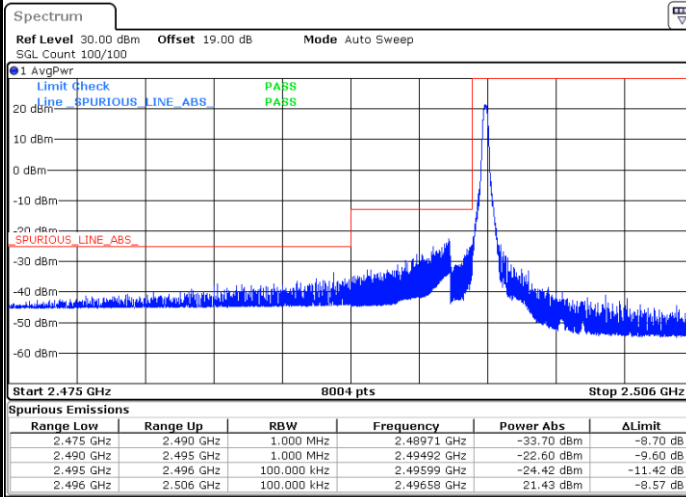




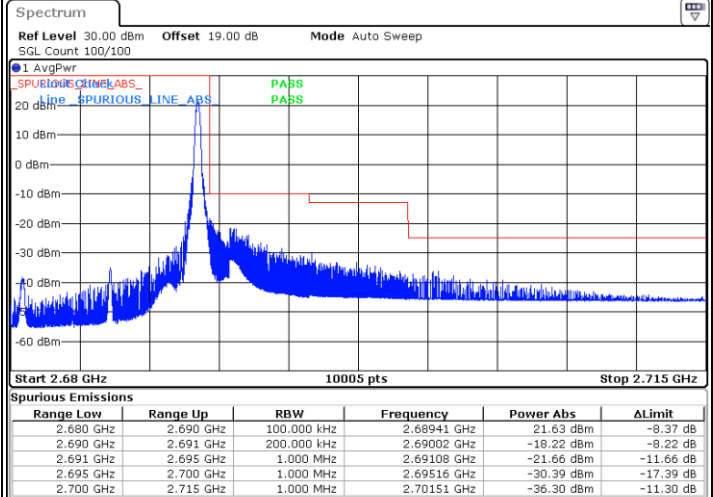
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



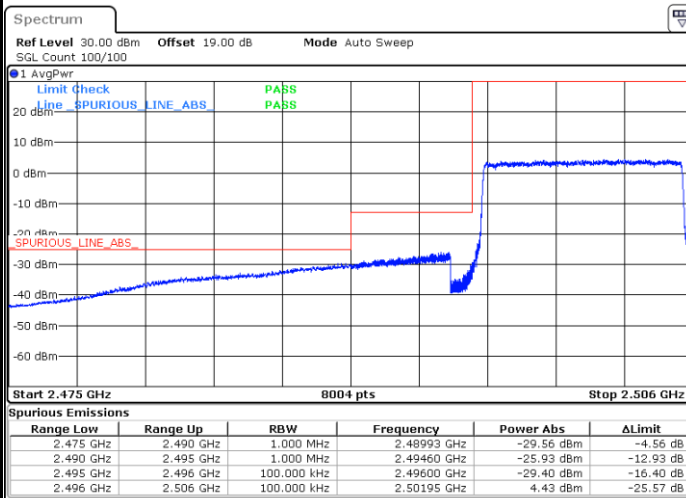
Date: 6.MAR.2024 14:41:37

Highest Band Edge / 1 RB



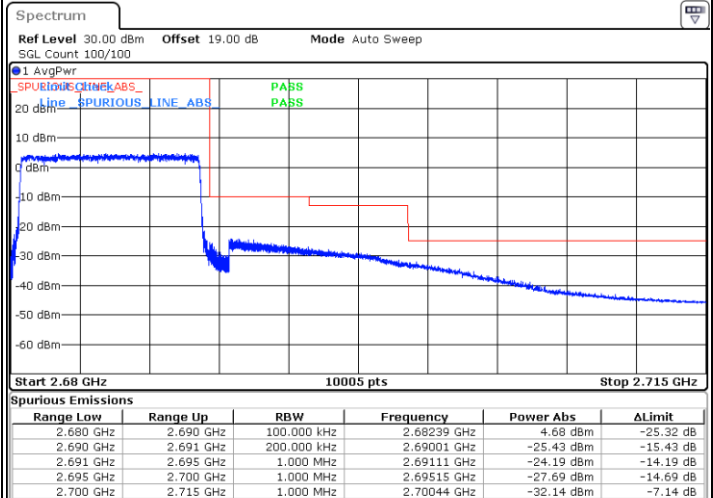
Date: 6.MAR.2024 14:51:24

Lowest Band Edge / Full RB



Date: 6.MAR.2024 14:42:38

Highest Band Edge / Full RB

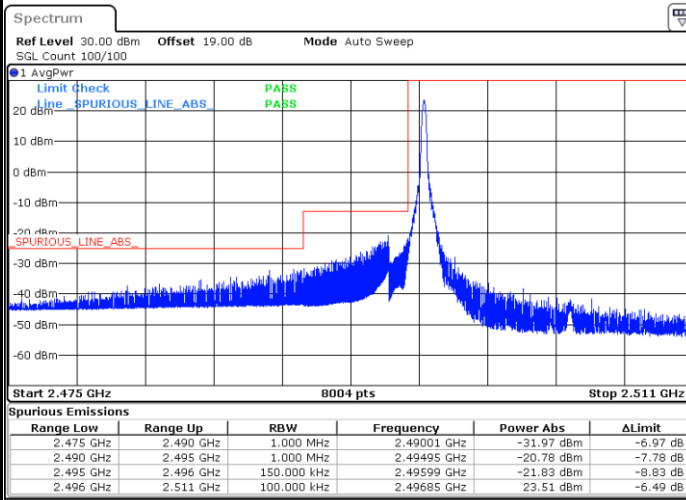


Date: 6.MAR.2024 14:52:25

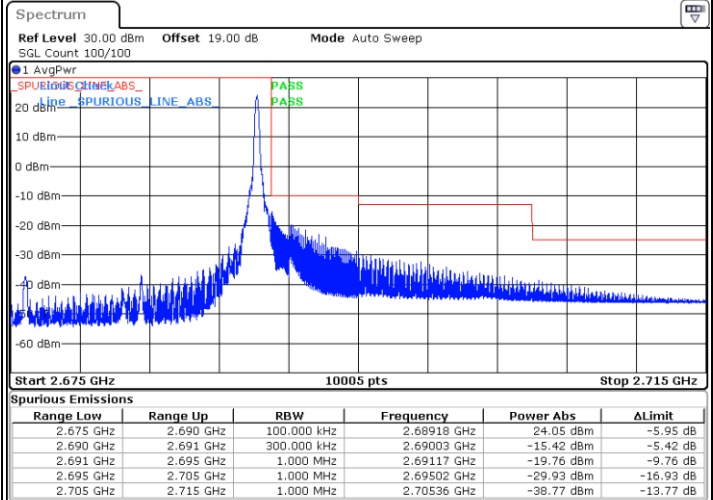


LTE Band 41 / 15MHz / QPSK

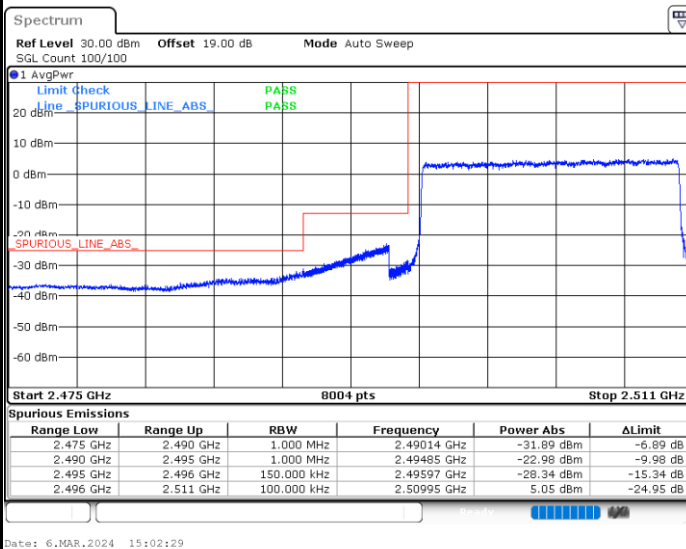
Lowest Band Edge / 1 RB



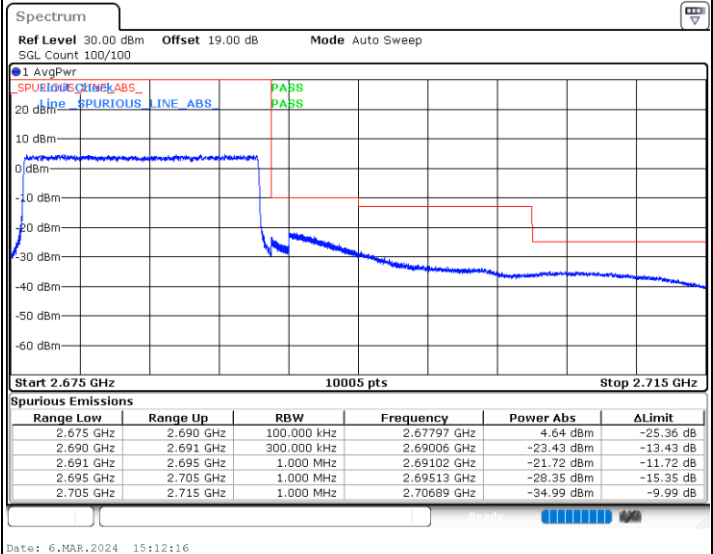
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



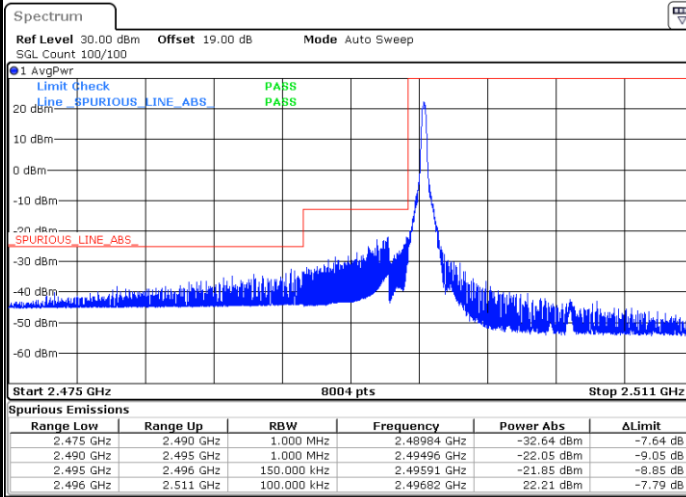
Highest Band Edge / Full RB





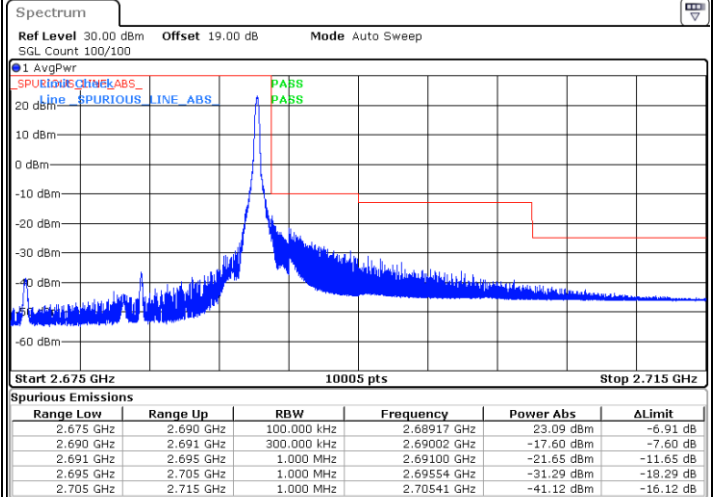
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



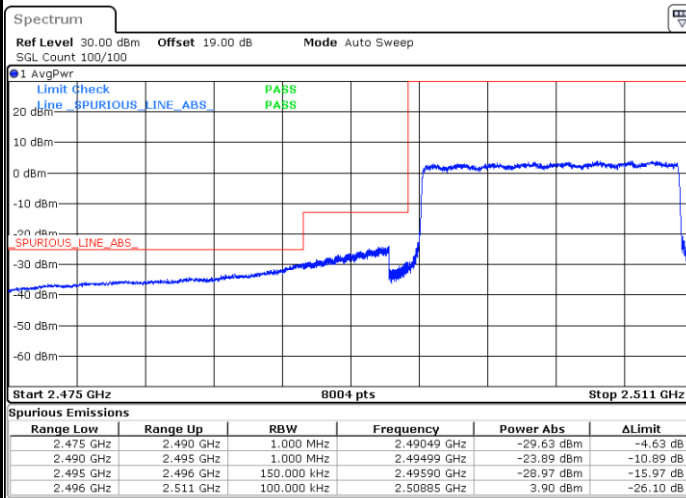
Date: 6.MAR.2024 14:58:23

Highest Band Edge / 1 RB



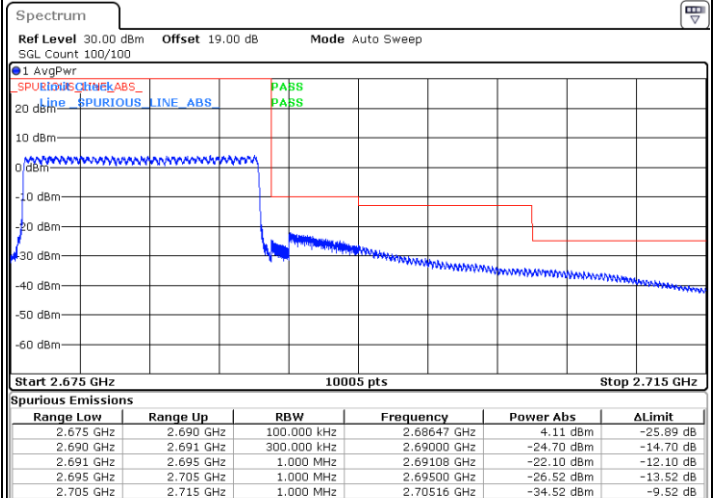
Date: 6.MAR.2024 15:08:11

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:01:27

Highest Band Edge / Full RB

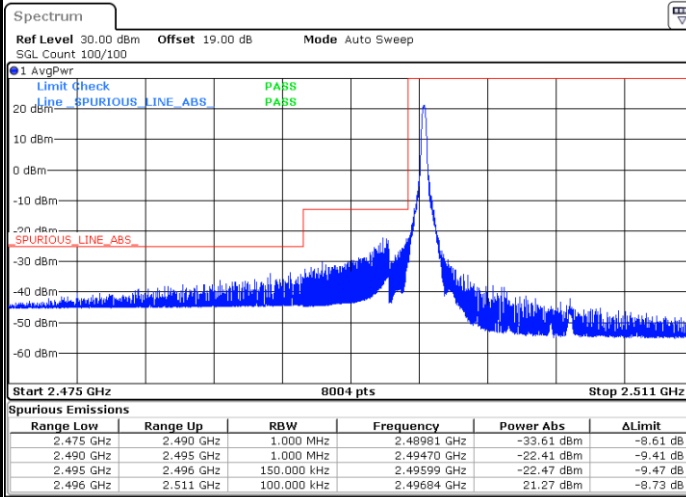


Date: 6.MAR.2024 15:11:14



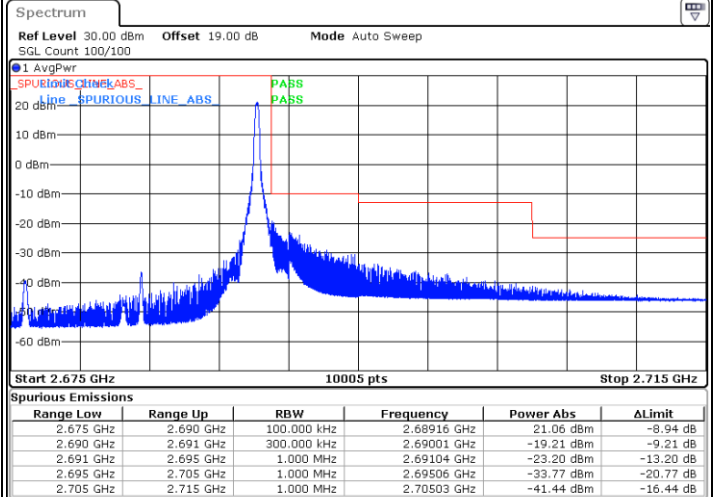
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



