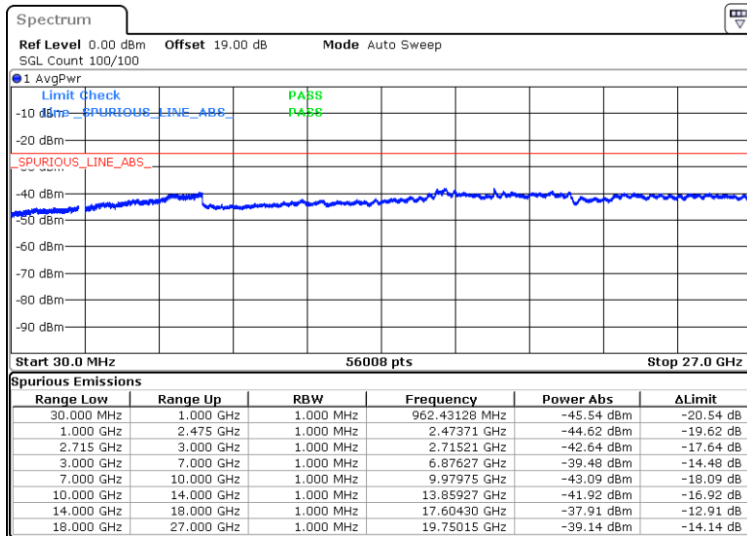
Middle Channel / QPSK



Date: 10.JAN.2024 00:31:44

Date: 10.JAN.2024 00:32:50

Highest Channel / QPSK



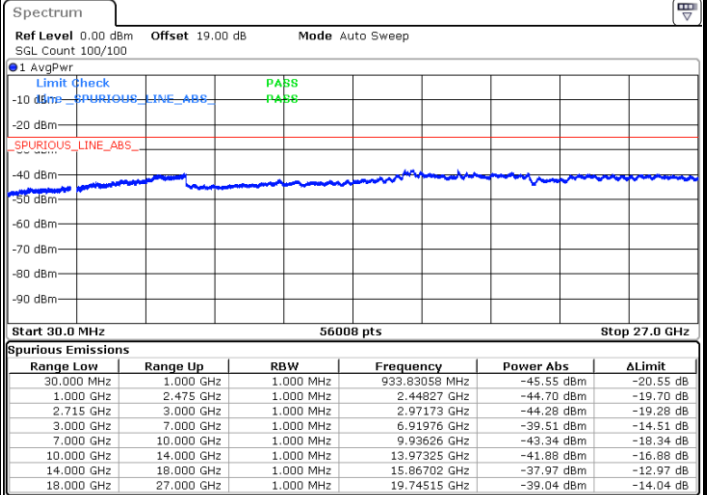
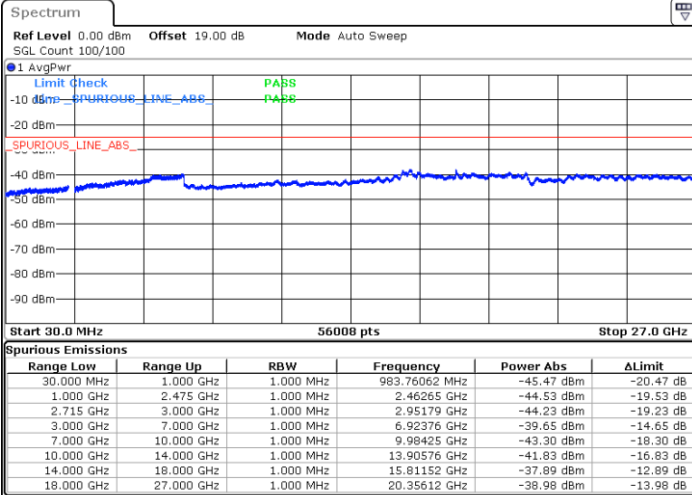
Date: 10.JAN.2024 00:40:24



LTE Band 41 / 15MHz

Lowest Channel / QPSK

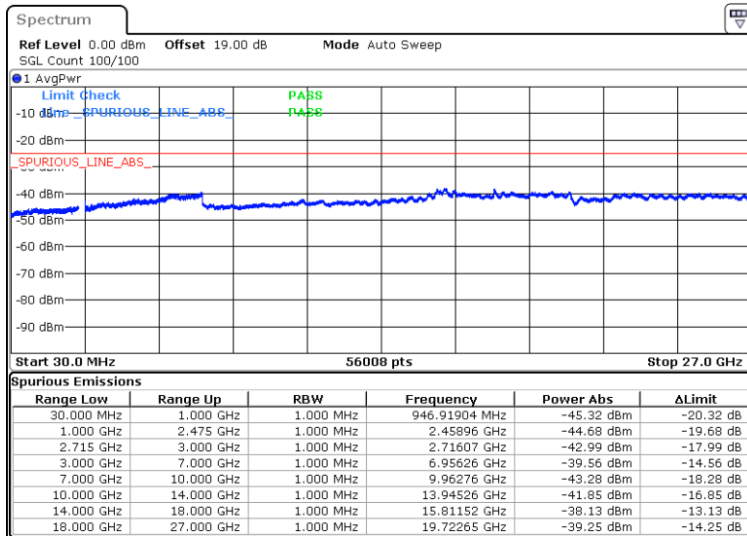
Middle Channel / QPSK



Date: 10. JAN. 2024 00:47:26

Date: 10. JAN. 2024 00:48:32

Highest Channel / QPSK



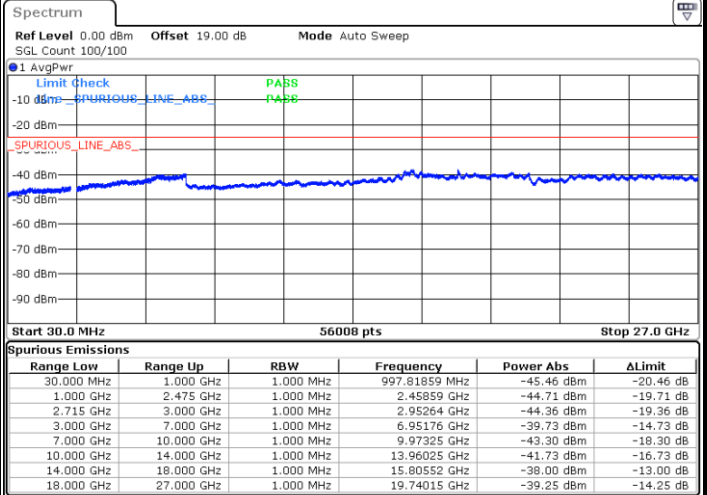
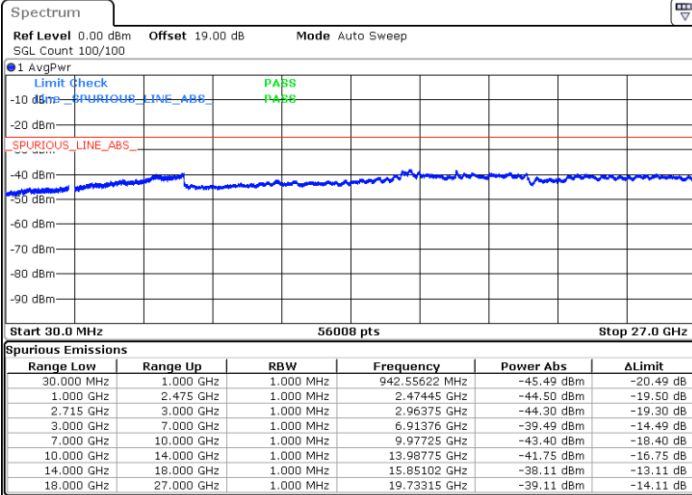
Date: 10. JAN. 2024 00:56:23



