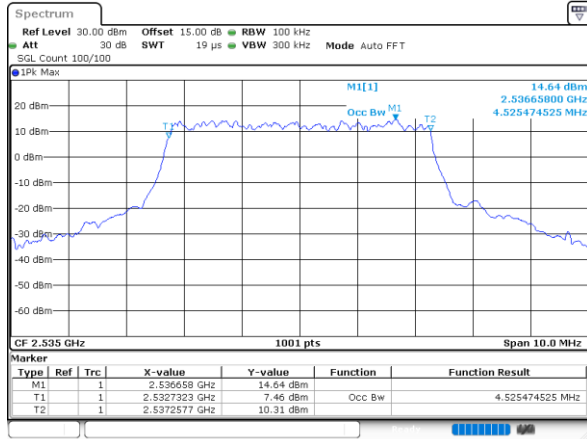


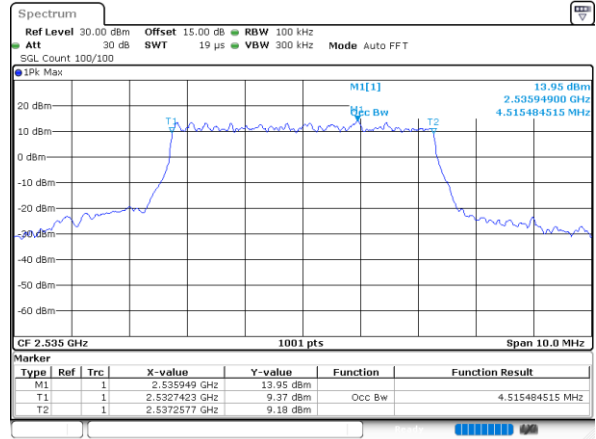


LTE Band 7

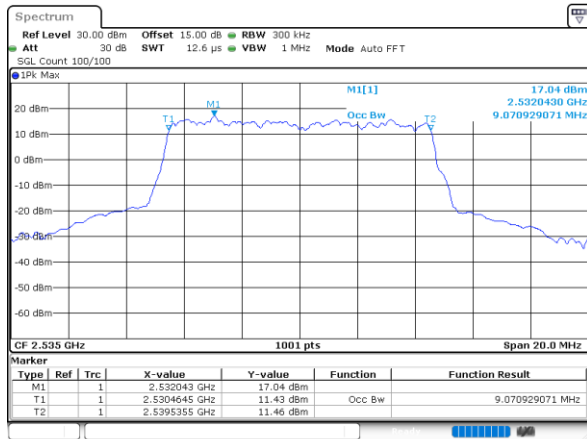
Middle Channel / 5MHz / QPSK



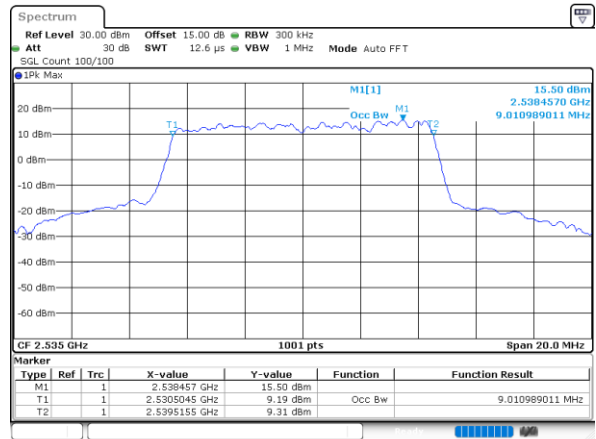
Middle Channel / 5MHz / 16QAM



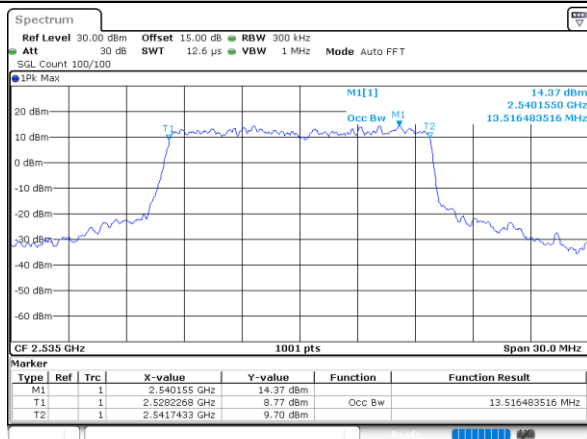
Middle Channel / 10MHz / QPSK



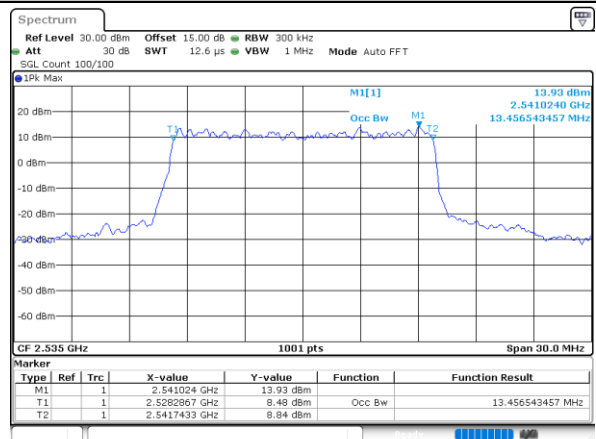
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



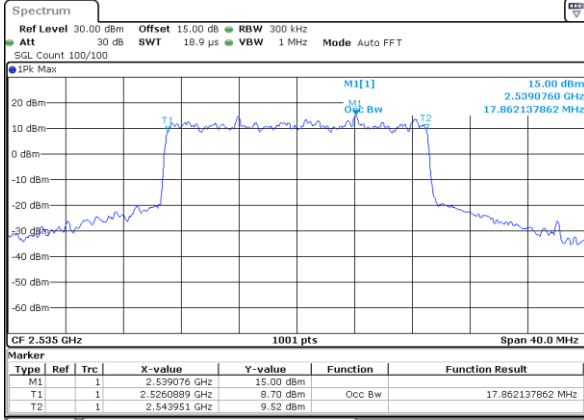
Middle Channel / 15MHz / 16QAM





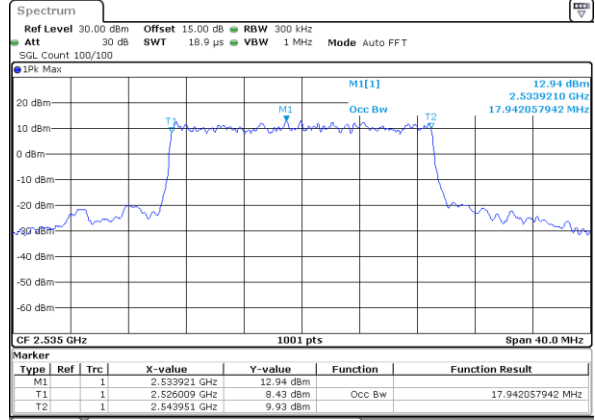
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 7.MAR.2024 08:24:15

Middle Channel / 20MHz / 16QAM



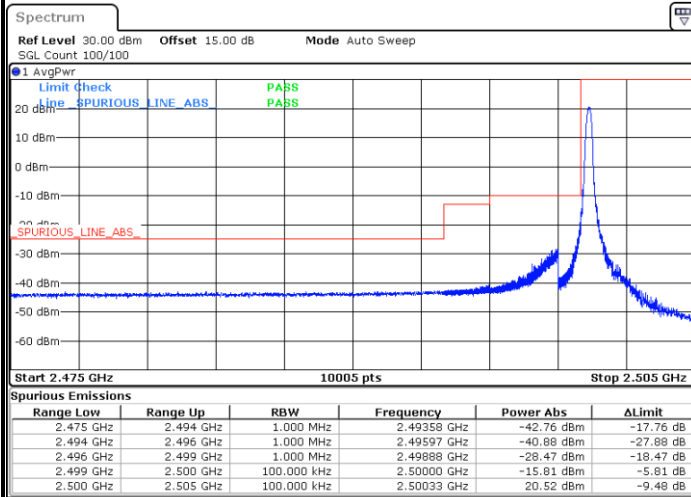
Date: 7.MAR.2024 08:24:54



Conducted Band Edge

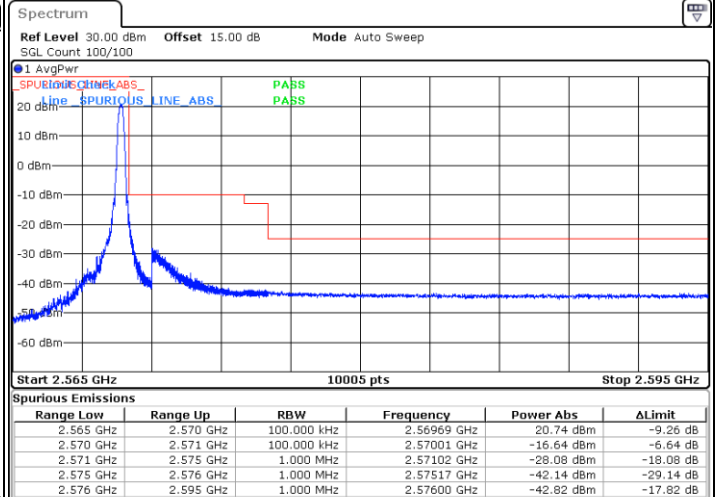
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



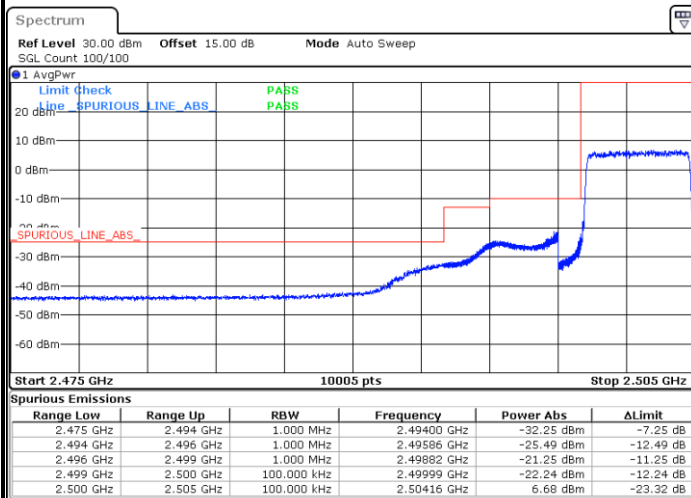
Date: 7.MAR.2024 07:33:35

Highest Band Edge / 1 RB



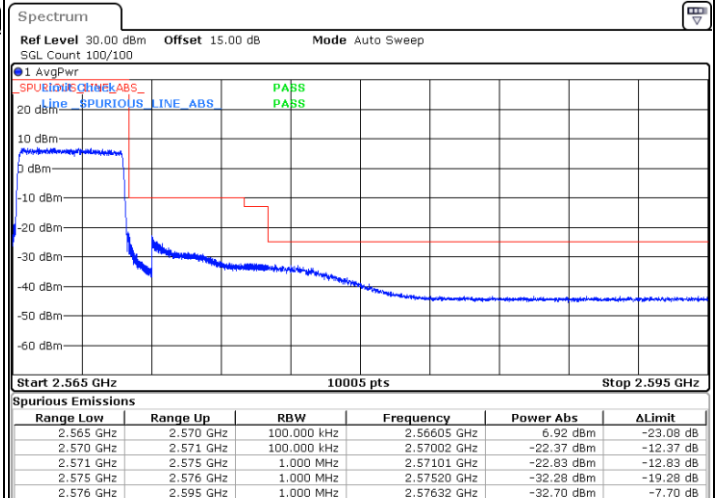
Date: 7.MAR.2024 07:41:47

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:35:57

Highest Band Edge / Full RB

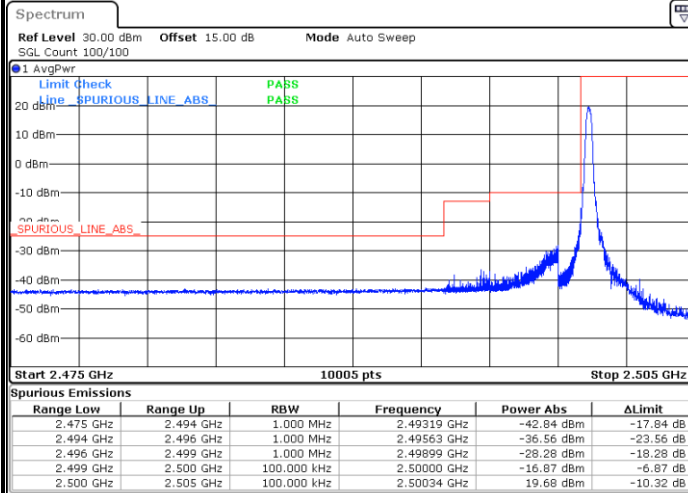


Date: 7.MAR.2024 07:44:09



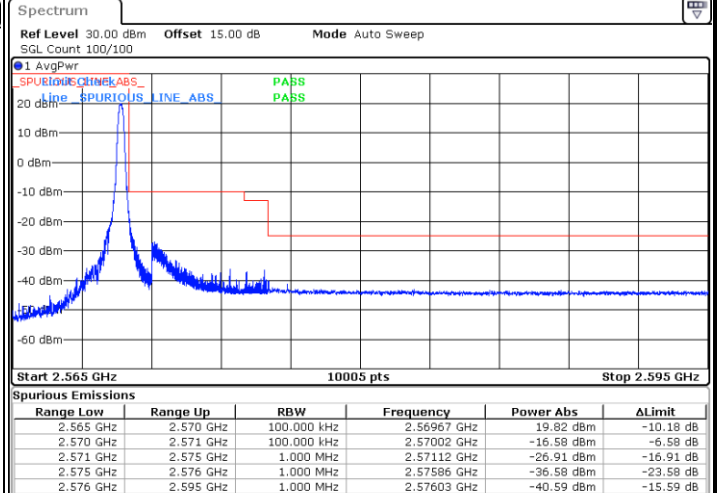
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



