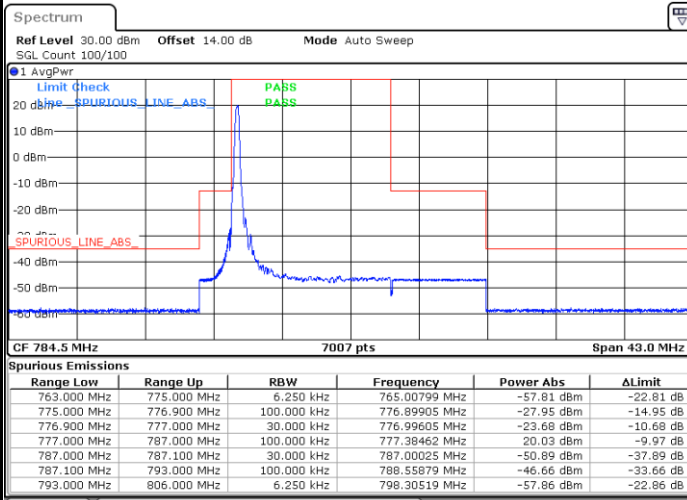




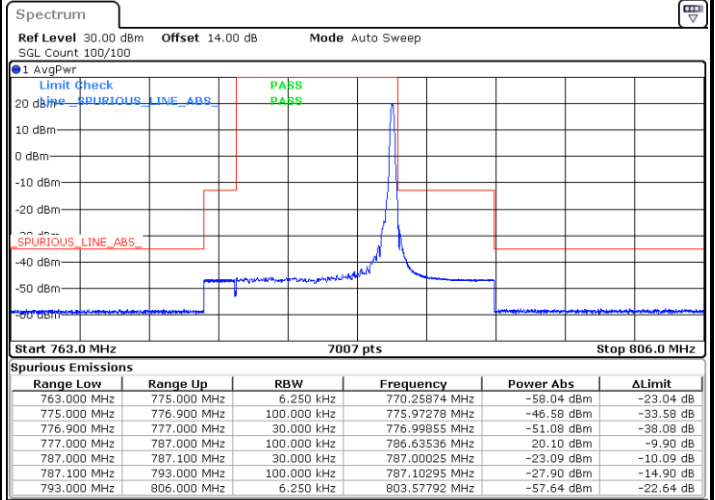
IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



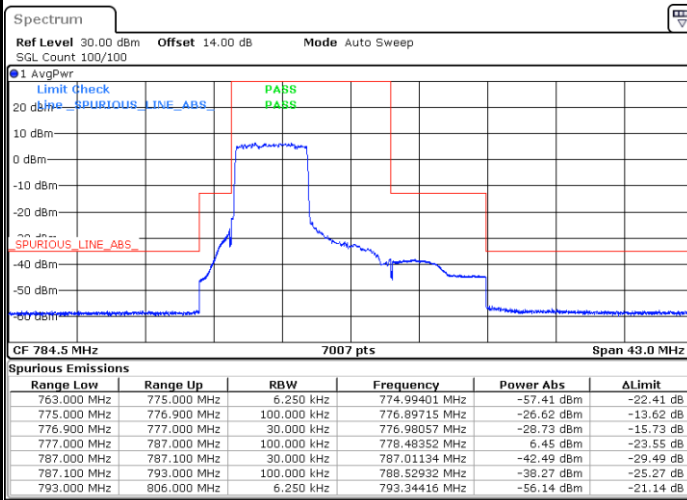
Date: 19.FEB.2024 16:33:55

Highest Band Edge / 1 RB



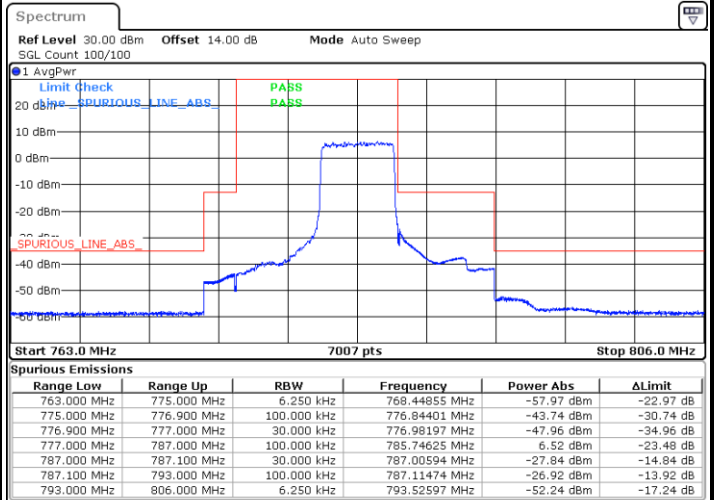
Date: 19.FEB.2024 16:40:00

Lowest Band Edge / Full RB



Date: 19.FEB.2024 16:30:58

Highest Band Edge / Full RB

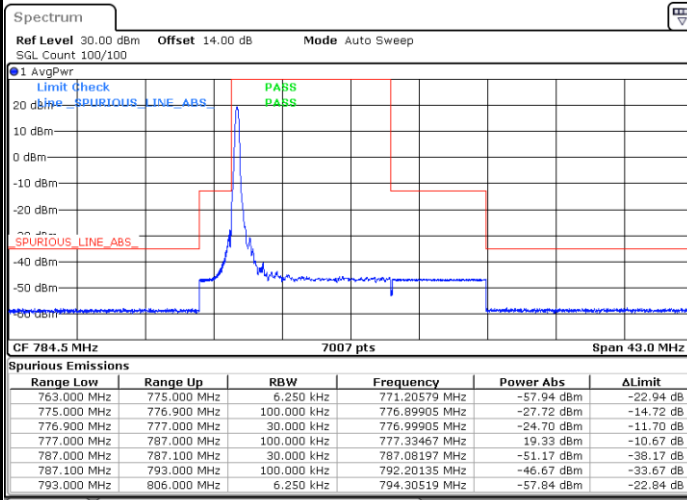


Date: 19.FEB.2024 16:36:57



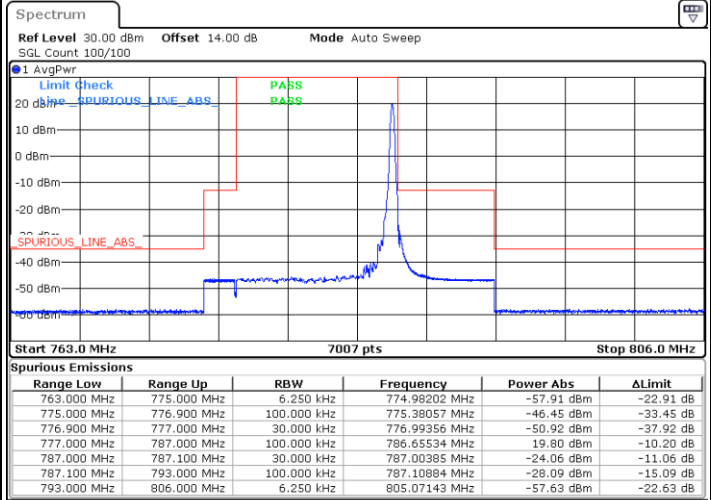
IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



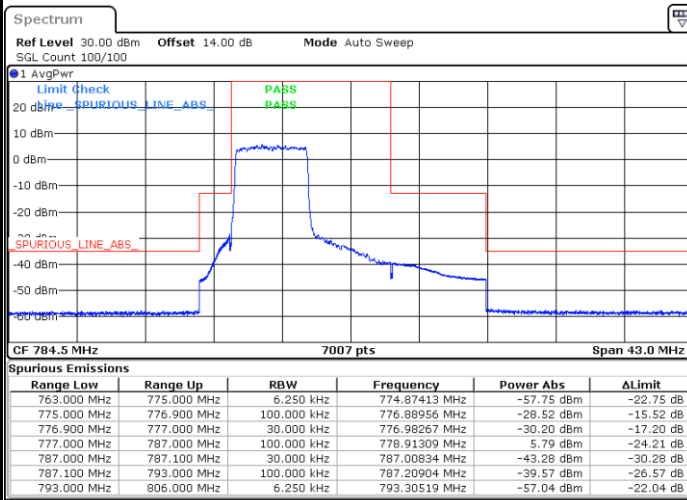
Date: 19.FEB.2024 16:34:56

Highest Band Edge / 1 RB



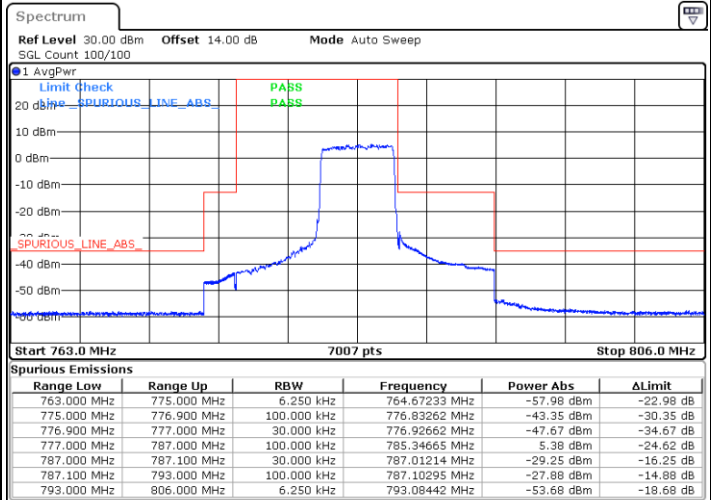
Date: 19.FEB.2024 16:41:00

Lowest Band Edge / Full RB



Date: 19.FEB.2024 16:31:54

Highest Band Edge / Full RB

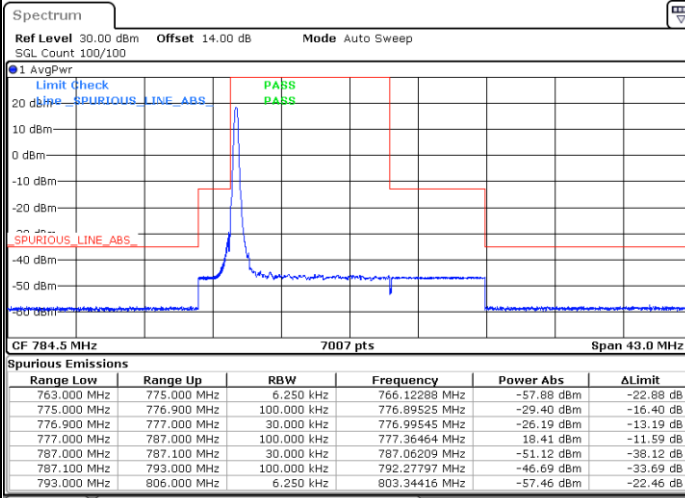


Date: 19.FEB.2024 16:37:58



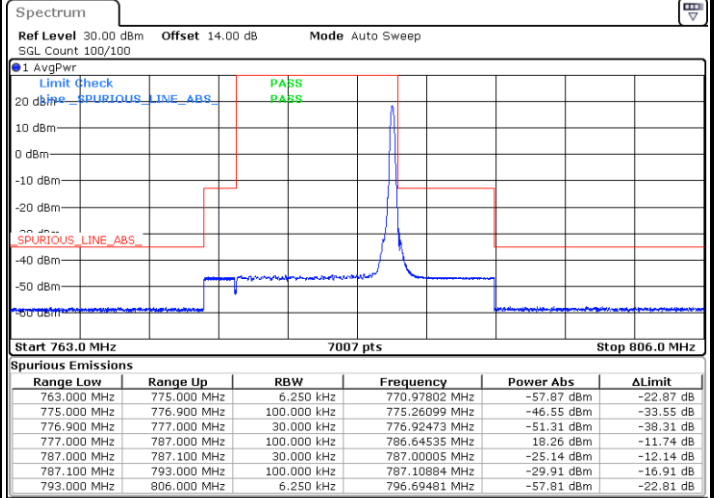
IC LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