LTE Band 41 / 20MHz

Lowest Channel / QPSK

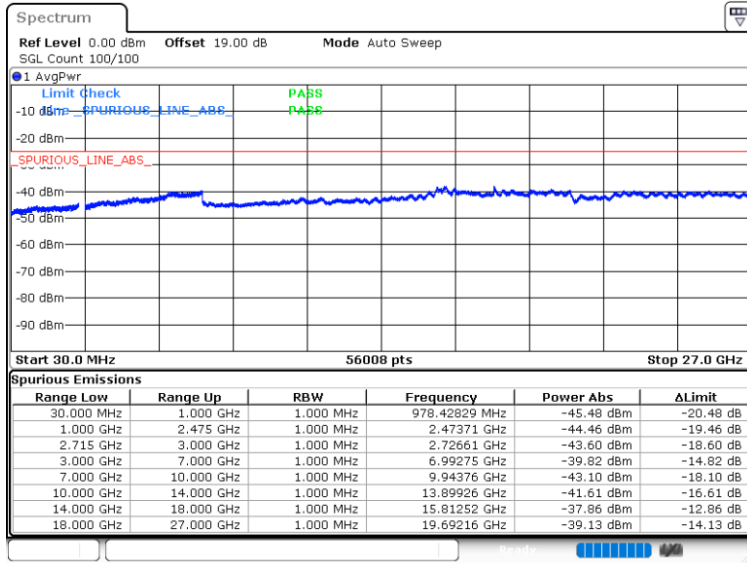
Middle Channel / QPSK



Date: 10.JAN.2024 01:03:25

Date: 10.JAN.2024 01:04:31

Highest Channel / QPSK



Date: 10.JAN.2024 01:13:44



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	0.0020	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

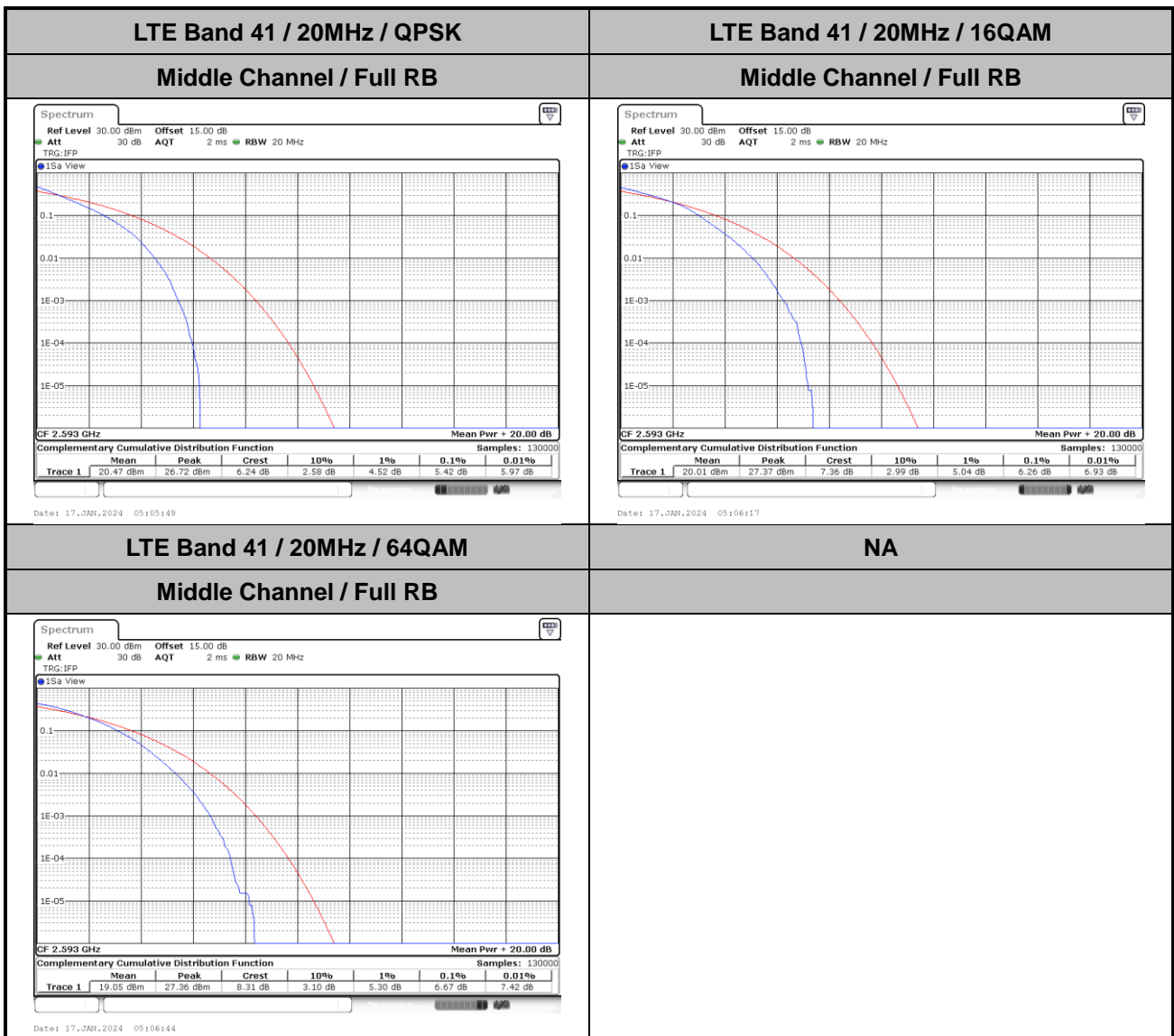
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(Other PA)

Peak-to-Average Ratio

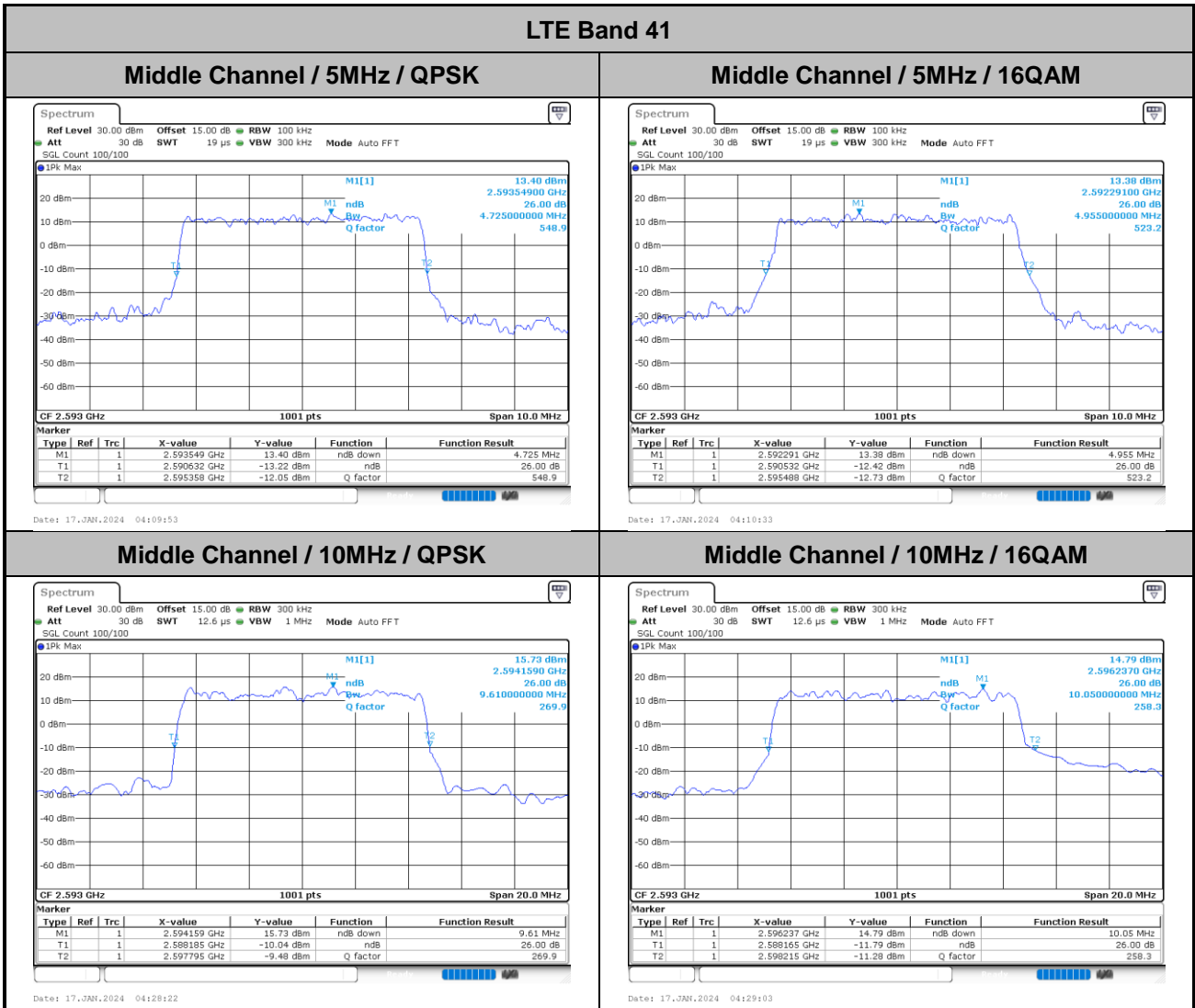
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.42	6.26	6.67	PASS