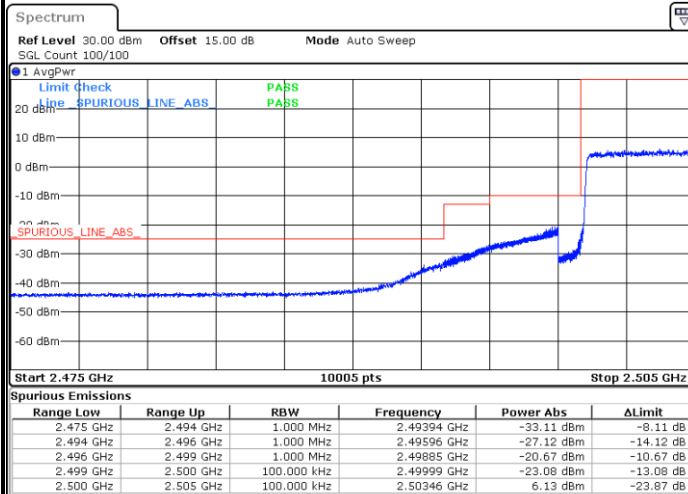
Date: 7.MAR.2024 07:34:22

Highest Band Edge / 1 RB



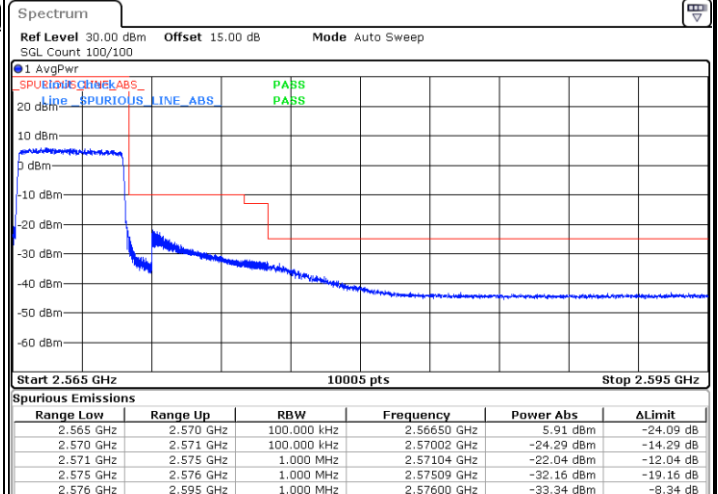
Date: 7.MAR.2024 07:42:34

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:36:44

Highest Band Edge / Full RB

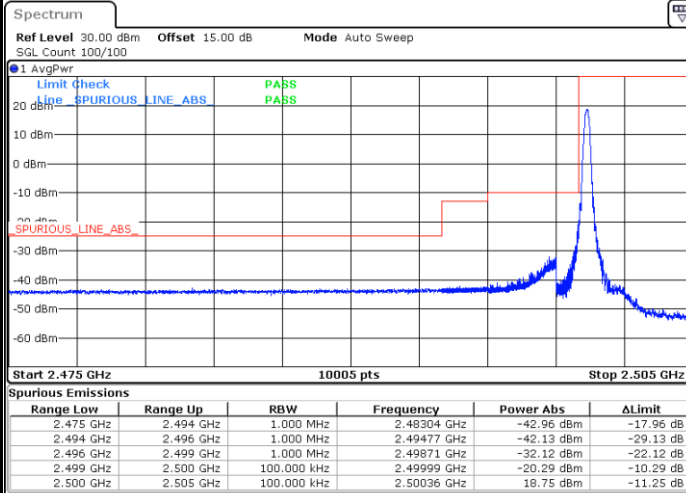


Date: 7.MAR.2024 07:44:56



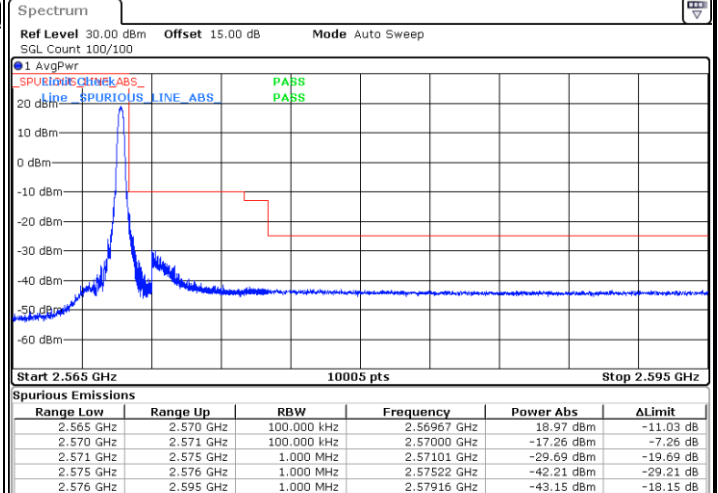
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



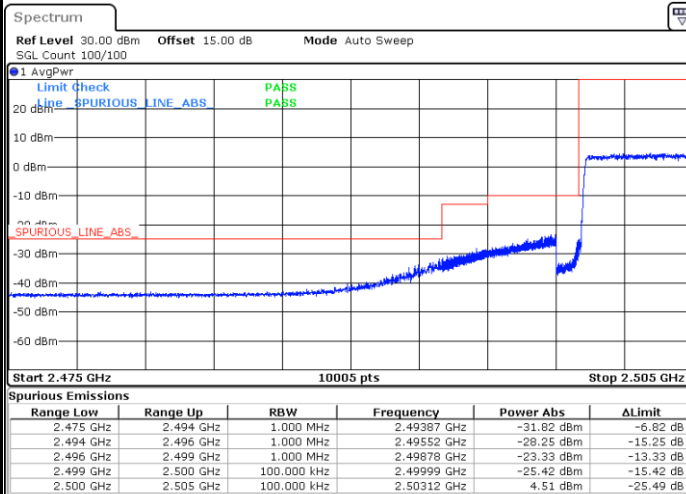
Date: 7.MAR.2024 07:35:10

Highest Band Edge / 1 RB



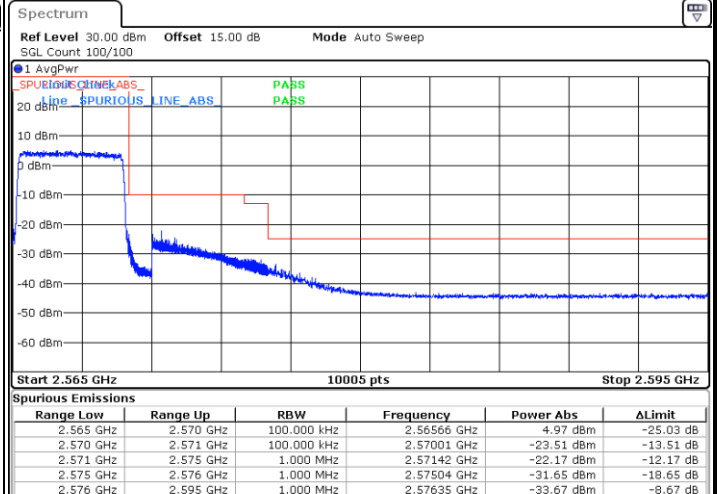
Date: 7.MAR.2024 07:43:22

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:37:32

Highest Band Edge / Full RB

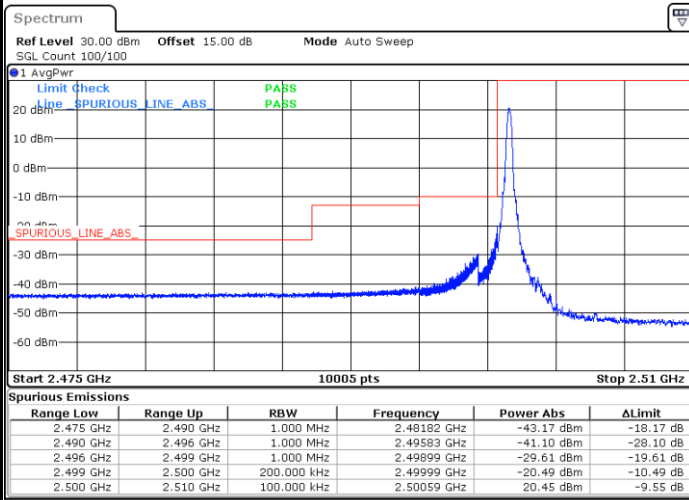


Date: 7.MAR.2024 07:45:43



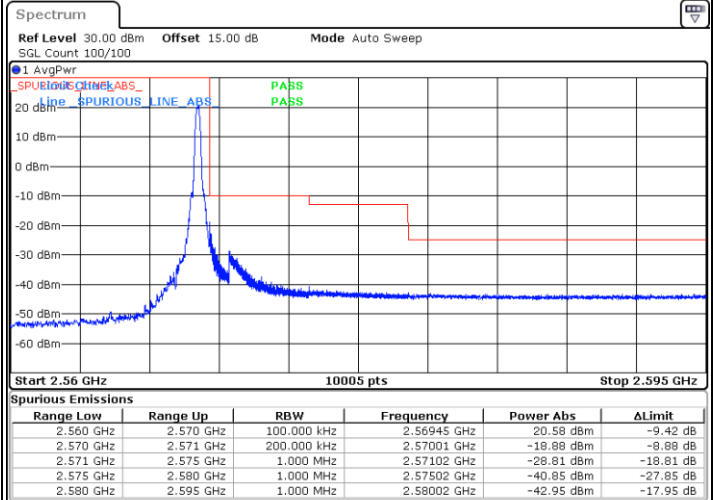
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



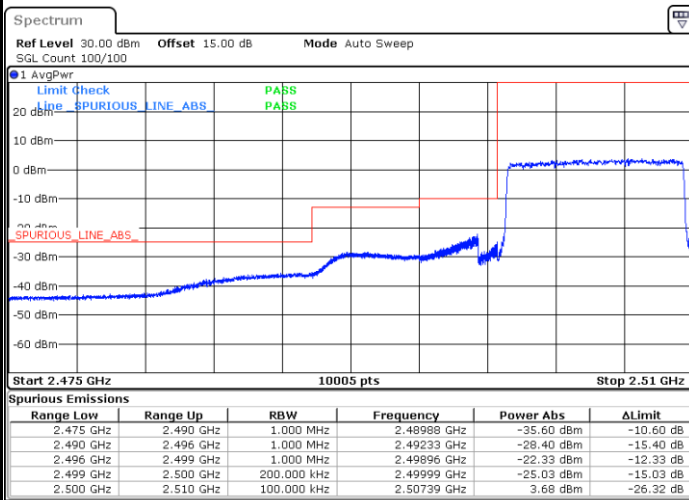
Date: 7.MAR.2024 07:48:17

Highest Band Edge / 1 RB



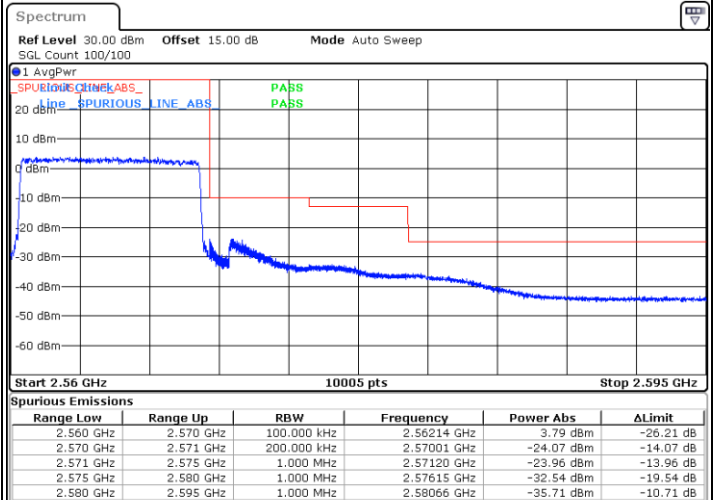
Date: 7.MAR.2024 07:56:27

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:50:40

Highest Band Edge / Full RB

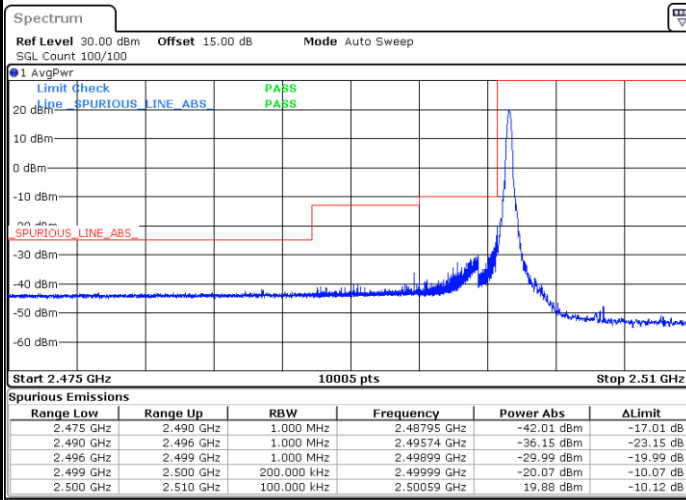


Date: 7.MAR.2024 07:58:49



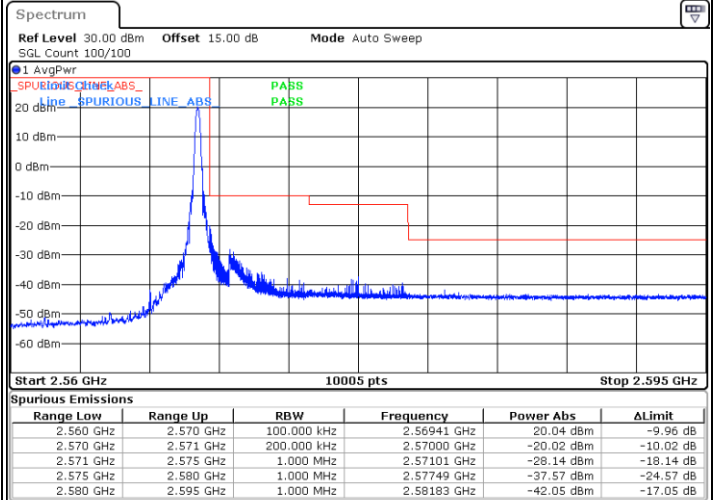
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



