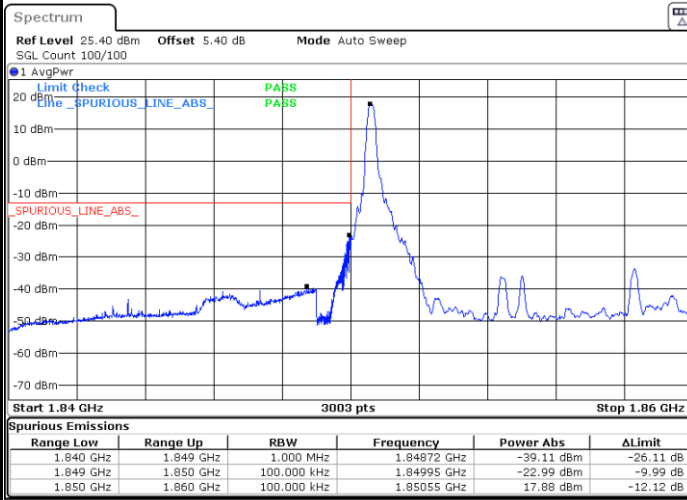




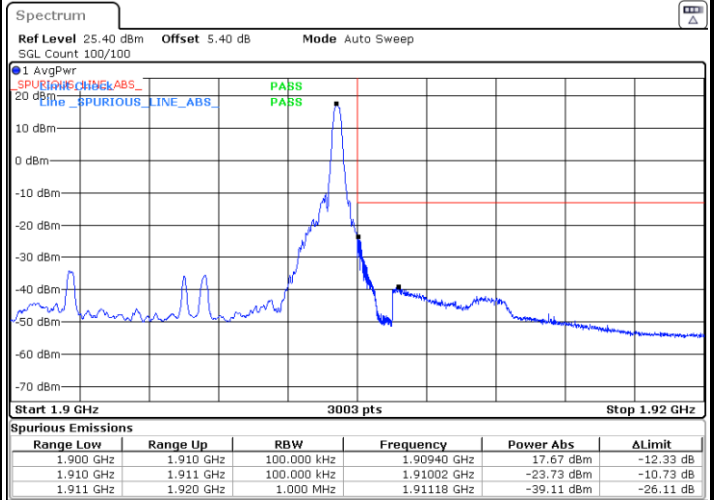
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



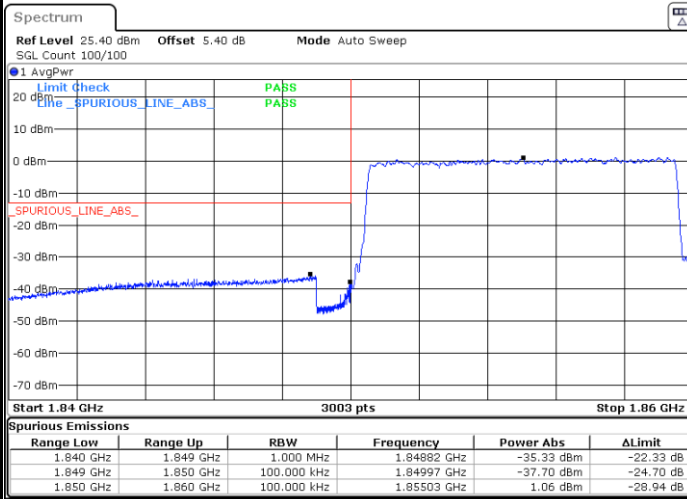
Date: 17.APR.2025 09:34:56

Highest Band Edge / 1 RB



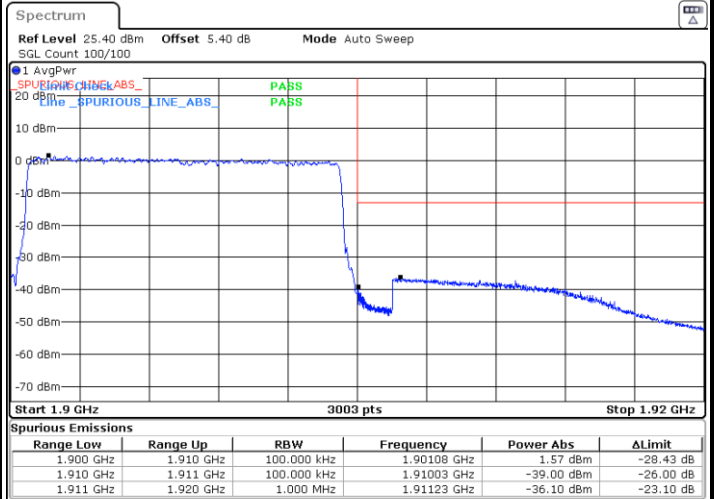
Date: 17.APR.2025 09:47:11

Lowest Band Edge / Full RB



Date: 17.APR.2025 09:38:03

Highest Band Edge / Full RB



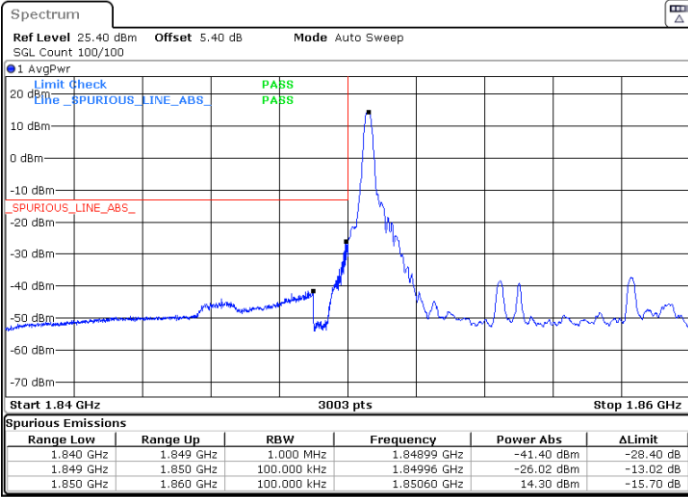
Date: 17.APR.2025 09:49:57



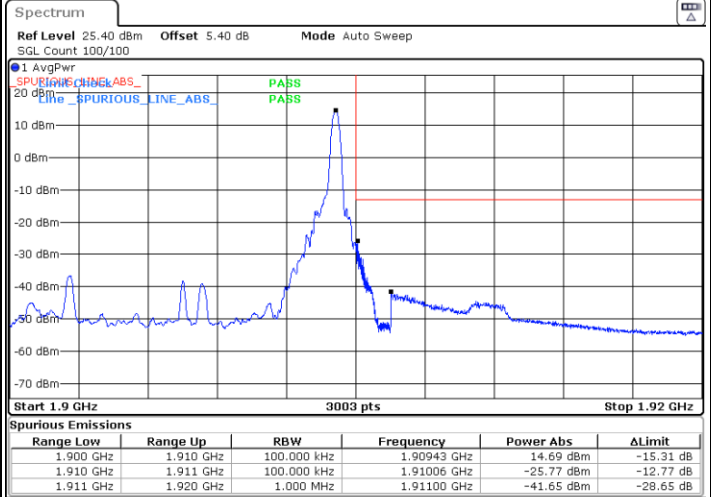
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



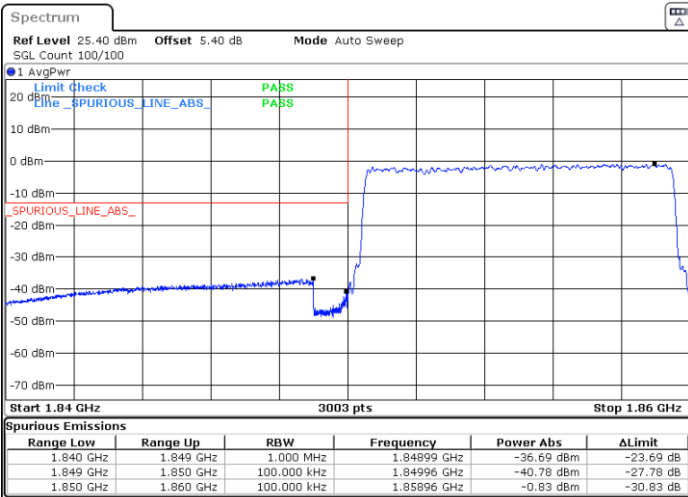
Date: 17.APR.2025 09:35:58



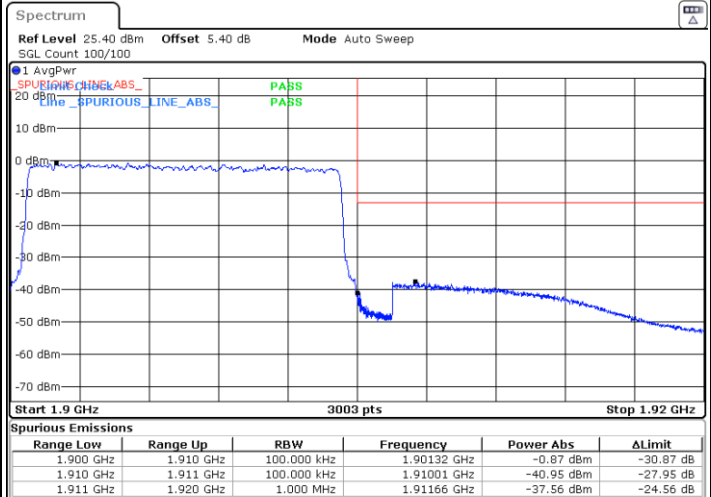
Date: 17.APR.2025 09:48:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.APR.2025 09:37:00

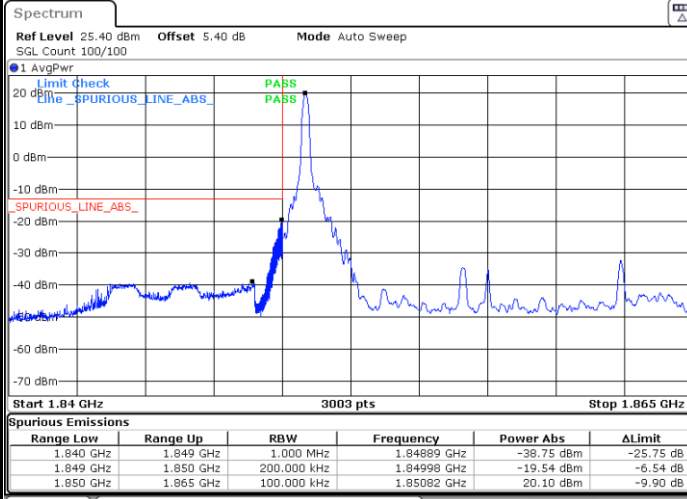


Date: 17.APR.2025 09:49:01



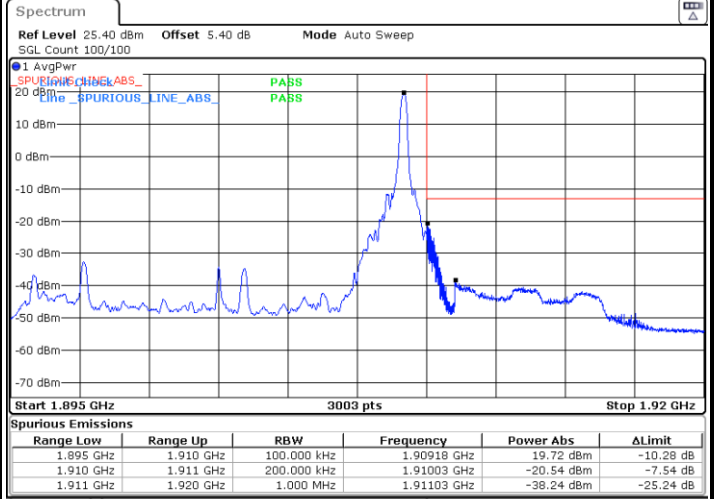
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



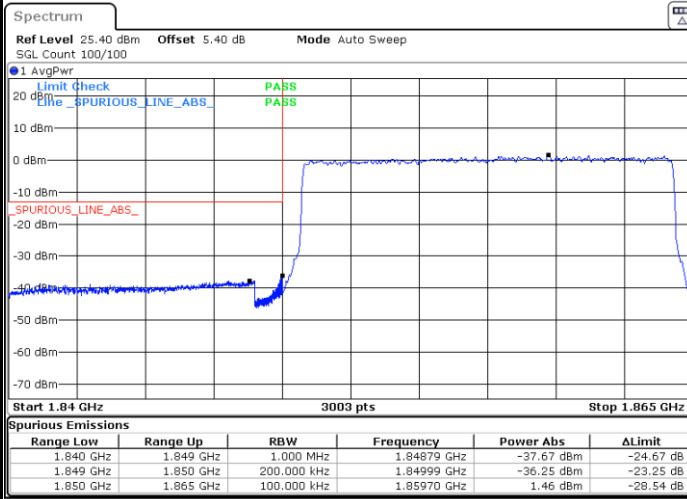
Date: 17.APR.2025 09:56:52

Highest Band Edge / 1 RB



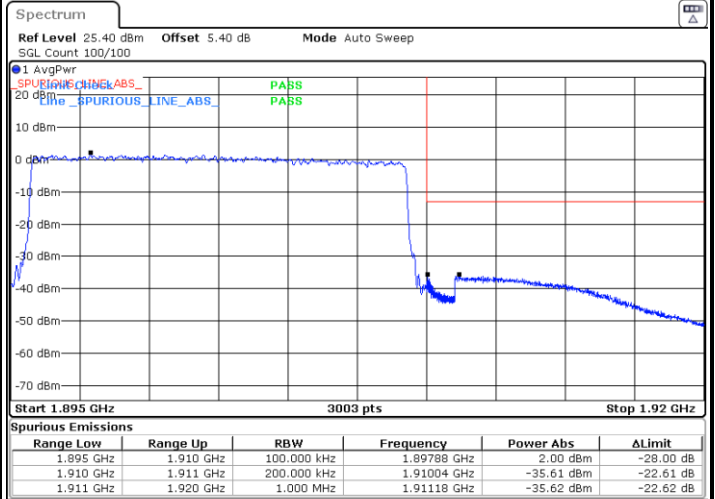
Date: 17.APR.2025 10:08:32

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:03:21

Highest Band Edge / Full RB

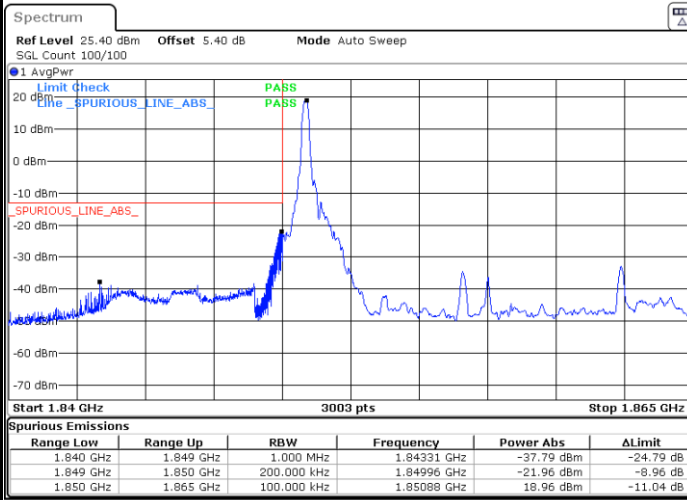


Date: 17.APR.2025 10:15:04



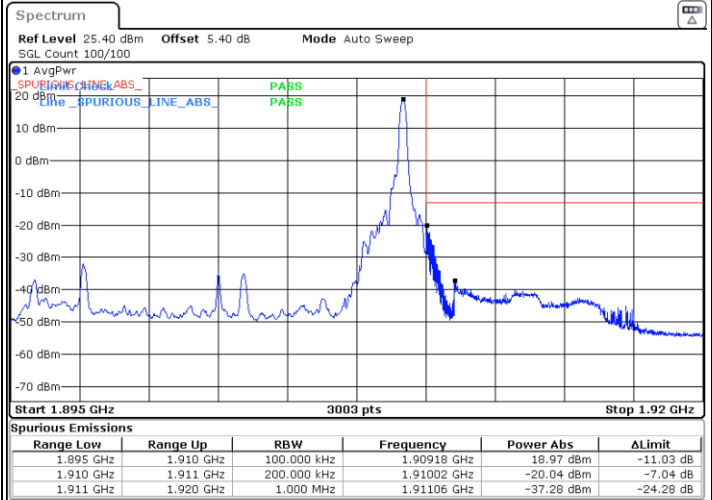
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