26dB Bandwidth

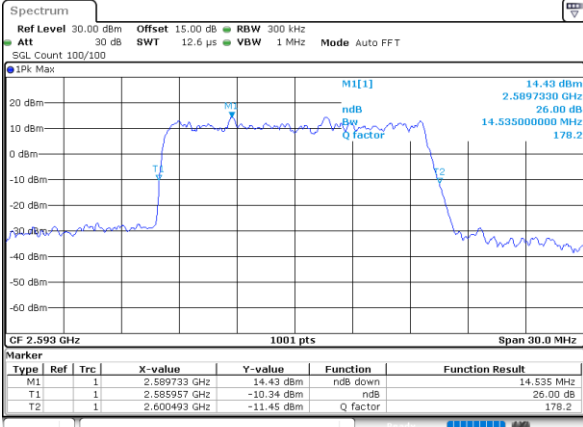
Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.73	4.96	9.61	10.05	14.54	14.51	19.06	19.02





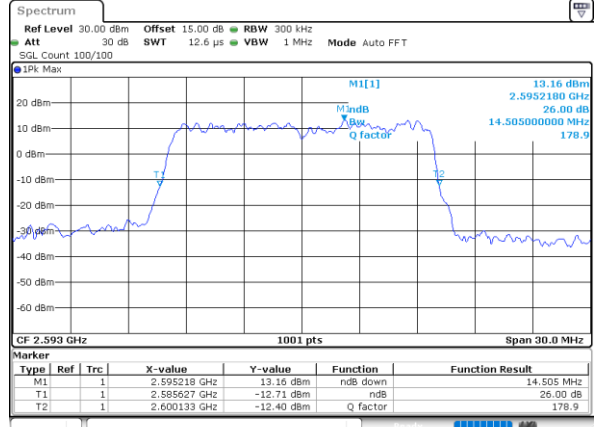
LTE Band 41

Middle Channel / 15MHz / QPSK



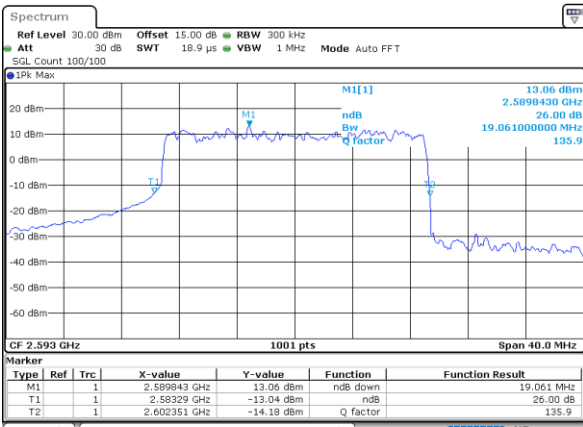
Date: 17_JAN_2024 04:46:32

Middle Channel / 15MHz / 16QAM



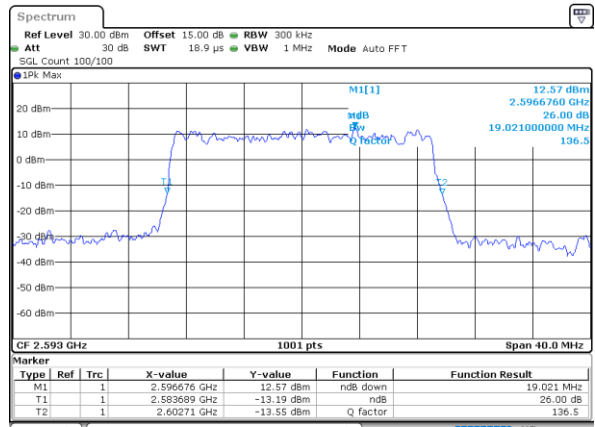
Date: 17_JAN_2024 04:47:12

Middle Channel / 20MHz / QPSK



Date: 17_JAN_2024 05:04:41

Middle Channel / 20MHz / 16QAM

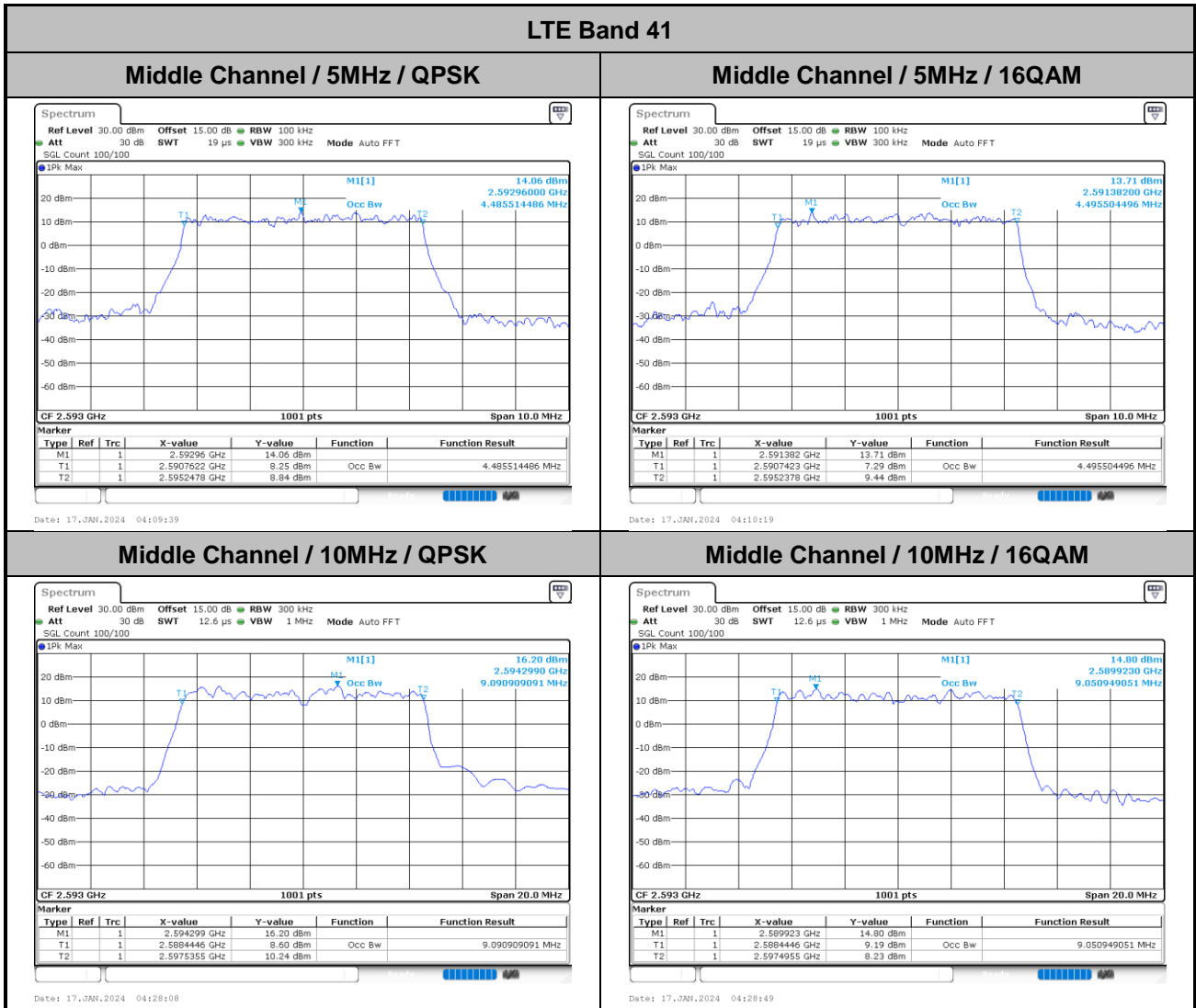


Date: 17_JAN_2024 05:05:21



Occupied Bandwidth

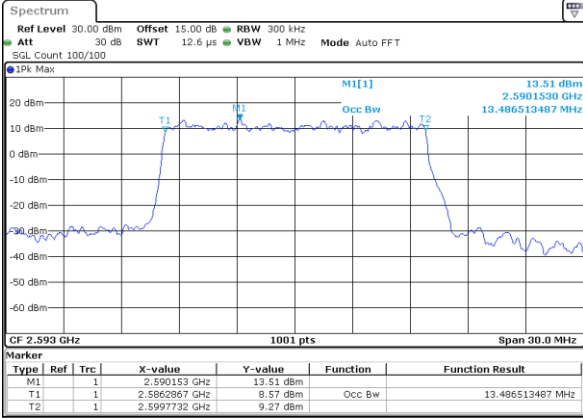
