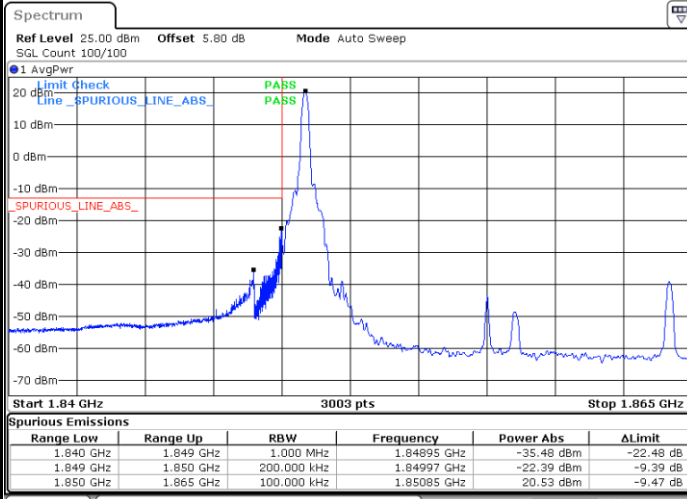




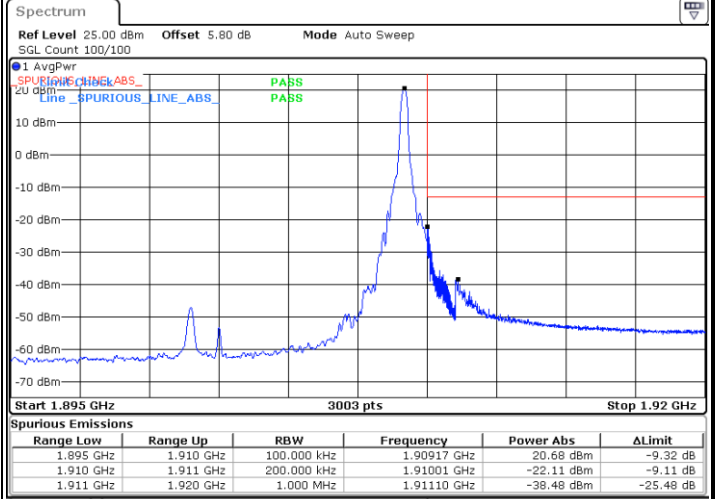
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



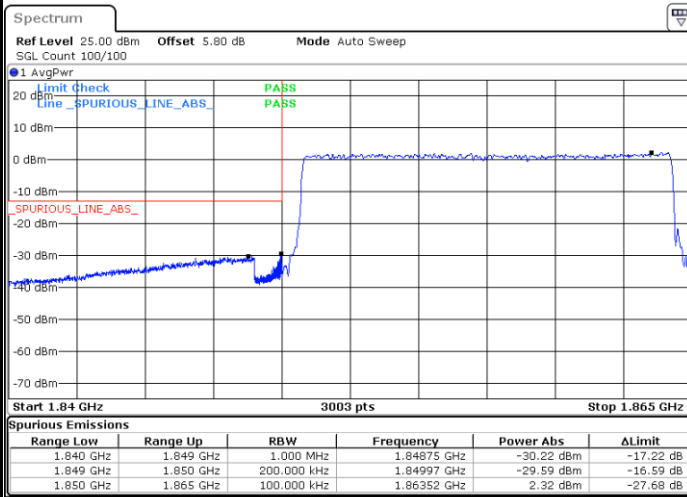
Date: 10.MAR.2024 17:49:12

Highest Band Edge / 1 RB



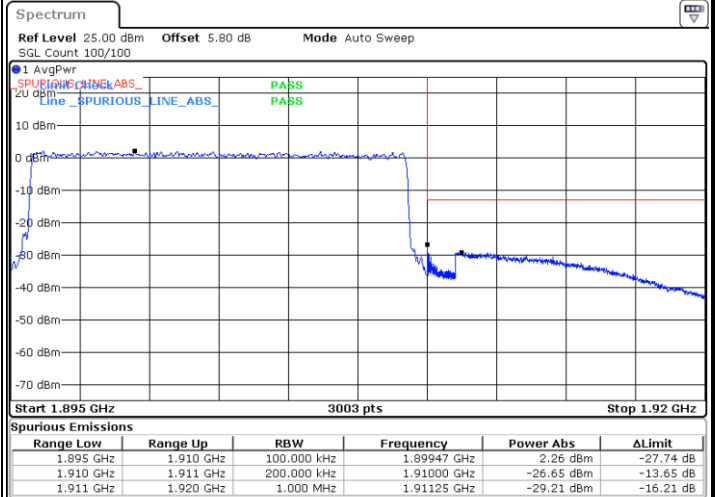
Date: 10.MAR.2024 17:54:14

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:50:52

Highest Band Edge / Full RB

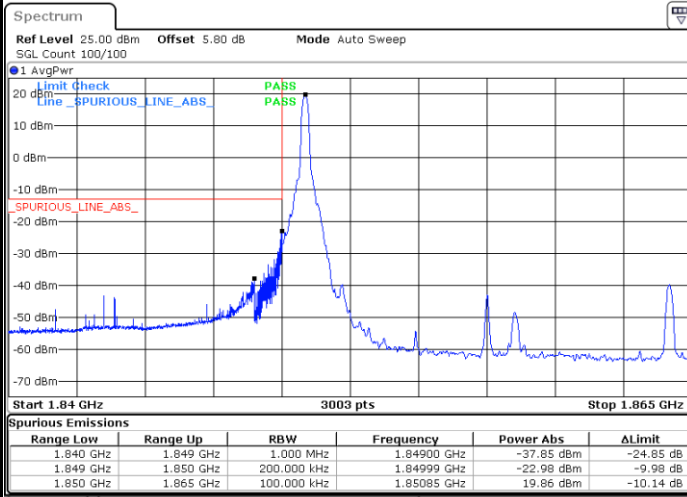


Date: 10.MAR.2024 17:55:30



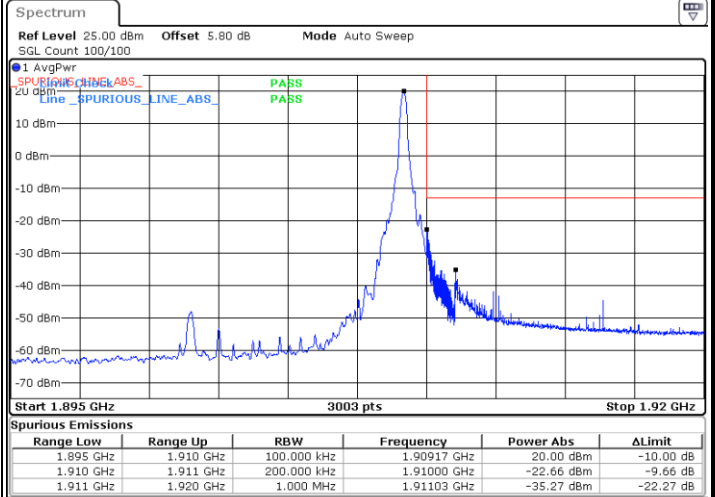
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



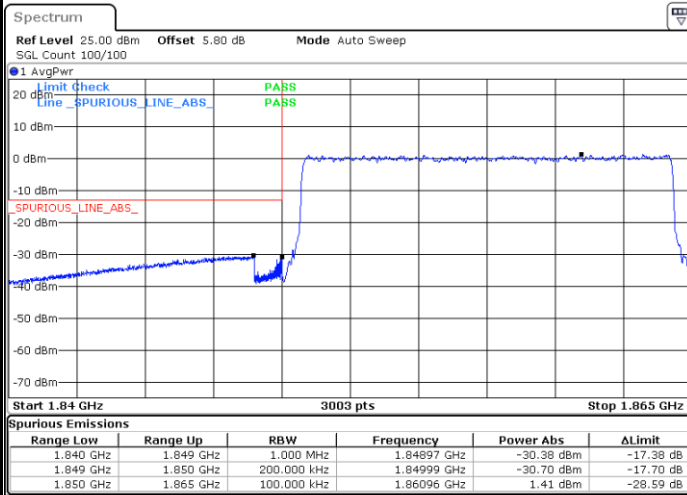
Date: 10.MAR.2024 17:49:23

Highest Band Edge / 1 RB



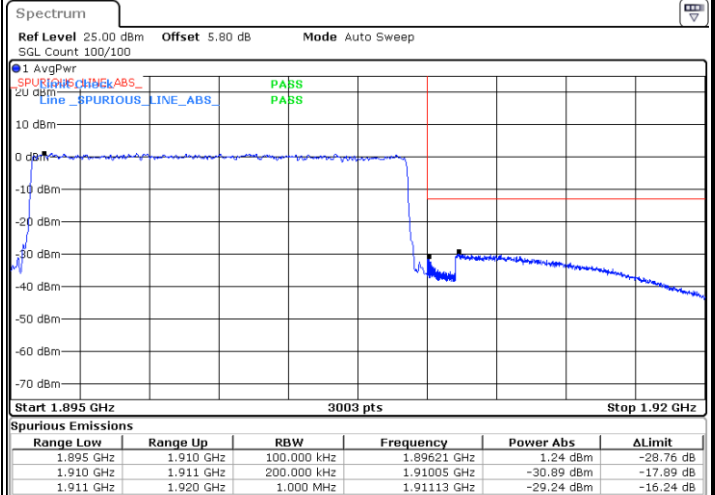
Date: 10.MAR.2024 17:54:26

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:50:35

Highest Band Edge / Full RB

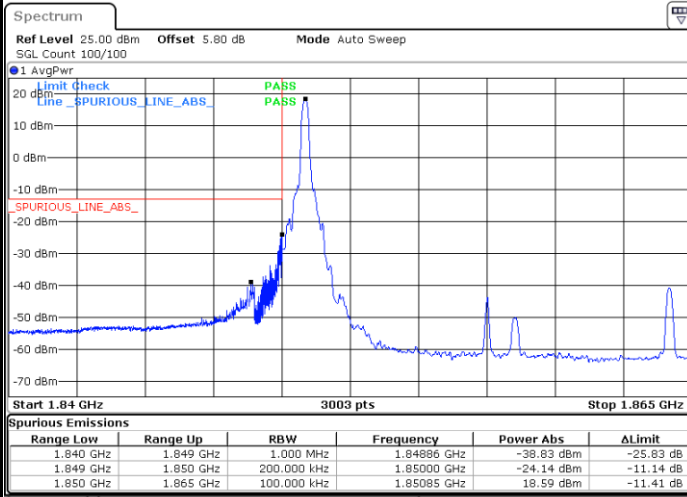


Date: 10.MAR.2024 17:55:18



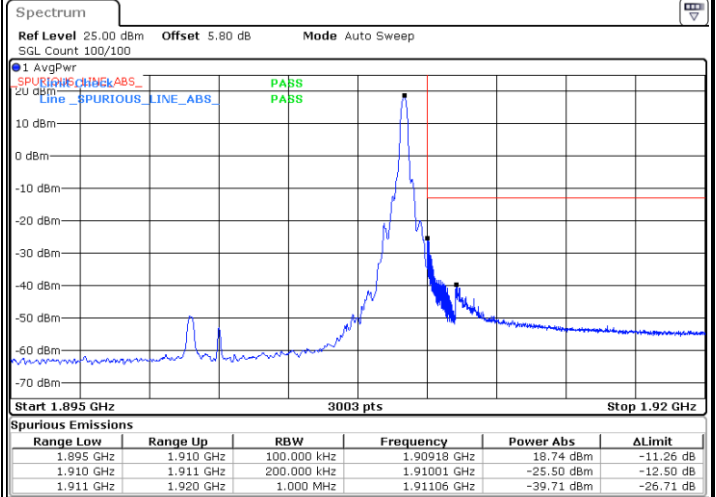
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



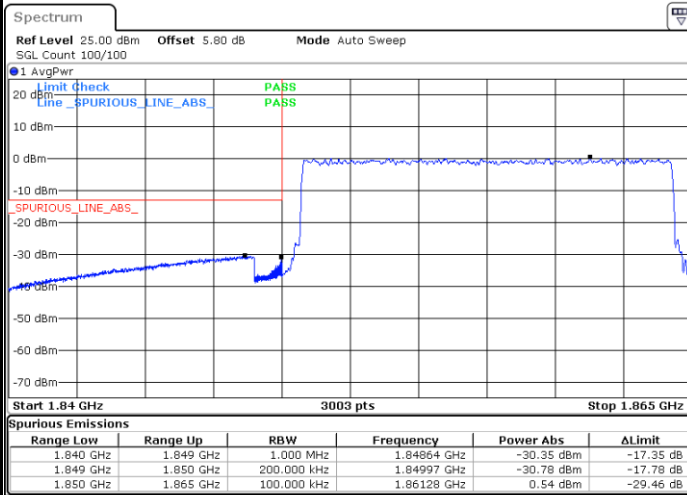
Date: 10.MAR.2024 17:49:35

Highest Band Edge / 1 RB



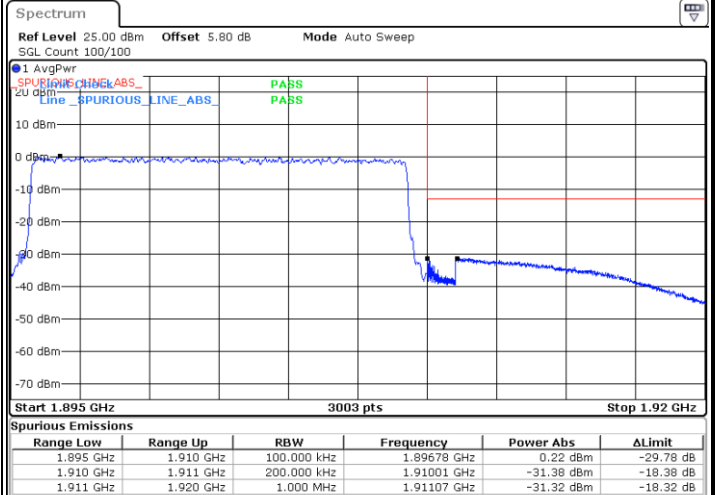
Date: 10.MAR.2024 17:54:35

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:50:22

Highest Band Edge / Full RB



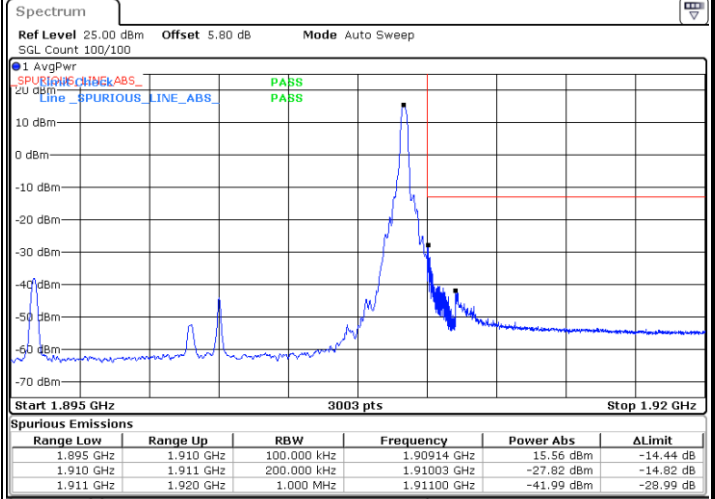
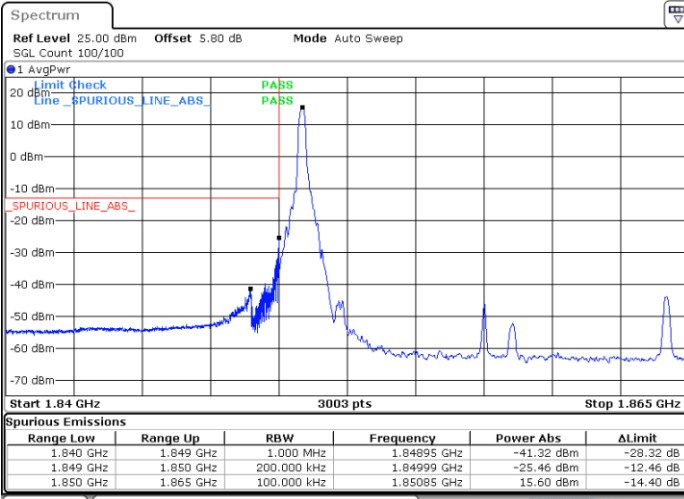
Date: 10.MAR.2024 17:55:08



LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

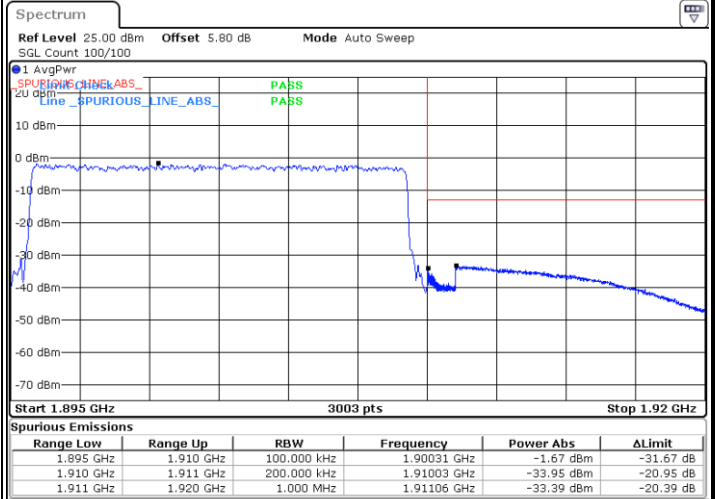
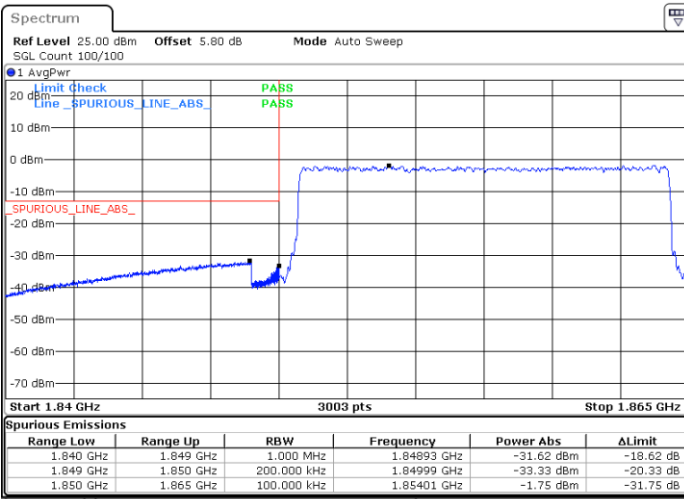


Date: 10.MAR.2024 17:49:53

Date: 10.MAR.2024 17:54:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.MAR.2024 17:50:08

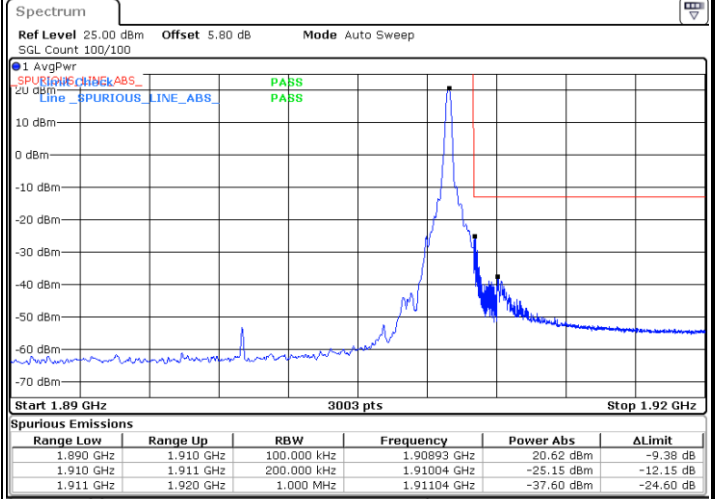
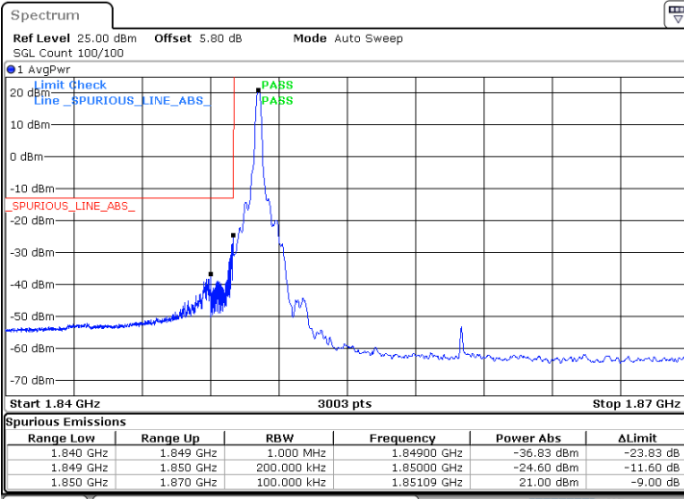
Date: 10.MAR.2024 17:54:58



LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

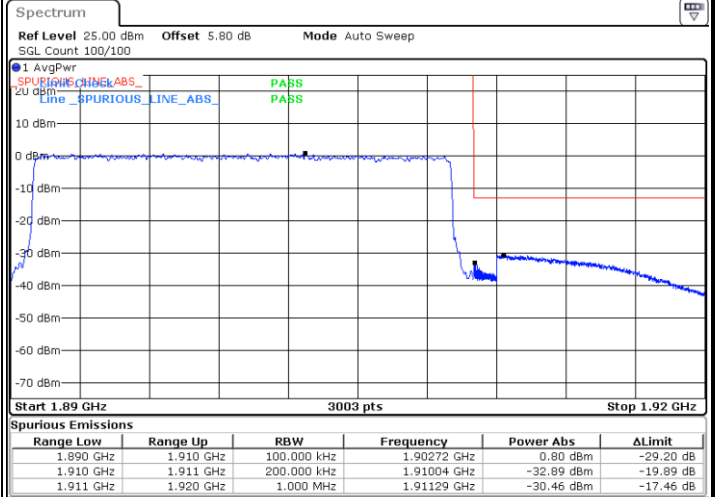
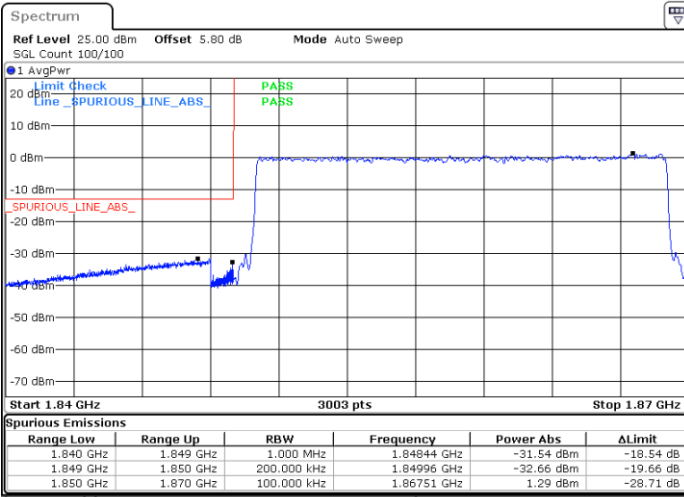


Date: 10.MAR.2024 17:57:49

Date: 10.MAR.2024 18:08:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



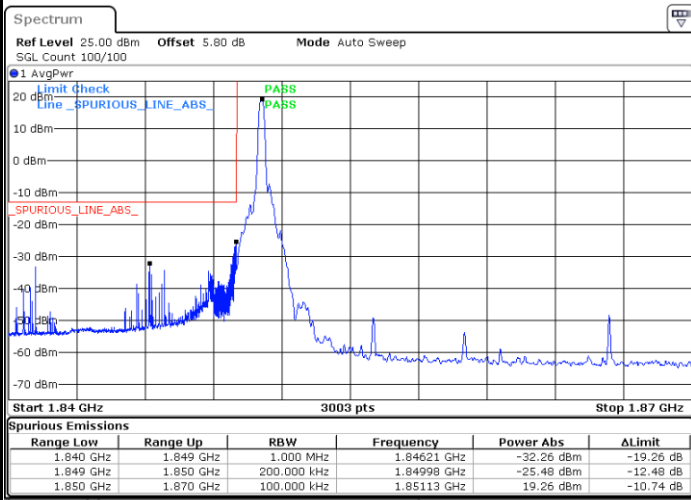
Date: 10.MAR.2024 17:59:32

Date: 10.MAR.2024 18:09:39



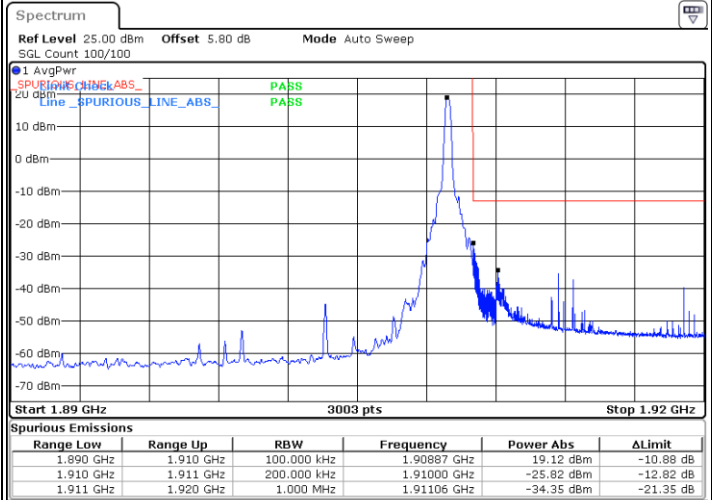
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



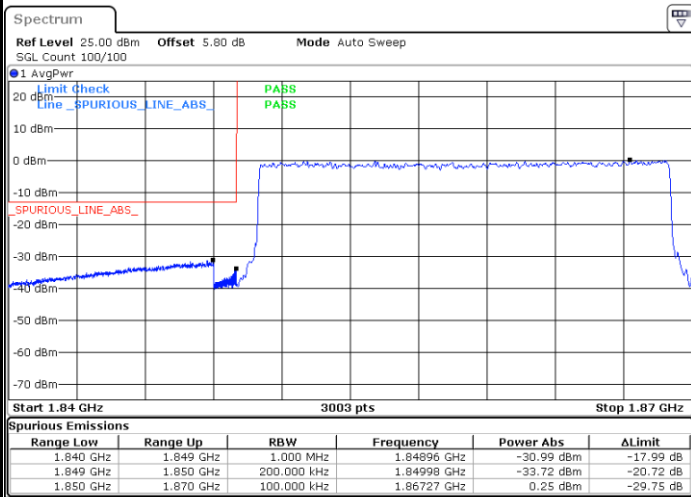
Date: 10.MAR.2024 17:58:02

Highest Band Edge / 1 RB



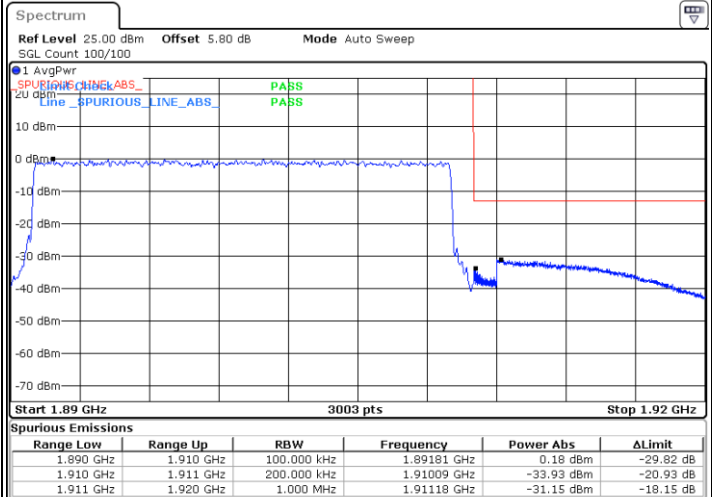
Date: 10.MAR.2024 18:08:34

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:59:18

Highest Band Edge / Full RB

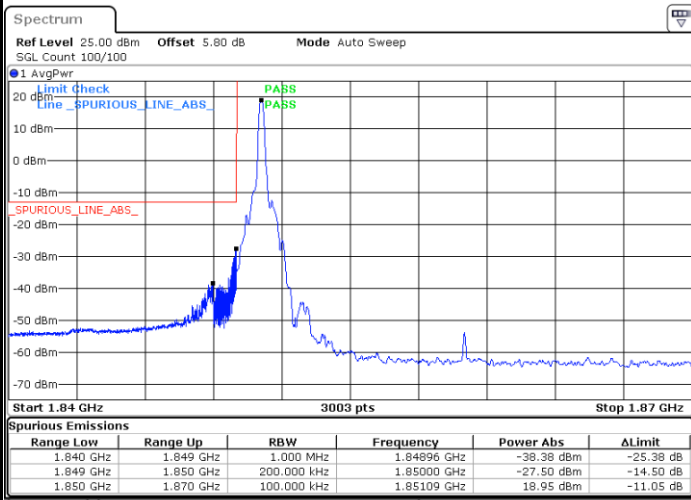


Date: 10.MAR.2024 18:09:29



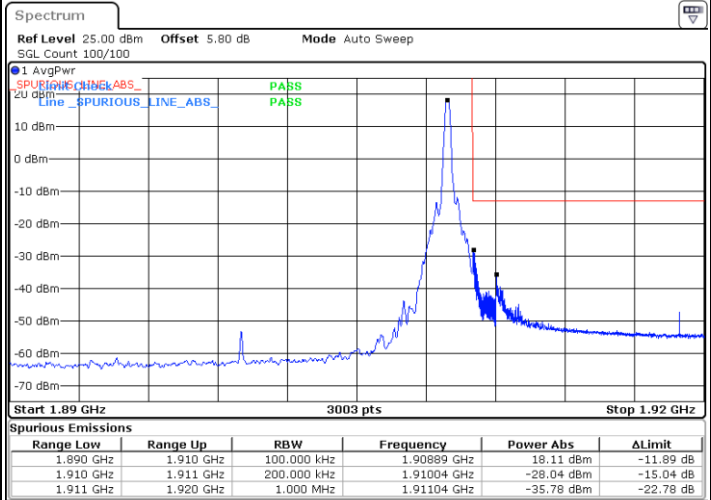
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