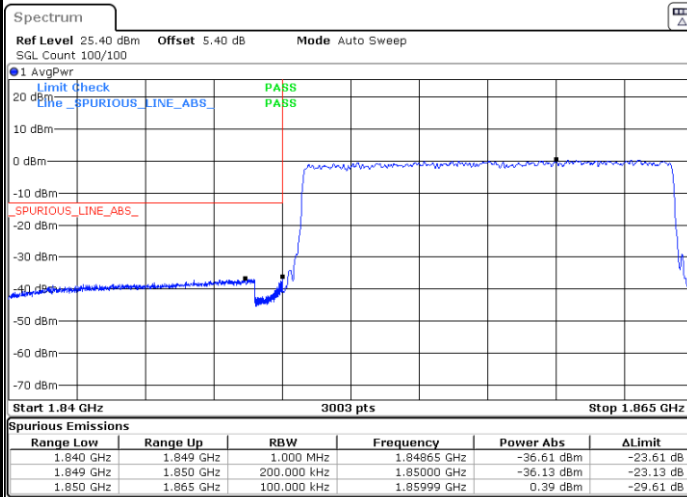
Date: 17.APR.2025 09:57:50

Highest Band Edge / 1 RB



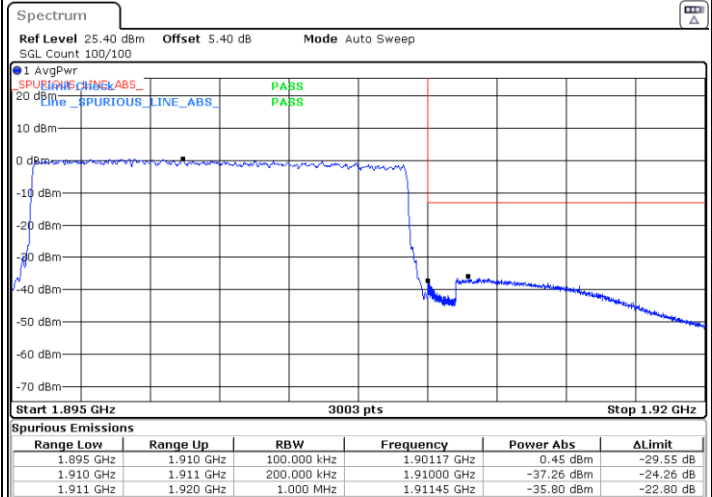
Date: 17.APR.2025 10:09:30

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:02:26

Highest Band Edge / Full RB

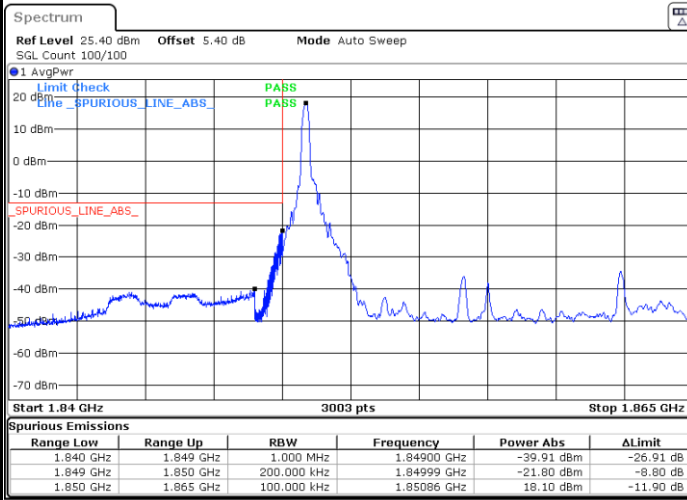


Date: 17.APR.2025 10:14:09



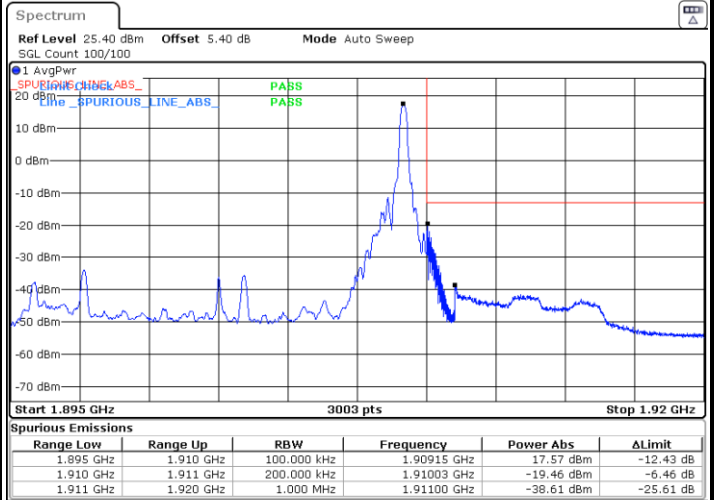
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



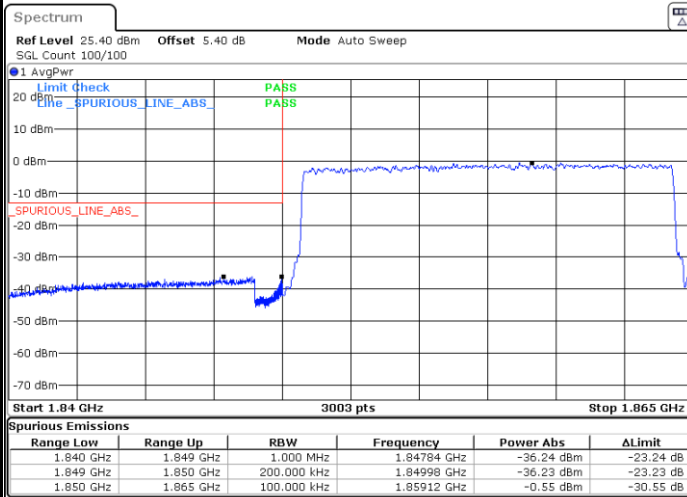
Date: 17.APR.2025 09:58:45

Highest Band Edge / 1 RB



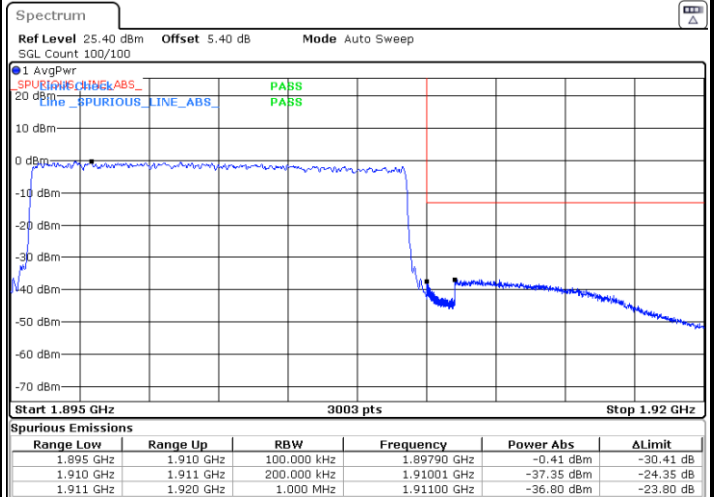
Date: 17.APR.2025 10:10:25

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:01:30

Highest Band Edge / Full RB

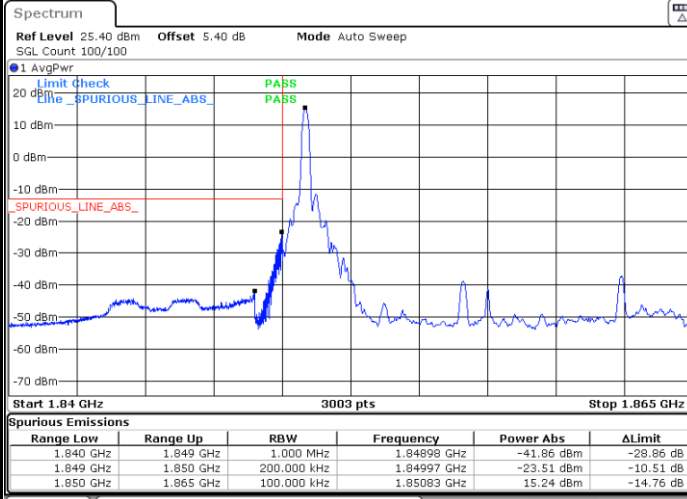


Date: 17.APR.2025 10:13:14



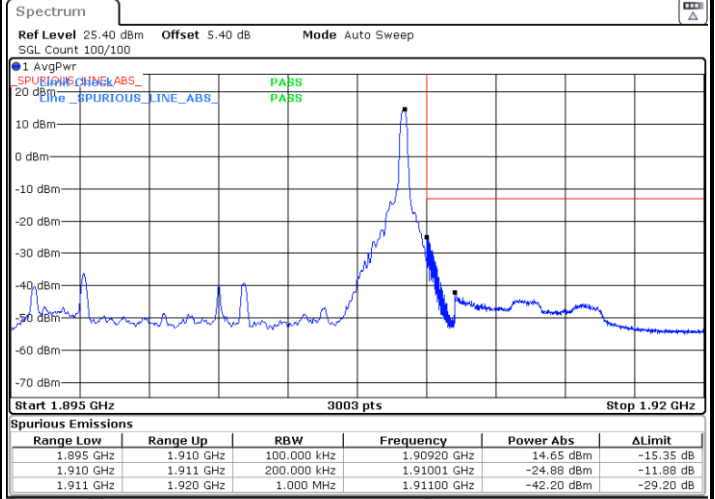
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



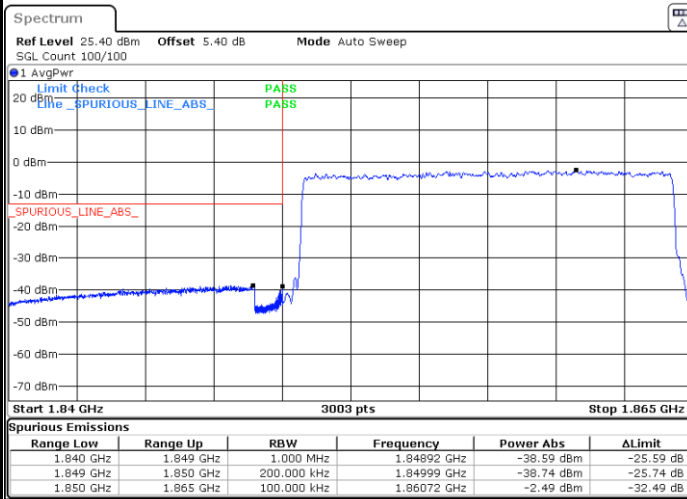
Date: 17.APR.2025 09:59:40

Highest Band Edge / 1 RB



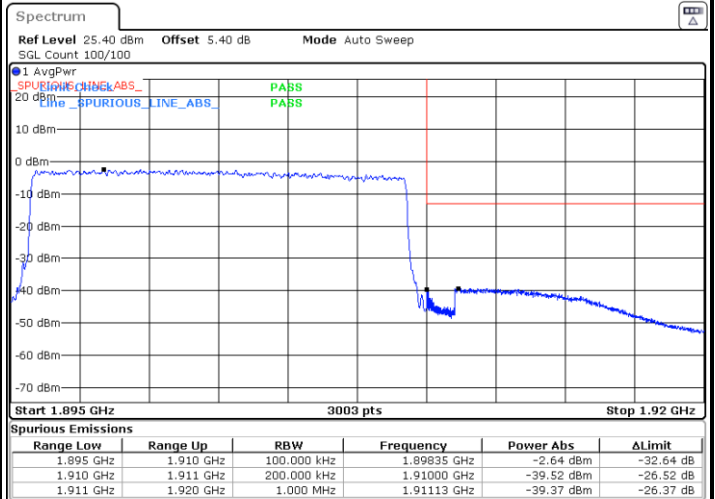
Date: 17.APR.2025 10:11:20

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:00:35

Highest Band Edge / Full RB

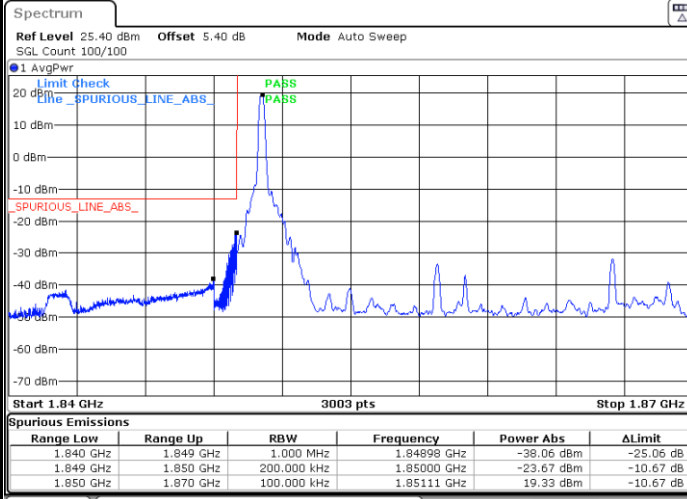


Date: 17.APR.2025 10:12:18



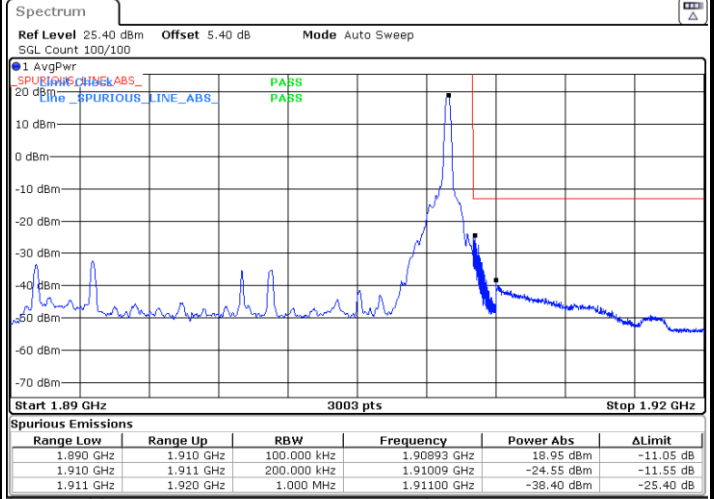
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