Mode	LTE Band 41 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.50	9.09	9.05	13.49	13.43	17.86	17.94





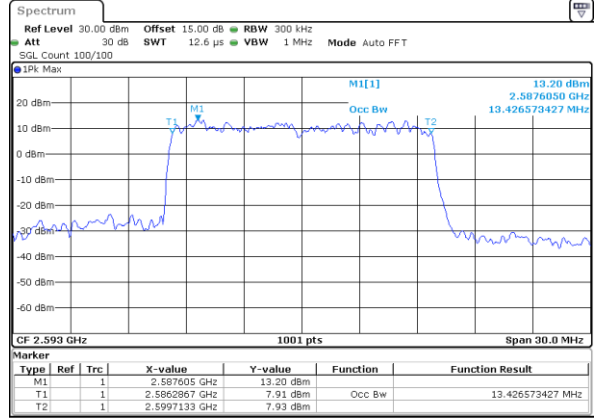
LTE Band 41

Middle Channel / 15MHz / QPSK



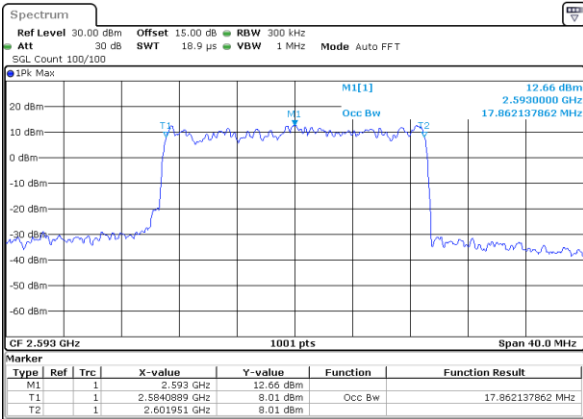
Date: 17_JAN_2024 04:46:18

Middle Channel / 15MHz / 16QAM



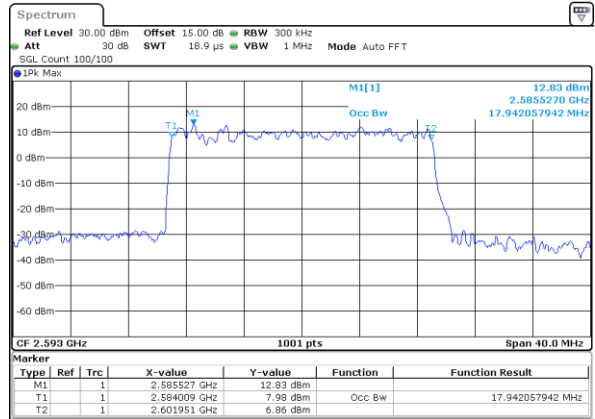
Date: 17_JAN_2024 04:46:58

Middle Channel / 20MHz / QPSK



Date: 17_JAN_2024 05:04:27

Middle Channel / 20MHz / 16QAM



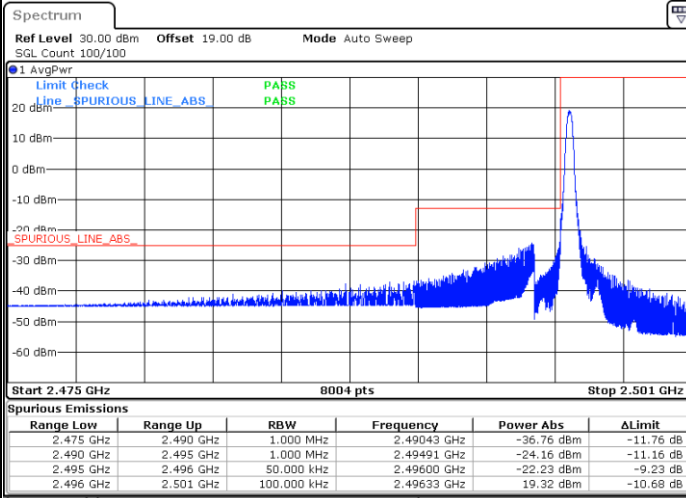
Date: 17_JAN_2024 05:05:08



Conducted Band Edge

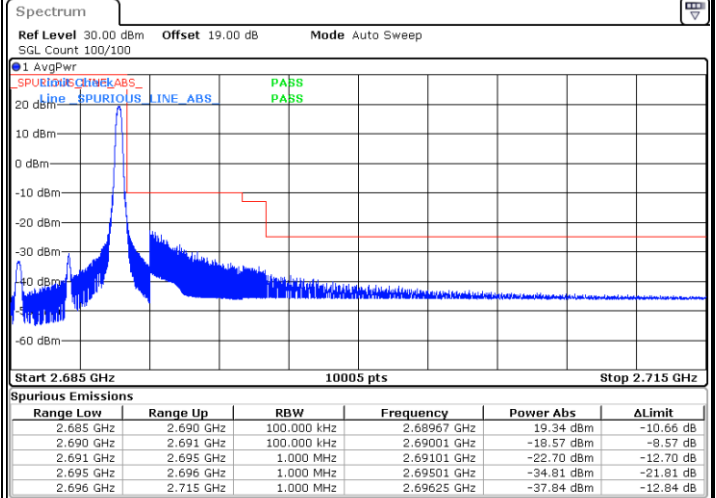
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