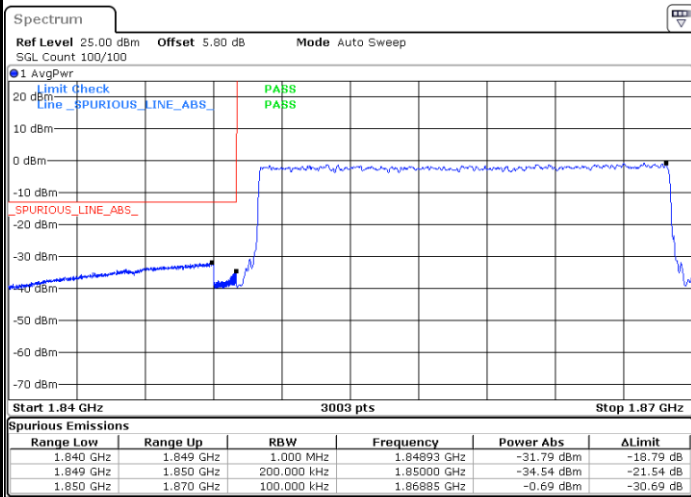
Date: 10.MAR.2024 17:58:14

Highest Band Edge / 1 RB



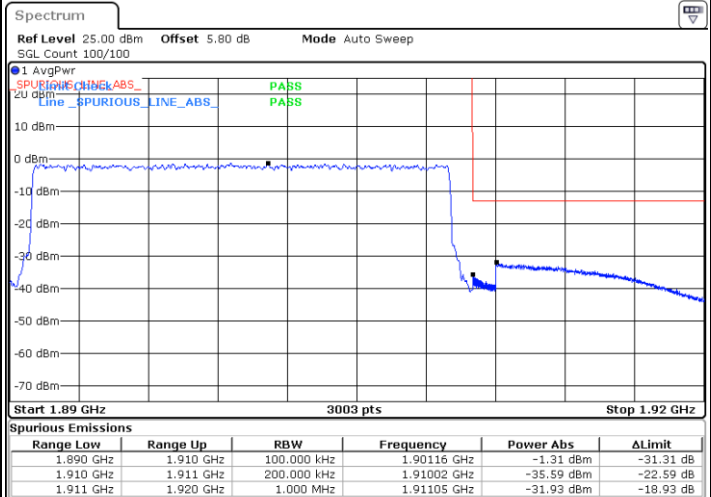
Date: 10.MAR.2024 18:08:45

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:59:01

Highest Band Edge / Full RB

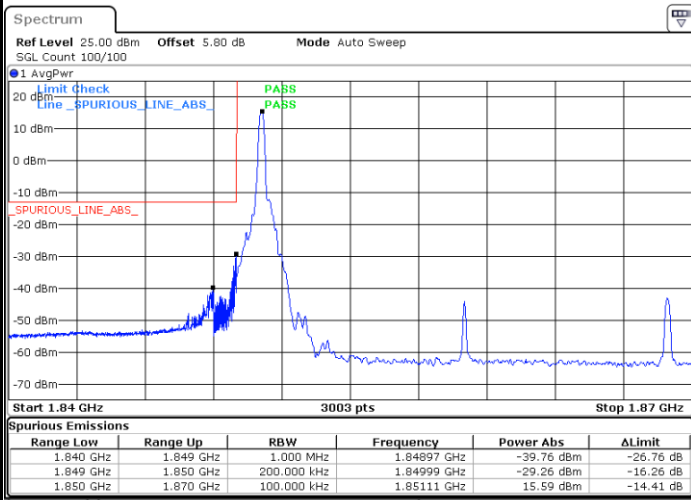


Date: 10.MAR.2024 18:09:19



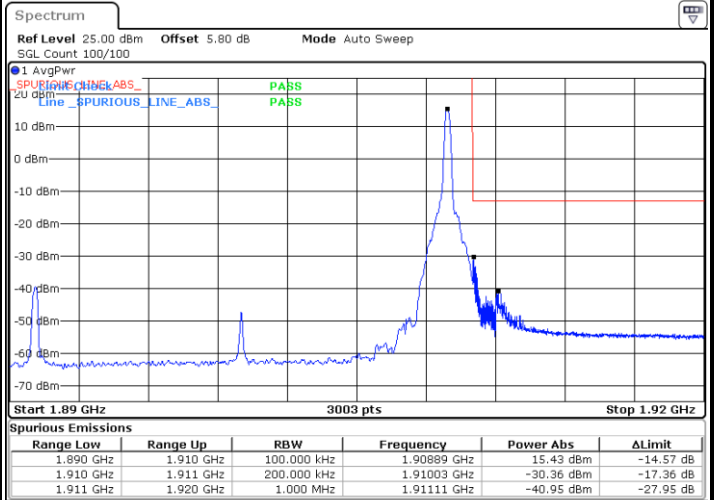
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



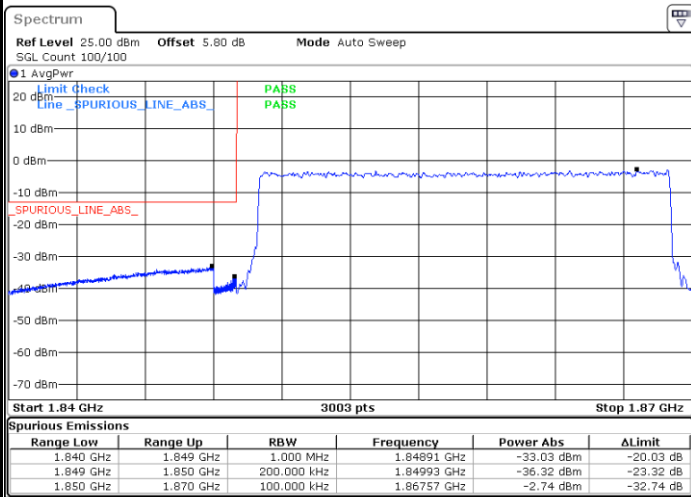
Date: 10.MAR.2024 17:58:25

Highest Band Edge / 1 RB



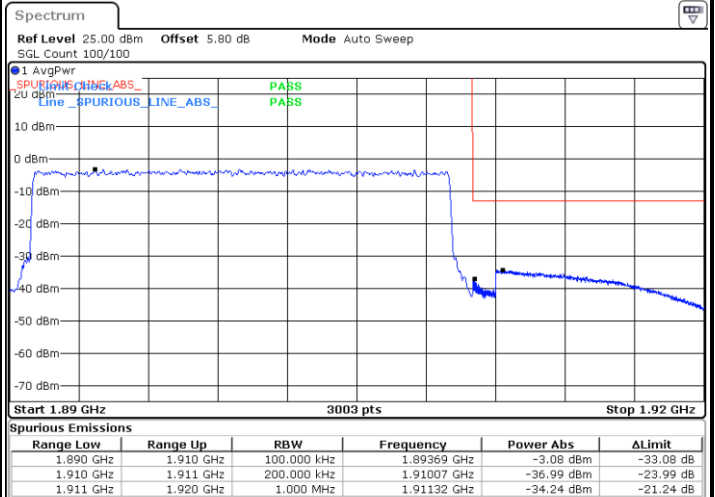
Date: 10.MAR.2024 18:08:55

Lowest Band Edge / Full RB



Date: 10.MAR.2024 17:58:41

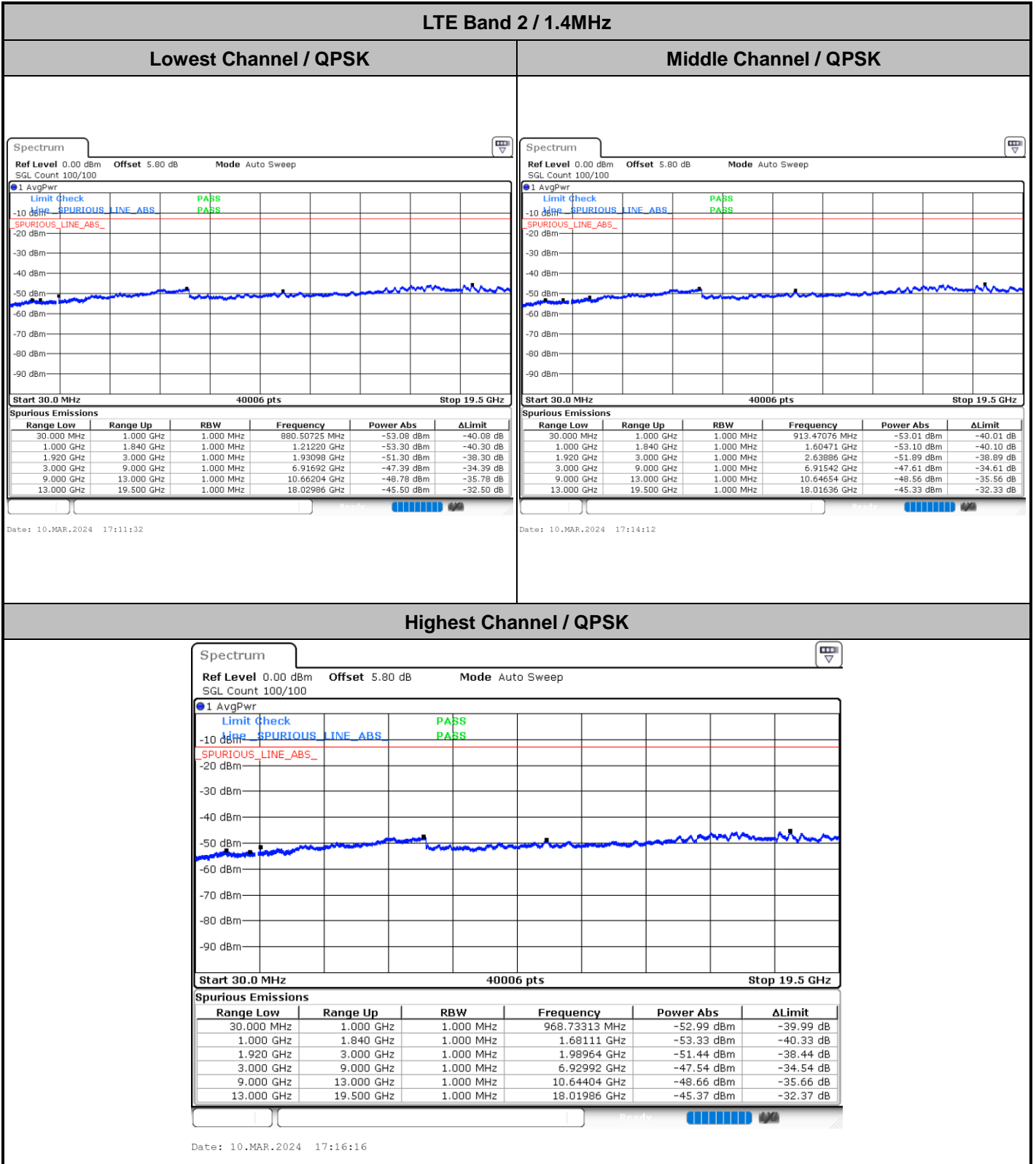
Highest Band Edge / Full RB



Date: 10.MAR.2024 18:09:07



Conducted Spurious Emission

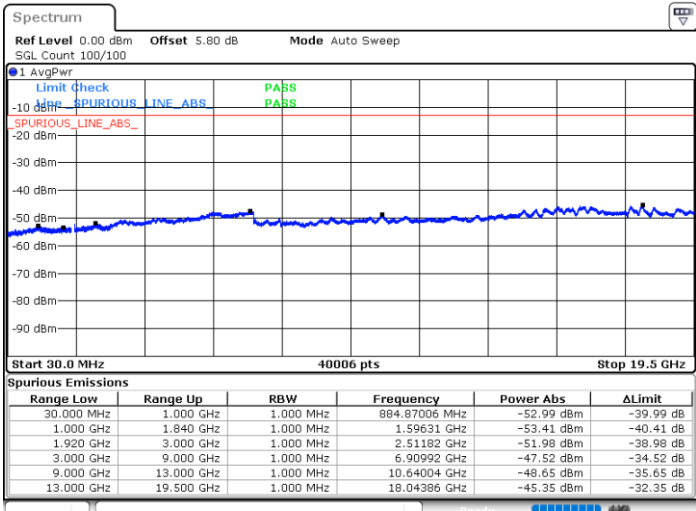




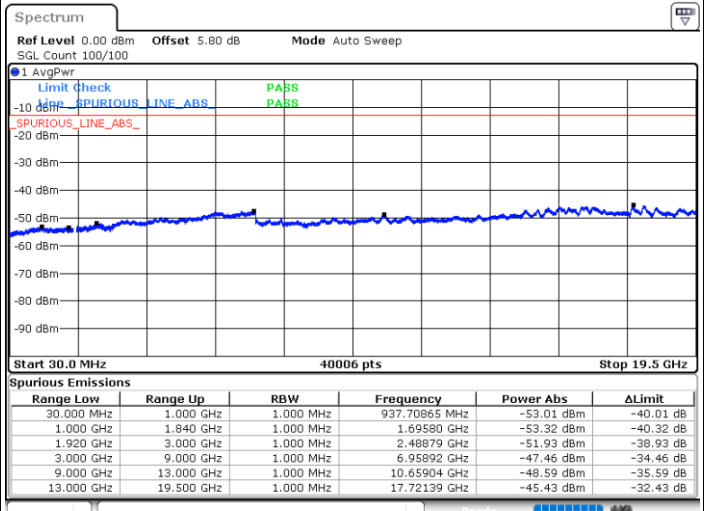
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

