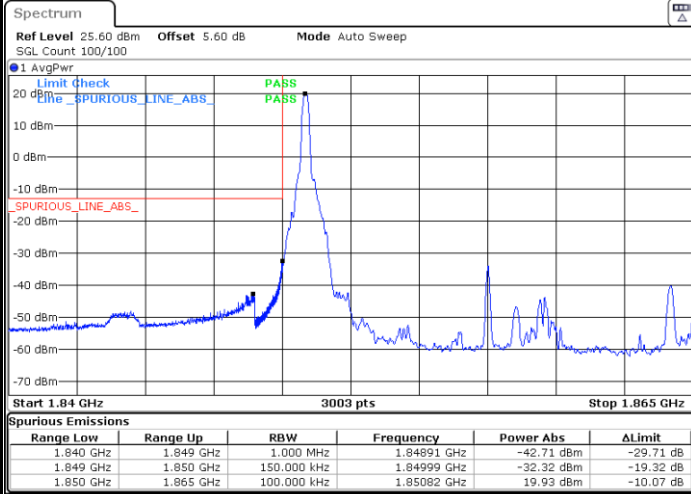




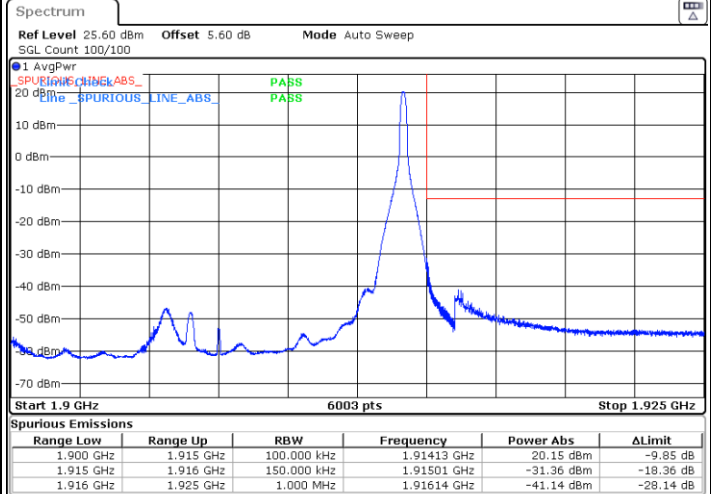
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



