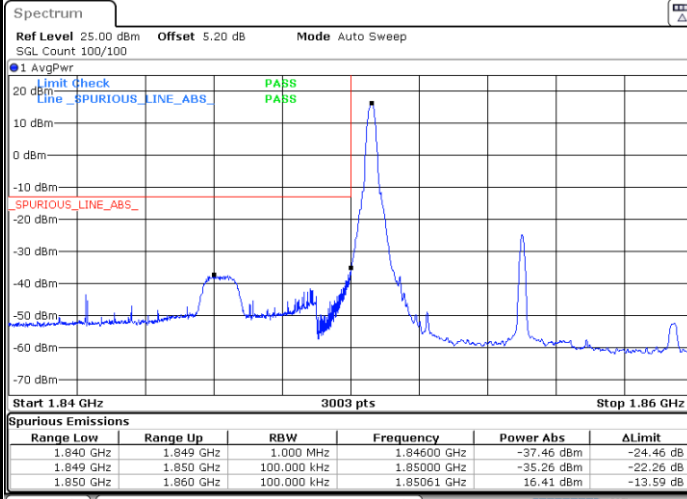




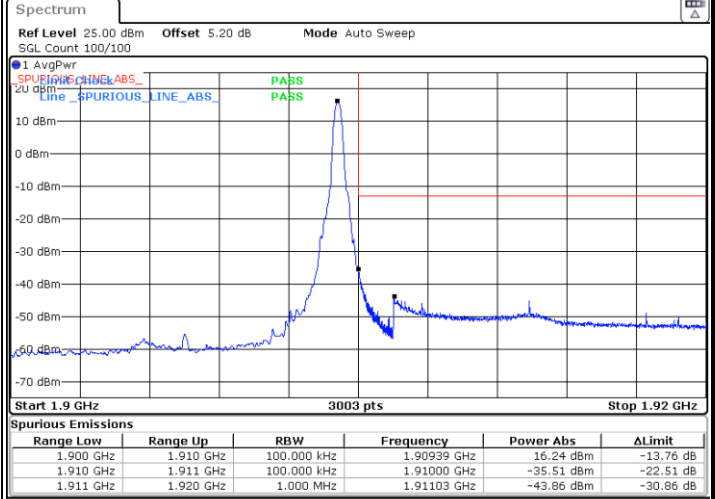
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



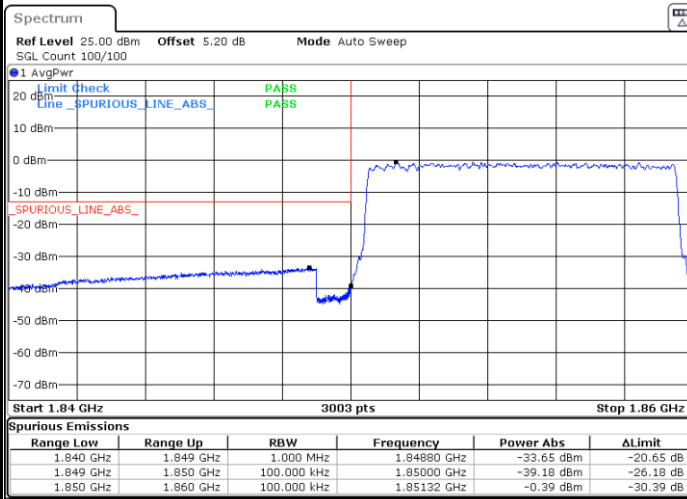
Date: 29.FEB.2024 06:22:32

Highest Band Edge / 1 RB



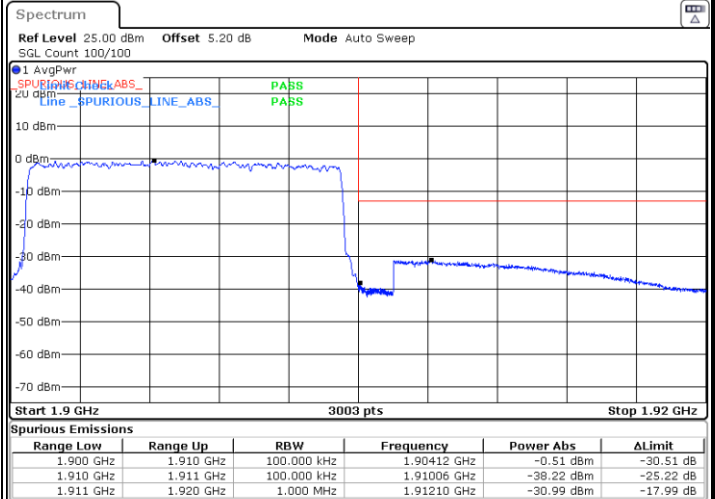
Date: 29.FEB.2024 06:27:55

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:25:30

Highest Band Edge / Full RB

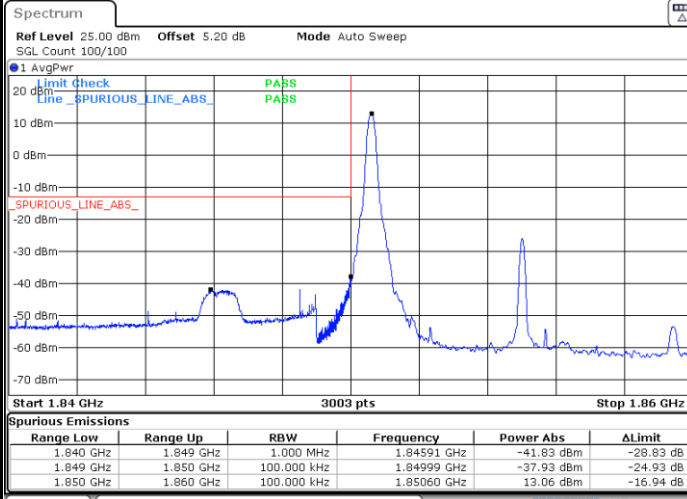


Date: 29.FEB.2024 06:31:24



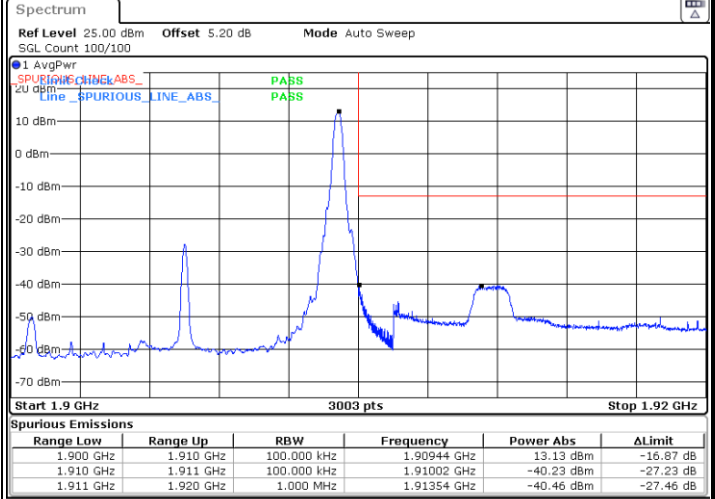
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



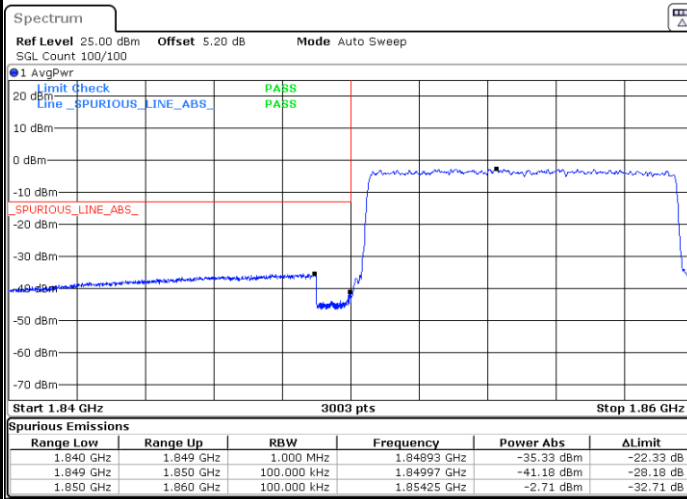
Date: 29.FEB.2024 06:23:01

Highest Band Edge / 1 RB



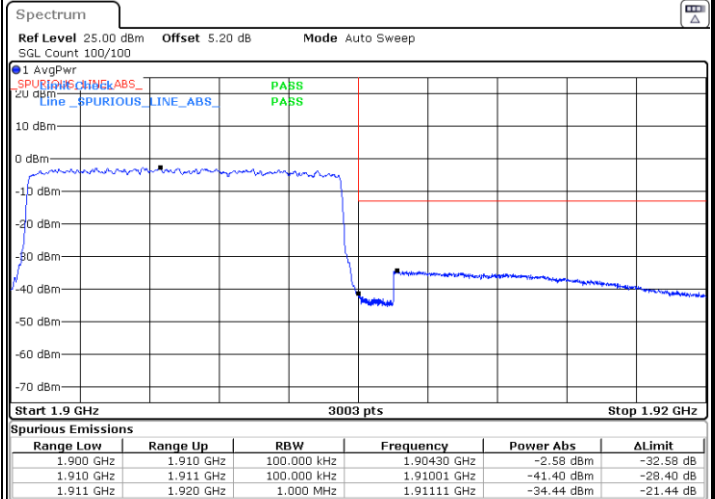
Date: 29.FEB.2024 06:28:25

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:26:03

Highest Band Edge / Full RB

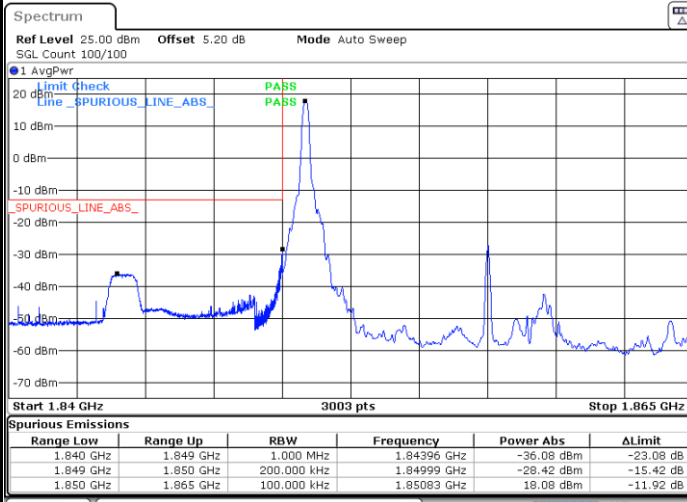


Date: 29.FEB.2024 06:31:51



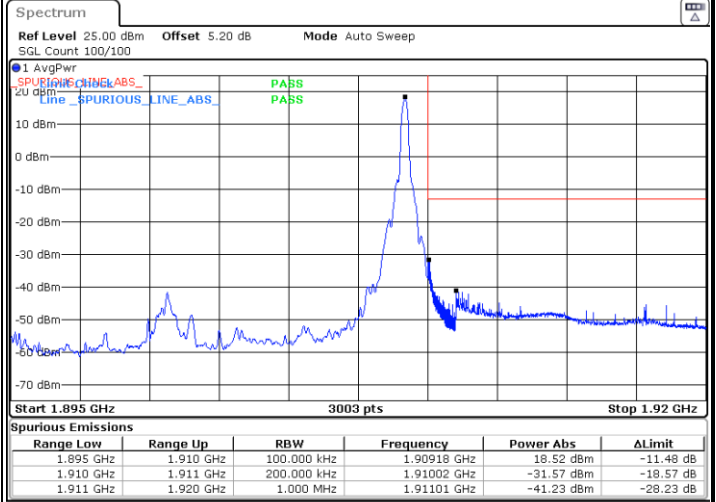
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



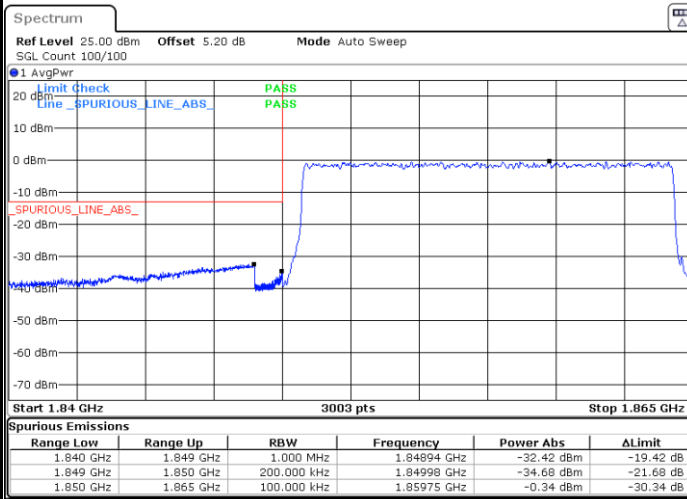
Date: 29.FEB.2024 06:32:44

Highest Band Edge / 1 RB



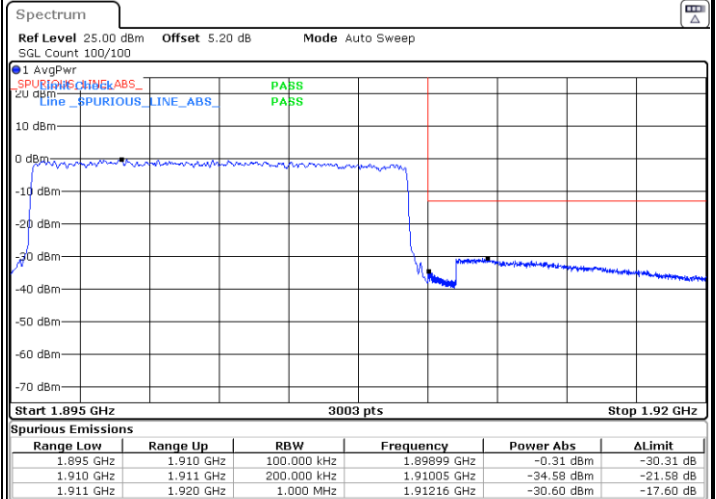
Date: 29.FEB.2024 06:37:35

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:35:13

Highest Band Edge / Full RB

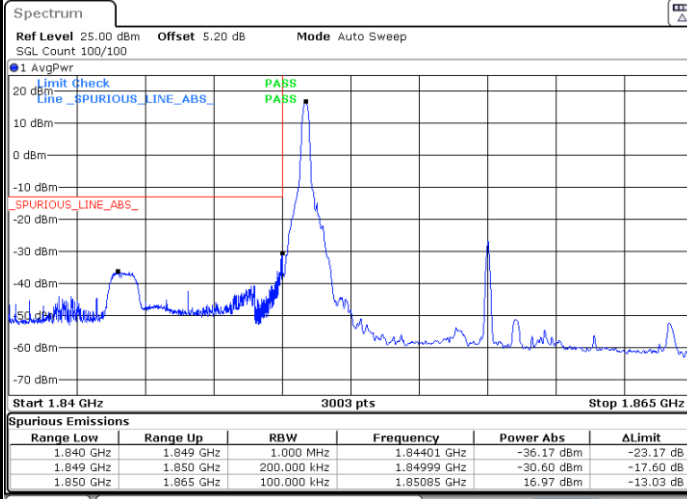


Date: 29.FEB.2024 06:39:45



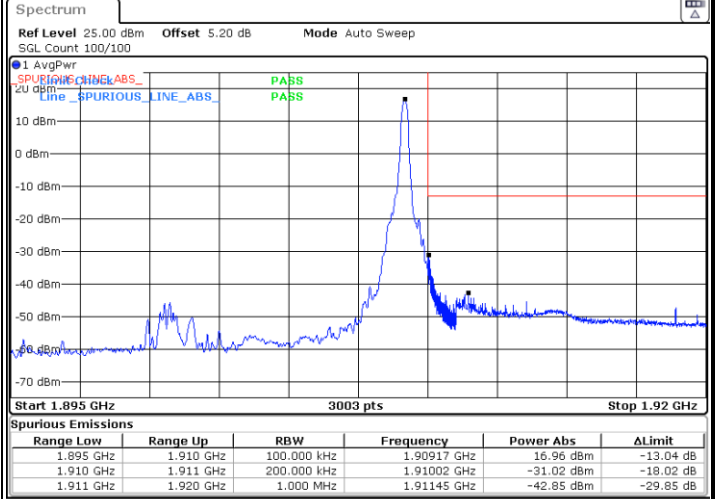
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