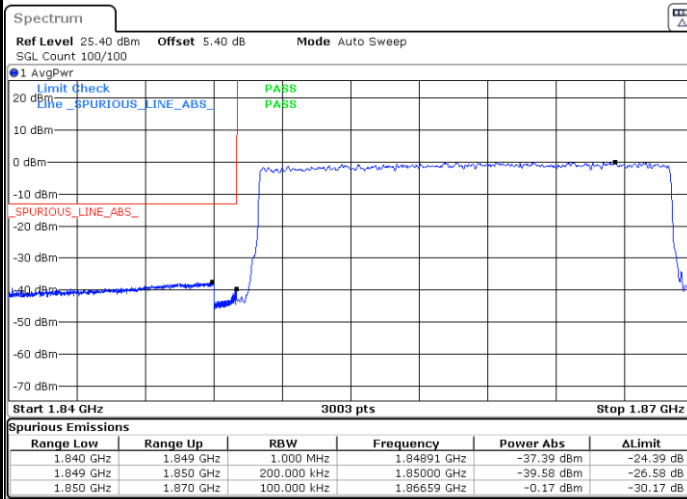
Date: 17.APR.2025 10:22:14

Highest Band Edge / 1 RB



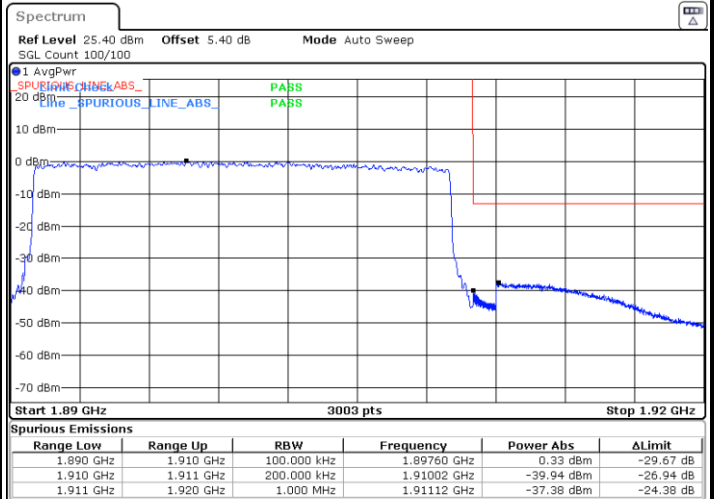
Date: 17.APR.2025 10:34:56

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:28:44

Highest Band Edge / Full RB

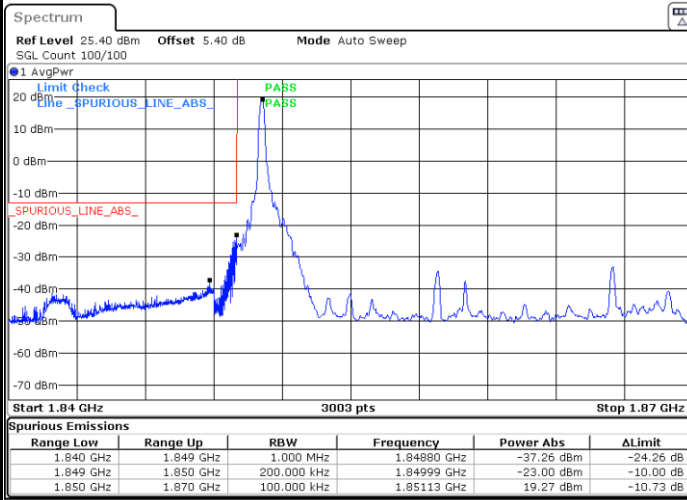


Date: 17.APR.2025 10:41:25



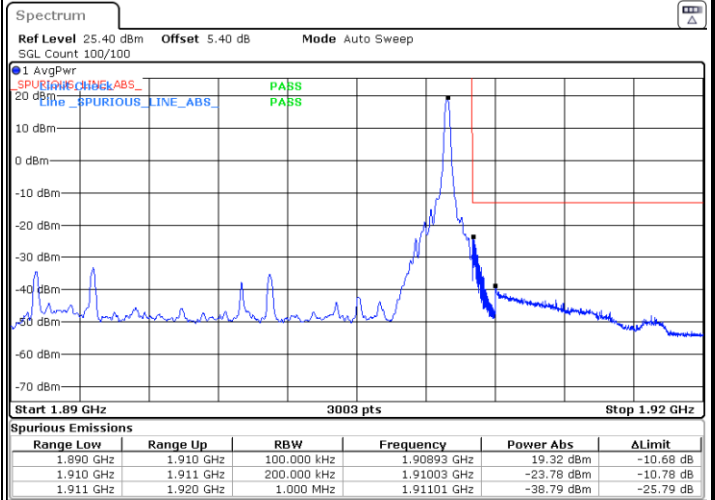
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



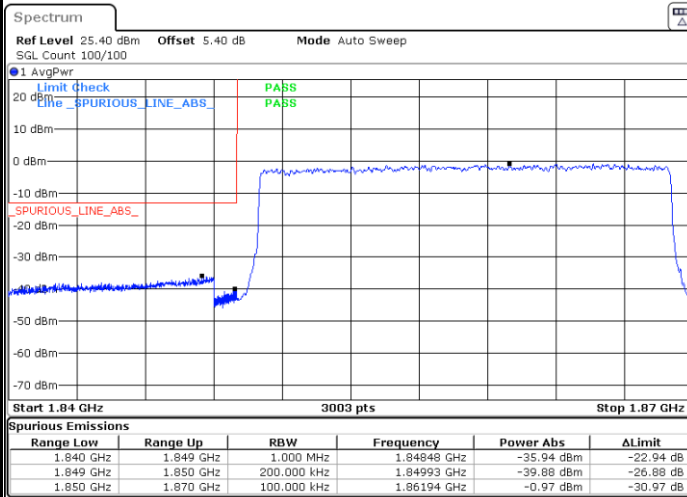
Date: 17.APR.2025 10:23:12

Highest Band Edge / 1 RB



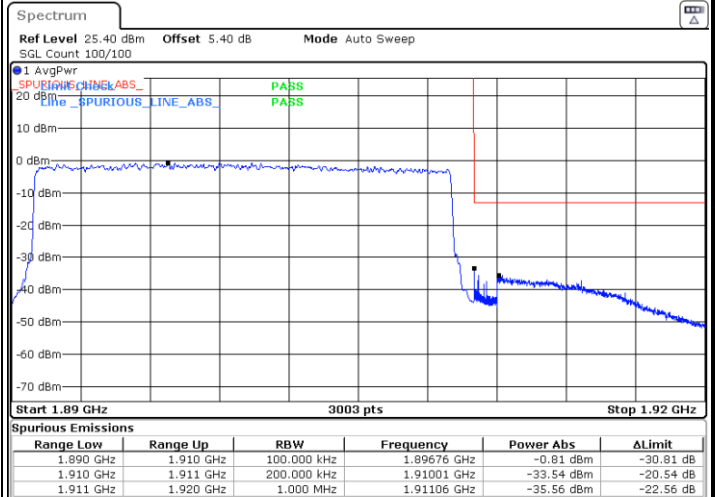
Date: 17.APR.2025 10:35:54

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:27:48

Highest Band Edge / Full RB

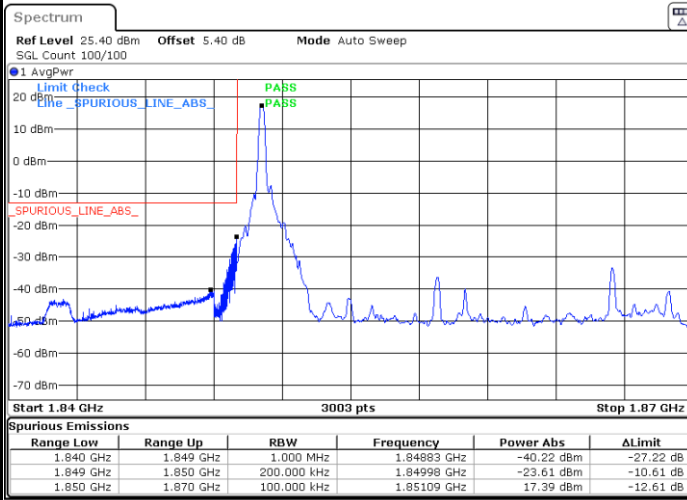


Date: 17.APR.2025 10:40:30



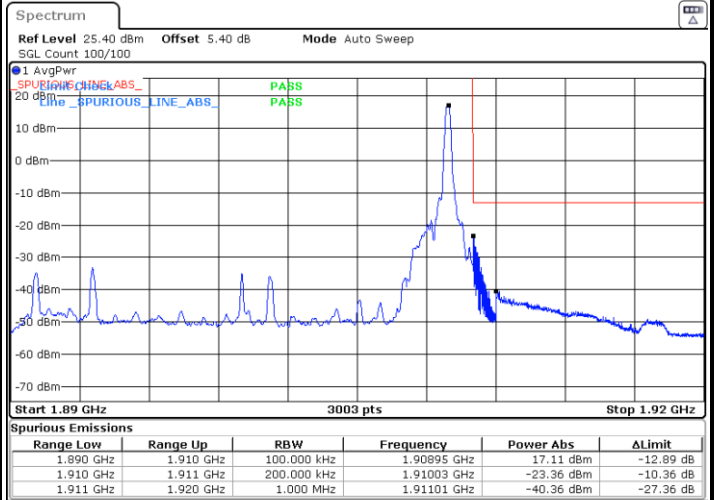
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



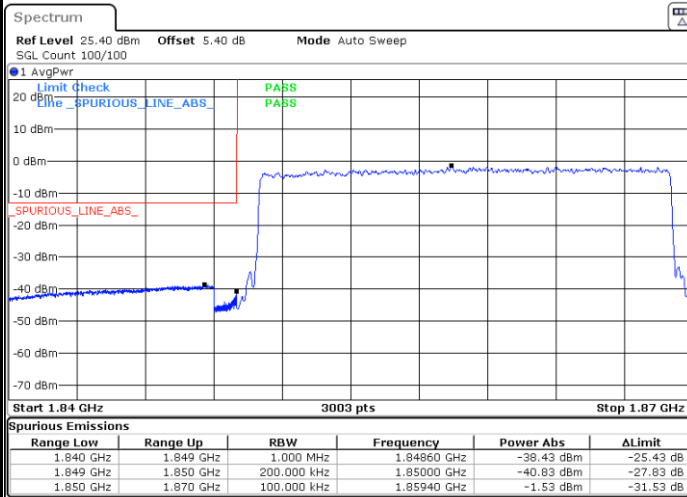
Date: 17.APR.2025 10:24:07

Highest Band Edge / 1 RB



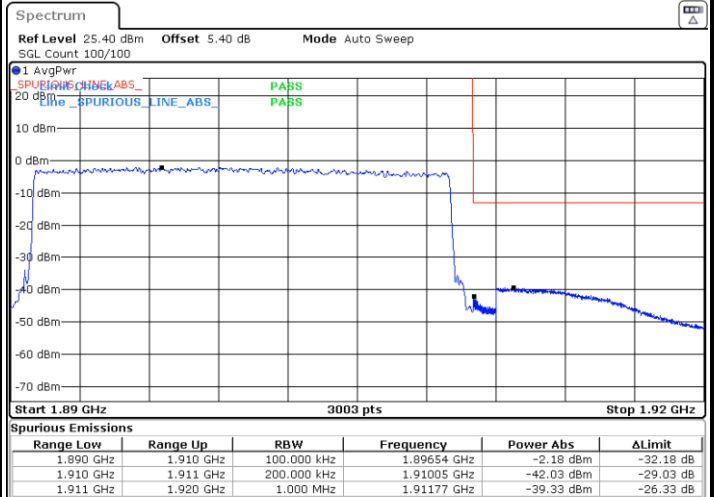
Date: 17.APR.2025 10:36:49

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:26:53

Highest Band Edge / Full RB

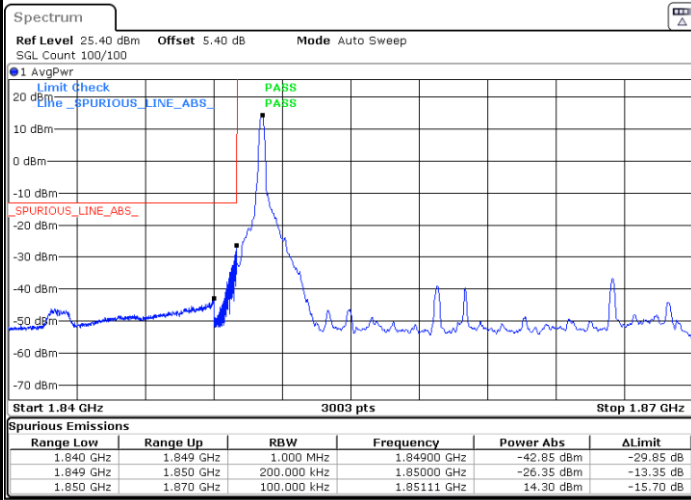


Date: 17.APR.2025 10:39:35



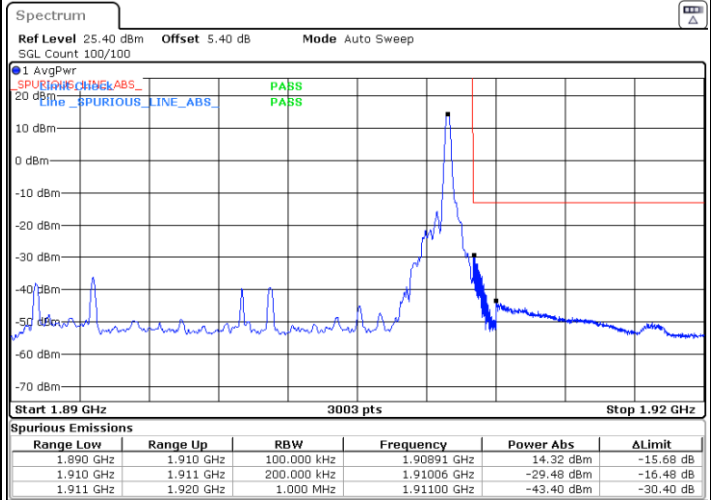
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