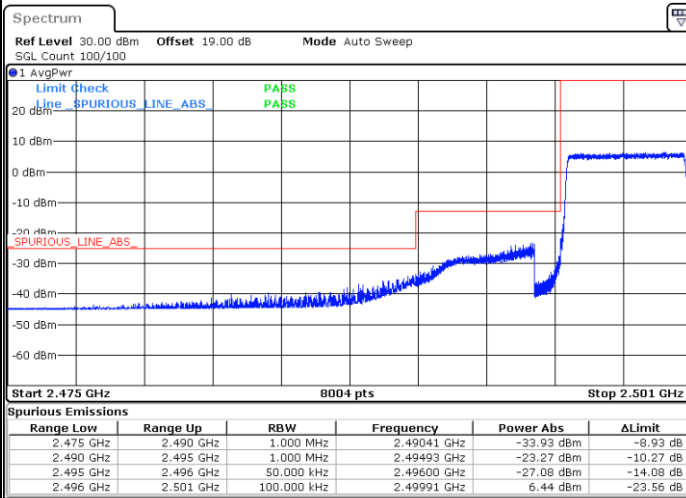
Date: 17.JAN.2024 04:01:37

Highest Band Edge / 1 RB



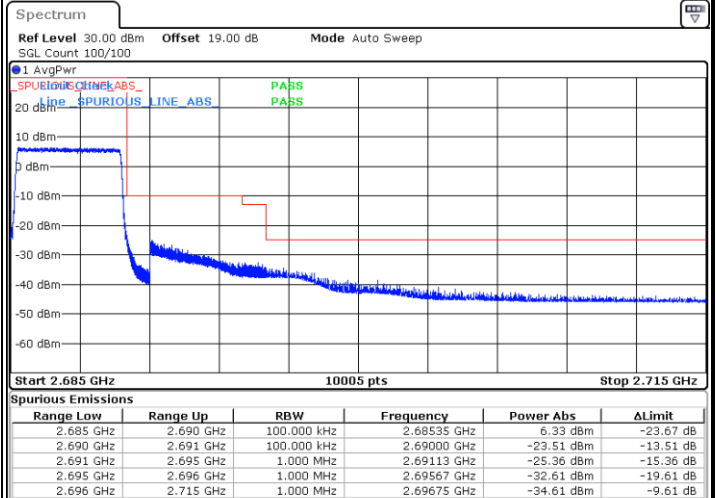
Date: 17.JAN.2024 04:11:37

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:06:50

Highest Band Edge / Full RB

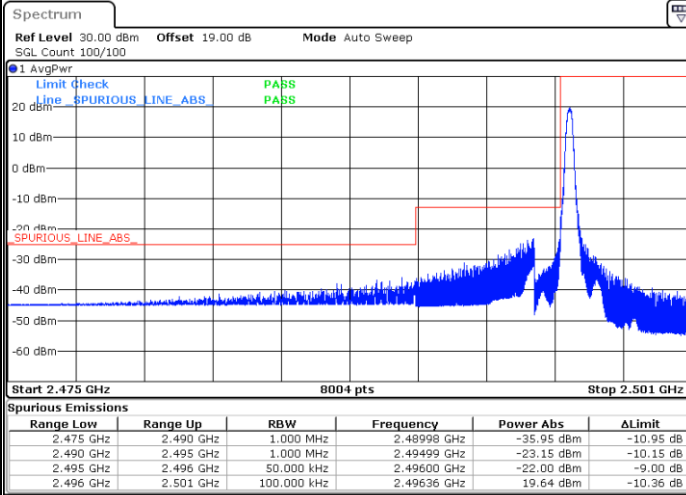


Date: 17.JAN.2024 04:17:04



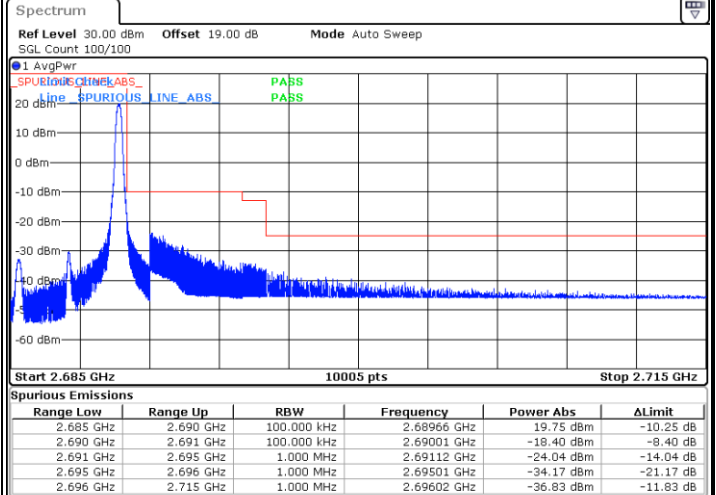
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