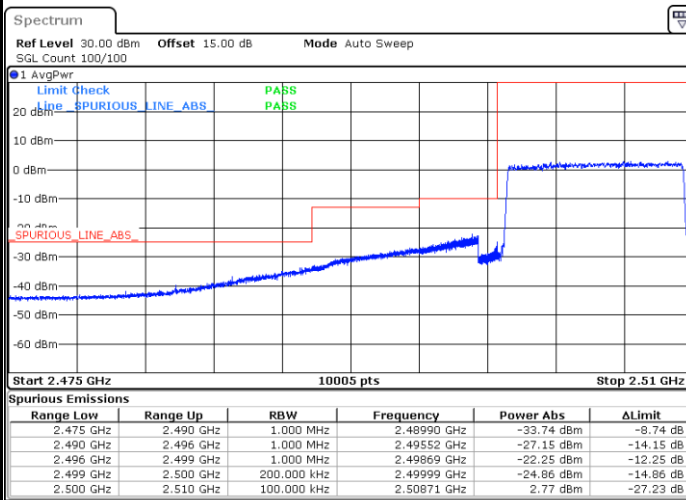
Date: 7.MAR.2024 07:49:04

Highest Band Edge / 1 RB



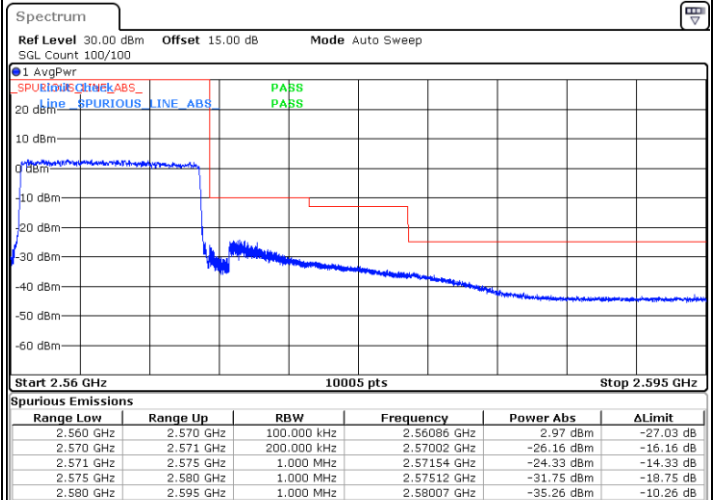
Date: 7.MAR.2024 07:57:15

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:51:27

Highest Band Edge / Full RB

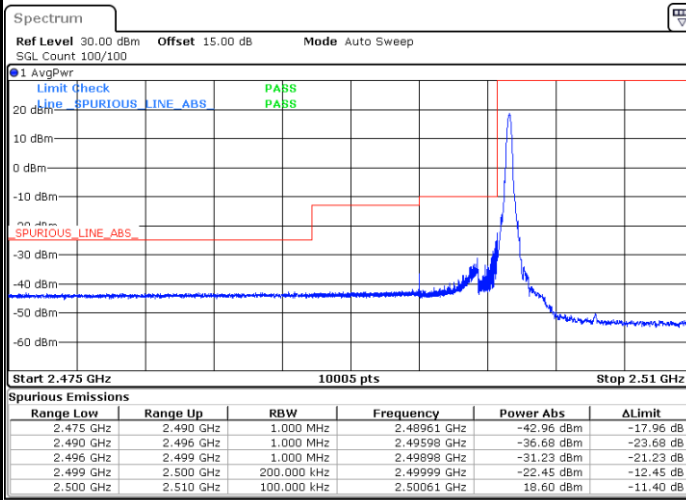


Date: 7.MAR.2024 07:59:36



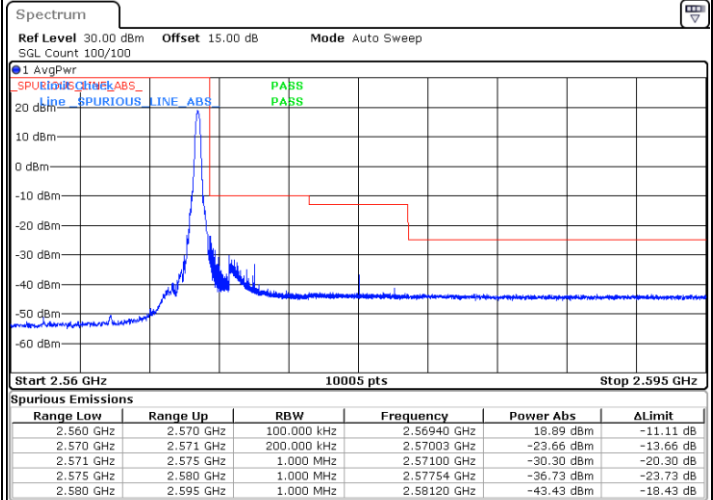
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



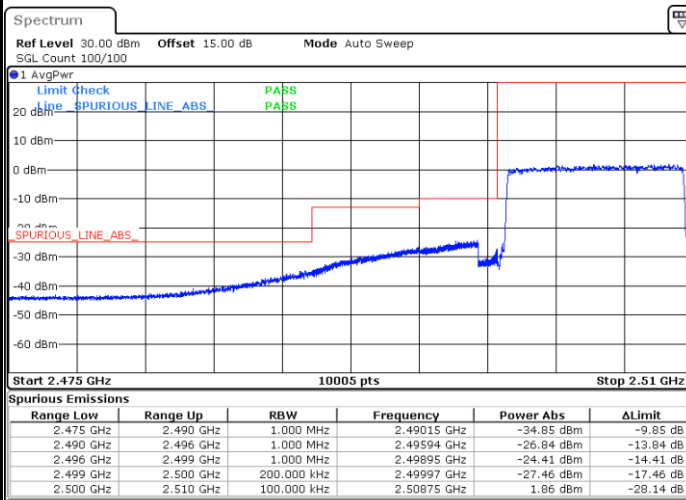
Date: 7.MAR.2024 07:49:52

Highest Band Edge / 1 RB



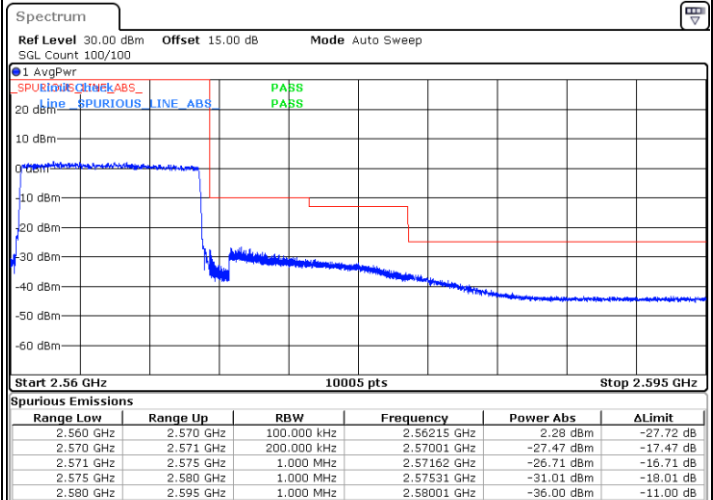
Date: 7.MAR.2024 07:58:02

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:52:14

Highest Band Edge / Full RB

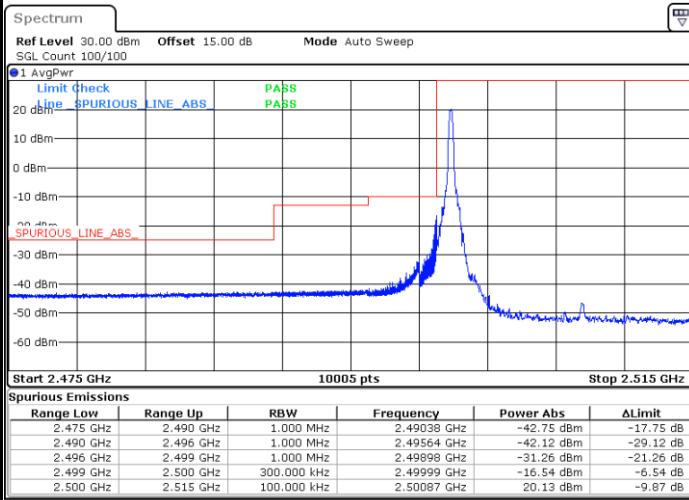


Date: 7.MAR.2024 08:00:23



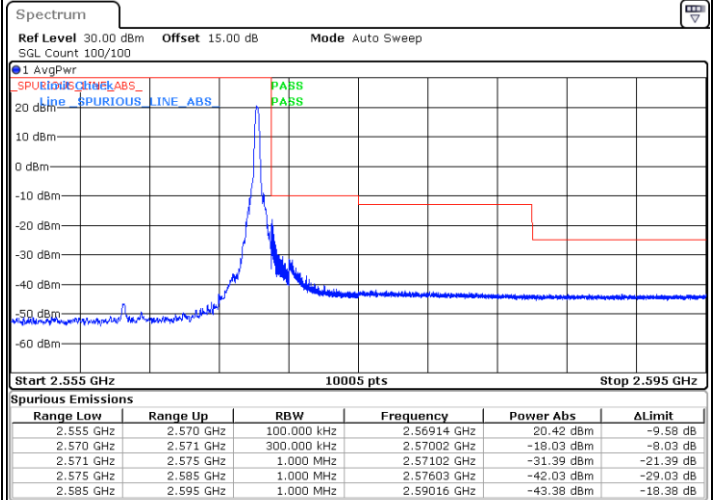
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



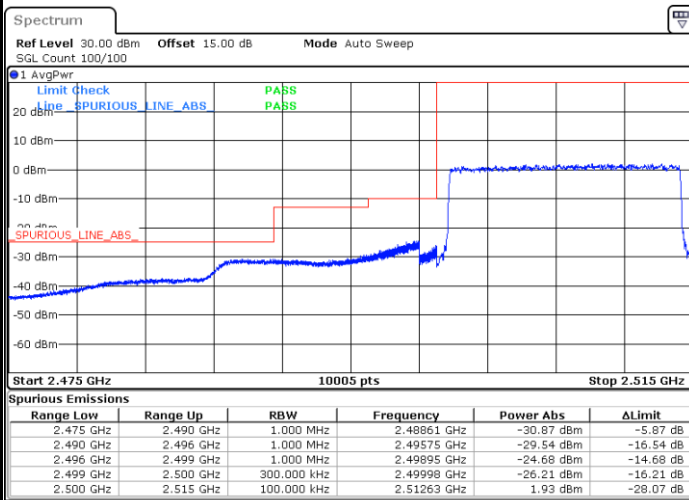
Date: 7.MAR.2024 08:02:59

Highest Band Edge / 1 RB



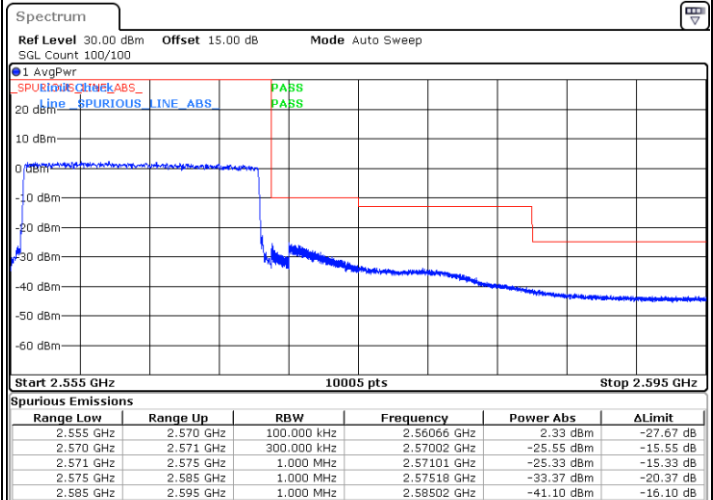
Date: 7.MAR.2024 08:11:11

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:05:22

Highest Band Edge / Full RB

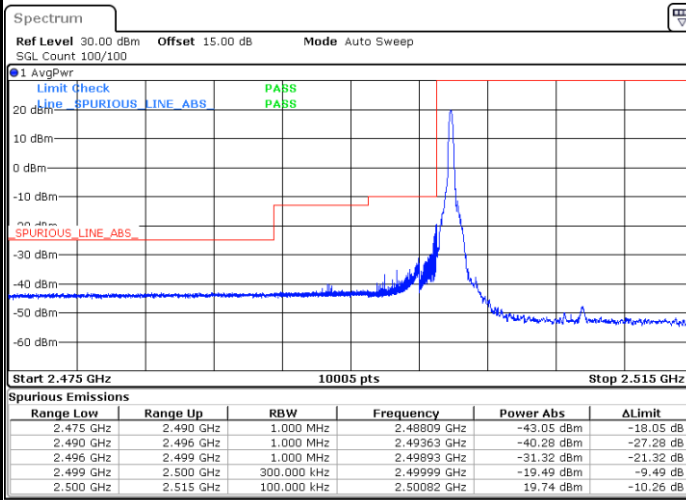


Date: 7.MAR.2024 08:13:32



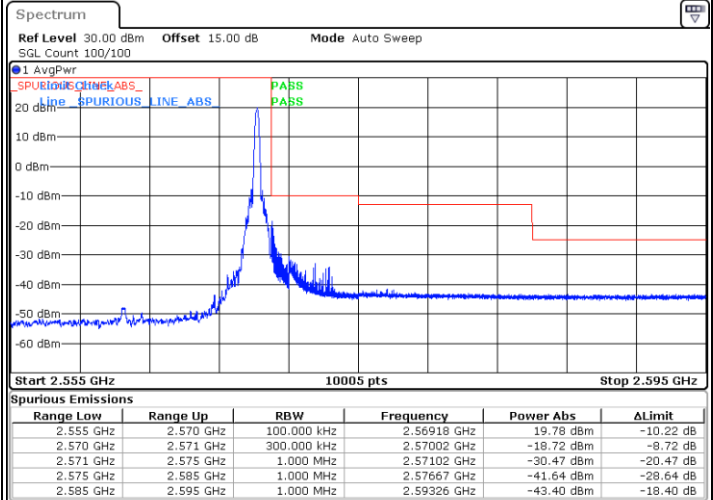
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