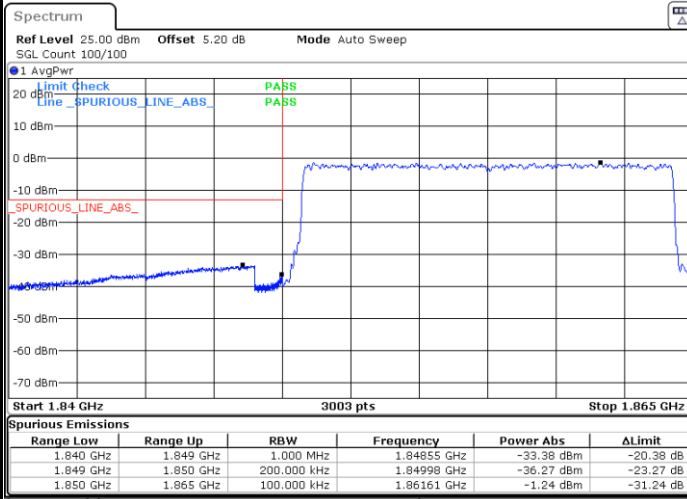
Date: 29.FEB.2024 06:33:36

Highest Band Edge / 1 RB



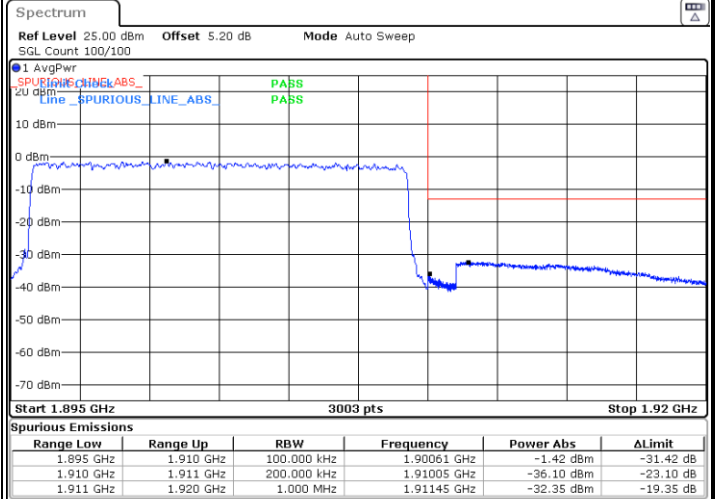
Date: 29.FEB.2024 06:38:09

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:35:38

Highest Band Edge / Full RB

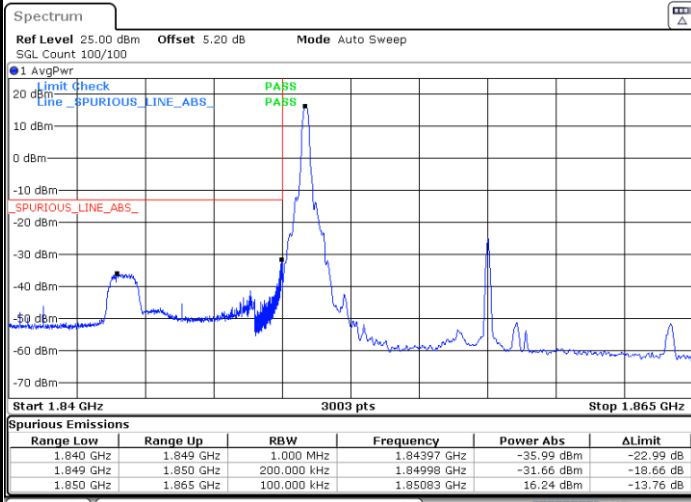


Date: 29.FEB.2024 06:40:17



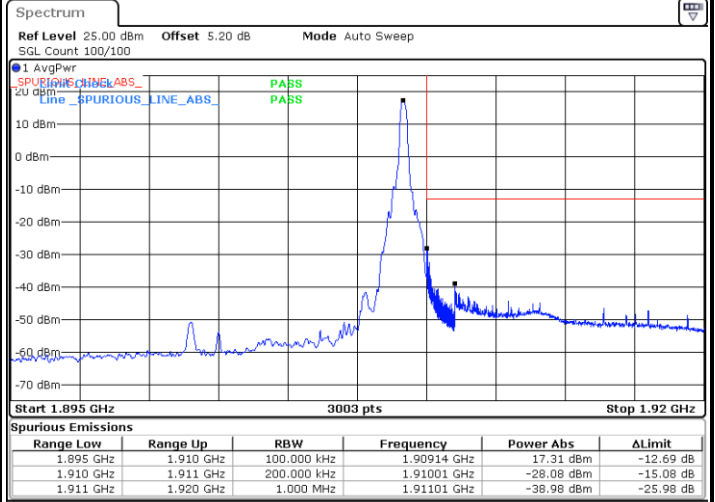
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



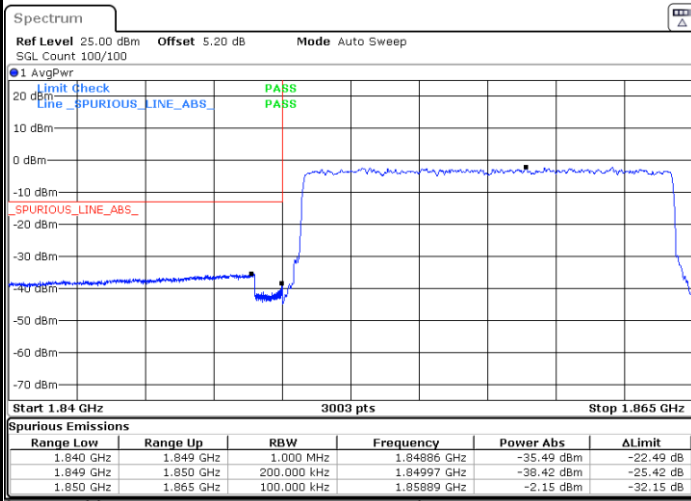
Date: 29.FEB.2024 06:34:07

Highest Band Edge / 1 RB



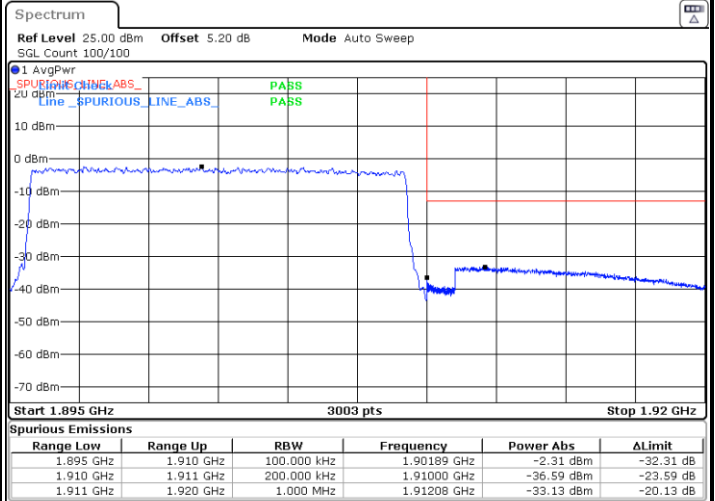
Date: 12.MAR.2024 04:50:58

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:36:10

Highest Band Edge / Full RB



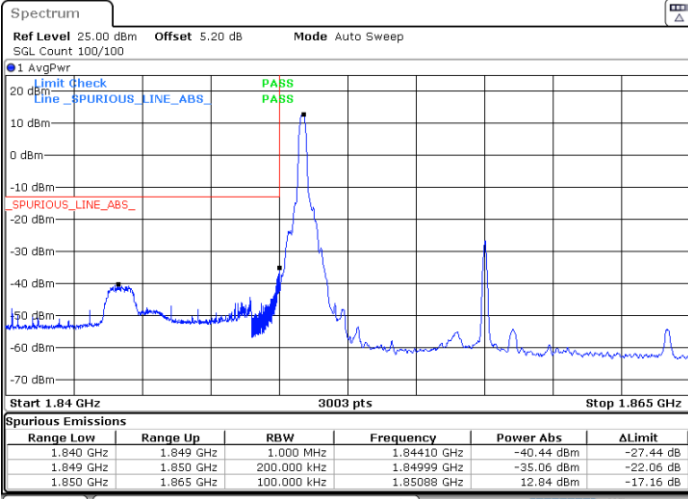
Date: 29.FEB.2024 06:40:45



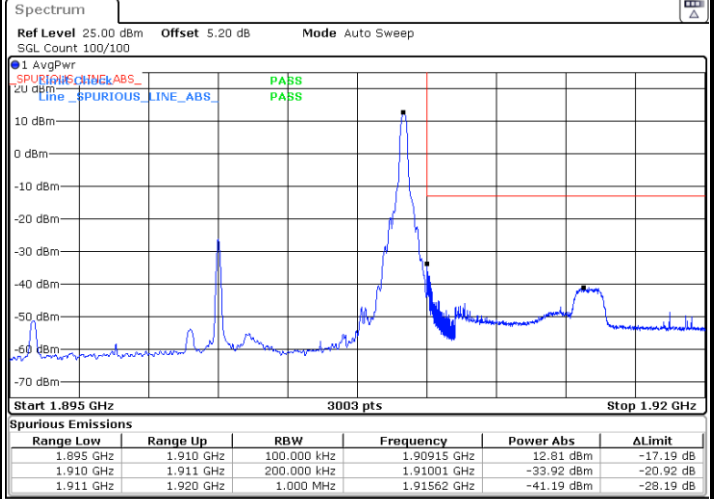
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



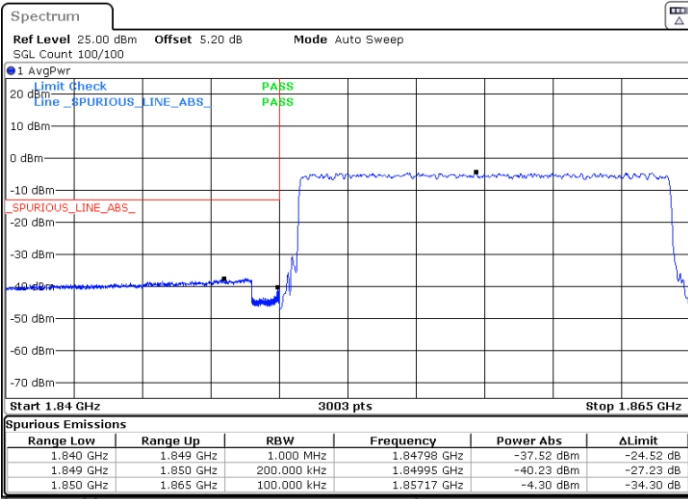
Date: 29.FEB.2024 06:34:40



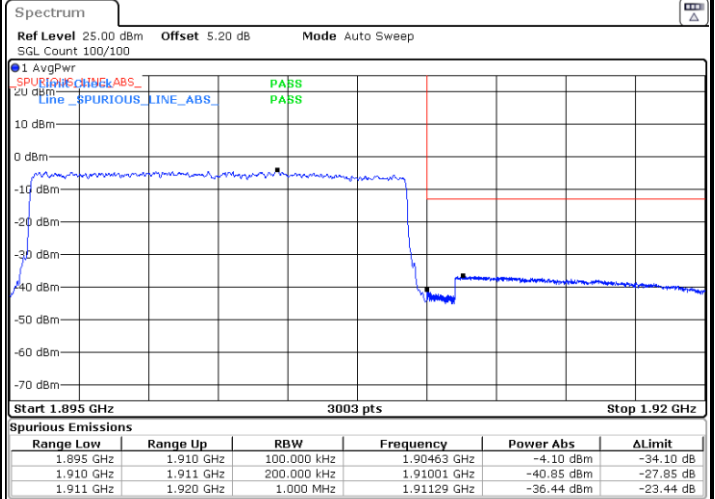
Date: 29.FEB.2024 06:39:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.FEB.2024 06:36:40



