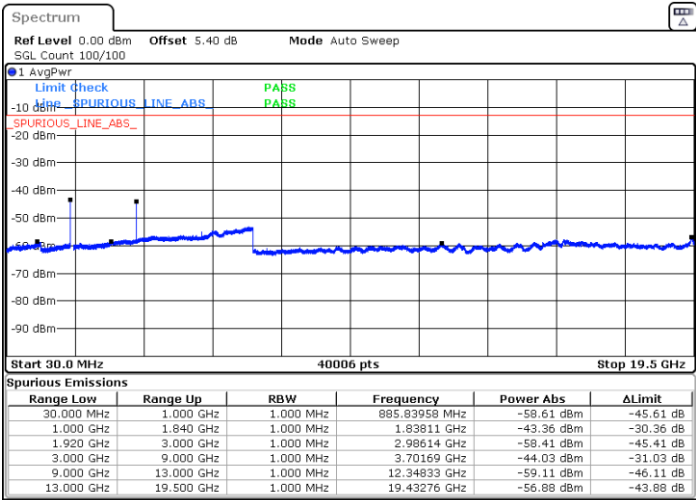




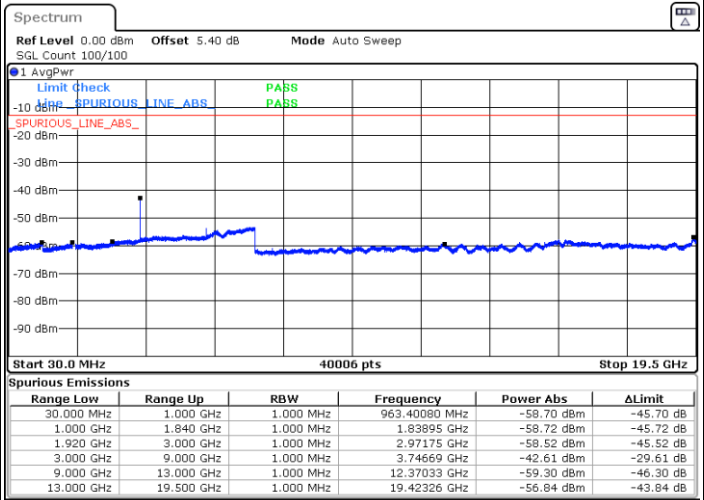
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

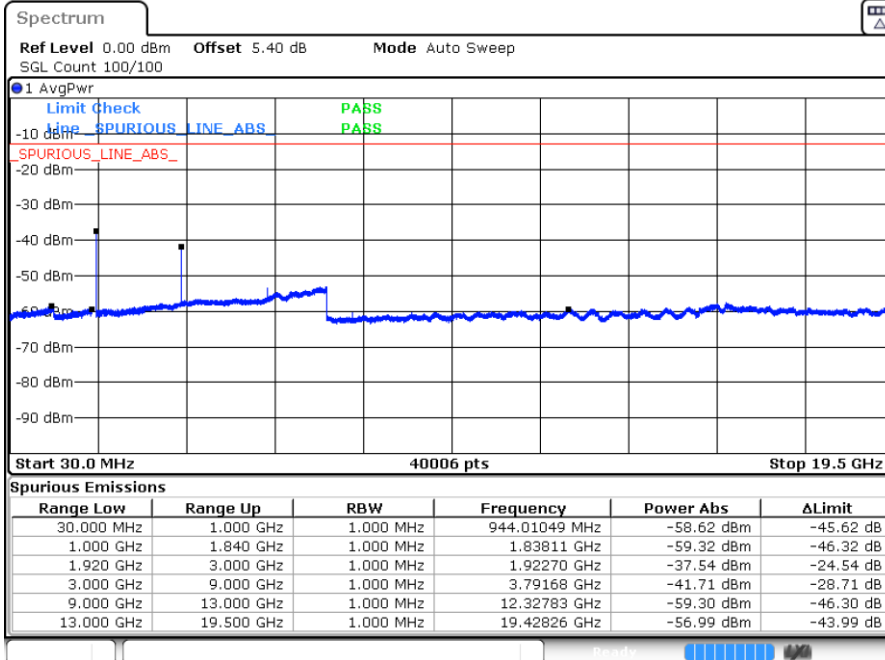


Date: 15 FEB 2023 21:41:09



Date: 15 FEB 2023 21:48:39

Highest Channel / QPSK



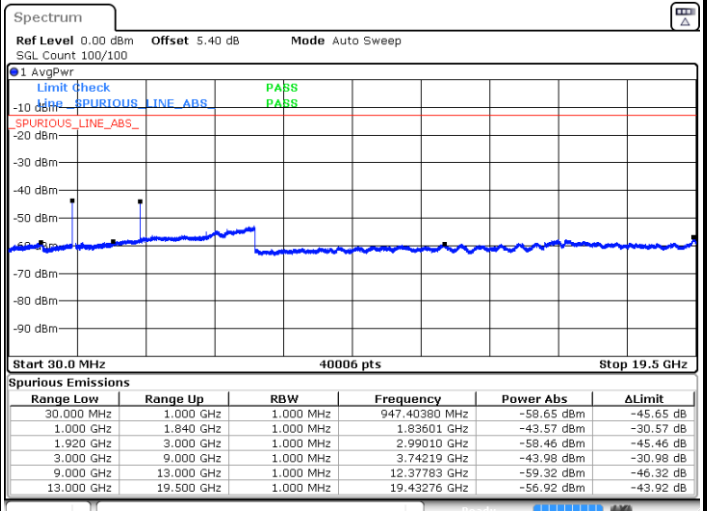
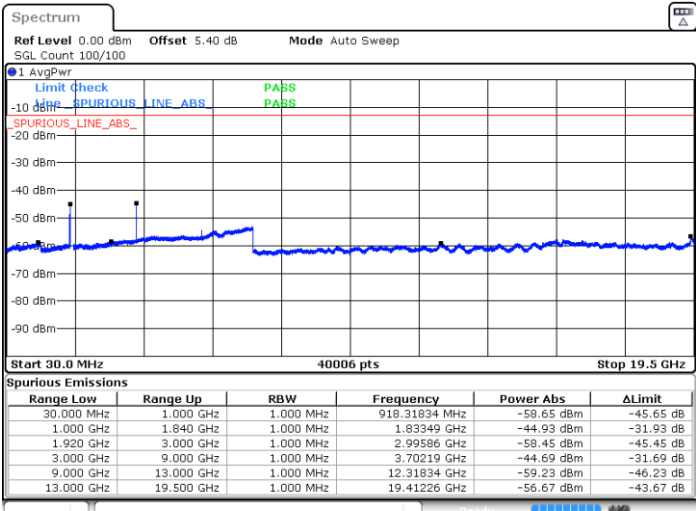
Date: 15.FEB.2023 21:49:58



LTE Band 2 / 20MHz

Lowest Channel / QPSK

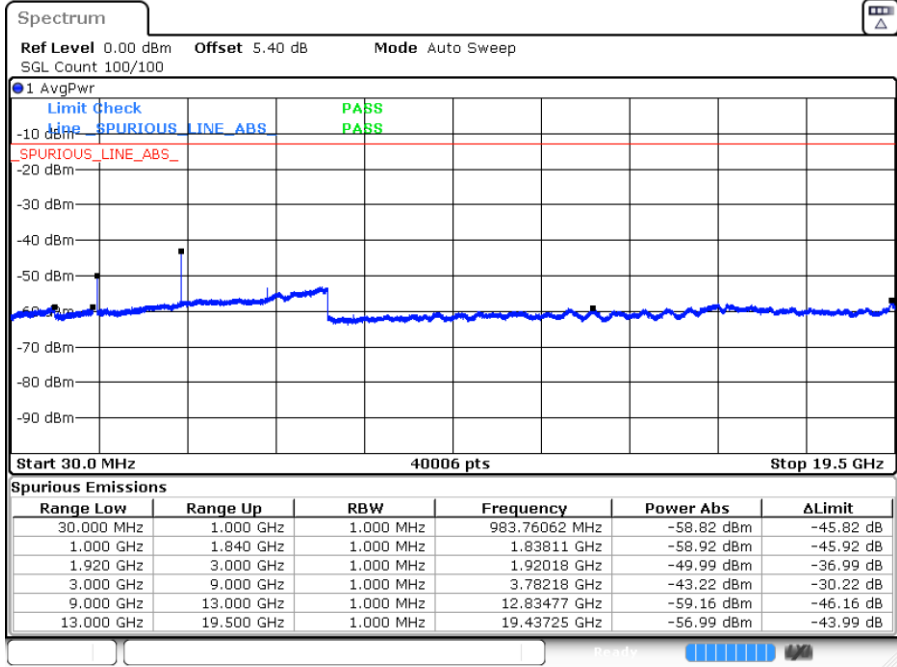
Middle Channel / QPSK



Date: 15 FEB 2023 21:56:47

Date: 15 FEB 2023 22:04:18

Highest Channel / QPSK



Date: 15.FEB.2023 22:05:37



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	0.0025	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0024	
20	End Point	0.0008	

Note:

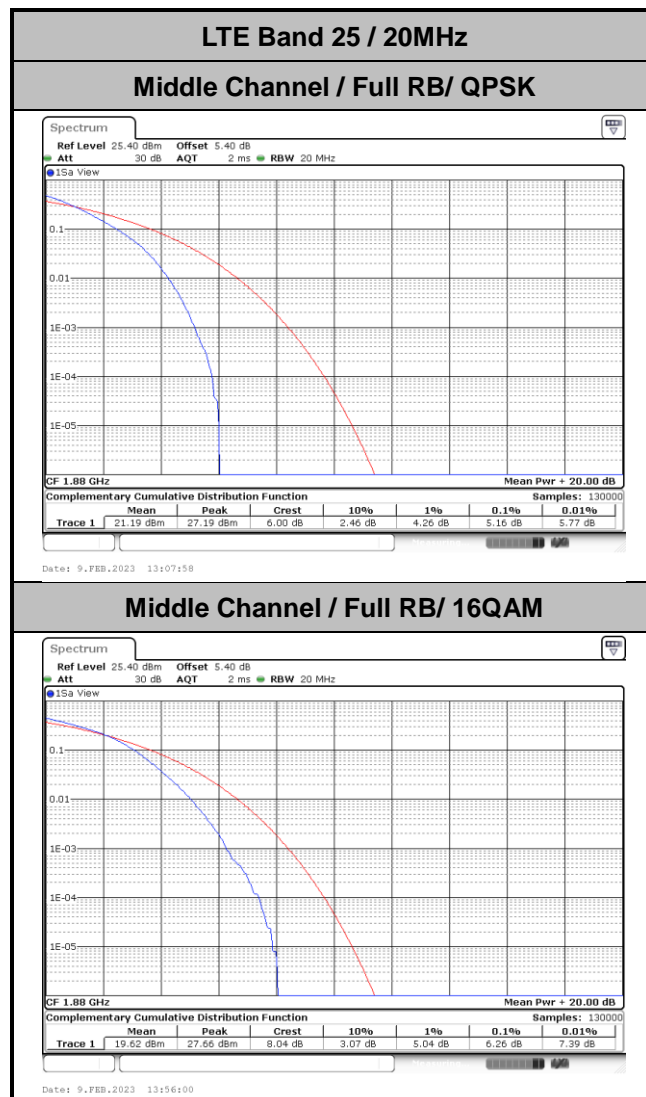
1. Normal Voltage = 3.8 V. ; End Point (BEP) =3.3 V. ; Maximum Voltage = 4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	6.26	PASS





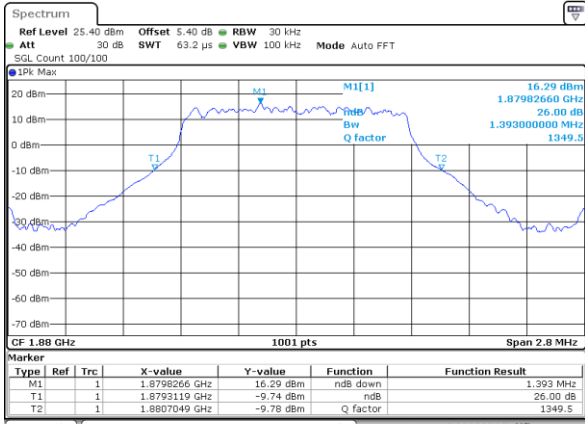
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.39	1.42
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.03	2.97
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.85	5.05
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	6.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	15.64	7.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.58	7.23



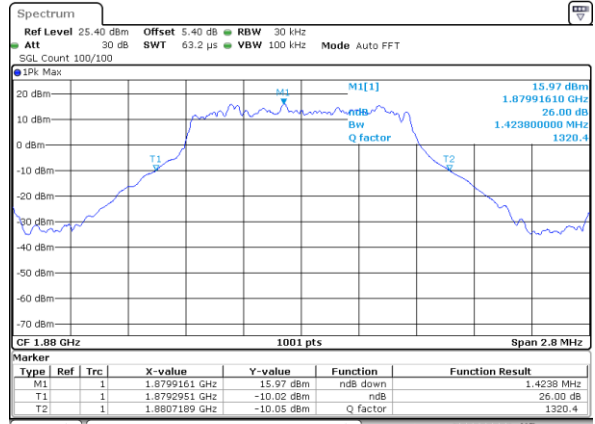
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 9.FEB.2023 10:10:08

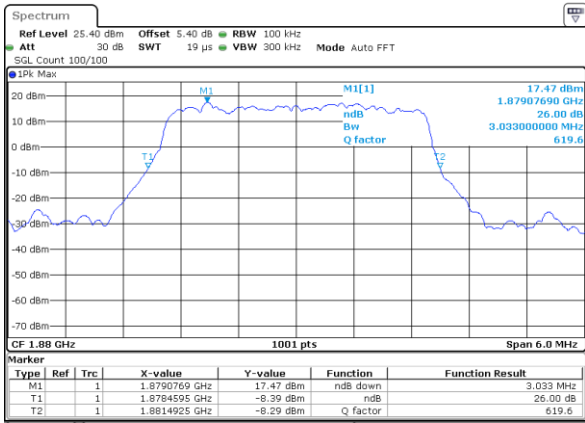
Middle Channel / 1.4MHz / 16QAM



Date: 9.FEB.2023 10:10:29

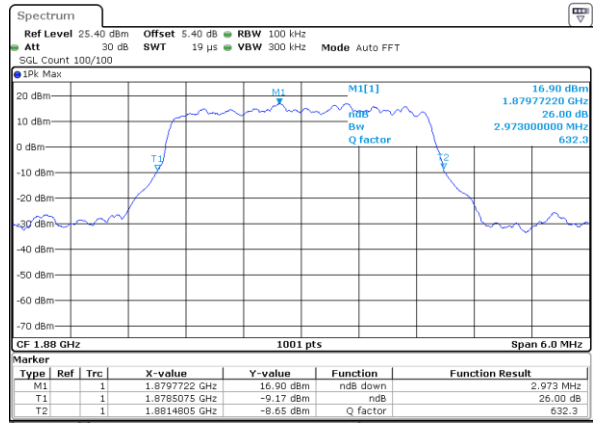
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 9.FEB.2023 10:29:07