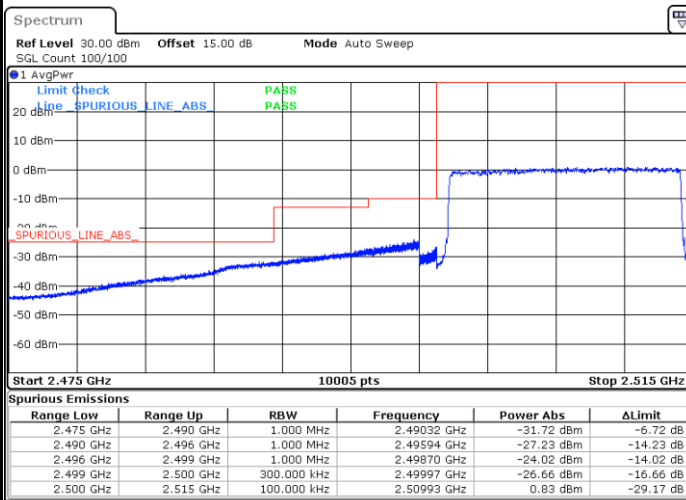
Date: 7.MAR.2024 08:03:47

Highest Band Edge / 1 RB



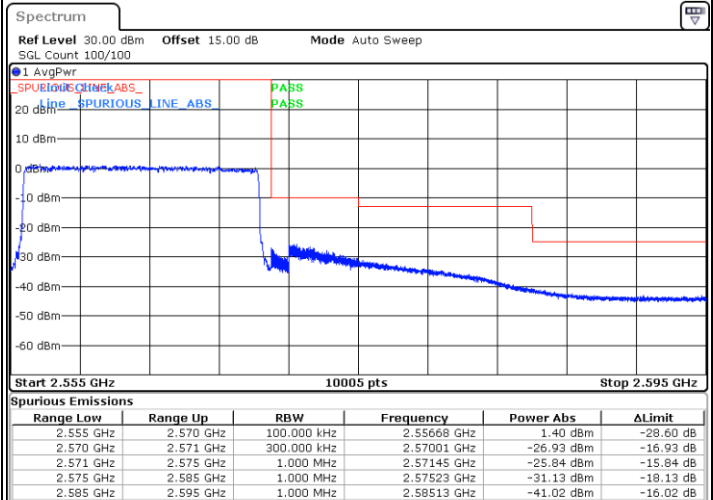
Date: 7.MAR.2024 08:11:58

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:06:09

Highest Band Edge / Full RB

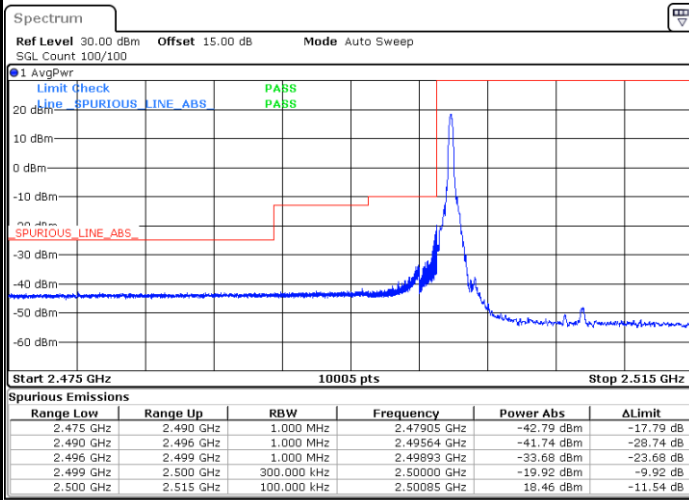


Date: 7.MAR.2024 08:14:19

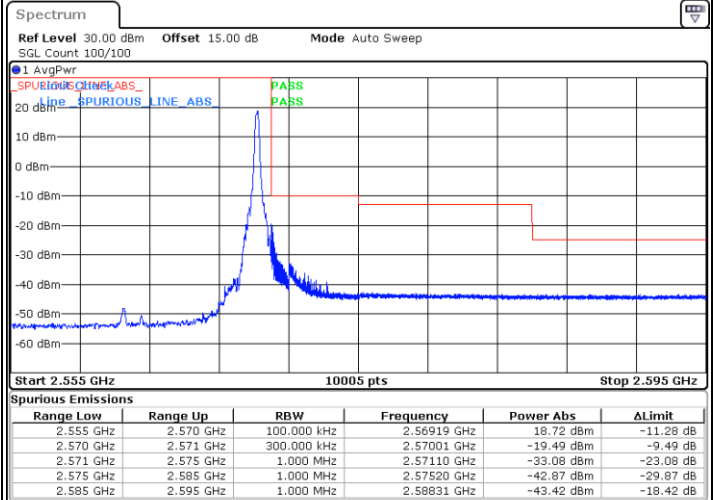


LTE Band 7 / 15MHz / 64QAM

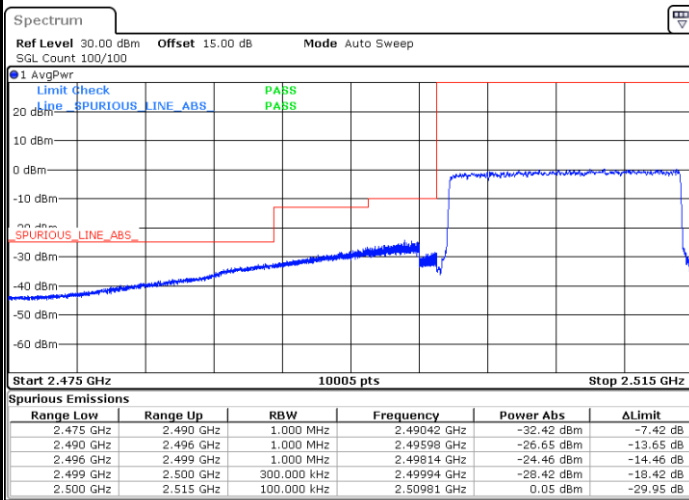
Lowest Band Edge / 1RB



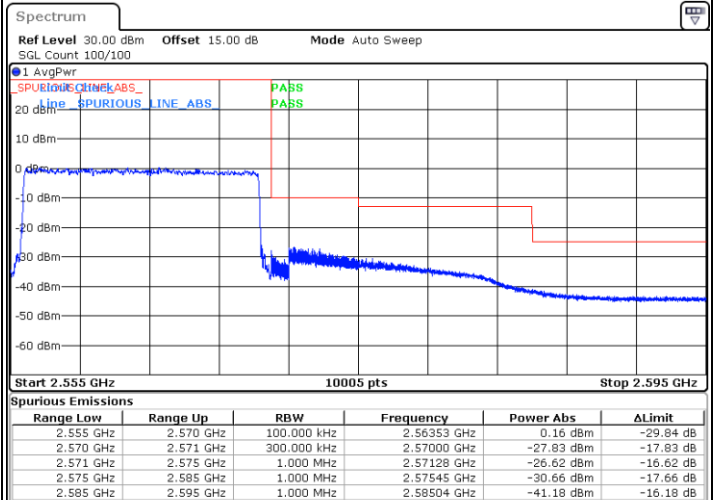
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



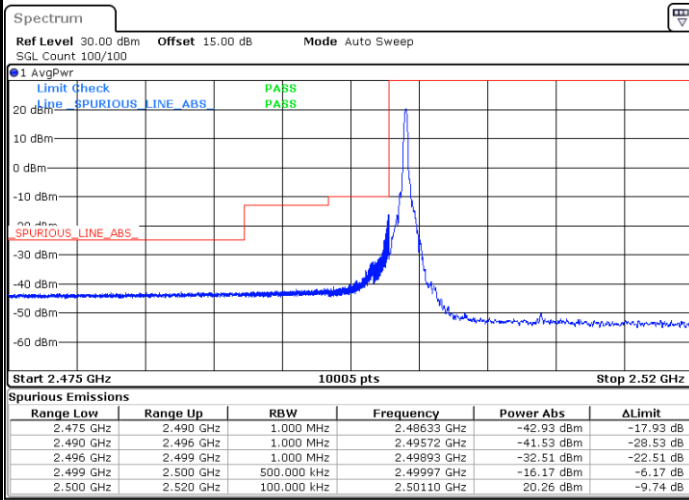
Highest Band Edge / Full RB



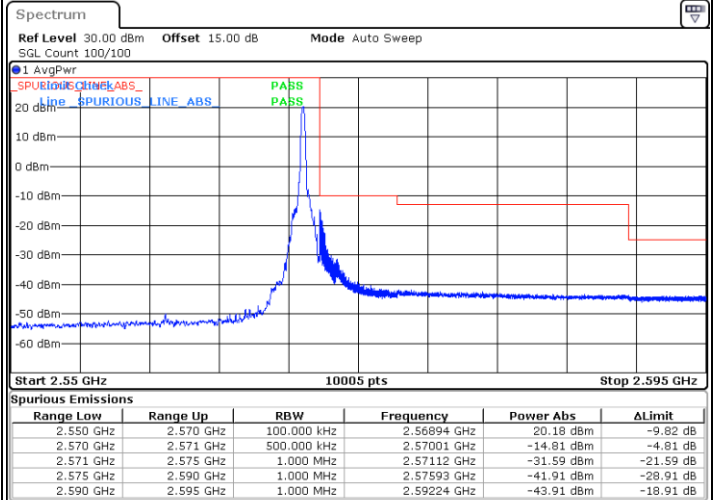


LTE Band 7 / 20MHz / QPSK

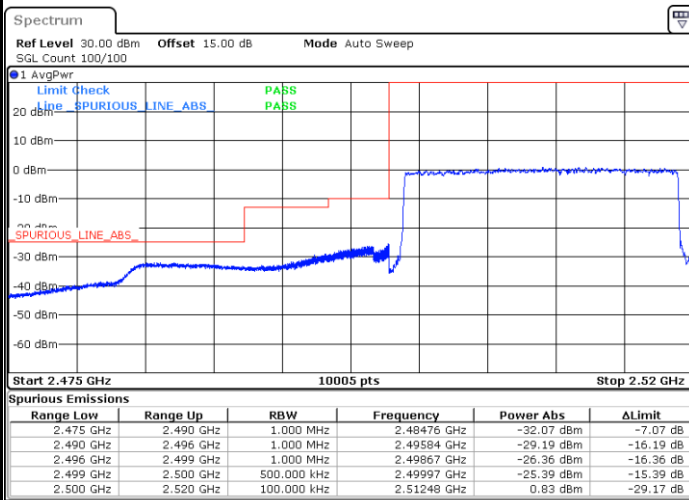
Lowest Band Edge / 1 RB



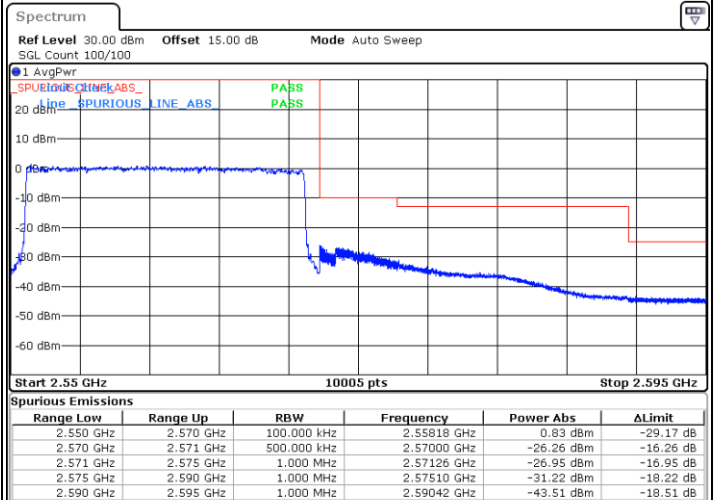
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



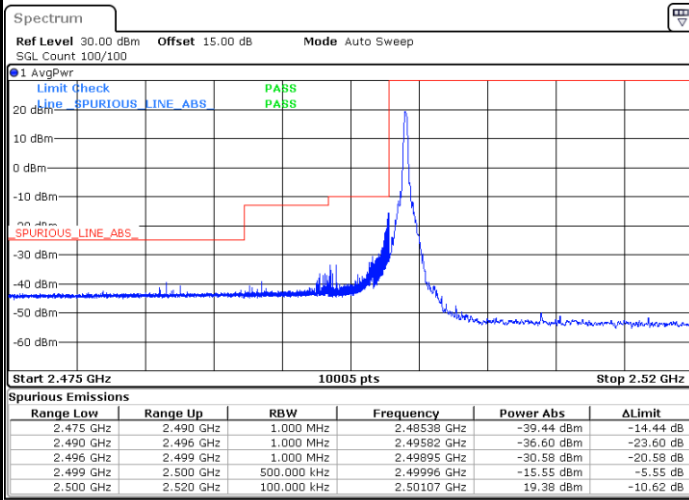
Highest Band Edge / Full RB



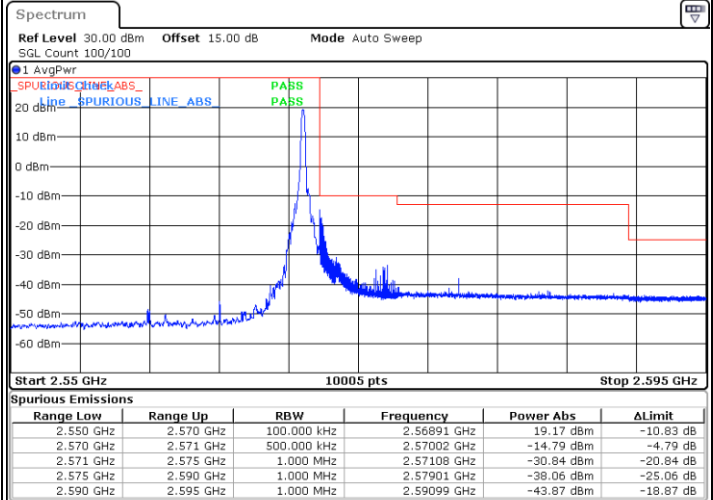


LTE Band 7 / 20MHz / 16QAM

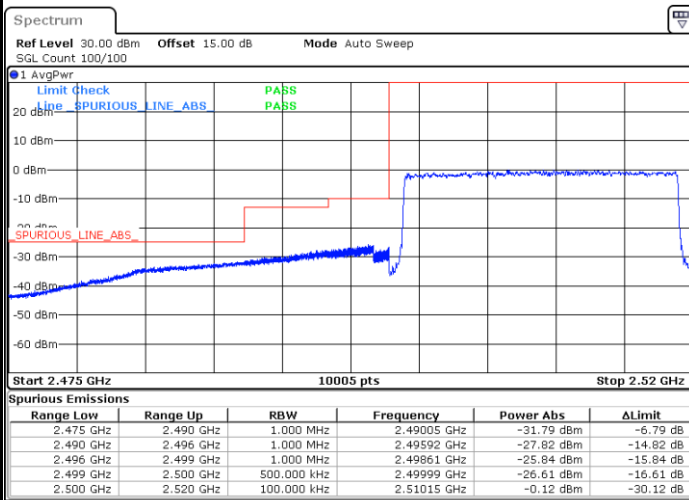
Lowest Band Edge / 1RB



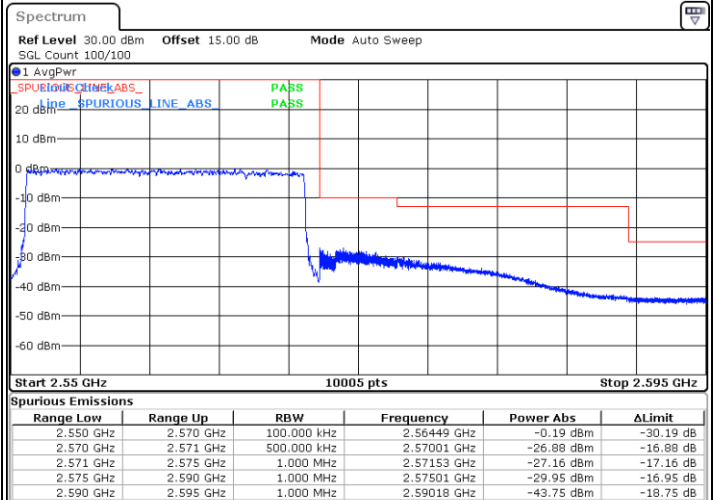
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



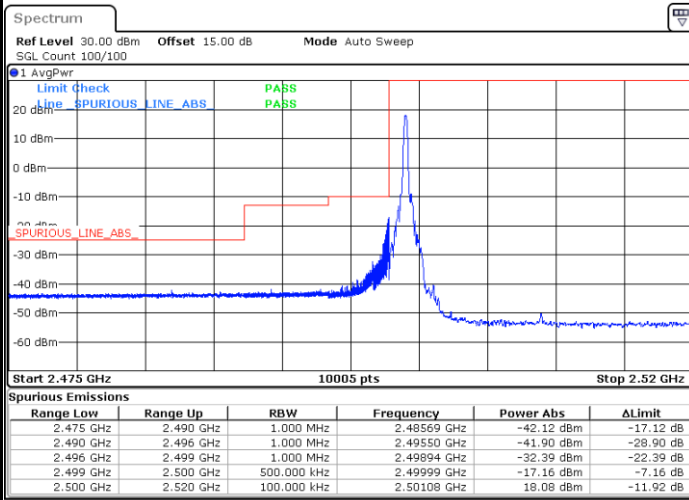
Highest Band Edge / Full RB





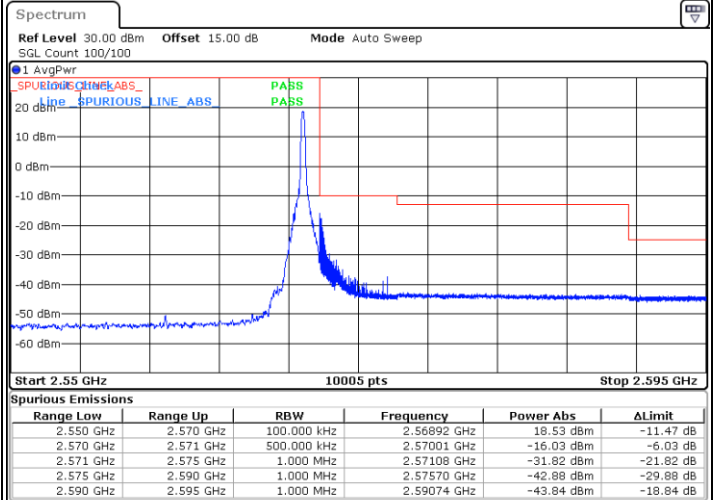
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