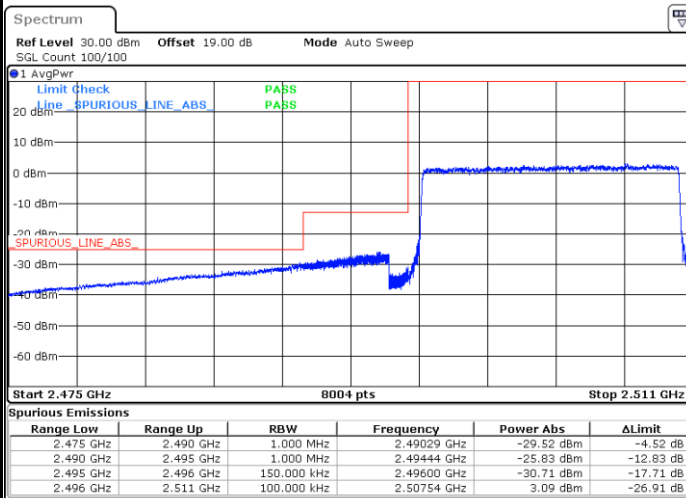
Date: 6.MAR.2024 14:59:24

Highest Band Edge / 1 RB



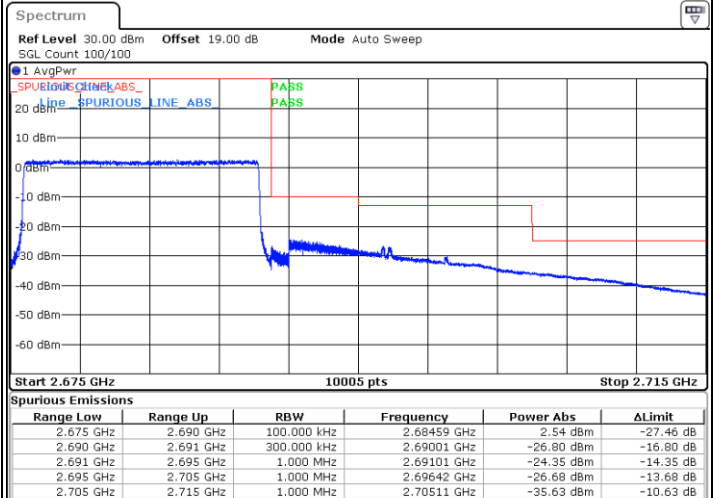
Date: 6.MAR.2024 15:09:12

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:00:26

Highest Band Edge / Full RB

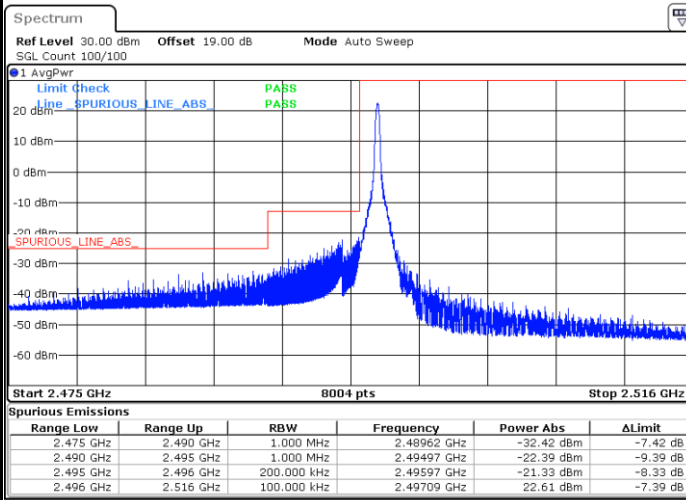


Date: 6.MAR.2024 15:10:13

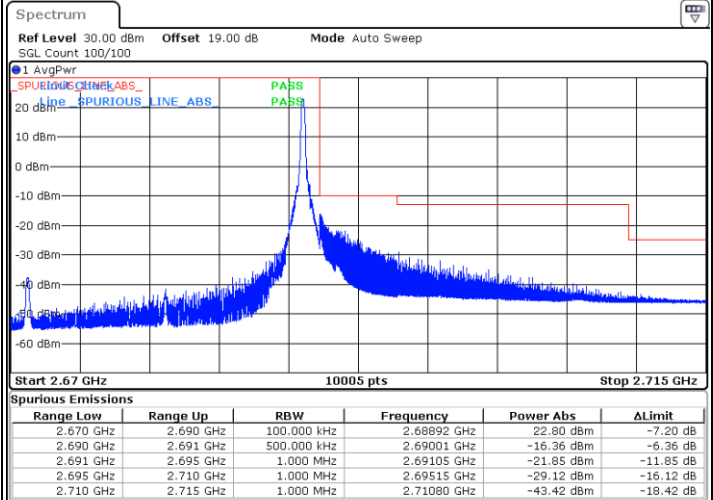


LTE Band 41 / 20MHz / QPSK

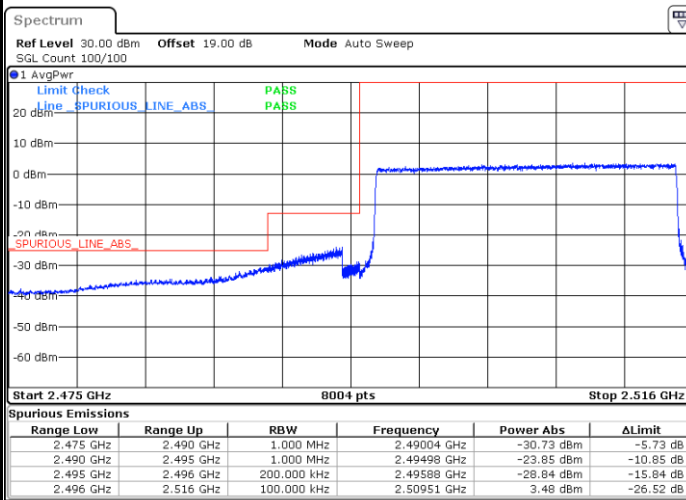
Lowest Band Edge / 1 RB



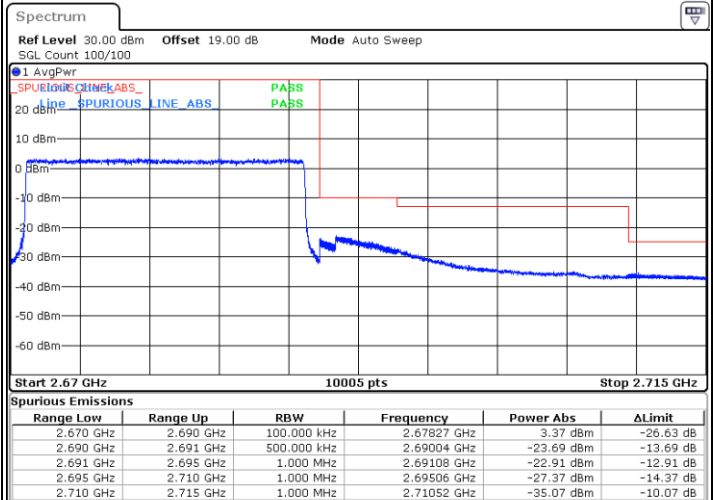
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



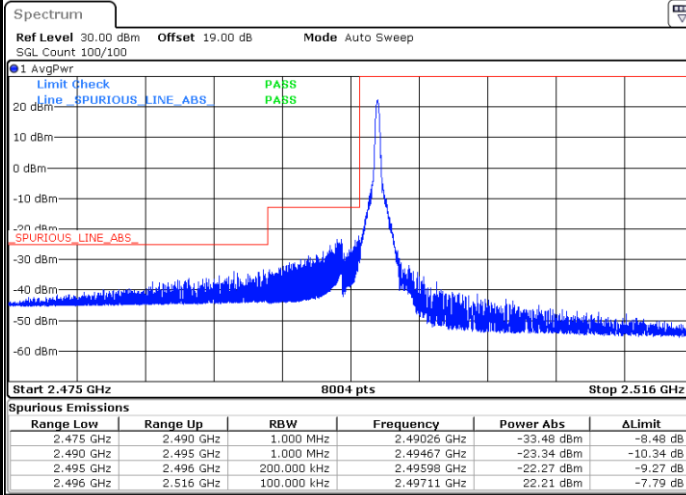
Highest Band Edge / Full RB





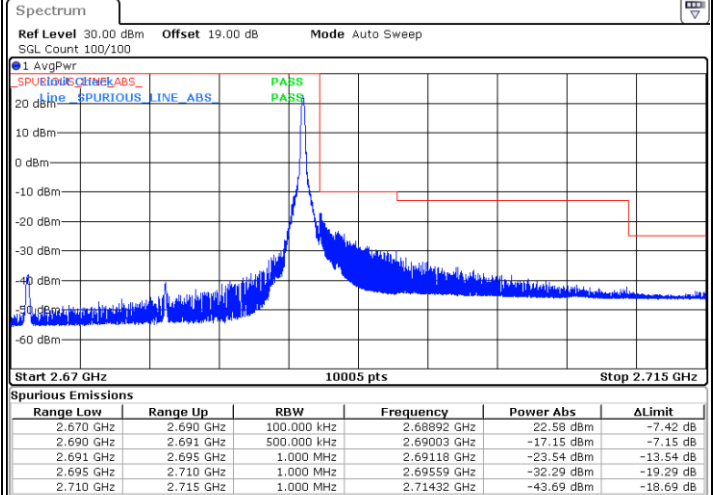
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



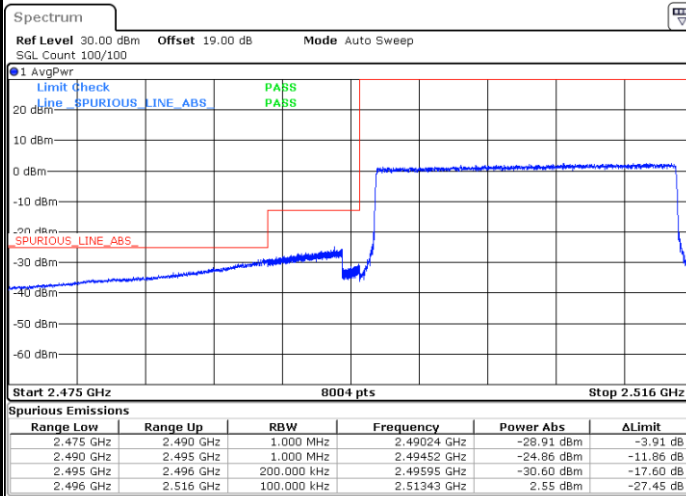
Date: 6.MAR.2024 15:16:12

Highest Band Edge / 1 RB



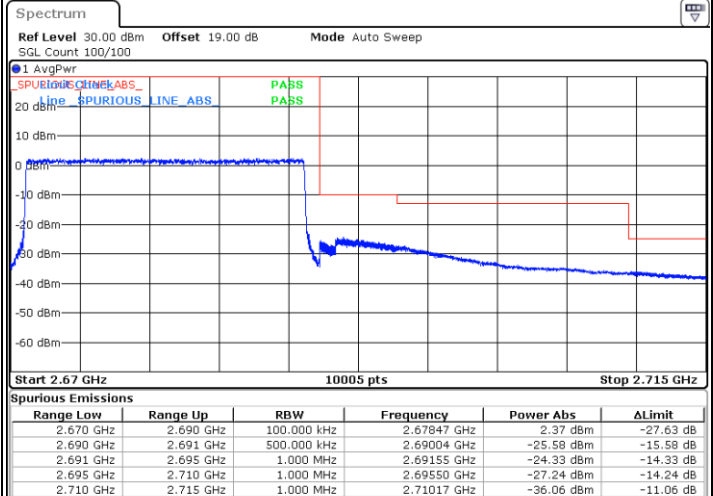
Date: 6.MAR.2024 15:27:20

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:19:16

Highest Band Edge / Full RB

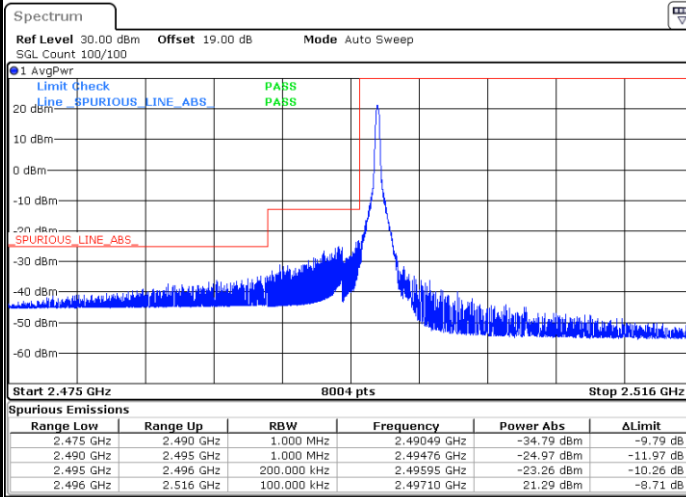


Date: 6.MAR.2024 15:30:23



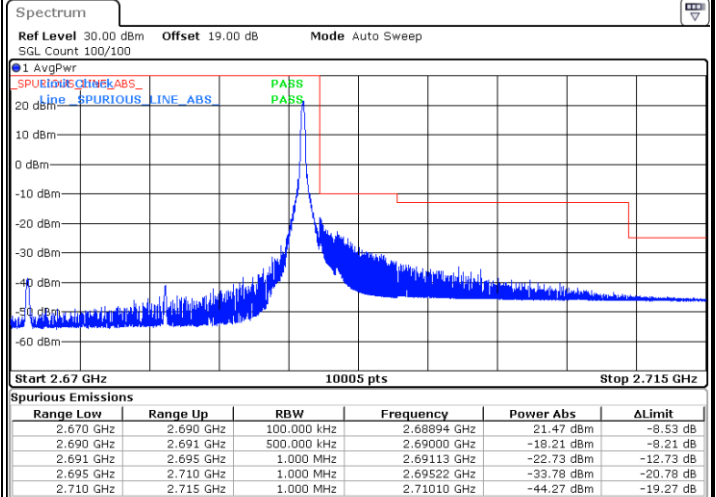
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