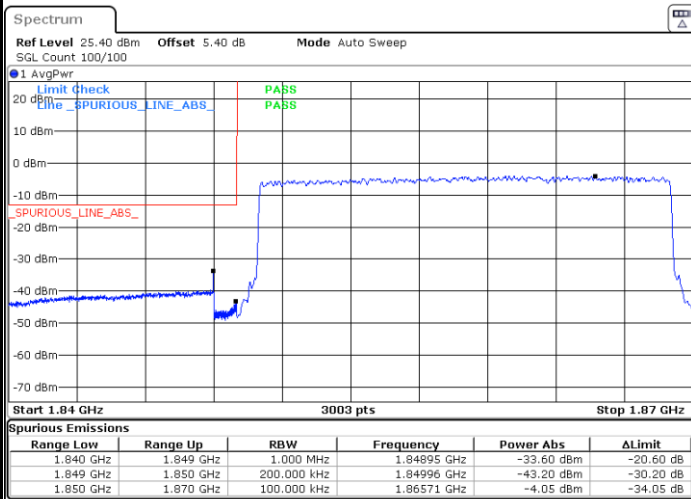
Date: 17.APR.2025 10:25:02

Highest Band Edge / 1 RB



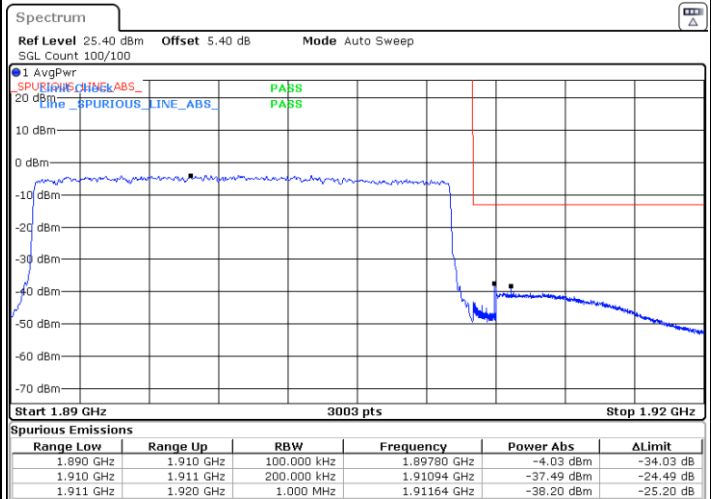
Date: 17.APR.2025 10:37:44

Lowest Band Edge / Full RB



Date: 17.APR.2025 10:25:58

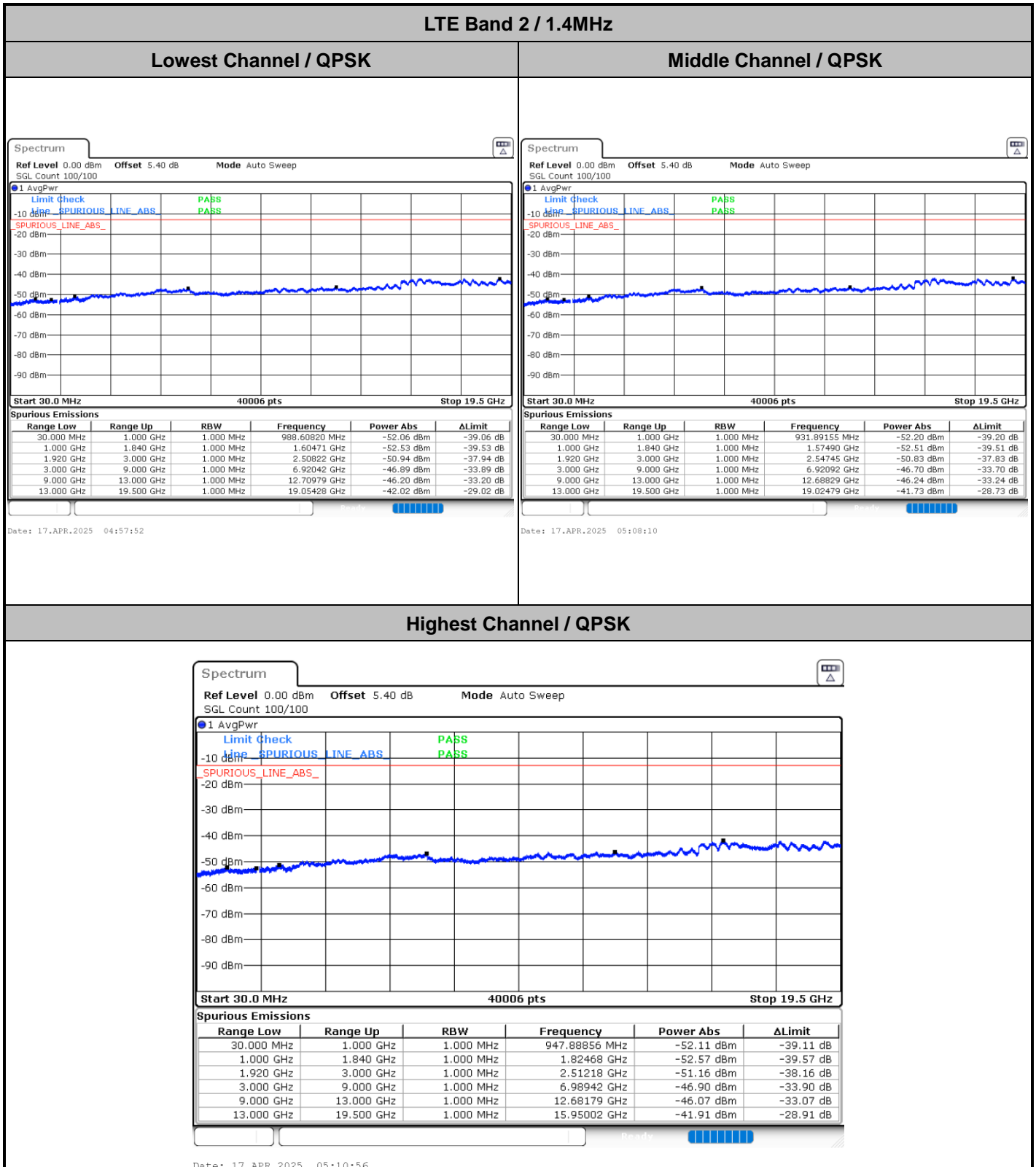
Highest Band Edge / Full RB



Date: 17.APR.2025 10:38:39



# Conducted Spurious Emission

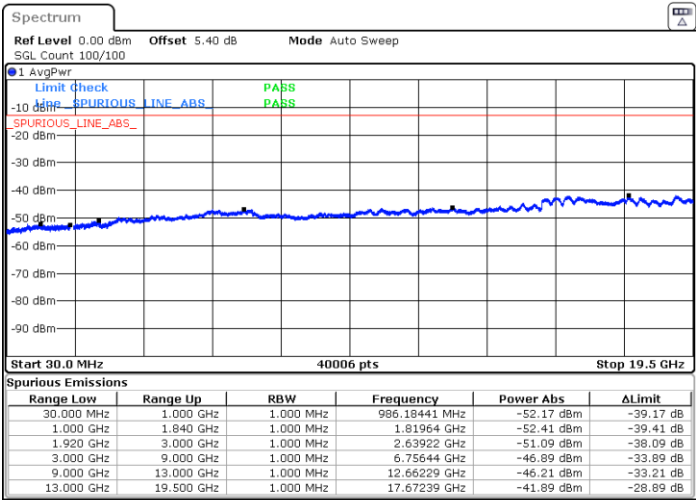




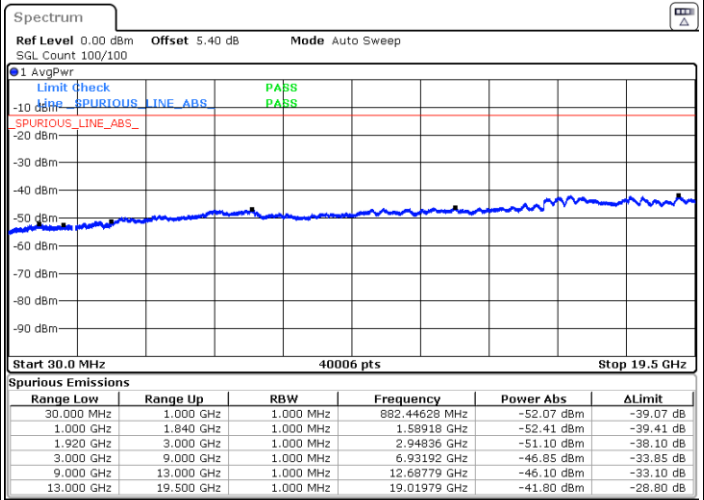
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

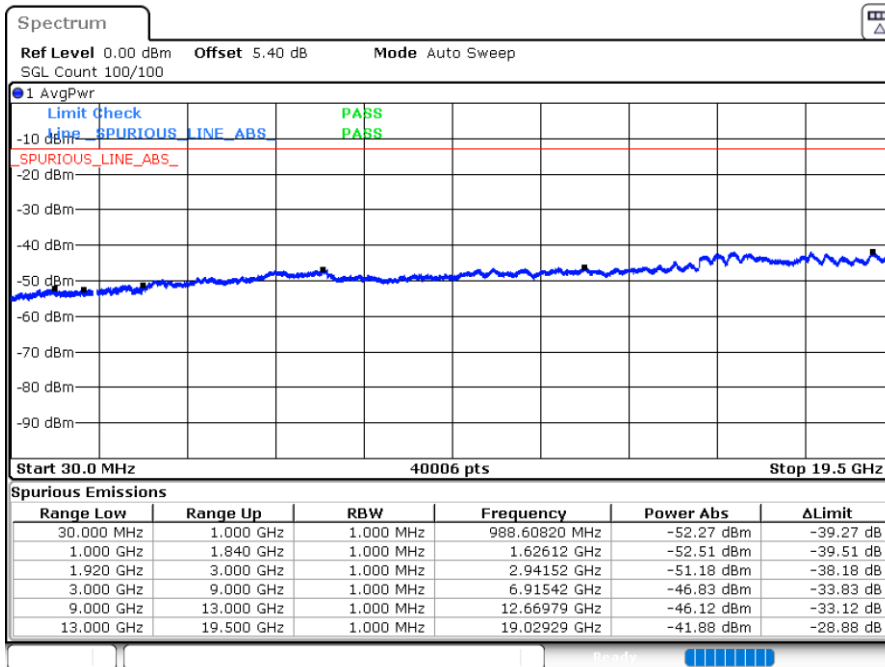


Date: 17.APR.2025 05:41:11



Date: 17.APR.2025 05:51:32

Highest Channel / QPSK



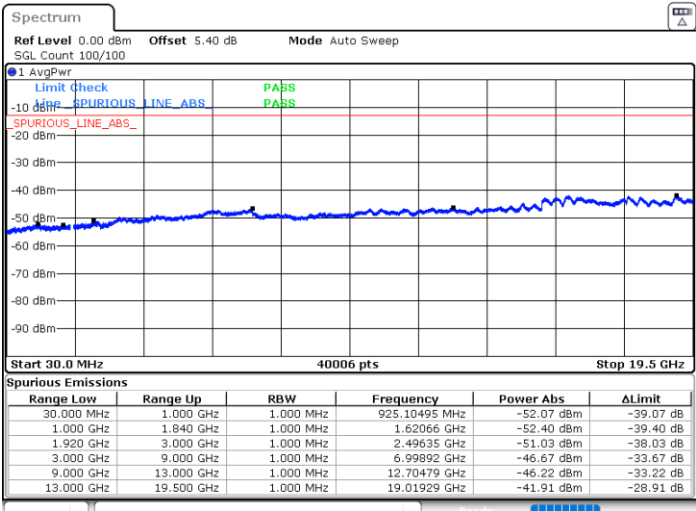
Date: 17.APR.2025 05:54:18



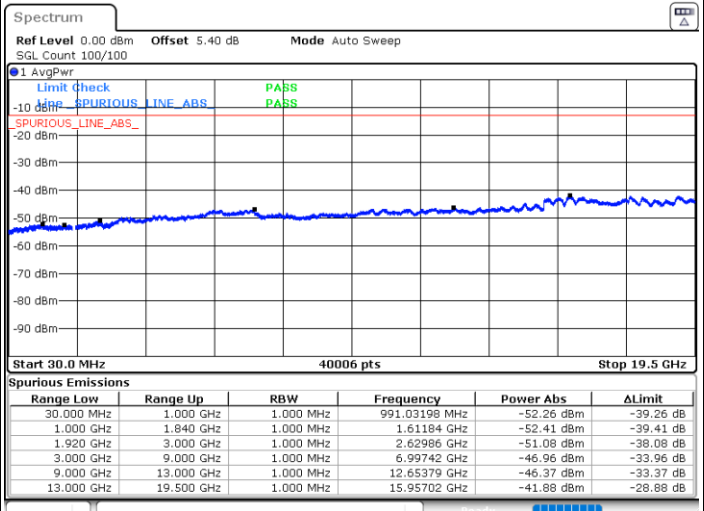
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

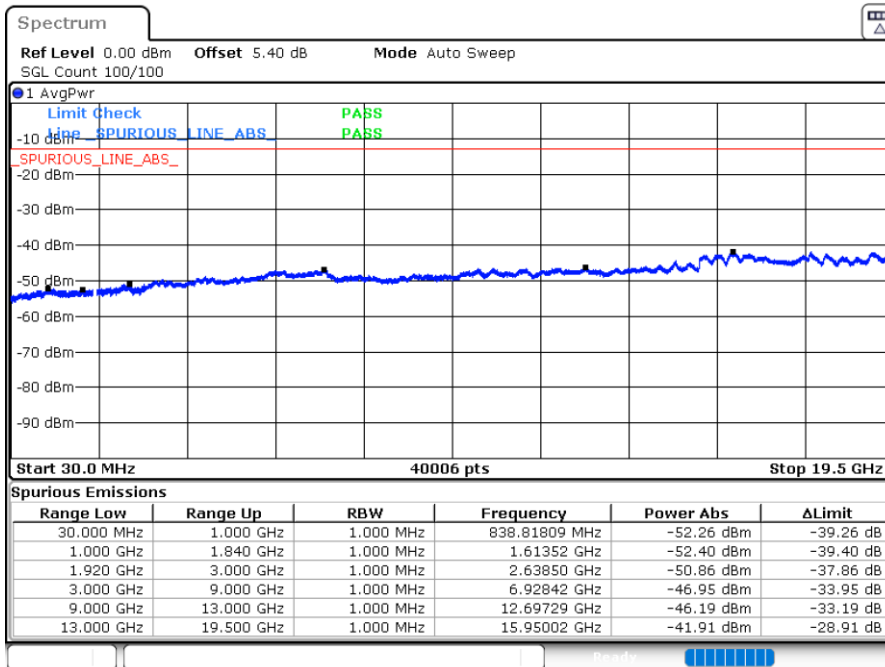


Date: 17.APR.2025 09:06:37



Date: 17.APR.2025 09:16:59

Highest Channel / QPSK



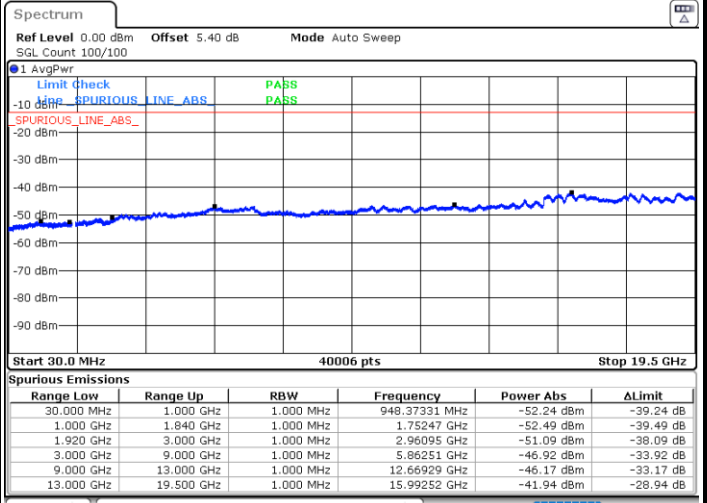
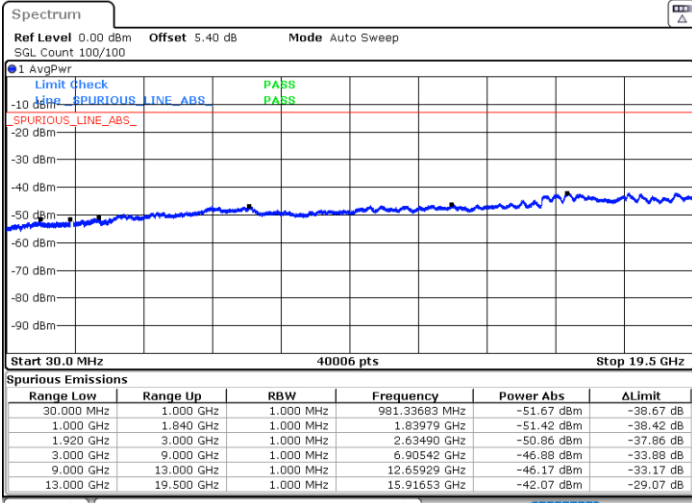
Date: 17.APR.2025 09:19:46



LTE Band 2 / 10MHz

Lowest Channel / QPSK

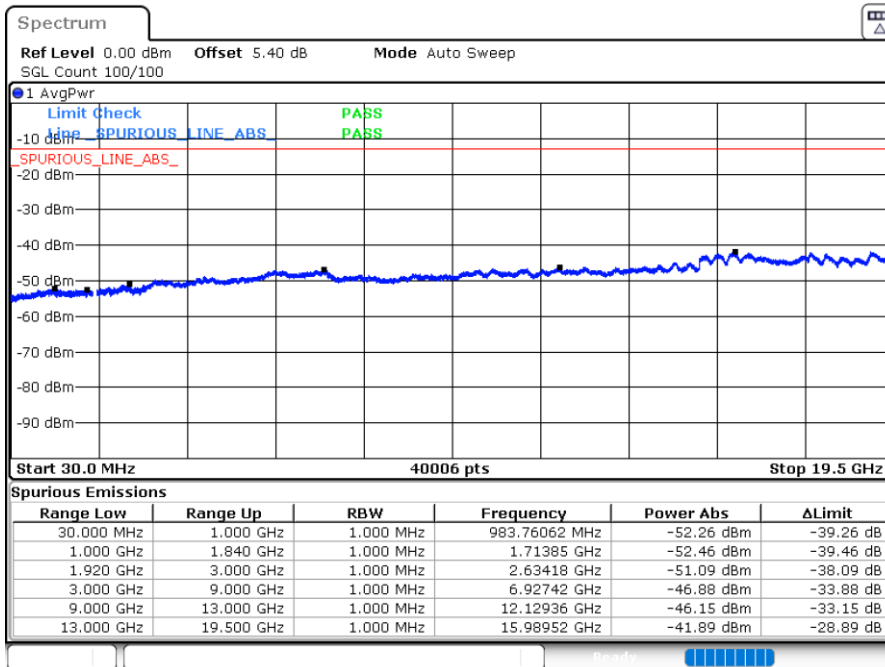
Middle Channel / QPSK



Date: 17.APR.2025 09:31:59

Date: 17.APR.2025 09:41:33

Highest Channel / QPSK



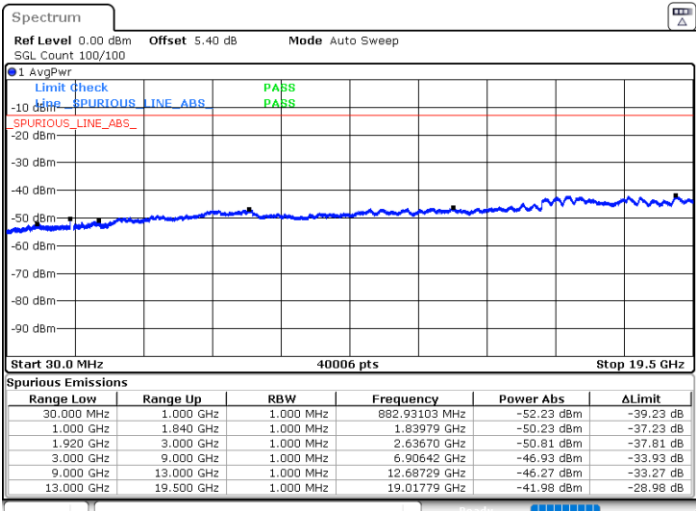
Date: 17.APR.2025 09:44:20



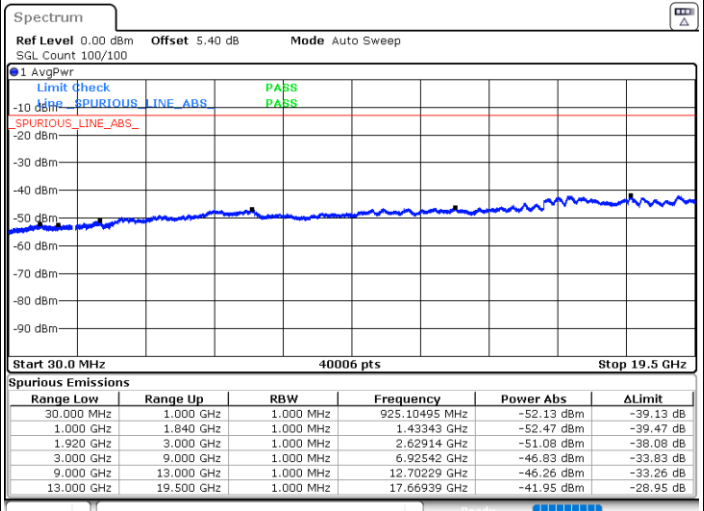
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