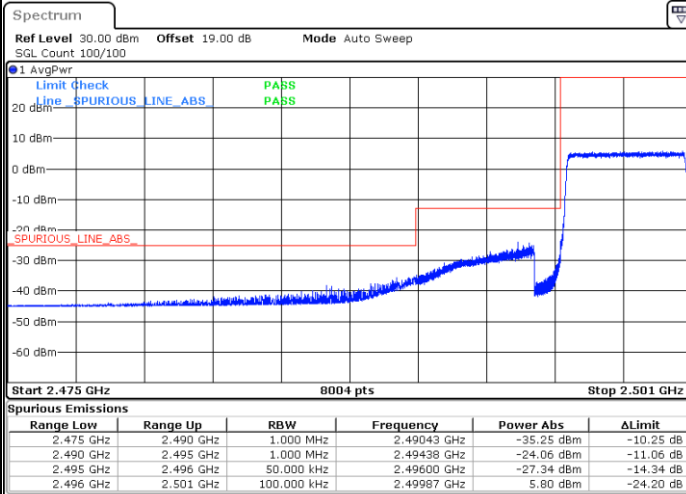
Date: 17.JAN.2024 04:02:40

Highest Band Edge / 1 RB



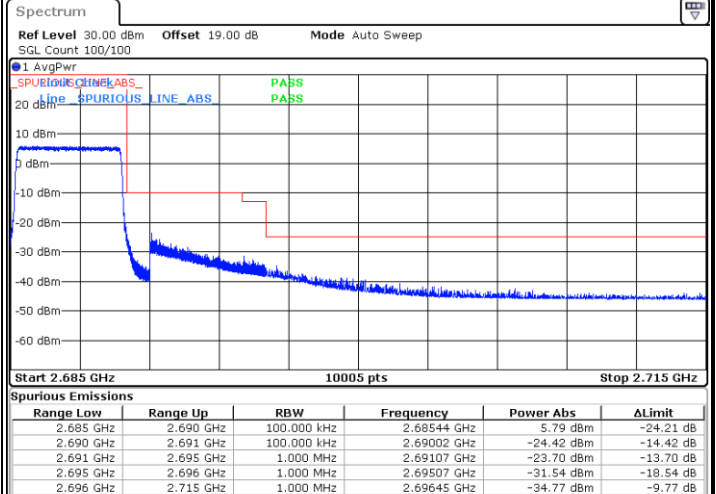
Date: 17.JAN.2024 04:12:41

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:05:48

Highest Band Edge / Full RB

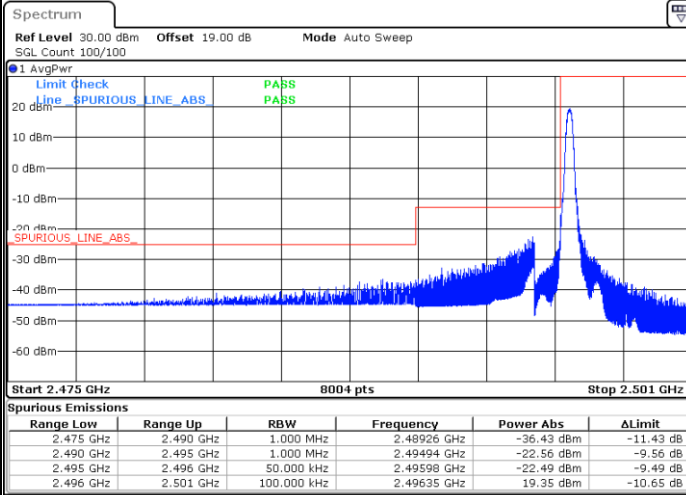


Date: 17.JAN.2024 04:15:59



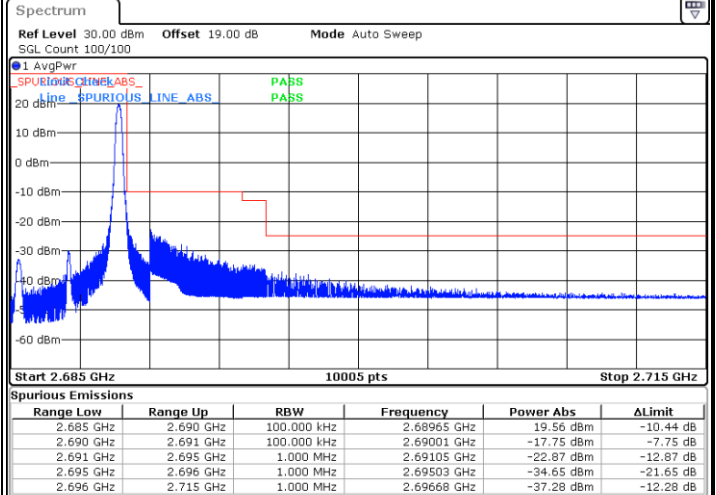
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



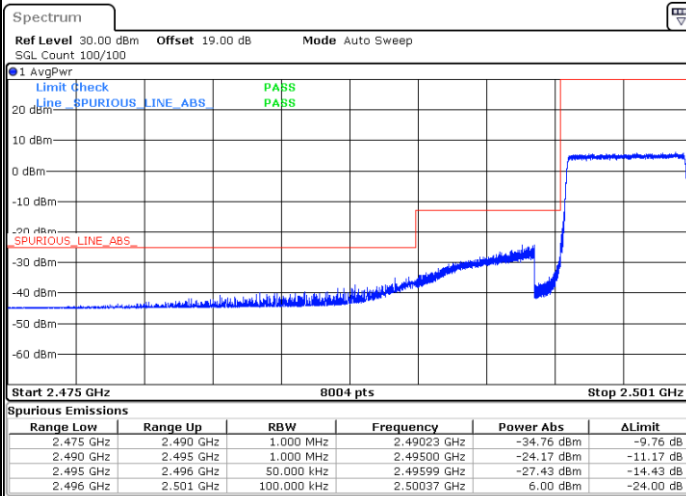
Date: 17.JAN.2024 04:03:43

Highest Band Edge / 1 RB



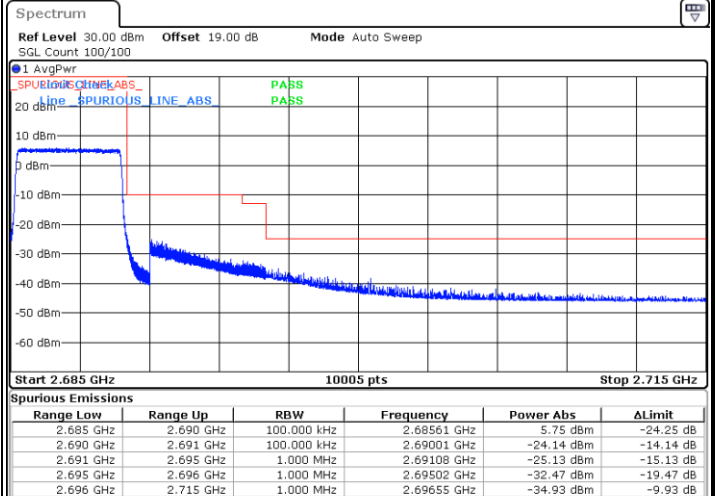
Date: 17.JAN.2024 04:13:46

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:04:45

Highest Band Edge / Full RB

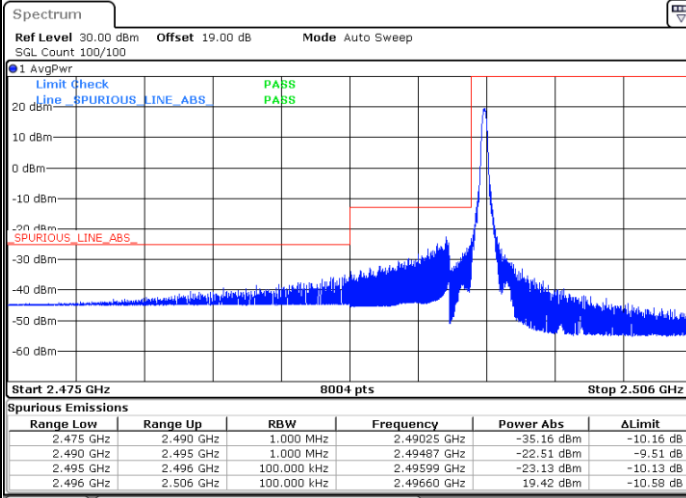


Date: 17.JAN.2024 04:14:51



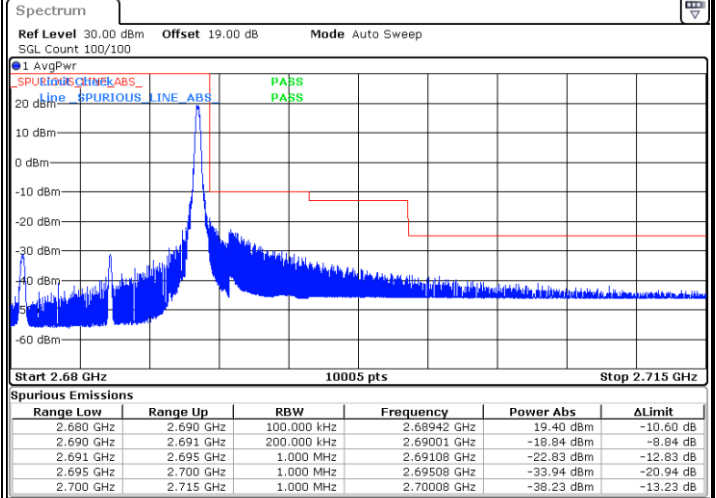
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