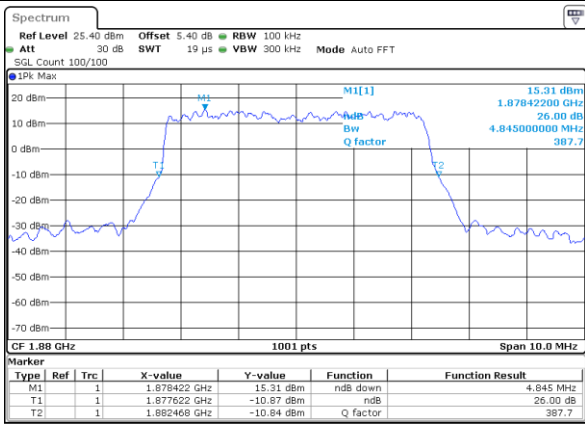
Middle Channel / 3MHz / 16QAM



Date: 9.FEB.2023 10:29:50

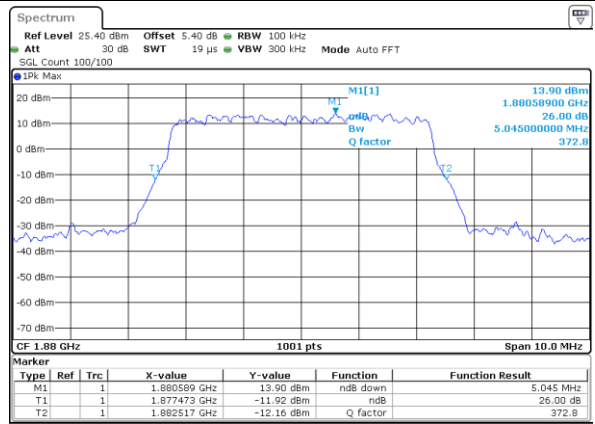
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 9.FEB.2023 10:49:27

Middle Channel / 5MHz / 16QAM

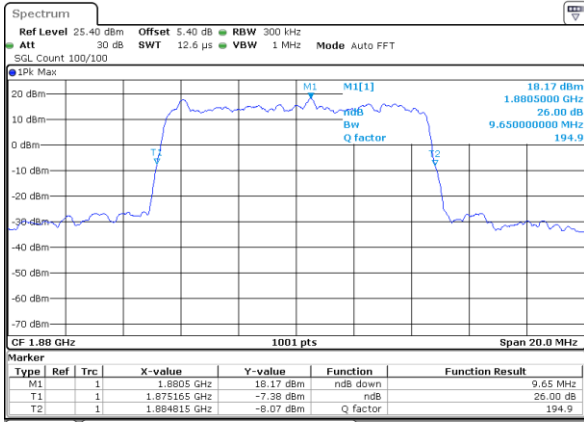


Date: 9.FEB.2023 10:49:49



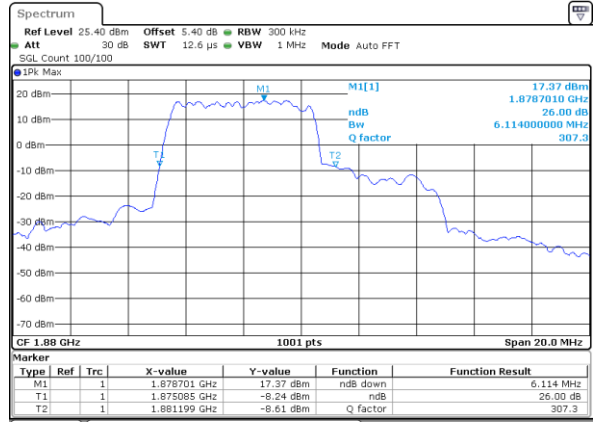
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 9.FEB.2023 11:08:25

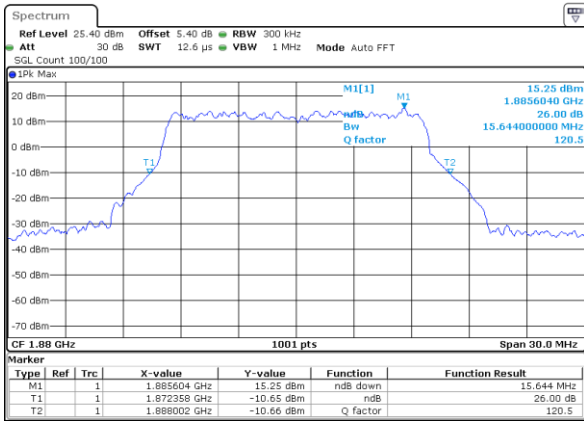
Middle Channel / 10MHz / 16QAM



Date: 9.FEB.2023 13:45:18

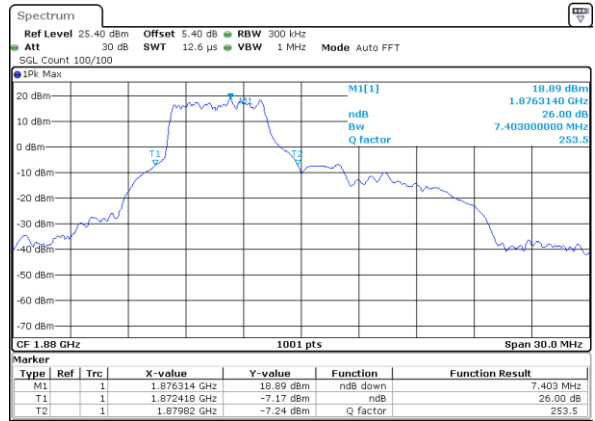
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 9.FEB.2023 12:51:21

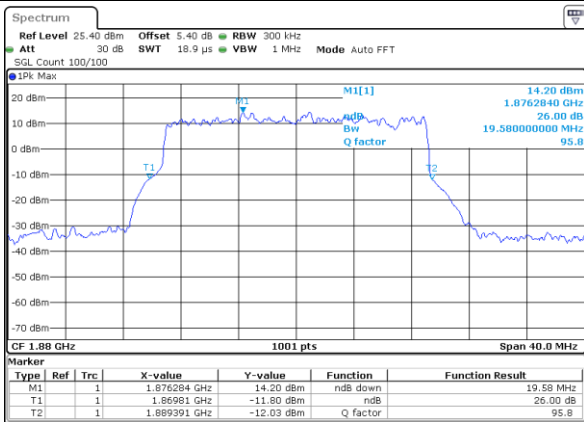
Middle Channel / 15MHz / 16QAM



Date: 9.FEB.2023 13:51:13

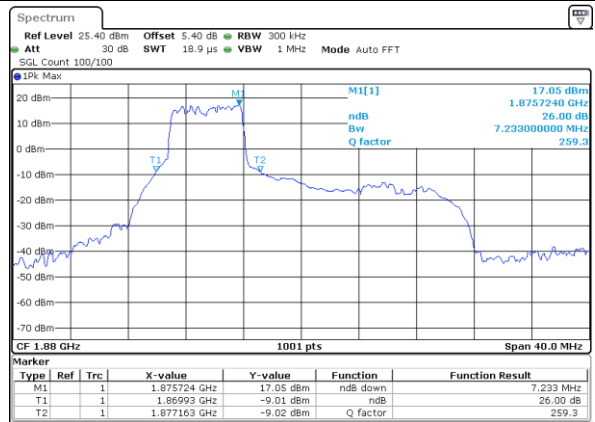
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 9.FEB.2023 13:02:52

Middle Channel / 20MHz / 16QAM



Date: 9.FEB.2023 13:54:54



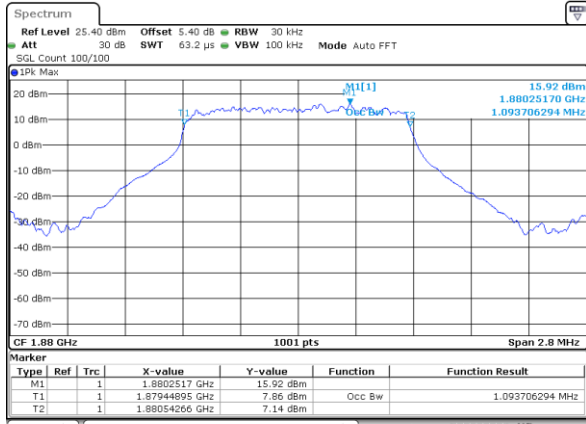
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.74	2.69
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.47	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	5.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	5.60
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.78	5.19



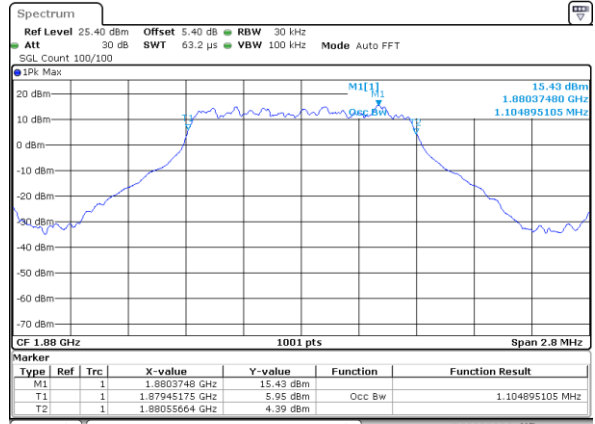
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 9.FEB.2023 10:09:46

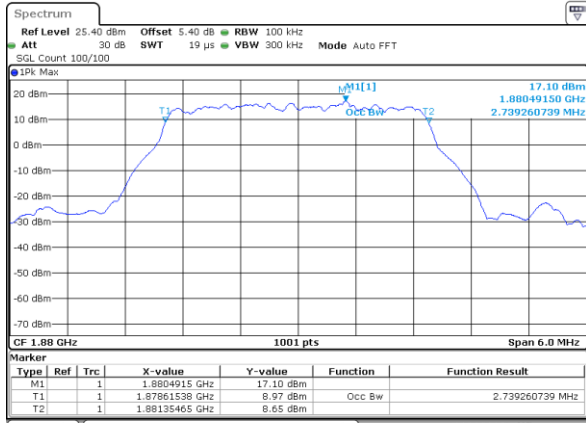
Middle Channel / 1.4MHz / 16QAM



Date: 9.FEB.2023 10:10:51

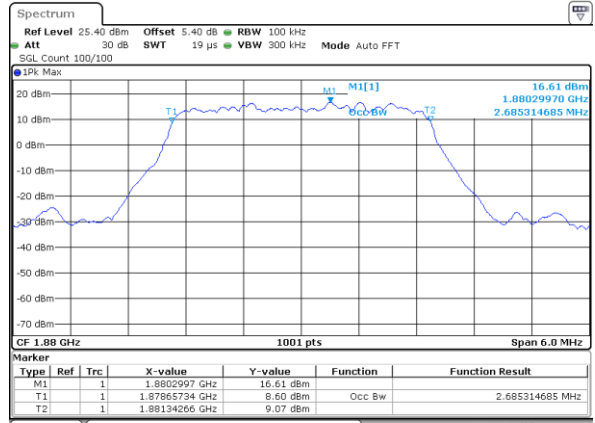
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 9.FEB.2023 10:28:46

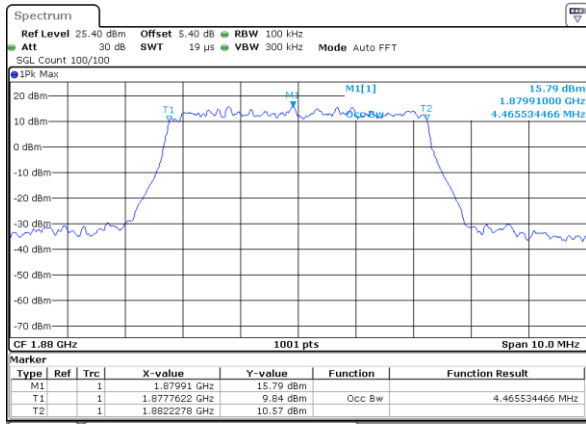
Middle Channel / 3MHz / 16QAM



Date: 9.FEB.2023 10:29:29

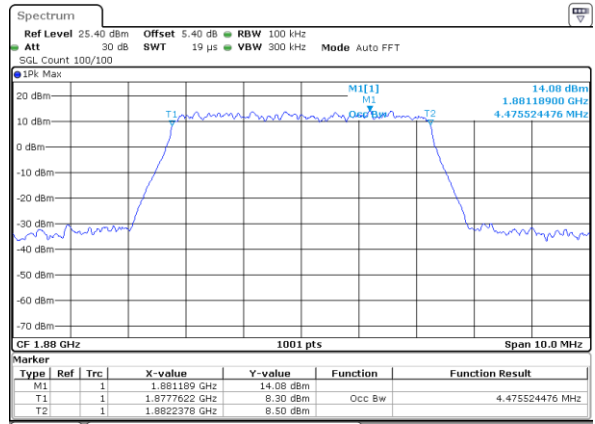
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 9.FEB.2023 10:49:06

Middle Channel / 5MHz / 16QAM

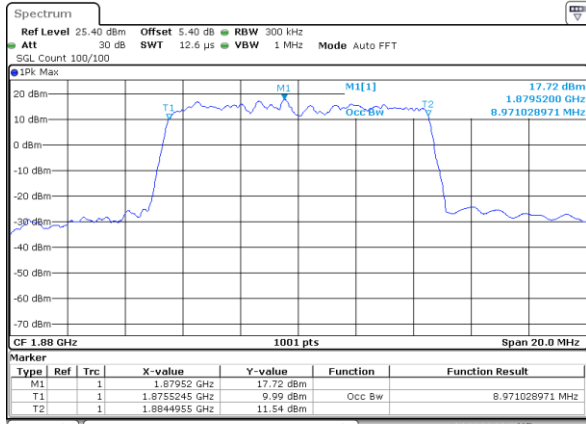


Date: 9.FEB.2023 10:50:11



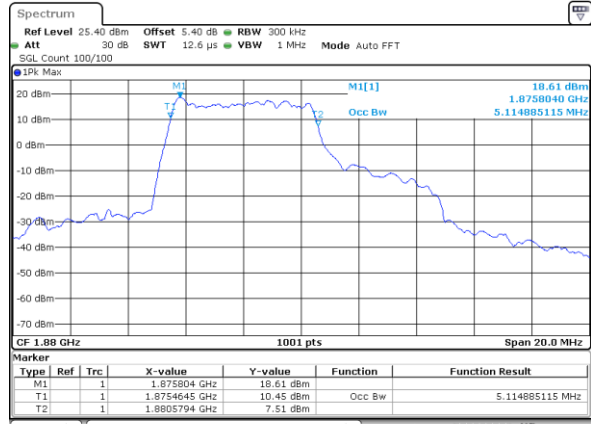
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 9.FEB.2023 11:08:04