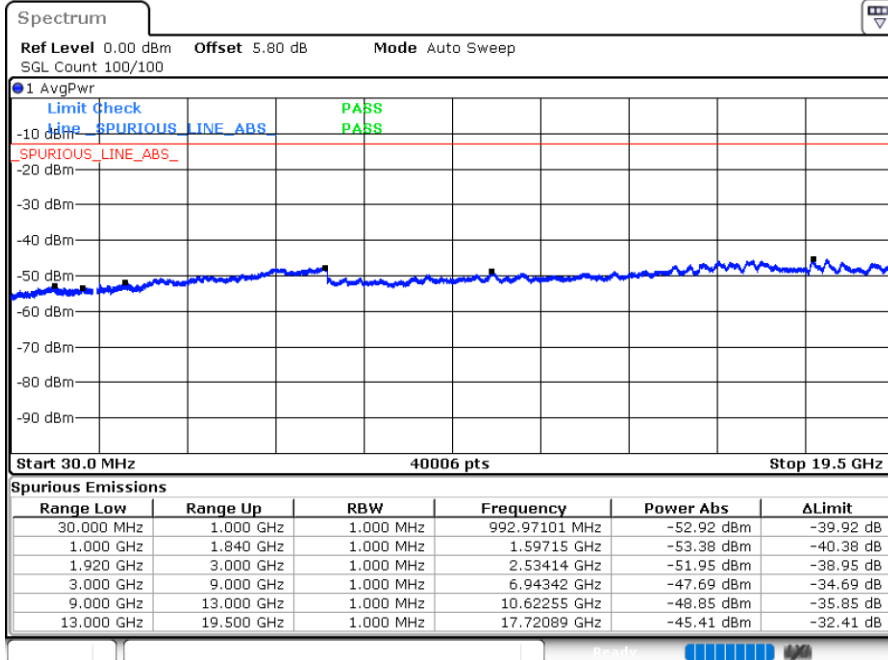


Date: 10.MAR.2024 17:19:20



Date: 10.MAR.2024 17:22:31

Highest Channel / QPSK



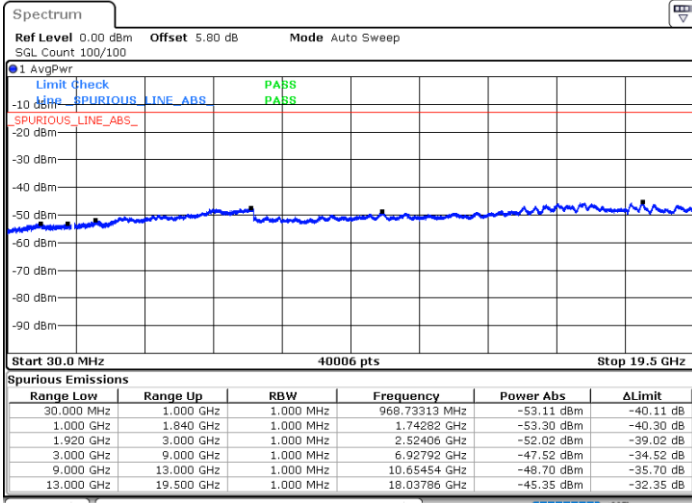
Date: 10.MAR.2024 17:24:48



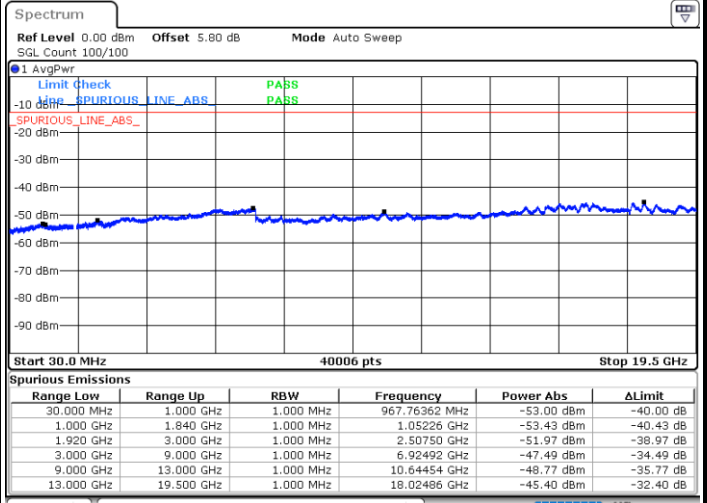
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

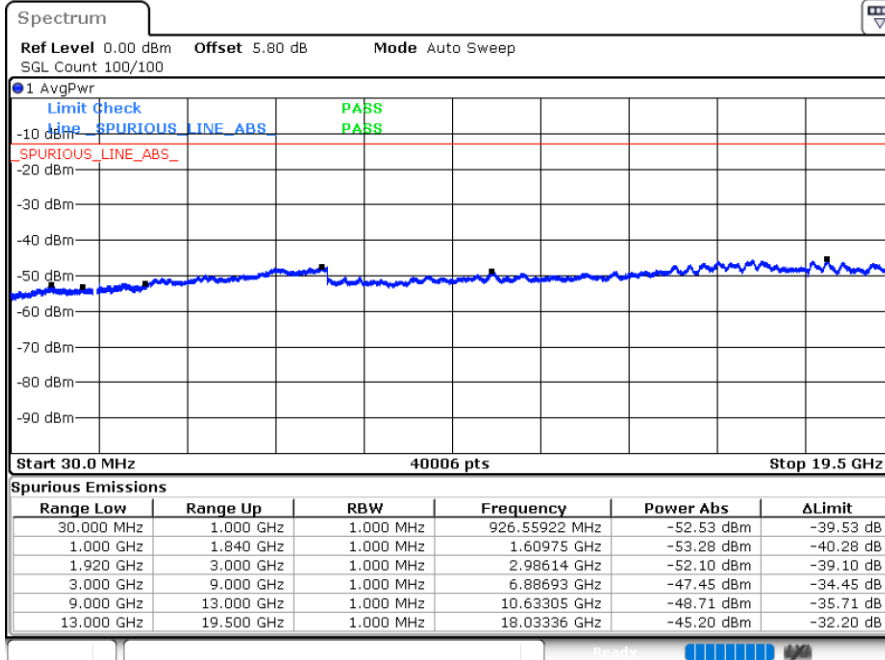


Date: 10.MAR.2024 17:28:08



Date: 10.MAR.2024 17:31:37

Highest Channel / QPSK



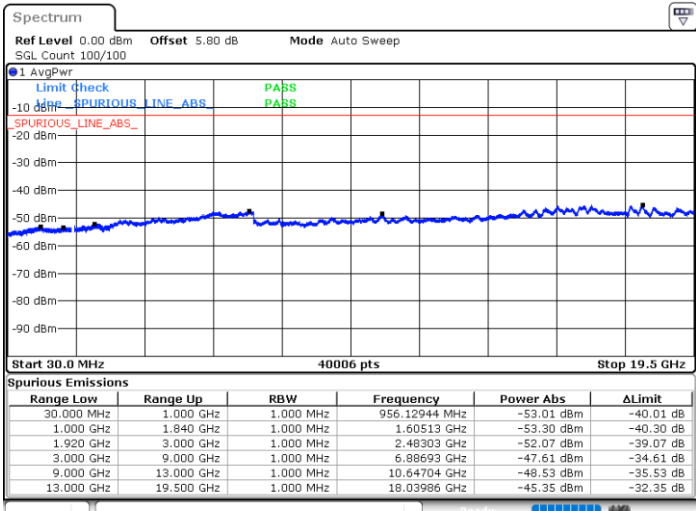
Date: 10.MAR.2024 17:33:39



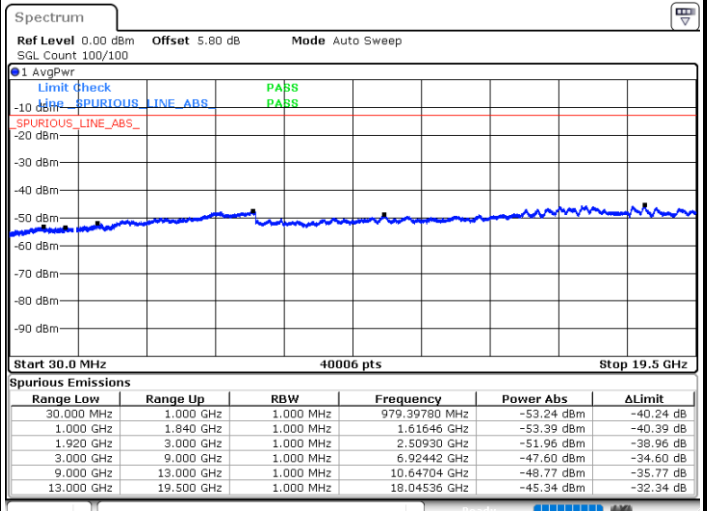
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

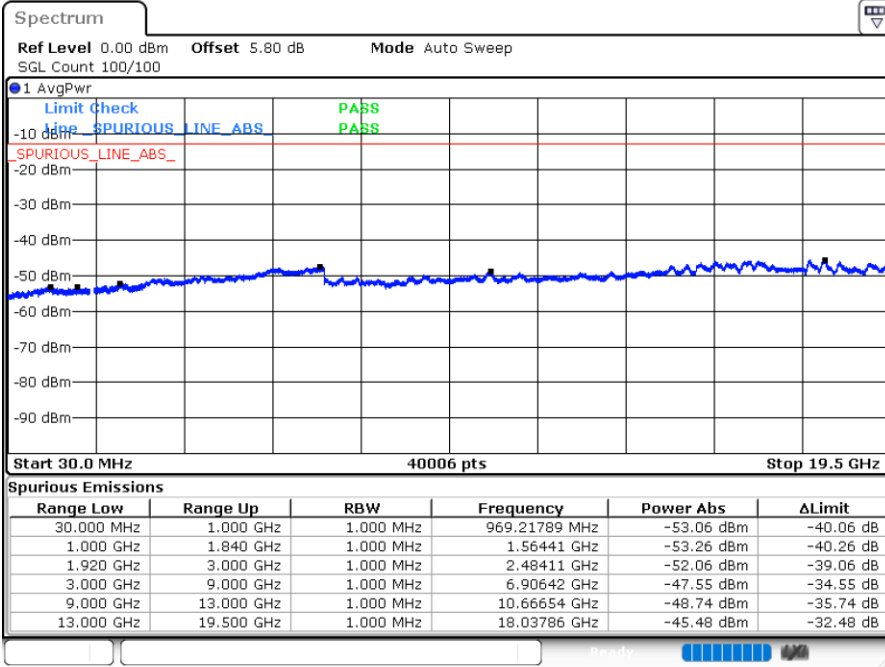


Date: 10.MAR.2024 17:37:15



Date: 10.MAR.2024 17:40:22

Highest Channel / QPSK



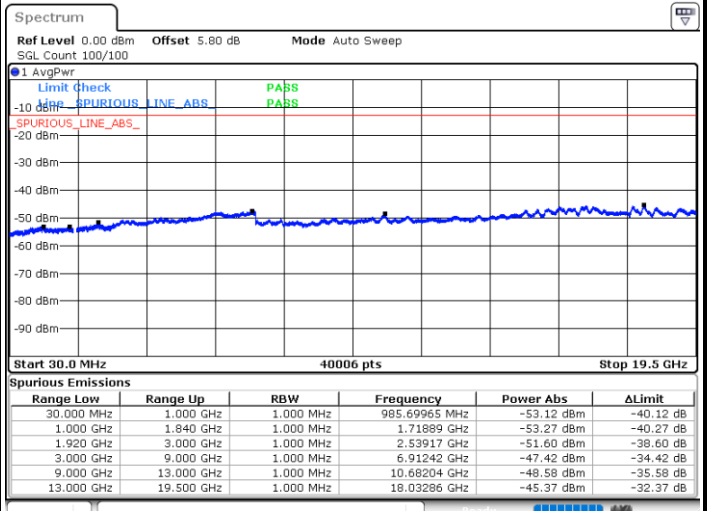
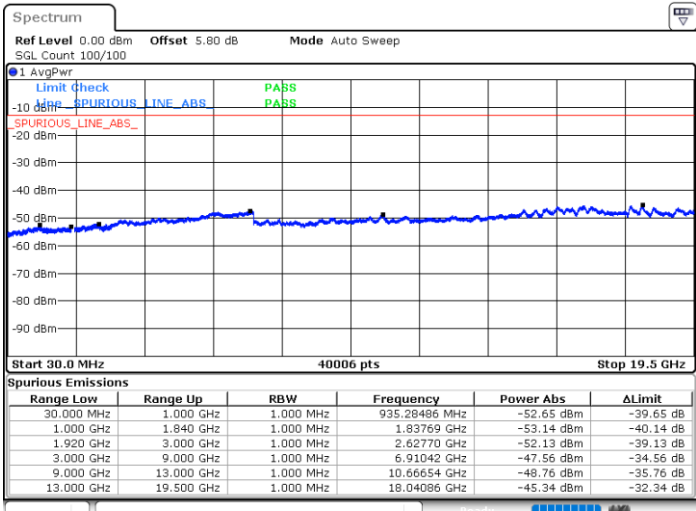
Date: 10.MAR.2024 17:42:50



LTE Band 2 / 15MHz

Lowest Channel / QPSK

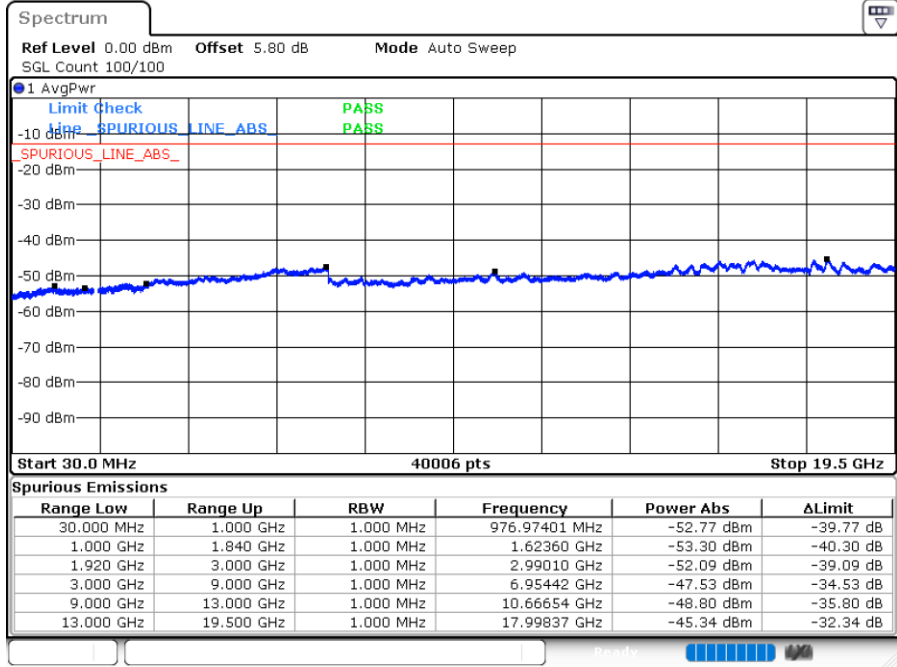
Middle Channel / QPSK



Date: 10.MAR.2024 17:48:54

Date: 10.MAR.2024 17:52:53

Highest Channel / QPSK



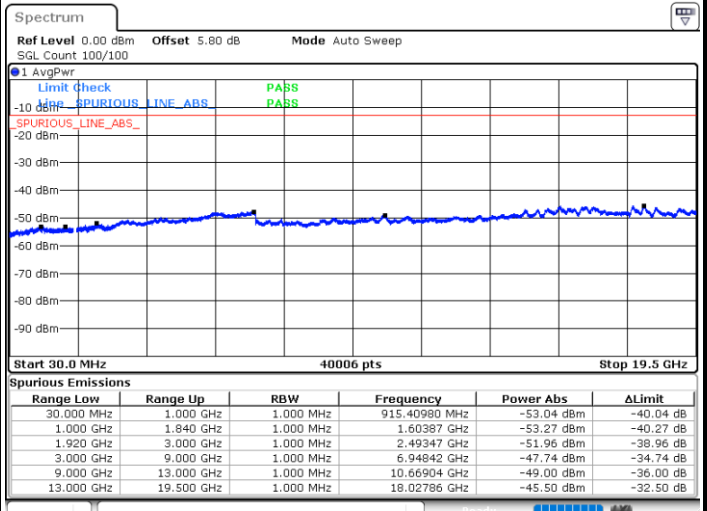
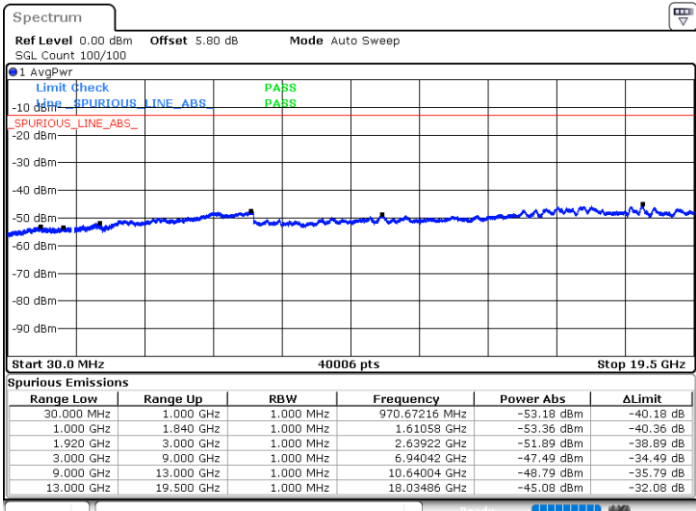
Date: 10.MAR.2024 17:53:54