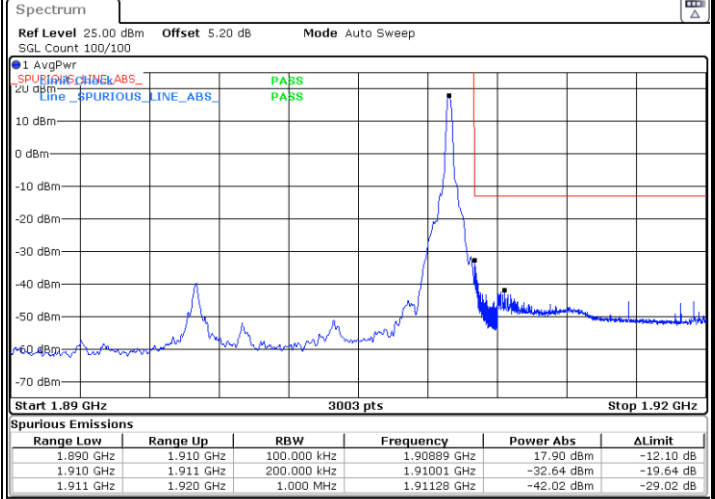
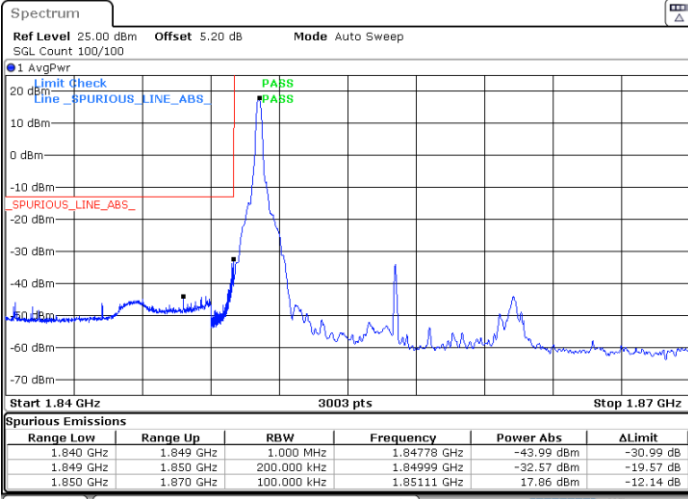
Date: 29.FEB.2024 06:41:15



LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

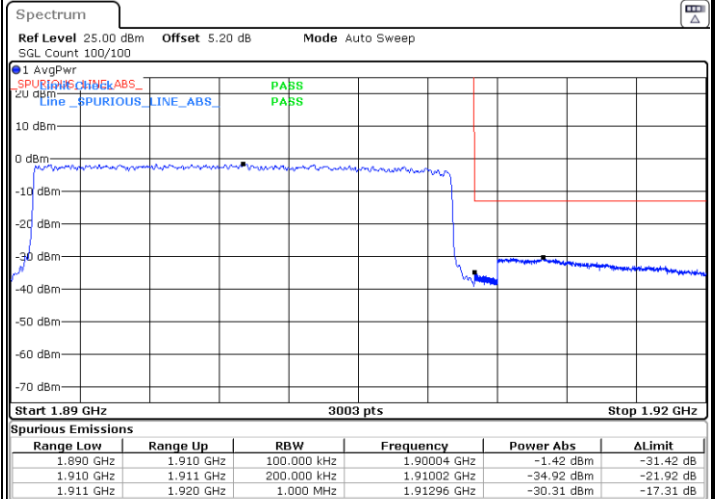
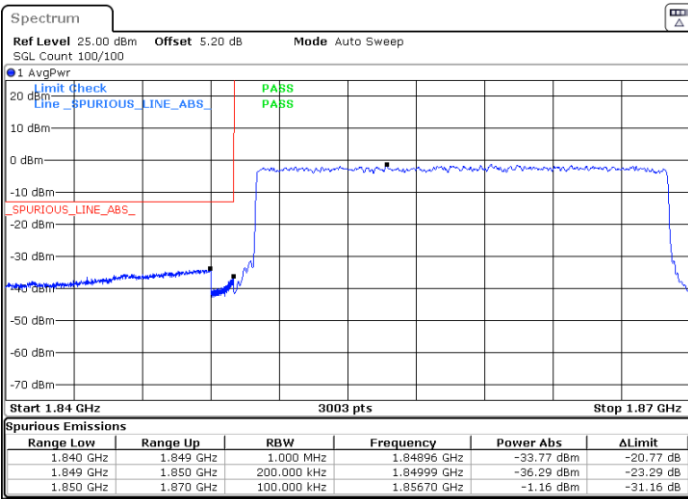


Date: 29.FEB.2024 06:42:04

Date: 29.FEB.2024 06:46:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



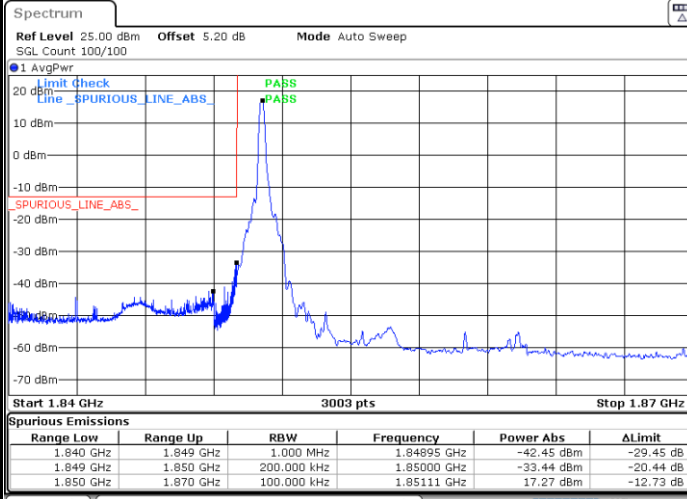
Date: 29.FEB.2024 06:44:27

Date: 29.FEB.2024 06:49:06



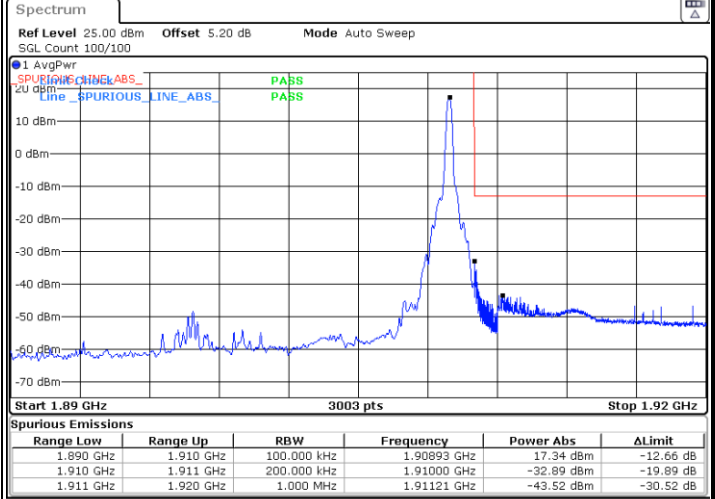
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



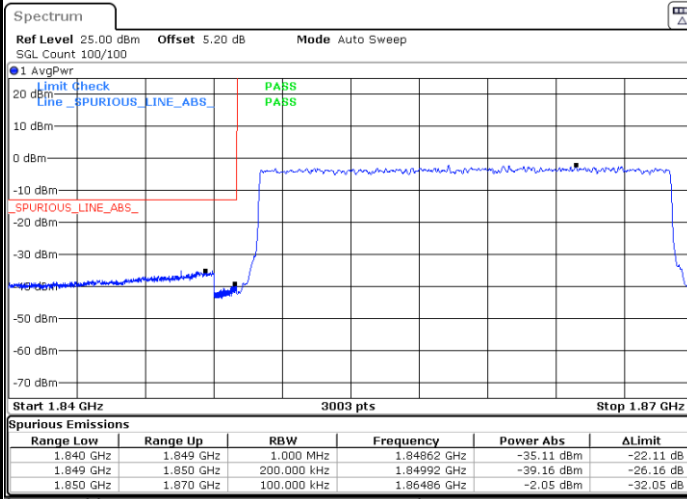
Date: 29.FEB.2024 06:42:36

Highest Band Edge / 1 RB



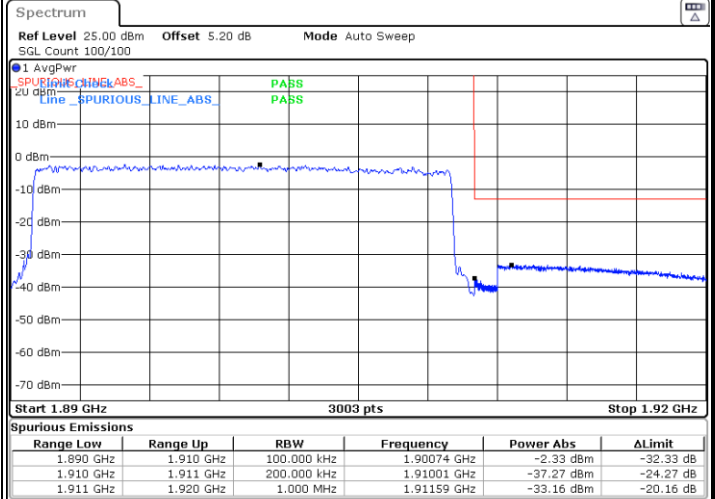
Date: 29.FEB.2024 06:47:22

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:45:01

Highest Band Edge / Full RB



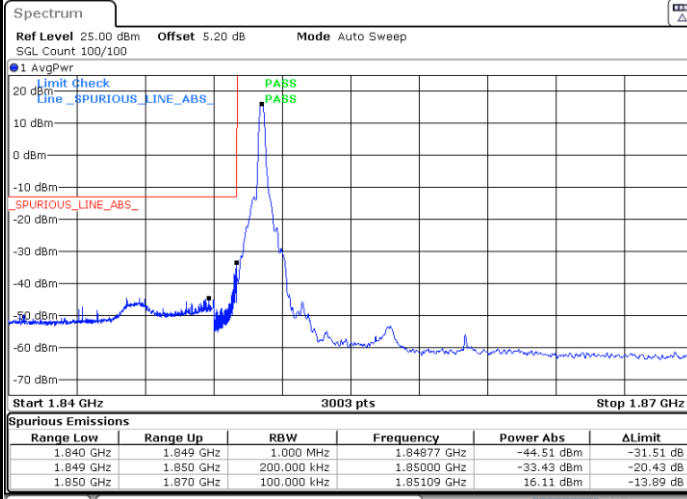
Date: 29.FEB.2024 06:50:10





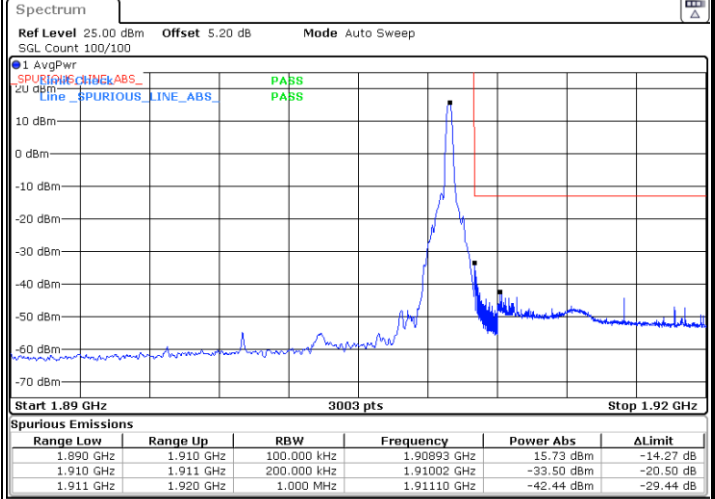
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



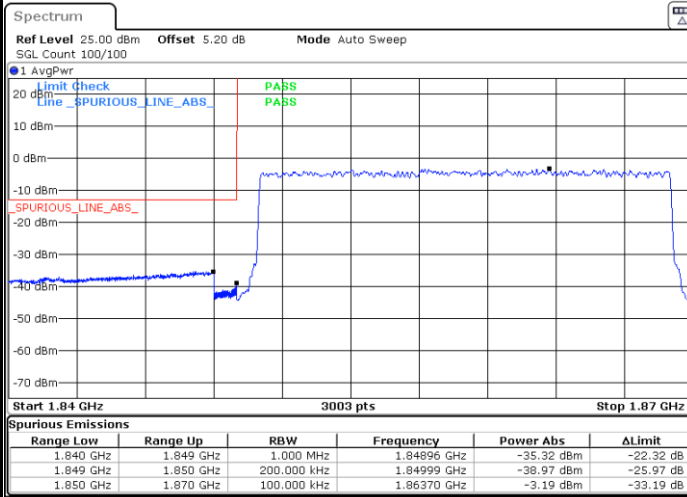
Date: 29.FEB.2024 06:43:13

Highest Band Edge / 1 RB



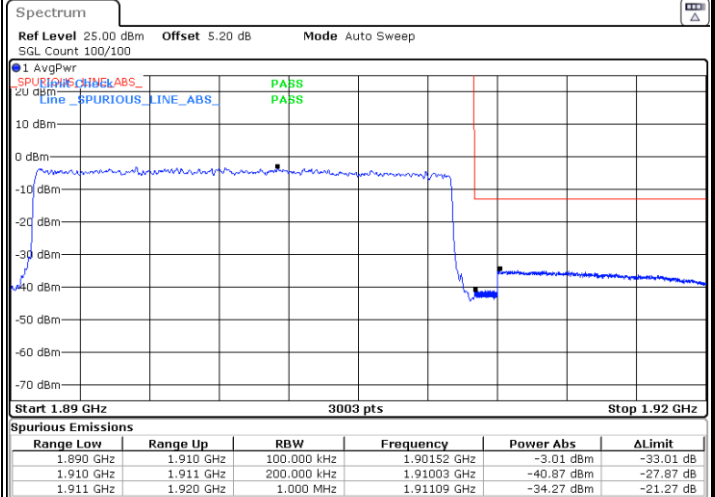
Date: 29.FEB.2024 06:47:59

Lowest Band Edge / Full RB



Date: 29.FEB.2024 06:45:27

Highest Band Edge / Full RB



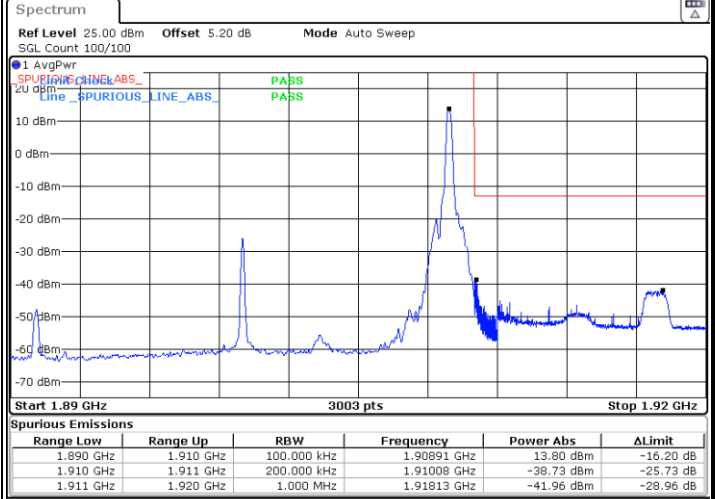
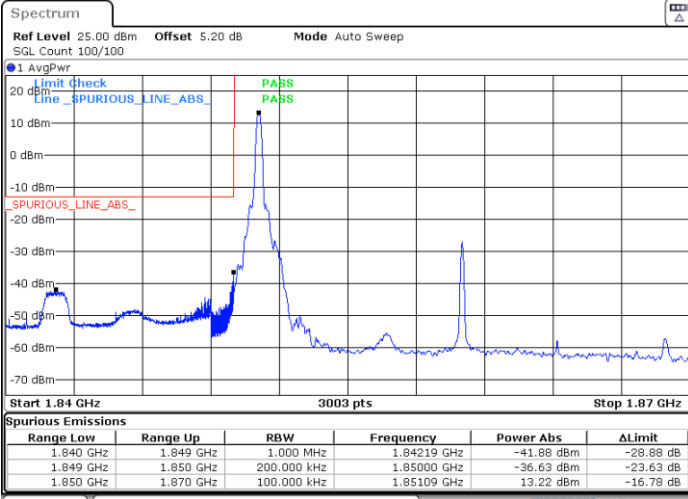
Date: 29.FEB.2024 06:50:41



LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

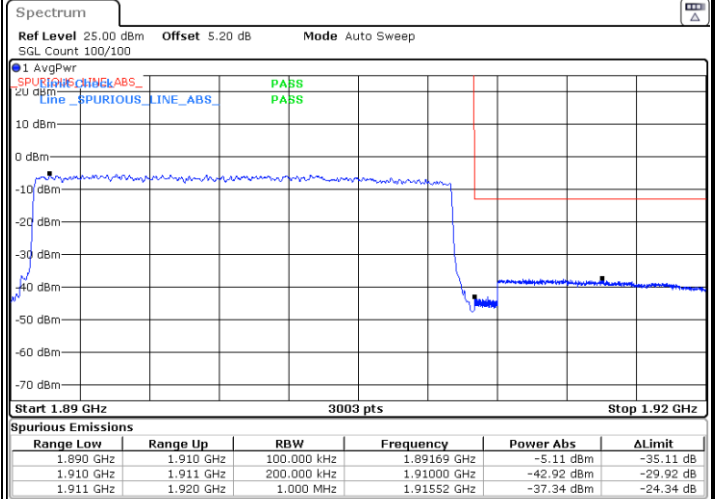
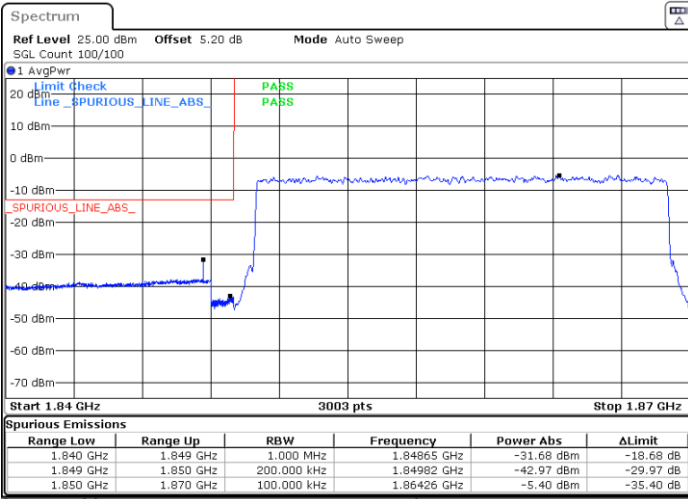


Date: 29.FEB.2024 06:43:51

Date: 29.FEB.2024 06:48:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.FEB.2024 06:45:56

Date: 29.FEB.2024 06:51:12



# Conducted Spurious Emission

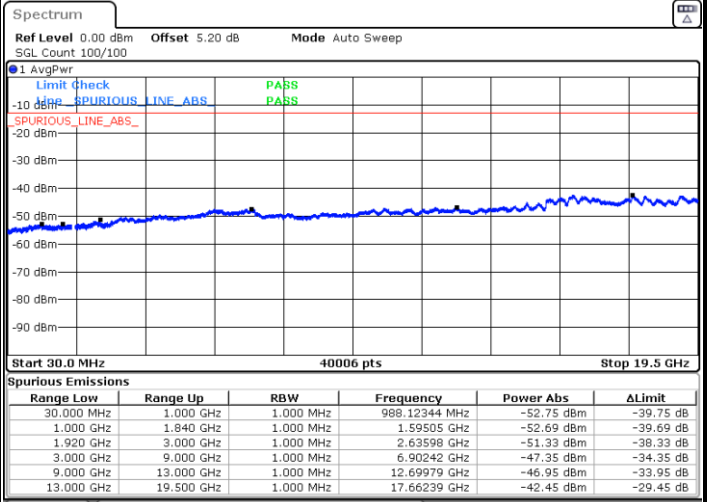
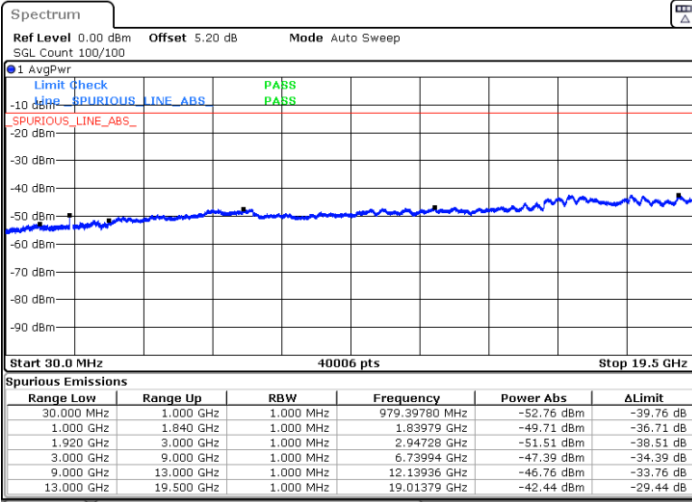




LTE Band 2 / 3MHz

Lowest Channel / QPSK

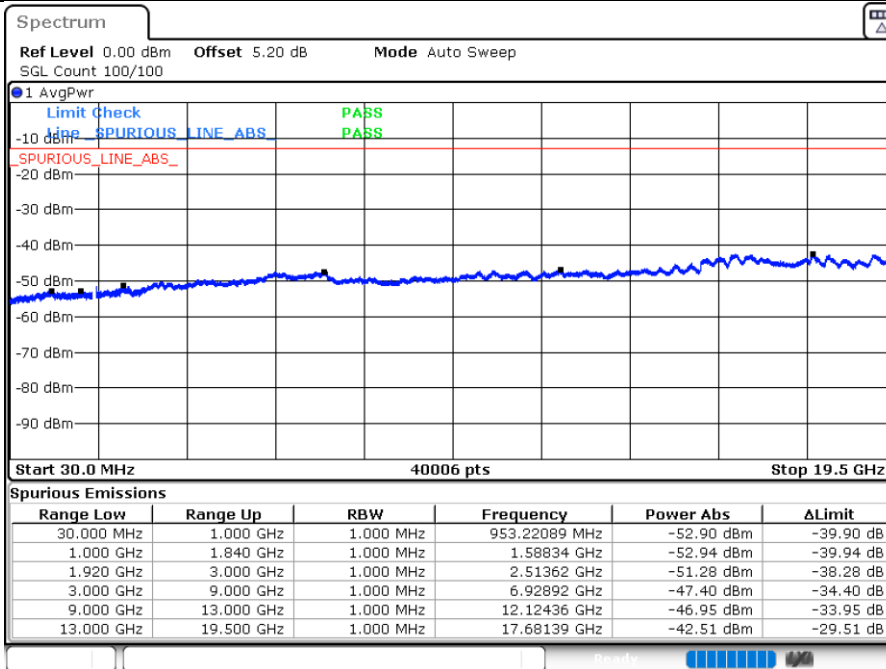
Middle Channel / QPSK



Date: 29.FEB.2024 21:13:31

Date: 29.FEB.2024 21:15:15

Highest Channel / QPSK



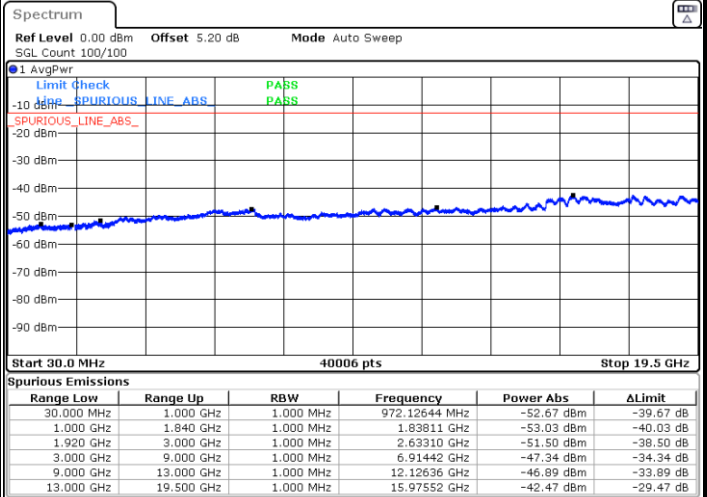
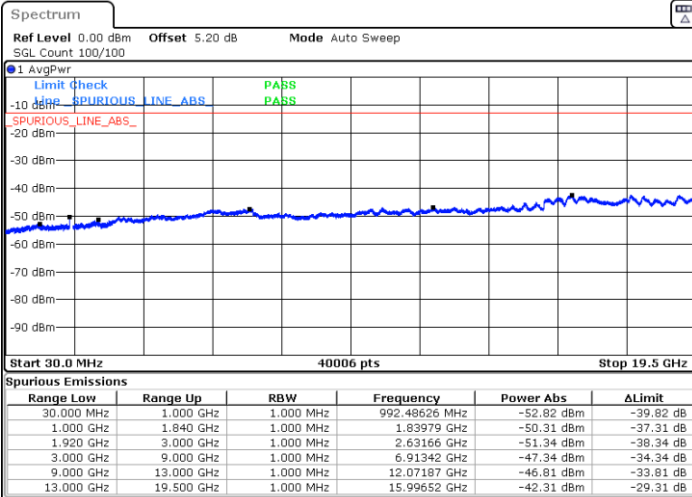
Date: 29.FEB.2024 21:20:21



LTE Band 2 / 5MHz

Lowest Channel / QPSK

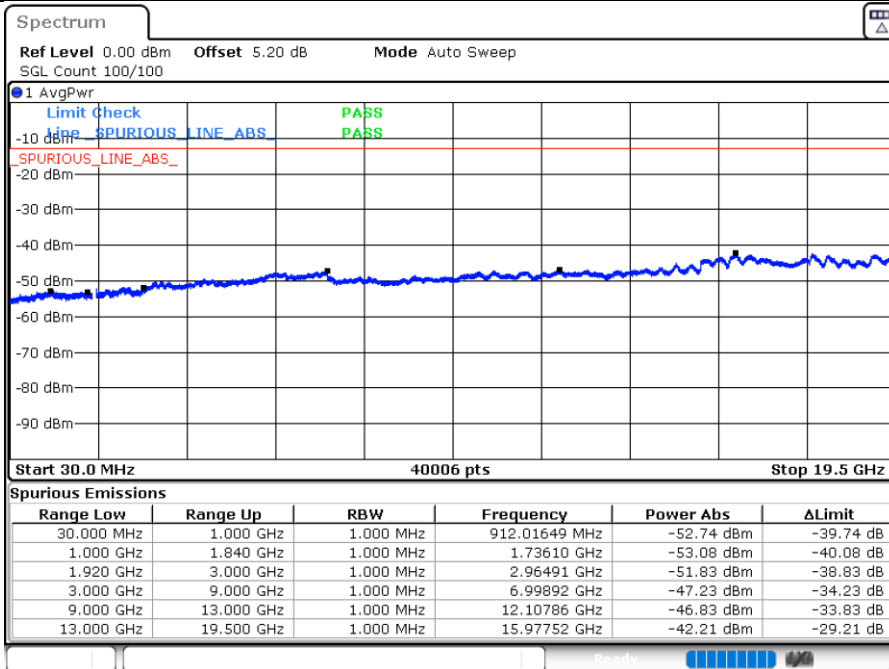
Middle Channel / QPSK



Date: 29.FEB.2024 21:25:06

Date: 29.FEB.2024 21:28:50

Highest Channel / QPSK



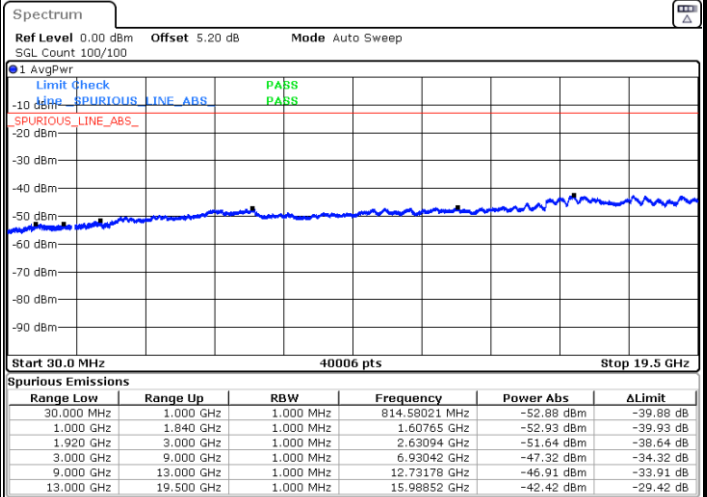
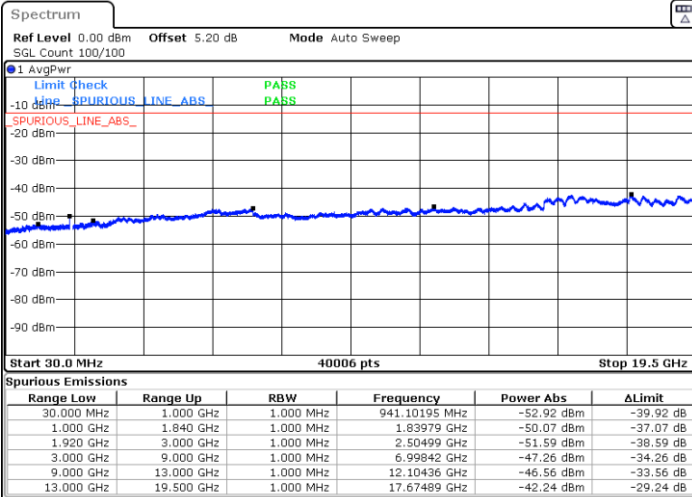
Date: 29.FEB.2024 21:26:59