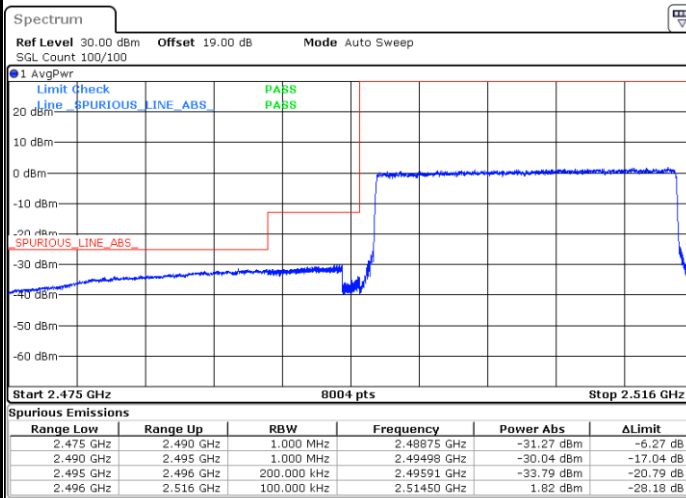
Date: 6.MAR.2024 15:17:13

Highest Band Edge / 1 RB



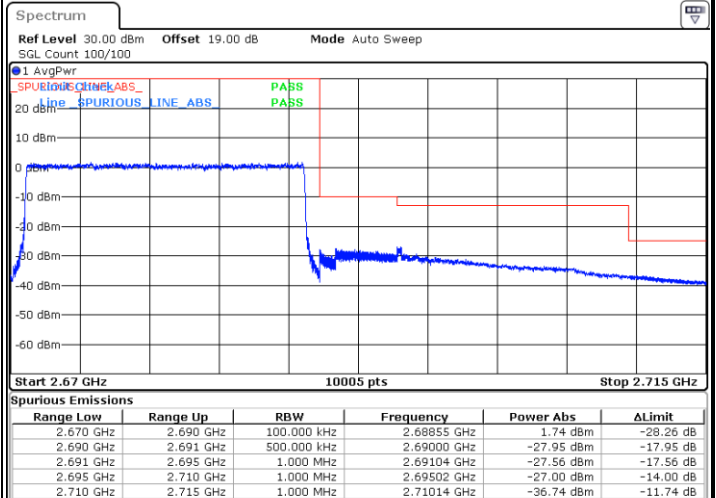
Date: 6.MAR.2024 15:28:21

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:18:15

Highest Band Edge / Full RB



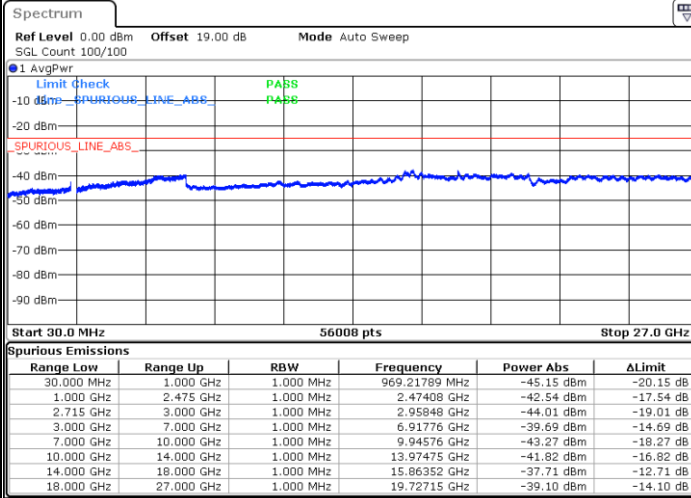
Date: 6.MAR.2024 15:29:22



Conducted Spurious Emission

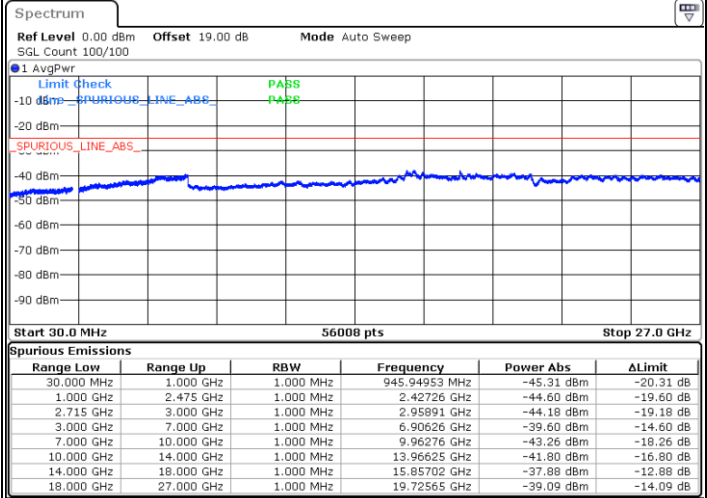
LTE Band 41 / 5MHz

Lowest Channel / QPSK



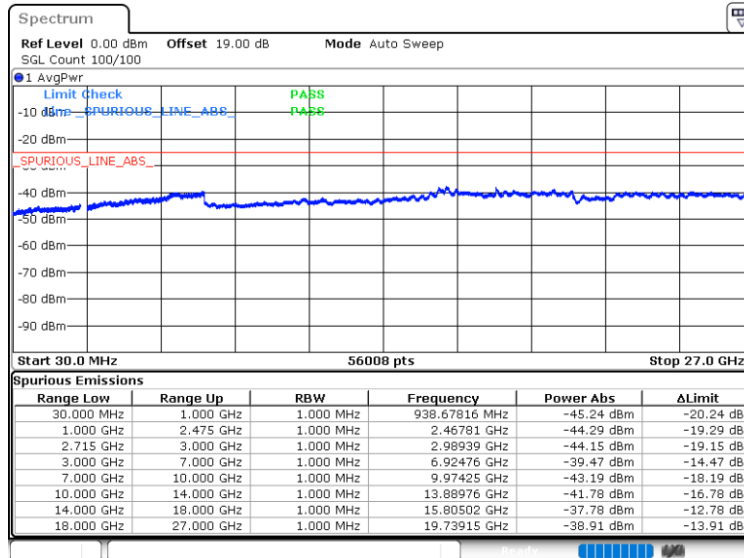
Date: 6.MAR.2024 14:27:35

Middle Channel / QPSK



Date: 6.MAR.2024 14:28:45

Highest Channel / QPSK

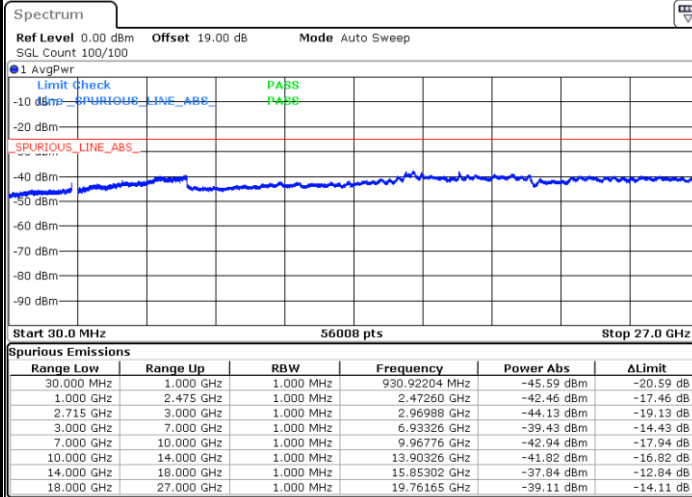


Date: 6.MAR.2024 14:37:49



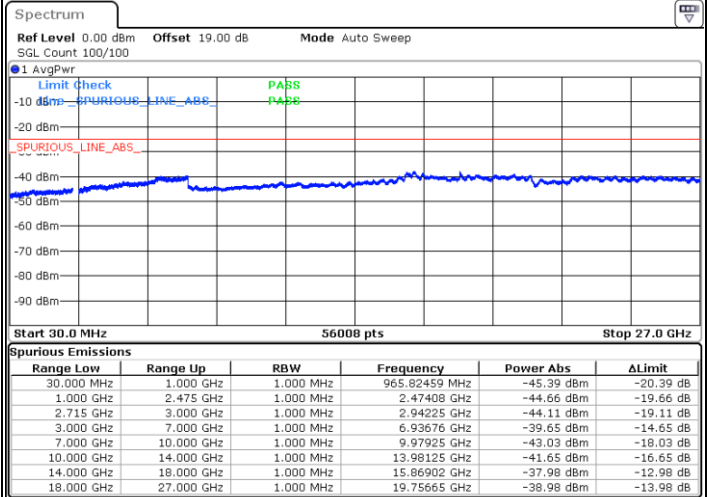
LTE Band 41 / 10MHz

Lowest Channel / QPSK



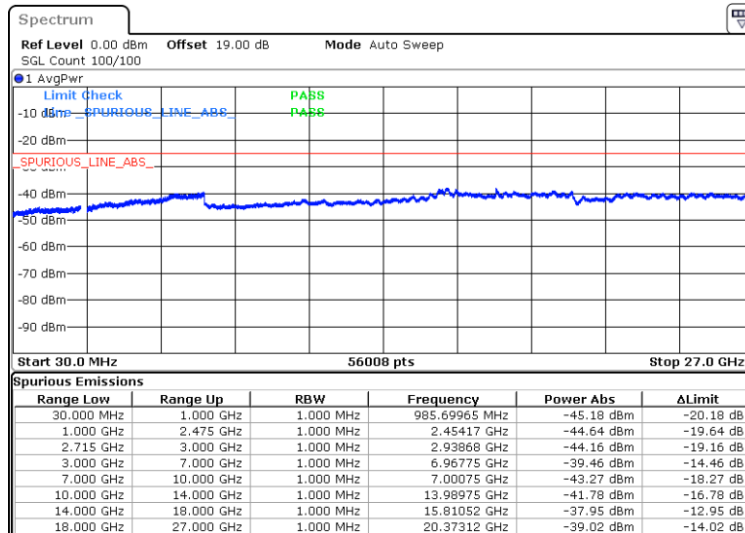
Date: 6.MAR.2024 14:45:52

Middle Channel / QPSK



Date: 6.MAR.2024 14:47:02

Highest Channel / QPSK

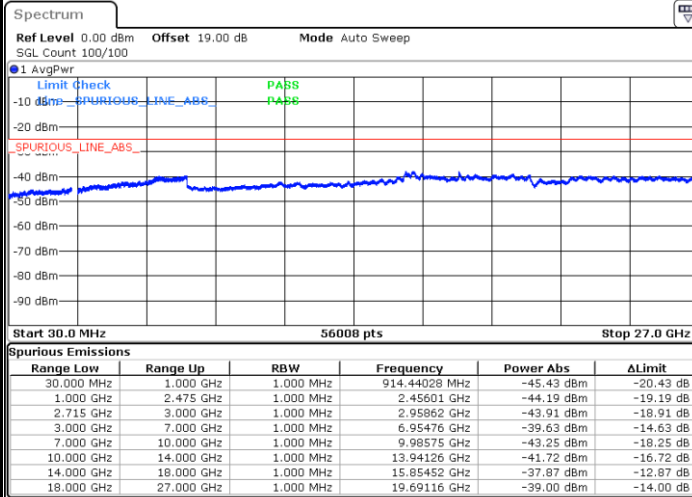


Date: 6.MAR.2024 14:55:38



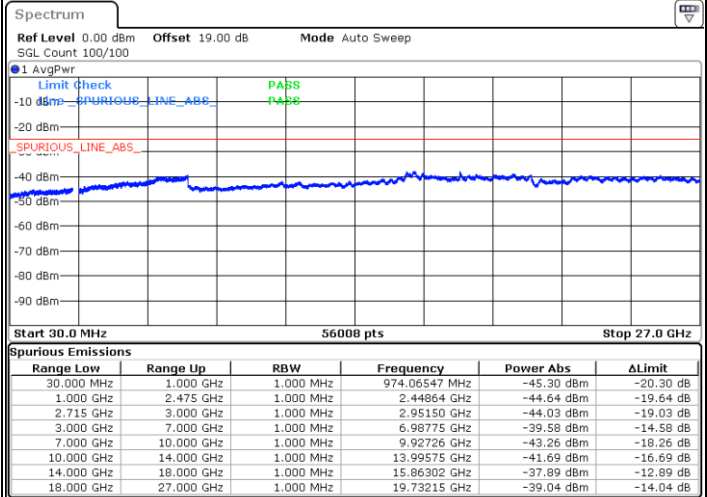
LTE Band 41 / 15MHz

Lowest Channel / QPSK



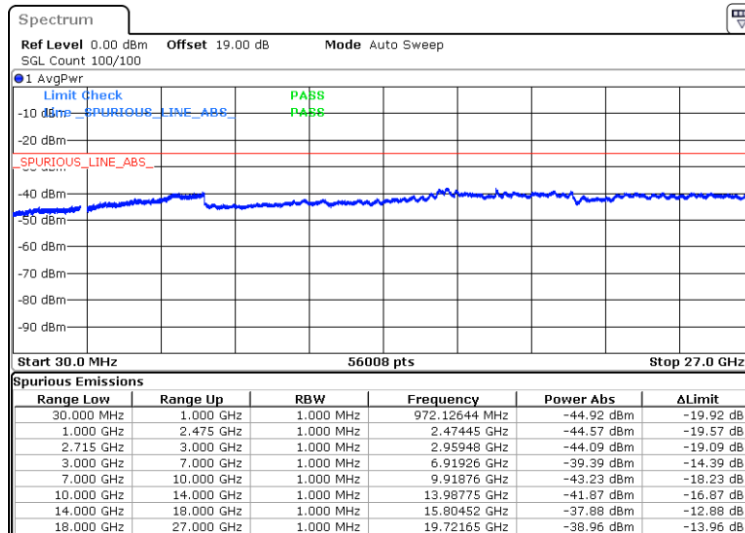
Date: 6.MAR.2024 15:03:39

Middle Channel / QPSK



Date: 6.MAR.2024 15:04:49

Highest Channel / QPSK

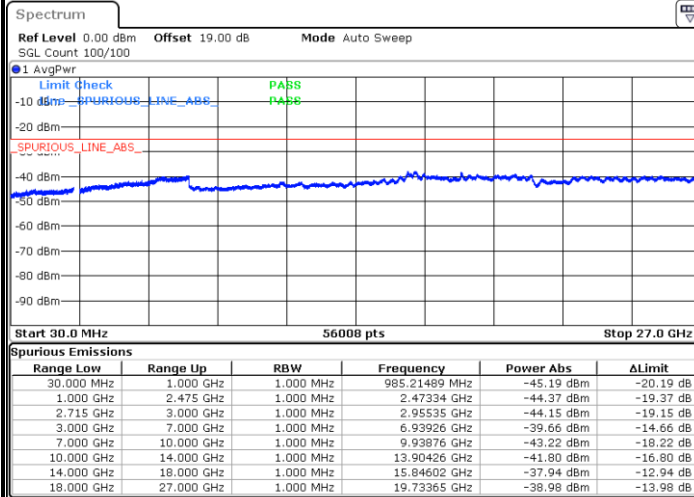


Date: 6.MAR.2024 15:13:26



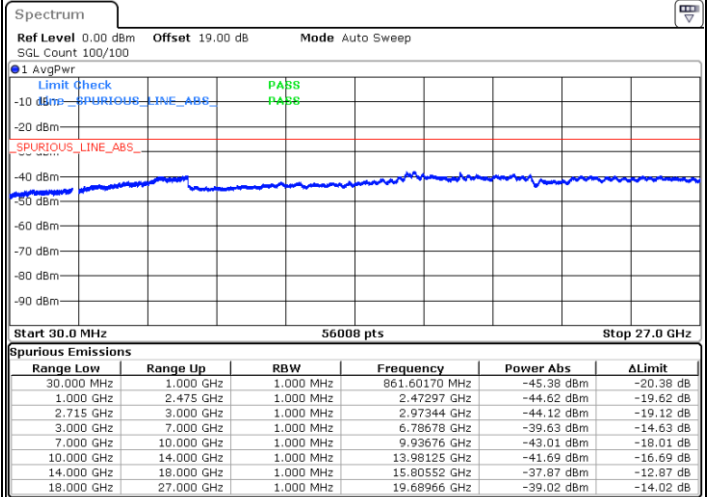
LTE Band 41 / 20MHz

Lowest Channel / QPSK



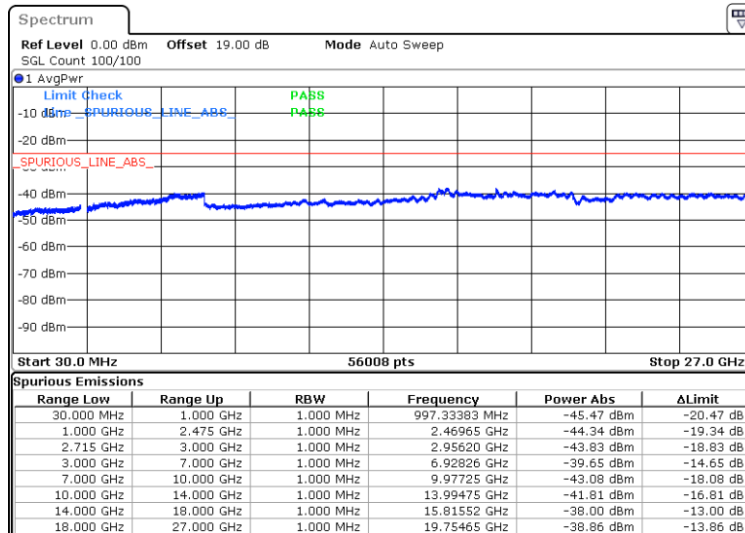
Date: 6.MAR.2024 15:21:28