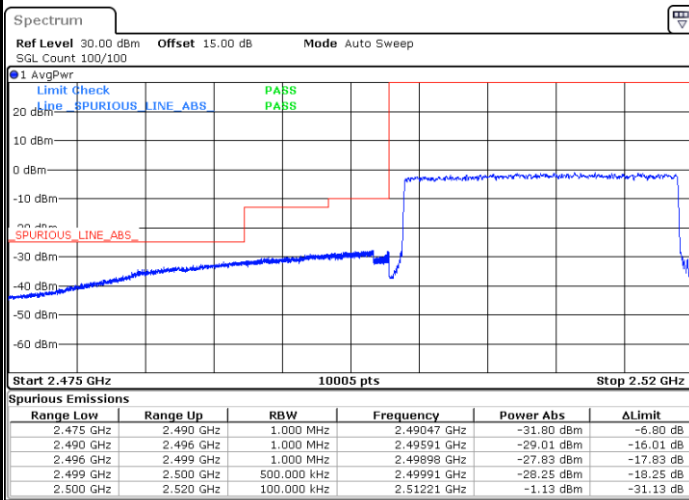
Date: 7.MAR.2024 08:19:17

Highest Band Edge / 1 RB



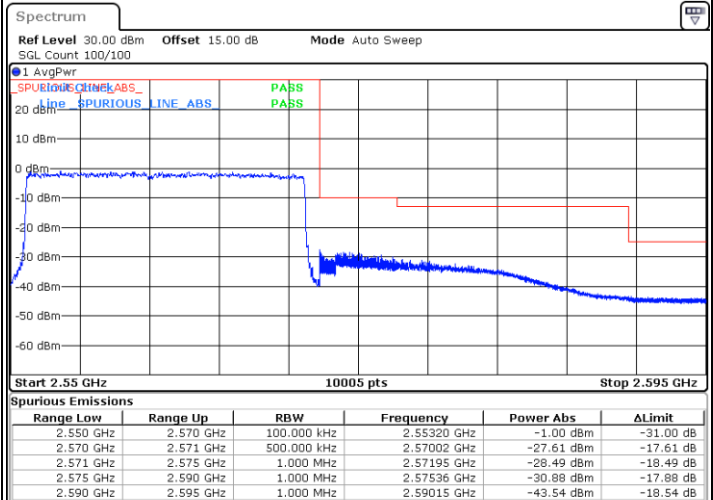
Date: 7.MAR.2024 08:28:51

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:21:40

Highest Band Edge / Full RB



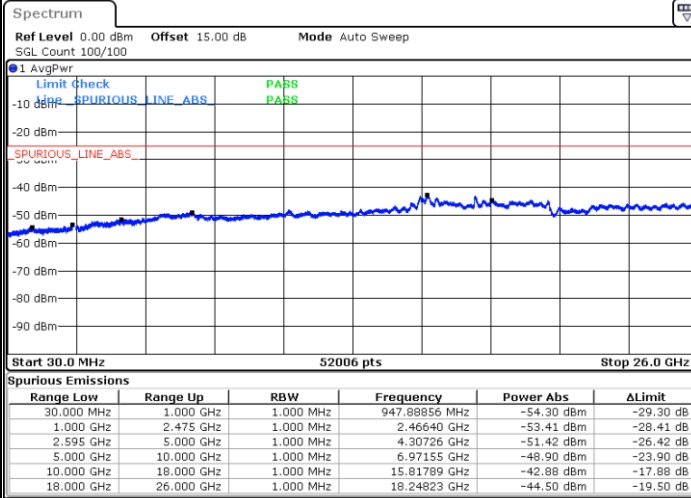
Date: 7.MAR.2024 08:31:12



Conducted Spurious Emission

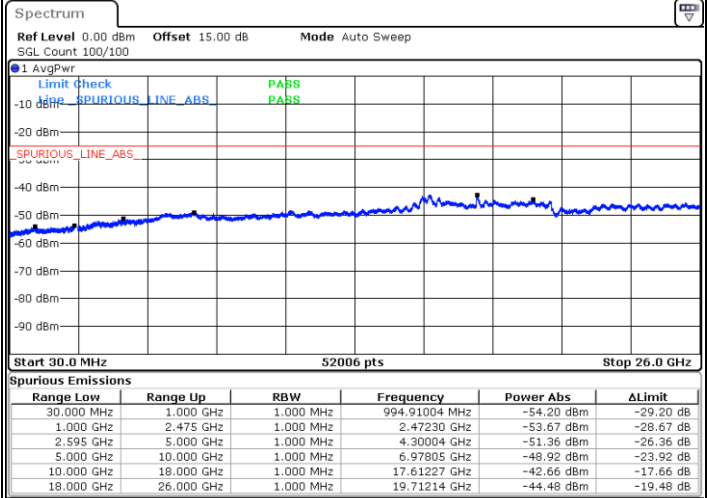
LTE Band 7 / 5MHz

Lowest Channel / QPSK



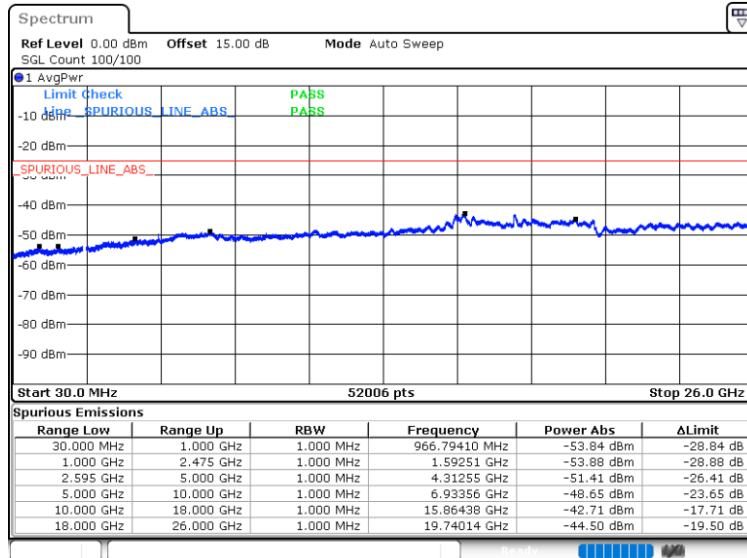
Date: 7.MAR.2024 07:38:38

Middle Channel / QPSK



Date: 7.MAR.2024 07:39:43

Highest Channel / QPSK

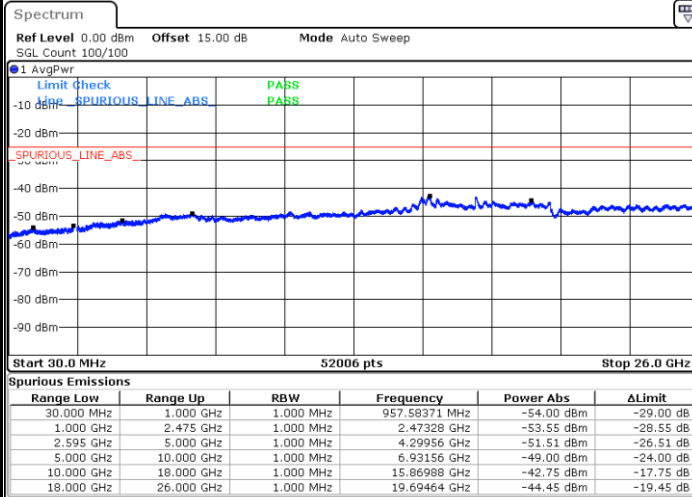


Date: 7.MAR.2024 07:46:49



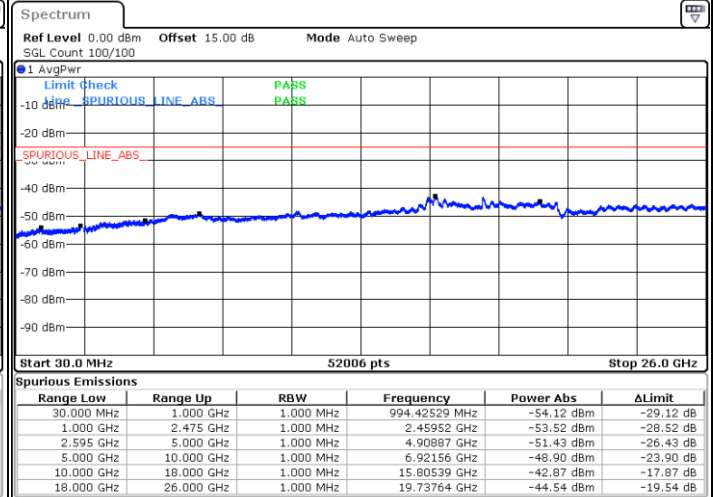
LTE Band 7 / 10MHz

Lowest Channel / QPSK



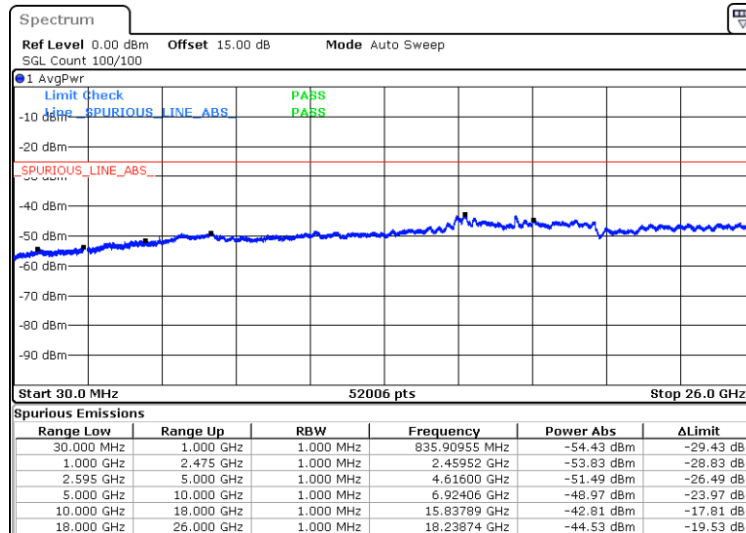
Date: 7.MAR.2024 07:53:19

Middle Channel / QPSK



Date: 7.MAR.2024 07:54:23

Highest Channel / QPSK

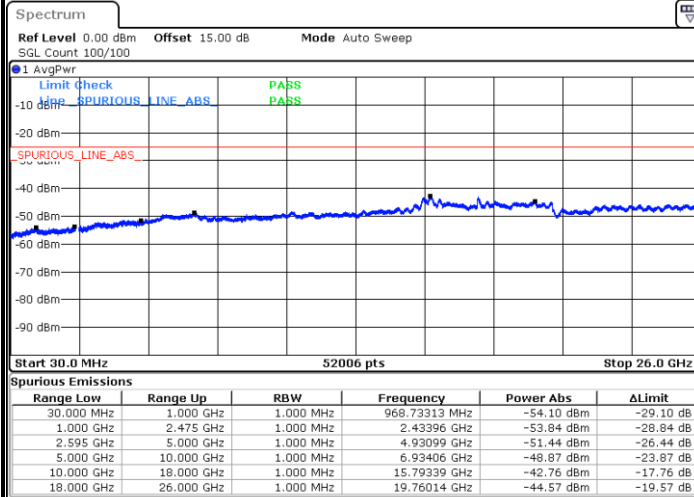


Date: 7.MAR.2024 08:01:29



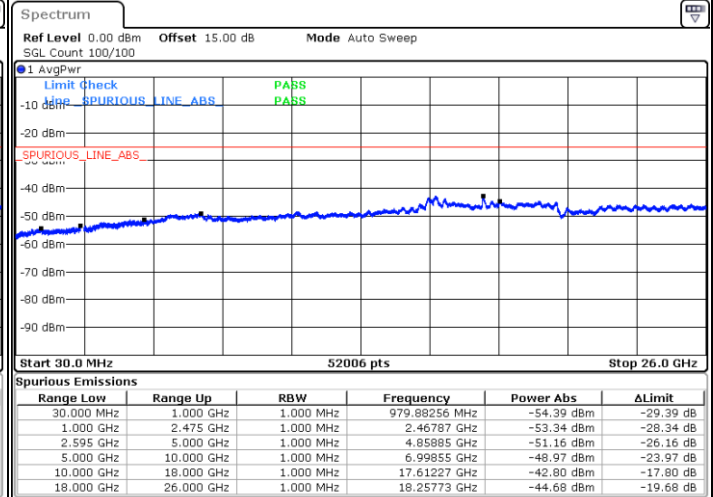
LTE Band 7 / 15MHz

Lowest Channel / QPSK



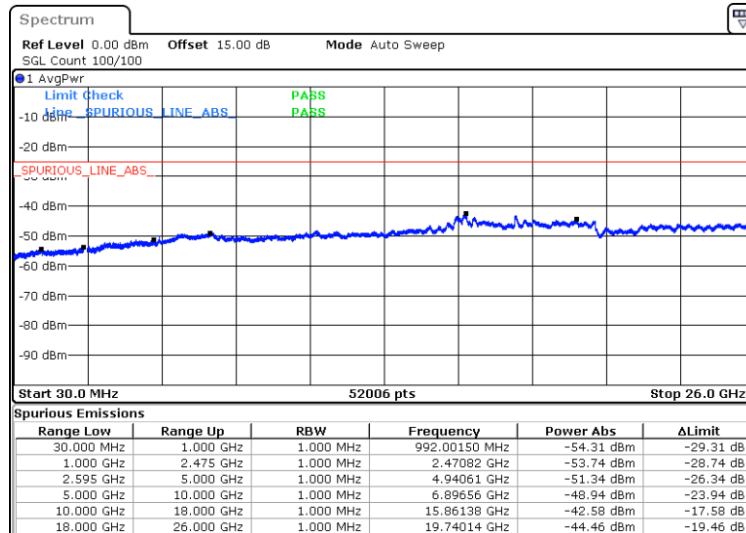
Date: 7.MAR.2024 08:08:02

Middle Channel / QPSK



Date: 7.MAR.2024 08:09:06

Highest Channel / QPSK

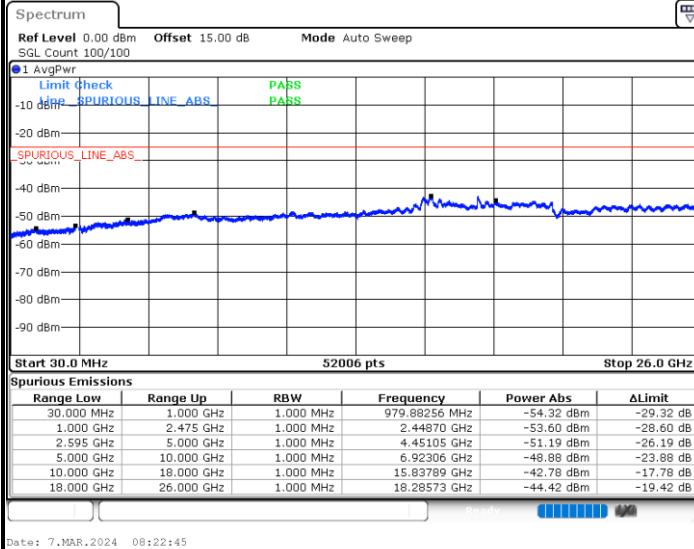


Date: 7.MAR.2024 08:16:12

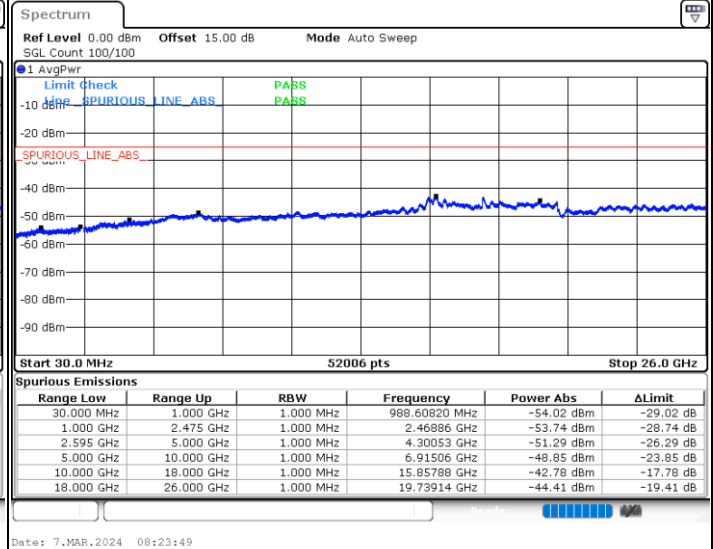


LTE Band 7 / 20MHz

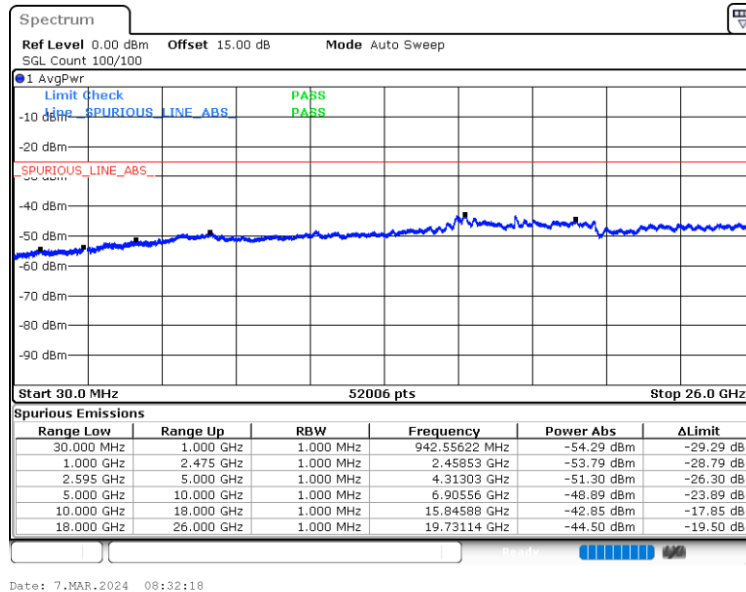
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0059	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