LTE Band 2 / 20MHz

Lowest Channel / QPSK

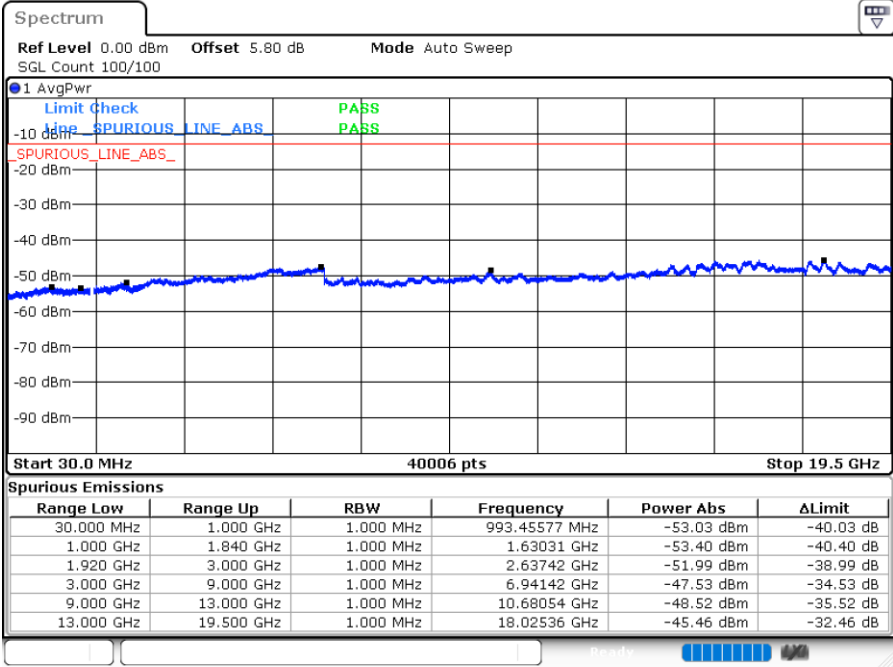
Middle Channel / QPSK



Date: 10.MAR.2024 17:57:33

Date: 10.MAR.2024 18:12:34

Highest Channel / QPSK



Date: 10.MAR.2024 18:08:00



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	0.0023	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0083	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0027	

Note:

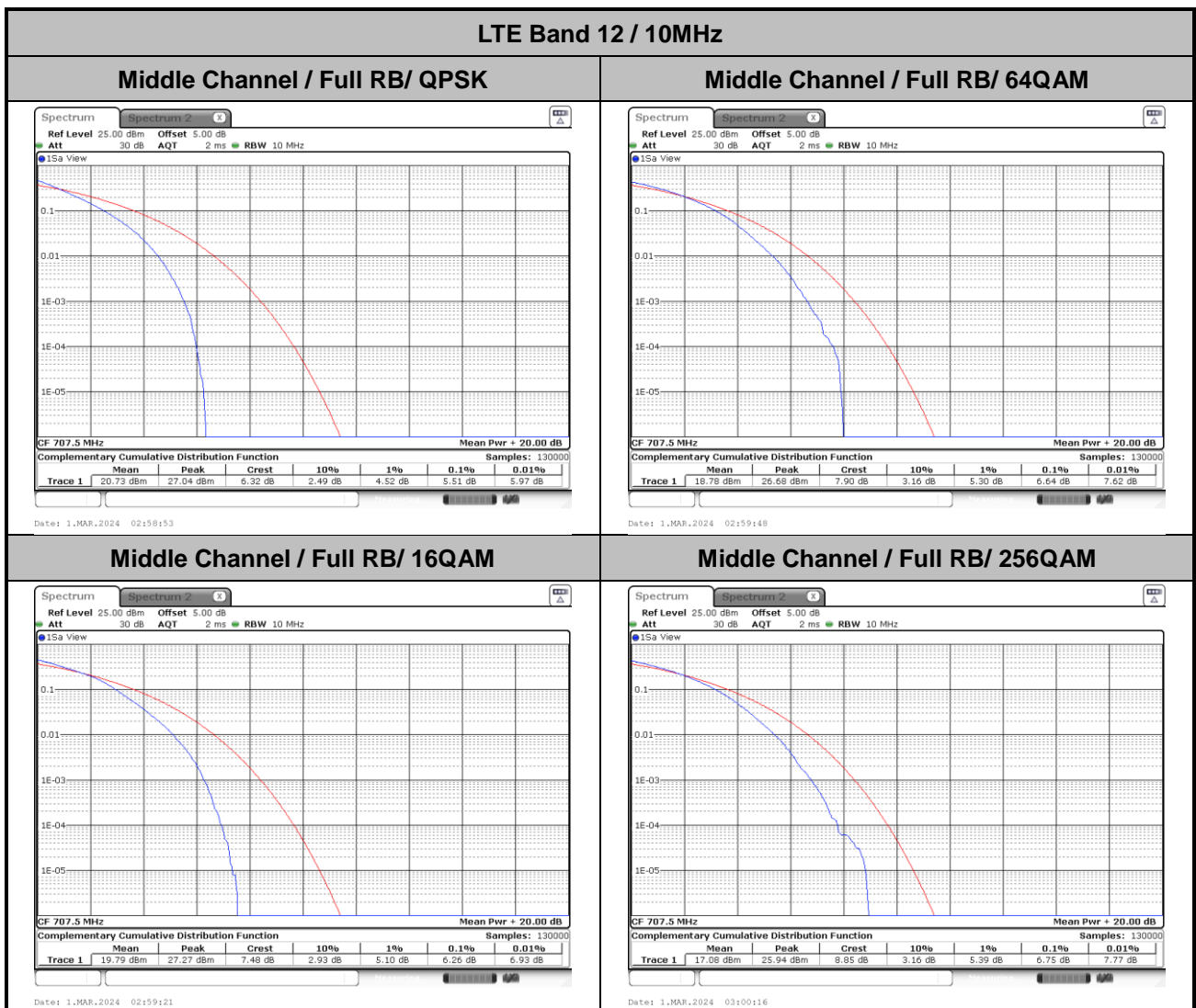
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage = 4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

Peak-to-Average Ratio

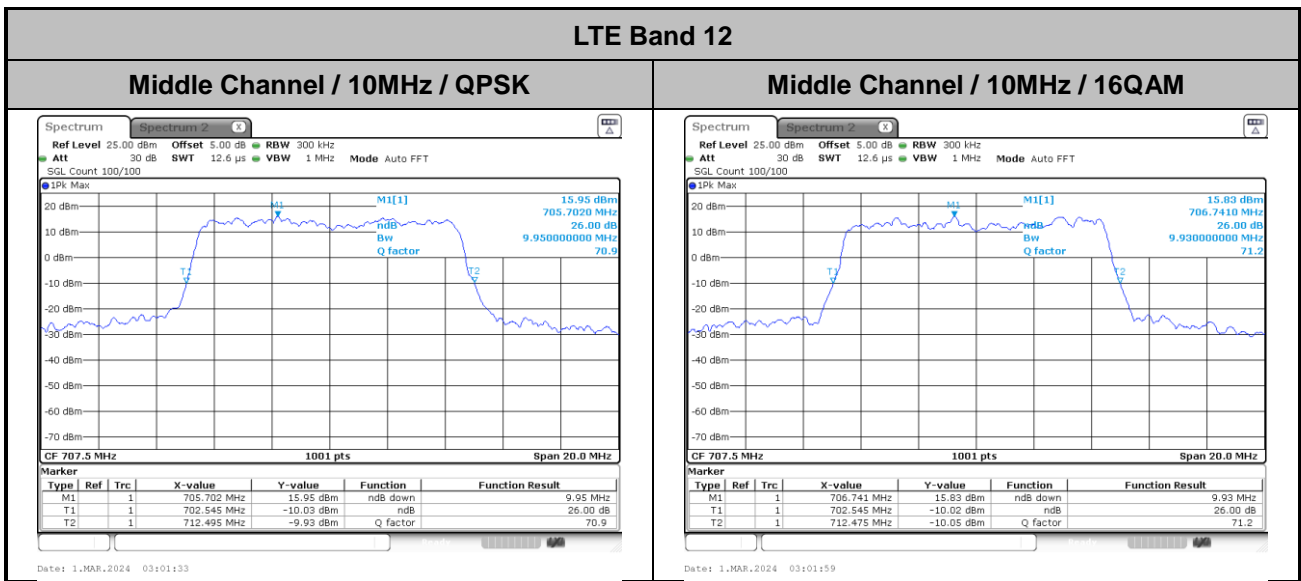
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.26	6.64	6.75	PASS





26dB Bandwidth

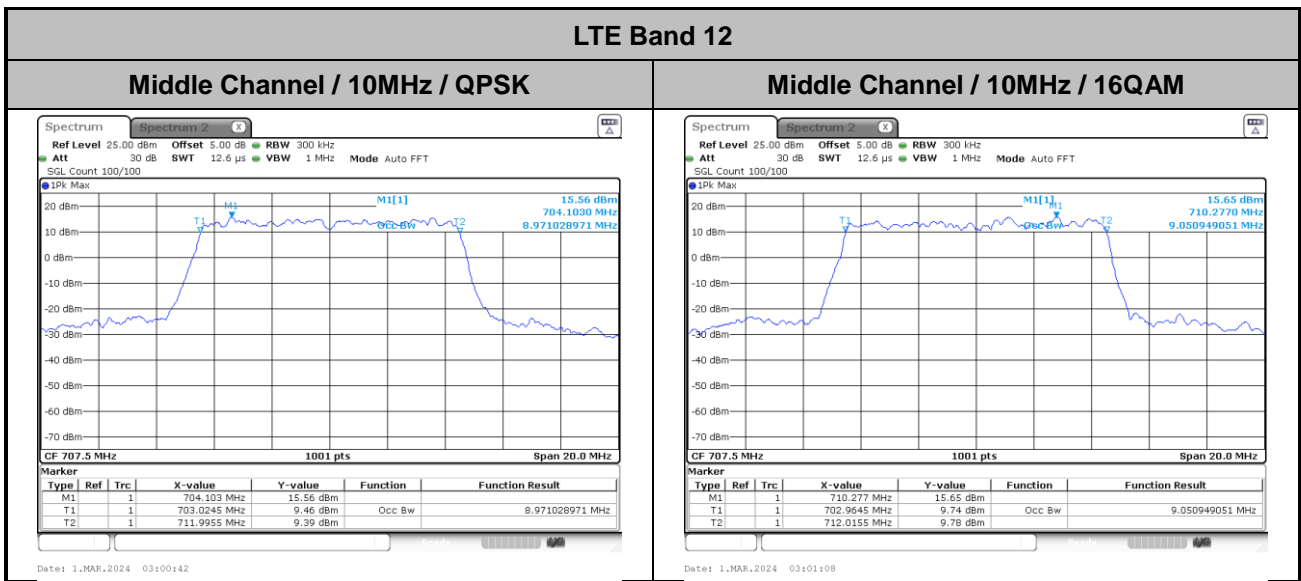
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.95	9.93