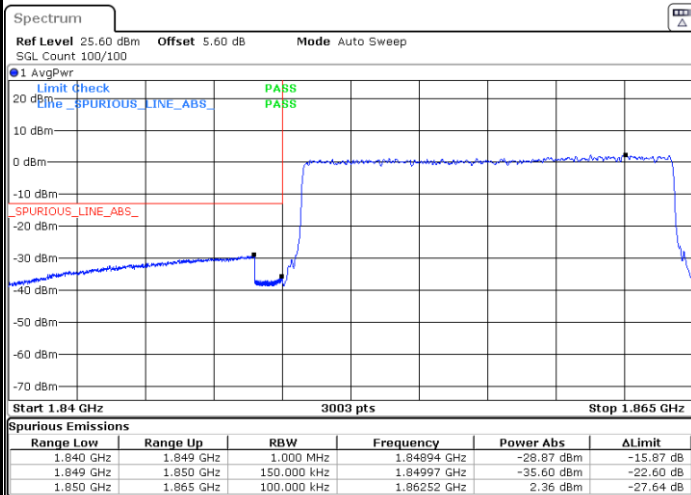
Date: 25.OCT.2023 19:14:01

Highest Band Edge / 1 RB



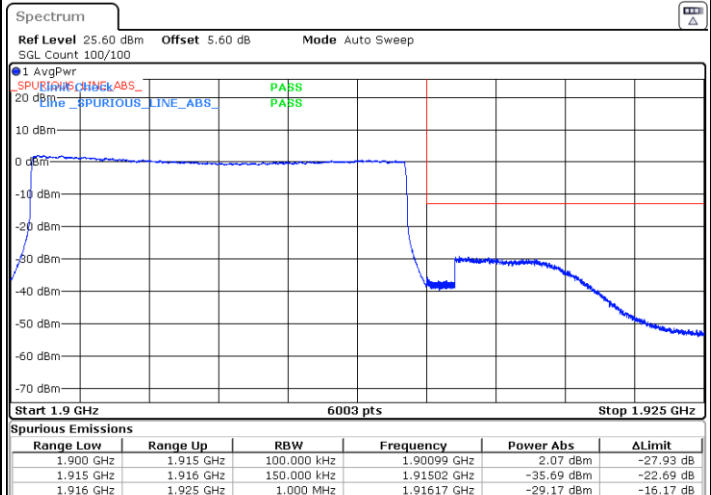
Date: 25.OCT.2023 19:29:42

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:09:38

Highest Band Edge / Full RB

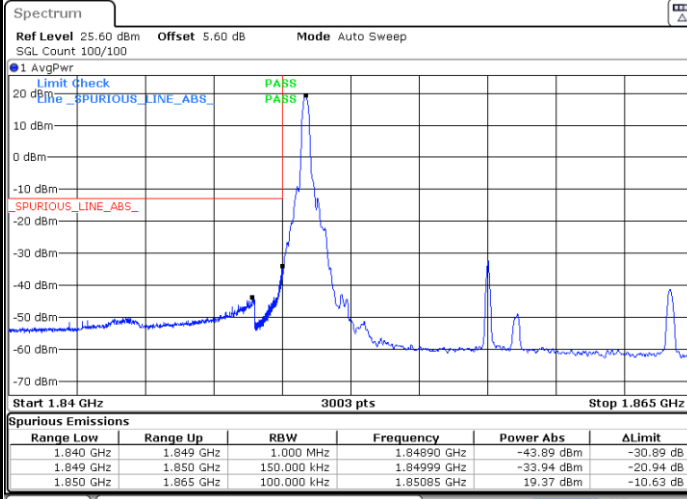


Date: 25.OCT.2023 19:24:19



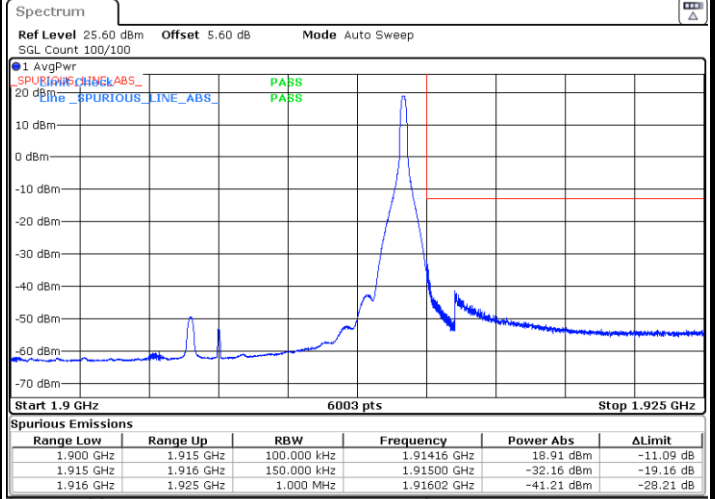
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