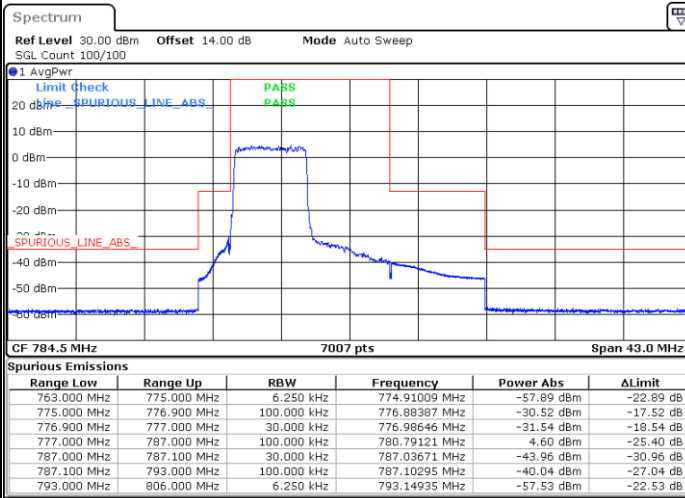
Date: 19.FEB.2024 16:35:56

Highest Band Edge / 1 RB



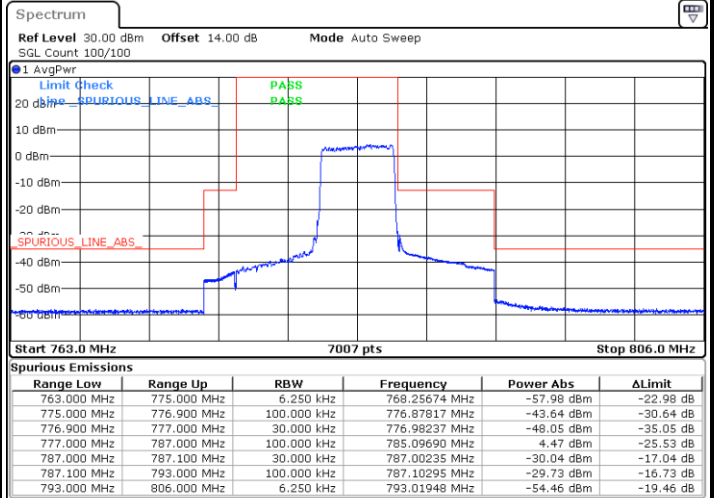
Date: 19.FEB.2024 16:42:01

Lowest Band Edge / Full RB



Date: 19.FEB.2024 16:32:54

Highest Band Edge / Full RB



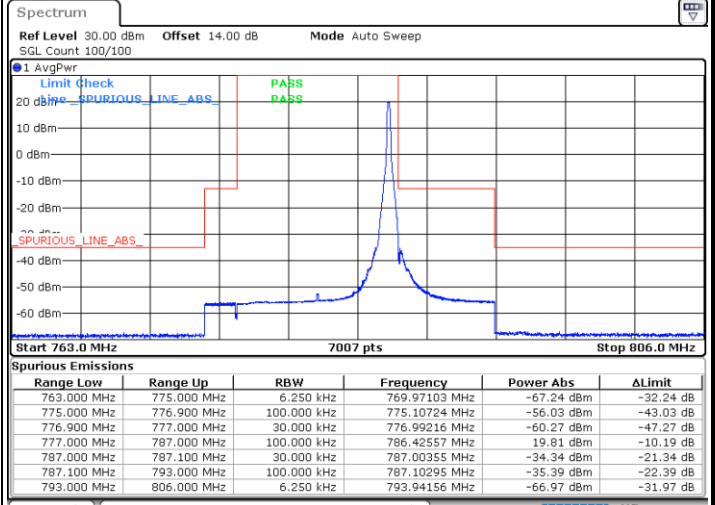
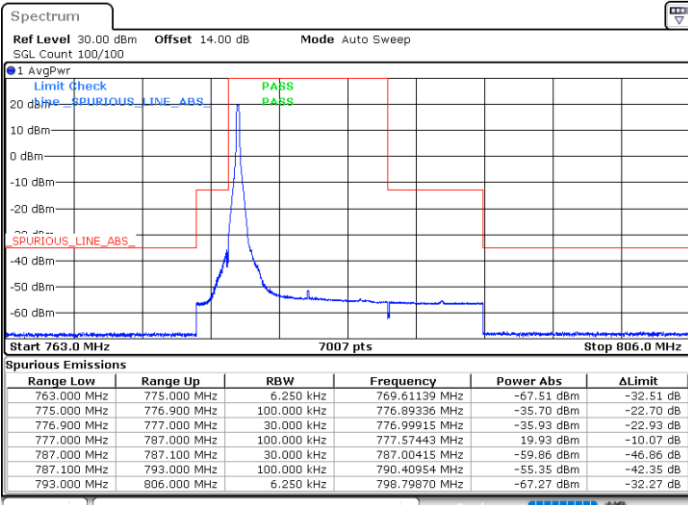
Date: 19.FEB.2024 16:38:59



IC LTE Band 13 / 10MHz / QPSK

Band Edge / 1 RB

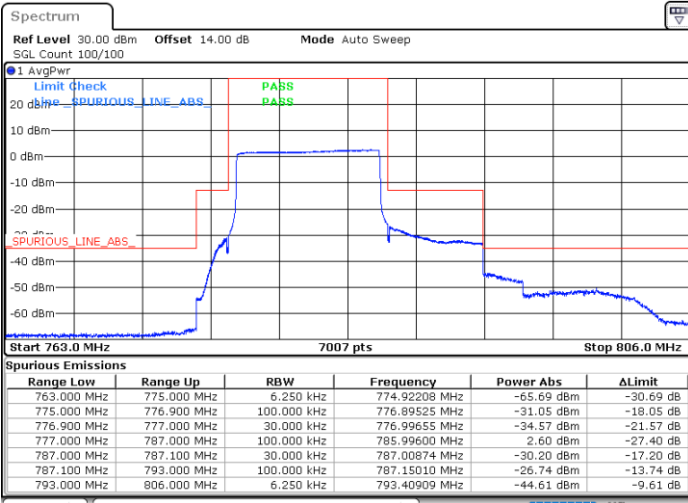
Band Edge / 1 RB



Date: 1.MAR.2024 06:30:49

Date: 1.MAR.2024 06:39:18

Band Edge / Full RB



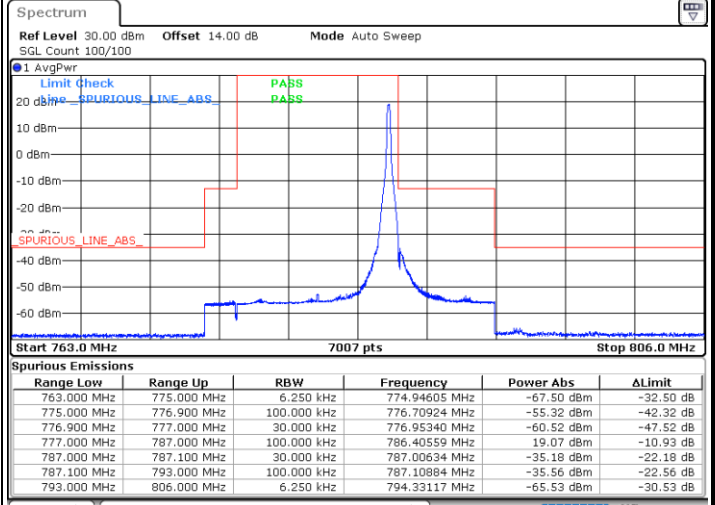
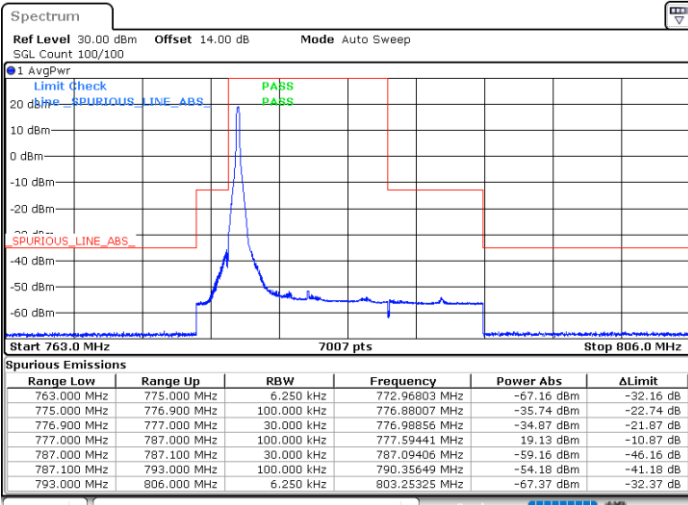
Date: 1.MAR.2024 06:40:38



IC LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

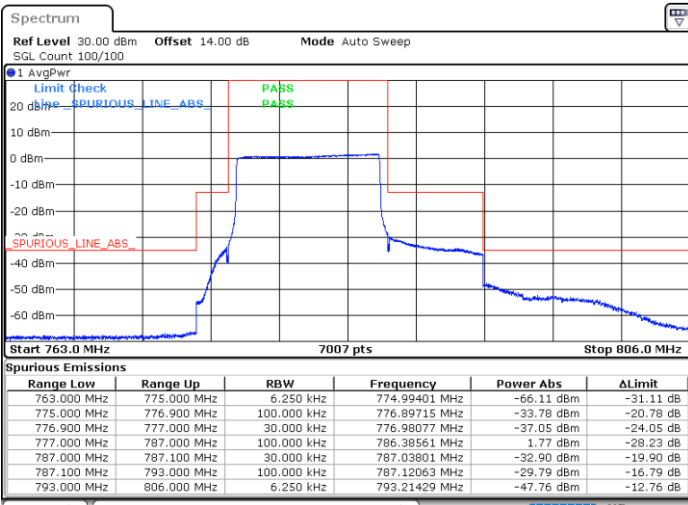
Band Edge / 1 RB



Date: 1.MAR.2024 06:33:55

Date: 1.MAR.2024 06:37:57

Band Edge / Full RB



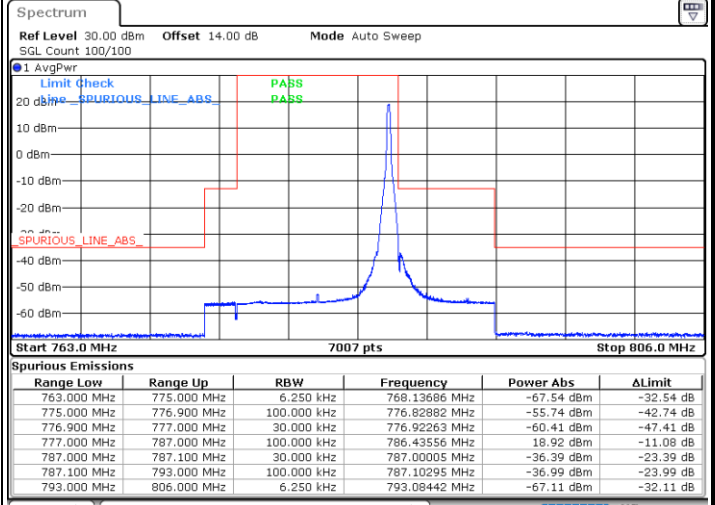
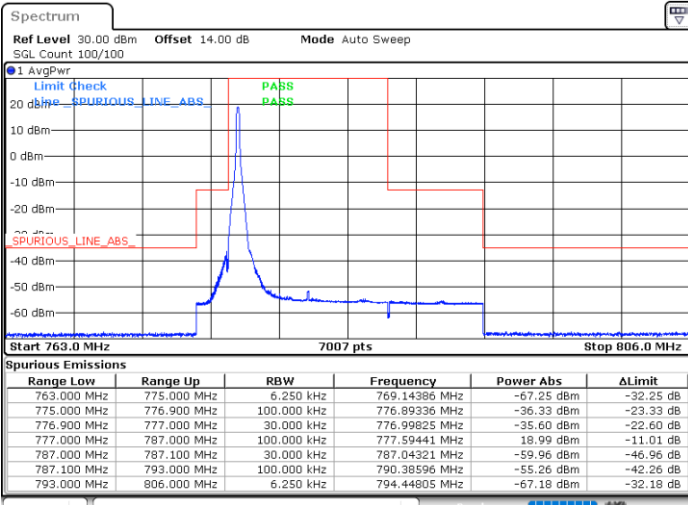
Date: 1.MAR.2024 06:41:59



IC LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB

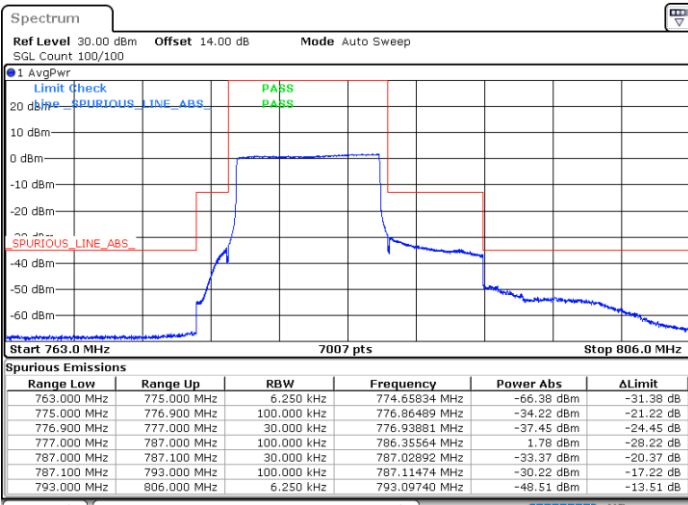
Band Edge / 1 RB



Date: 1.MAR.2024 06:35:16

Date: 1.MAR.2024 06:36:36

Band Edge / Full RB



Date: 1.MAR.2024 06:43:20



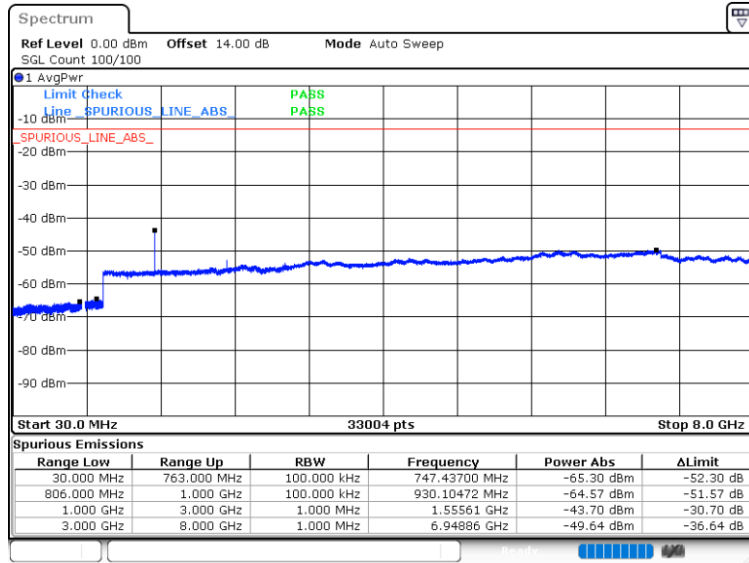
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 19.FEB.2024 16:26:01



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.88 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

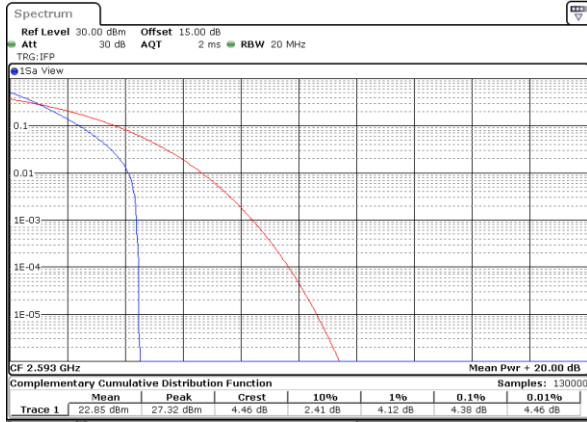
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.62	6.20	PASS