LTE Band 2 / 10MHz

Lowest Channel / QPSK

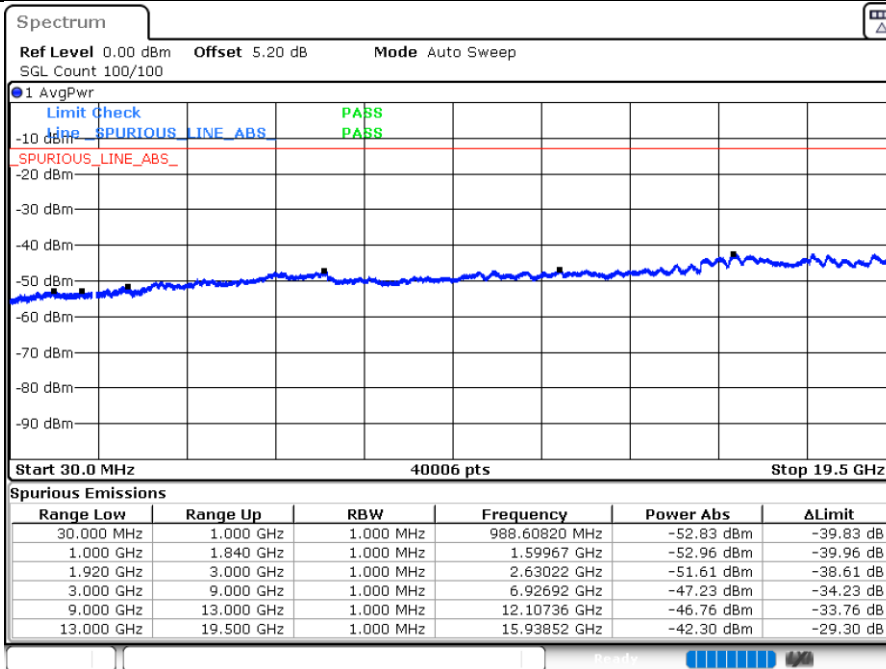
Middle Channel / QPSK



Date: 29.FEB.2024 21:41:14

Date: 29.FEB.2024 21:39:28

Highest Channel / QPSK



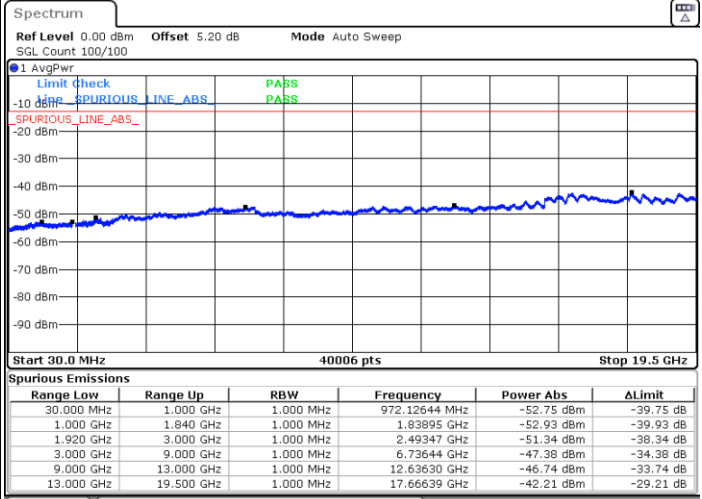
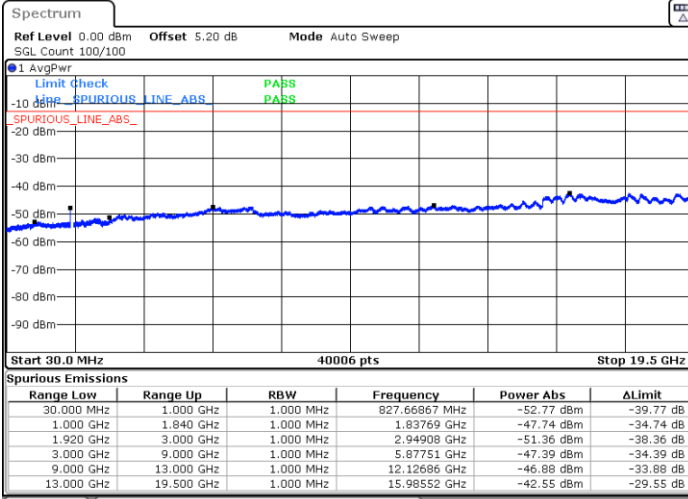
Date: 29.FEB.2024 21:42:43



LTE Band 2 / 15MHz

Lowest Channel / QPSK

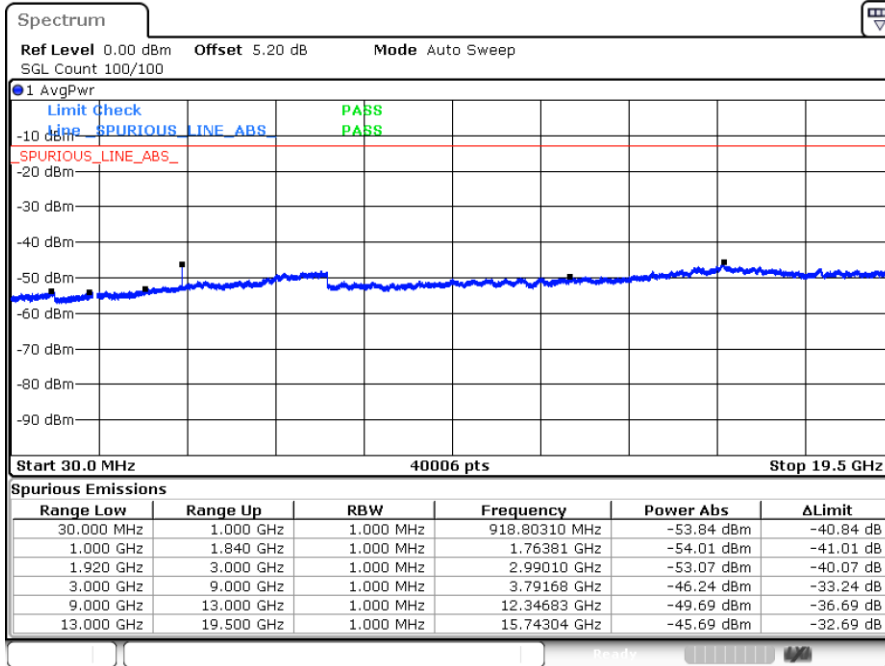
Middle Channel / QPSK



Date: 29.FEB.2024 22:02:18

Date: 29.FEB.2024 21:54:40

Highest Channel / QPSK



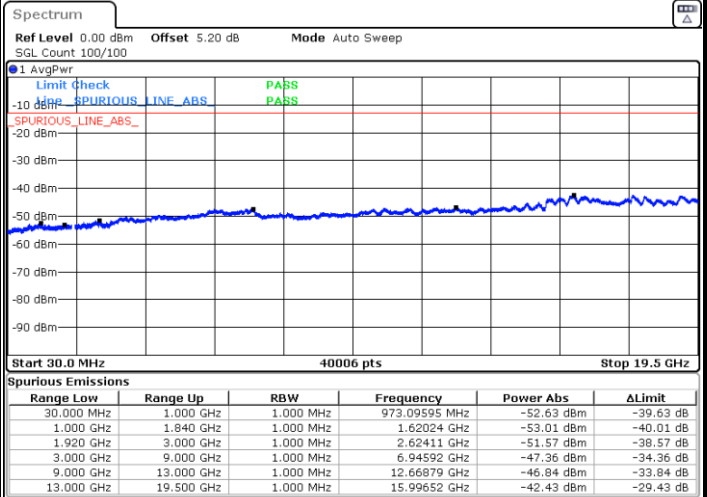
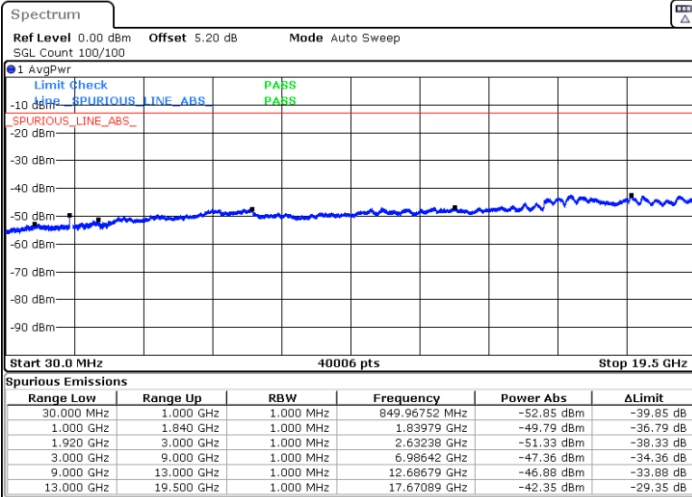
Date: 12.MAR.2024 04:49:59



LTE Band 2 / 20MHz

Lowest Channel / QPSK

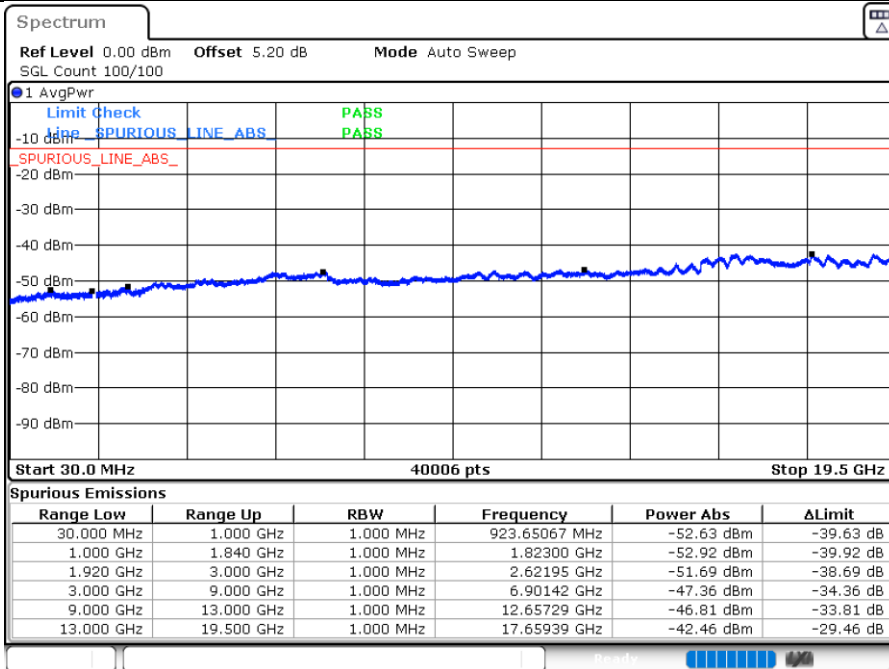
Middle Channel / QPSK



Date: 29.FEB.2024 22:09:31

Date: 29.FEB.2024 22:07:16

Highest Channel / QPSK



Date: 29.FEB.2024 22:11:56





Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Minimum Voltage	0.0004	

Note:

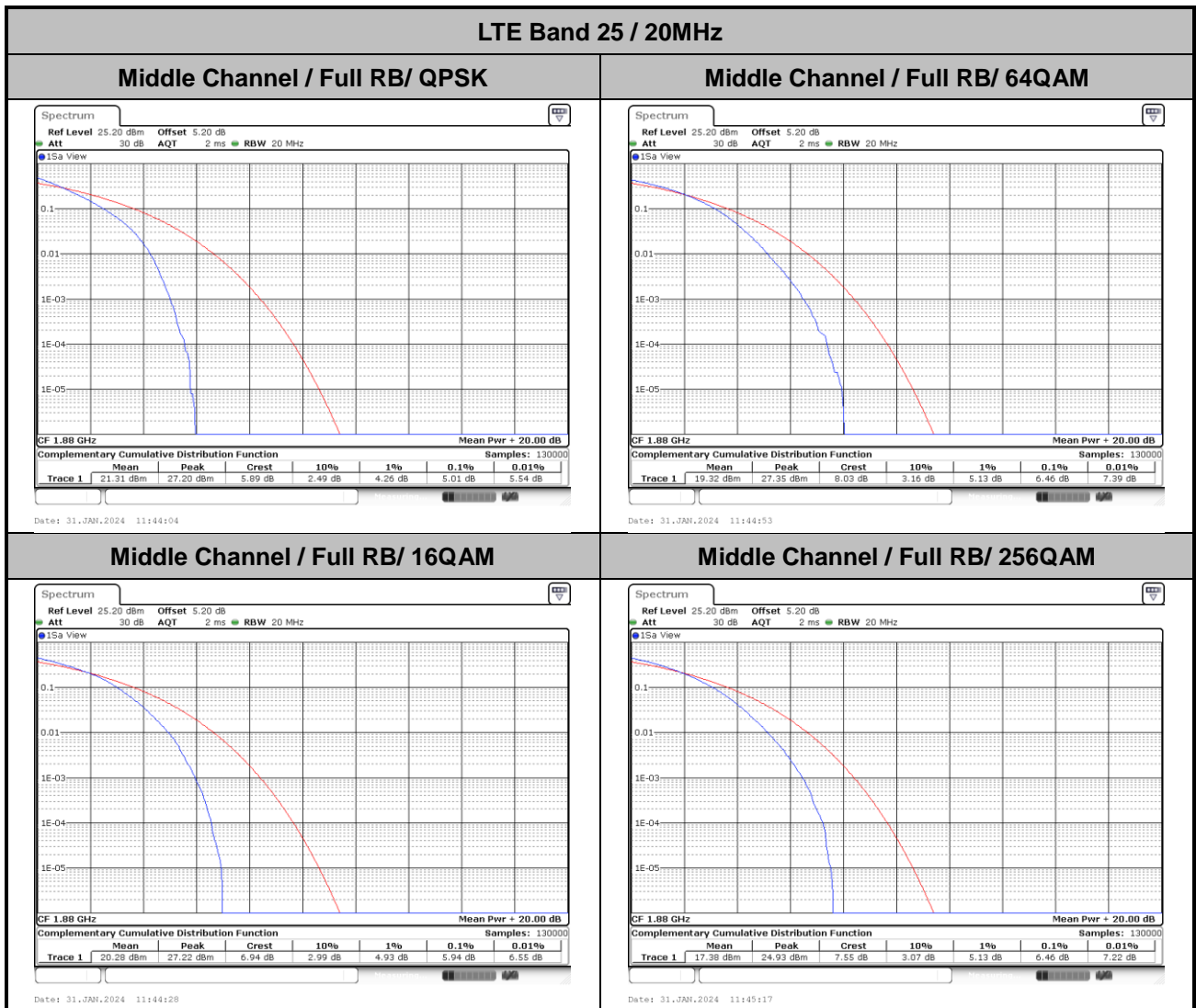
1. Normal Voltage = 3.8 V. ; Minimum Voltage =3.3 V. ; Maximum Voltage = 4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 25

## Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.94	6.46	6.46	PASS





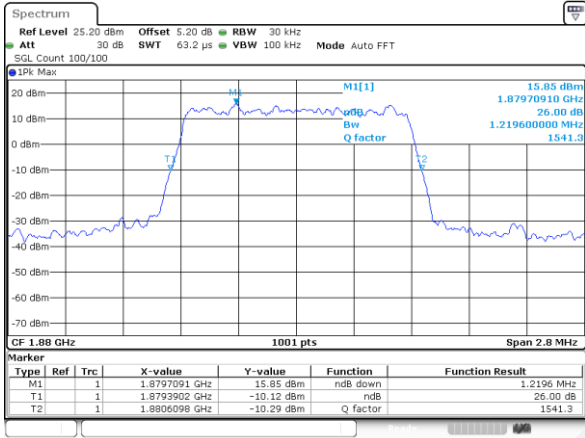
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.22	1.23
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	3.01	3.03
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.97	4.90
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.77	9.83
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.51	14.78
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.98	18.74



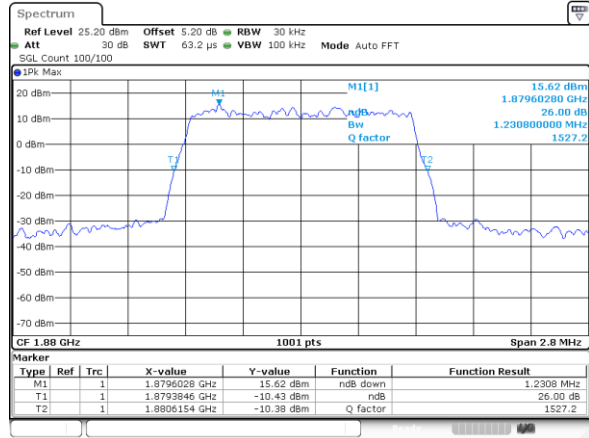
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 31\_JAN\_2024 11:57:47

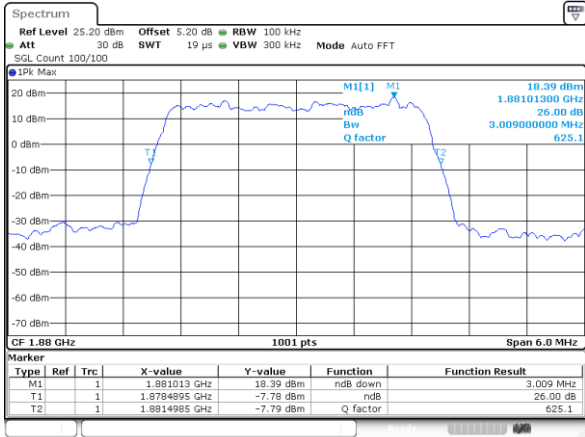
Middle Channel / 1.4MHz / 16QAM



Date: 31\_JAN\_2024 11:58:09

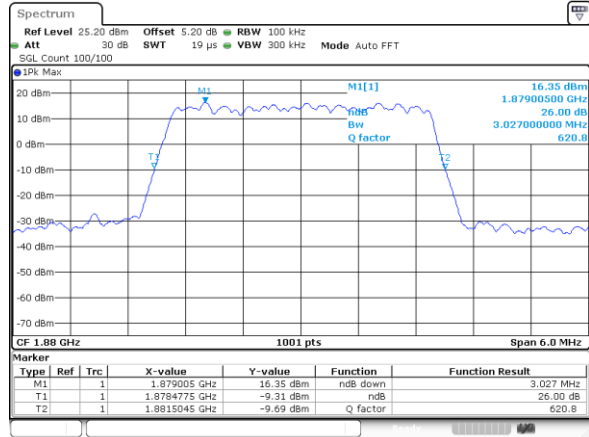
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 31\_JAN\_2024 11:53:50

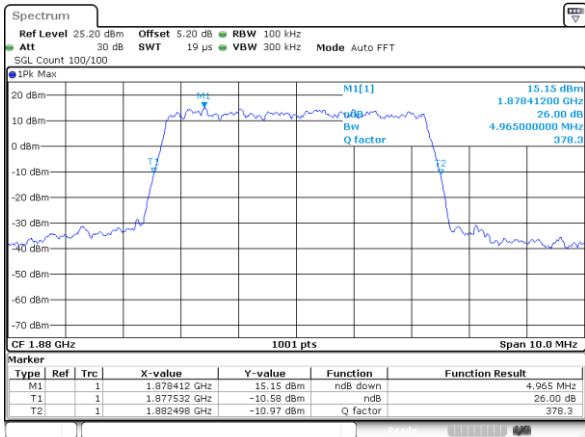
Middle Channel / 3MHz / 16QAM



Date: 31\_JAN\_2024 11:54:12

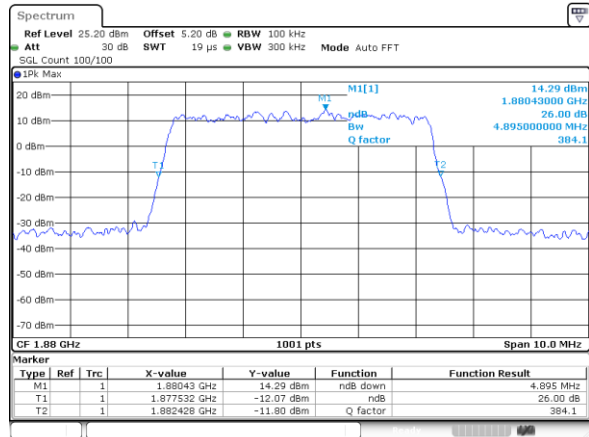
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 31\_JAN\_2024 11:52:20

Middle Channel / 5MHz / 16QAM

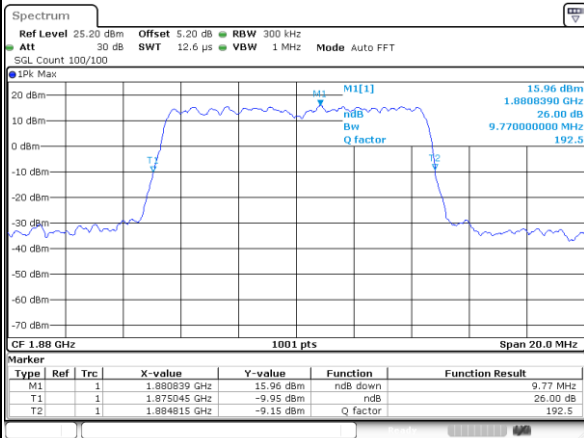


Date: 31\_JAN\_2024 11:52:42



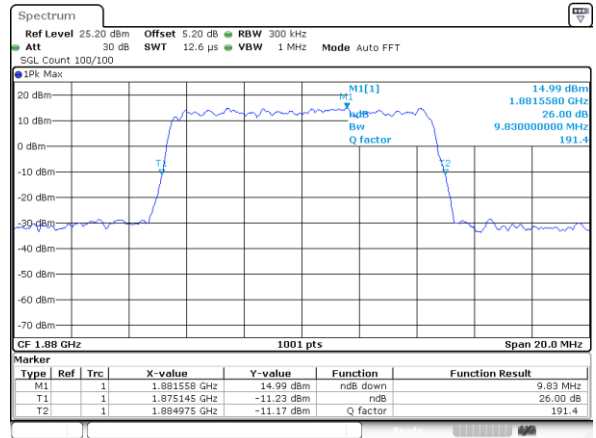
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 31.JAN.2024 11:50:50

Middle Channel / 10MHz / 16QAM



Date: 31.JAN.2024 11:51:12

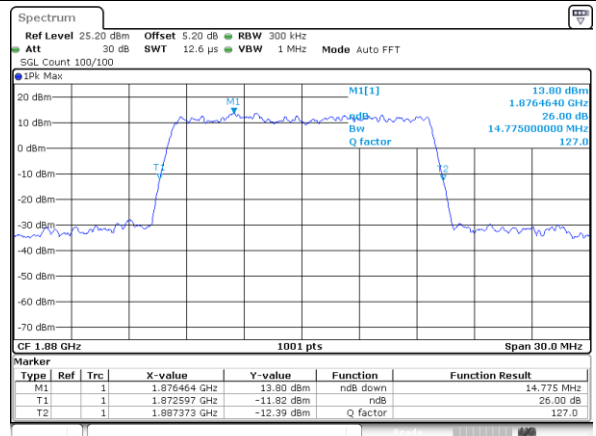
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 31.JAN.2024 11:49:20

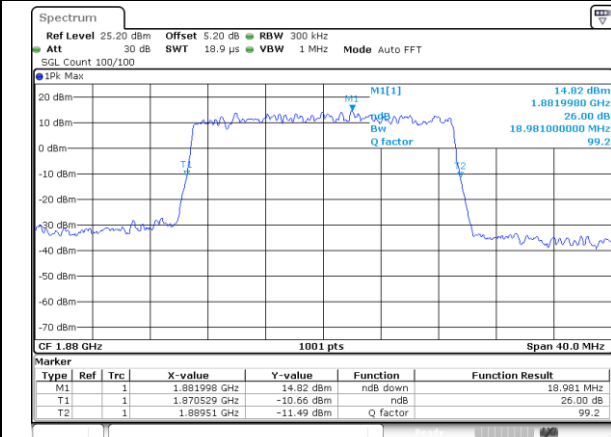
Middle Channel / 15MHz / 16QAM



Date: 31.JAN.2024 11:49:41

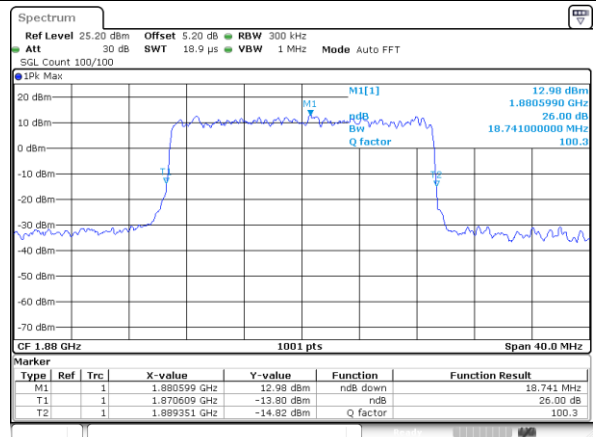
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 31.JAN.2024 11:32:54

Middle Channel / 20MHz / 16QAM



Date: 31.JAN.2024 11:33:16



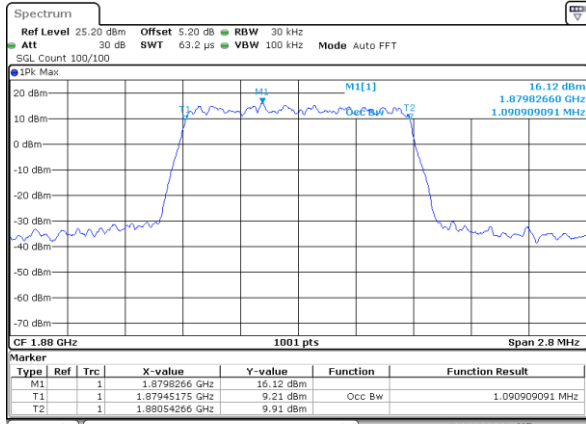
### Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.09	1.10
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.71	2.74
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.48	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	8.97	8.93
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.46	13.37
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.86	17.86



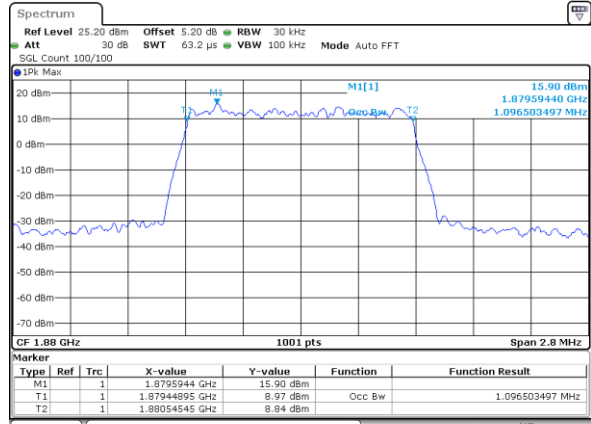
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 31.JAN.2024 11:57:24

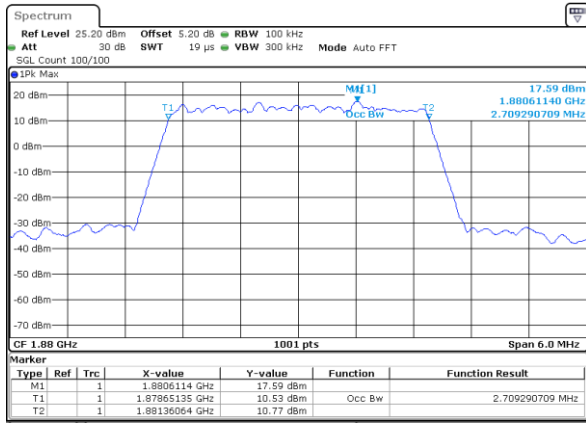
Middle Channel / 1.4MHz / 16QAM



Date: 31.JAN.2024 11:58:30

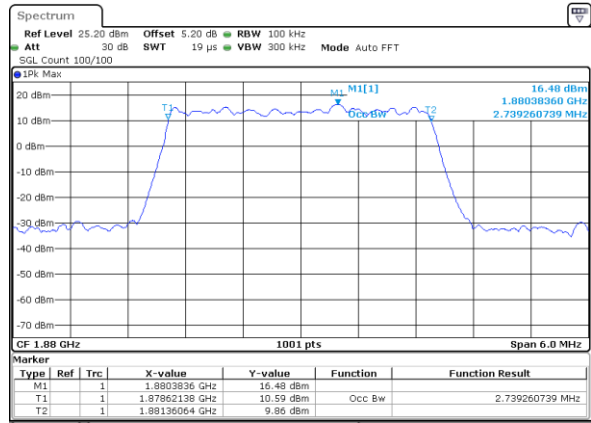
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 31.JAN.2024 11:53:27