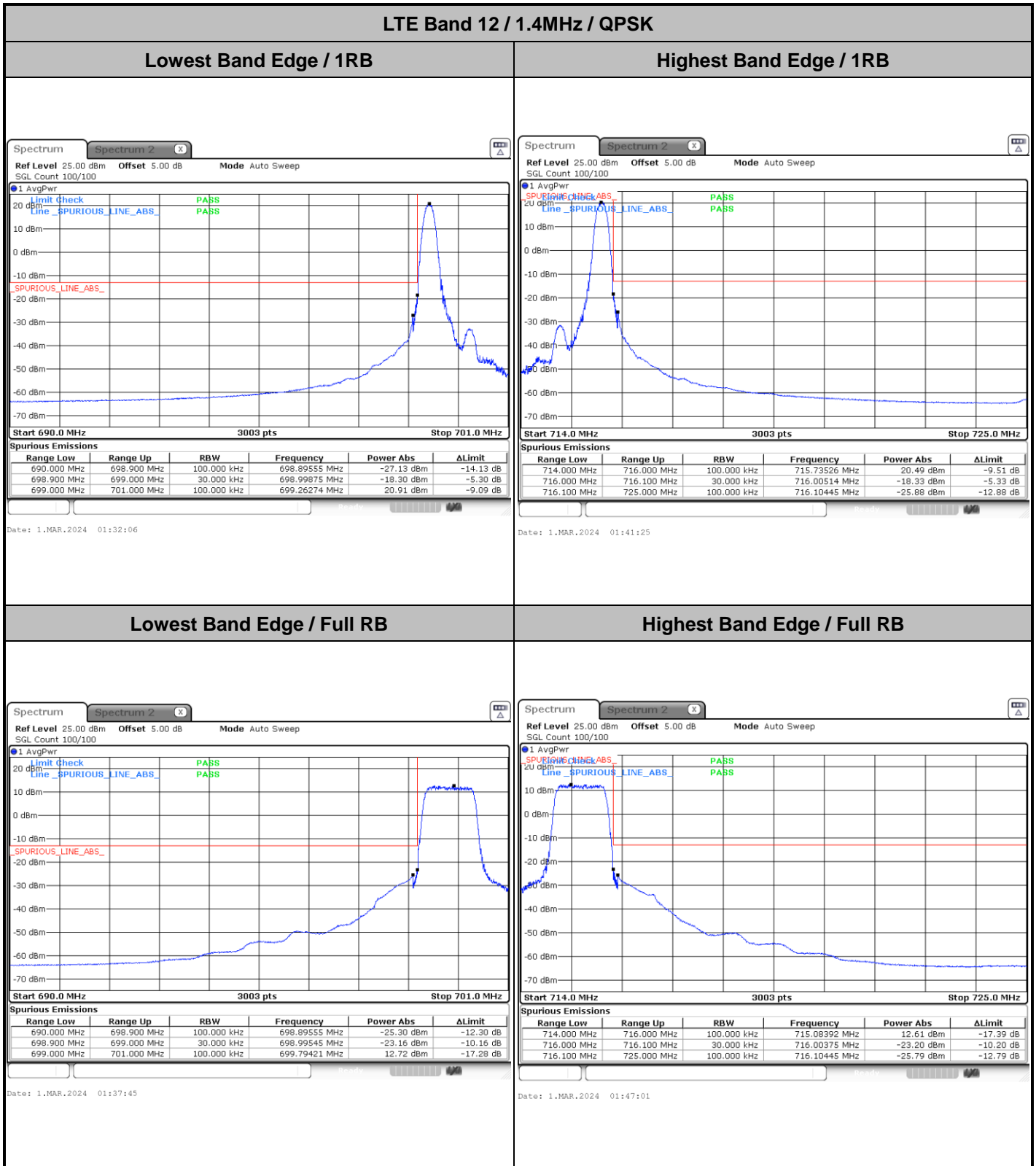
Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	9.05





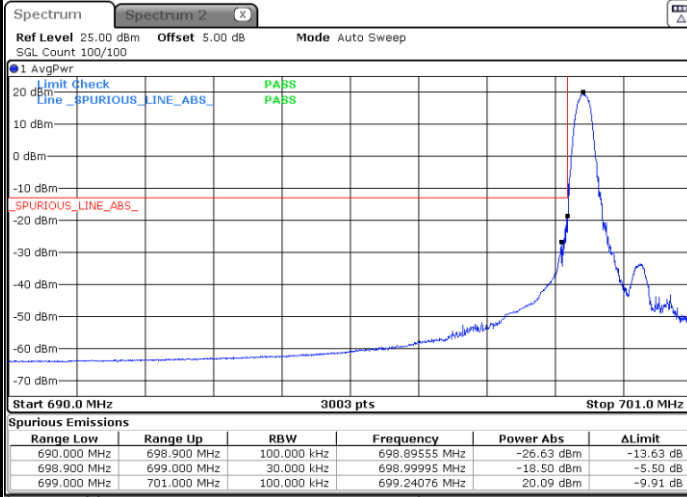
Conducted Band Edge





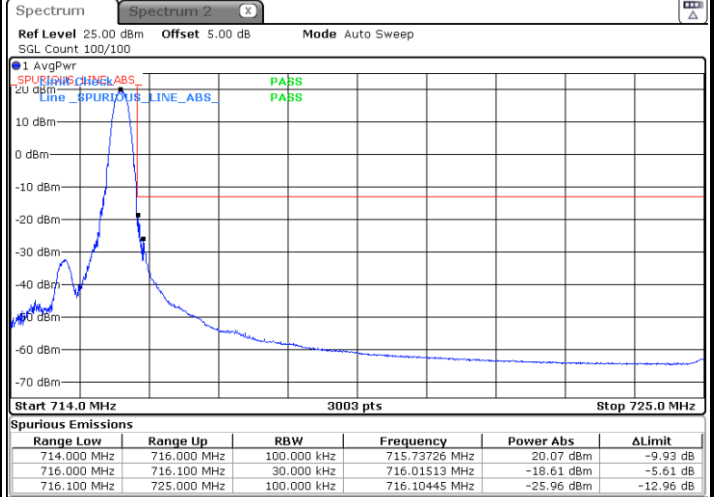
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



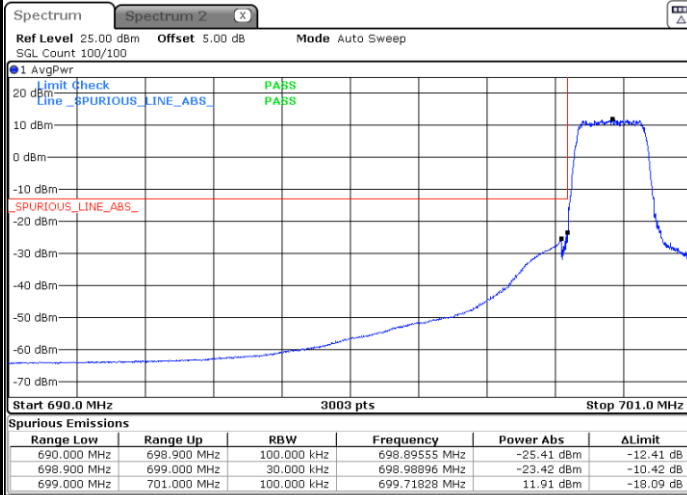
Date: 1.MAR.2024 01:32:54

Highest Band Edge / 1 RB



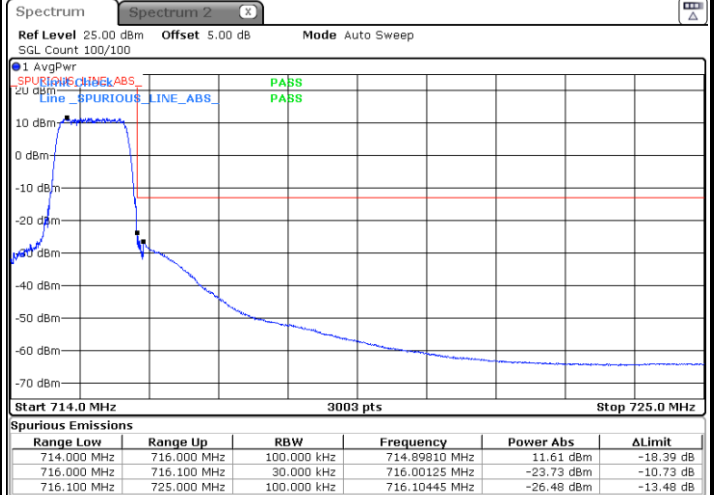
Date: 1.MAR.2024 01:42:13

Lowest Band Edge / Full RB



Date: 1.MAR.2024 01:36:57

Highest Band Edge / Full RB

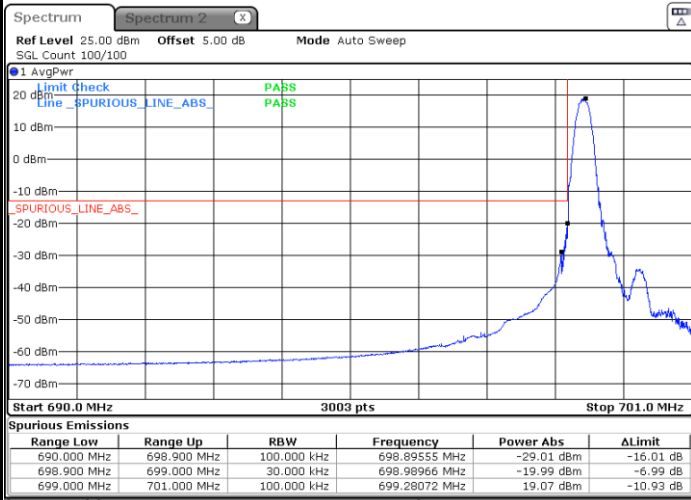


Date: 1.MAR.2024 01:46:13



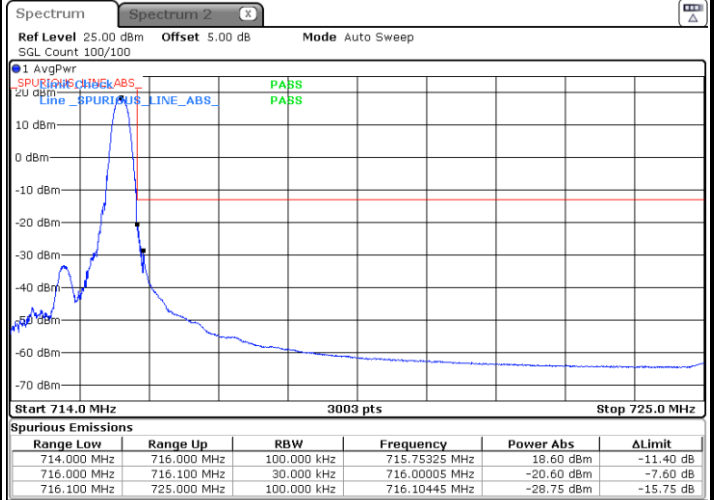
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



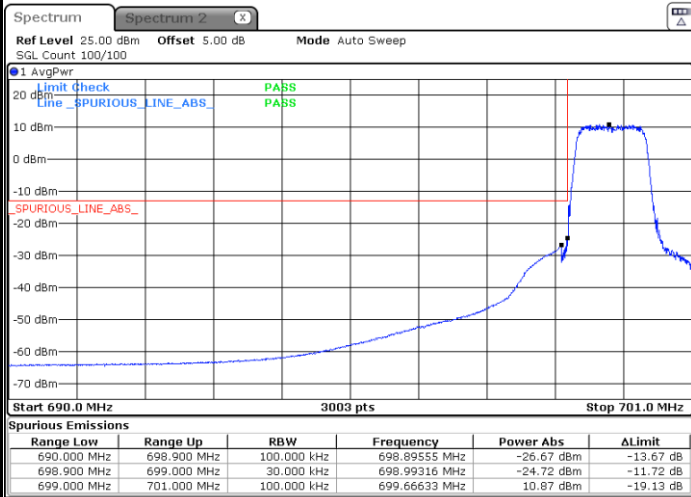
Date: 1.MAR.2024 01:33:42

Highest Band Edge / 1 RB



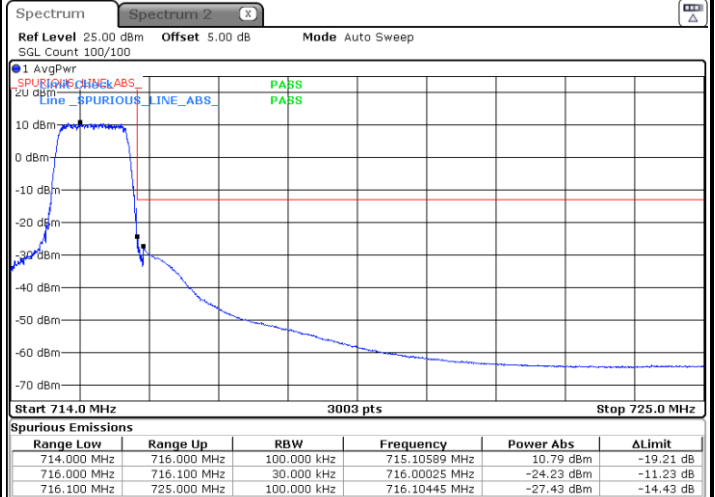
Date: 1.MAR.2024 01:43:01

Lowest Band Edge / Full RB



Date: 1.MAR.2024 01:36:09

Highest Band Edge / Full RB

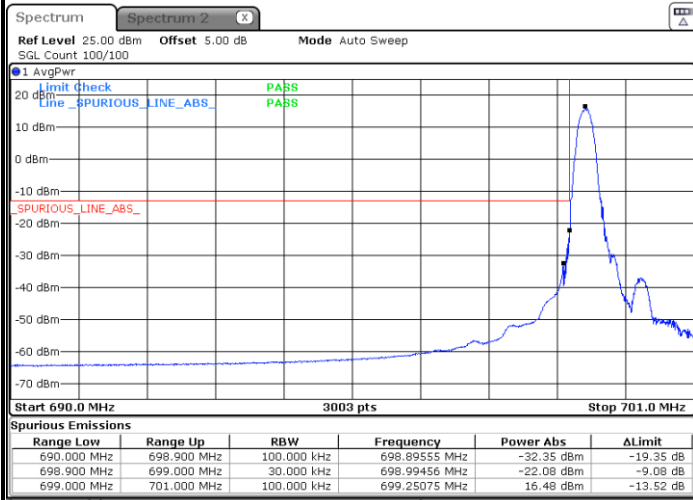


Date: 1.MAR.2024 01:45:26

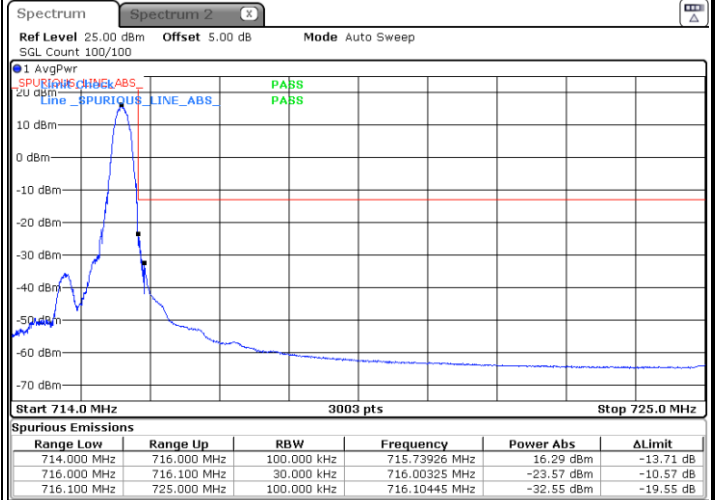


LTE Band 12 / 1.4MHz / 256QAM

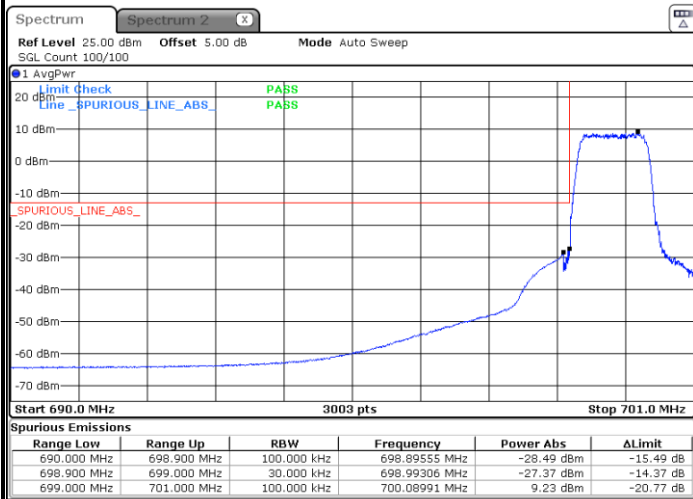
Lowest Band Edge / 1 RB



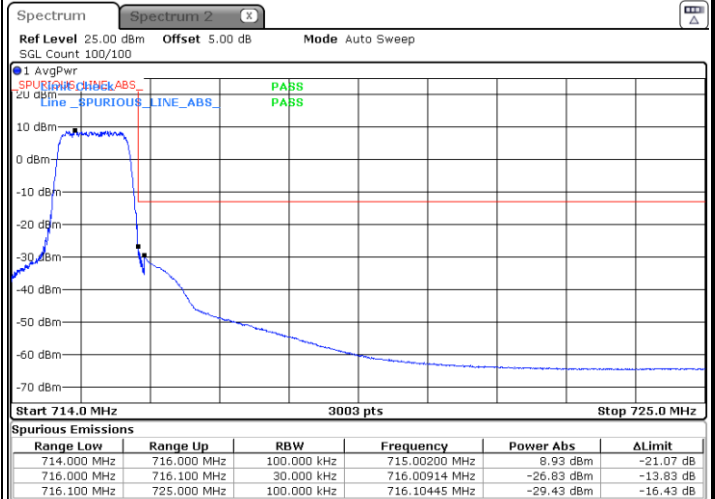
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