LTE Band 41 / 20MHz / QPSK

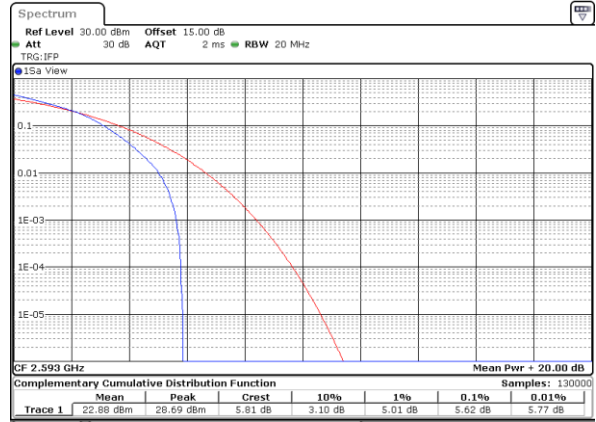
Middle Channel / Full RB



Date: 18.FEB.2024 20:28:15

LTE Band 41 / 20MHz / 16QAM

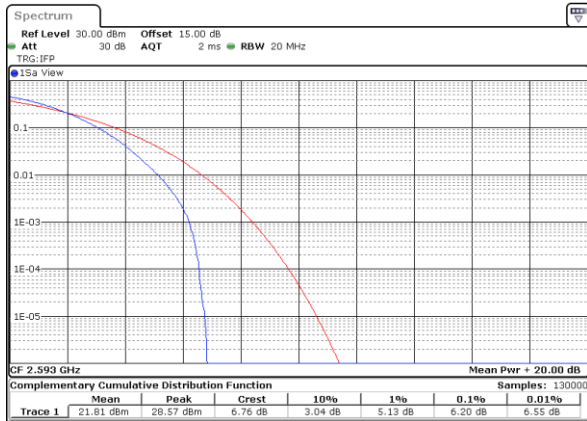
Middle Channel / Full RB



Date: 18.FEB.2024 20:28:43

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 18.FEB.2024 20:29:11



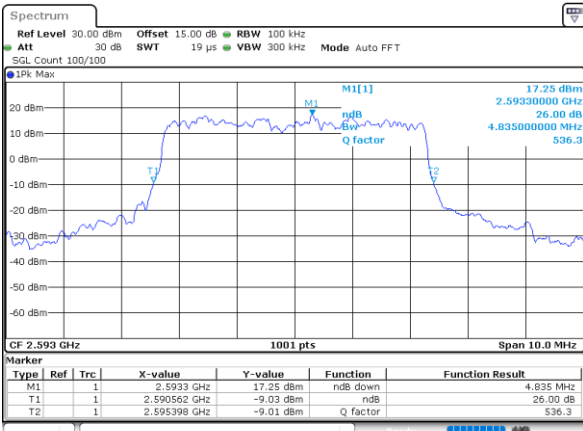
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
	BW				5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH					4.84	4.95	10.85	9.87	14.12	14.36	18.86	18.86



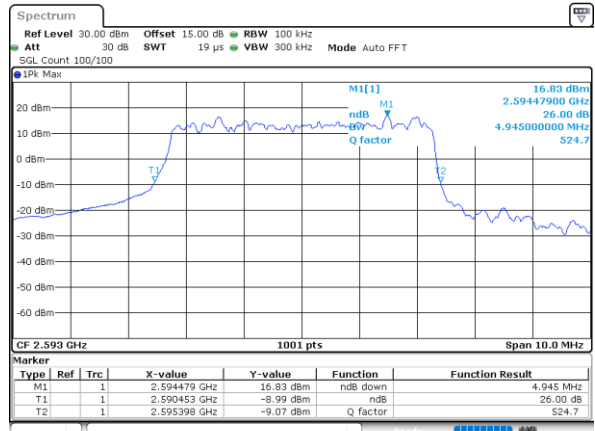
LTE Band 41

Middle Channel / 5MHz / QPSK



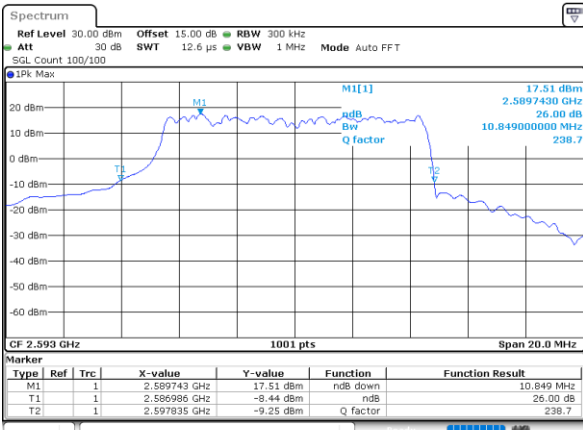
Date: 18.FEB.2024 19:15:35

Middle Channel / 5MHz / 16QAM



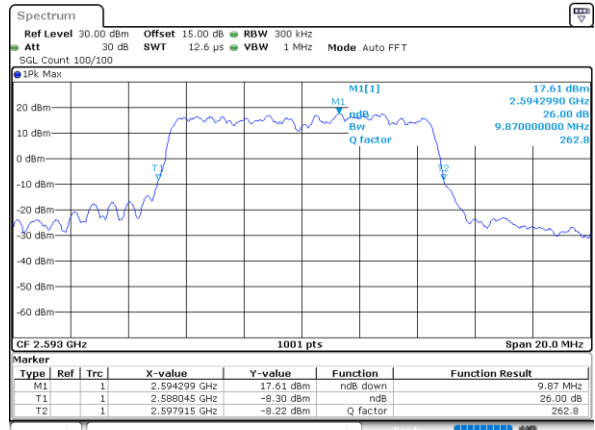
Date: 18.FEB.2024 19:16:15

Middle Channel / 10MHz / QPSK



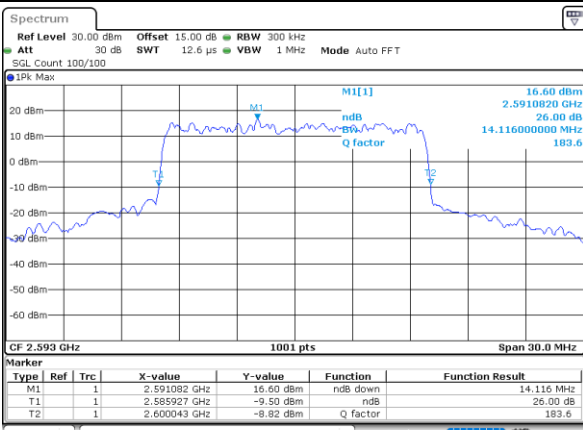
Date: 18.FEB.2024 19:40:25

Middle Channel / 10MHz / 16QAM



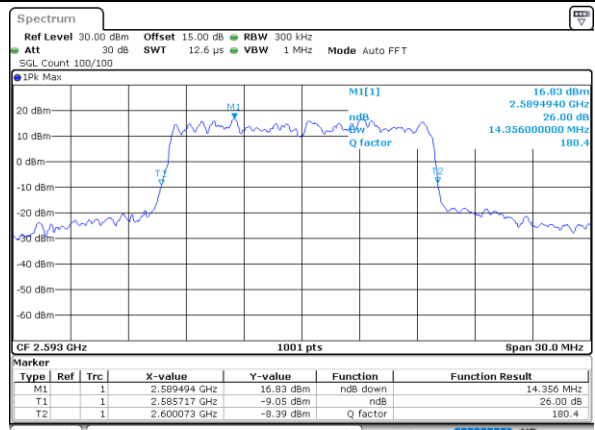
Date: 18.FEB.2024 19:41:05

Middle Channel / 15MHz / QPSK



Date: 18.FEB.2024 20:03:41

Middle Channel / 15MHz / 16QAM

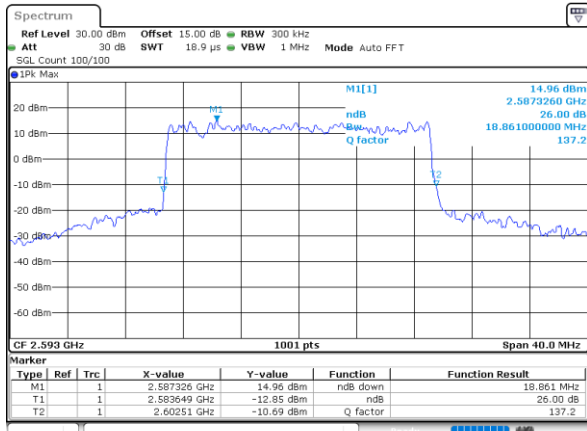


Date: 18.FEB.2024 20:04:21



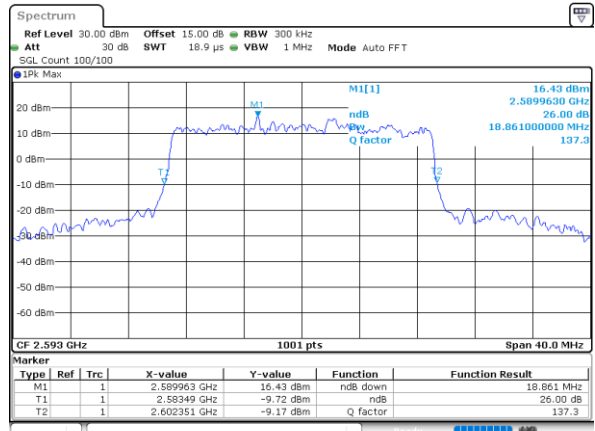
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 18, FEB, 2024 20:27:07

Middle Channel / 20MHz / 16QAM



Date: 18, FEB, 2024 20:27:48



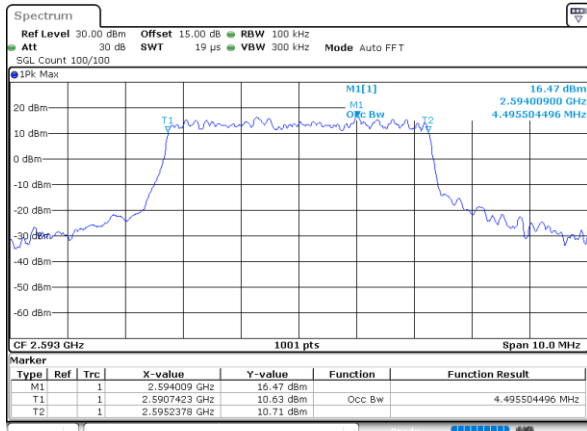
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
	BW				5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH					4.50	4.49	8.99	8.97	13.52	13.43	17.86	17.94