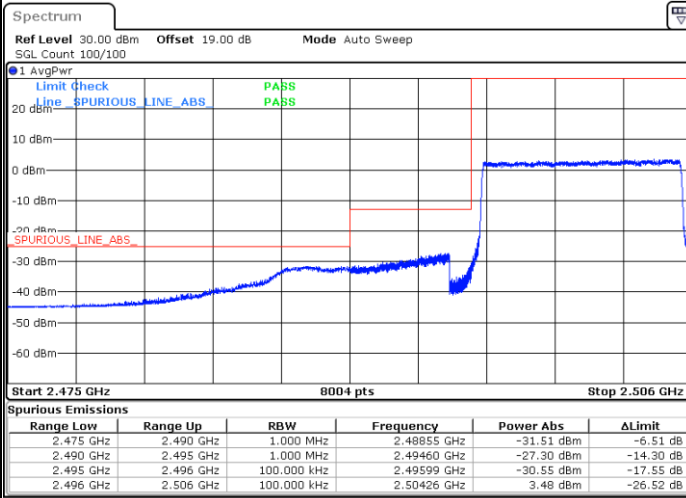
Date: 17.JAN.2024 04:20:06

Highest Band Edge / 1 RB



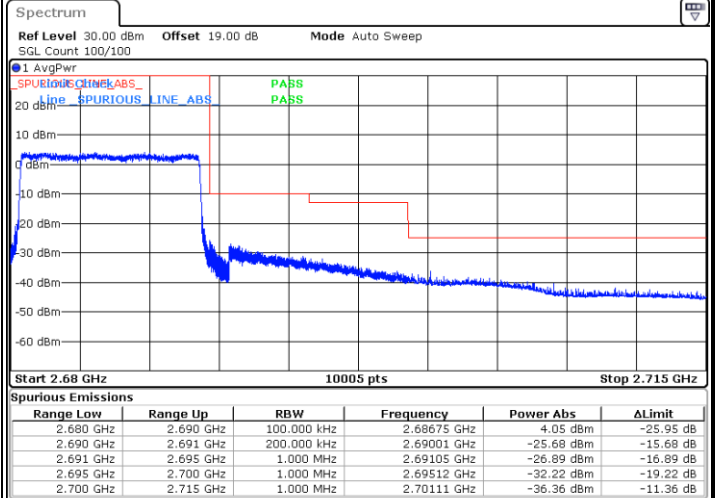
Date: 17.JAN.2024 04:30:03

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:25:18

Highest Band Edge / Full RB

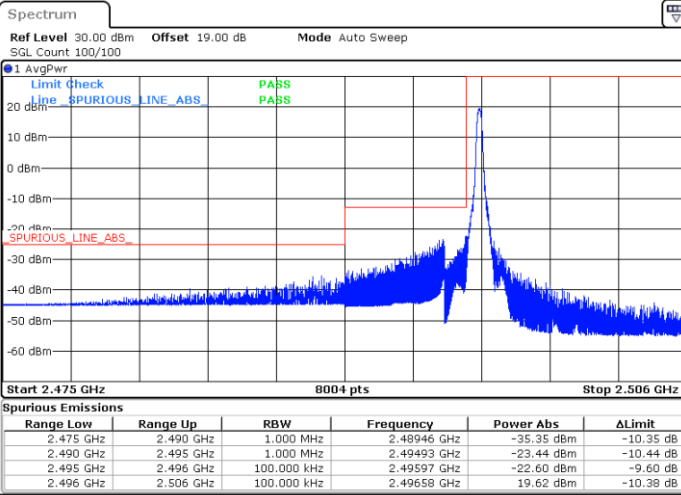


Date: 17.JAN.2024 04:35:15



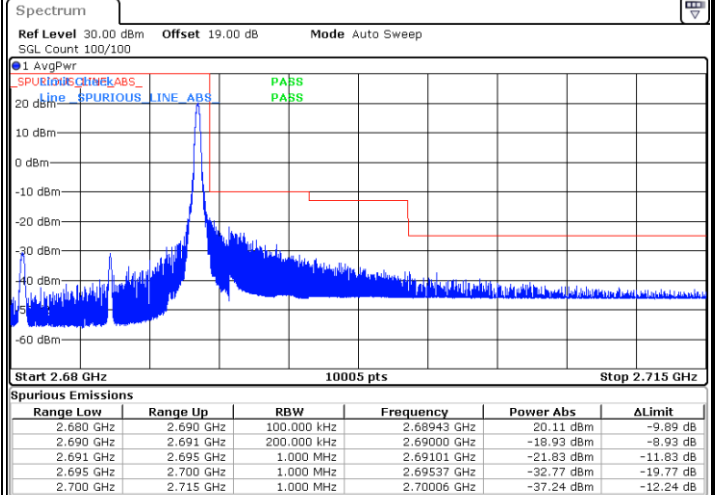
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



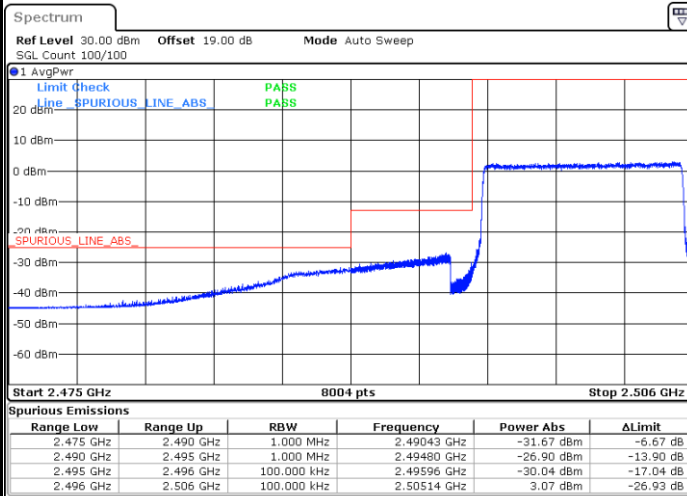
Date: 17.JAN.2024 04:21:08

Highest Band Edge / 1 RB



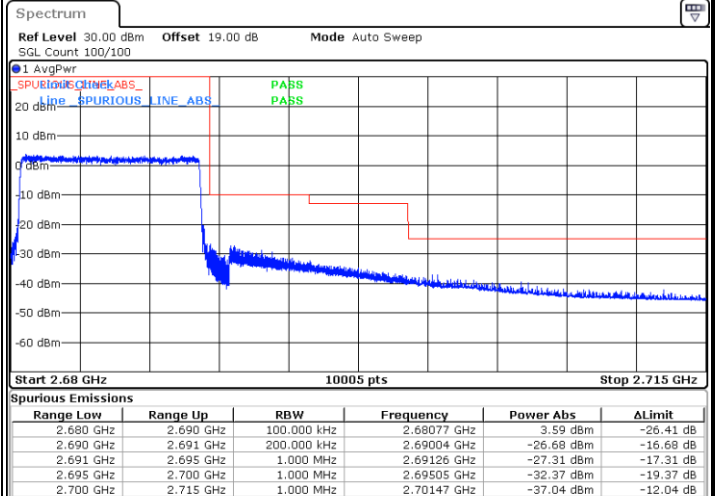
Date: 17.JAN.2024 04:31:05

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:24:15

Highest Band Edge / Full RB

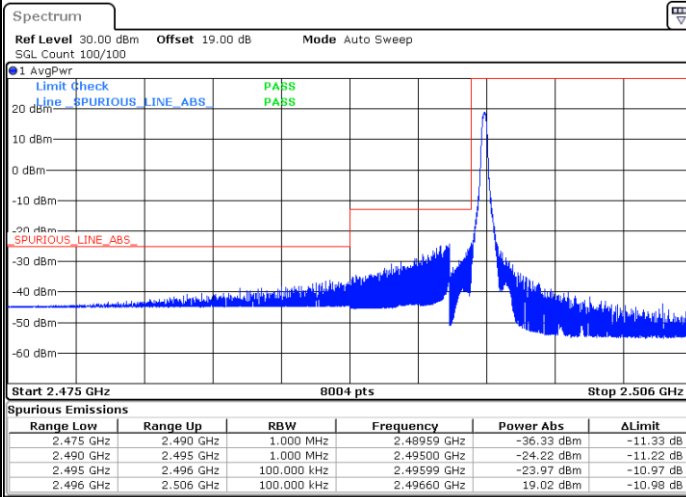


Date: 17.JAN.2024 04:34:13



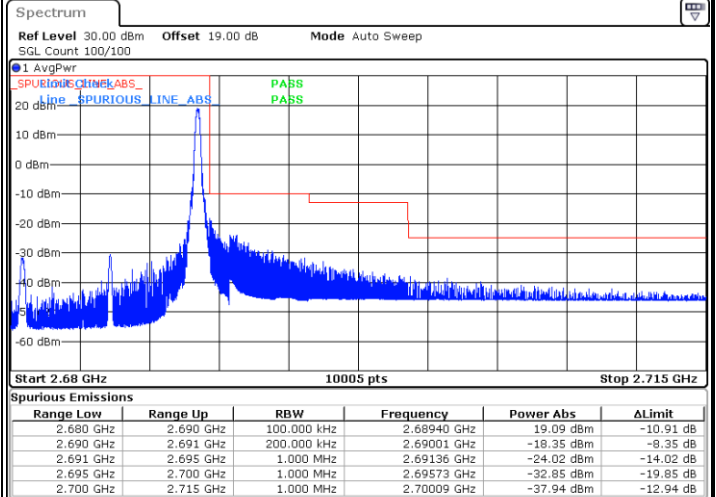
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