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

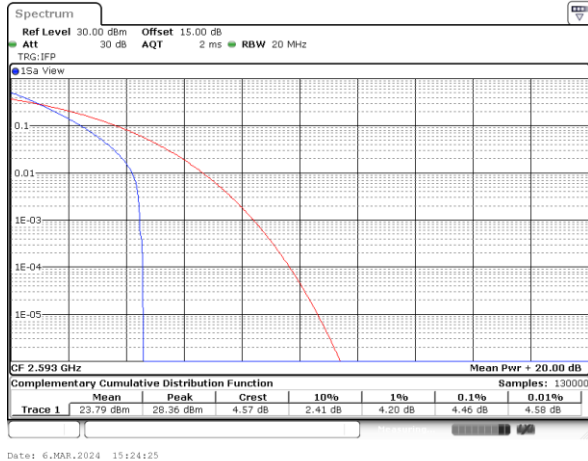
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.57	6.32	PASS



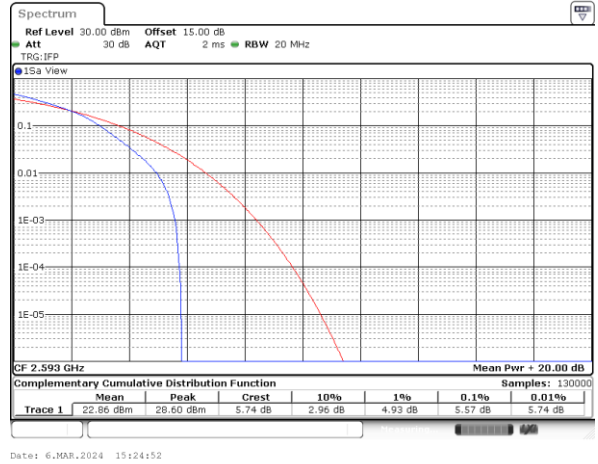
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



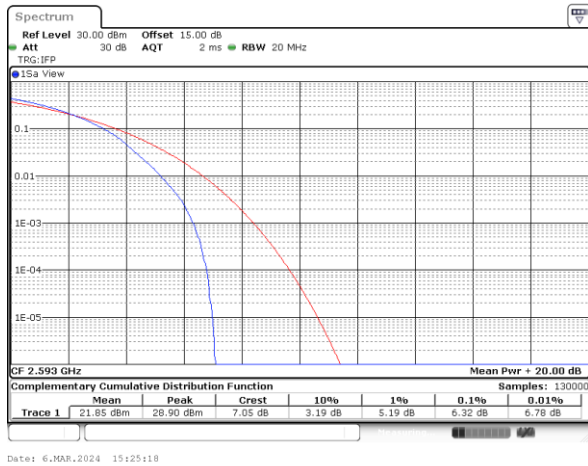
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





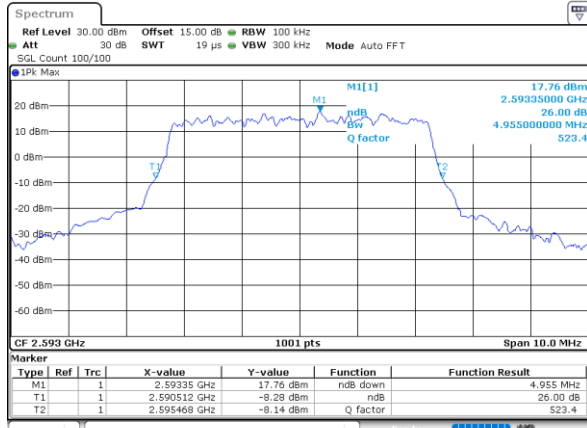
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.96	4.90	10.33	9.63	14.15	14.66	18.82	18.74



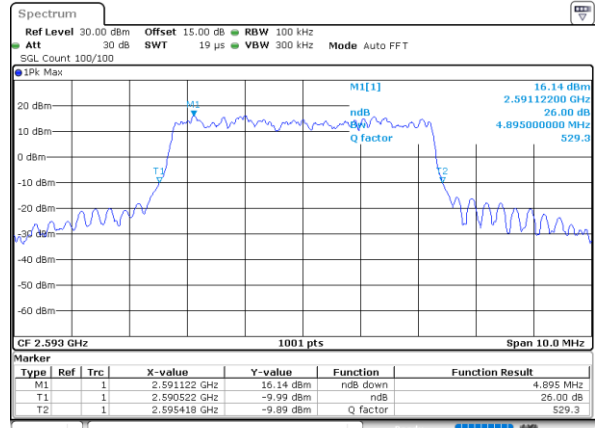
LTE Band 41

Middle Channel / 5MHz / QPSK



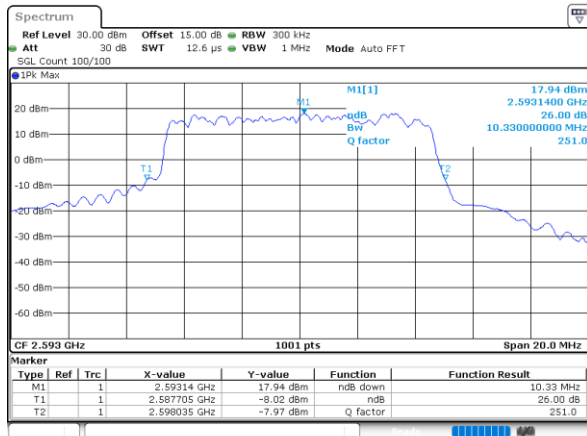
Date: 6,MAR,2024 14:29:27

Middle Channel / 5MHz / 16QAM



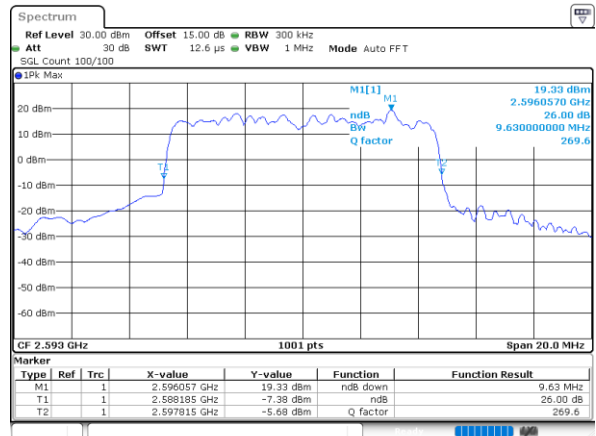
Date: 6,MAR,2024 14:30:07

Middle Channel / 10MHz / QPSK



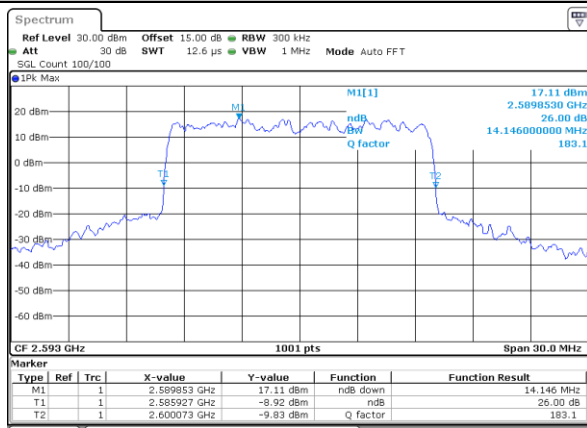
Date: 6,MAR,2024 14:47:42

Middle Channel / 10MHz / 16QAM



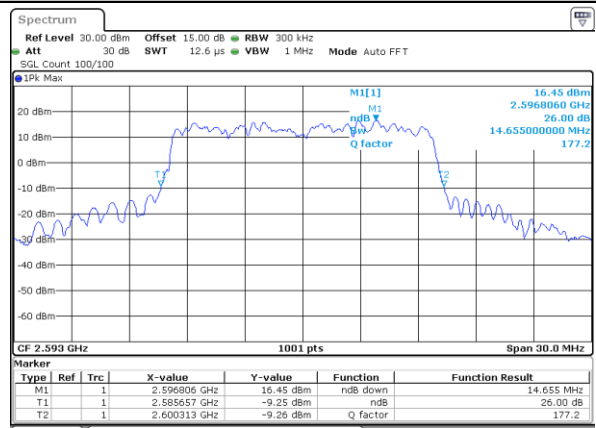
Date: 6,MAR,2024 14:48:21

Middle Channel / 15MHz / QPSK



Date: 6,MAR,2024 15:05:30

Middle Channel / 15MHz / 16QAM

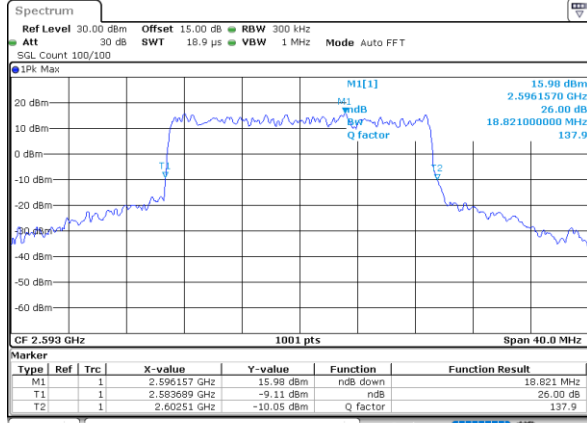


Date: 6,MAR,2024 15:06:09



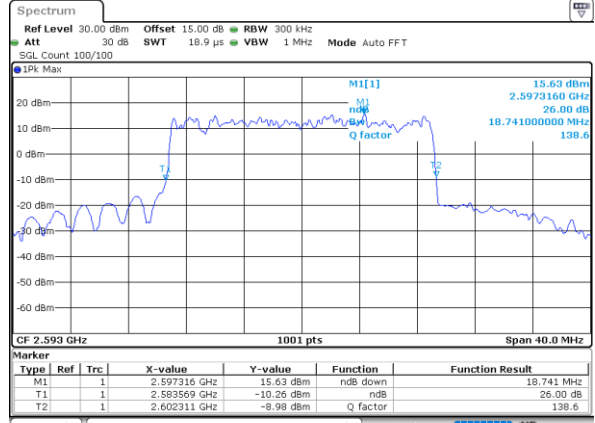
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.MAR.2024 15:23:19

Middle Channel / 20MHz / 16QAM



Date: 6.MAR.2024 15:23:58



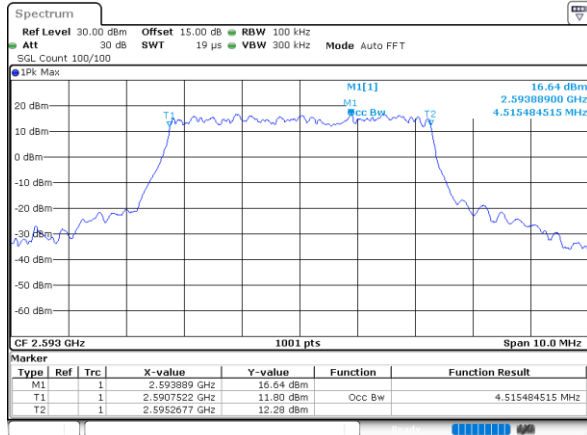
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.52	4.45	9.03	8.99	13.40	13.43	17.98	17.86