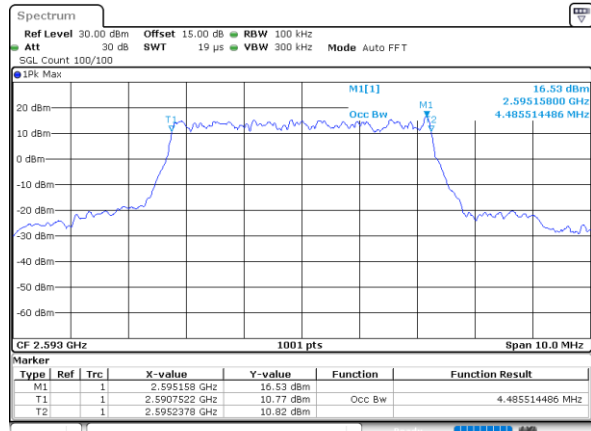
LTE Band 41

Middle Channel / 5MHz / QPSK



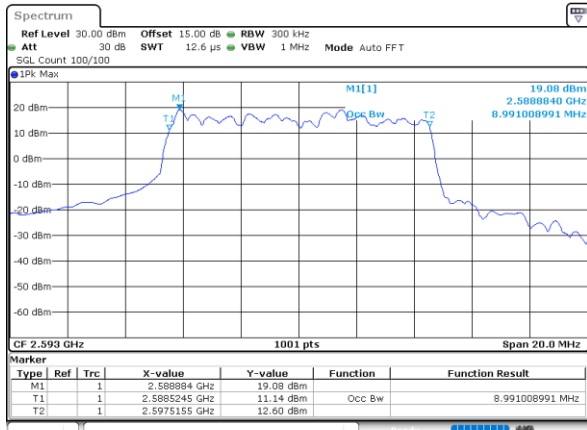
Date: 18.FEB.2024 19:15:21

Middle Channel / 5MHz / 16QAM



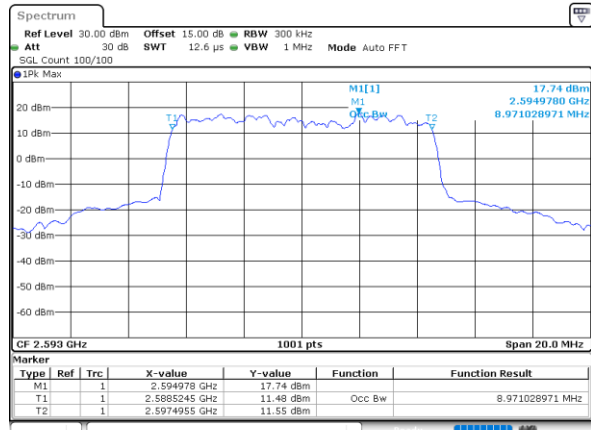
Date: 18.FEB.2024 19:16:01

Middle Channel / 10MHz / QPSK



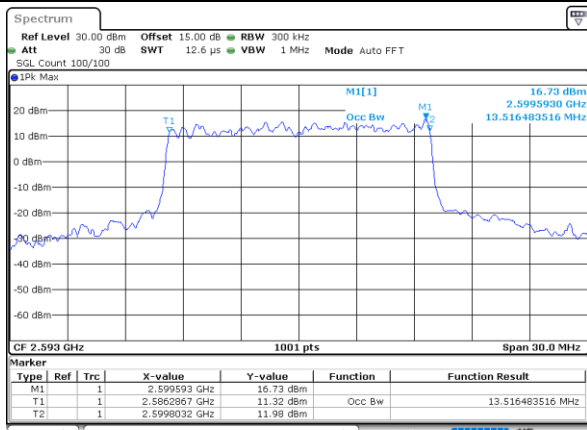
Date: 18.FEB.2024 19:40:11

Middle Channel / 10MHz / 16QAM



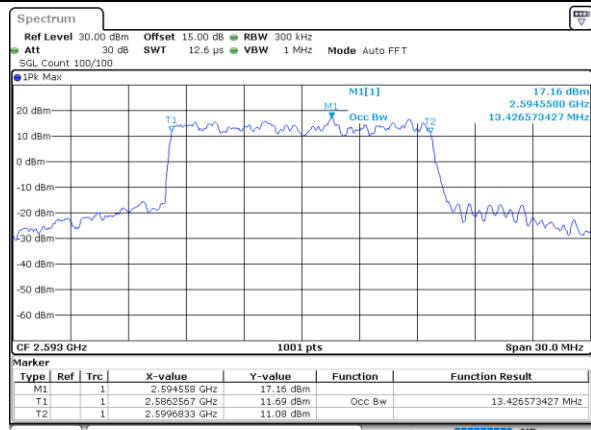
Date: 18.FEB.2024 19:40:51

Middle Channel / 15MHz / QPSK



Date: 18.FEB.2024 20:03:27

Middle Channel / 15MHz / 16QAM

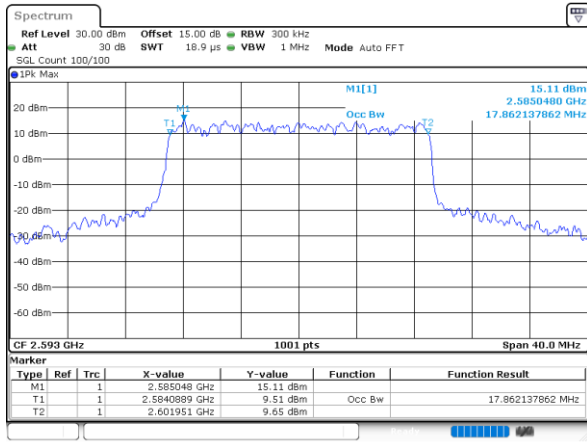


Date: 18.FEB.2024 20:04:07



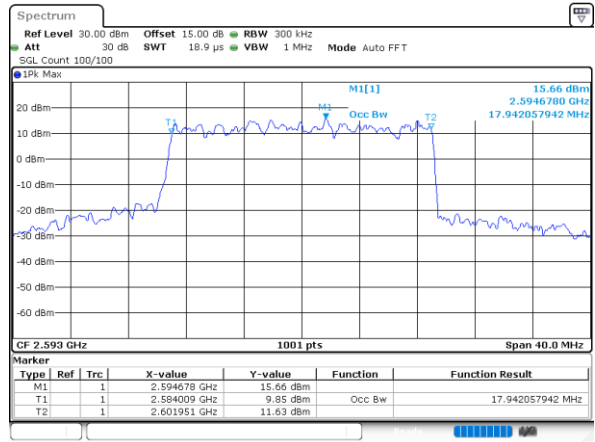
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 18, FEB, 2024 20:26:53

Middle Channel / 20MHz / 16QAM



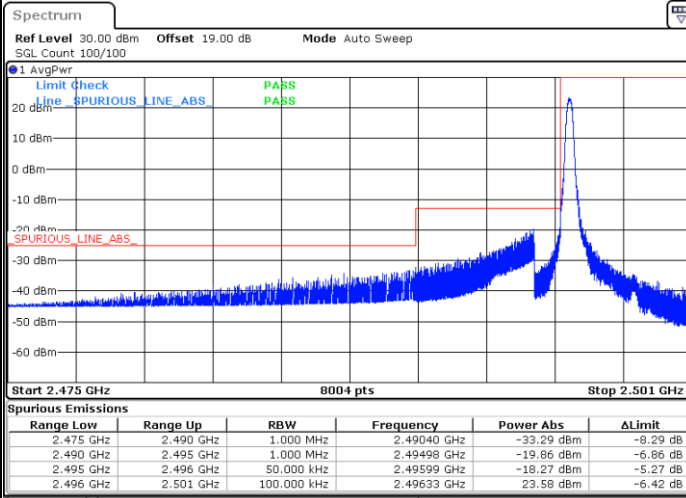
Date: 18, FEB, 2024 20:27:34



Conducted Band Edge

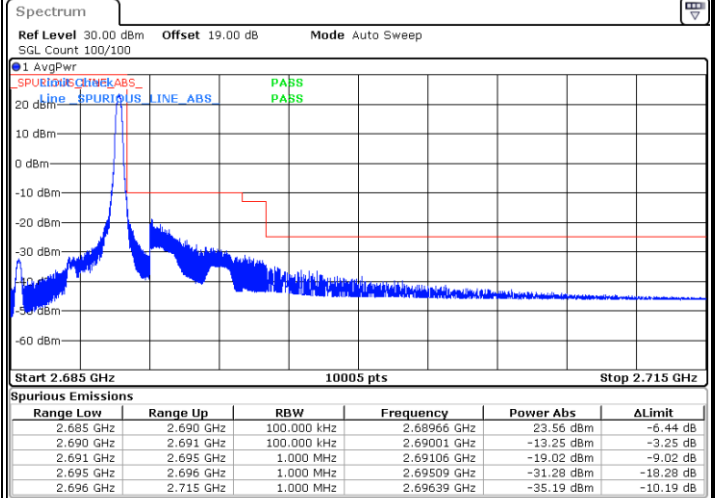
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



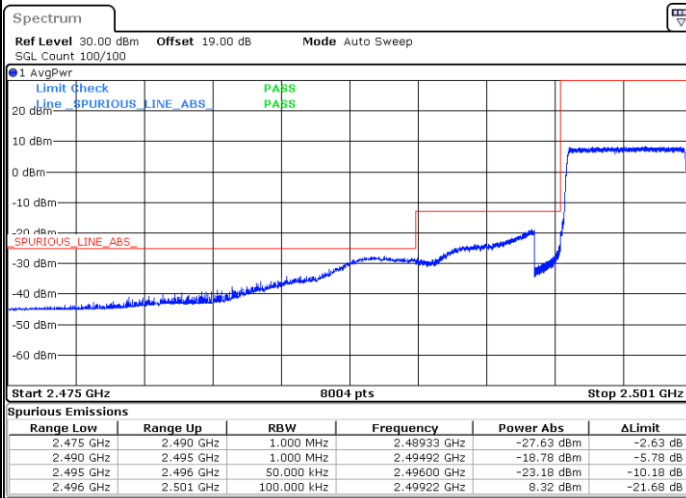
Date: 18.FEB.2024 19:07:22

Highest Band Edge / 1 RB



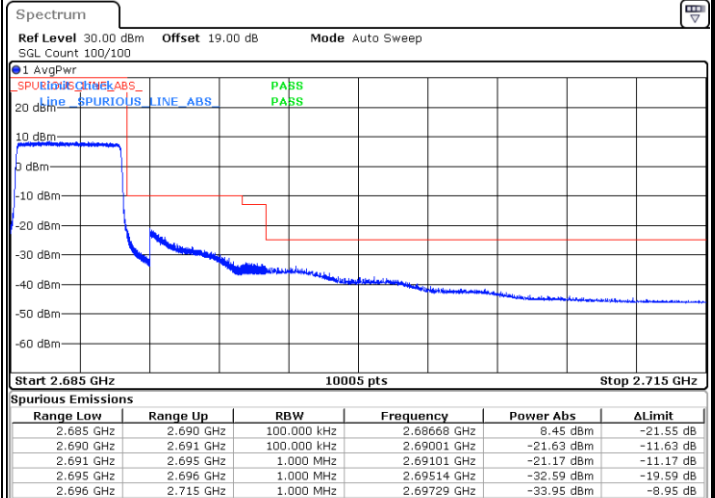
Date: 18.FEB.2024 19:17:19

Lowest Band Edge / Full RB



Date: 18.FEB.2024 19:12:32

Highest Band Edge / Full RB

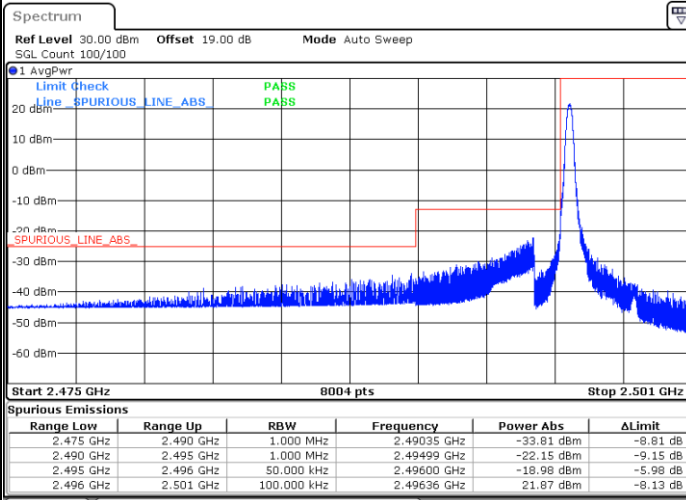


Date: 18.FEB.2024 19:24:13



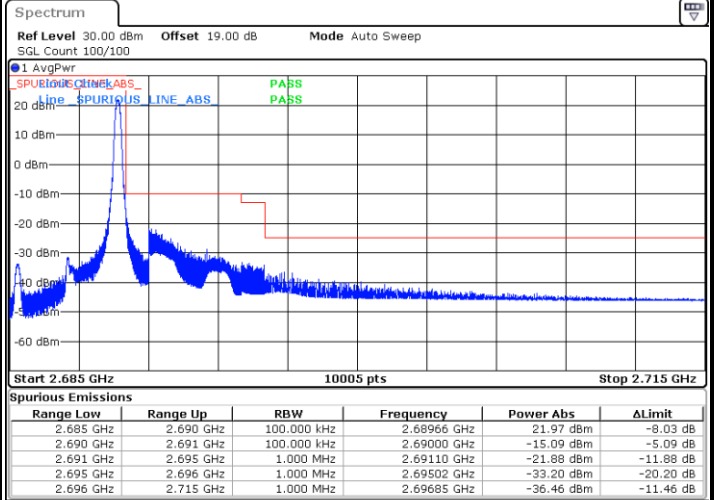
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



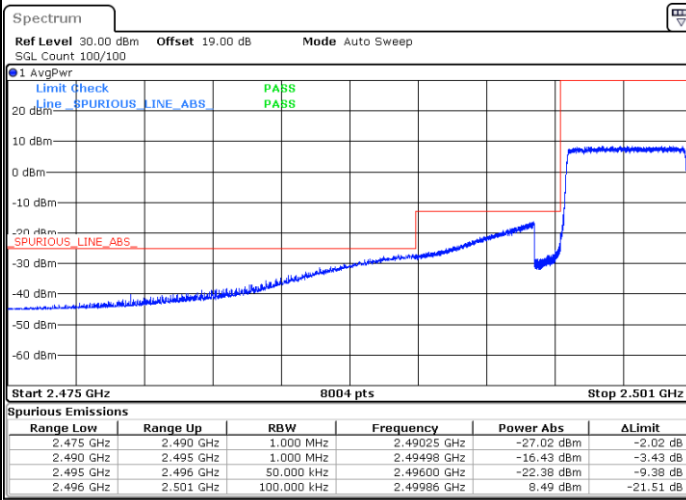
Date: 18.FEB.2024 19:08:24

Highest Band Edge / 1 RB



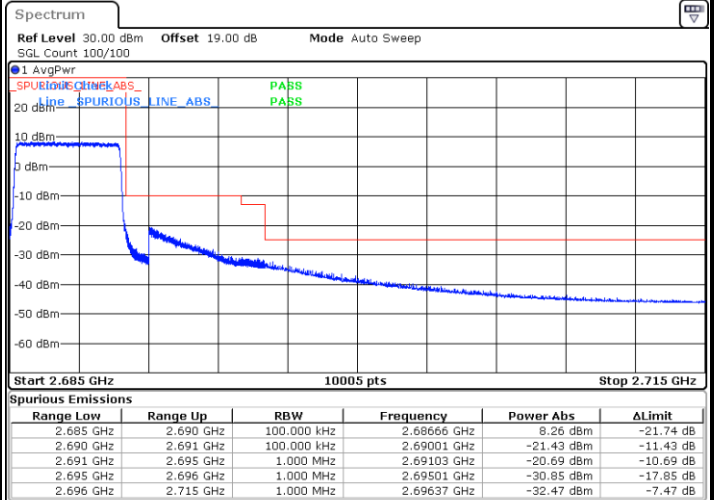
Date: 18.FEB.2024 19:19:55

Lowest Band Edge / Full RB



Date: 18.FEB.2024 19:11:30

Highest Band Edge / Full RB

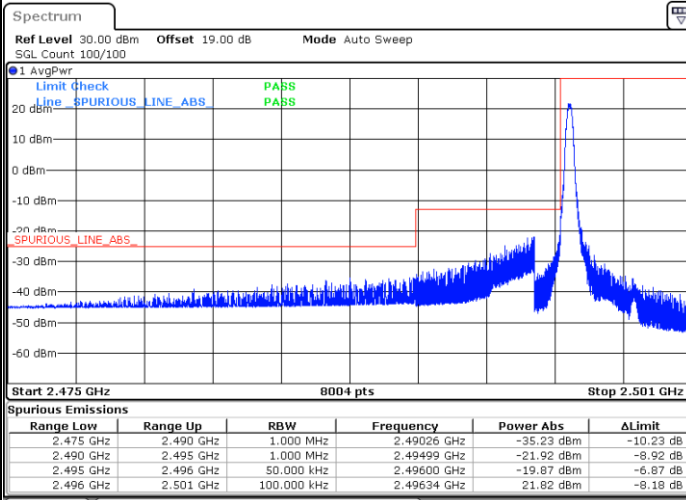


Date: 18.FEB.2024 19:23:09



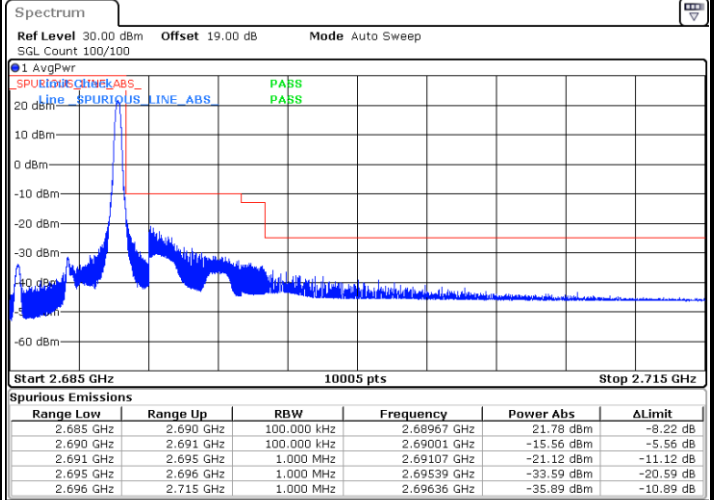
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