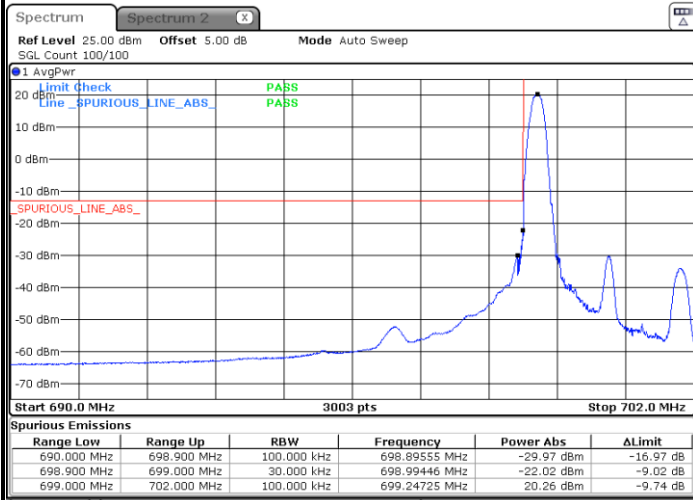
Highest Band Edge / Full RB





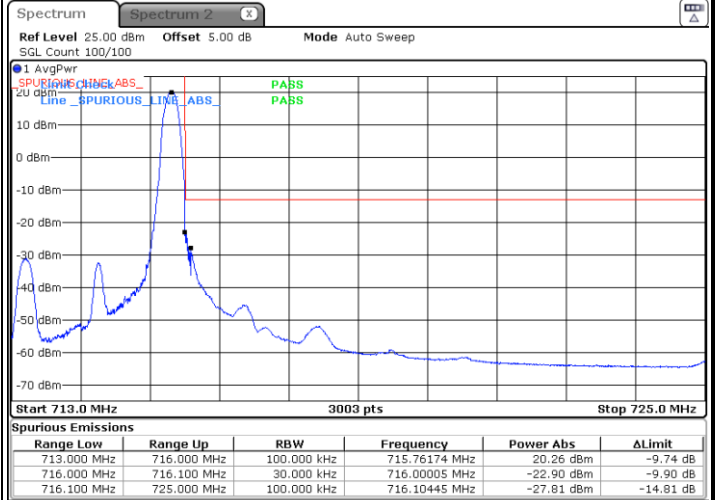
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



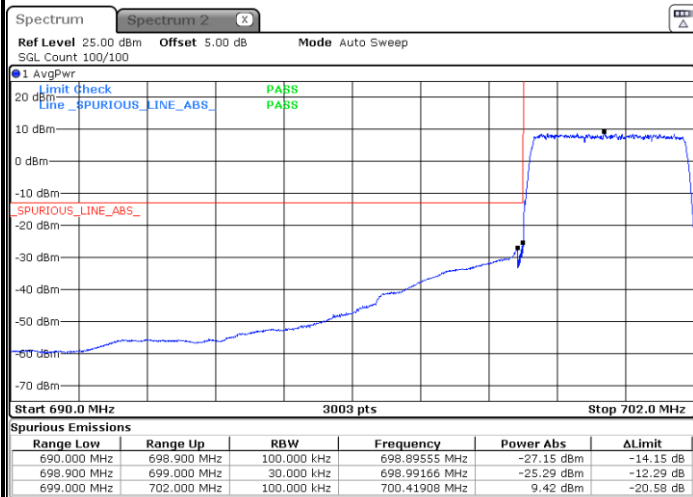
Date: 1.MAR.2024 01:51:55

Highest Band Edge / 1 RB



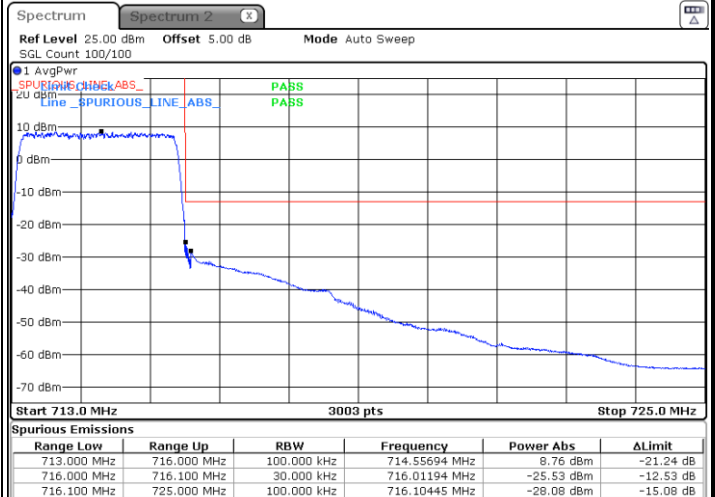
Date: 1.MAR.2024 02:01:14

Lowest Band Edge / Full RB



Date: 1.MAR.2024 01:57:35

Highest Band Edge / Full RB

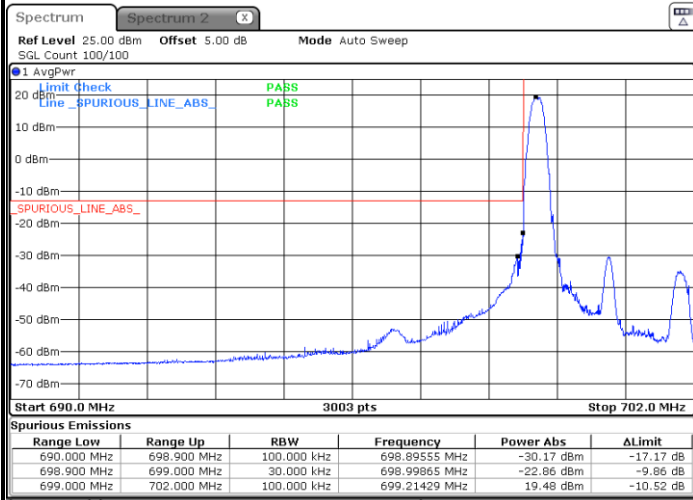


Date: 1.MAR.2024 02:06:57



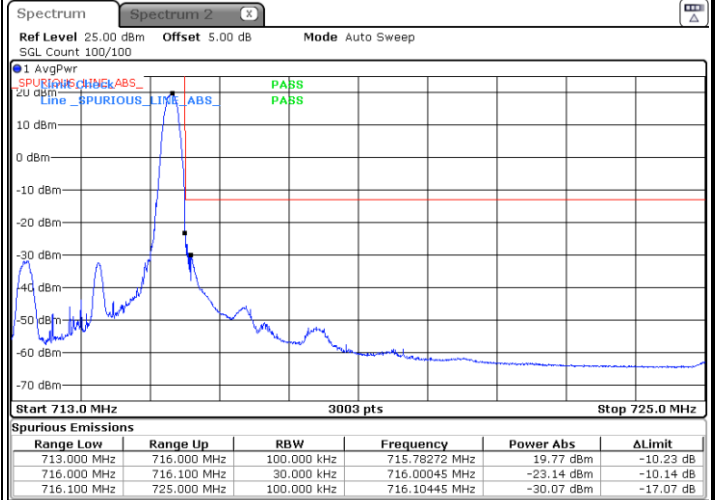
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



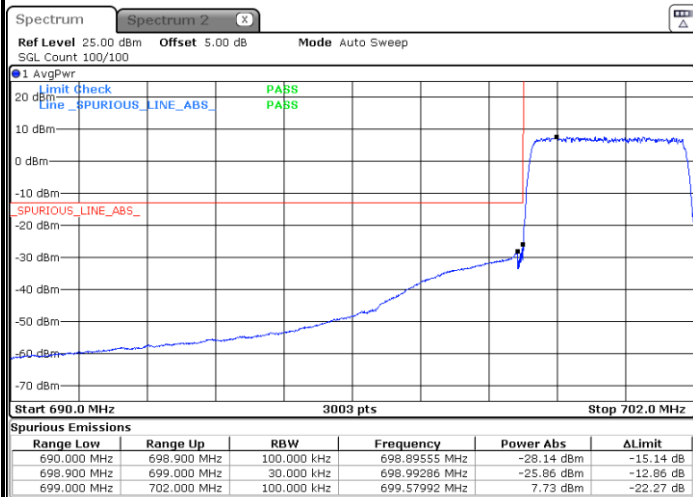
Date: 1.MAR.2024 01:52:43

Highest Band Edge / 1 RB



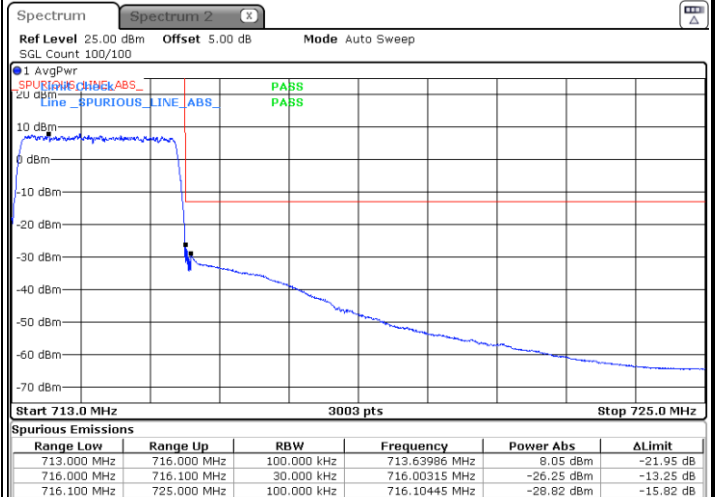
Date: 1.MAR.2024 02:02:02

Lowest Band Edge / Full RB



Date: 1.MAR.2024 01:56:47

Highest Band Edge / Full RB

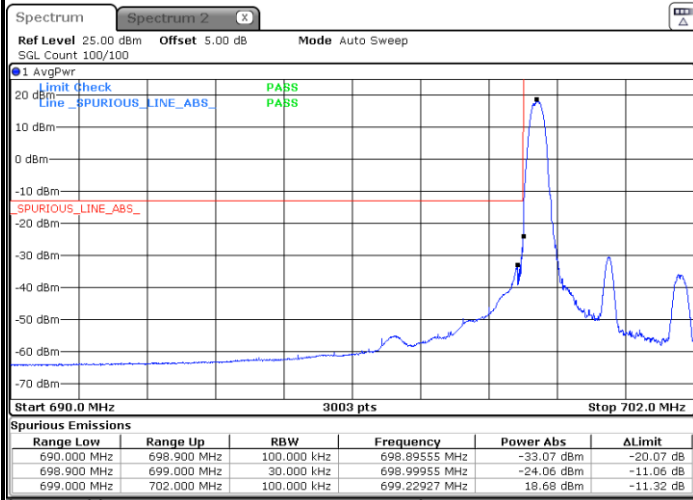


Date: 1.MAR.2024 02:06:08



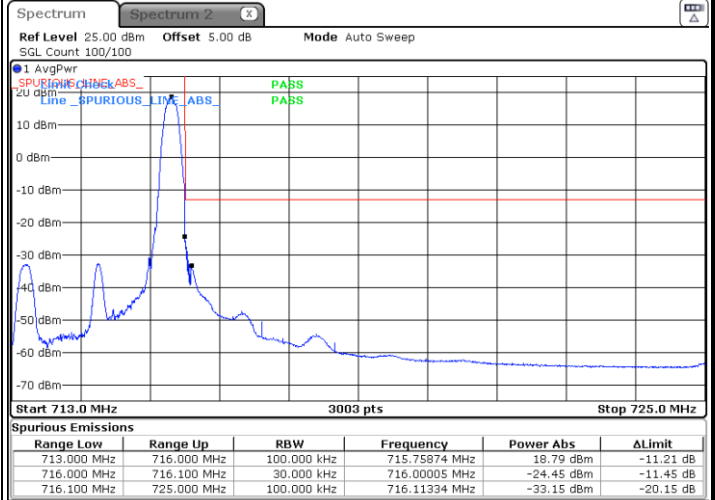
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