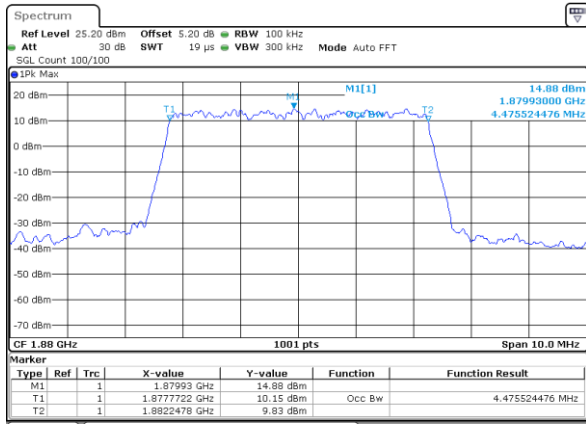
Middle Channel / 3MHz / 16QAM



Date: 31.JAN.2024 11:54:33

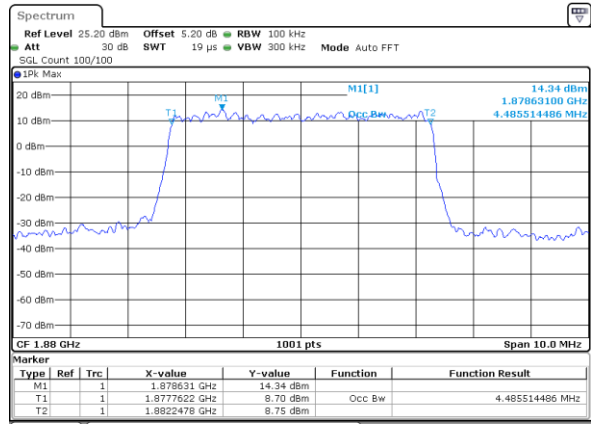
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 31.JAN.2024 11:51:57

Middle Channel / 5MHz / 16QAM

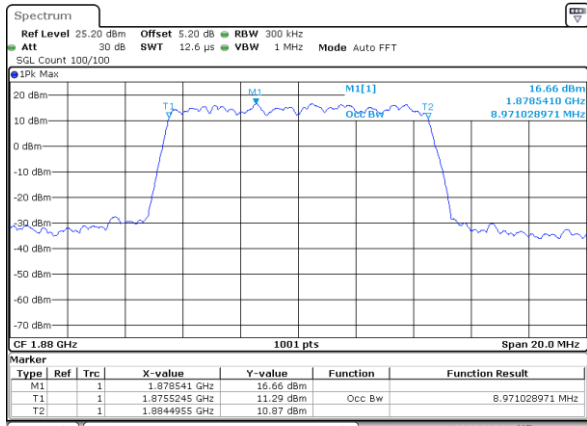


Date: 31.JAN.2024 11:53:03



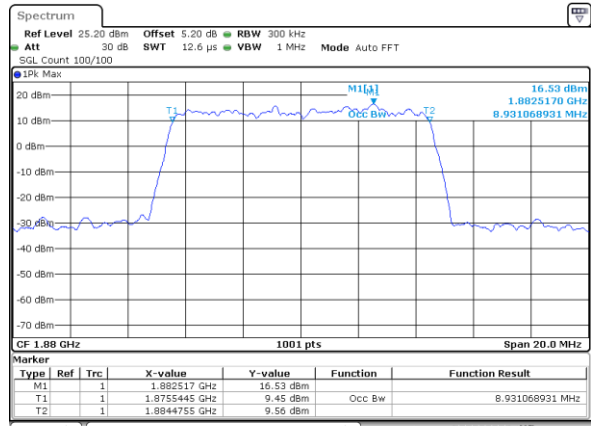
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 31.JAN.2024 11:50:27

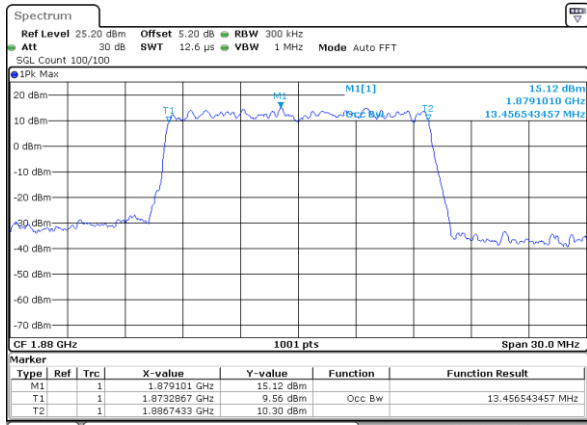
Middle Channel / 10MHz / 16QAM



Date: 31.JAN.2024 11:51:33

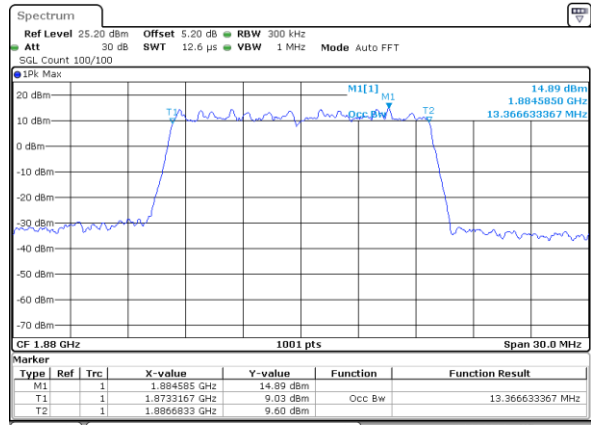
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 31.JAN.2024 11:48:56

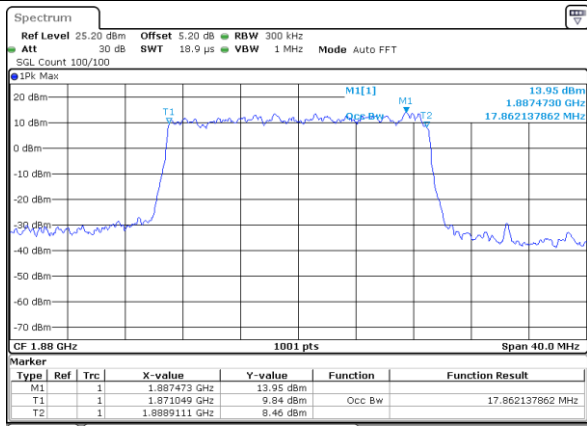
Middle Channel / 15MHz / 16QAM



Date: 31.JAN.2024 11:50:03

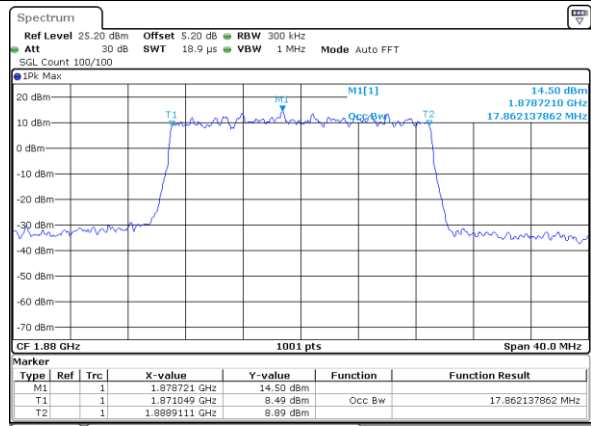
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 31.JAN.2024 11:32:33

Middle Channel / 20MHz / 16QAM

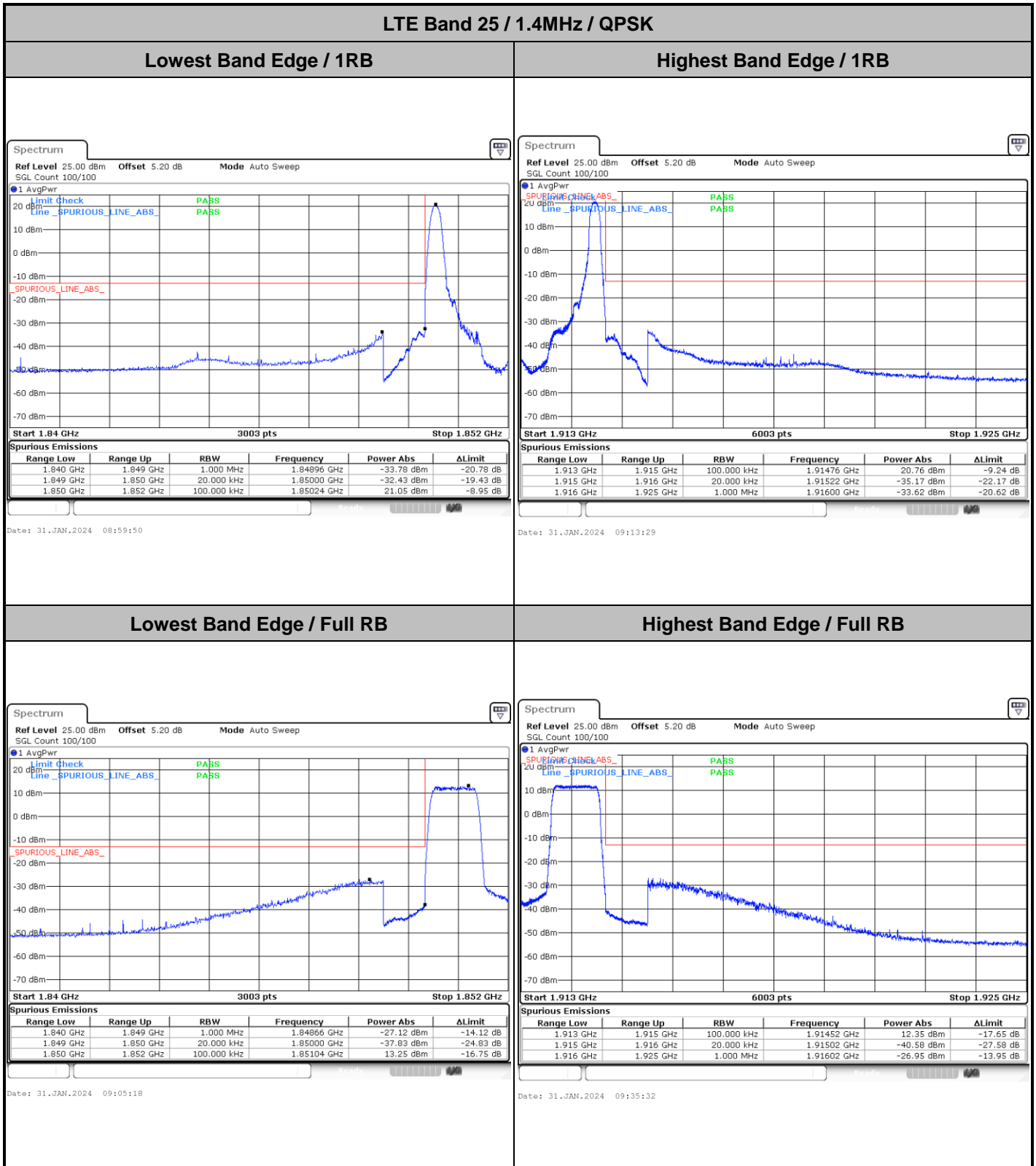


Date: 31.JAN.2024 11:33:37





# Conducted Band Edge

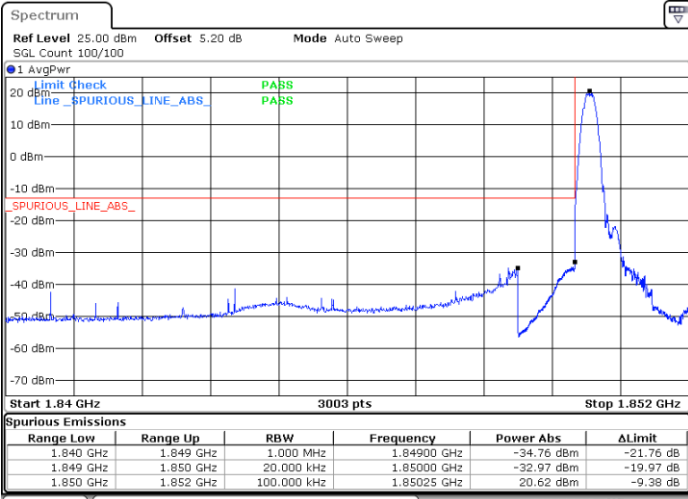




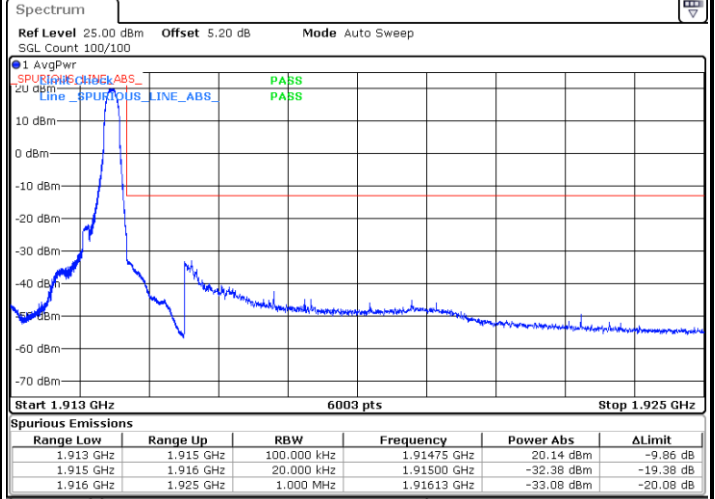
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



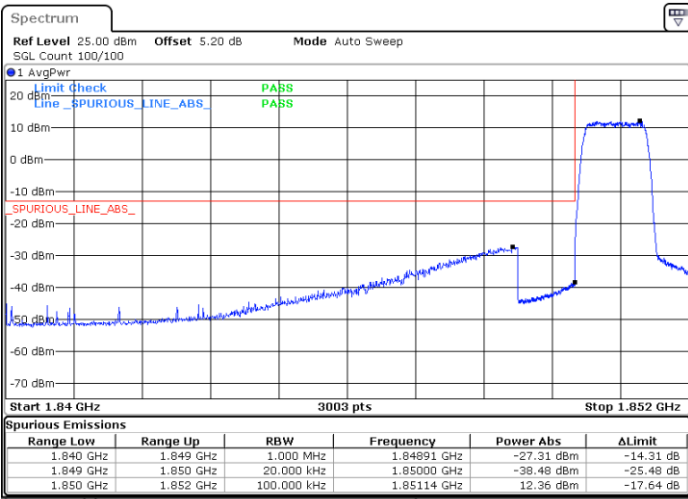
Date: 31.JAN.2024 09:01:12



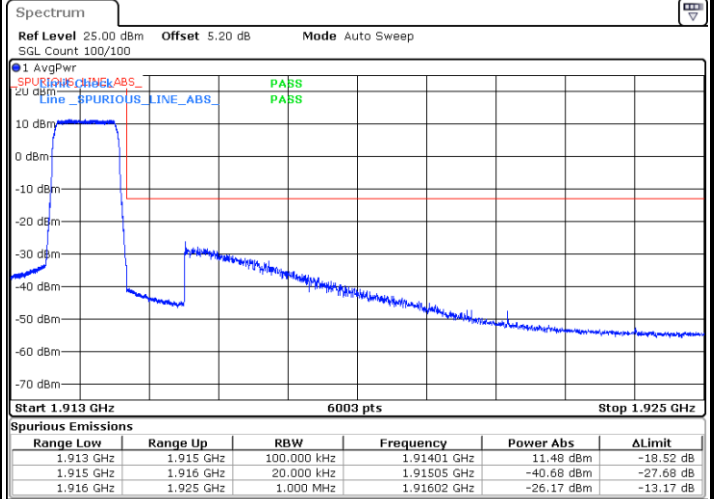
Date: 31.JAN.2024 09:14:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.JAN.2024 09:06:40