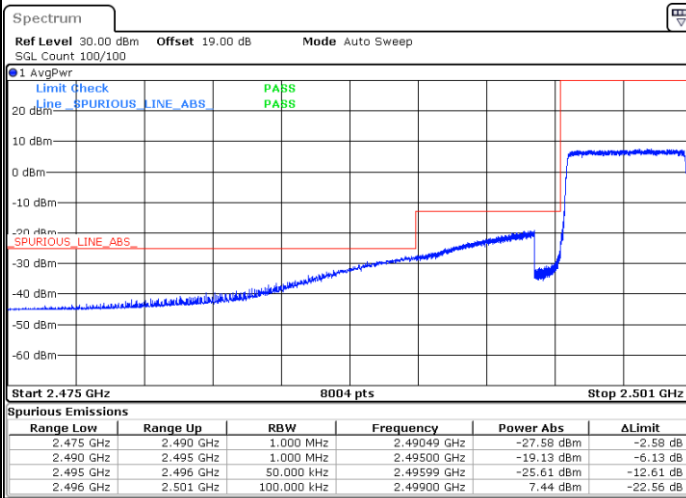
Date: 18.FEB.2024 19:09:26

Highest Band Edge / 1 RB



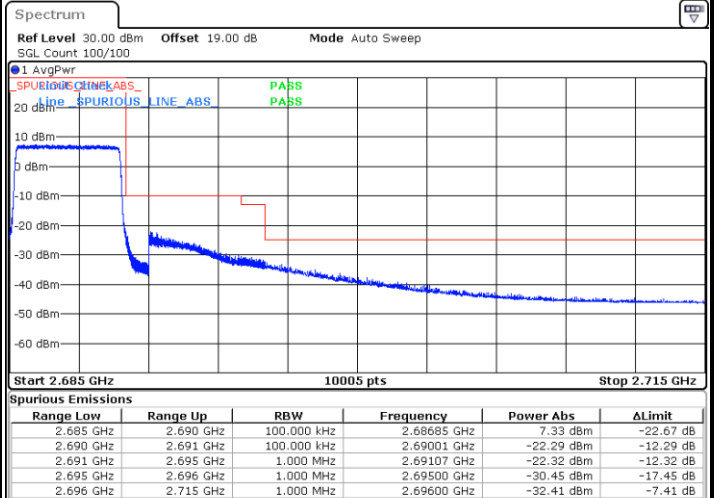
Date: 18.FEB.2024 19:21:00

Lowest Band Edge / Full RB



Date: 18.FEB.2024 19:10:28

Highest Band Edge / Full RB

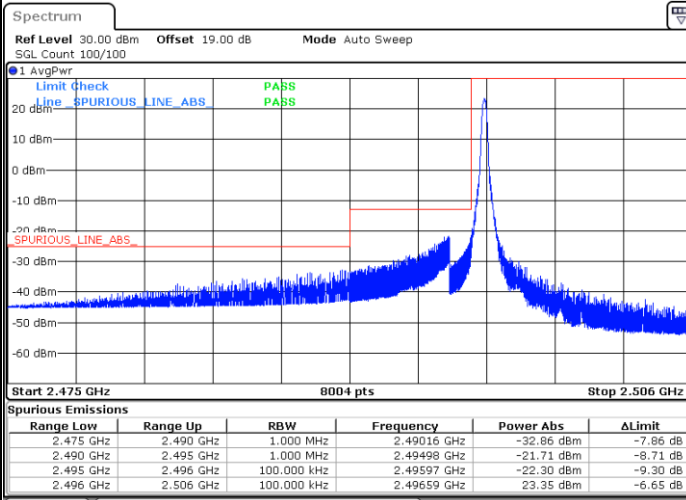


Date: 18.FEB.2024 19:22:04



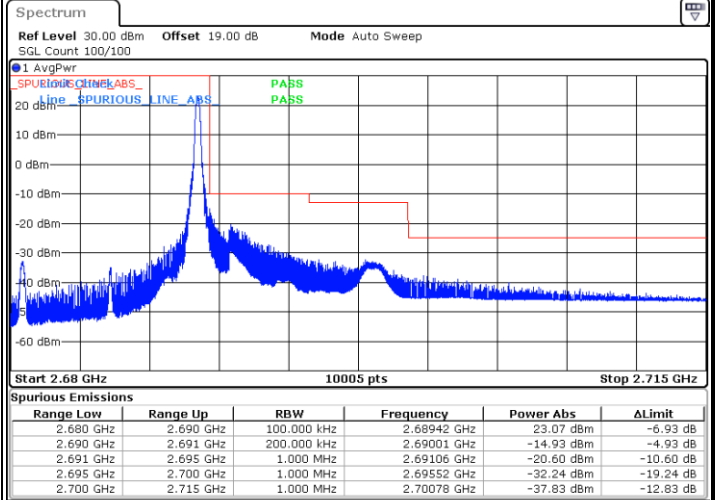
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



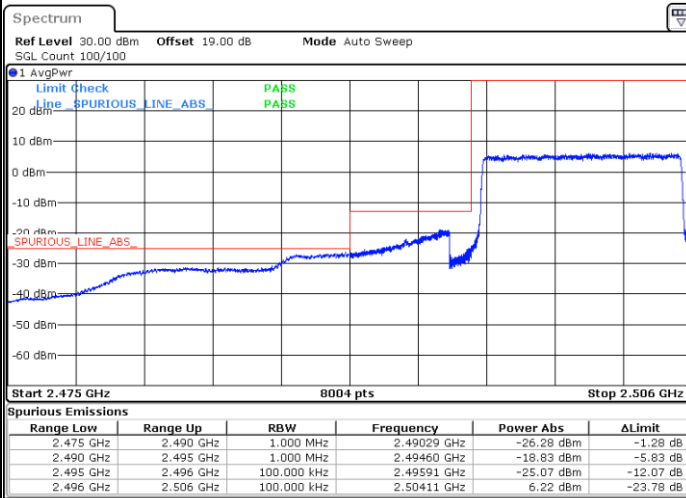
Date: 18.FEB.2024 19:31:36

Highest Band Edge / 1 RB



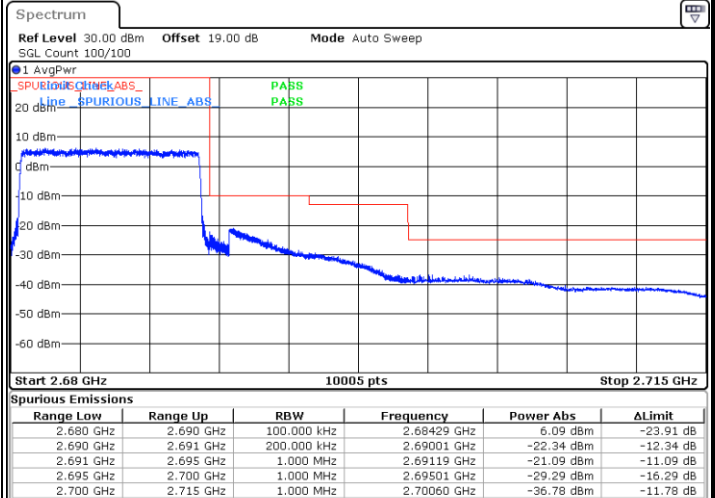
Date: 18.FEB.2024 19:43:45

Lowest Band Edge / Full RB



Date: 1.MAR.2024 03:27:09

Highest Band Edge / Full RB



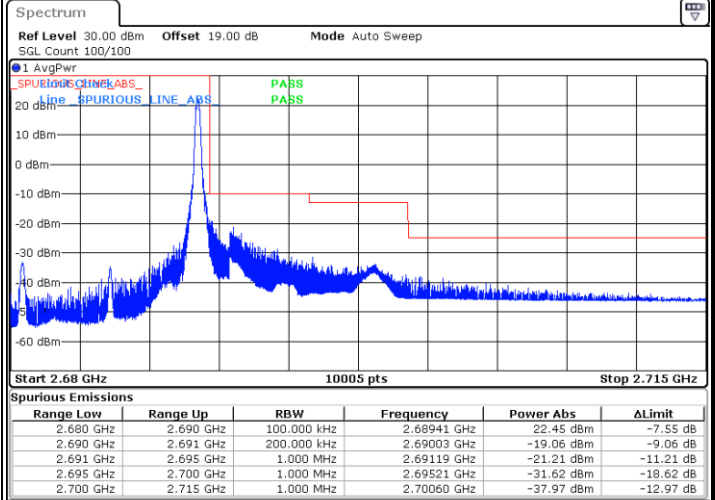
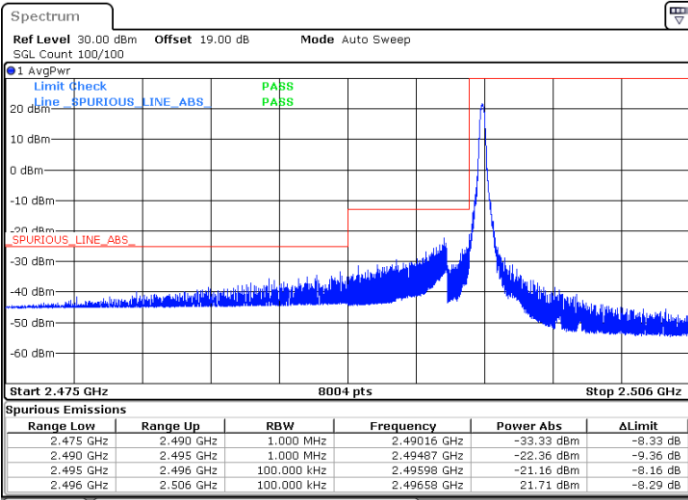
Date: 18.FEB.2024 19:49:19



LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

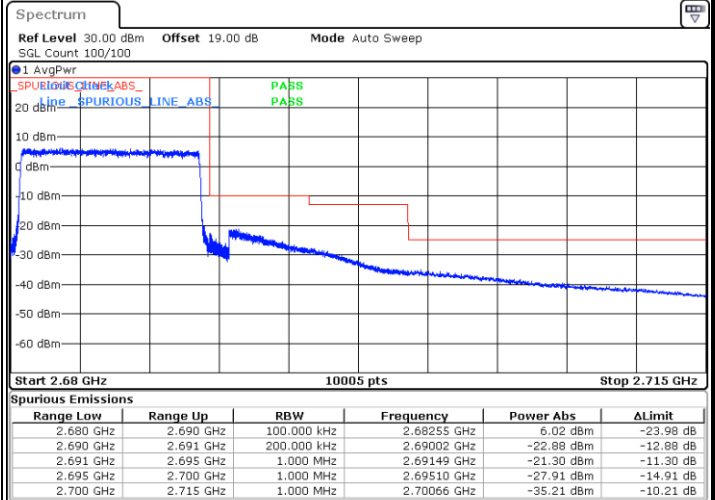
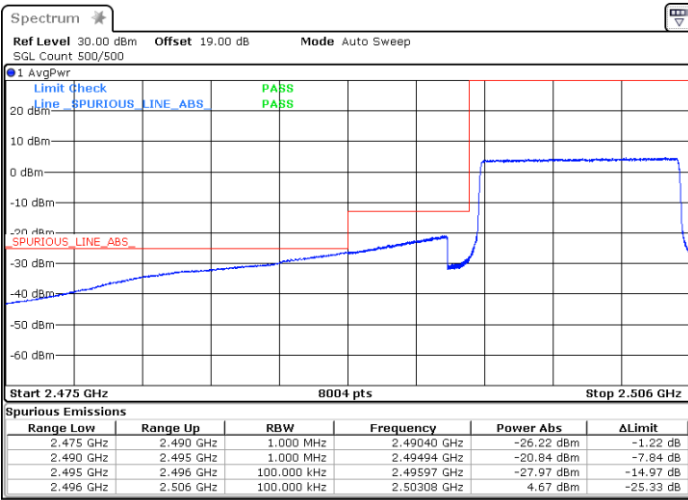


Date: 18.FEB.2024 19:32:43

Date: 18.FEB.2024 19:44:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.MAR.2024 03:31:46