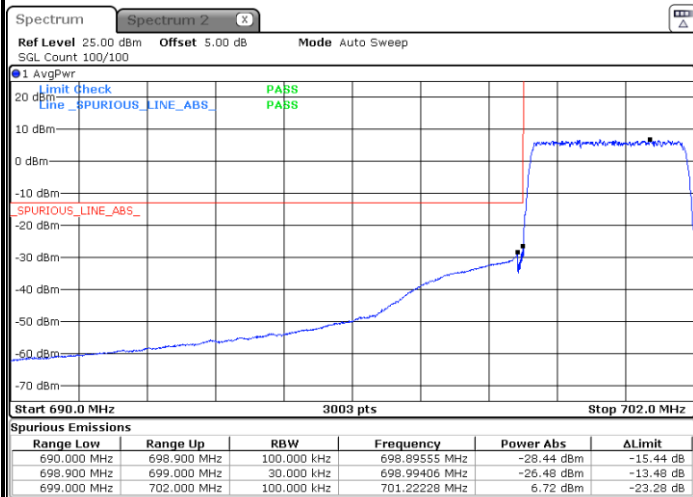
Date: 1.MAR.2024 01:53:31

Highest Band Edge / 1 RB



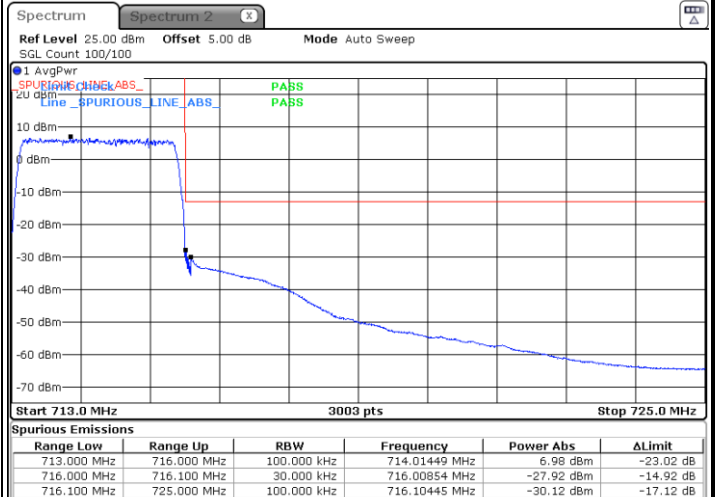
Date: 1.MAR.2024 02:02:50

Lowest Band Edge / Full RB



Date: 1.MAR.2024 01:55:59

Highest Band Edge / Full RB

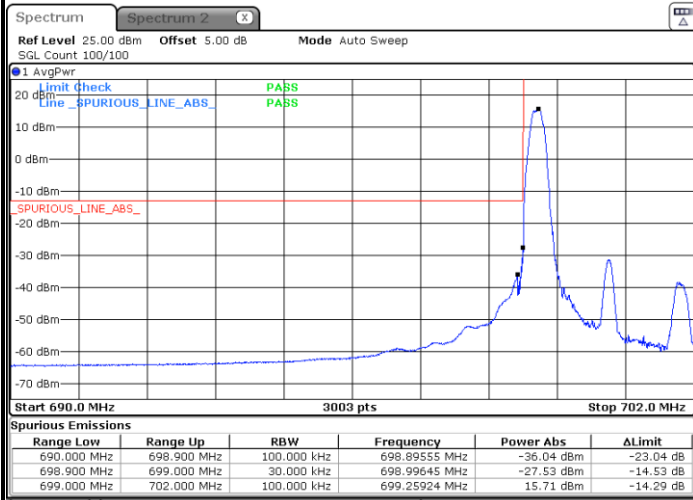


Date: 1.MAR.2024 02:05:21

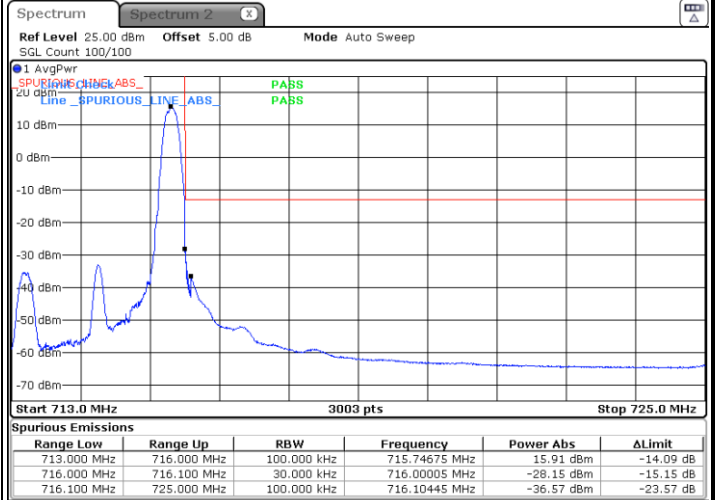


LTE Band 12 / 3MHz / 256QAM

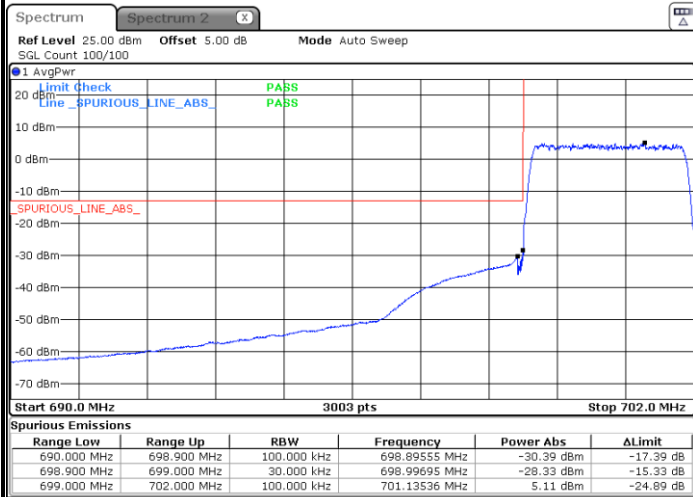
Lowest Band Edge / 1 RB



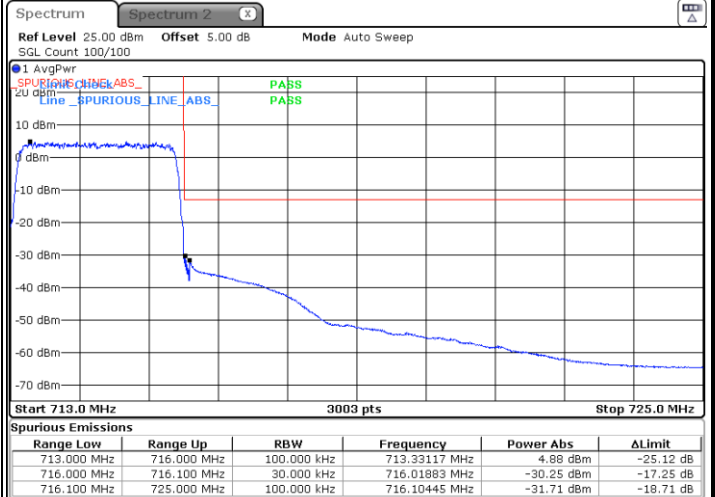
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



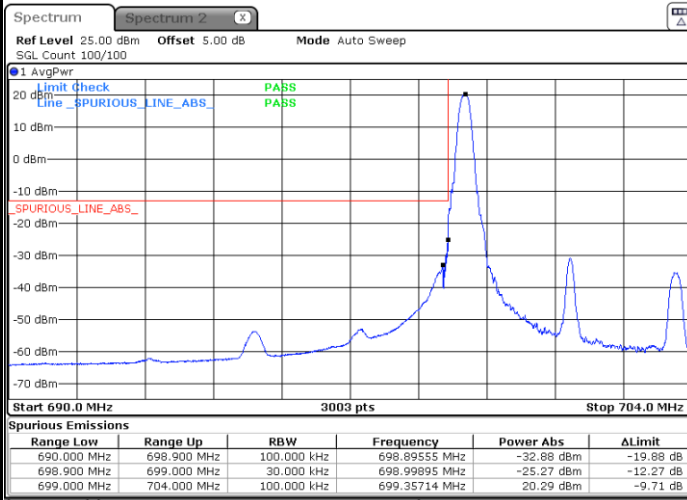
Highest Band Edge / Full RB



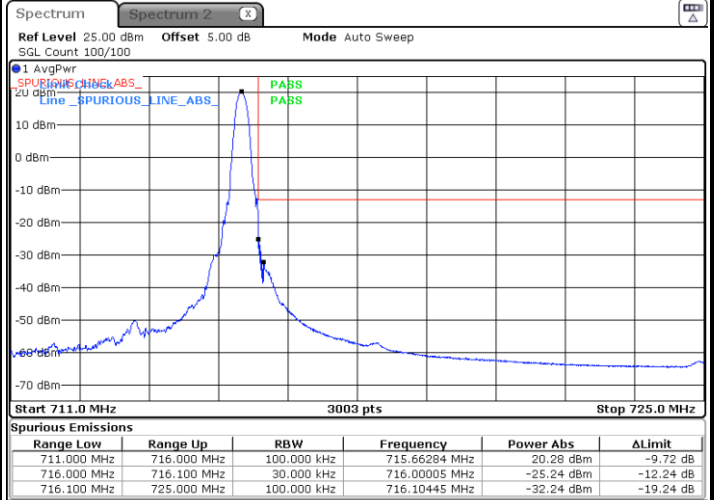


LTE Band 12 / 5MHz / QPSK

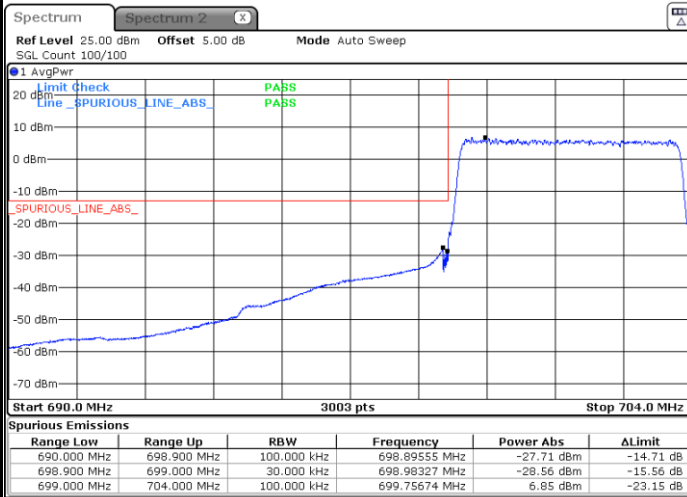
Lowest Band Edge / 1 RB



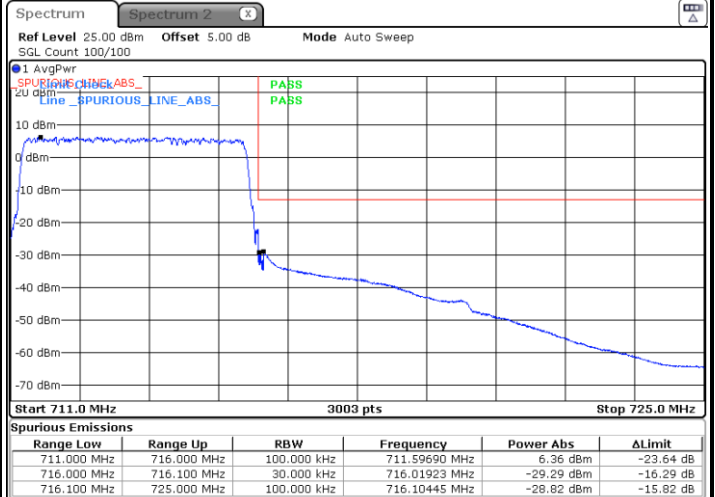
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



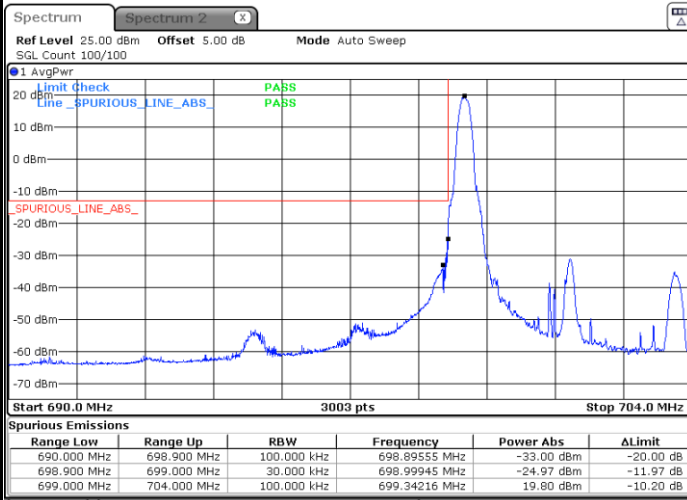
Highest Band Edge / Full RB





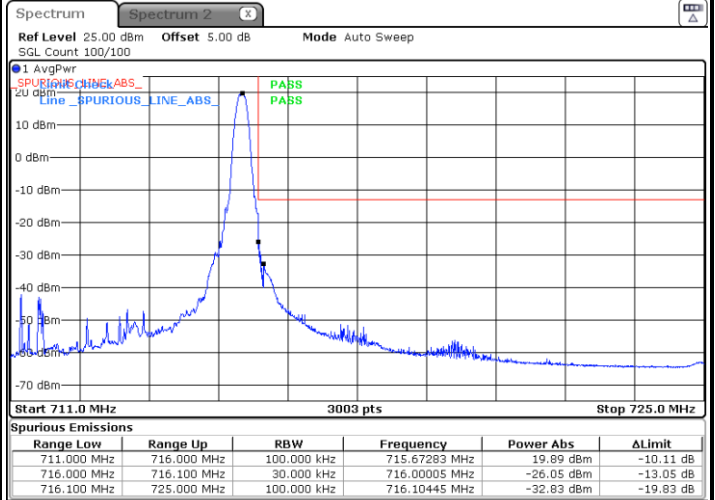
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



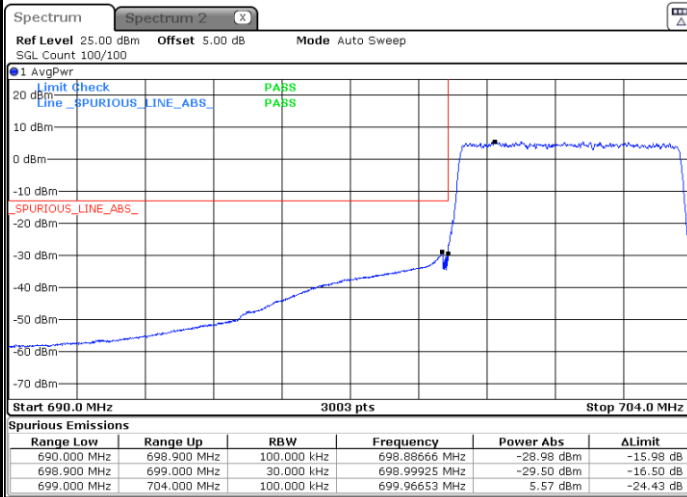
Date: 1.MAR.2024 02:13:44

Highest Band Edge / 1 RB



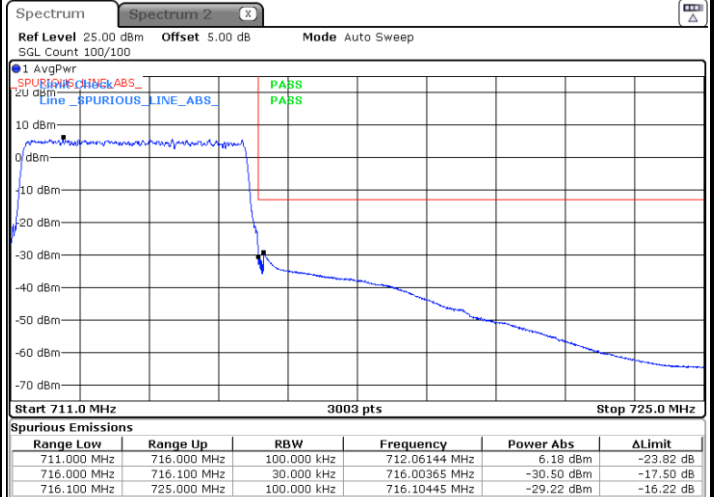
Date: 1.MAR.2024 02:32:24

Lowest Band Edge / Full RB



Date: 1.MAR.2024 02:17:44

Highest Band Edge / Full RB



Date: 1.MAR.2024 02:36:27