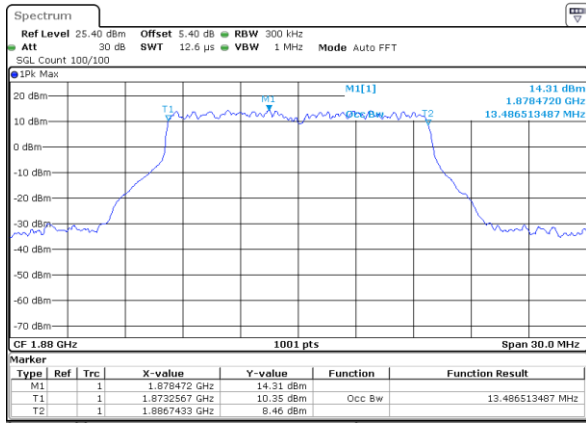
Middle Channel / 10MHz / 16QAM



Date: 9.FEB.2023 13:44:44

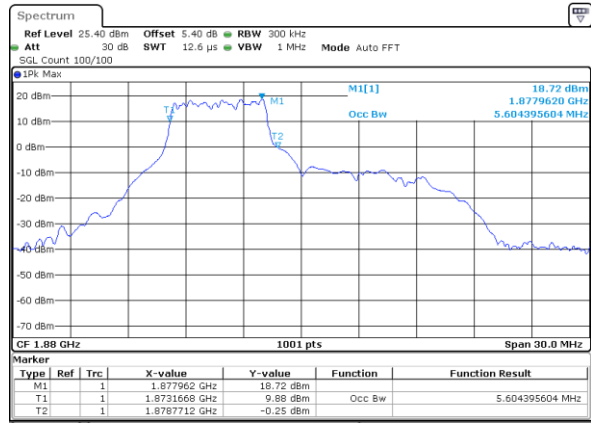
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 9.FEB.2023 12:51:00

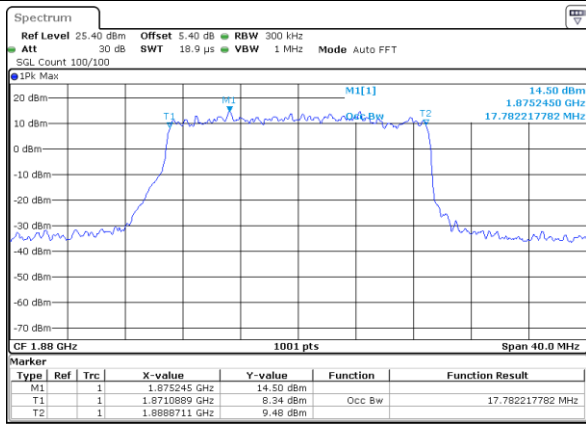
Middle Channel / 15MHz / 16QAM



Date: 9.FEB.2023 13:50:59

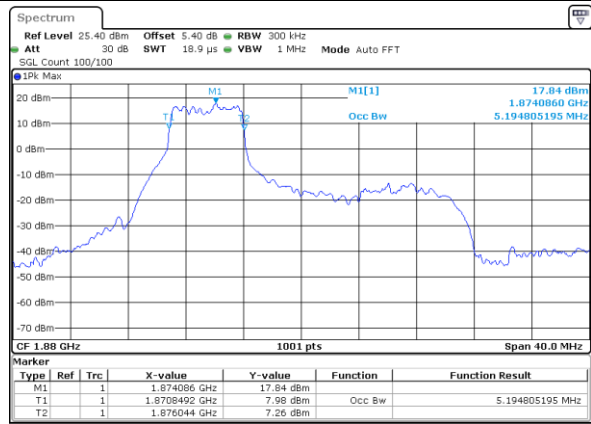
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 9.FEB.2023 13:02:30

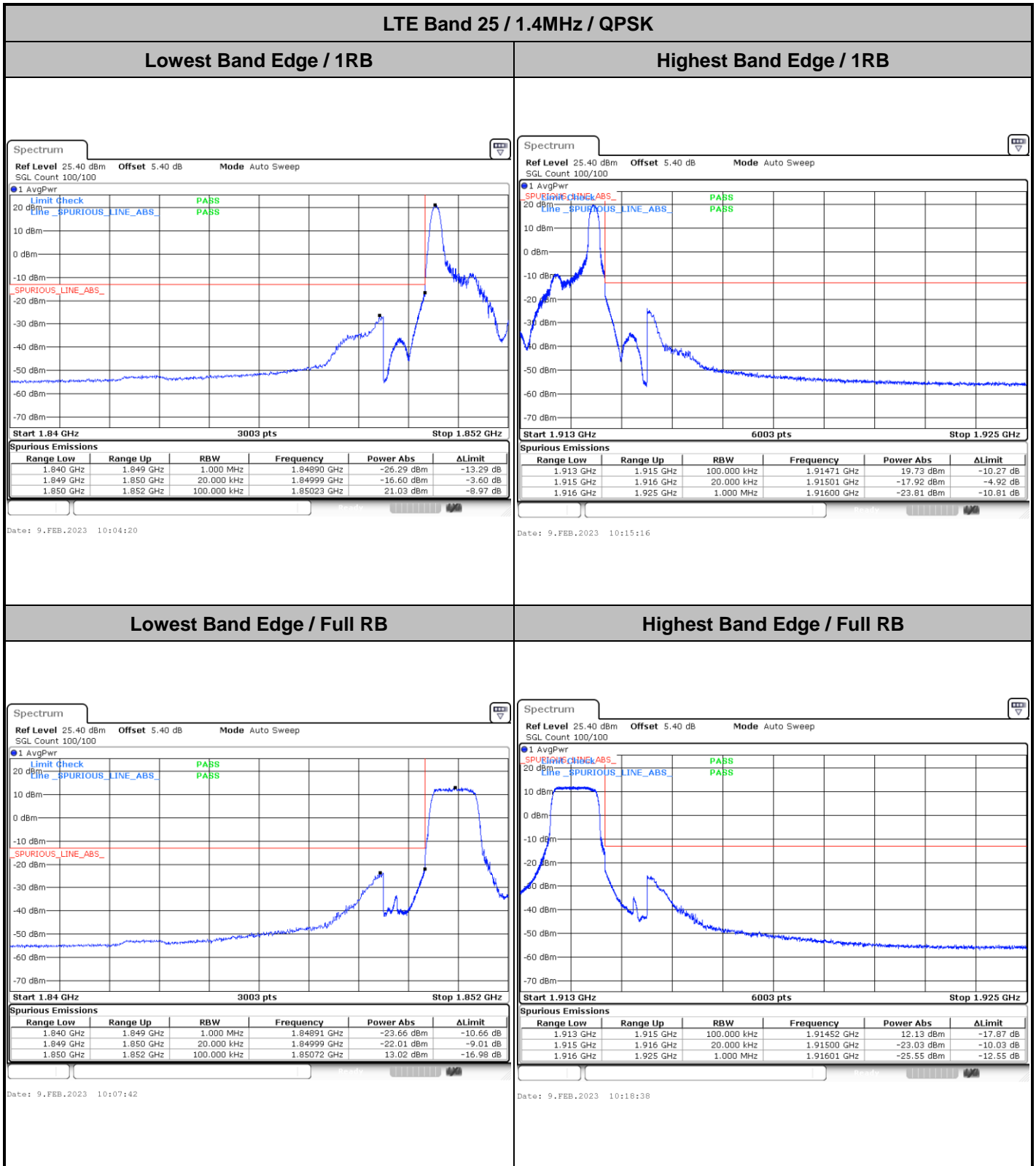
Middle Channel / 20MHz / 16QAM



Date: 9.FEB.2023 13:54:43



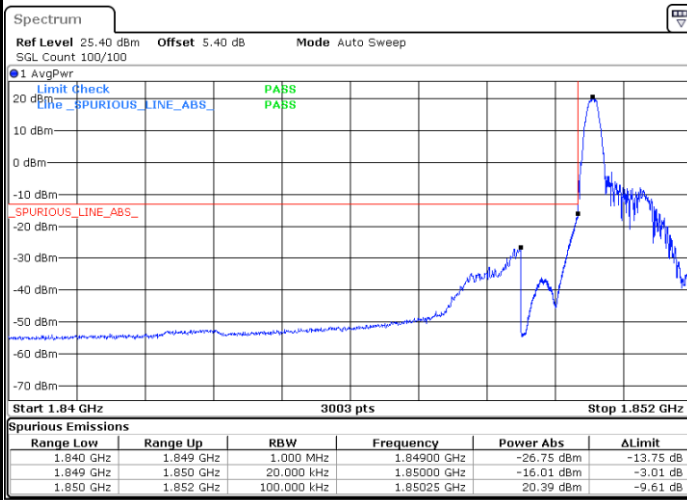
Conducted Band Edge





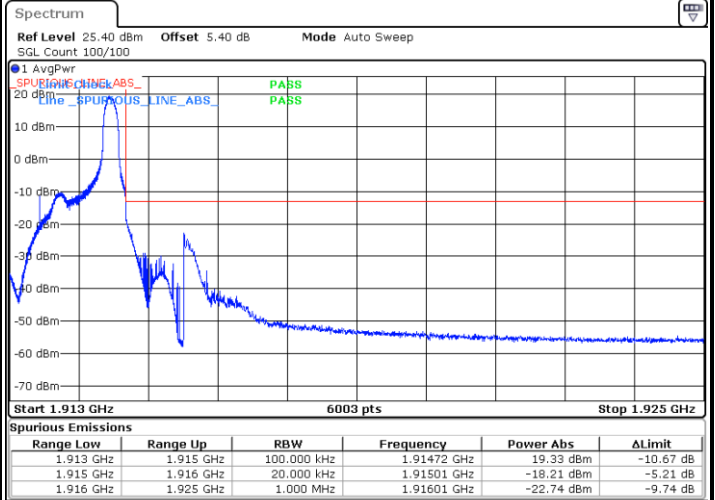
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



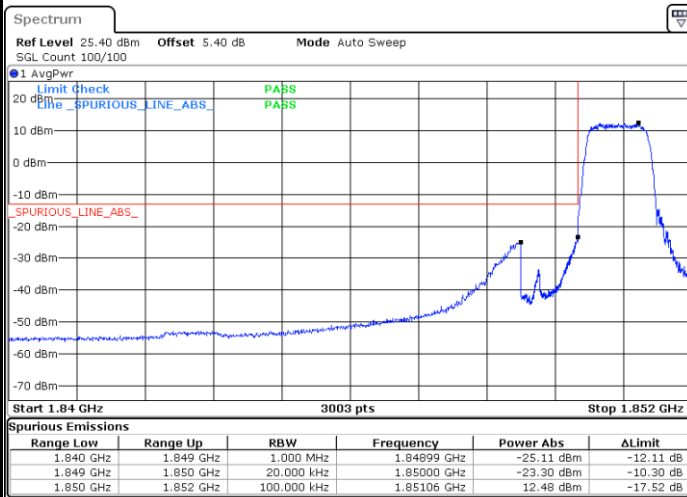
Date: 9.FEB.2023 10:06:01

Highest Band Edge / 1 RB



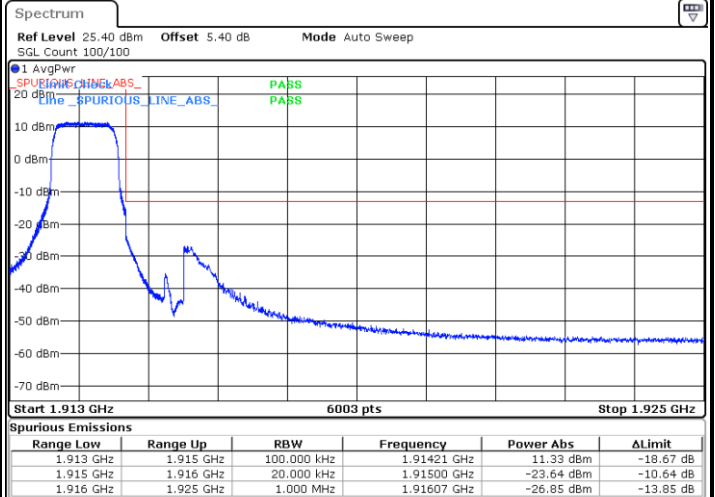
Date: 9.FEB.2023 10:16:57

Lowest Band Edge / Full RB



Date: 9.FEB.2023 10:09:23

Highest Band Edge / Full RB



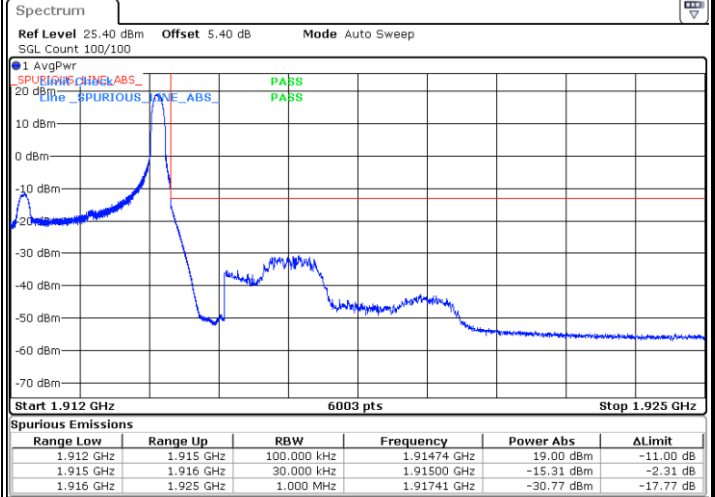
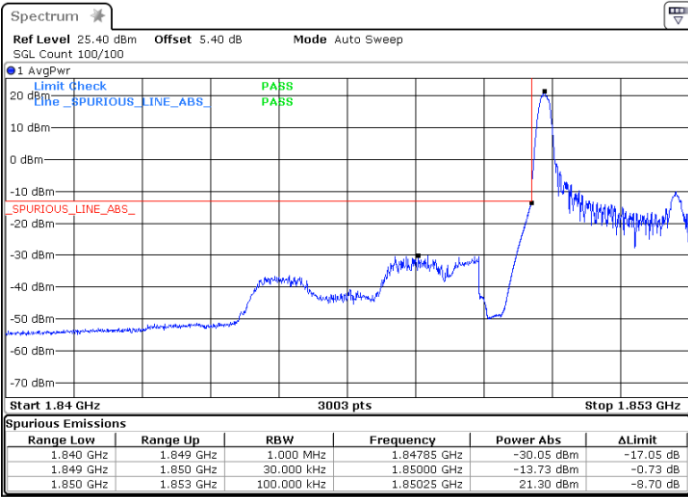
Date: 9.FEB.2023 10:20:19



LTE Band 25 / 3MHz / QPSK

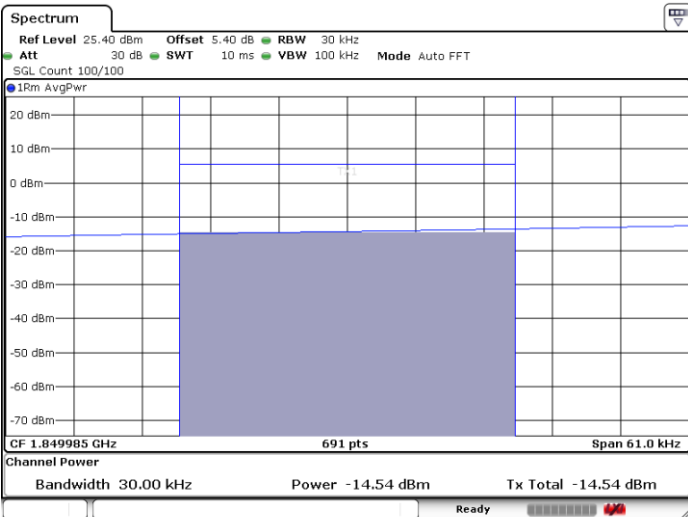
Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