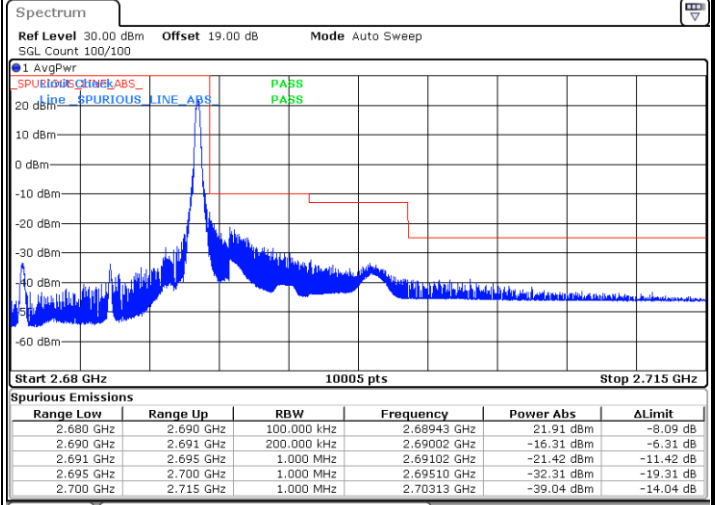
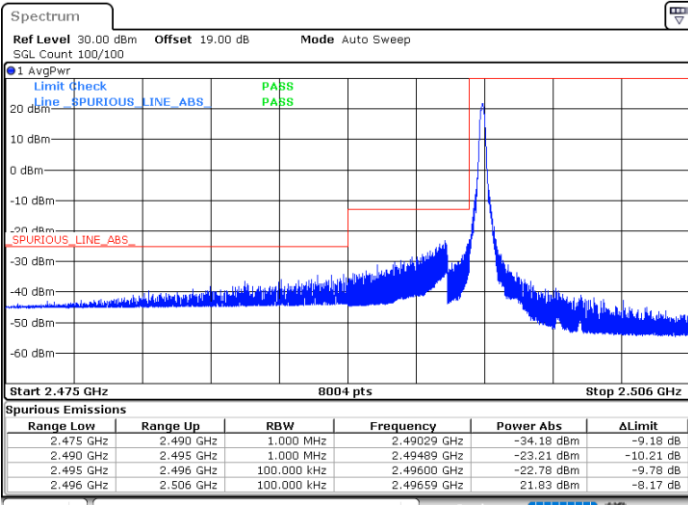
Date: 18.FEB.2024 19:48:12



LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

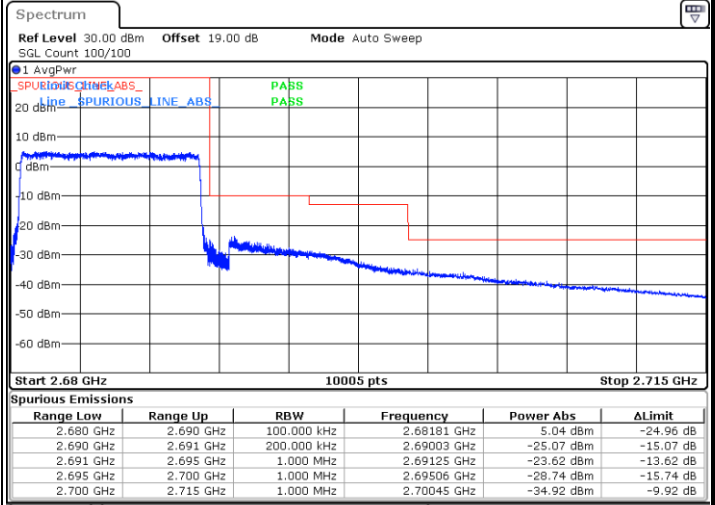
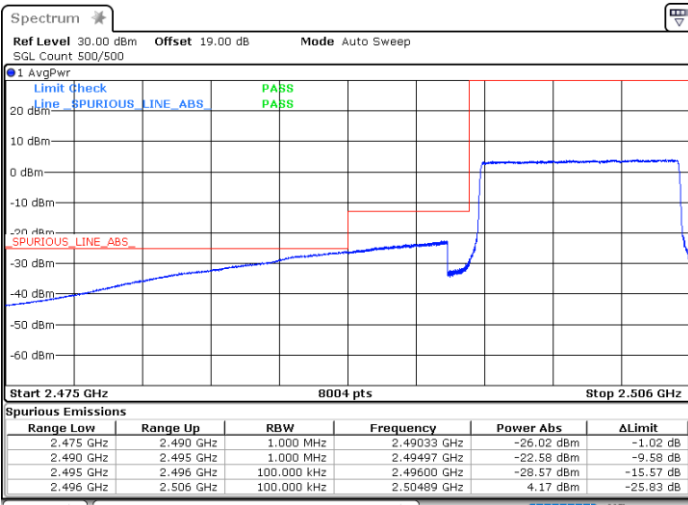


Date: 18.FEB.2024 19:33:50

Date: 18.FEB.2024 19:45:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



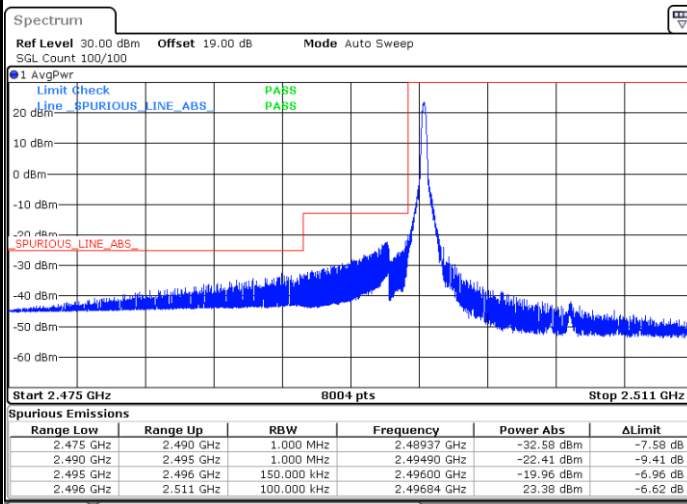
Date: 18.FEB.2024 20:59:30

Date: 18.FEB.2024 19:47:05



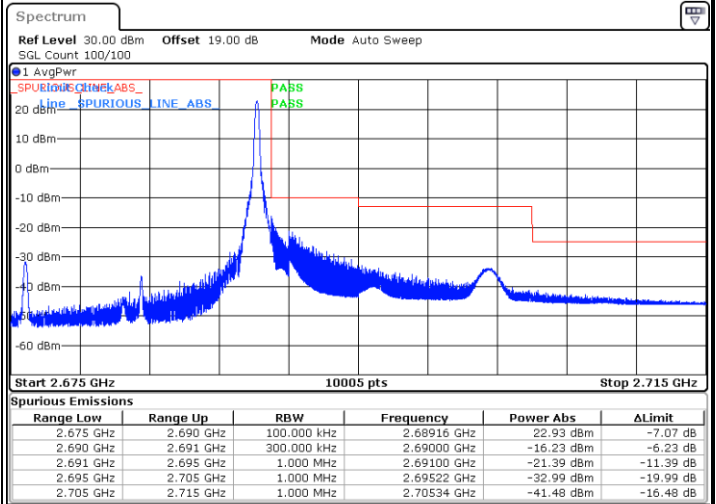
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



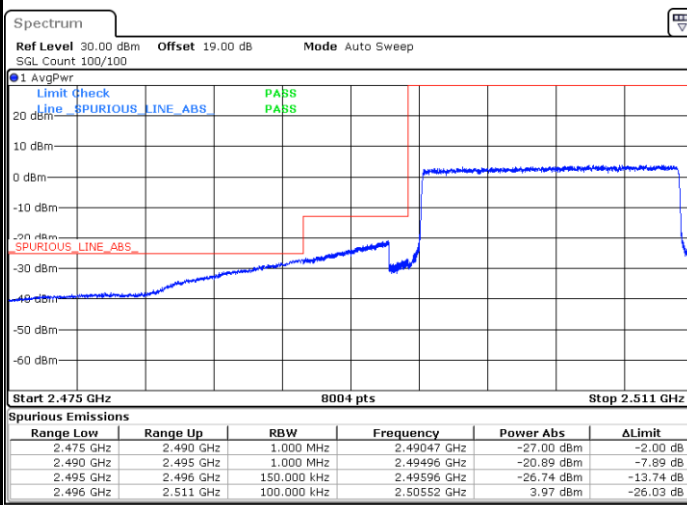
Date: 18.FEB.2024 19:52:30

Highest Band Edge / 1 RB



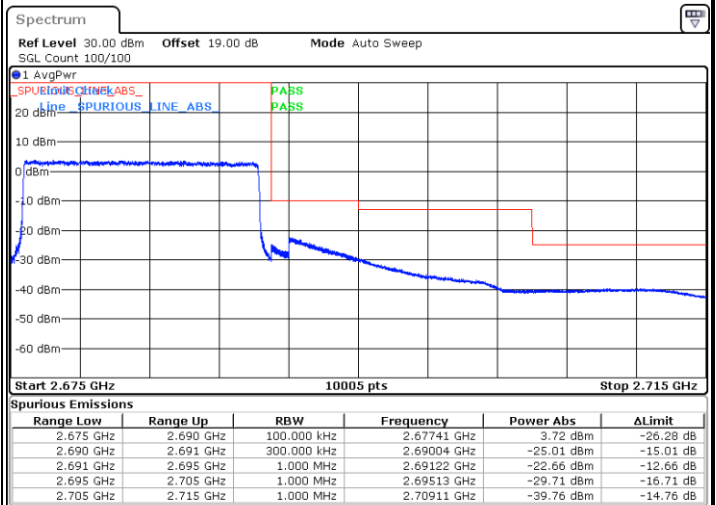
Date: 18.FEB.2024 20:07:01

Lowest Band Edge / Full RB



Date: 18.FEB.2024 20:00:28

Highest Band Edge / Full RB

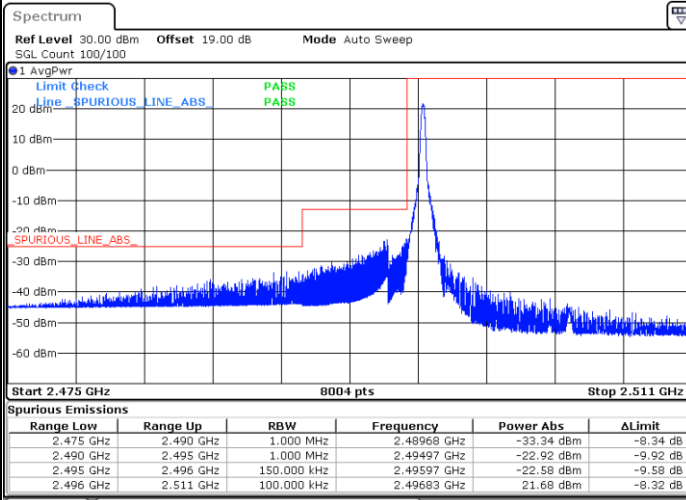


Date: 18.FEB.2024 20:12:35



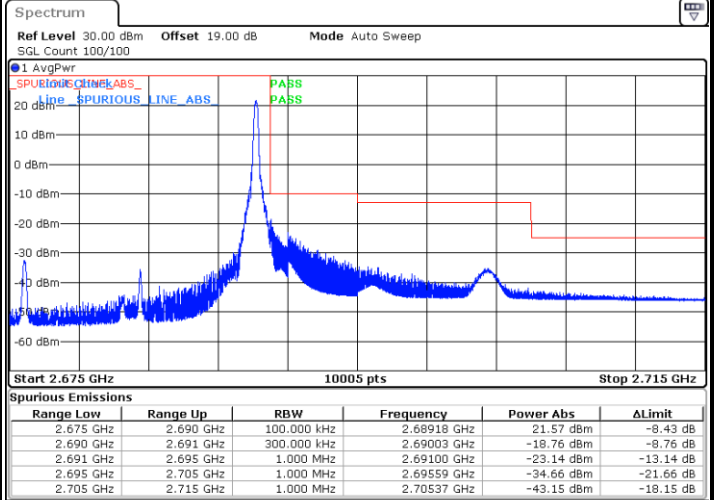
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