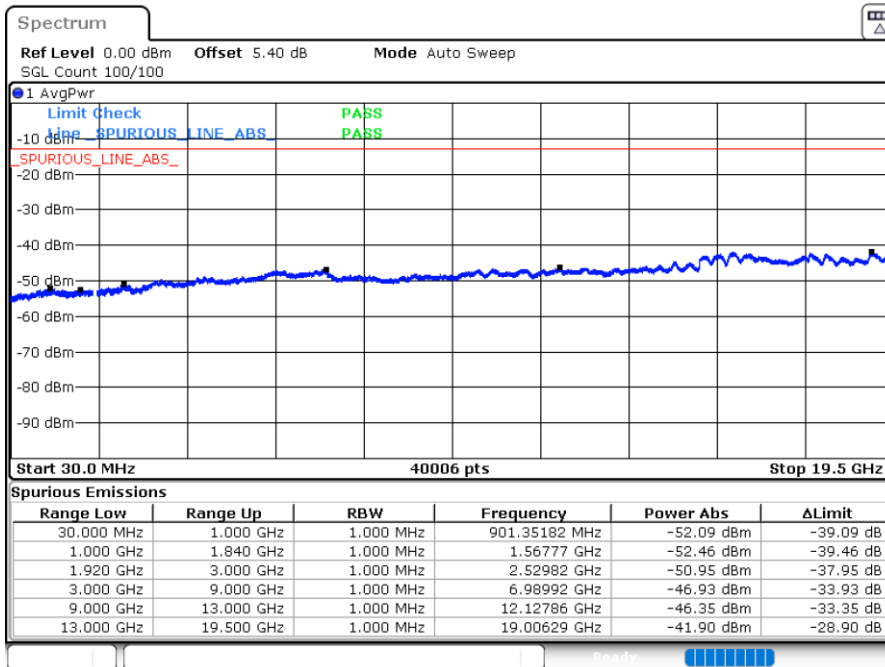


Date: 17.APR.2025 09:56:09



Date: 17.APR.2025 10:04:47

Highest Channel / QPSK



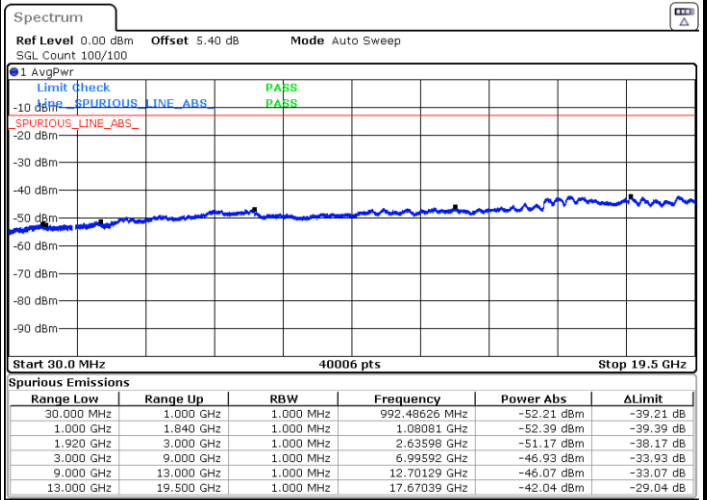
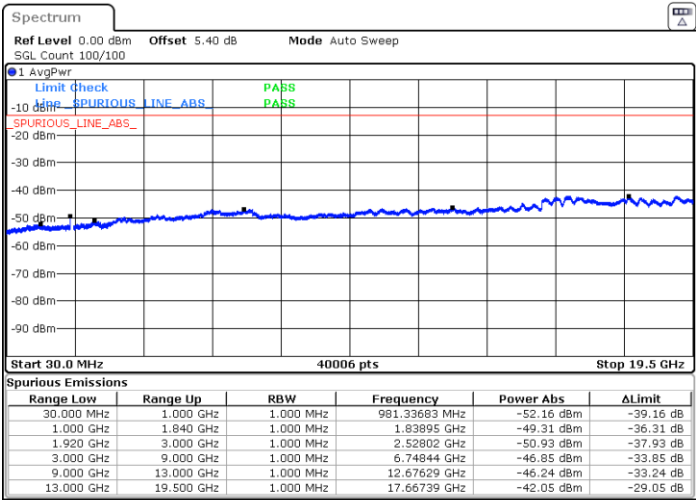
Date: 17.APR.2025 10:07:34



LTE Band 2 / 20MHz

Lowest Channel / QPSK

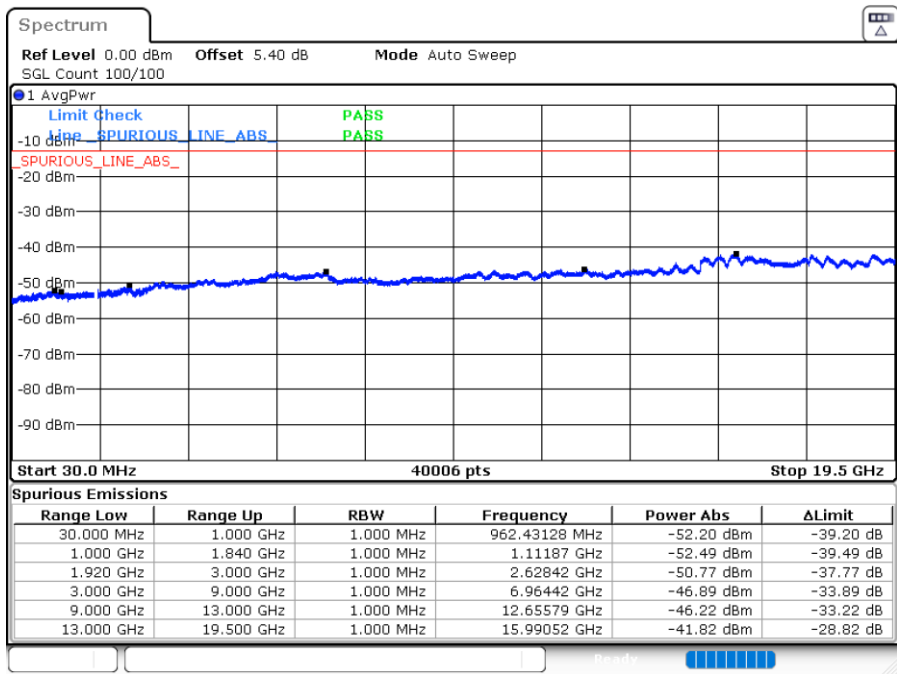
Middle Channel / QPSK



Date: 17.APR.2025 10:18:36

Date: 17.APR.2025 10:30:10

Highest Channel / QPSK



Date: 17.APR.2025 10:33:57



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	0.0018	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0021	

Note:

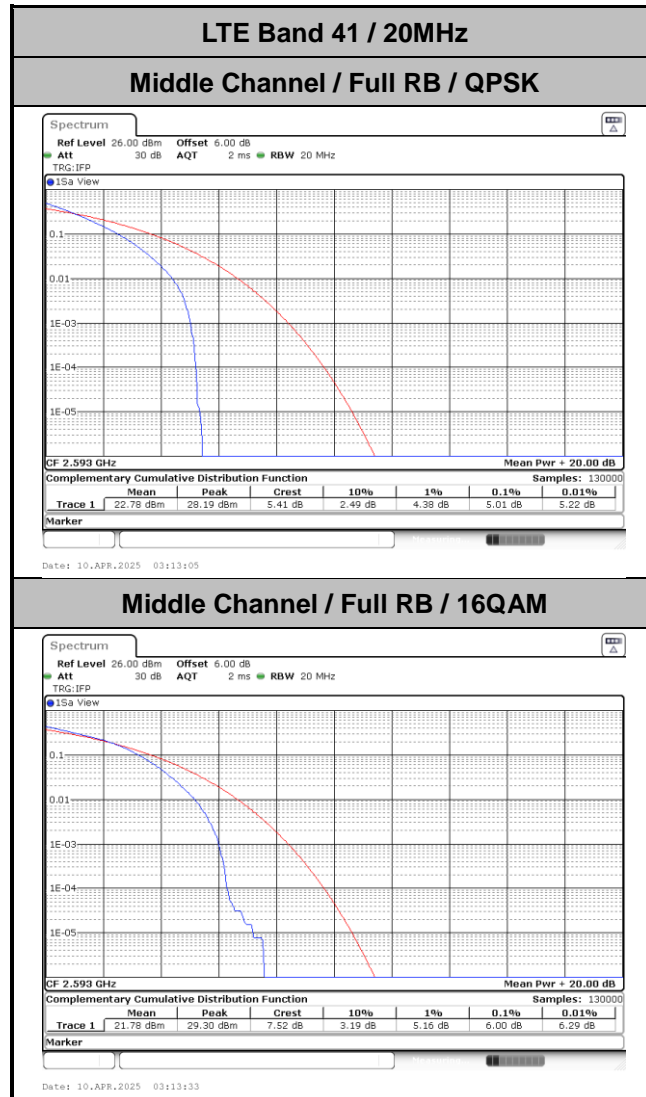
1. Normal Voltage = 3.81 V.; Battery End Point (BEP) =3.4 V.; Maximum Voltage = 4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

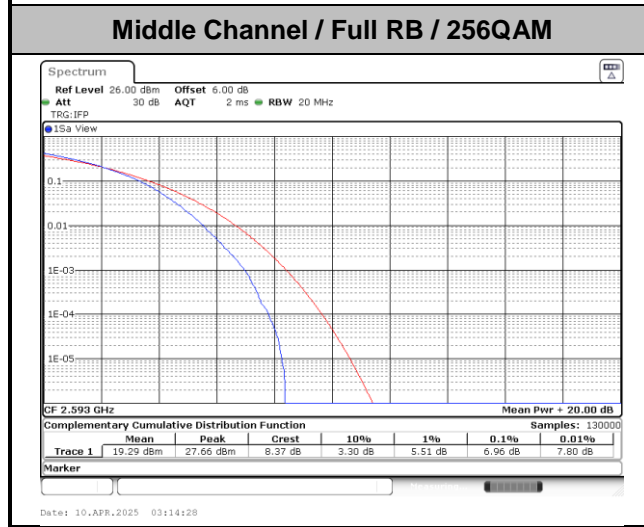
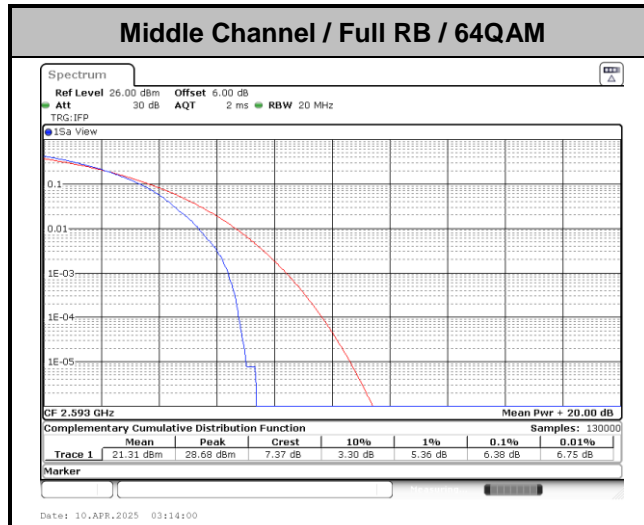


# LTE Band 41 (Main PA)

## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.01	6	6.38	6.96	PASS

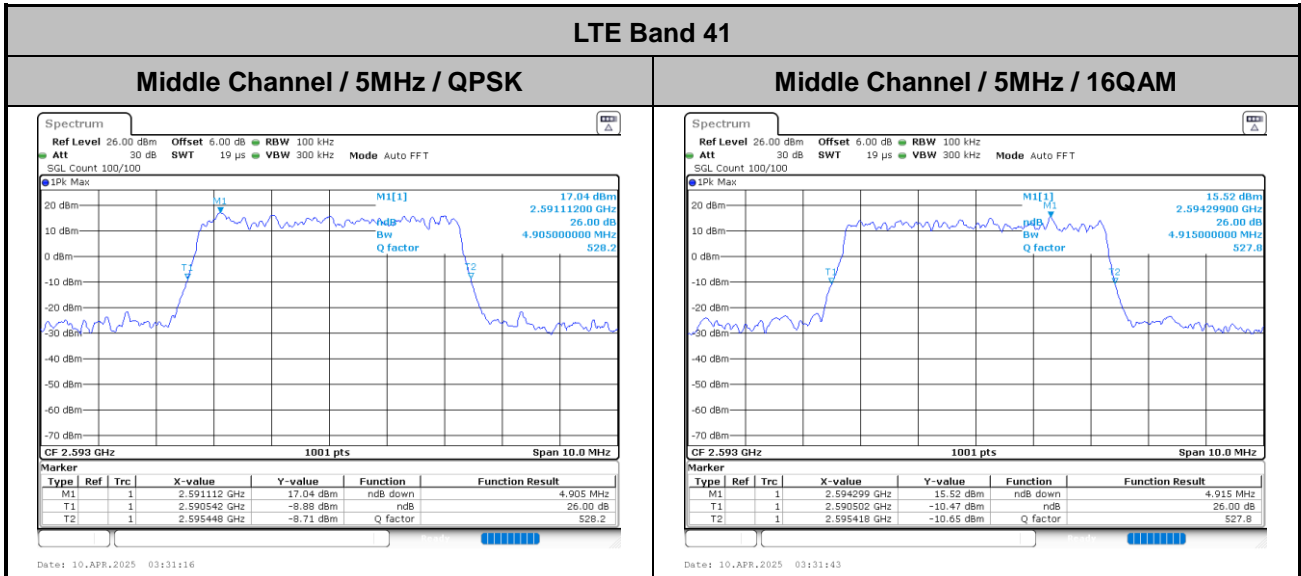






## 26dB Bandwidth

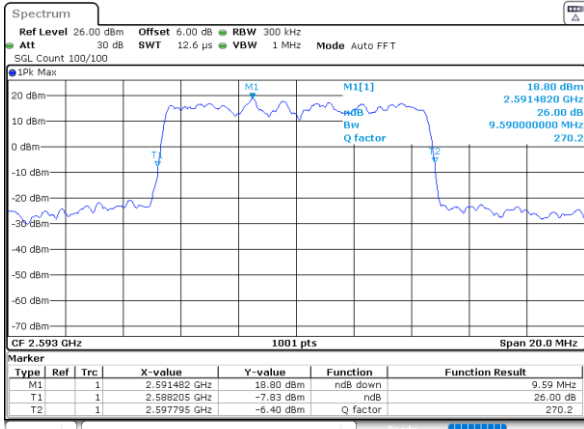
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.91	4.92
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.59	9.69
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.39	14.39
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.62	18.66