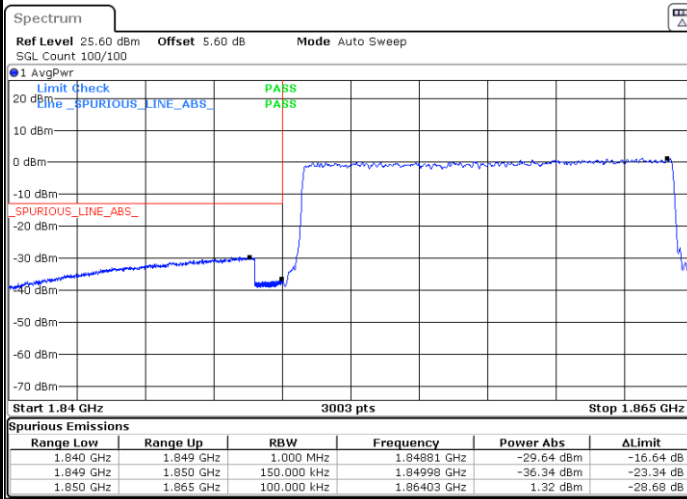
Date: 25.OCT.2023 19:14:45

Highest Band Edge / 1 RB



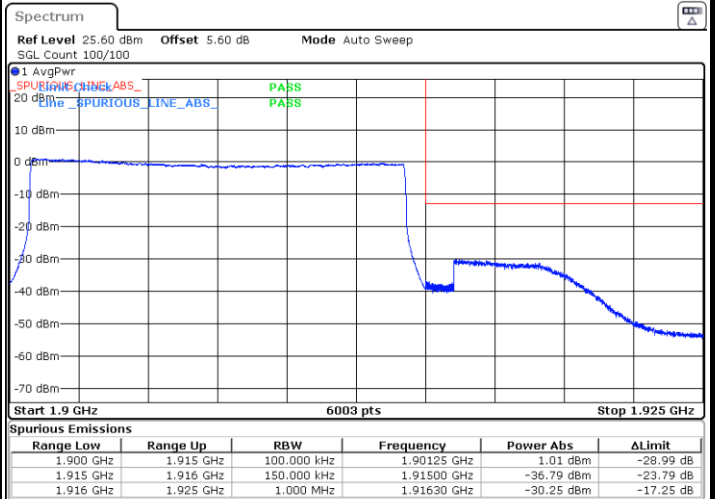
Date: 25.OCT.2023 19:31:02

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:10:23

Highest Band Edge / Full RB

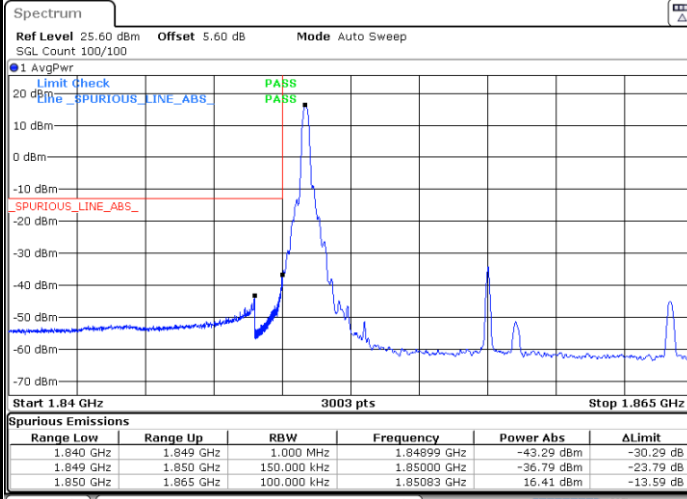


Date: 25.OCT.2023 19:25:39



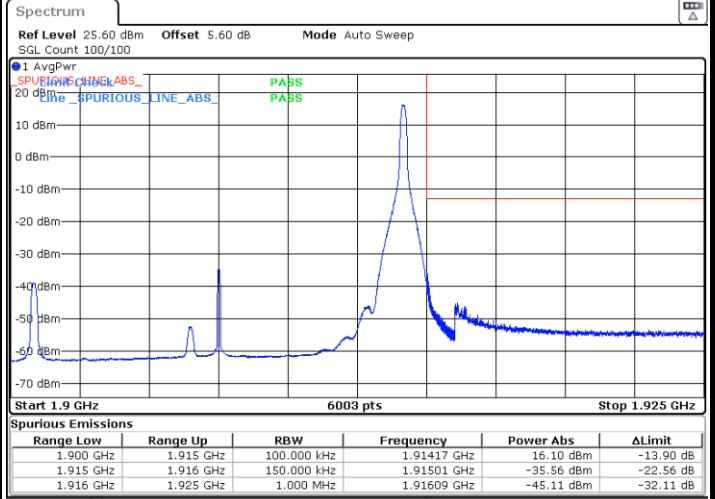