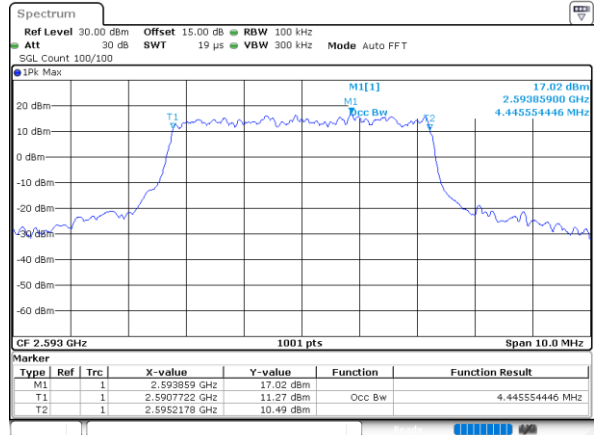
LTE Band 41

Middle Channel / 5MHz / QPSK



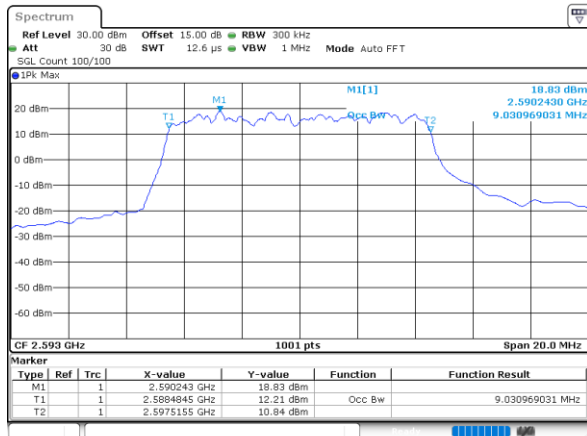
Date: 6,MAR,2024 14:29:13

Middle Channel / 5MHz / 16QAM



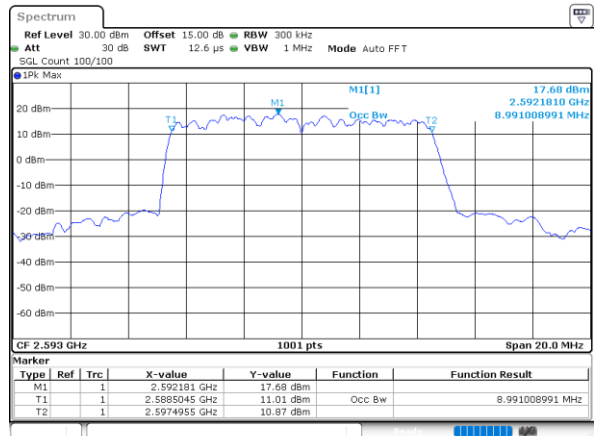
Date: 6,MAR,2024 14:29:53

Middle Channel / 10MHz / QPSK



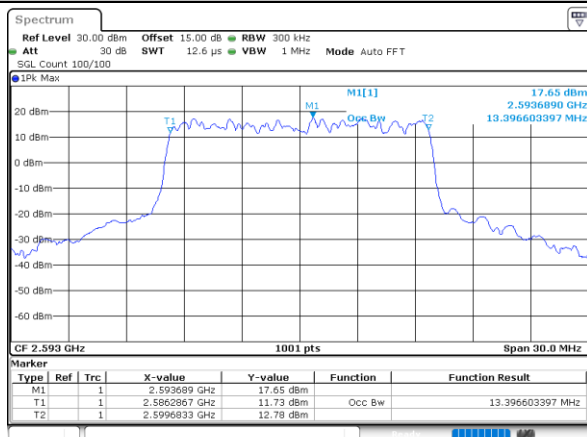
Date: 6,MAR,2024 14:47:28

Middle Channel / 10MHz / 16QAM



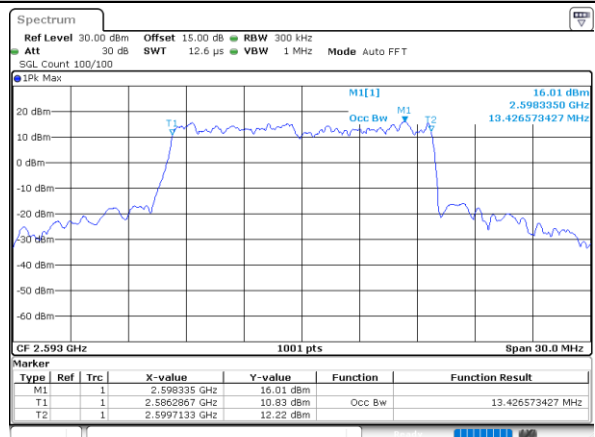
Date: 6,MAR,2024 14:48:07

Middle Channel / 15MHz / QPSK



Date: 6,MAR,2024 15:05:16

Middle Channel / 15MHz / 16QAM

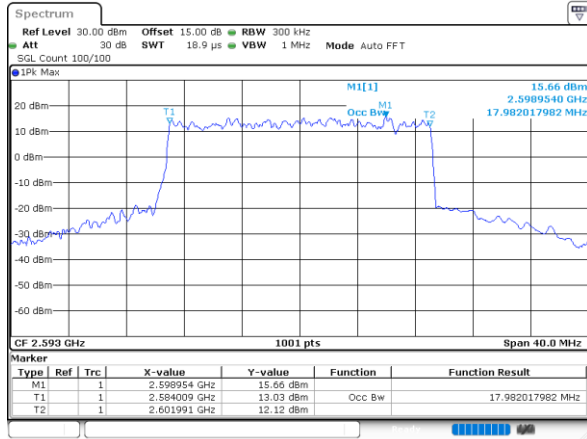


Date: 6,MAR,2024 15:05:56



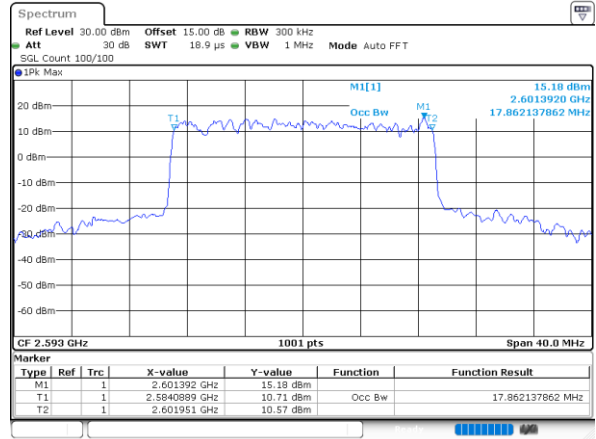
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.MAR.2024 15:23:05

Middle Channel / 20MHz / 16QAM



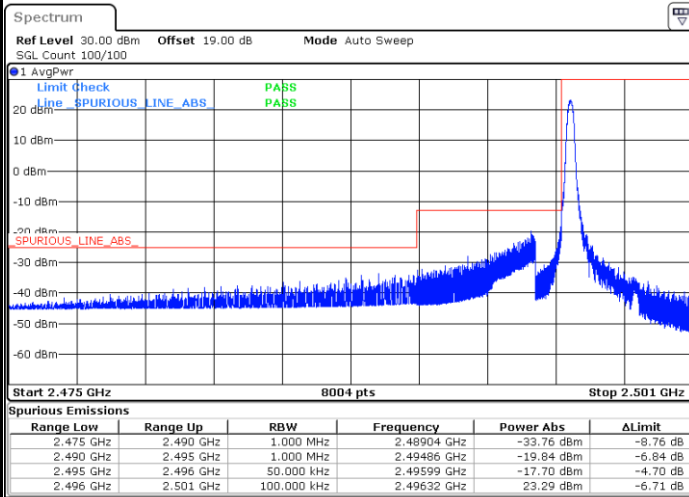
Date: 6.MAR.2024 15:23:44



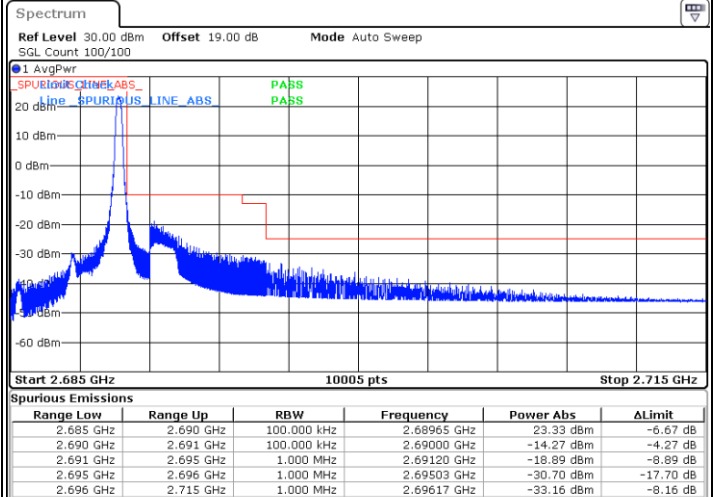
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

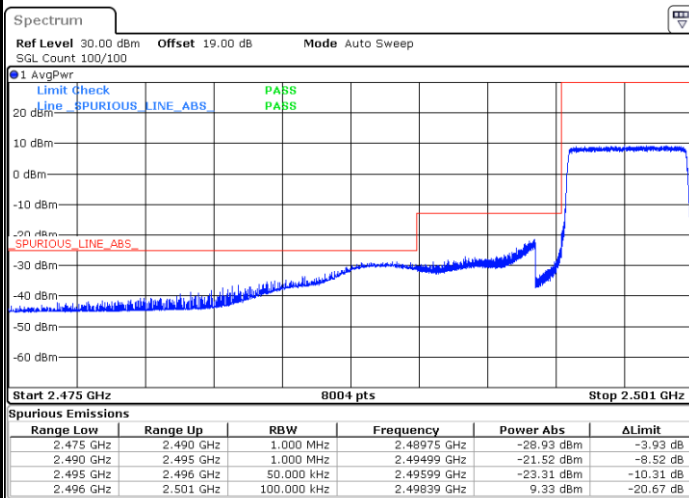
Lowest Band Edge / 1 RB



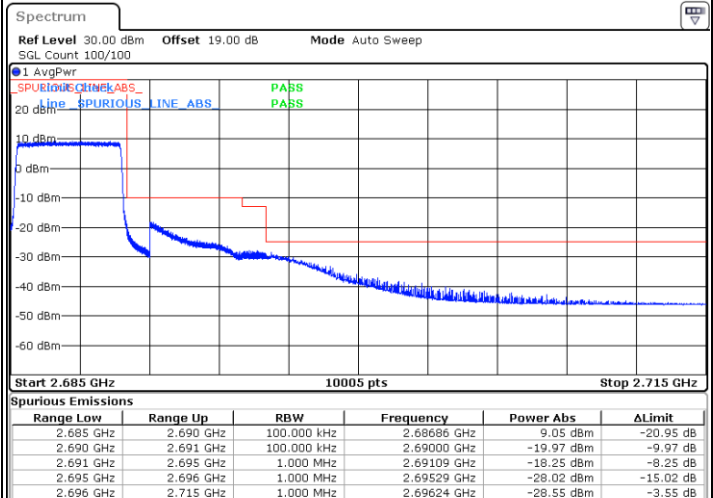
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



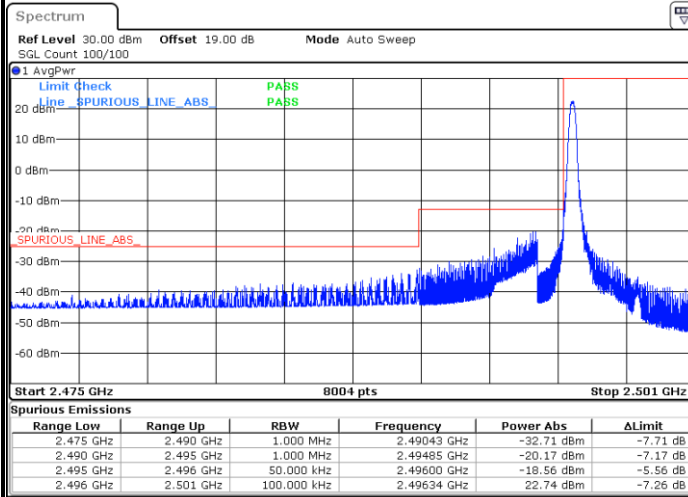
Highest Band Edge / Full RB





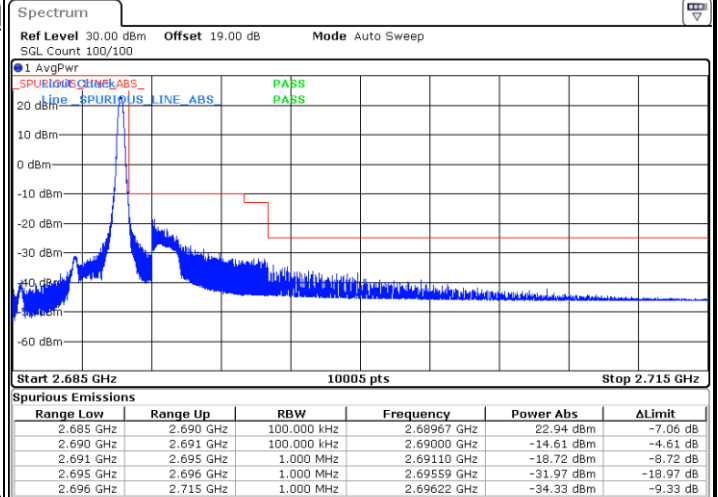
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