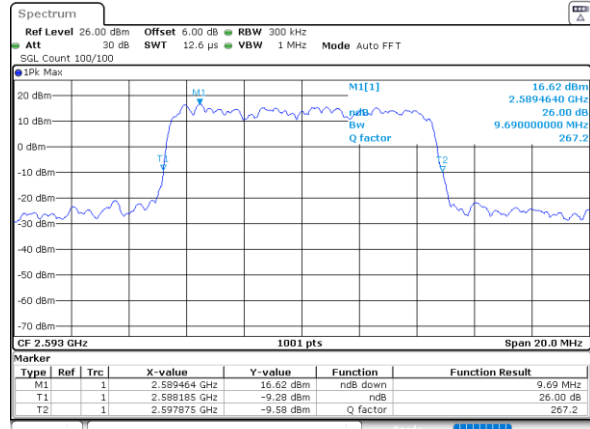
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10\_APR\_2025 03:33:54

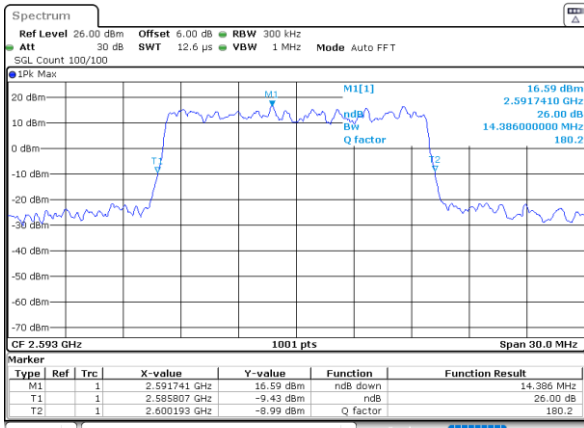
Middle Channel / 10MHz / 16QAM



Date: 10\_APR\_2025 03:53:35

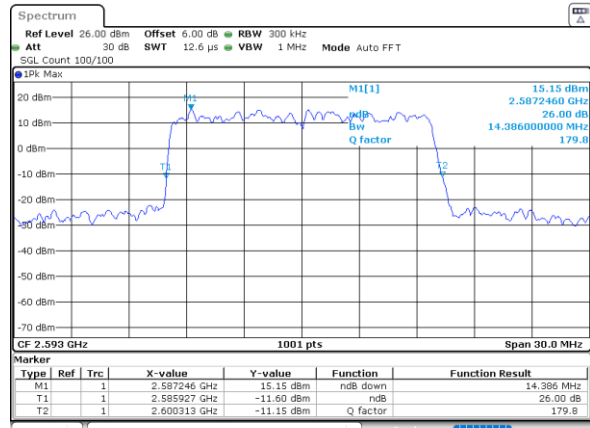
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10\_APR\_2025 03:36:31

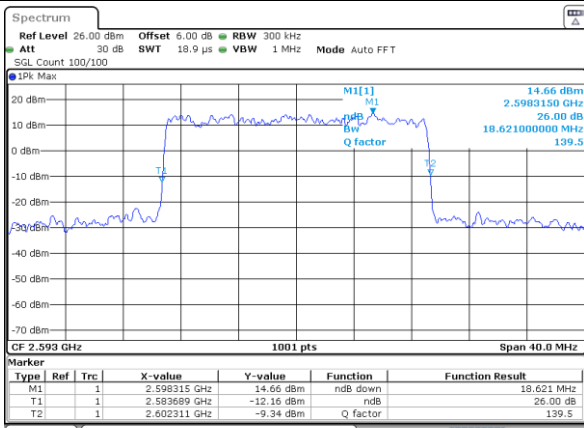
Middle Channel / 15MHz / 16QAM



Date: 10\_APR\_2025 03:36:57

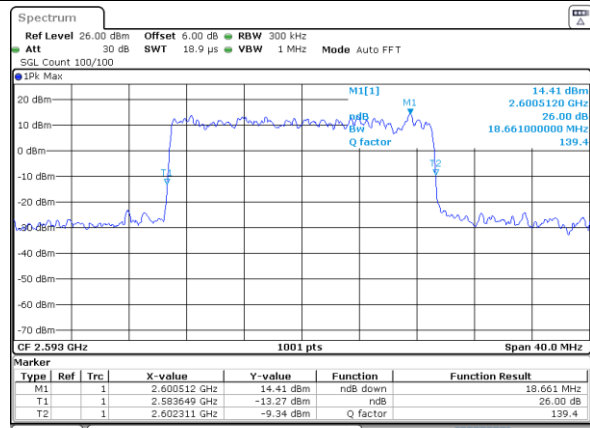
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10\_APR\_2025 03:11:43

Middle Channel / 20MHz / 16QAM

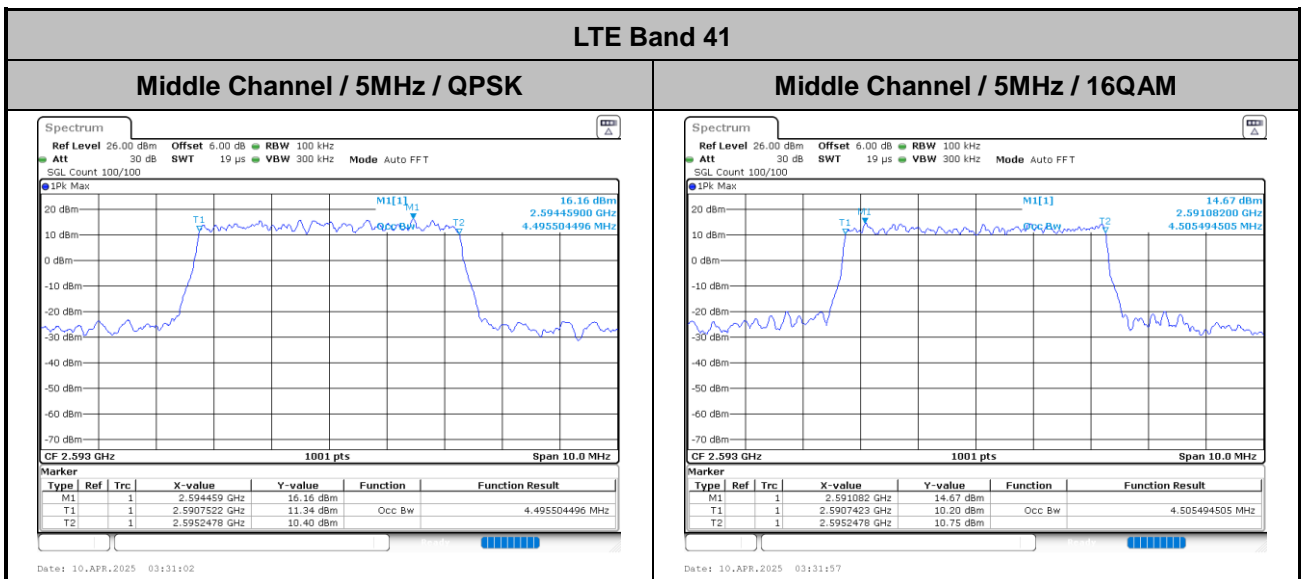


Date: 10\_APR\_2025 03:12:38



# Occupied Bandwidth

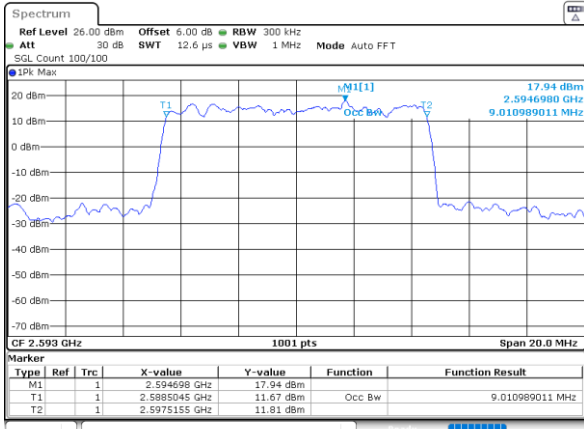
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.50	4.51
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.01	9.03
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.49
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.82	17.90





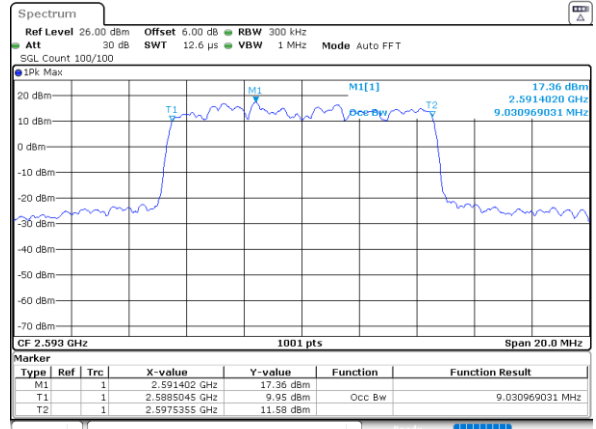
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10.APR.2025 03:33:39

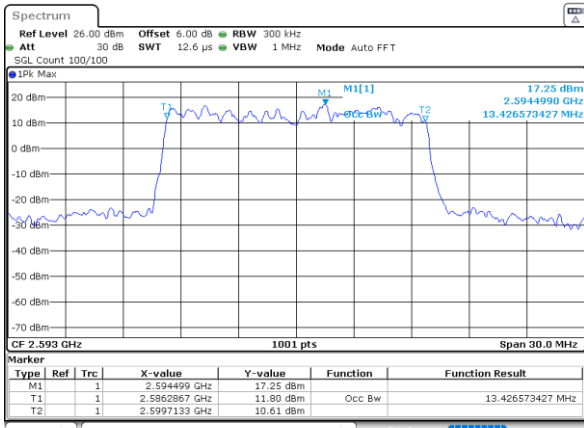
Middle Channel / 10MHz / 16QAM



Date: 10.APR.2025 03:34:34

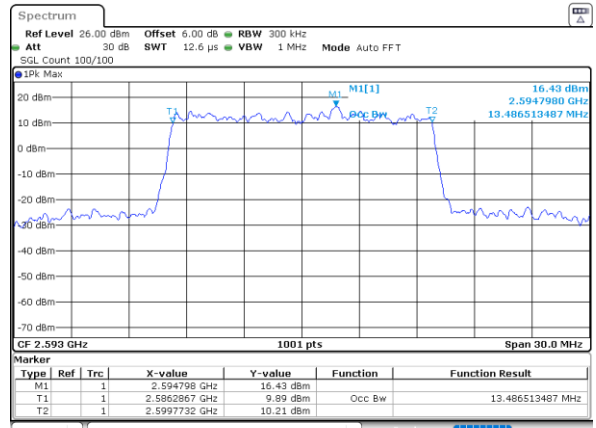
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10.APR.2025 03:36:16

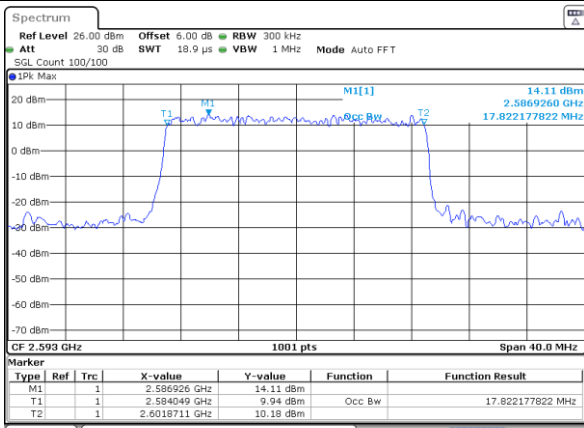
Middle Channel / 15MHz / 16QAM



Date: 10.APR.2025 03:37:11

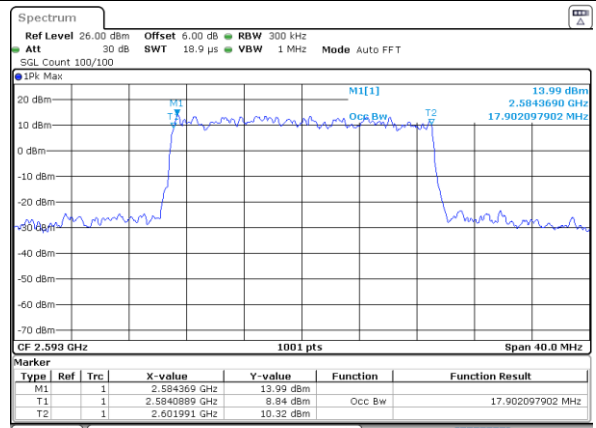
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10.APR.2025 03:11:57