Middle Channel / QPSK



Date: 6.MAR.2024 15:22:38

Highest Channel / QPSK



Date: 6.MAR.2024 15:32:35

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	0.0011	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(other PA)

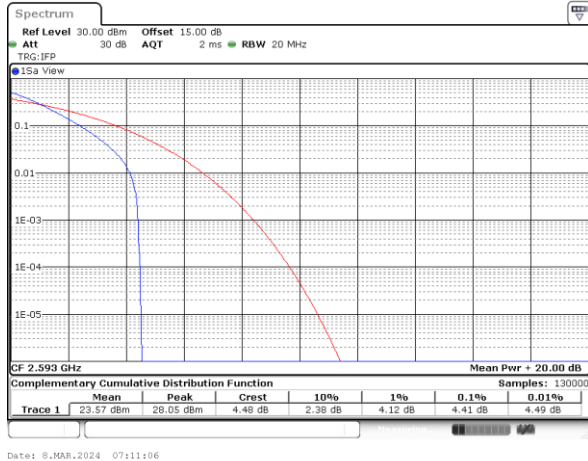
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.41	5.59	6.32	PASS



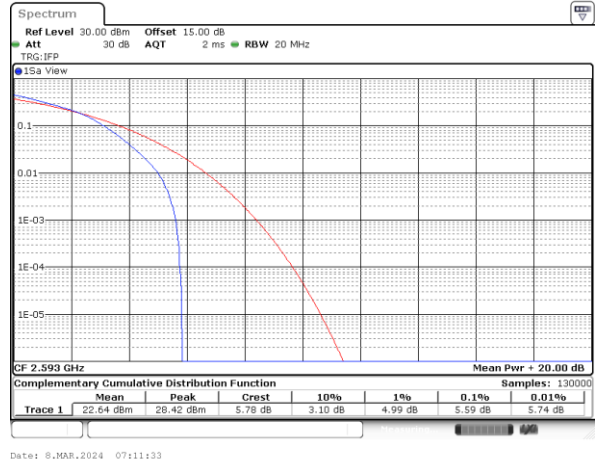
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



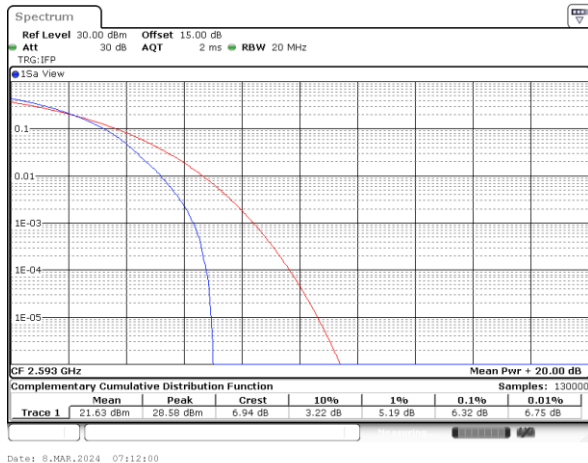
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





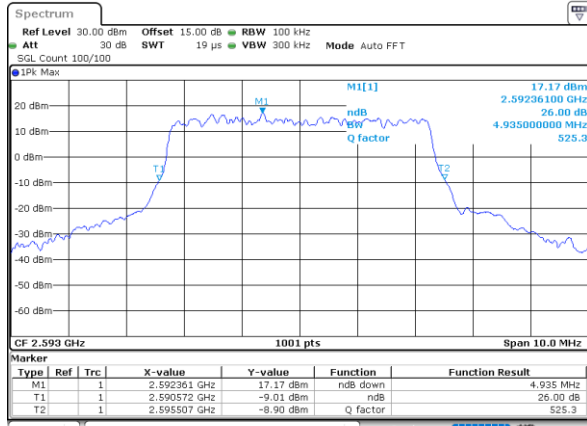
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.94	5.11	9.63	9.63	14.24	14.27	19.14	18.78



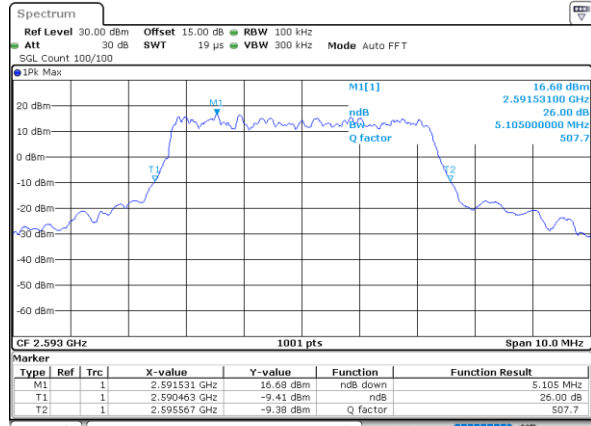
LTE Band 41

Middle Channel / 5MHz / QPSK



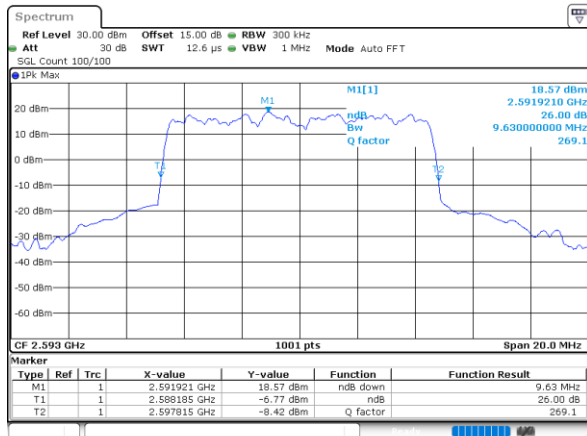
Date: 8,MAR,2024 06:15:48

Middle Channel / 5MHz / 16QAM



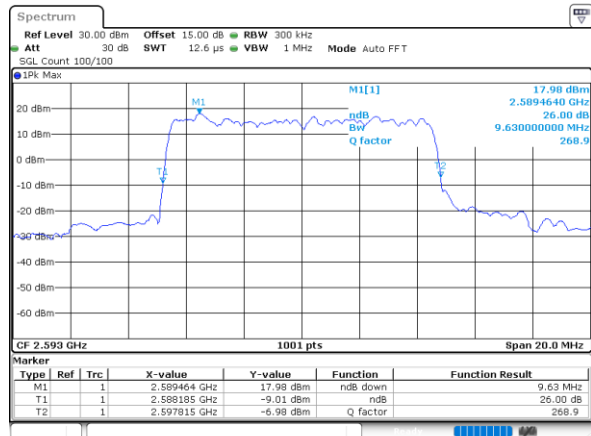
Date: 8,MAR,2024 06:16:27

Middle Channel / 10MHz / QPSK



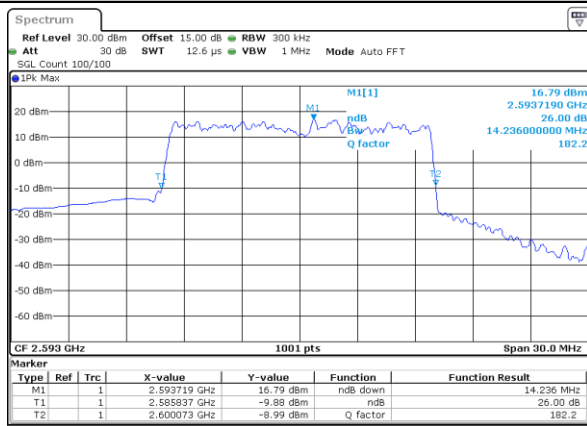
Date: 8,MAR,2024 06:15:13

Middle Channel / 10MHz / 16QAM



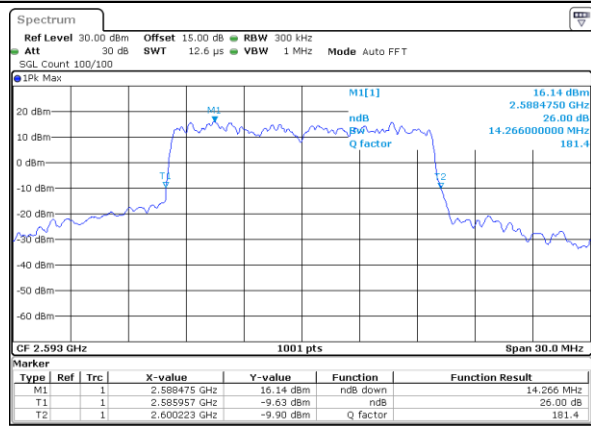
Date: 8,MAR,2024 06:15:13

Middle Channel / 15MHz / QPSK



Date: 8,MAR,2024 06:15:216

Middle Channel / 15MHz / 16QAM

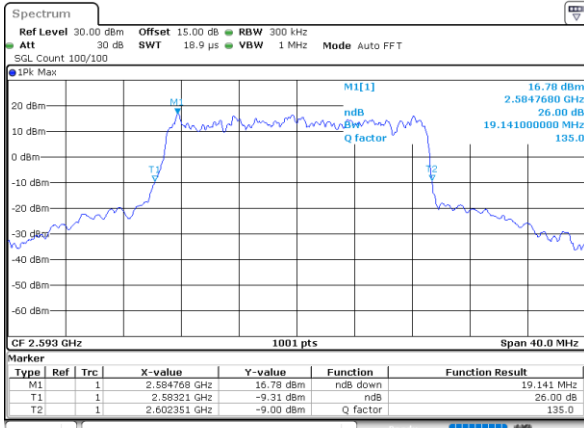


Date: 8,MAR,2024 06:15:216



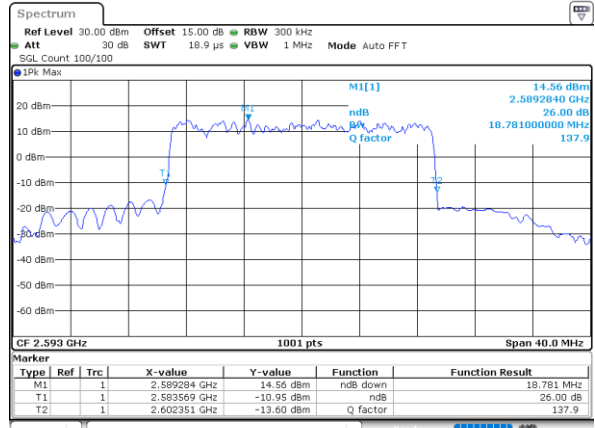
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 07:10:00