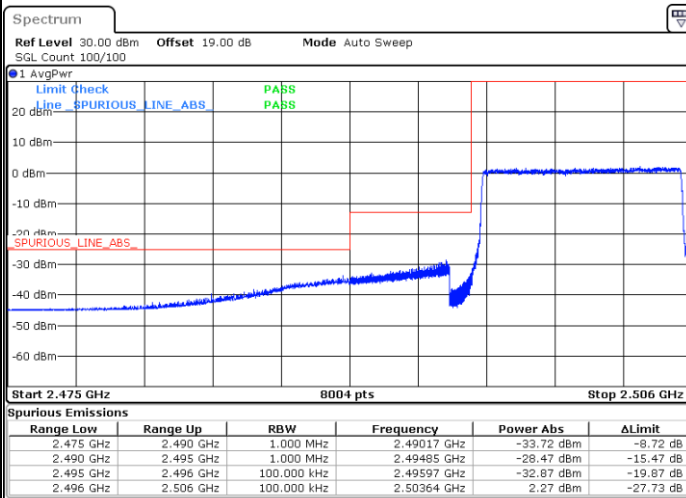
Date: 17.JAN.2024 04:22:11

Highest Band Edge / 1 RB



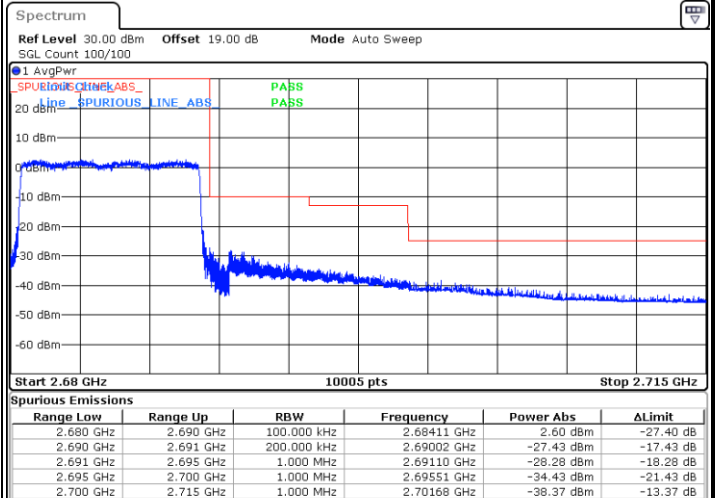
Date: 17.JAN.2024 04:32:07

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:23:13

Highest Band Edge / Full RB

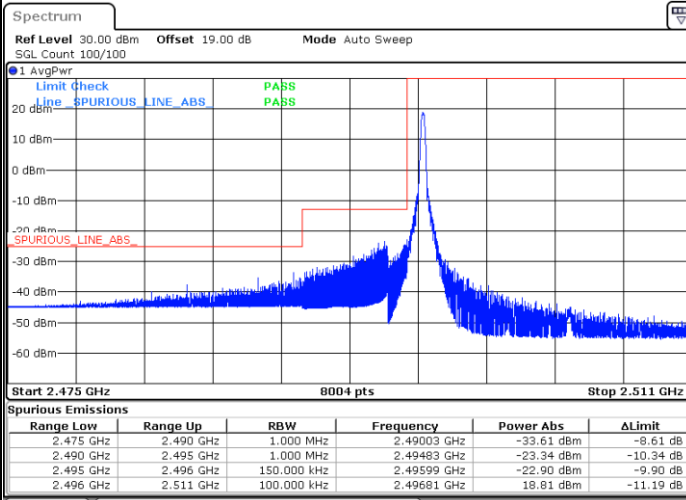


Date: 17.JAN.2024 04:33:09



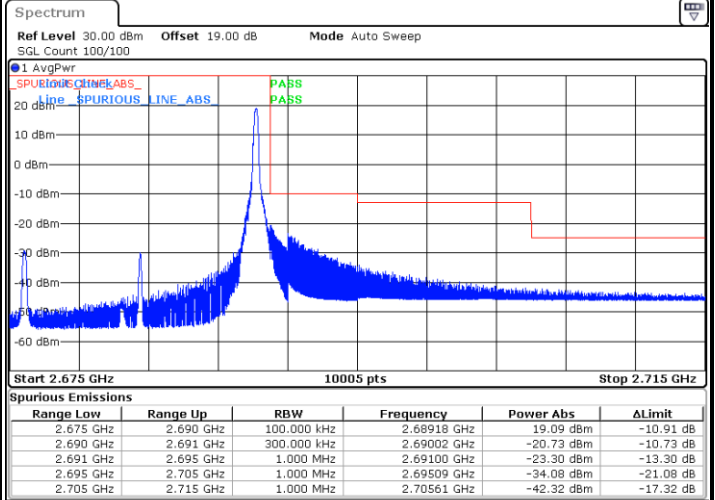
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



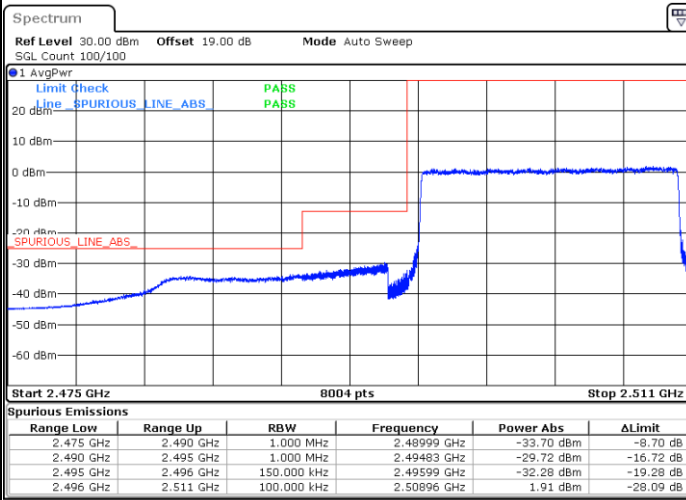
Date: 17.JAN.2024 04:38:17

Highest Band Edge / 1 RB



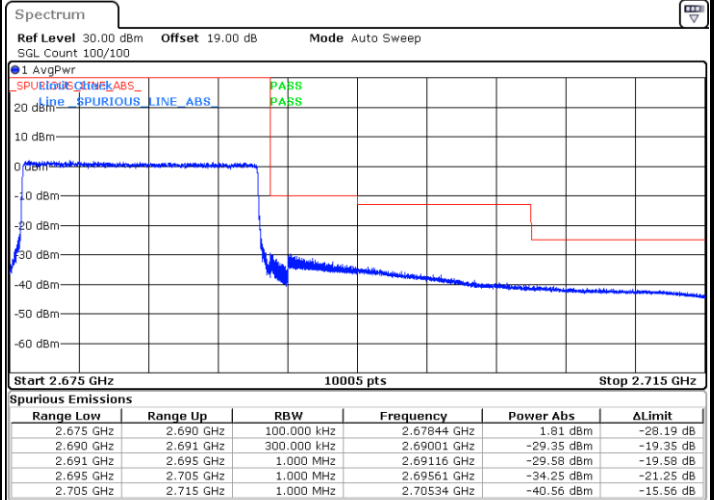
Date: 17.JAN.2024 04:48:13

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:43:28

Highest Band Edge / Full RB



Date: 17.JAN.2024 04:53:23