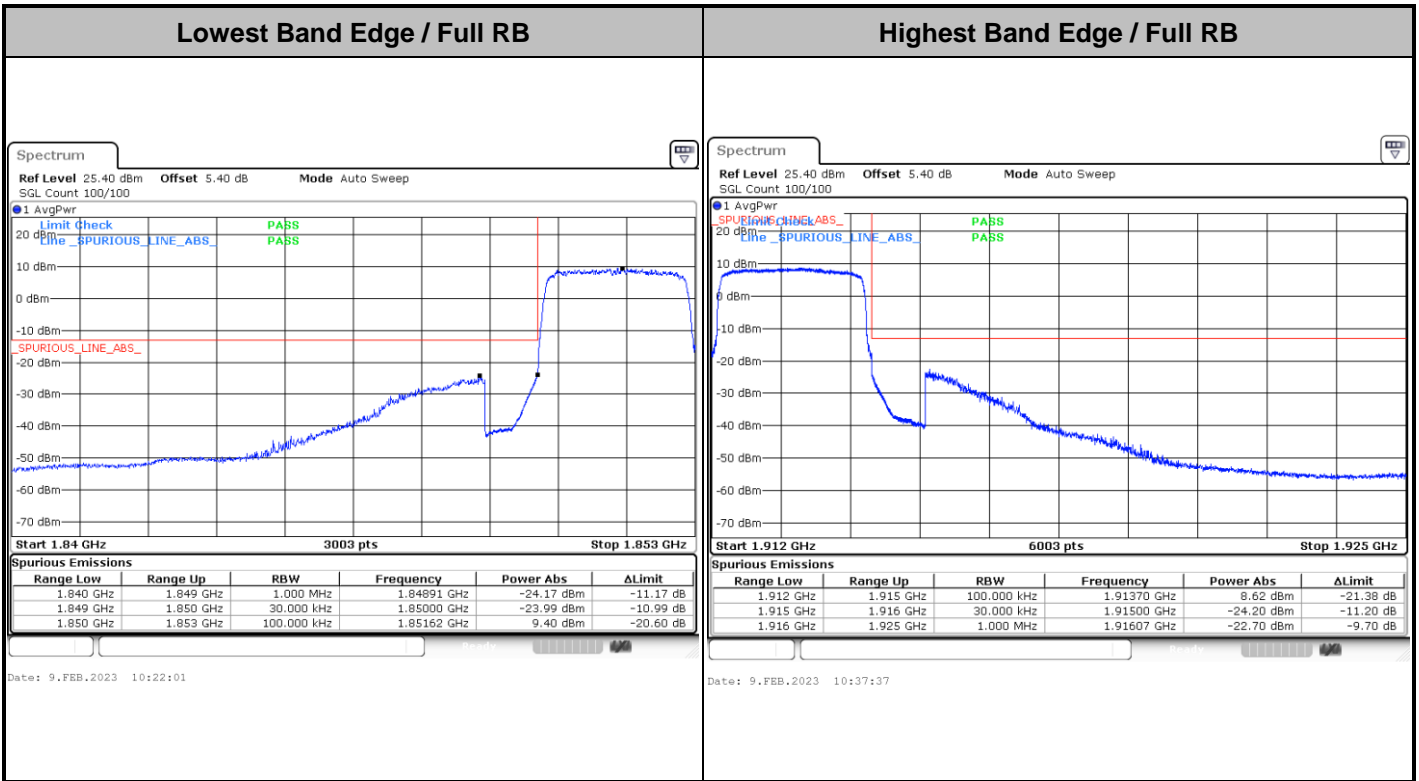
Date: 9.FEB.2023 13:22:59

Date: 9.FEB.2023 10:34:15



N/A

Date: 9.FEB.2023 15:14:48

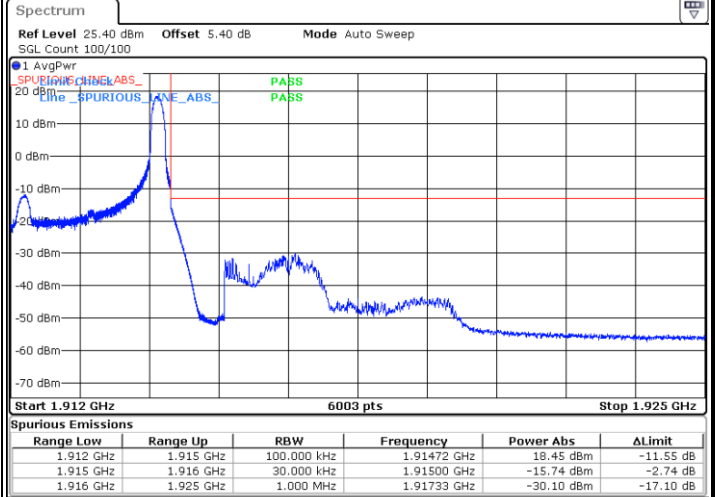
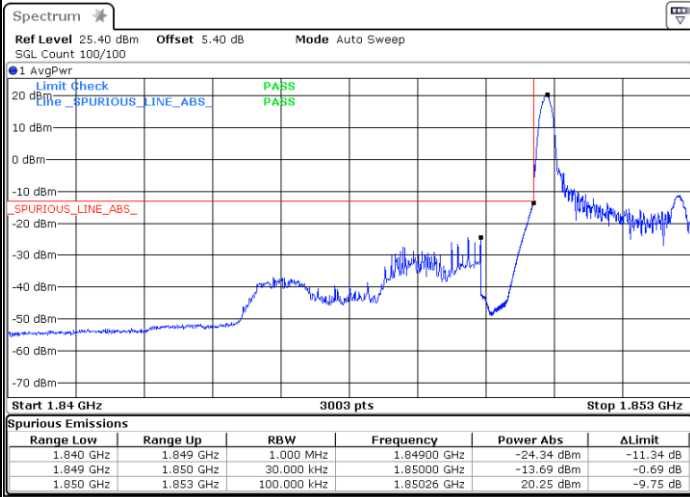




LTE Band 25 / 3MHz / 16QAM

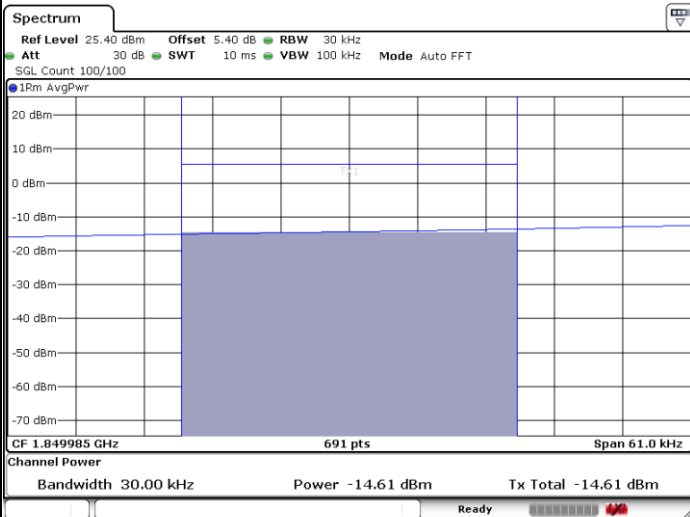
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



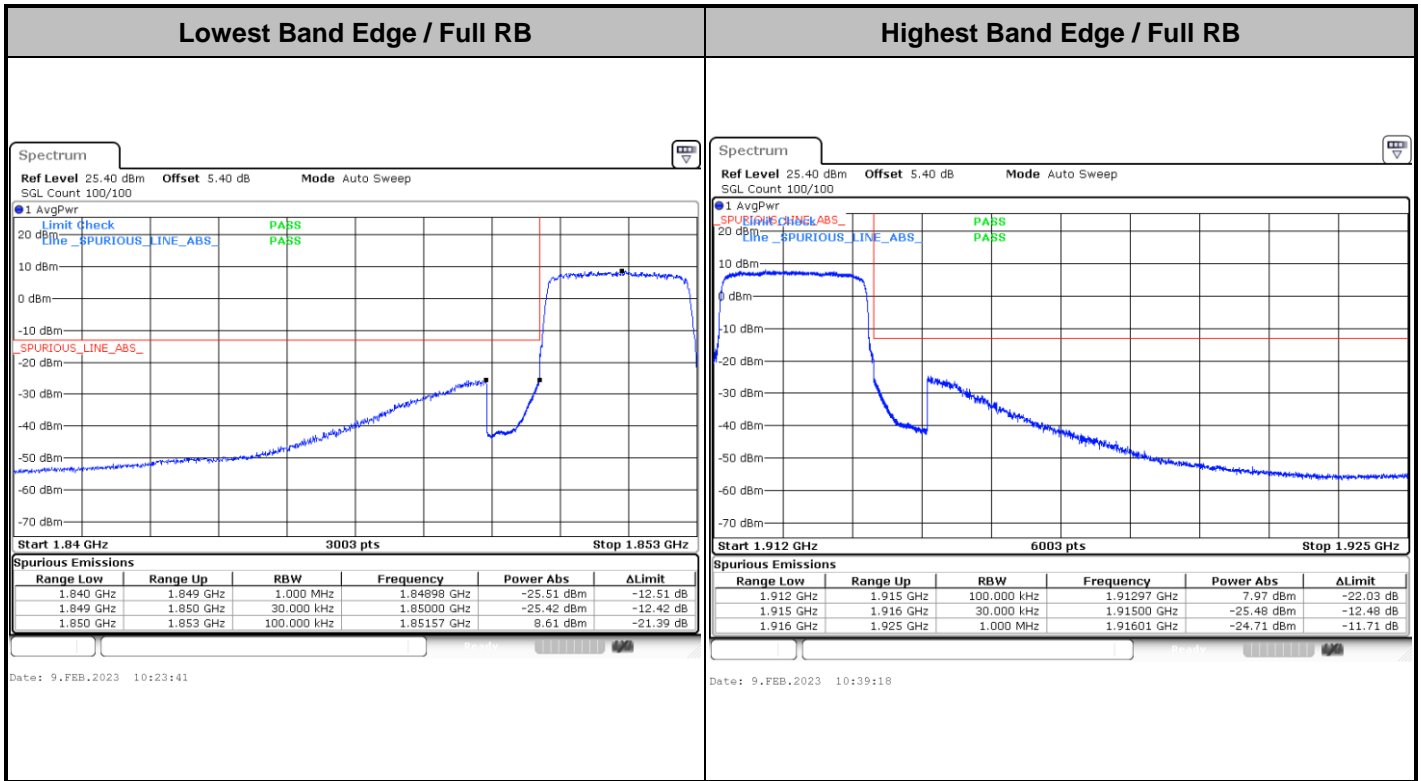
Date: 9.FEB.2023 13:20:26

Date: 9.FEB.2023 13:14:23



N/A

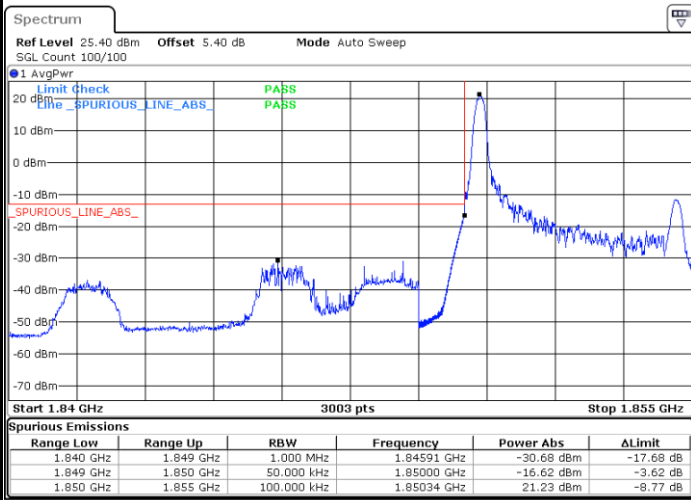
Date: 9.FEB.2023 15:14:07





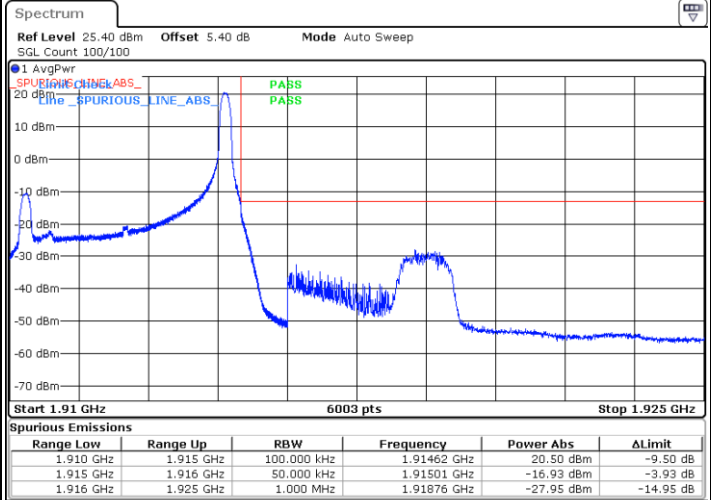
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