Middle Channel / 20MHz / 16QAM



Date: 8.MAR.2024 07:10:39



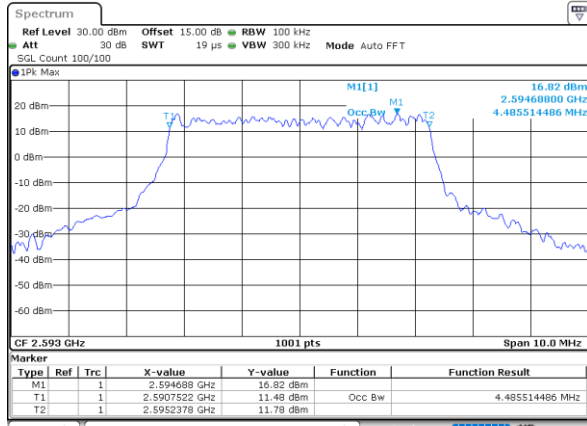
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.51	9.05	9.07	13.52	13.43	17.94	17.82



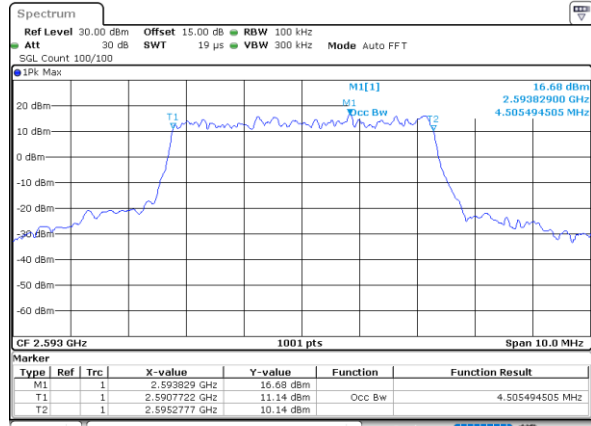
LTE Band 41

Middle Channel / 5MHz / QPSK



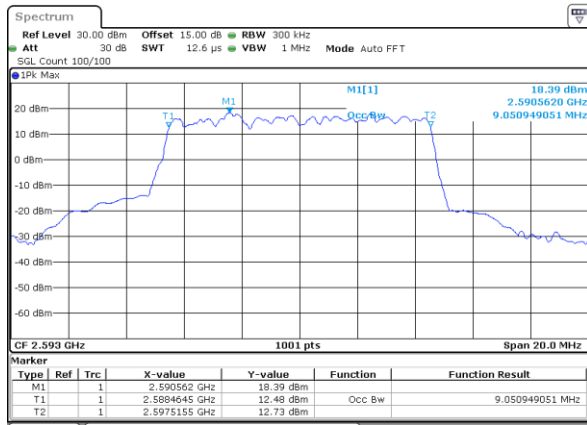
Date: 8,MAR,2024 06:15:14

Middle Channel / 5MHz / 16QAM



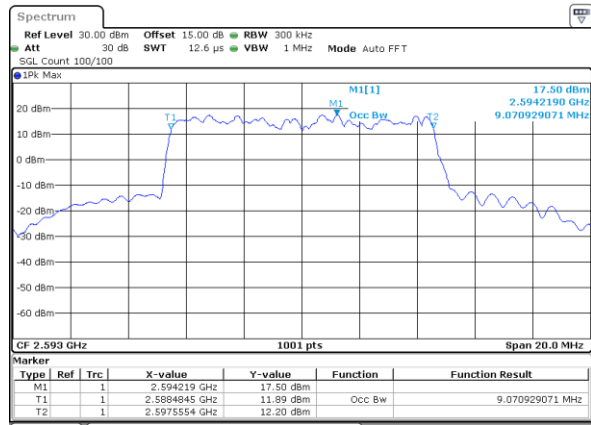
Date: 8,MAR,2024 06:16:13

Middle Channel / 10MHz / QPSK



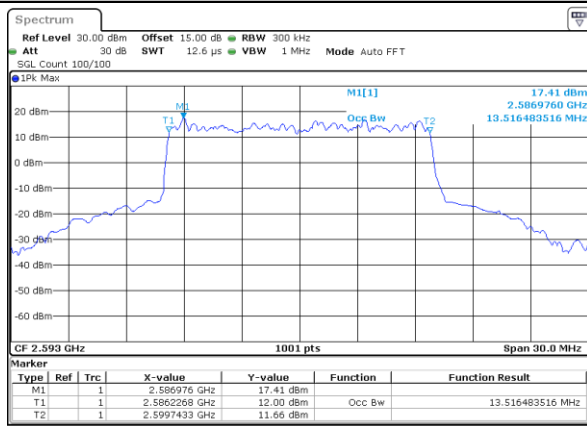
Date: 8,MAR,2024 06:14:19

Middle Channel / 10MHz / 16QAM



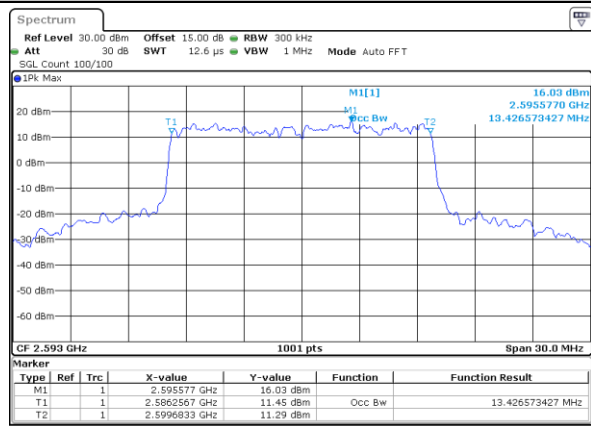
Date: 8,MAR,2024 06:14:59

Middle Channel / 15MHz / QPSK



Date: 8,MAR,2024 06:15:02

Middle Channel / 15MHz / 16QAM

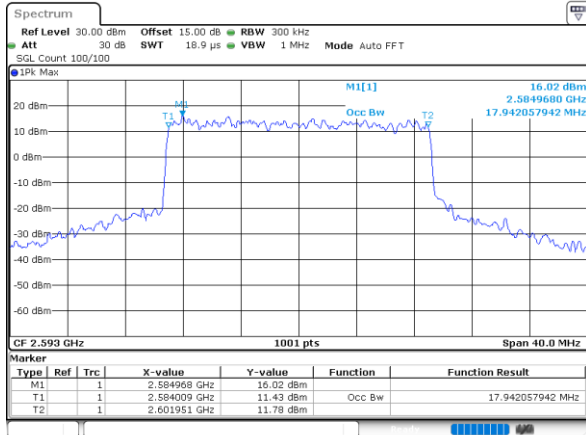


Date: 8,MAR,2024 06:15:42



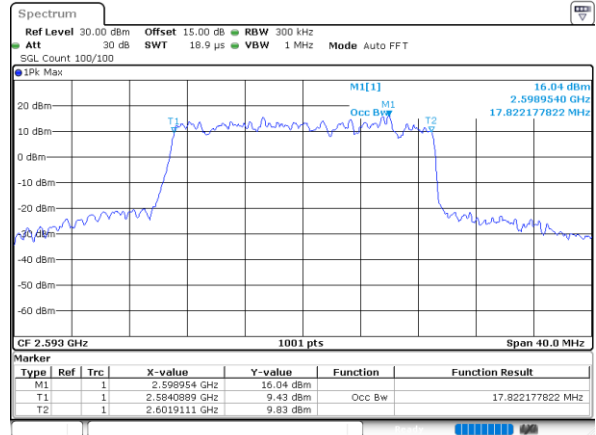
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 07:09:46

Middle Channel / 20MHz / 16QAM



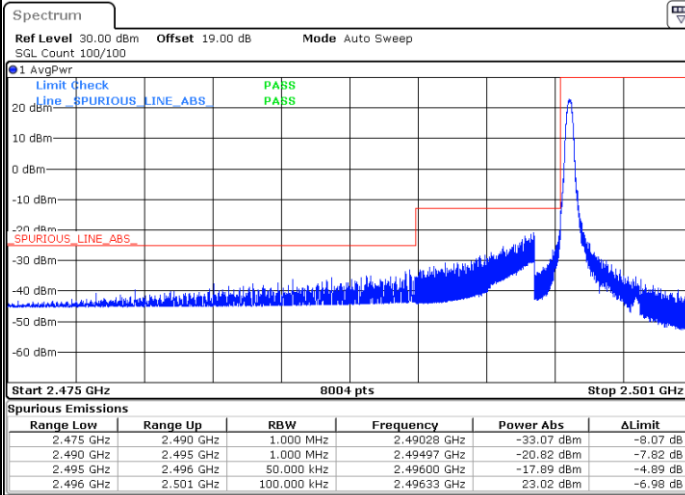
Date: 8.MAR.2024 07:10:25



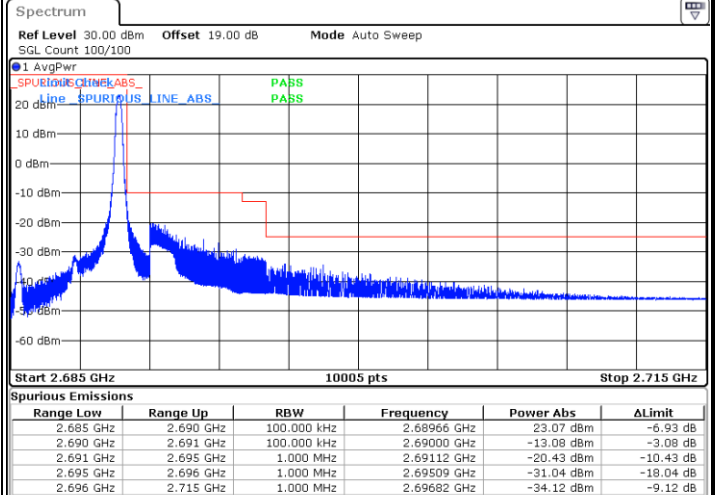
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

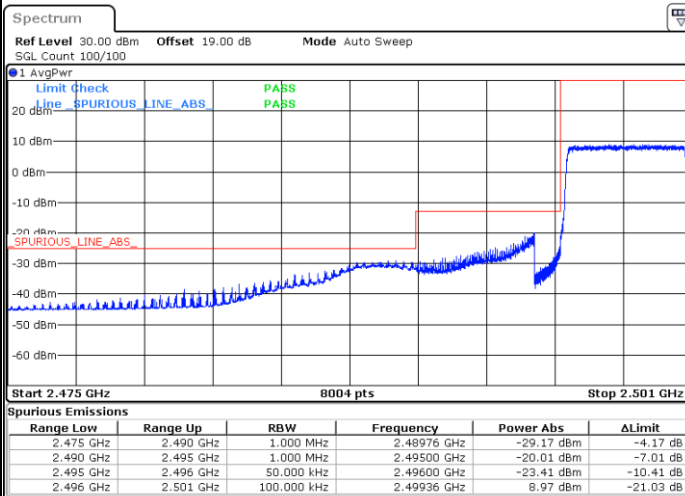
Lowest Band Edge / 1 RB



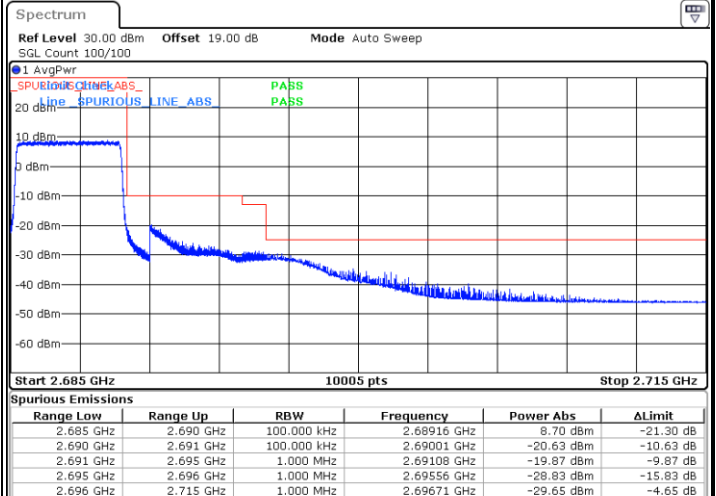
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



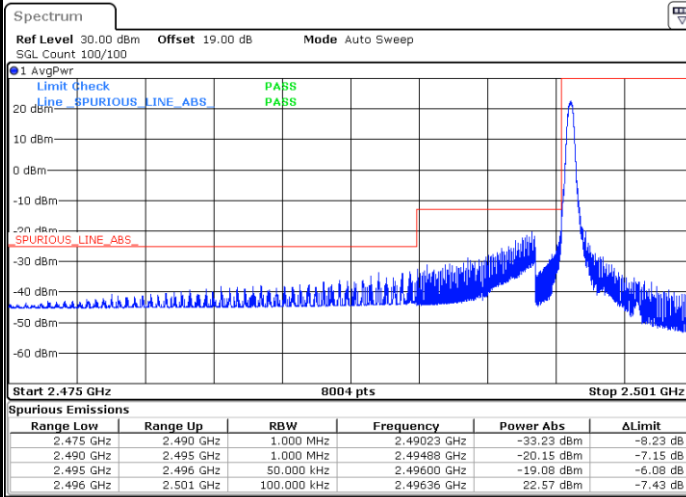
Highest Band Edge / Full RB





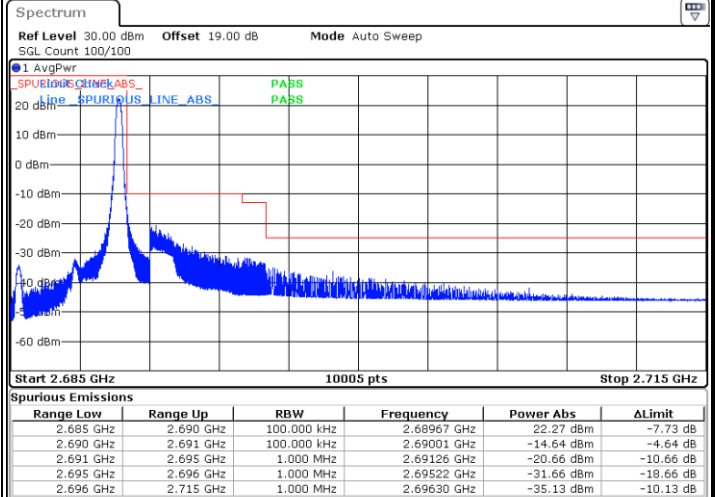
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