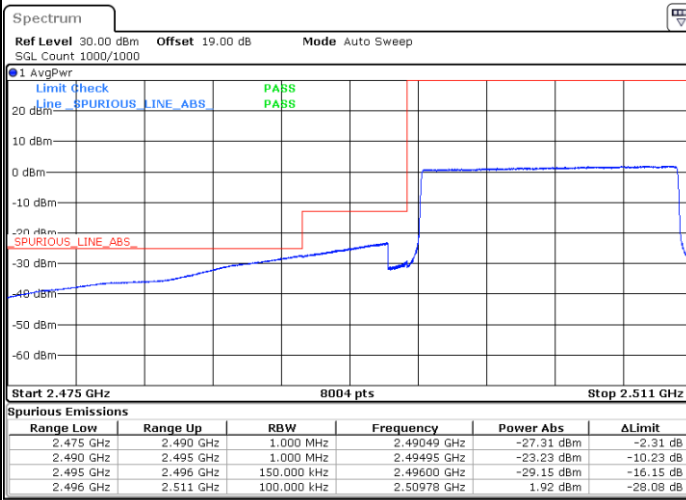
Date: 18.FEB.2024 19:55:12

Highest Band Edge / 1 RB



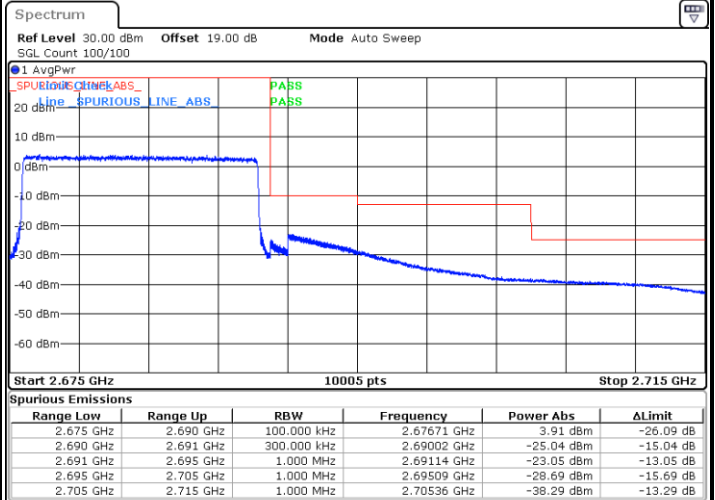
Date: 18.FEB.2024 20:08:08

Lowest Band Edge / Full RB



Date: 1.MAR.2024 03:14:11

Highest Band Edge / Full RB

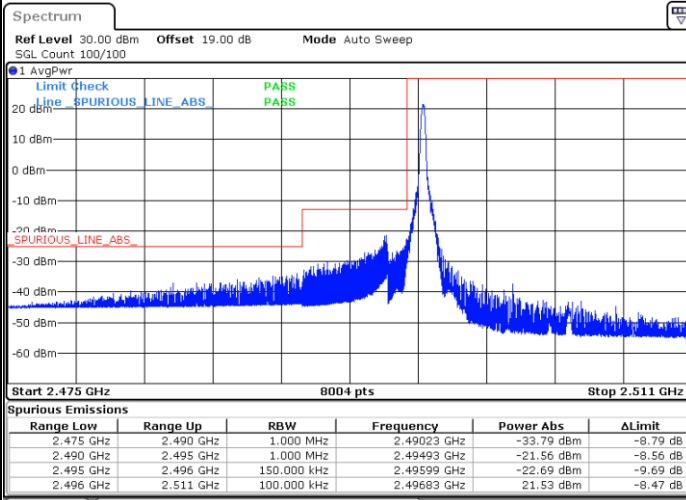


Date: 18.FEB.2024 20:11:28



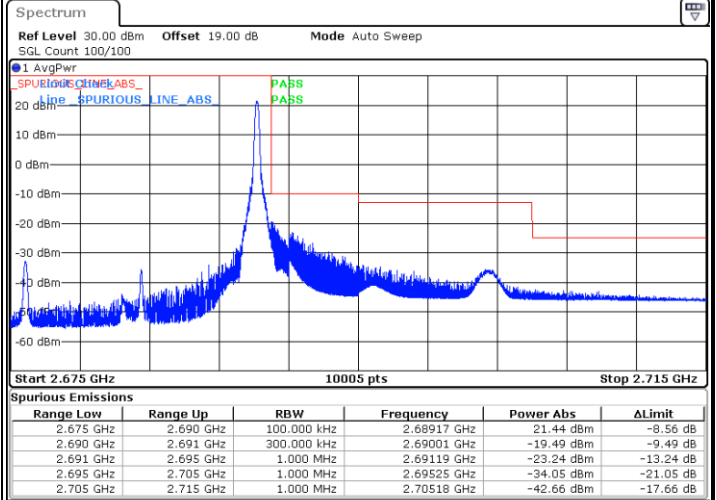
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



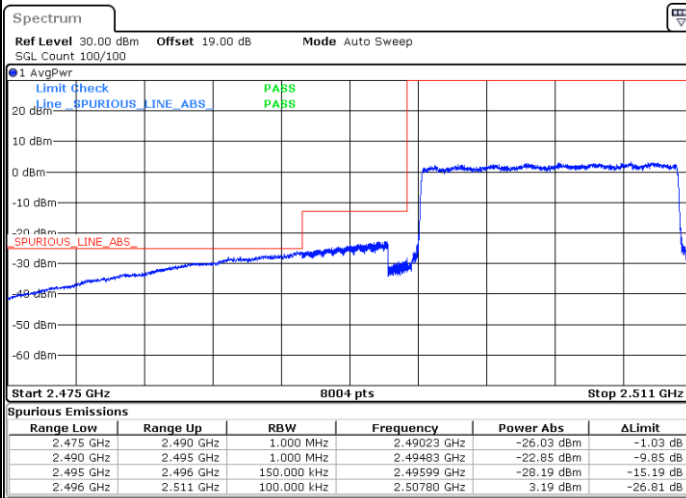
Date: 18.FEB.2024 19:56:18

Highest Band Edge / 1 RB



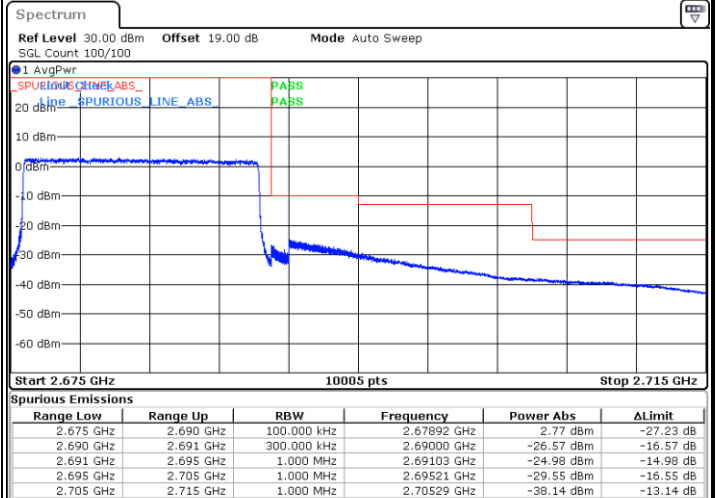
Date: 18.FEB.2024 20:09:15

Lowest Band Edge / Full RB



Date: 18.FEB.2024 19:57:25

Highest Band Edge / Full RB

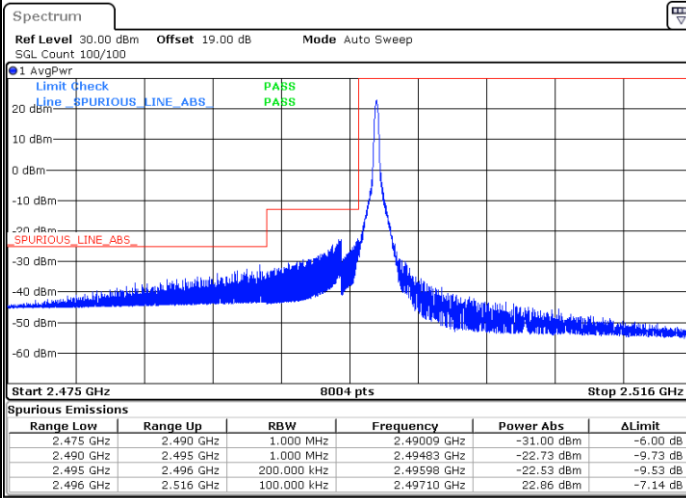


Date: 18.FEB.2024 20:10:21



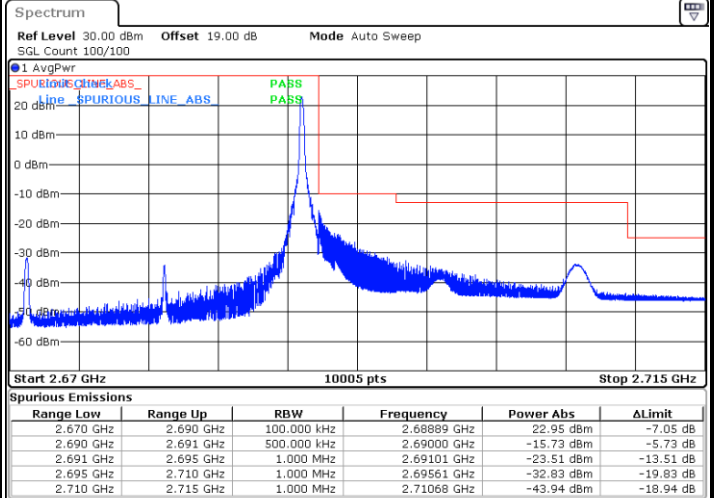
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



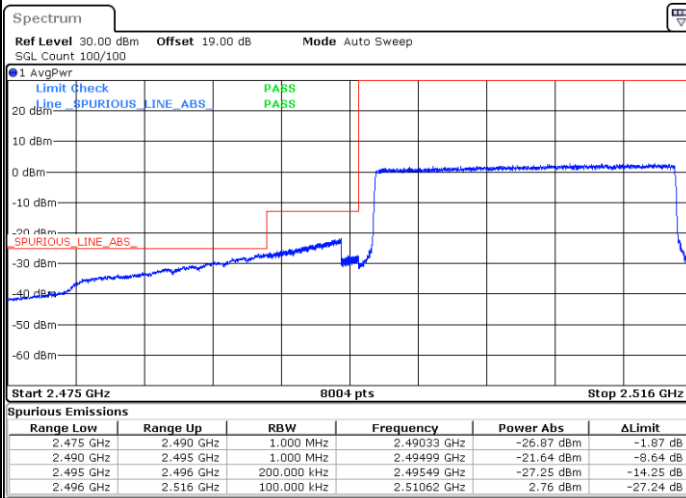
Date: 18.FEB.2024 20:15:47

Highest Band Edge / 1 RB



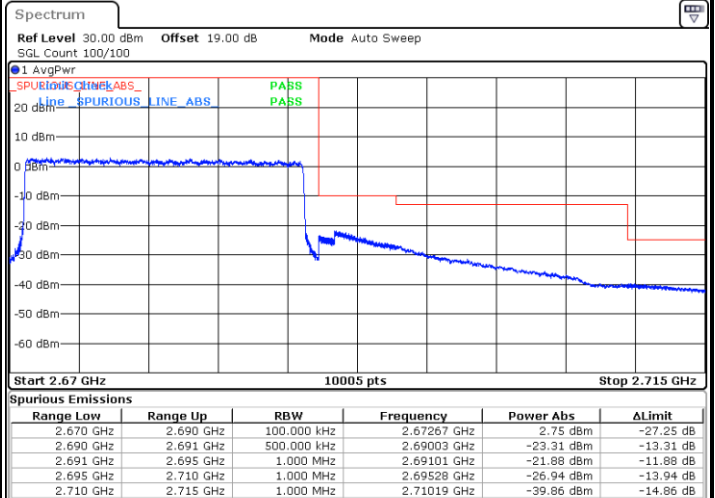
Date: 18.FEB.2024 20:32:46

Lowest Band Edge / Full RB



Date: 18.FEB.2024 20:23:54

Highest Band Edge / Full RB

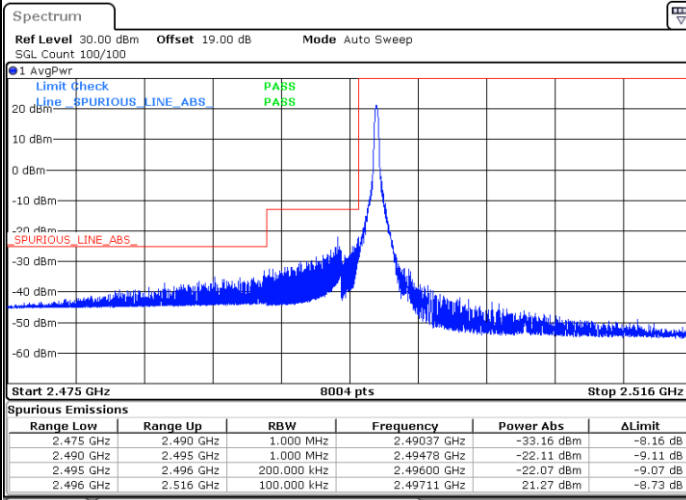


Date: 18.FEB.2024 20:38:20



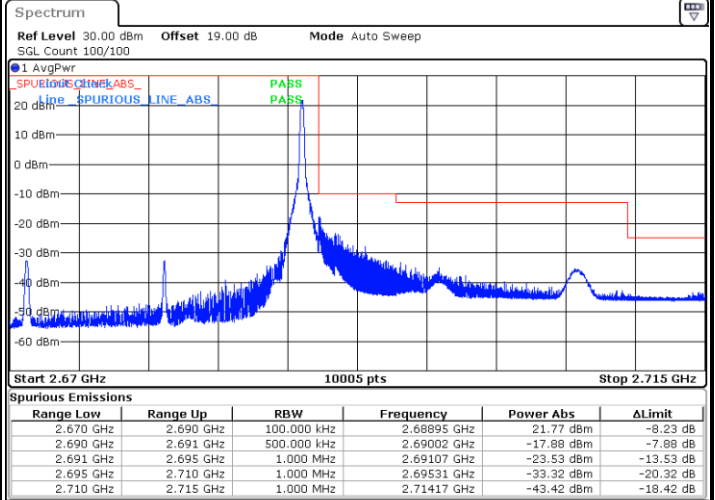
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