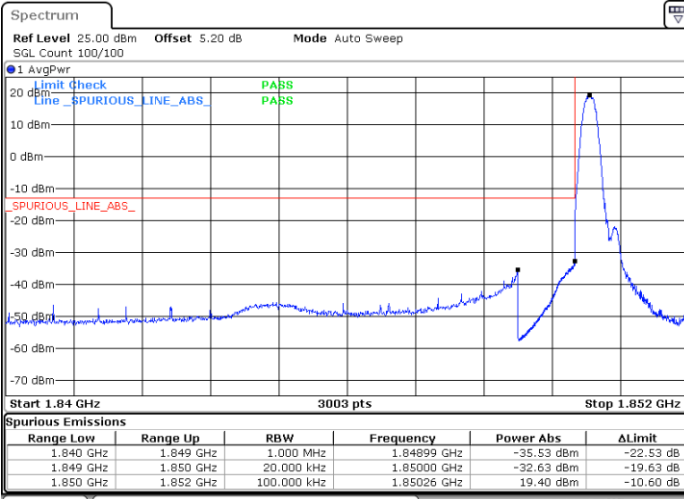
Date: 31.JAN.2024 09:36:53



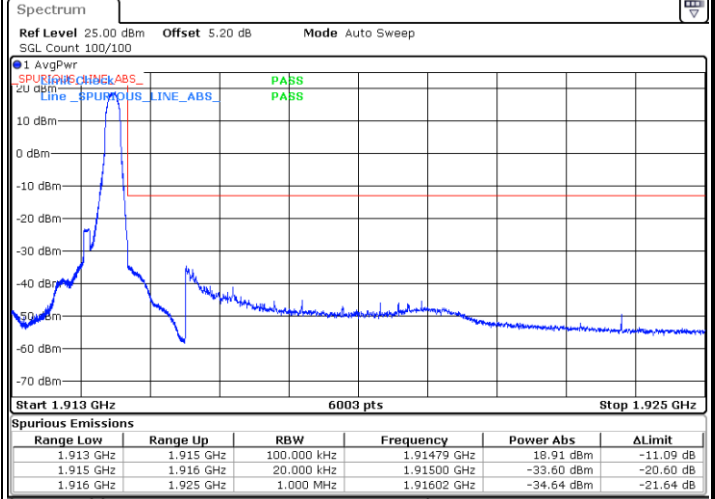
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



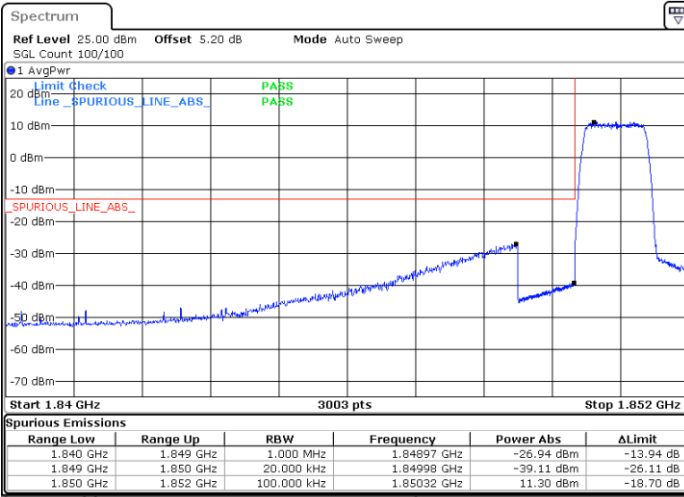
Date: 31.JAN.2024 09:02:33



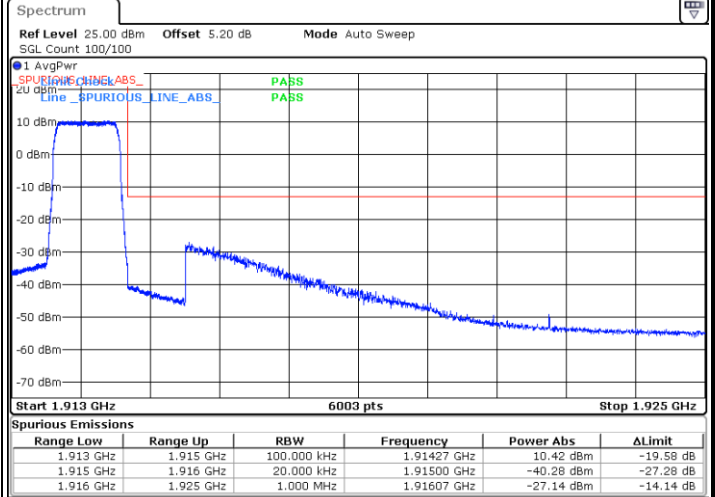
Date: 31.JAN.2024 09:16:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.JAN.2024 09:08:01



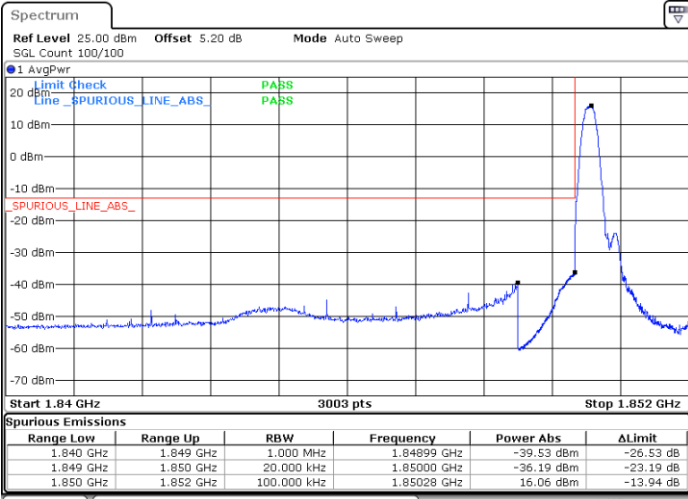
Date: 31.JAN.2024 09:38:14



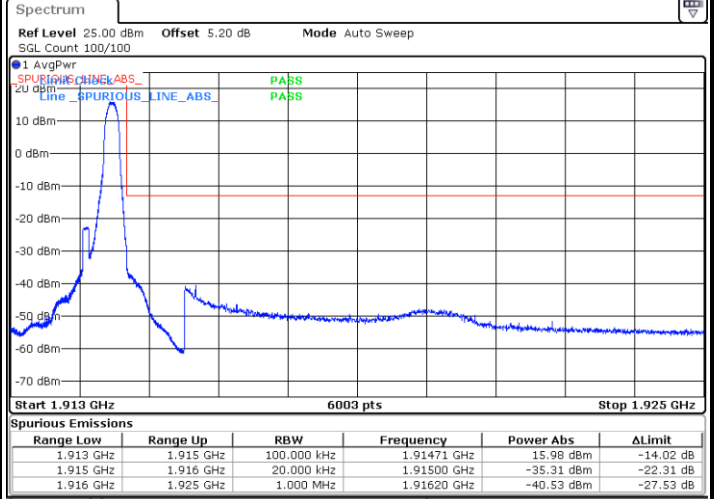
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



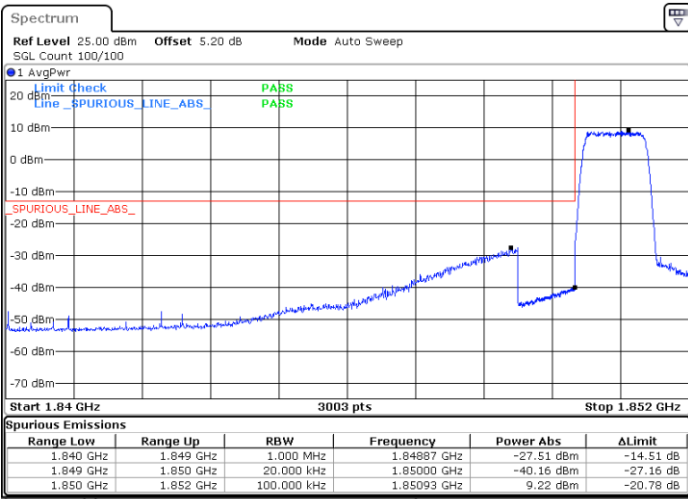
Date: 31.JAN.2024 09:03:54



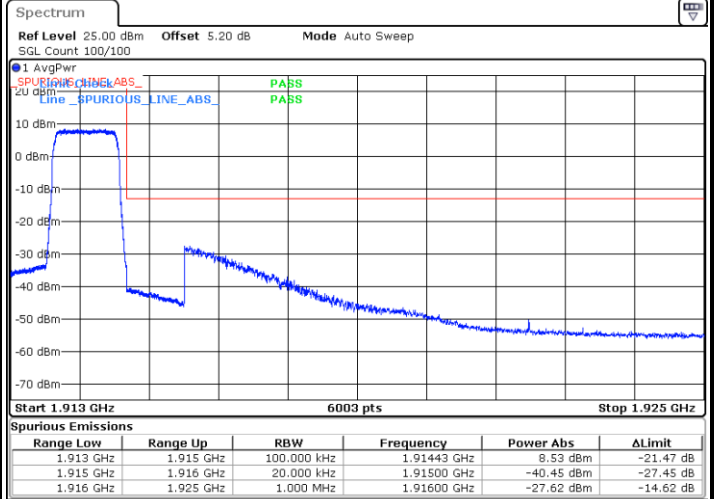
Date: 31.JAN.2024 09:34:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.JAN.2024 09:09:23

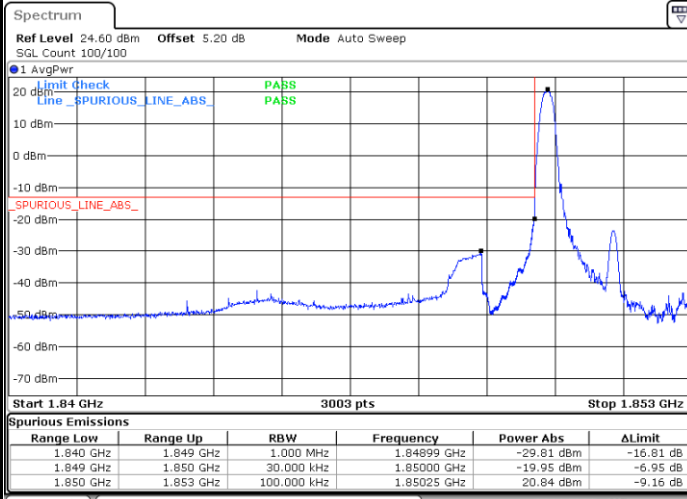


Date: 31.JAN.2024 09:39:36



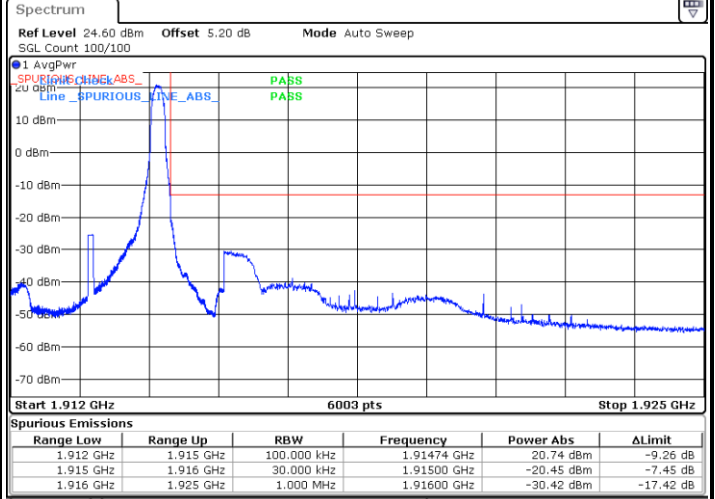
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



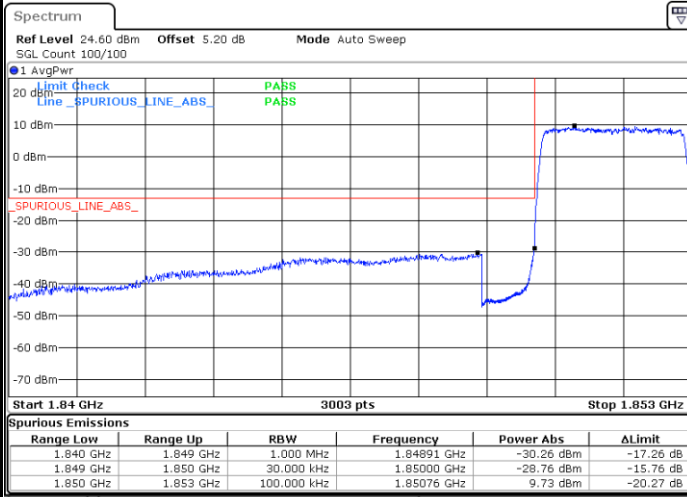
Date: 31.JAN.2024 09:51:33

Highest Band Edge / 1 RB



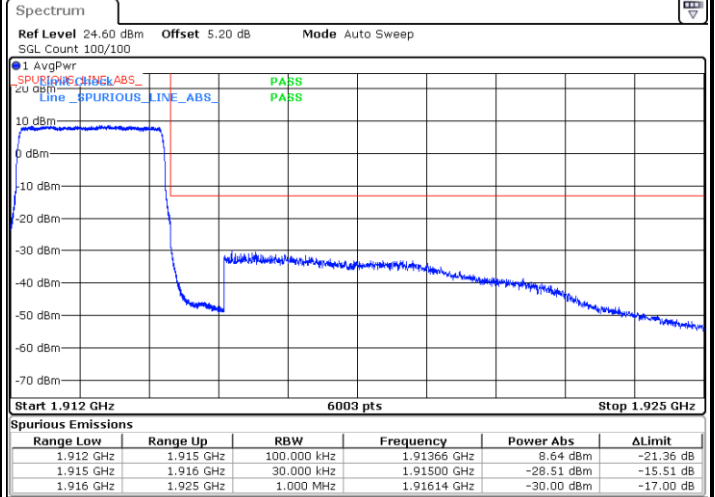
Date: 31.JAN.2024 09:59:43

Lowest Band Edge / Full RB



Date: 31.JAN.2024 09:44:49

Highest Band Edge / Full RB



Date: 31.JAN.2024 10:05:10