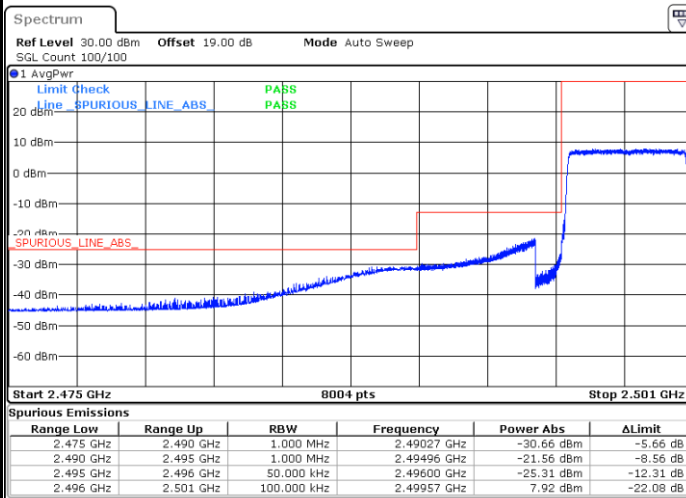
Date: 8.MAR.2024 06:08:42

Highest Band Edge / 1 RB



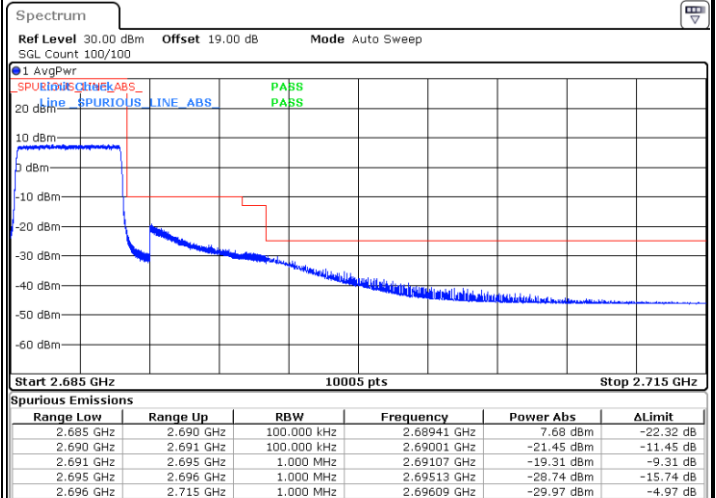
Date: 8.MAR.2024 06:18:34

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:11:46

Highest Band Edge / Full RB

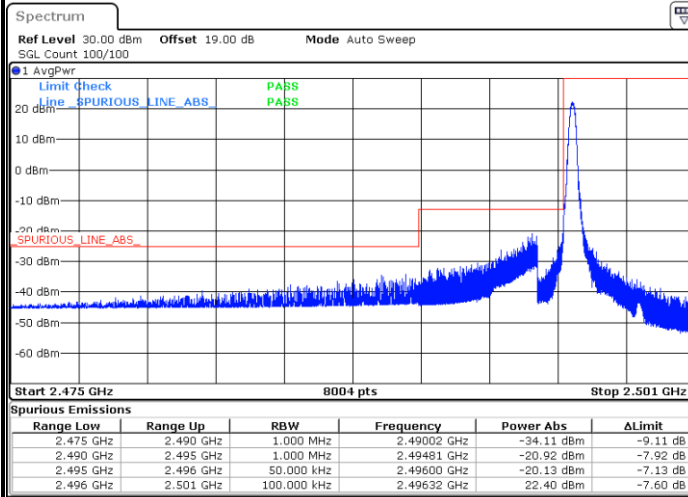


Date: 8.MAR.2024 06:21:45



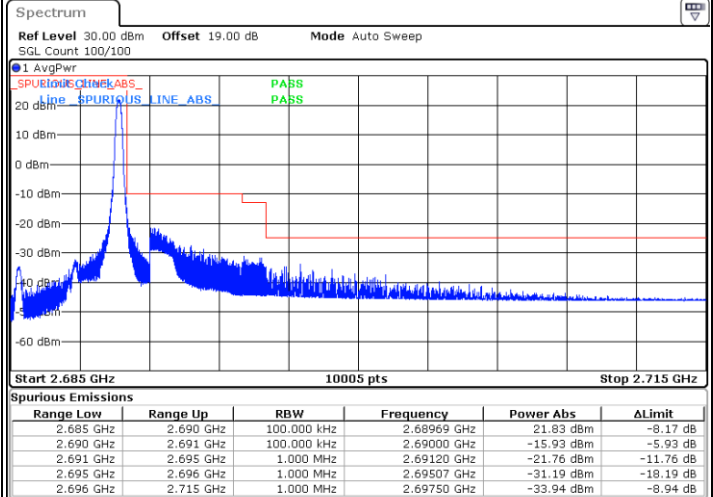
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



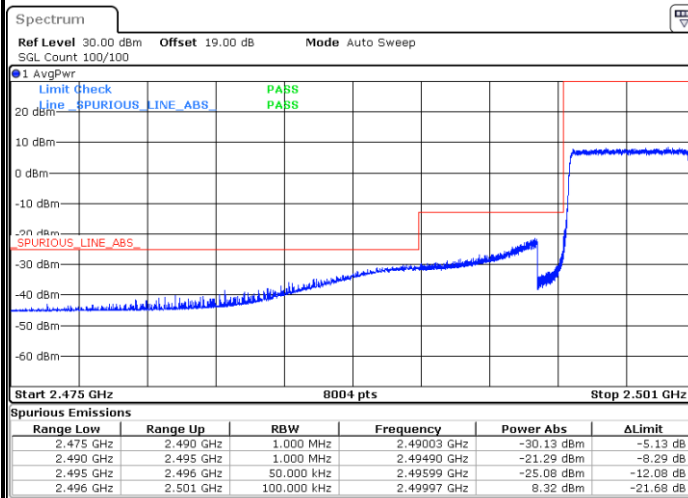
Date: 8.MAR.2024 06:09:43

Highest Band Edge / 1 RB



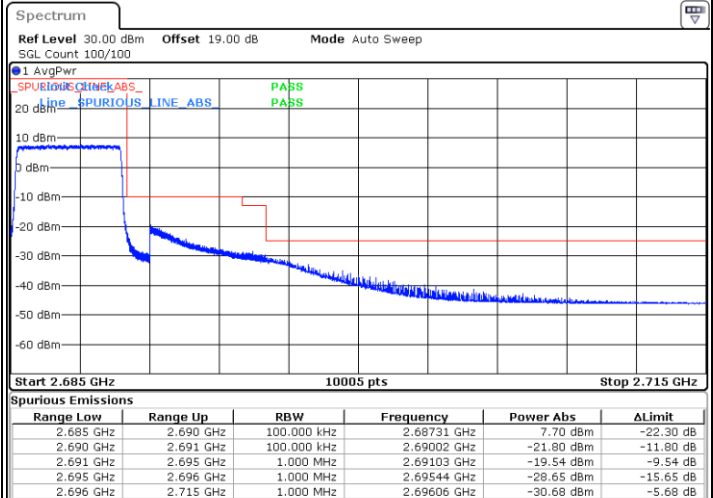
Date: 8.MAR.2024 06:19:37

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:10:45

Highest Band Edge / Full RB

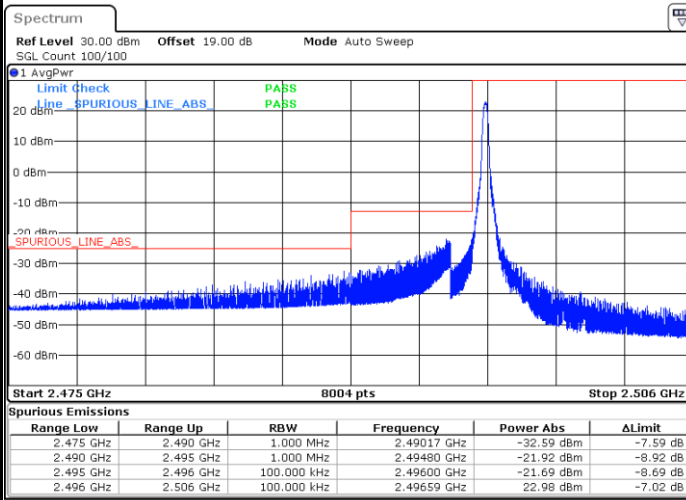


Date: 8.MAR.2024 06:20:41

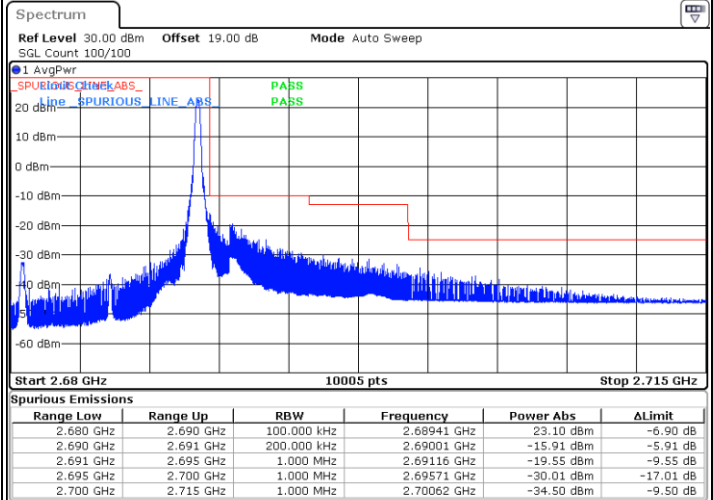


LTE Band 41 / 10MHz / QPSK

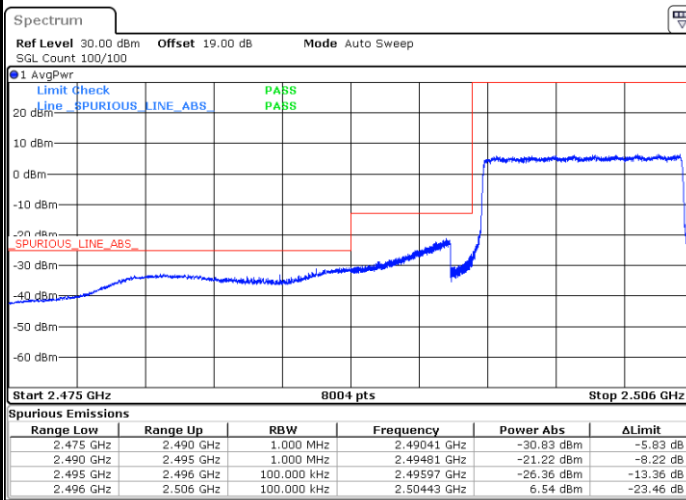
Lowest Band Edge / 1 RB



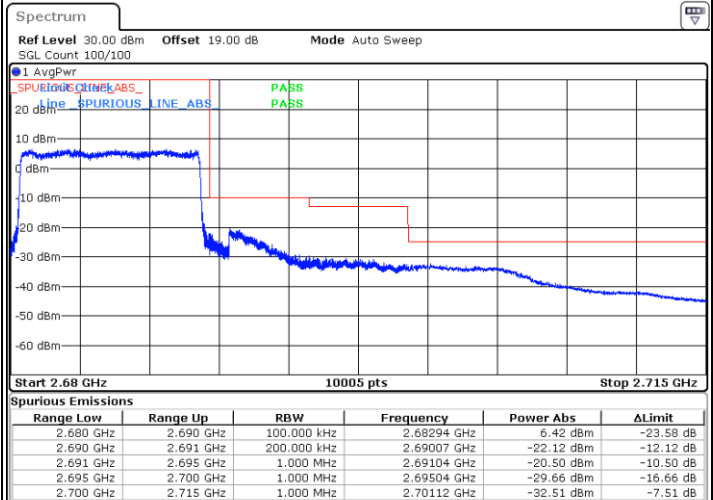
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



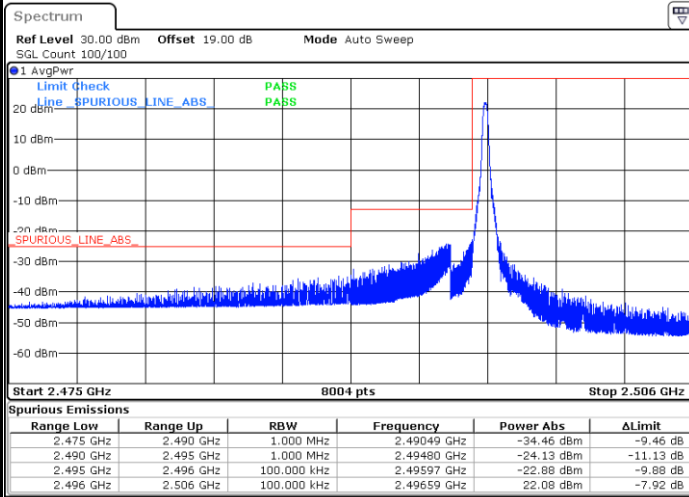
Highest Band Edge / Full RB





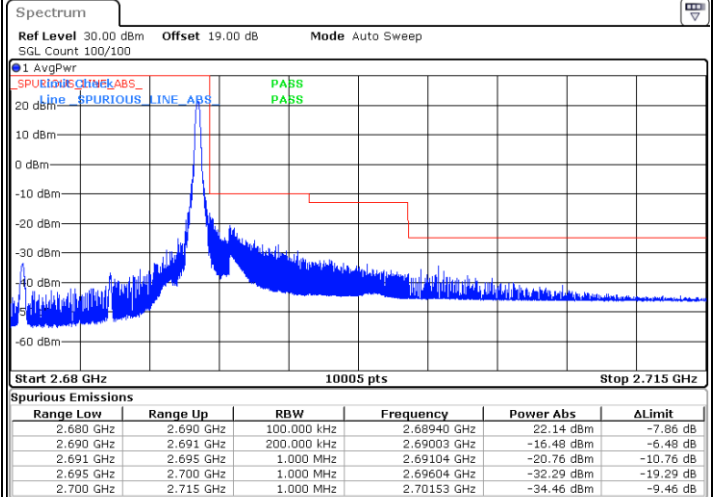
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