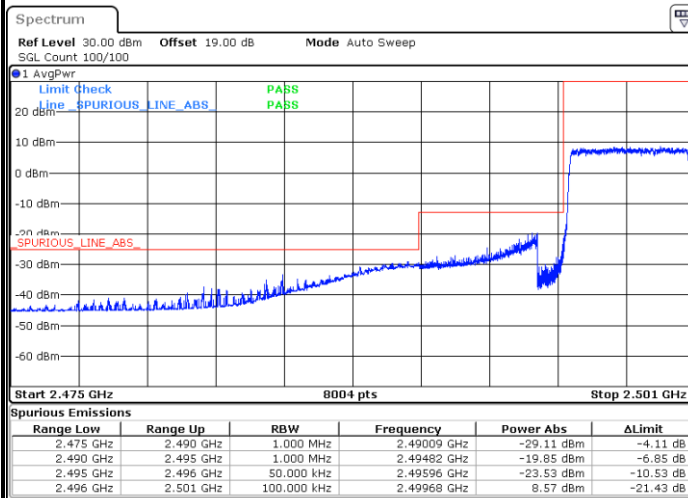
Date: 6.MAR.2024 14:22:01

Highest Band Edge / 1 RB



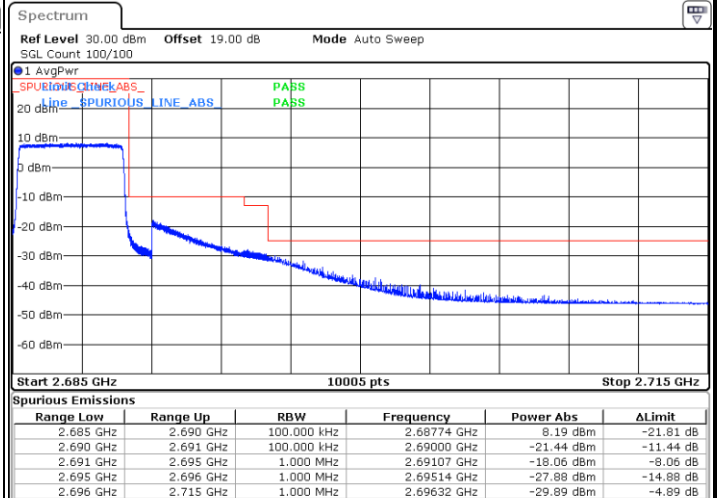
Date: 6.MAR.2024 14:32:22

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB

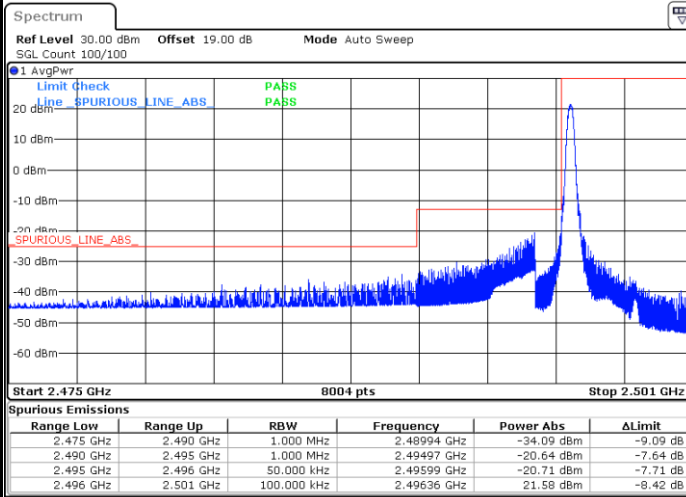


Date: 6.MAR.2024 14:35:34



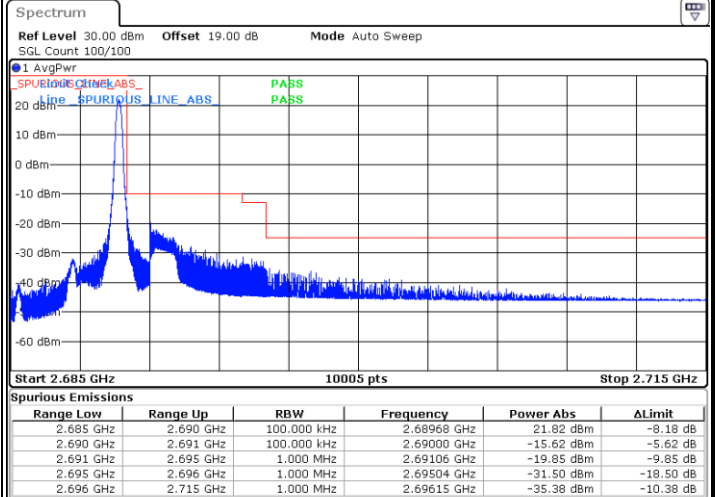
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



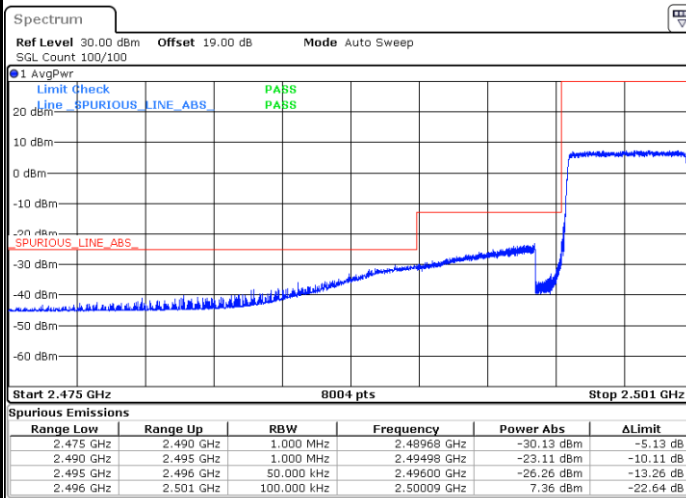
Date: 6.MAR.2024 14:23:04

Highest Band Edge / 1 RB



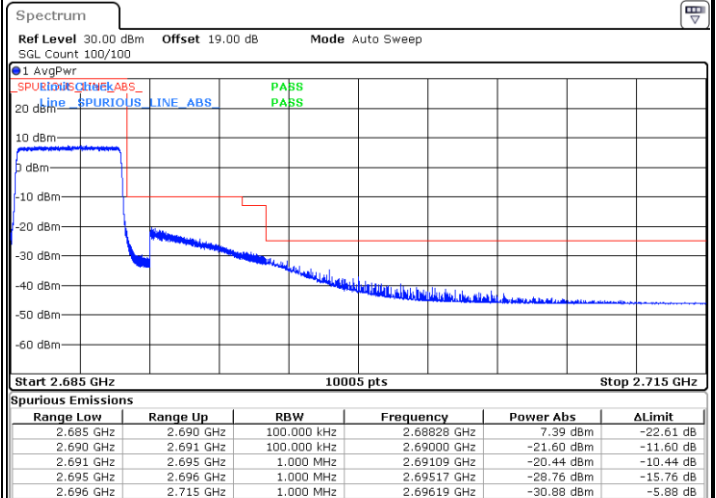
Date: 6.MAR.2024 14:33:26

Lowest Band Edge / Full RB



Date: 6.MAR.2024 14:24:12

Highest Band Edge / Full RB

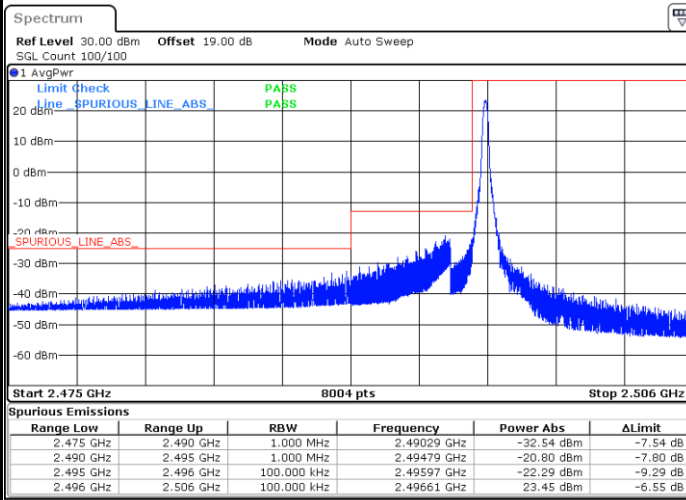


Date: 6.MAR.2024 14:34:30

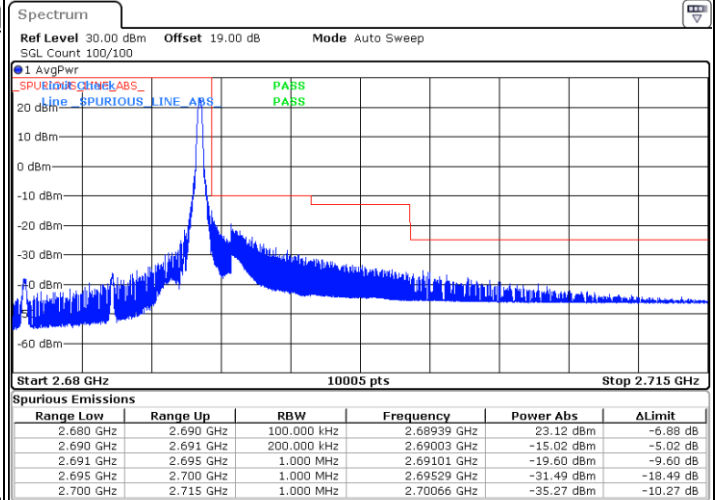


LTE Band 41 / 10MHz / QPSK

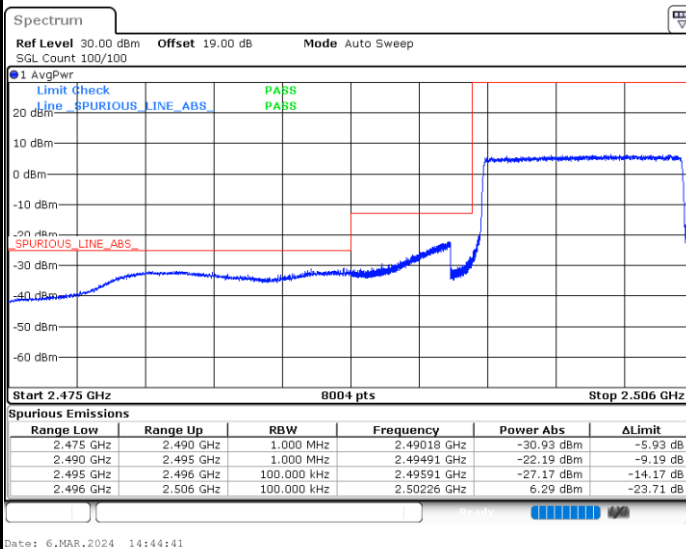
Lowest Band Edge / 1 RB



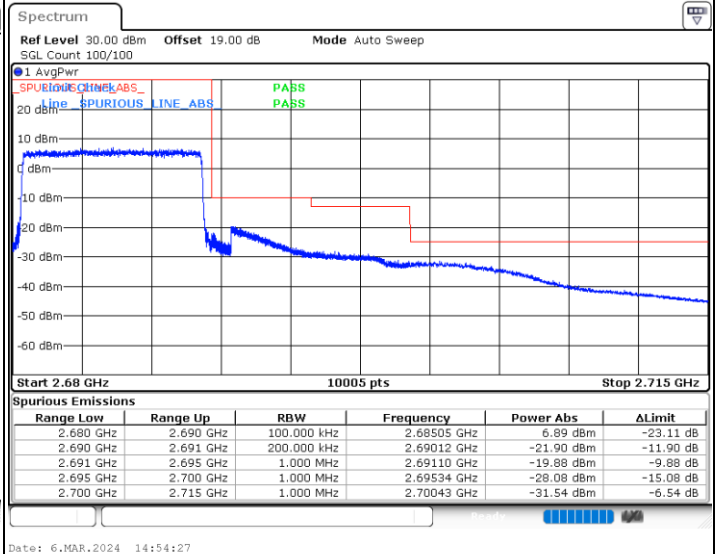
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



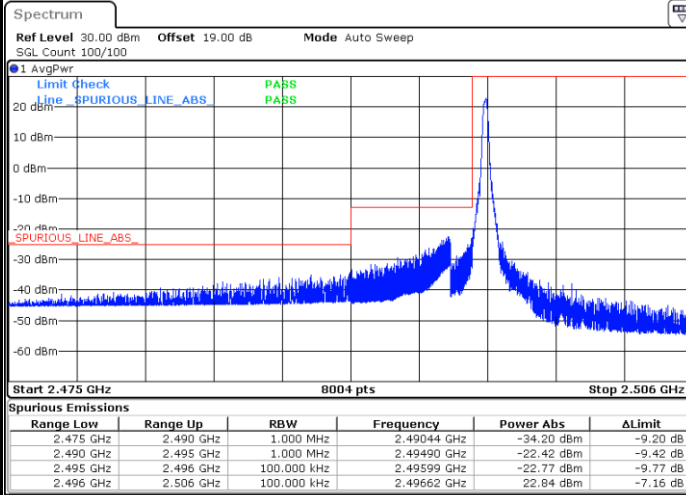
Highest Band Edge / Full RB





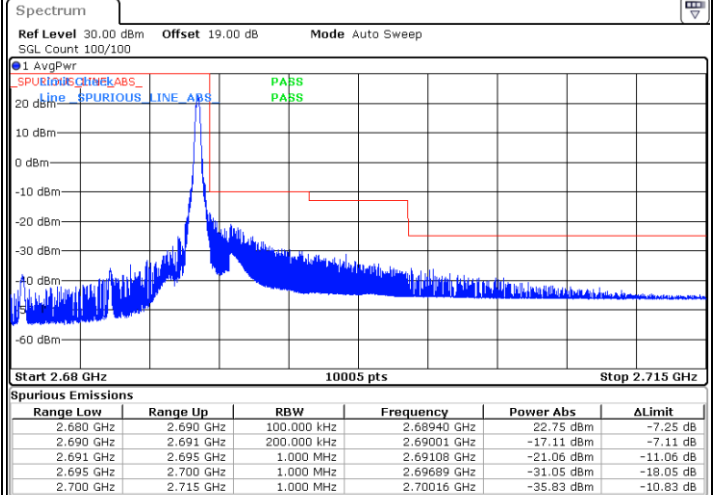
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



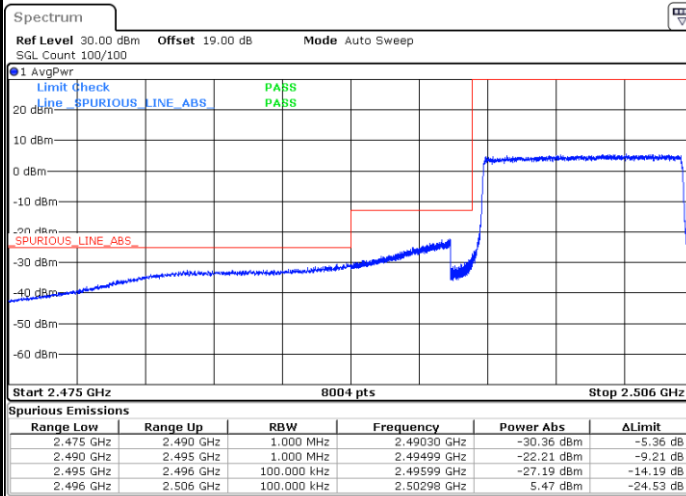
Date: 6.MAR.2024 14:40:35

Highest Band Edge / 1 RB



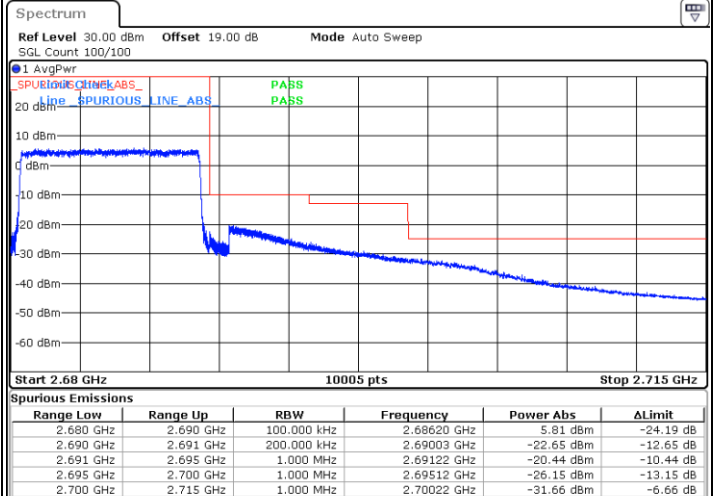
Date: 6.MAR.2024 14:50:22

Lowest Band Edge / Full RB



Date: 6.MAR.2024 14:43:40

Highest Band Edge / Full RB



Date: 6.MAR.2024 14:53:26