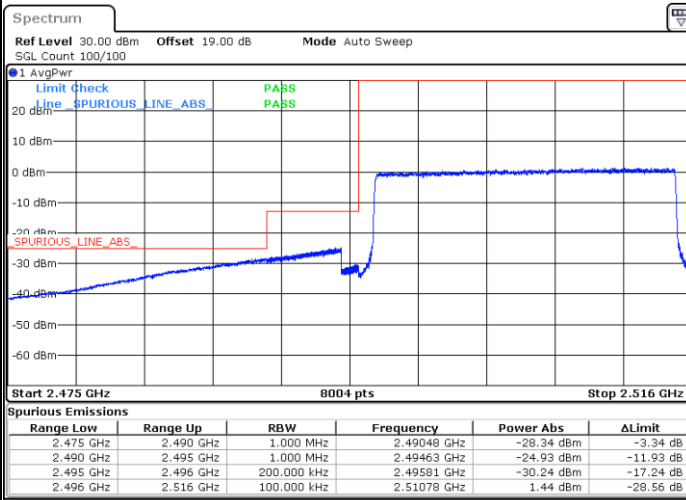
Date: 18.FEB.2024 20:16:53

Highest Band Edge / 1 RB



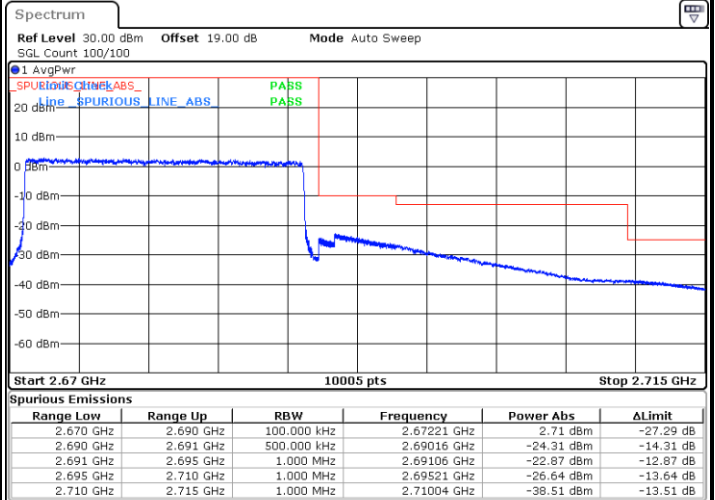
Date: 18.FEB.2024 20:33:53

Lowest Band Edge / Full RB



Date: 1.MAR.2024 03:35:21

Highest Band Edge / Full RB

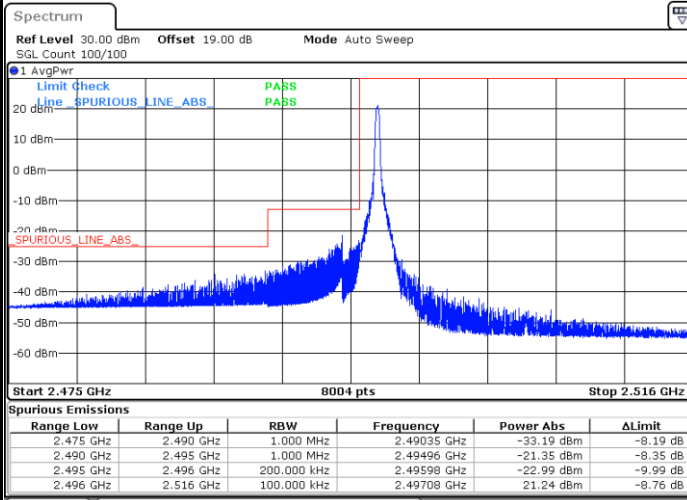


Date: 18.FEB.2024 20:37:13



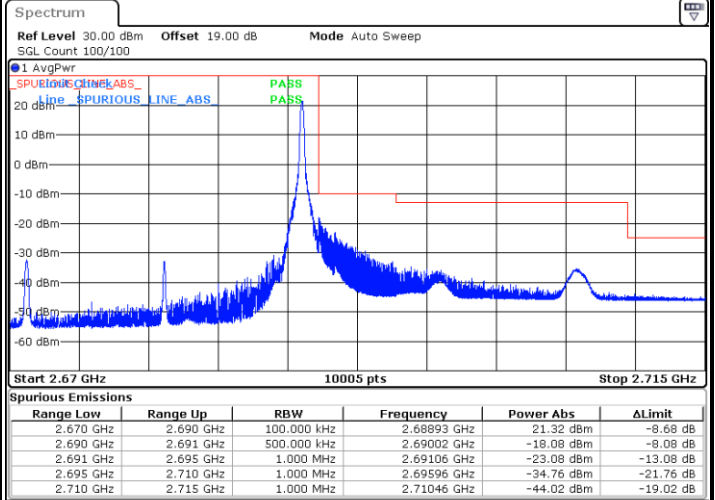
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



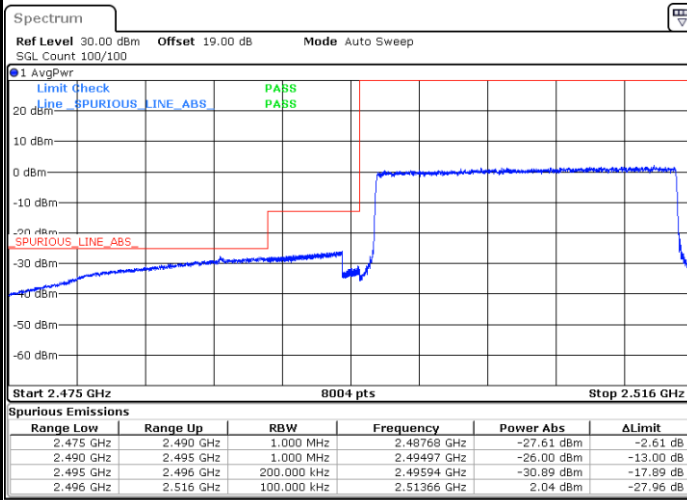
Date: 18.FEB.2024 20:20:33

Highest Band Edge / 1 RB



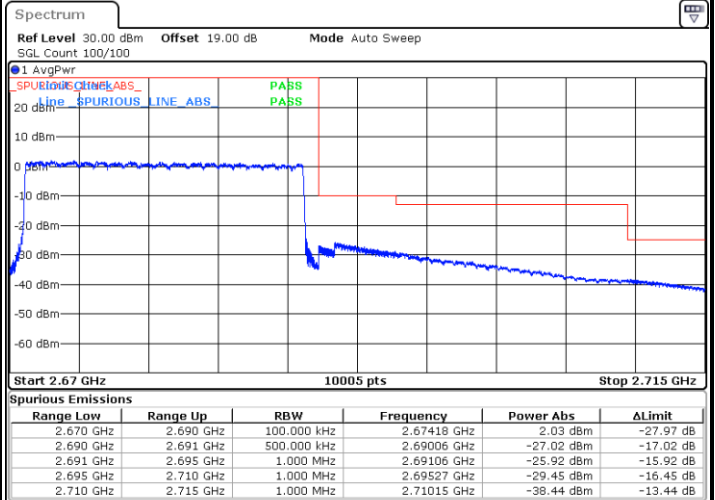
Date: 18.FEB.2024 20:35:00

Lowest Band Edge / Full RB



Date: 18.FEB.2024 20:21:40

Highest Band Edge / Full RB



Date: 18.FEB.2024 20:36:07

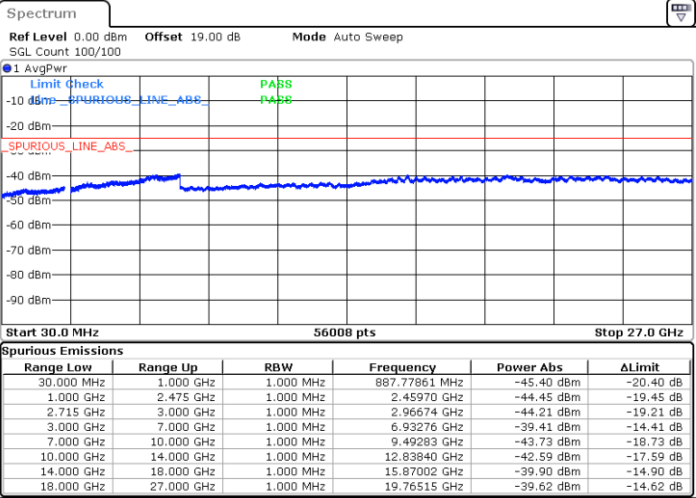
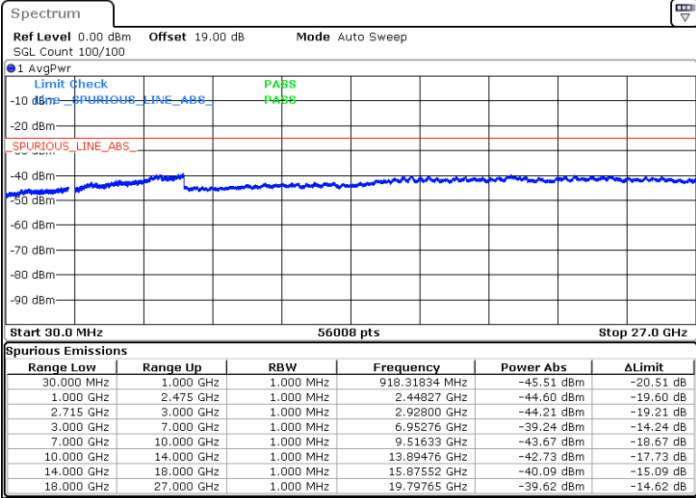


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

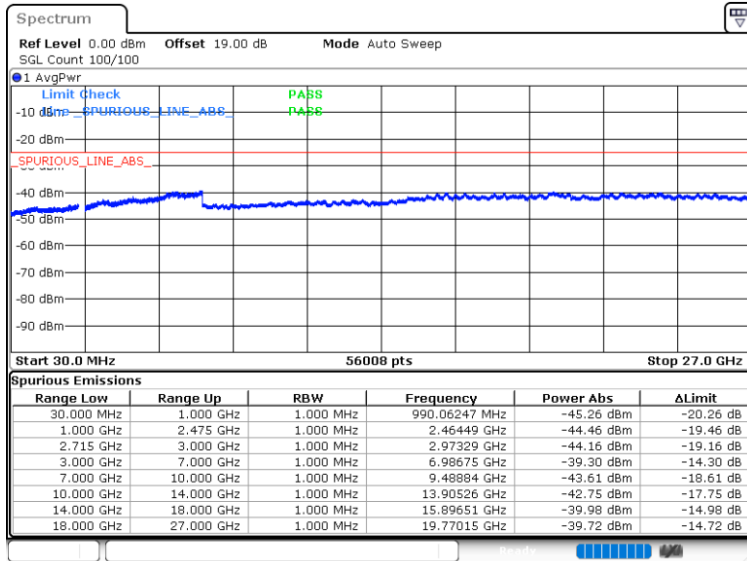
Middle Channel / QPSK



Date: 18.FEB.2024 19:13:43

Date: 18.FEB.2024 19:14:53

Highest Channel / QPSK



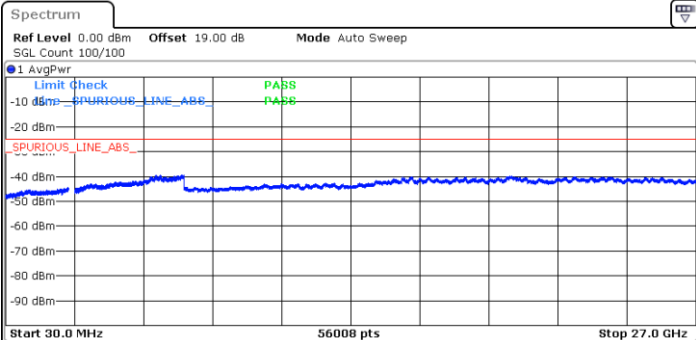
Date: 18.FEB.2024 19:25:24



LTE Band 41 / 10MHz

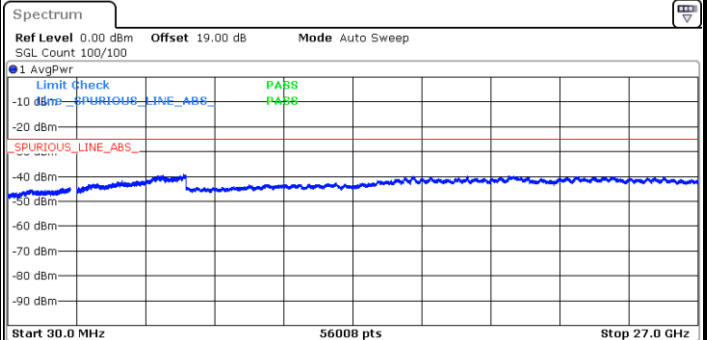
Lowest Channel / QPSK

Middle Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-45.51 dBm	-20.51 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45380 GHz	-44.39 dBm	-19.39 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95207 GHz	-44.19 dBm	-19.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-39.35 dBm	-14.35 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.49533 GHz	-43.72 dBm	-18.72 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.86889 GHz	-42.52 dBm	-17.52 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99625 GHz	-40.02 dBm	-15.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79215 GHz	-39.75 dBm	-14.75 dB

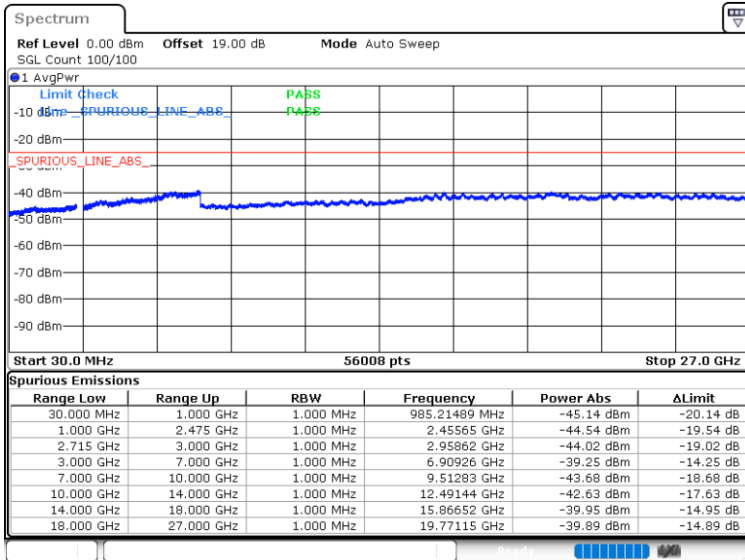
Date: 18.FEB.2024 19:38:28



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-45.35 dBm	-20.35 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46892 GHz	-44.43 dBm	-19.43 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96674 GHz	-44.12 dBm	-19.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90526 GHz	-39.13 dBm	-14.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.45834 GHz	-43.37 dBm	-18.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85089 GHz	-42.59 dBm	-17.59 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.88301 GHz	-39.96 dBm	-14.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.63466 GHz	-39.83 dBm	-14.83 dB

Date: 18.FEB.2024 19:39:43

Highest Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-45.14 dBm	-20.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45565 GHz	-44.54 dBm	-19.54 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95862 GHz	-44.02 dBm	-19.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-39.25 dBm	-14.25 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.51283 GHz	-43.68 dBm	-18.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.49144 GHz	-42.63 dBm	-17.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86652 GHz	-39.95 dBm	-14.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77115 GHz	-39.89 dBm	-14.89 dB

Date: 18.FEB.2024 19:50:35