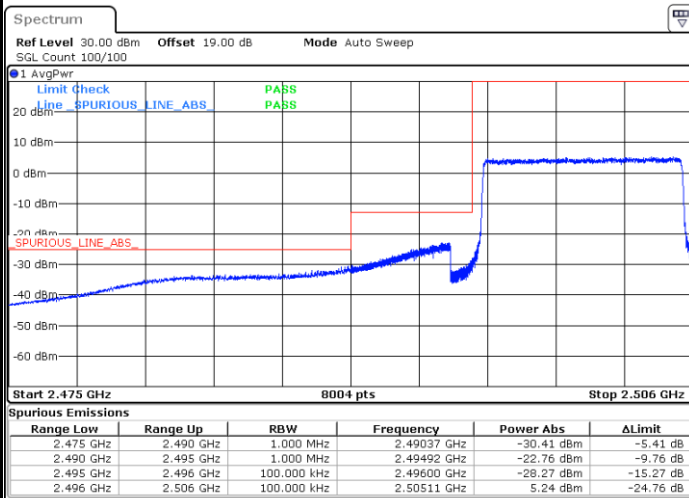
Date: 8.MAR.2024 06:27:28

Highest Band Edge / 1 RB



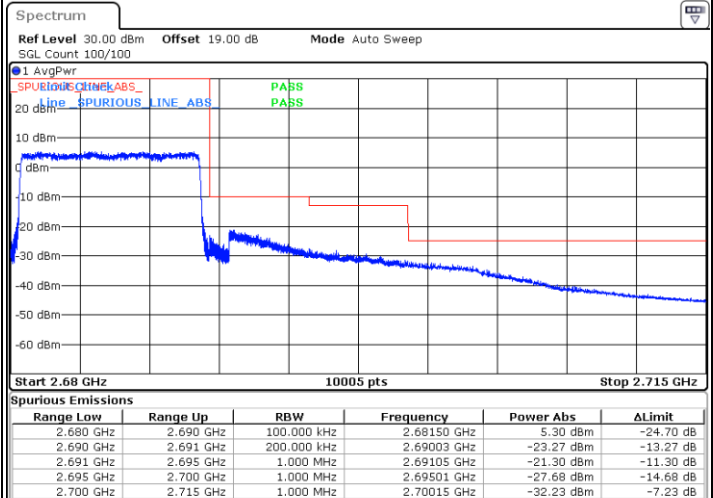
Date: 8.MAR.2024 06:37:13

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:30:32

Highest Band Edge / Full RB

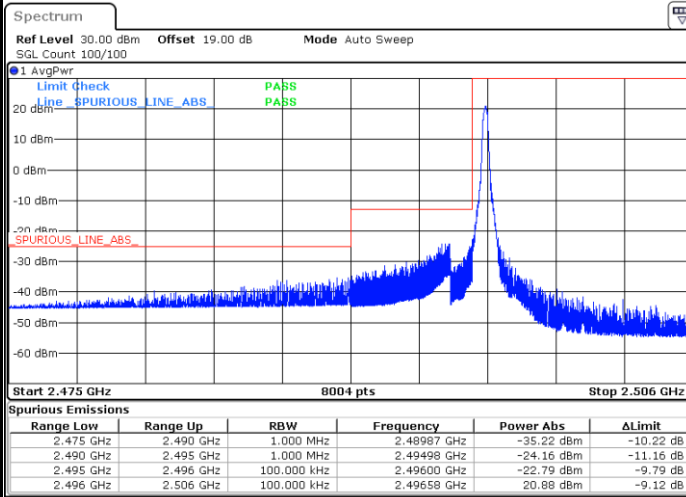


Date: 8.MAR.2024 06:40:16



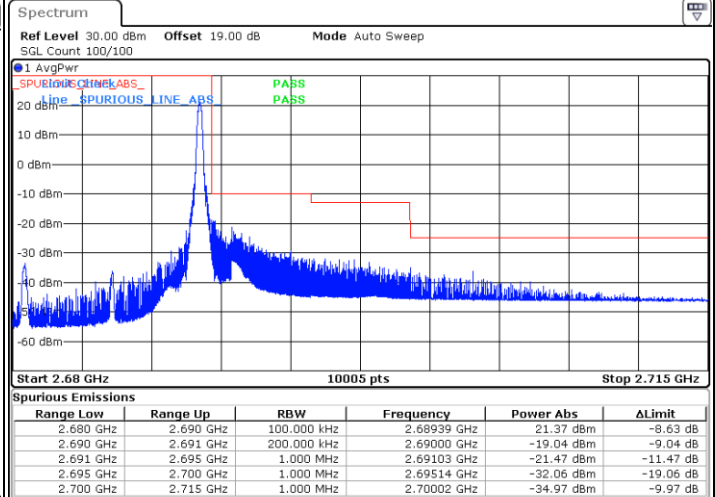
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



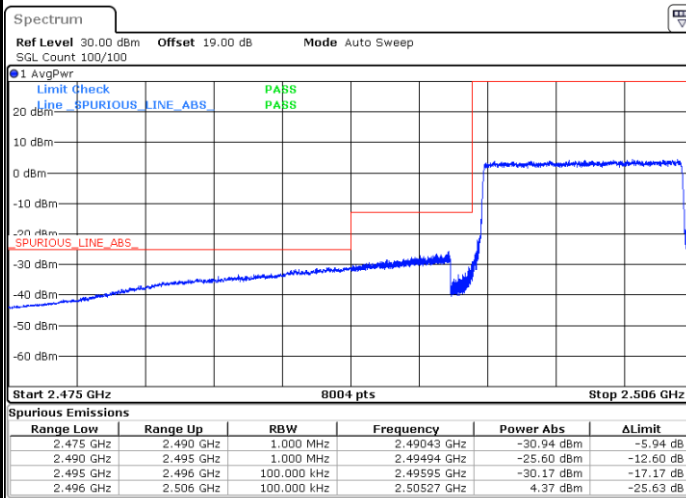
Date: 8.MAR.2024 06:28:29

Highest Band Edge / 1 RB



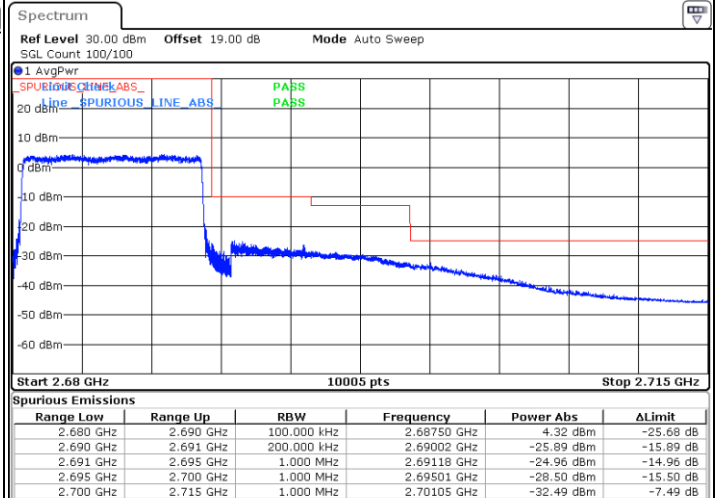
Date: 8.MAR.2024 06:38:14

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:29:31

Highest Band Edge / Full RB

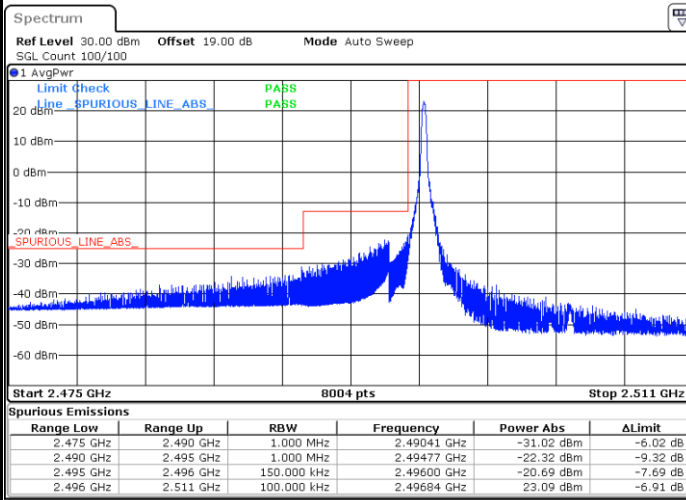


Date: 8.MAR.2024 06:39:15

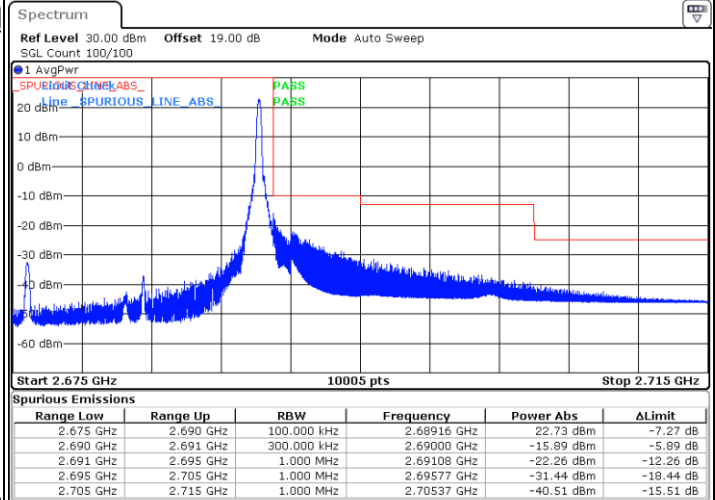


LTE Band 41 / 15MHz / QPSK

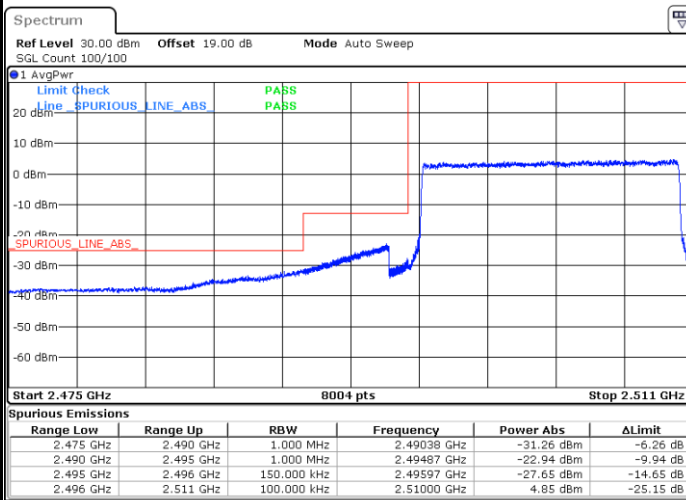
Lowest Band Edge / 1 RB



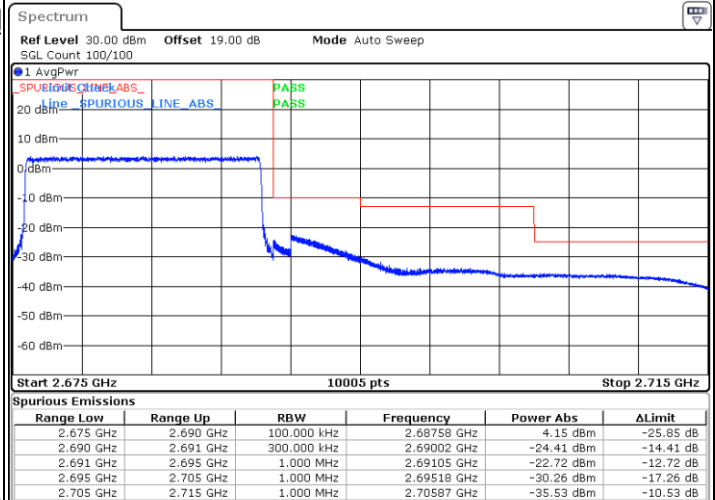
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



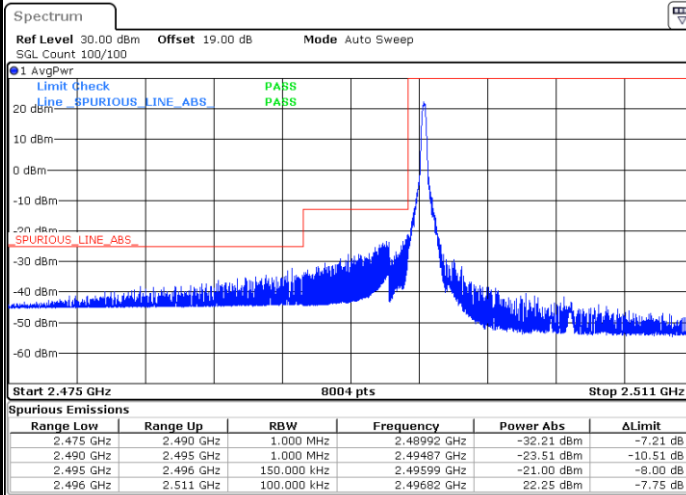
Highest Band Edge / Full RB





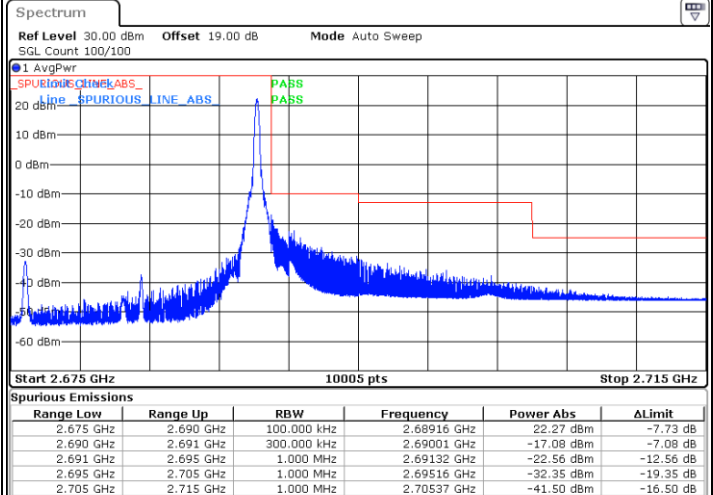
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