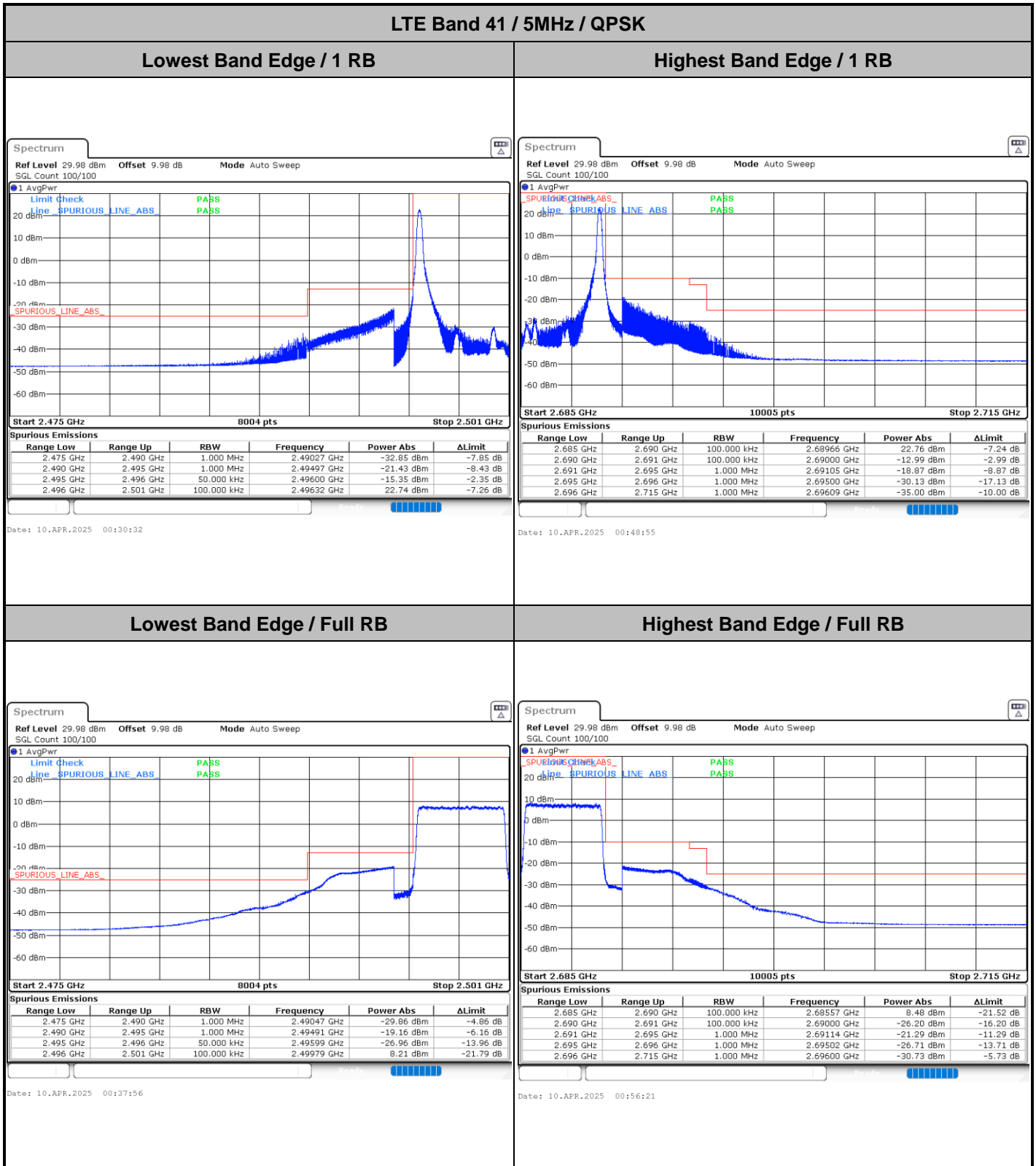
Middle Channel / 20MHz / 16QAM



Date: 10.APR.2025 03:12:24



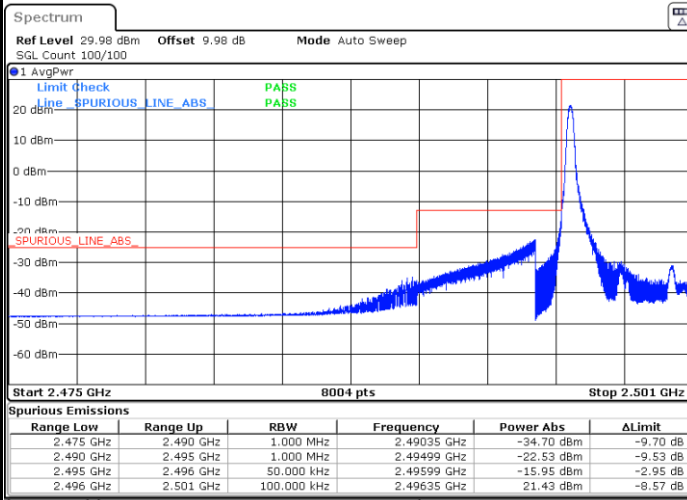
# Conducted Band Edge





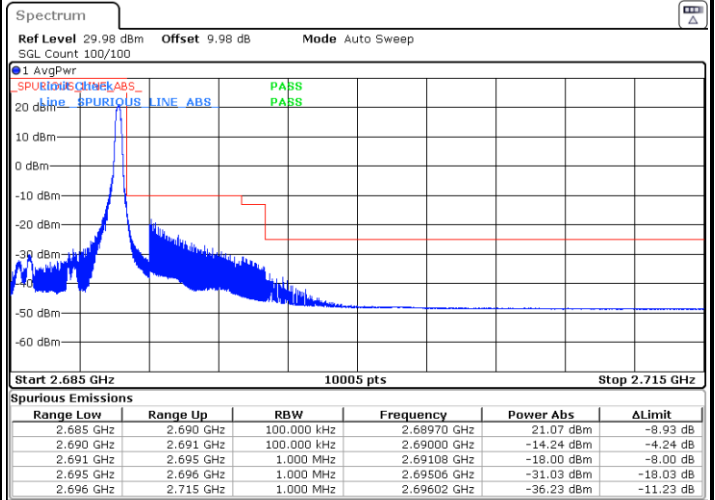
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



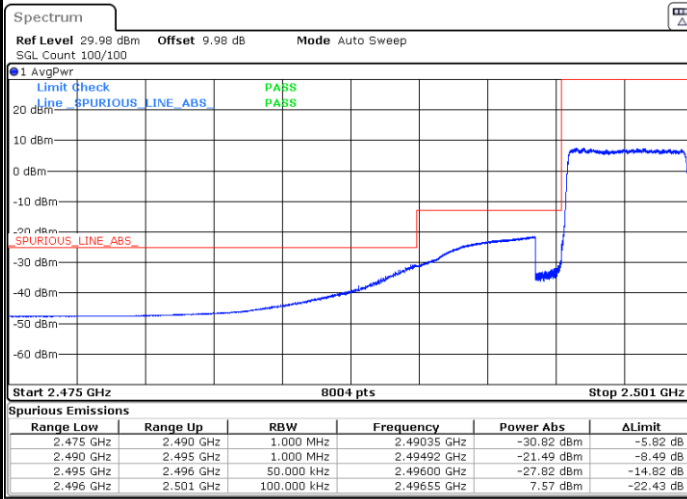
Date: 10.APR.2025 00:32:23

Highest Band Edge / 1 RB



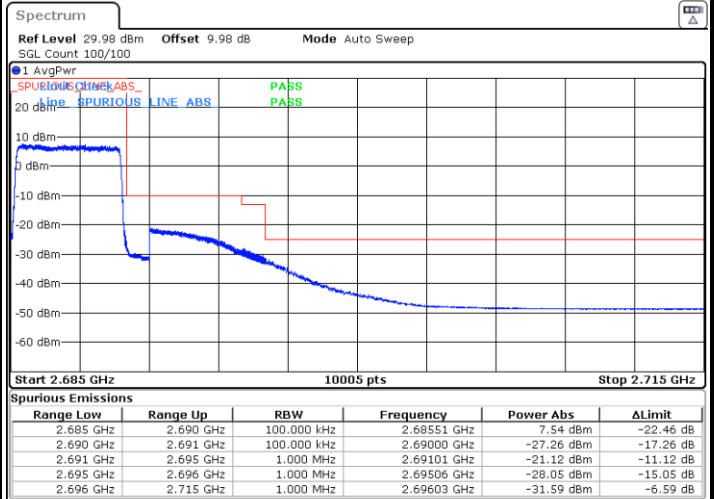
Date: 10.APR.2025 00:50:48

Lowest Band Edge / Full RB



Date: 10.APR.2025 00:39:47

Highest Band Edge / Full RB

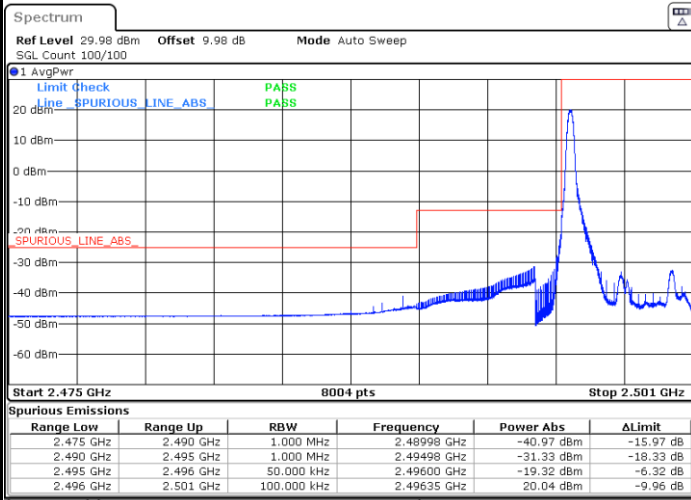


Date: 10.APR.2025 00:58:12



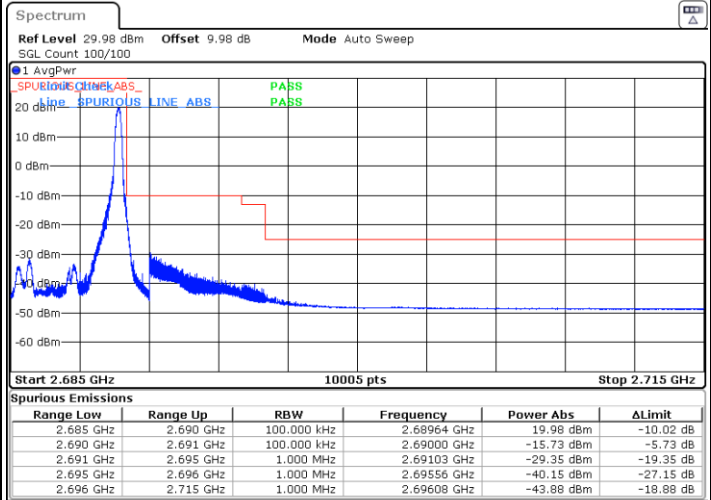
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



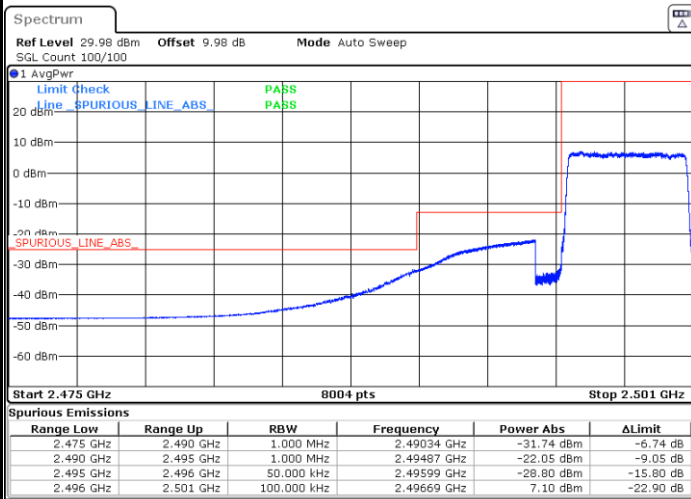
Date: 10.APR.2025 00:34:14

Highest Band Edge / 1 RB



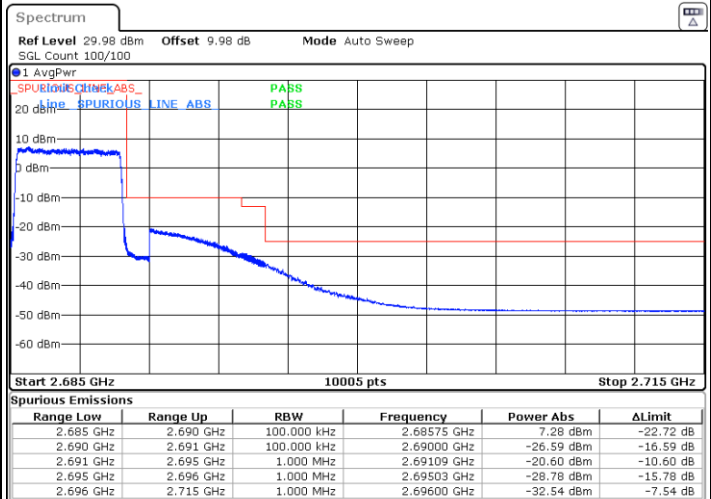
Date: 10.APR.2025 00:52:39

Lowest Band Edge / Full RB



Date: 10.APR.2025 00:41:38

Highest Band Edge / Full RB



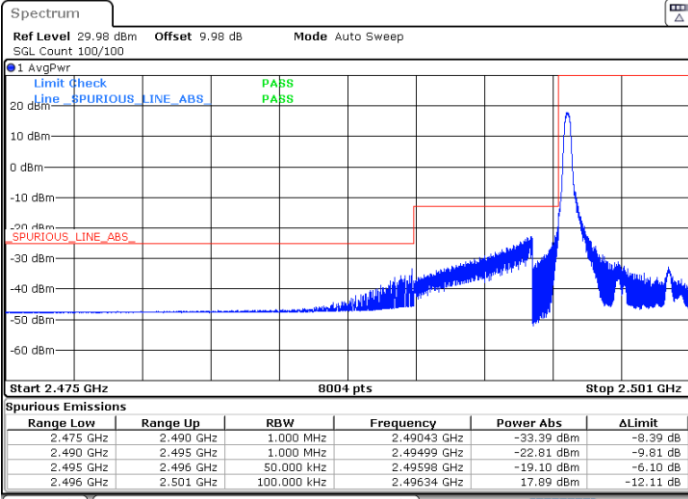
Date: 10.APR.2025 01:00:03



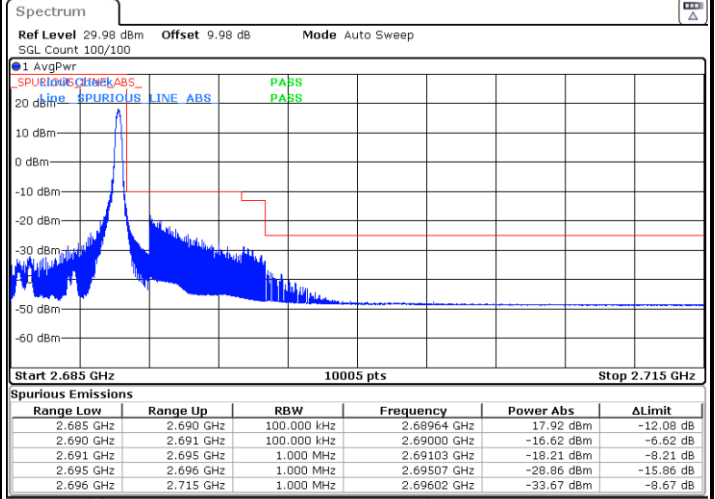
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



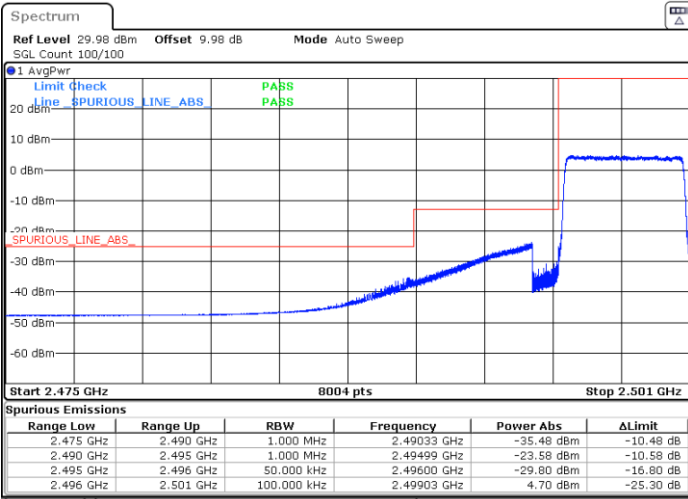
Date: 10.APR.2025 00:36:05



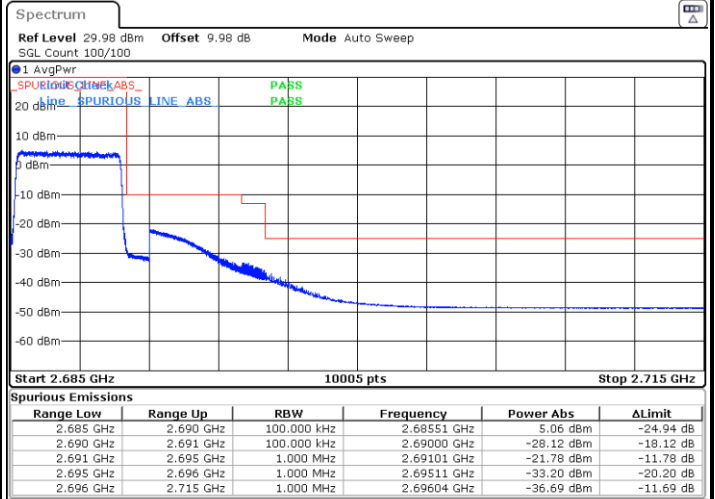
Date: 10.APR.2025 00:54:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.APR.2025 00:43:29

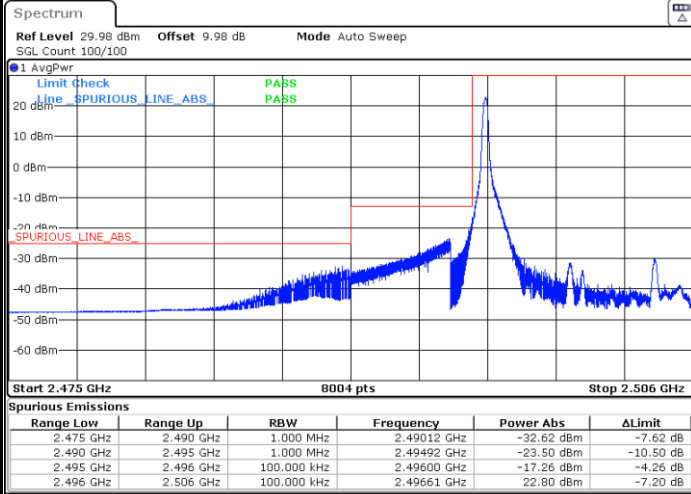


Date: 10.APR.2025 01:01:54



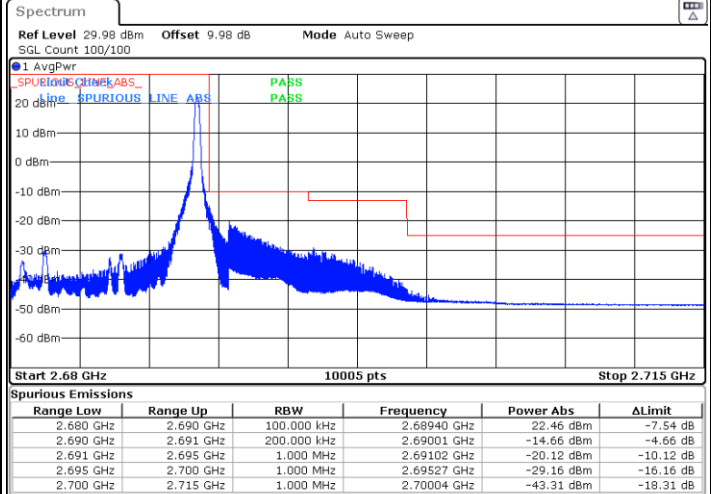
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