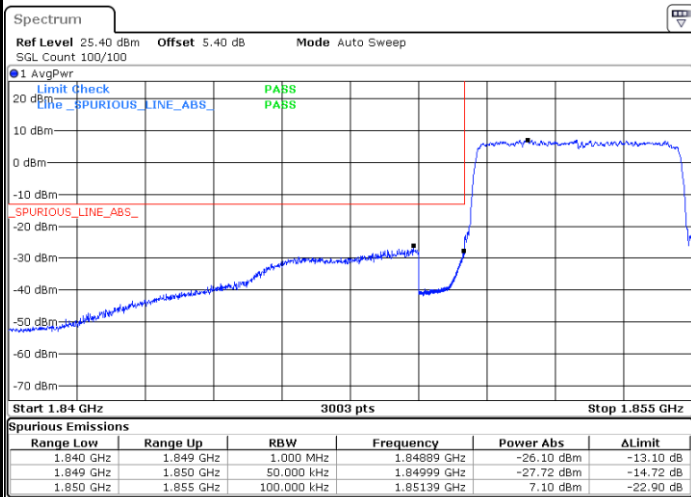
Date: 9.FEB.2023 10:45:41

Highest Band Edge / 1 RB



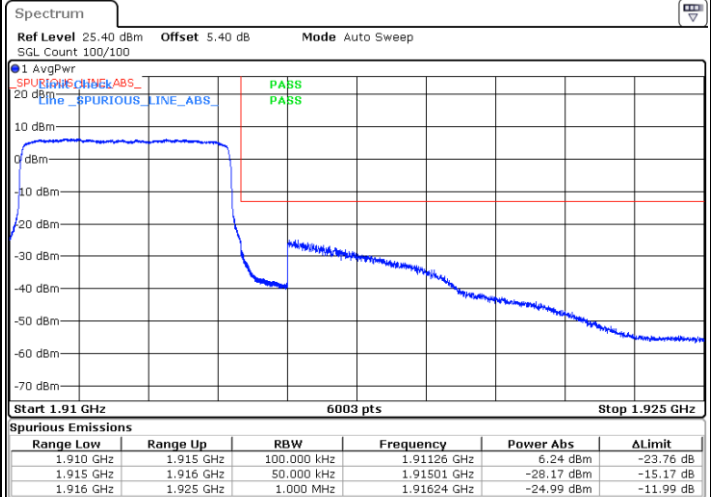
Date: 9.FEB.2023 10:56:36

Lowest Band Edge / Full RB



Date: 9.FEB.2023 10:40:59

Highest Band Edge / Full RB

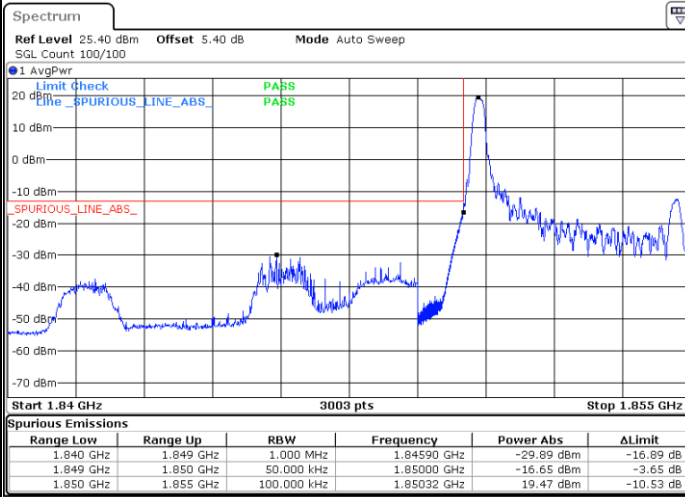


Date: 9.FEB.2023 10:53:14



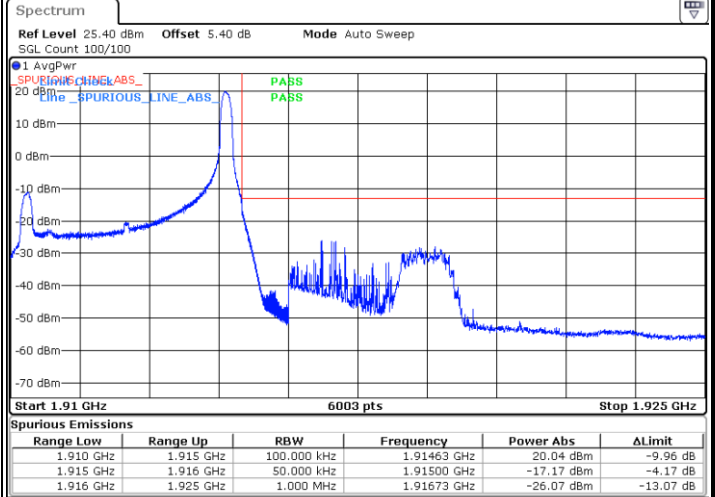
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



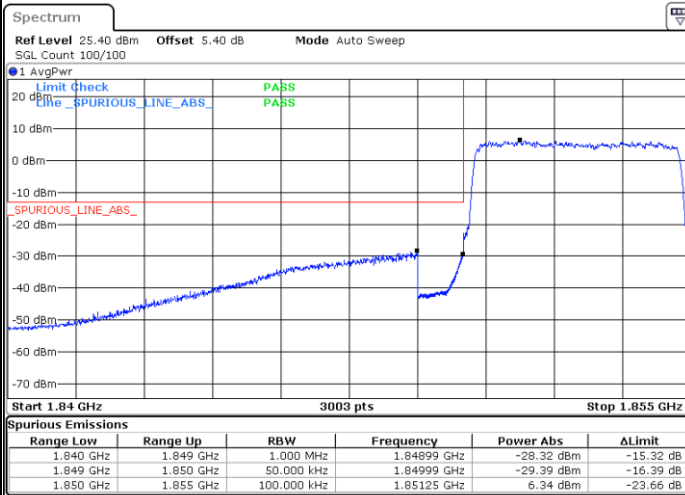
Date: 9.FEB.2023 10:47:22

Highest Band Edge / 1 RB



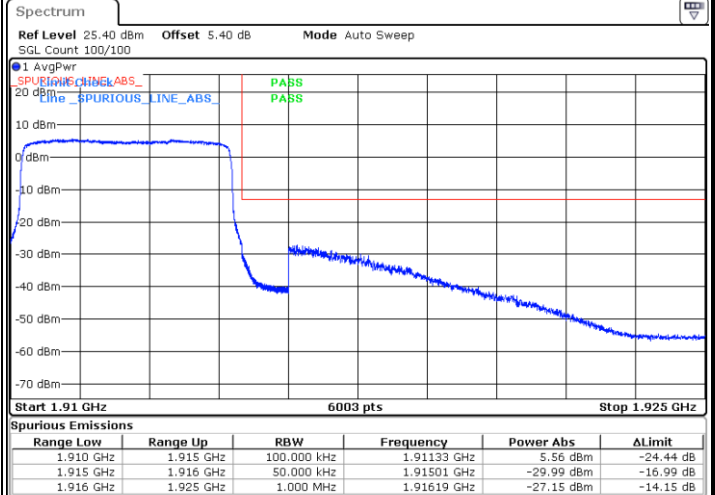
Date: 9.FEB.2023 10:56:16

Lowest Band Edge / Full RB



Date: 9.FEB.2023 10:42:39

Highest Band Edge / Full RB

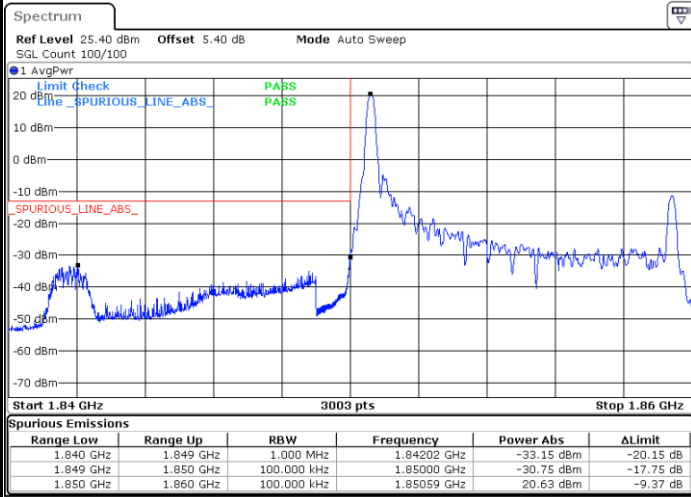


Date: 9.FEB.2023 10:54:54



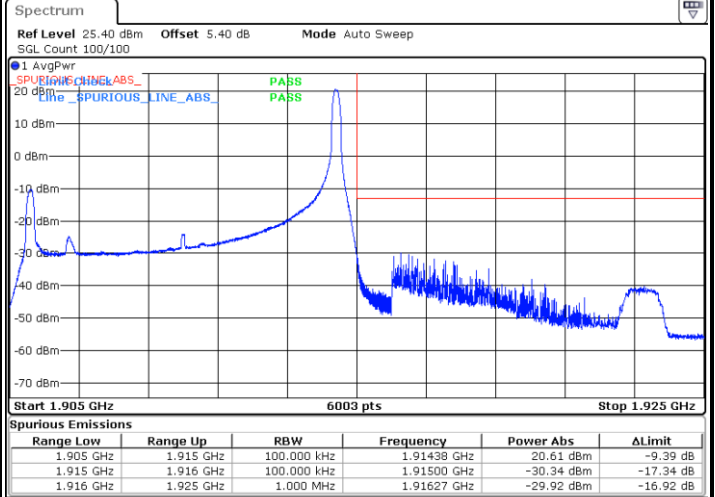
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



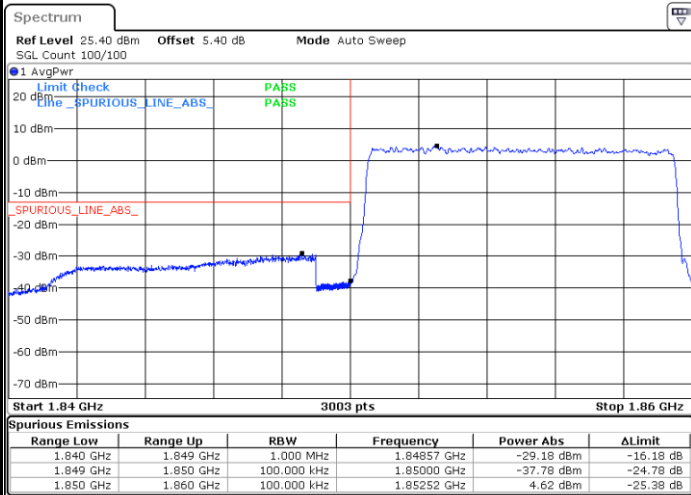
Date: 9.FEB.2023 11:03:18

Highest Band Edge / 1 RB



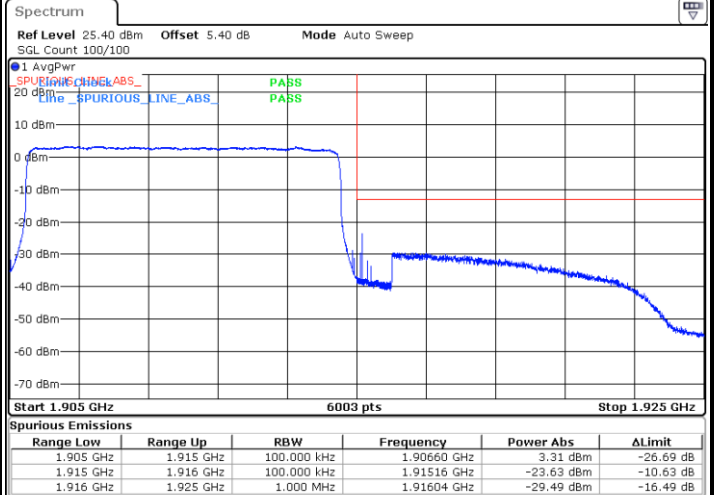
Date: 9.FEB.2023 11:15:33

Lowest Band Edge / Full RB



Date: 9.FEB.2023 10:59:57

Highest Band Edge / Full RB

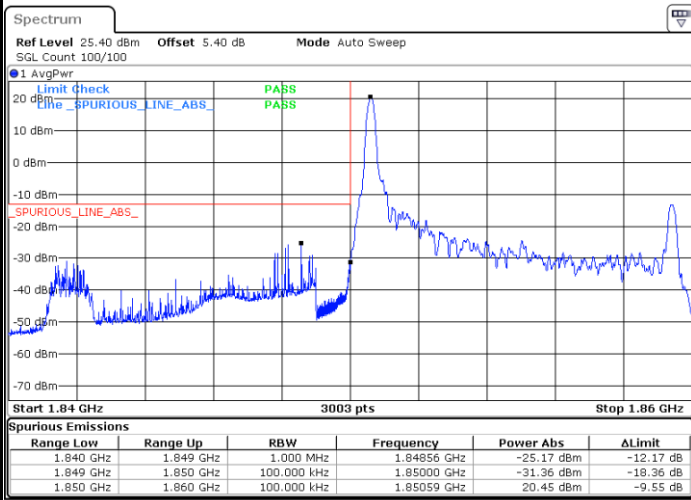


Date: 9.FEB.2023 11:12:12



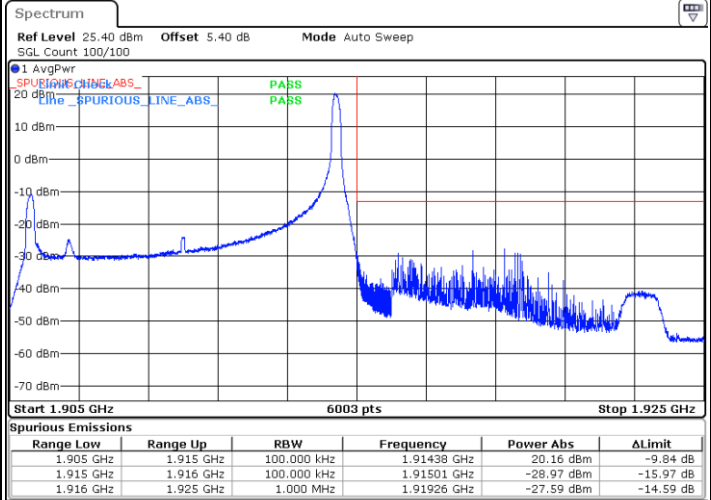
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