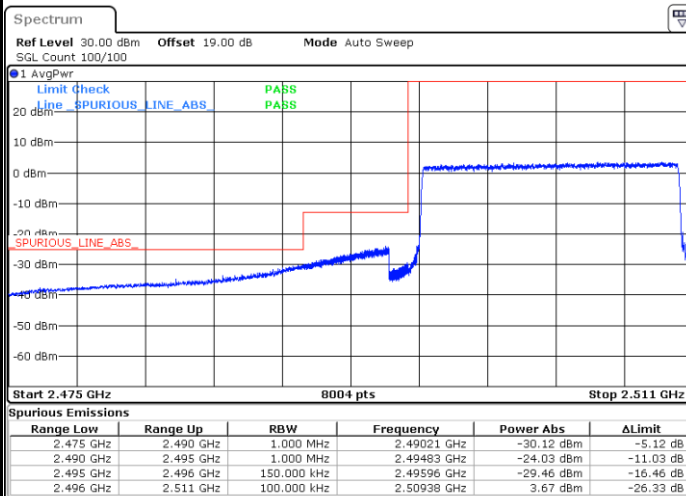
Date: 8.MAR.2024 06:45:12

Highest Band Edge / 1 RB



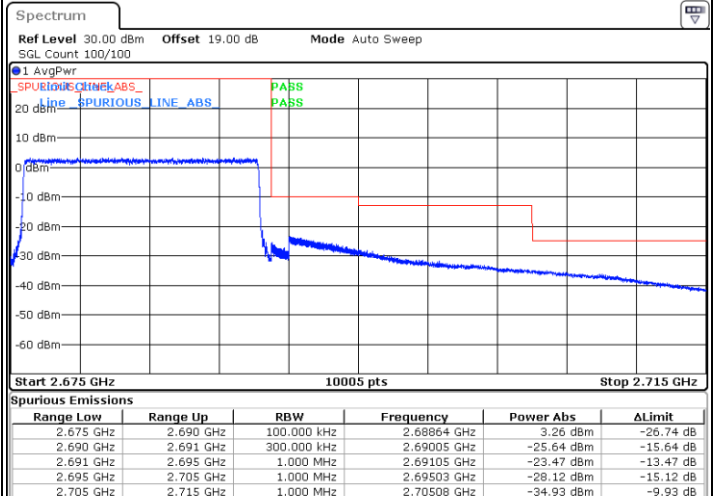
Date: 8.MAR.2024 06:54:57

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:48:15

Highest Band Edge / Full RB

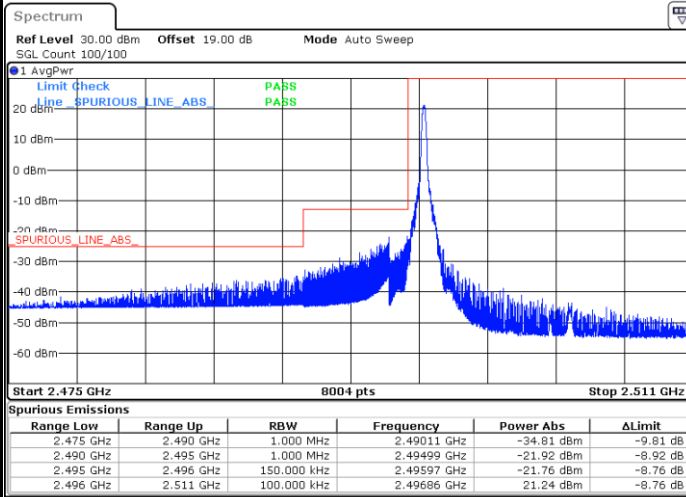


Date: 8.MAR.2024 06:57:59



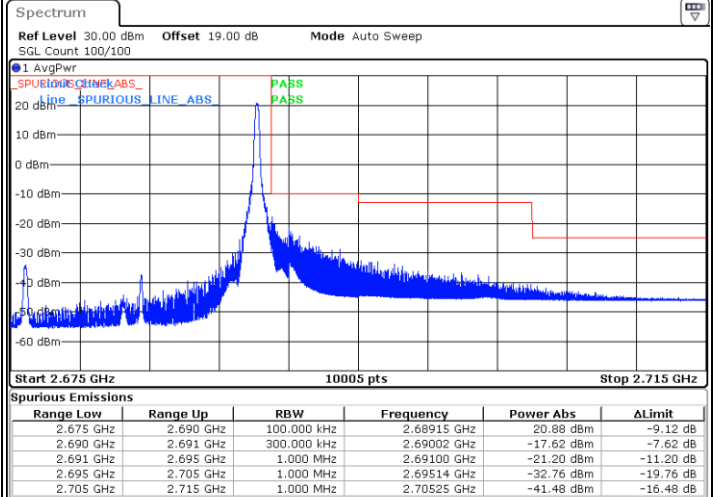
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



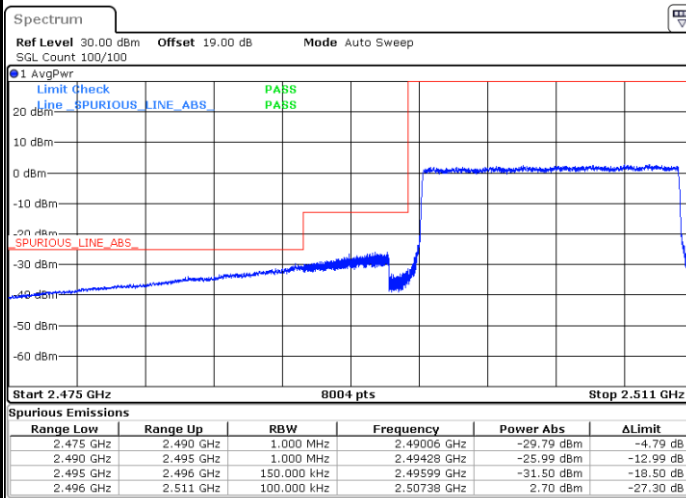
Date: 8.MAR.2024 06:46:13

Highest Band Edge / 1 RB



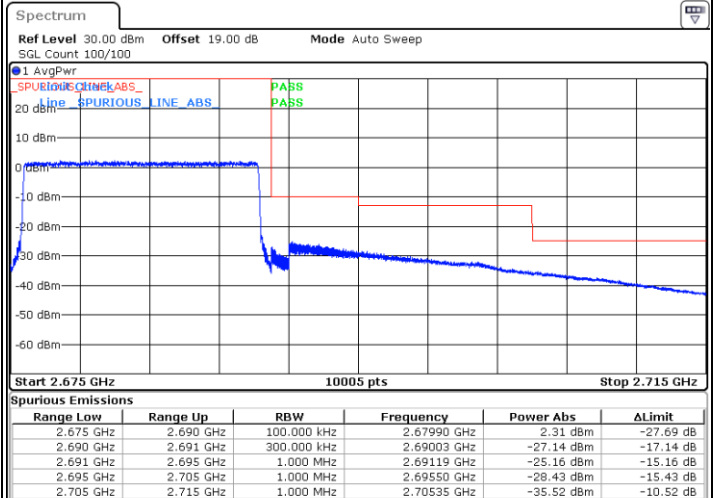
Date: 8.MAR.2024 06:55:57

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:47:14

Highest Band Edge / Full RB

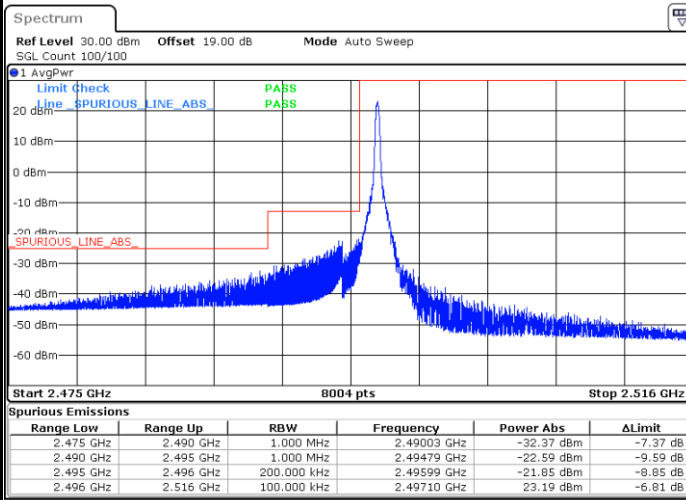


Date: 8.MAR.2024 06:56:58

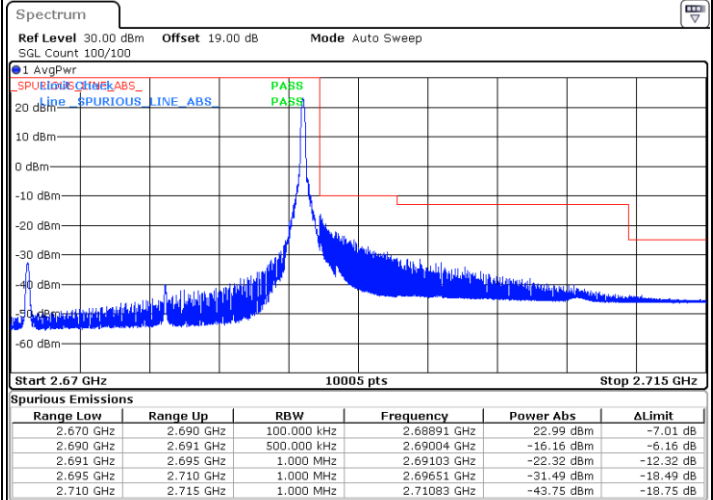


LTE Band 41 / 20MHz / QPSK

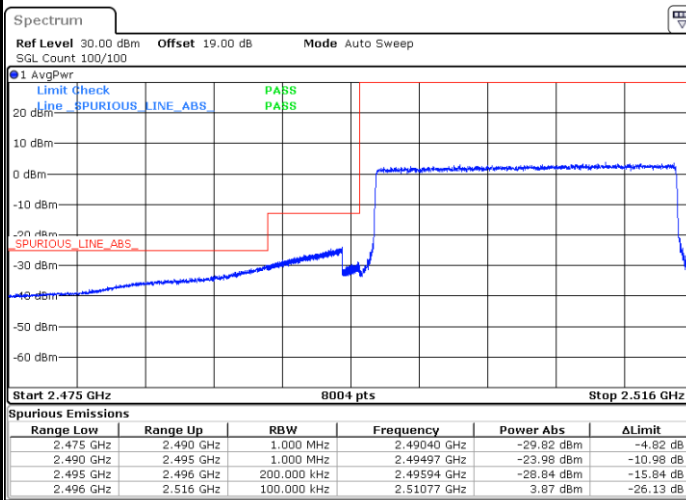
Lowest Band Edge / 1 RB



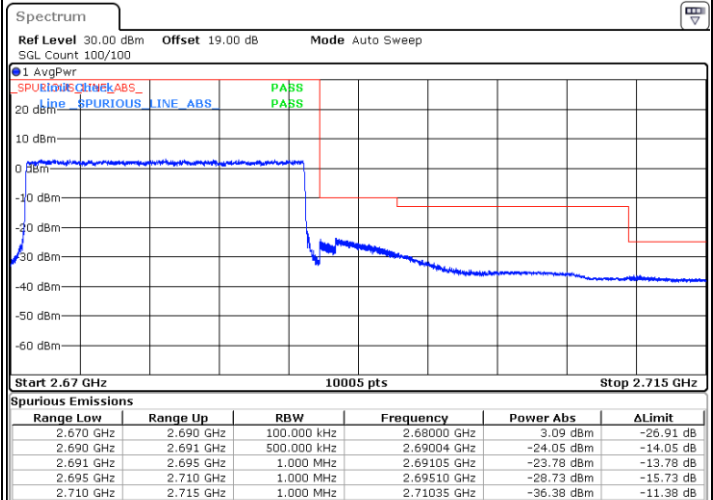
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



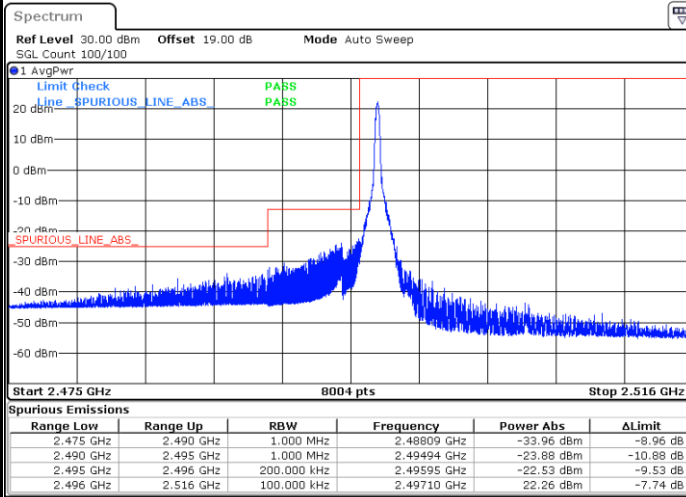
Highest Band Edge / Full RB





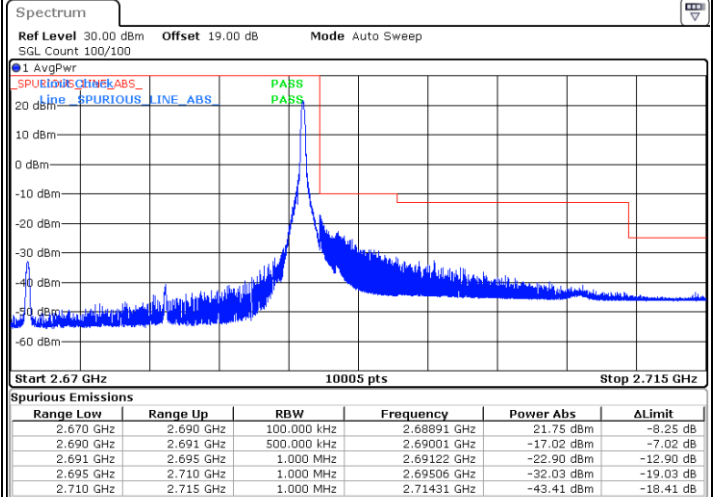
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



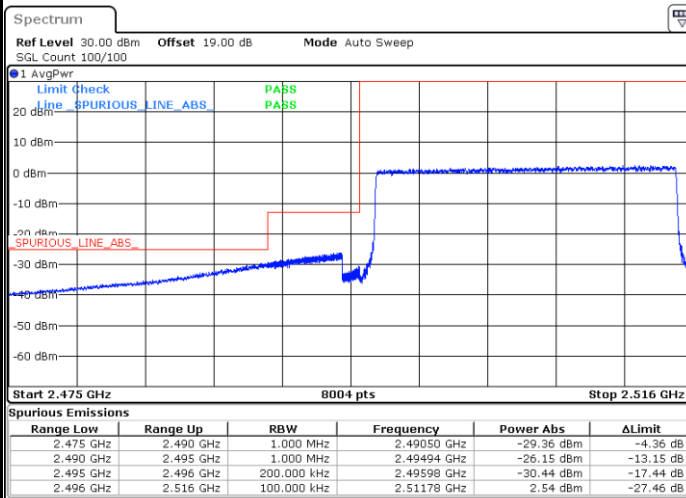
Date: 8.MAR.2024 07:02:55

Highest Band Edge / 1 RB



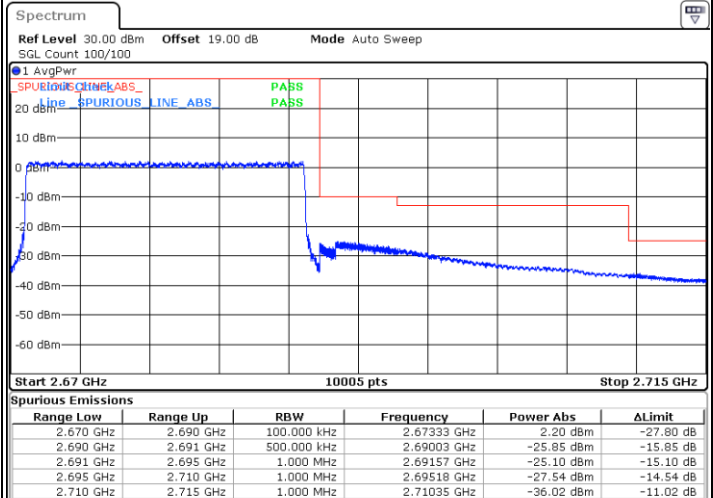
Date: 8.MAR.2024 07:14:01

Lowest Band Edge / Full RB



Date: 8.MAR.2024 07:05:58

Highest Band Edge / Full RB



Date: 8.MAR.2024 07:17:03