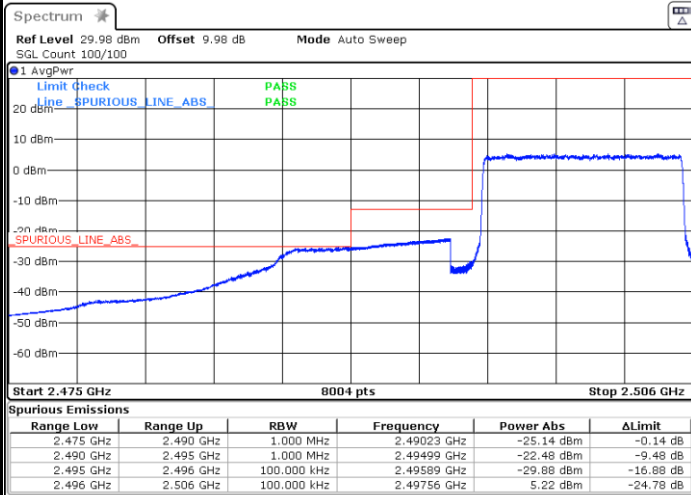
Date: 10.APR.2025 01:32:05

Highest Band Edge / 1 RB



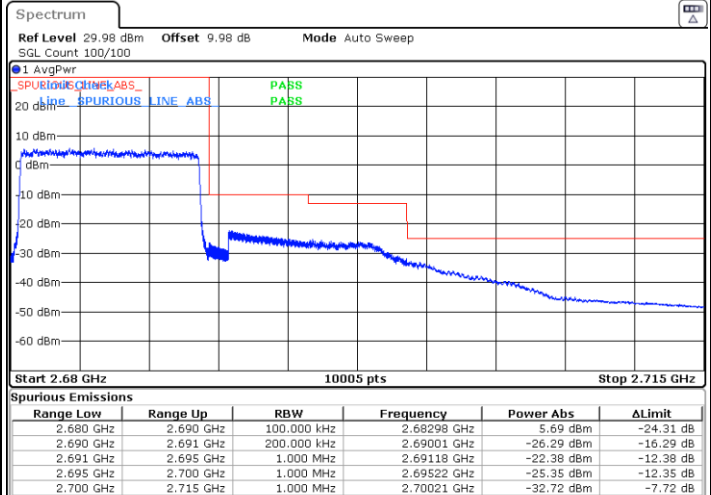
Date: 10.APR.2025 01:50:27

Lowest Band Edge / Full RB

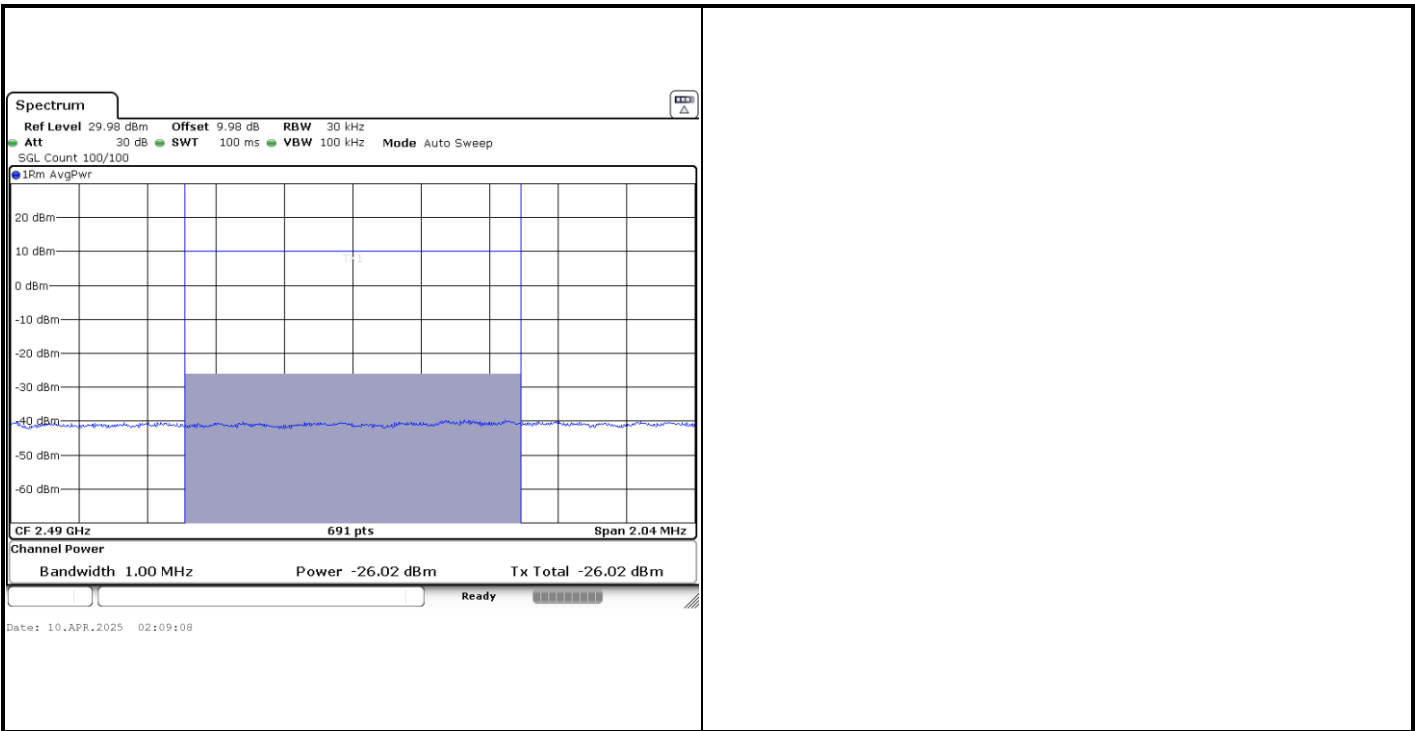


Date: 10.APR.2025 02:07:27

Highest Band Edge / Full RB



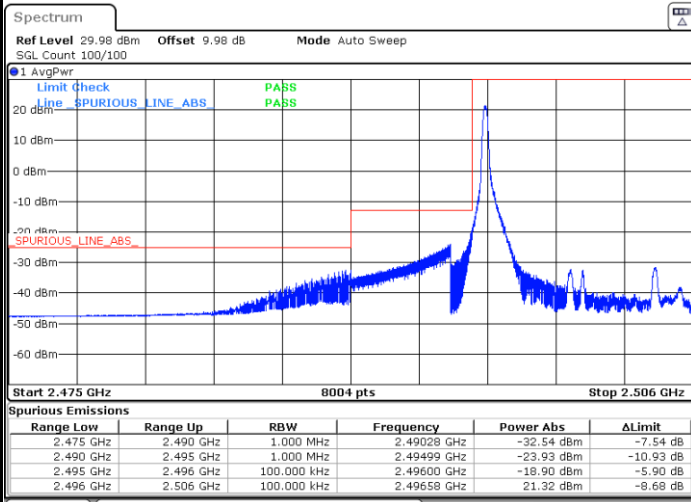
Date: 10.APR.2025 01:57:54





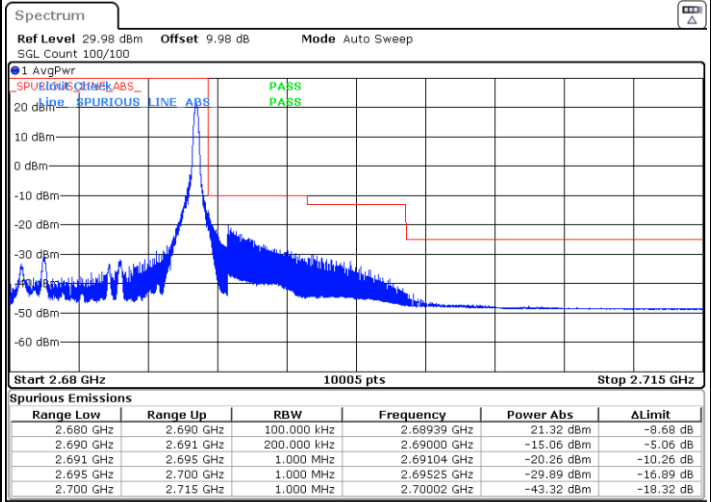
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



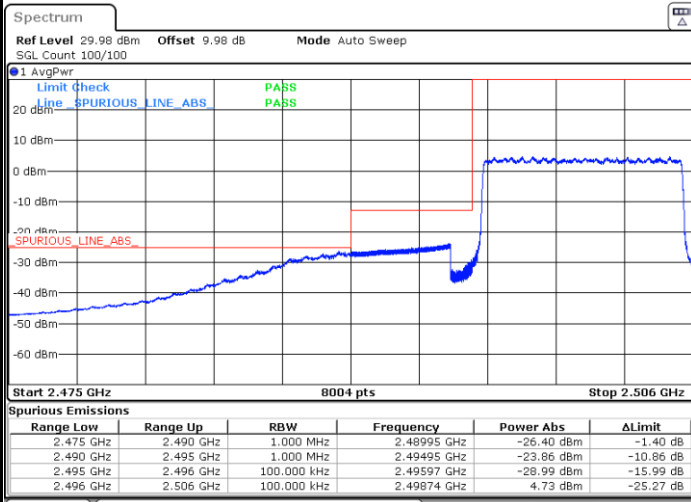
Date: 10.APR.2025 01:33:56

Highest Band Edge / 1 RB



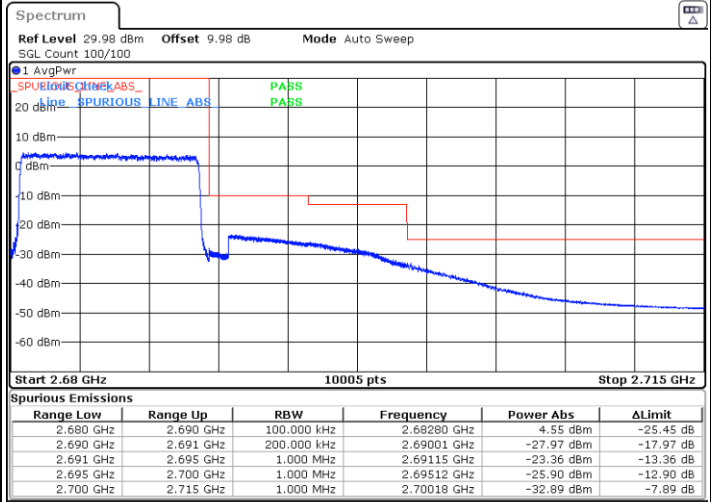
Date: 10.APR.2025 01:52:21

Lowest Band Edge / Full RB



Date: 10.APR.2025 01:41:20

Highest Band Edge / Full RB

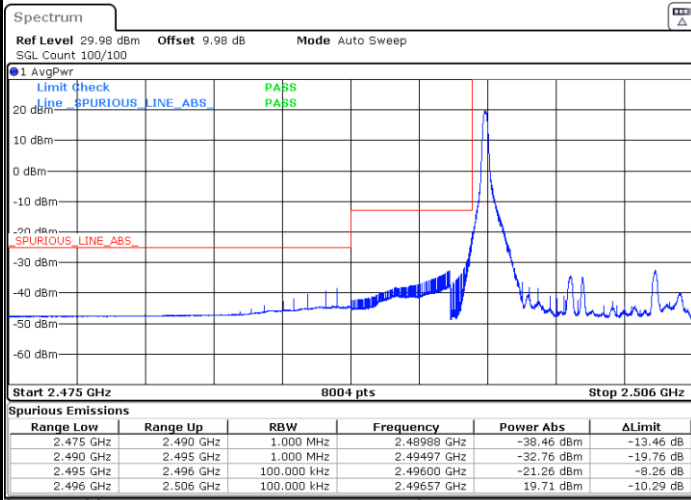


Date: 10.APR.2025 01:59:45



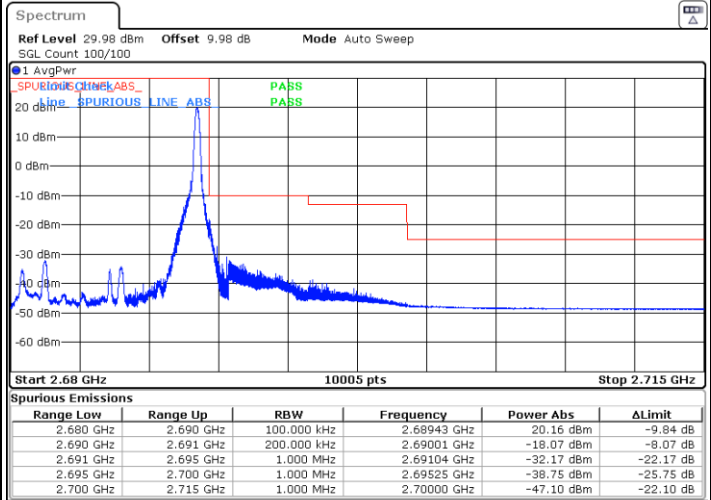
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



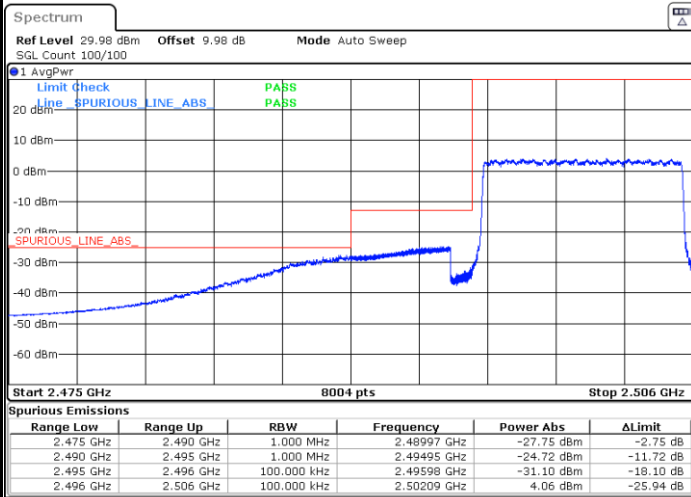
Date: 10.APR.2025 01:35:47

Highest Band Edge / 1 RB



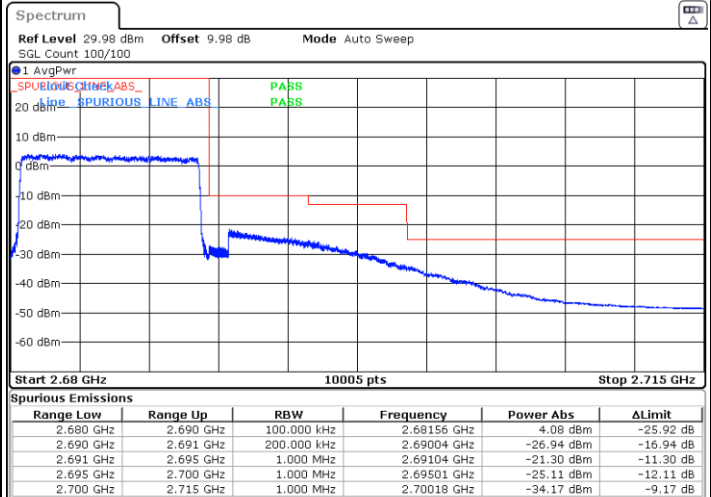
Date: 10.APR.2025 01:54:12

Lowest Band Edge / Full RB



Date: 10.APR.2025 01:43:11

Highest Band Edge / Full RB



Date: 10.APR.2025 02:01:36