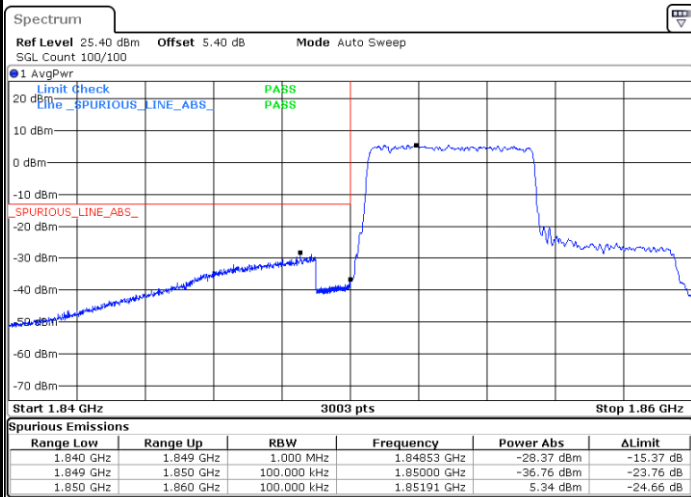
Date: 9.FEB.2023 11:06:20

Highest Band Edge / 1 RB



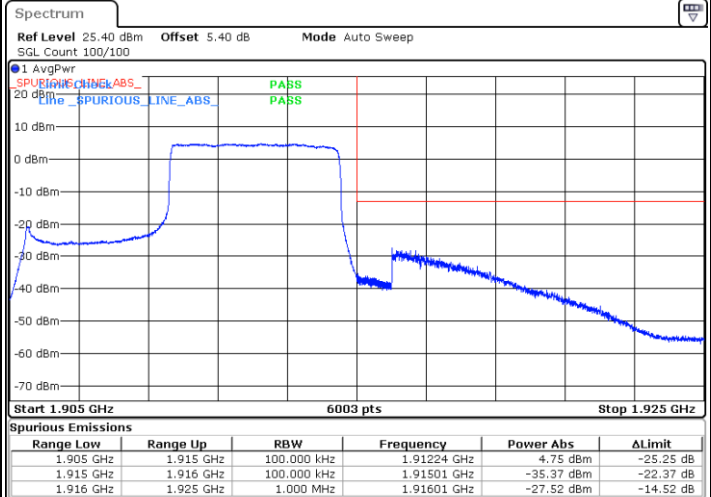
Date: 9.FEB.2023 11:17:14

Lowest Band Edge / Full RB



Date: 9.FEB.2023 13:47:12

Highest Band Edge / Full RB

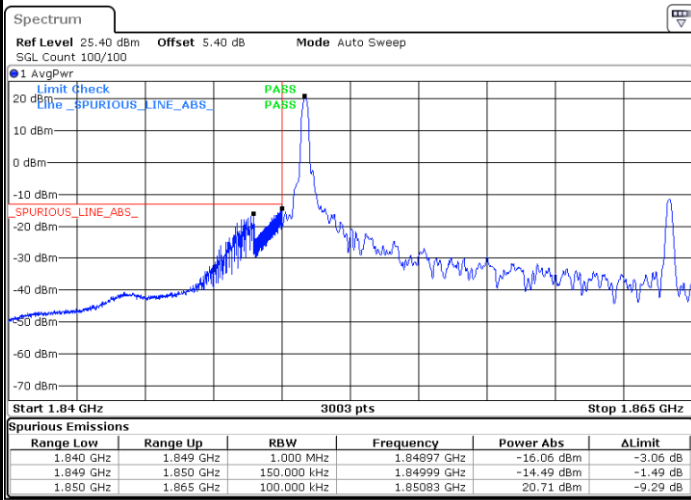


Date: 9.FEB.2023 13:49:00



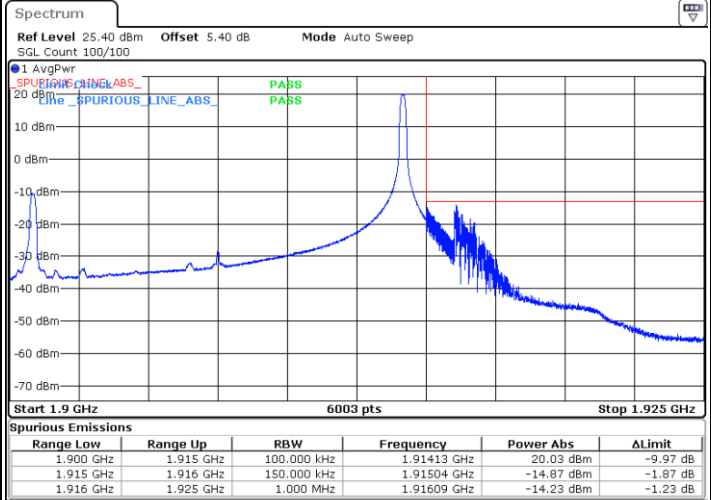
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



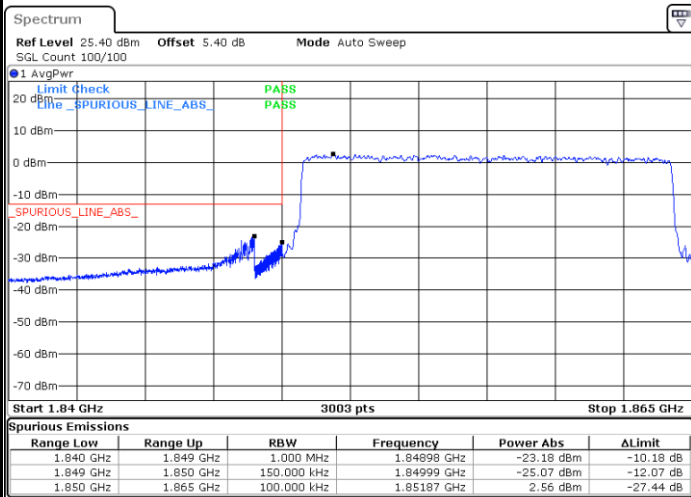
Date: 9.FEB.2023 13:09:45

Highest Band Edge / 1 RB



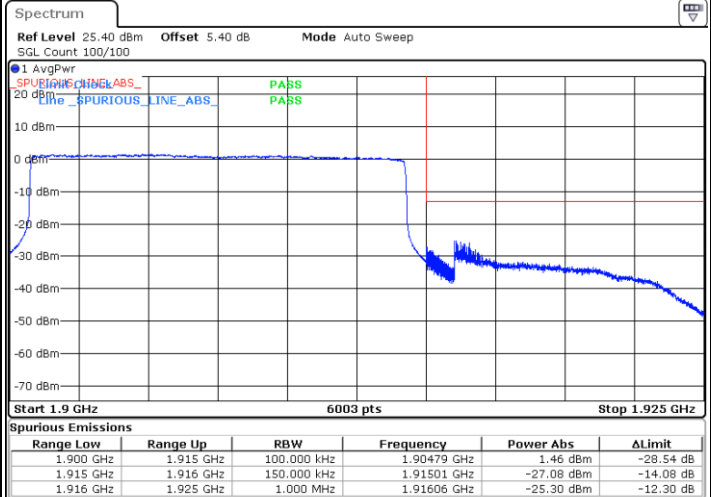
Date: 9.FEB.2023 13:11:25

Lowest Band Edge / Full RB



Date: 9.FEB.2023 12:46:13

Highest Band Edge / Full RB

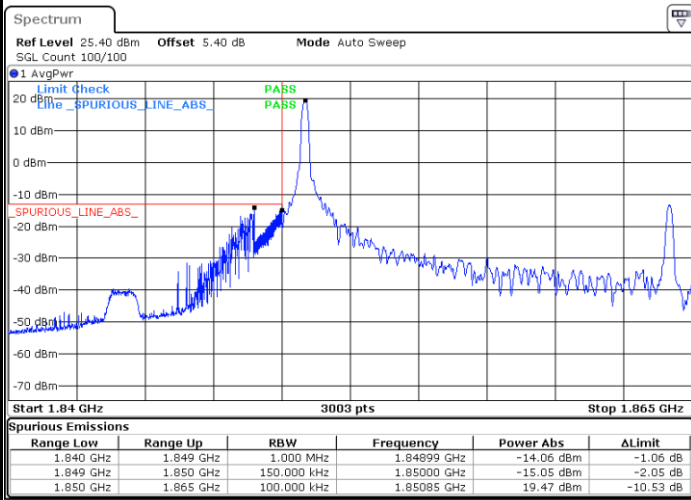


Date: 9.FEB.2023 12:54:23



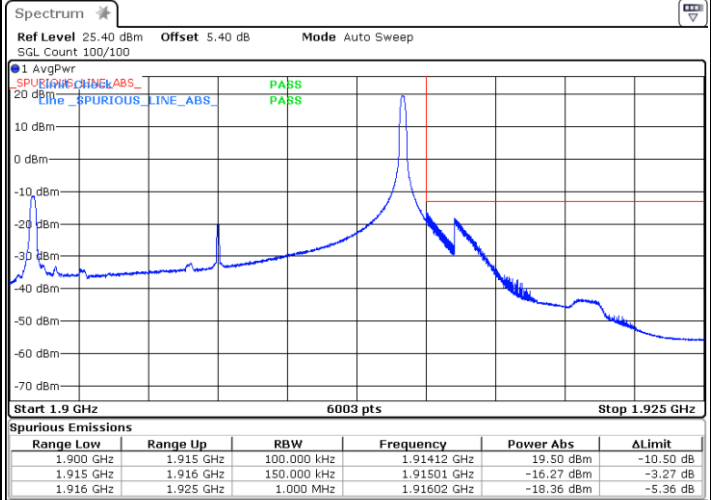
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



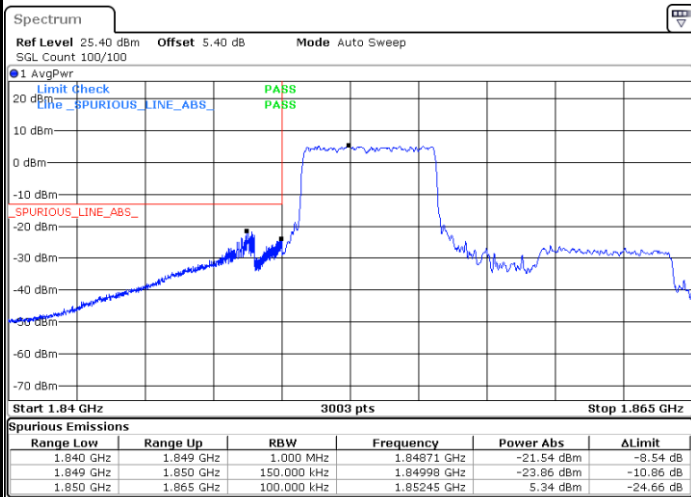
Date: 9.FEB.2023 14:02:50

Highest Band Edge / 1 RB



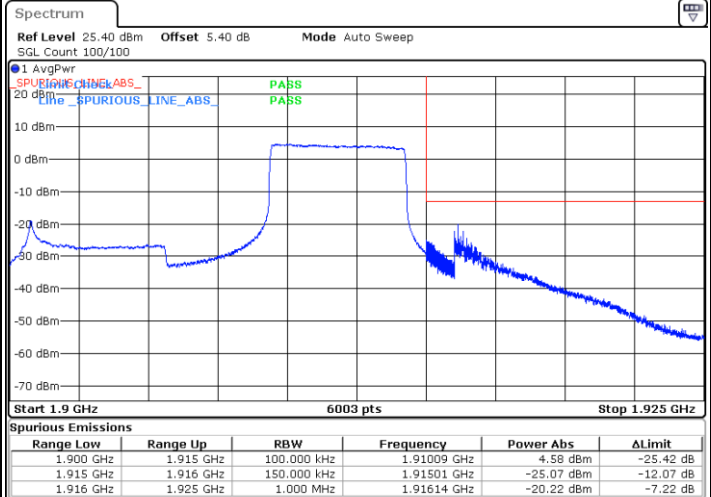
Date: 9.FEB.2023 14:05:16

Lowest Band Edge / Full RB



Date: 9.FEB.2023 13:51:59

Highest Band Edge / Full RB

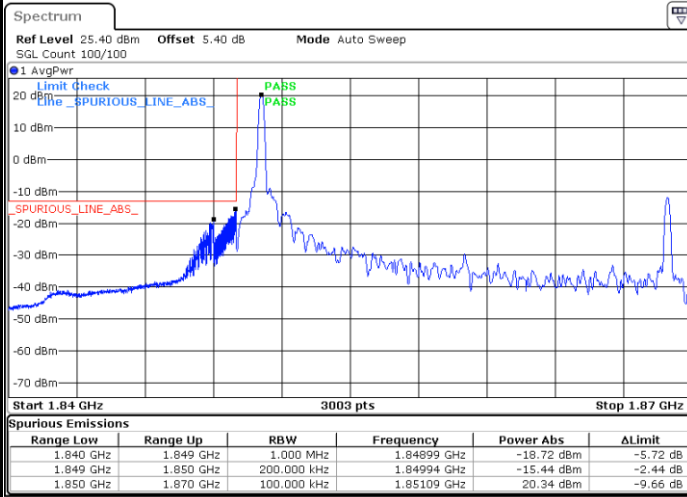


Date: 9.FEB.2023 13:53:09



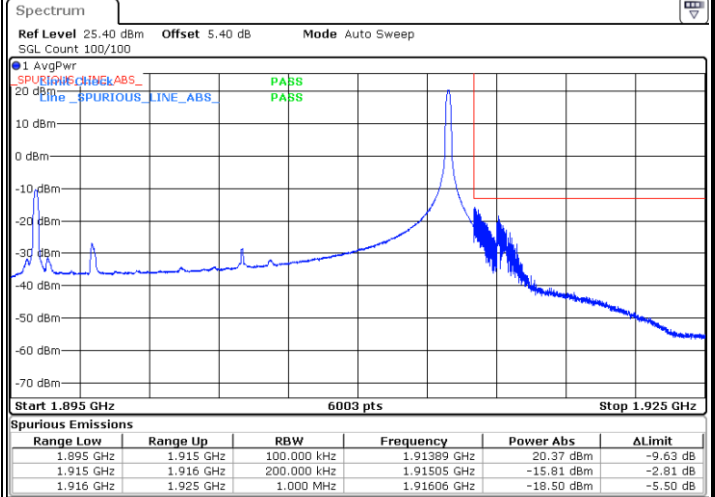
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



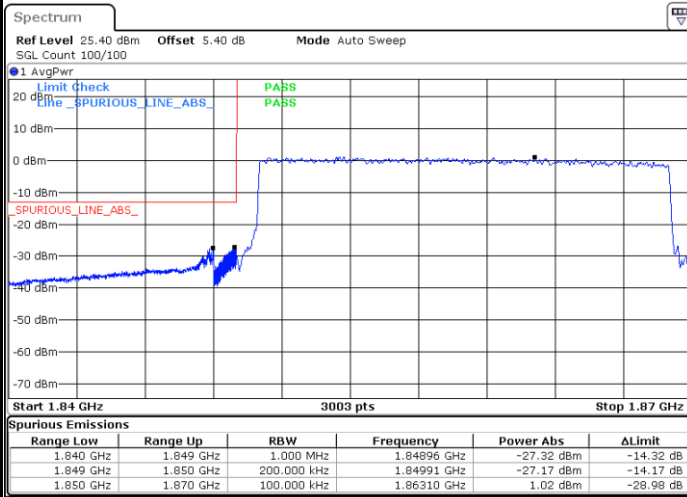
Date: 9.FEB.2023 13:00:46

Highest Band Edge / 1 RB



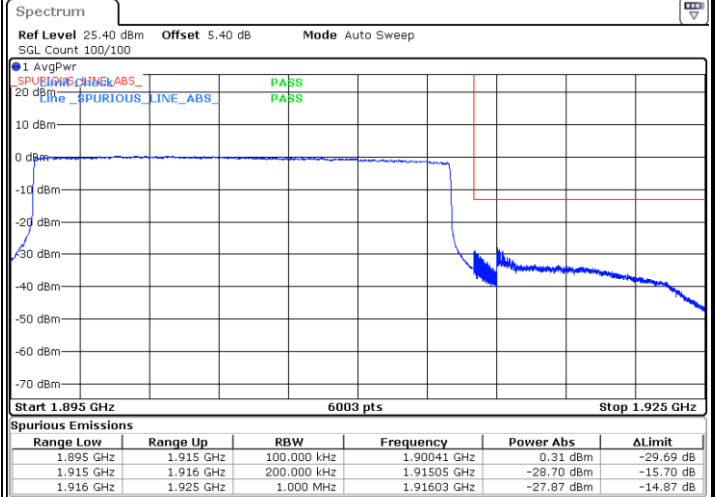
Date: 9.FEB.2023 13:07:35

Lowest Band Edge / Full RB



Date: 9.FEB.2023 12:57:45

Highest Band Edge / Full RB

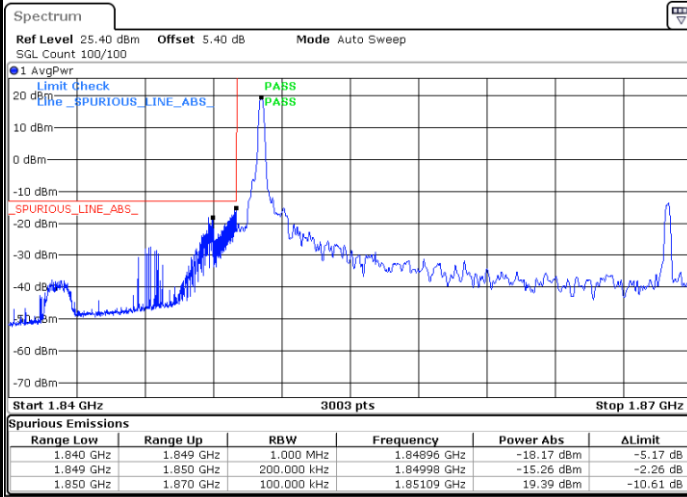


Date: 9.FEB.2023 13:05:54



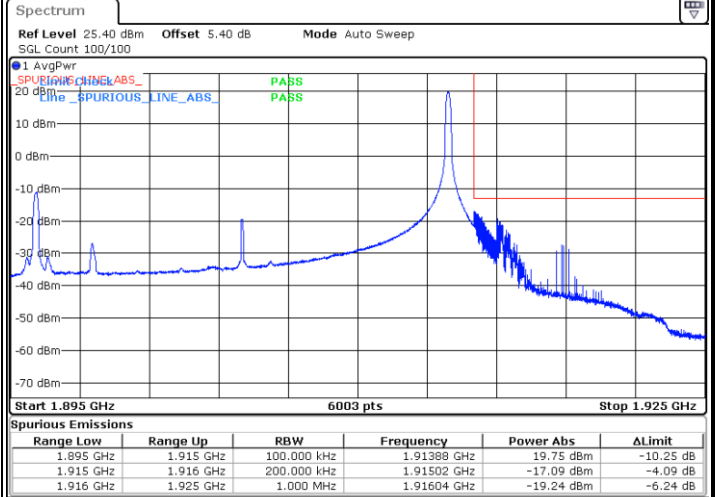
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



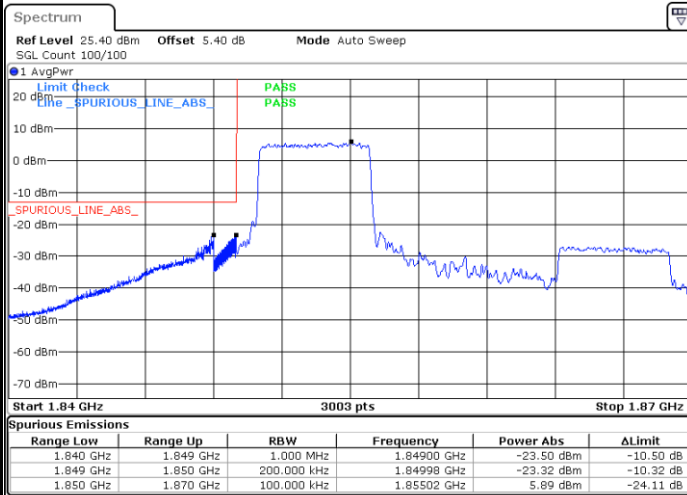
Date: 9.FEB.2023 13:59:32

Highest Band Edge / 1 RB



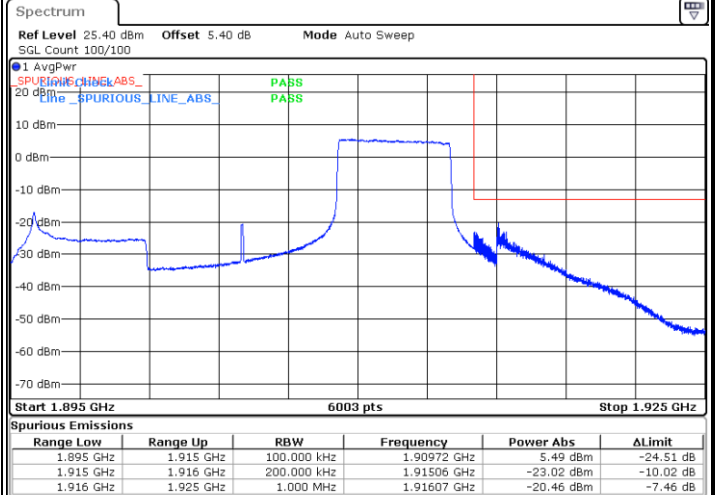
Date: 9.FEB.2023 13:58:54

Lowest Band Edge / Full RB



Date: 9.FEB.2023 13:55:29

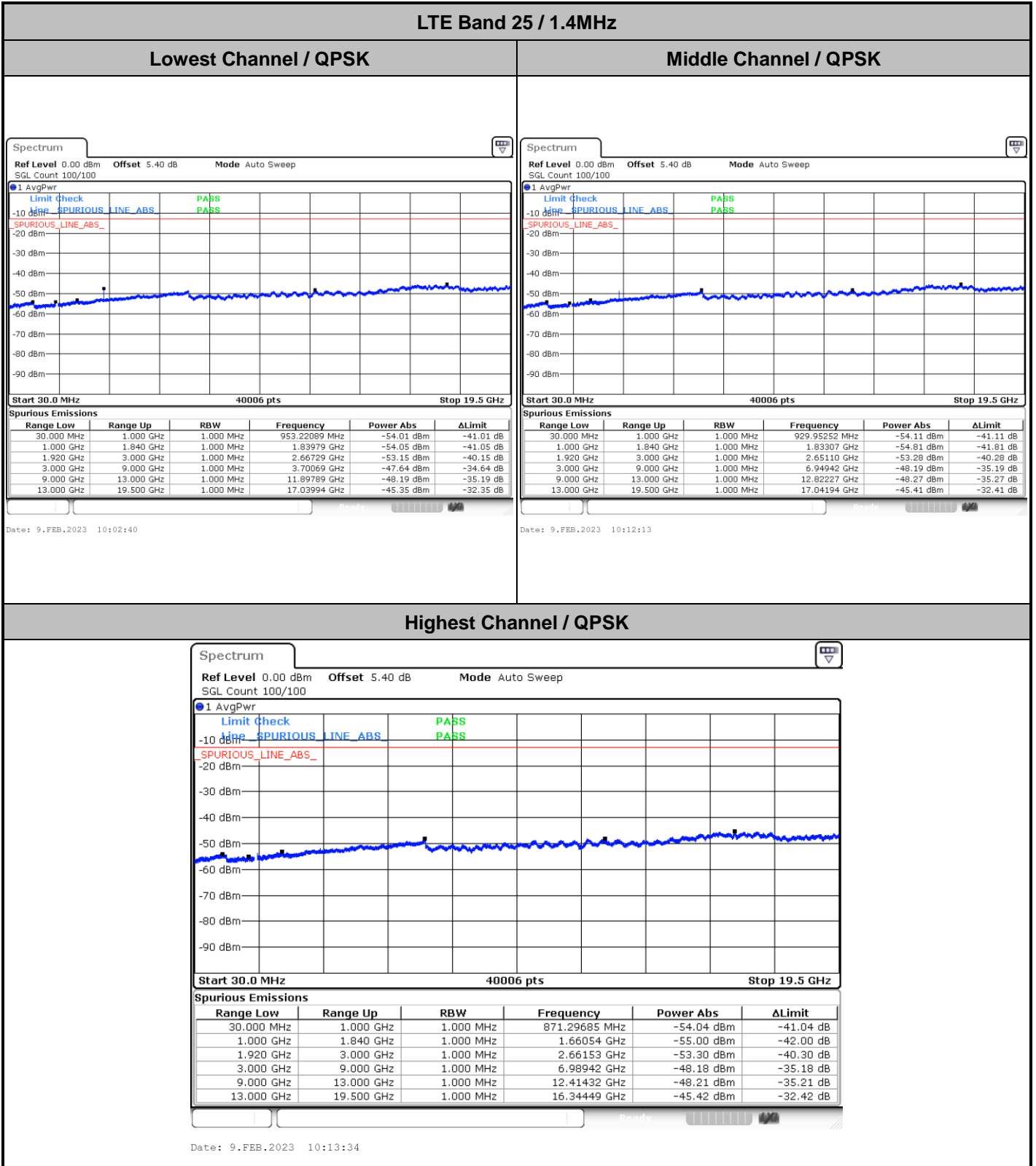
Highest Band Edge / Full RB



Date: 9.FEB.2023 13:57:16



Conducted Spurious Emission

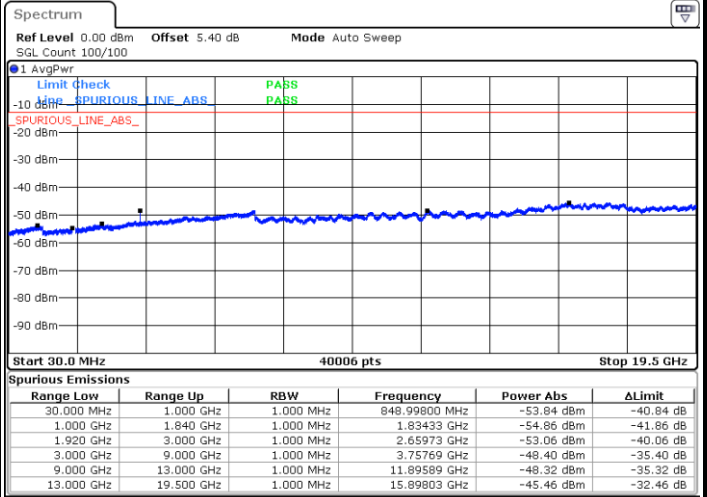
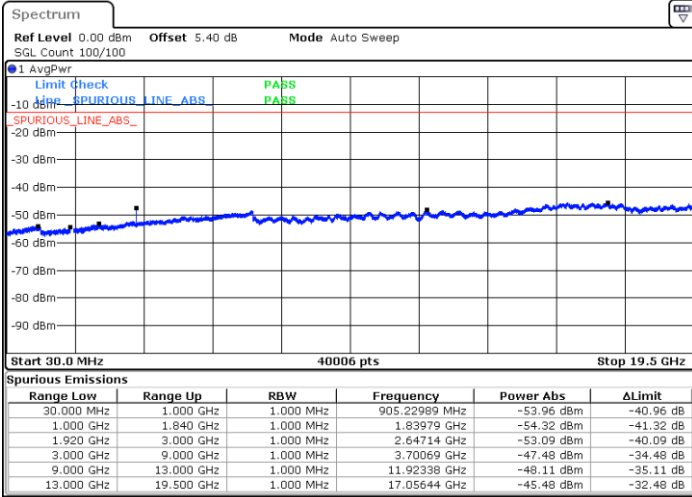




LTE Band 25 / 3MHz

Lowest Channel / QPSK

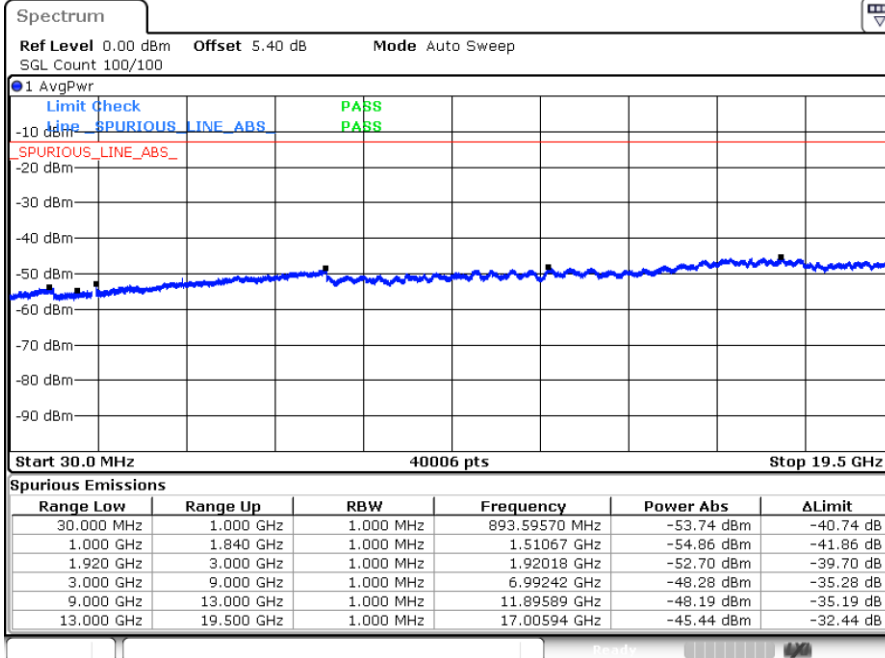
Middle Channel / QPSK



Date: 9.FEB.2023 10:25:03

Date: 9.FEB.2023 10:31:12

Highest Channel / QPSK



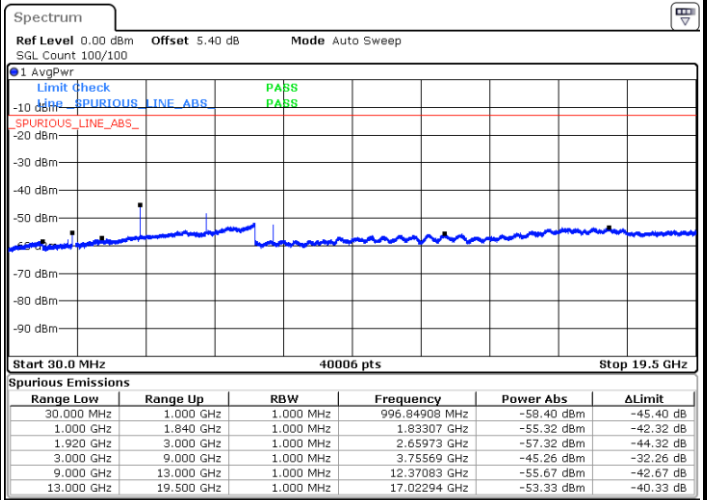
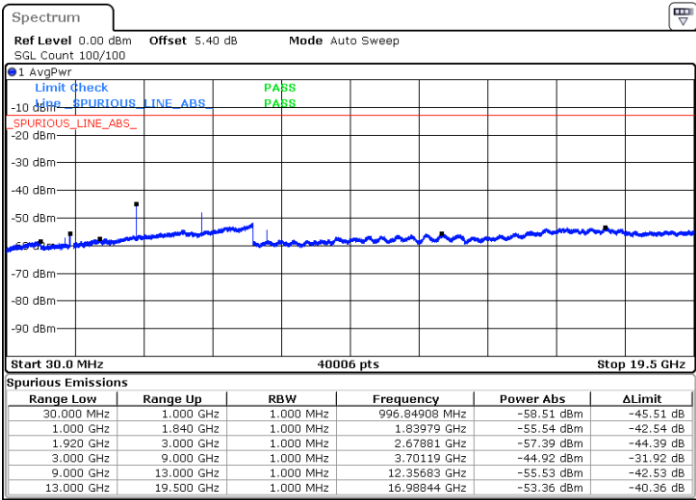
Date: 9.FEB.2023 10:32:34



LTE Band 25 / 5MHz

Lowest Channel / QPSK

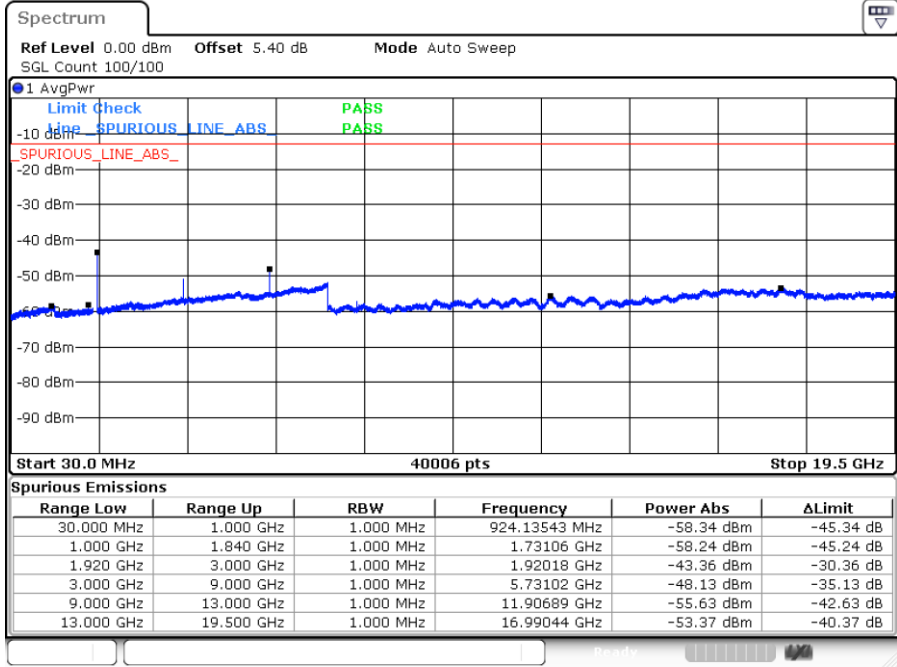
Middle Channel / QPSK



Date: 9.FEB.2023 10:44:01

Date: 9.FEB.2023 10:48:43

Highest Channel / QPSK



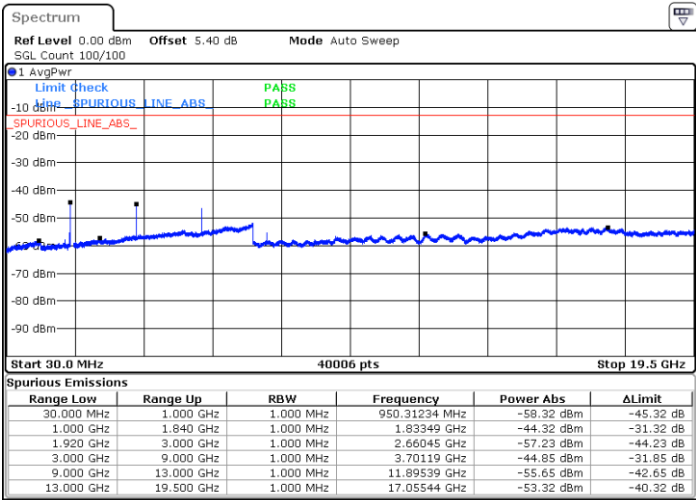
Date: 9.FEB.2023 10:51:33



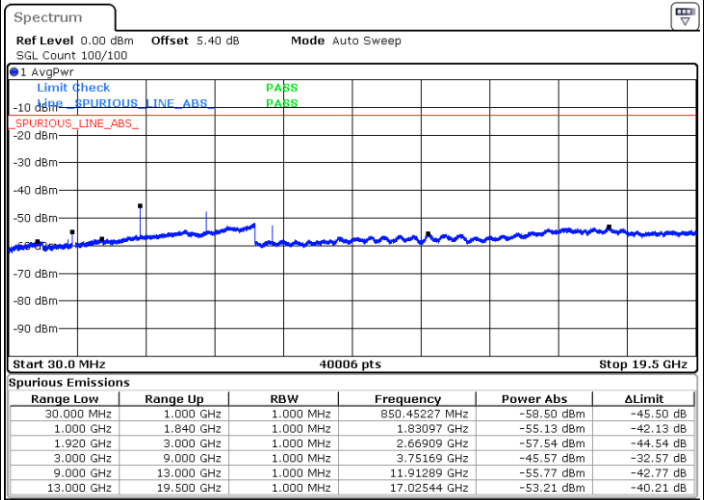
LTE Band 25 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

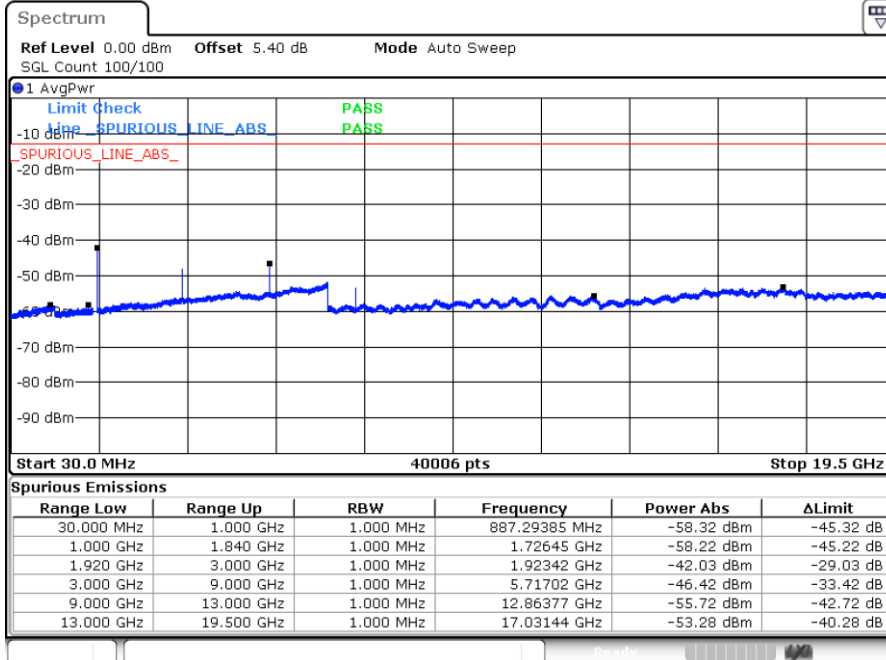


Date: 9.FEB.2023 11:04:40



Date: 9.FEB.2023 11:07:41

Highest Channel / QPSK



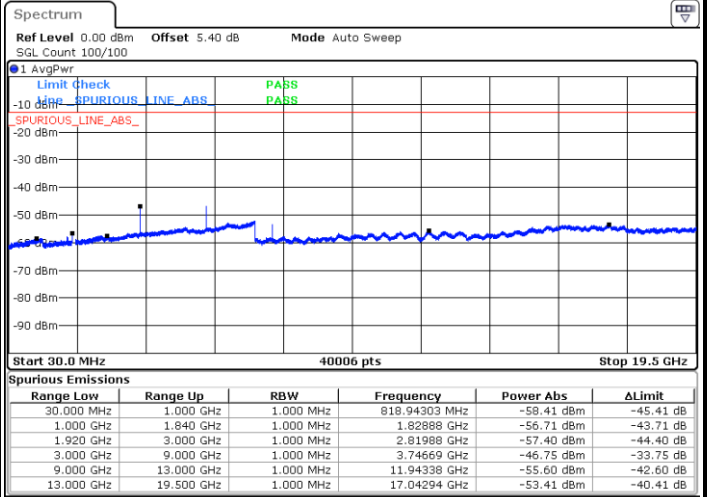
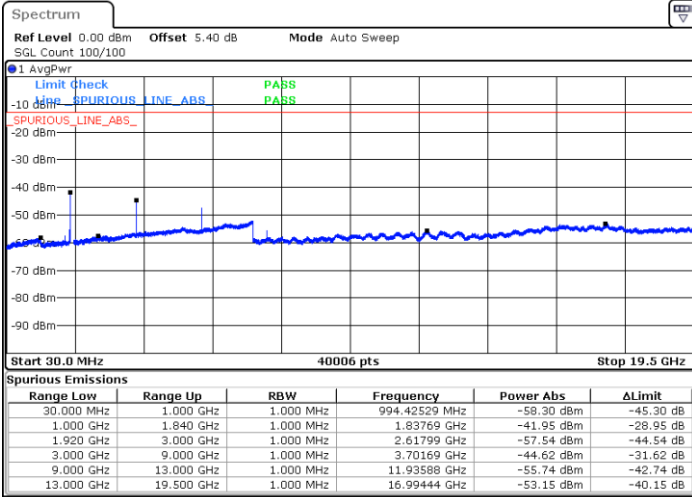
Date: 9.FEB.2023 11:10:31



LTE Band 25 / 15MHz

Lowest Channel / QPSK

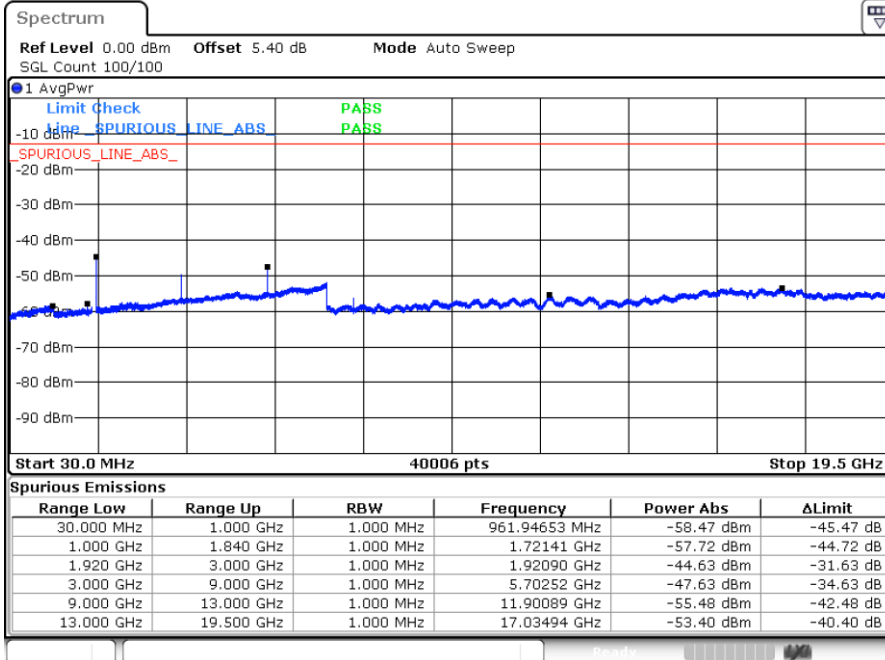
Middle Channel / QPSK



Date: 9.FEB.2023 12:47:36

Date: 9.FEB.2023 12:50:37

Highest Channel / QPSK



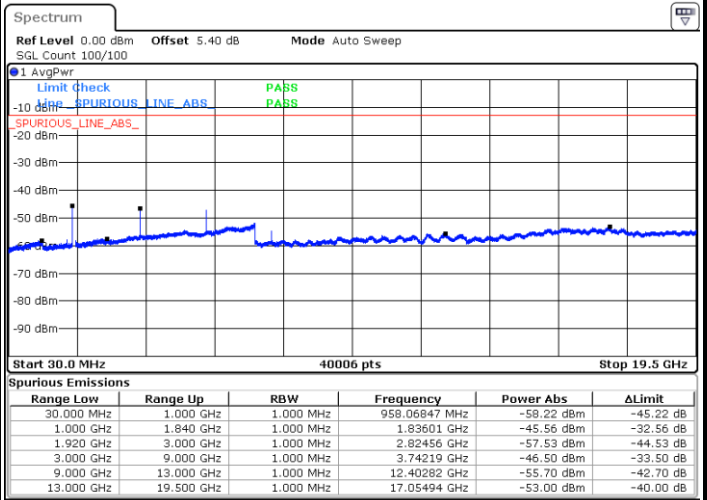
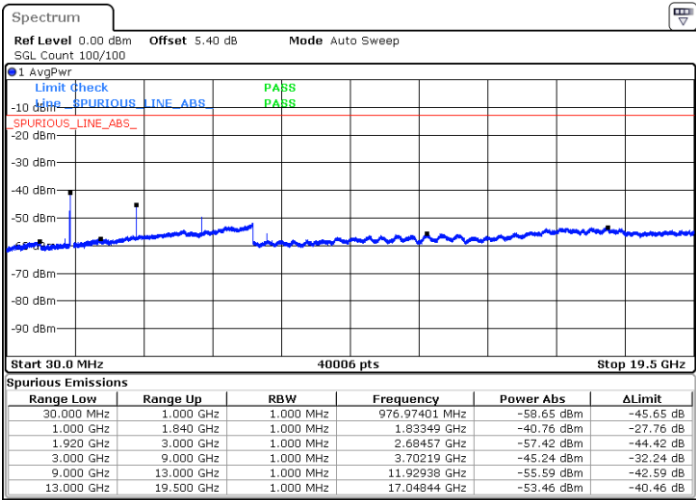
Date: 9.FEB.2023 12:52:43



LTE Band 25 / 20MHz

Lowest Channel / QPSK

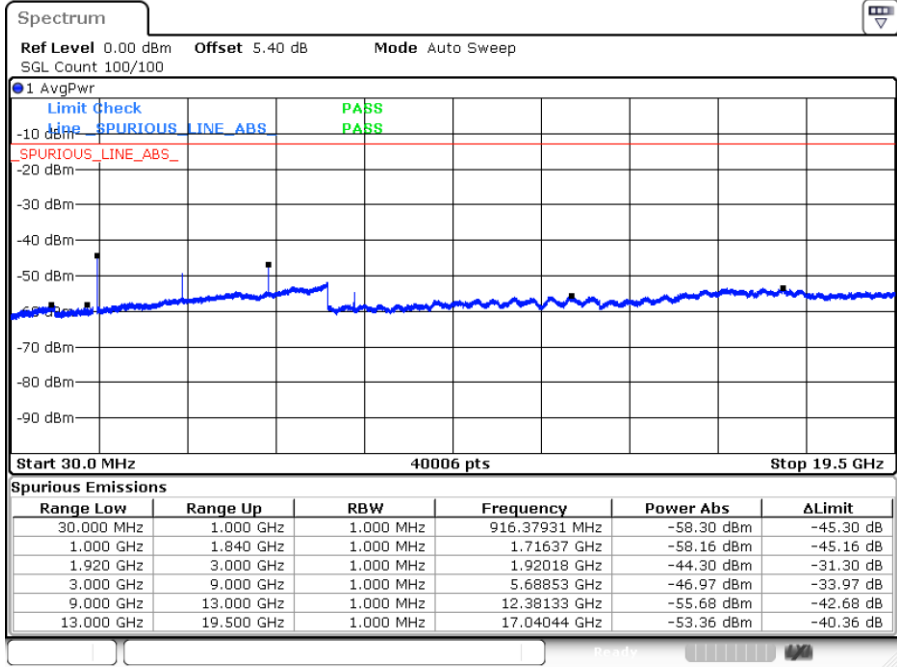
Middle Channel / QPSK



Date: 9.FEB.2023 12:59:06

Date: 9.FEB.2023 13:02:08

Highest Channel / QPSK



Date: 9.FEB.2023 13:04:13



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0016	
20	End Point	0.0018	

Note:

1. Normal Voltage =3.8 V. ; End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.57	6.26	PASS