LTE Band 25 / 15MHz /256QAM

Lowest Band Edge / 1 RB



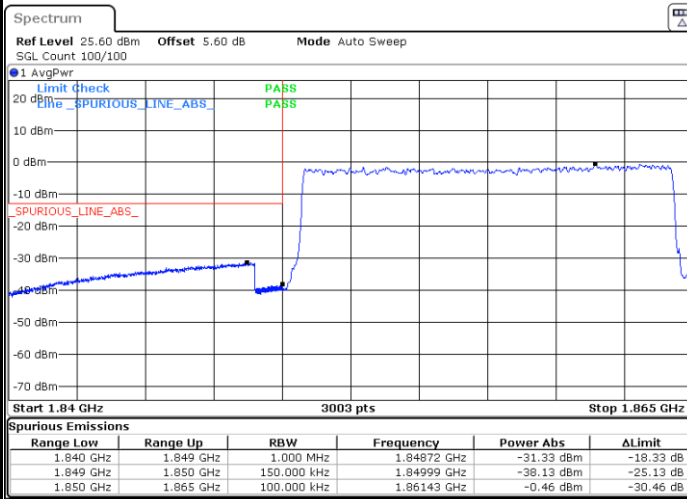
Date: 25.OCT.2023 19:15:30

Highest Band Edge / 1 RB



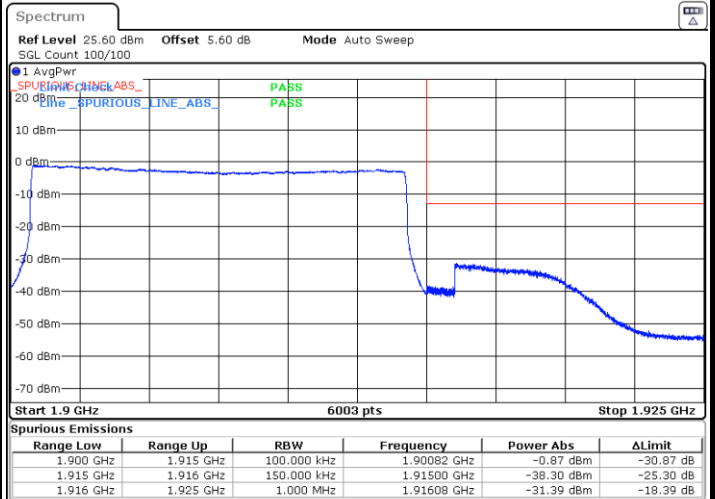
Date: 25.OCT.2023 19:32:21

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:11:08

Highest Band Edge / Full RB

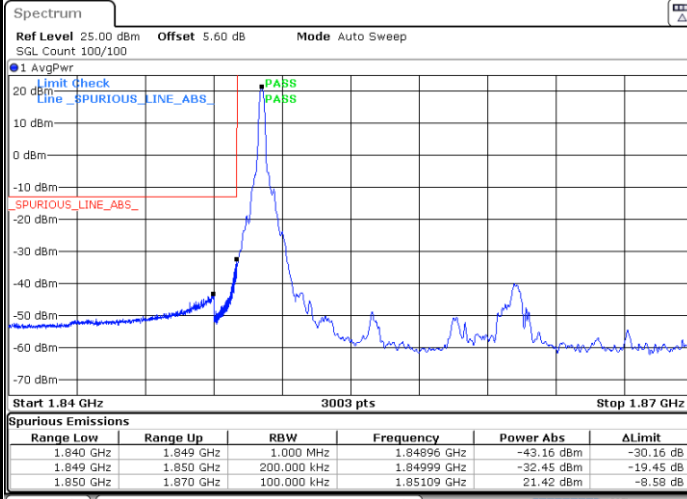


Date: 25.OCT.2023 19:26:59



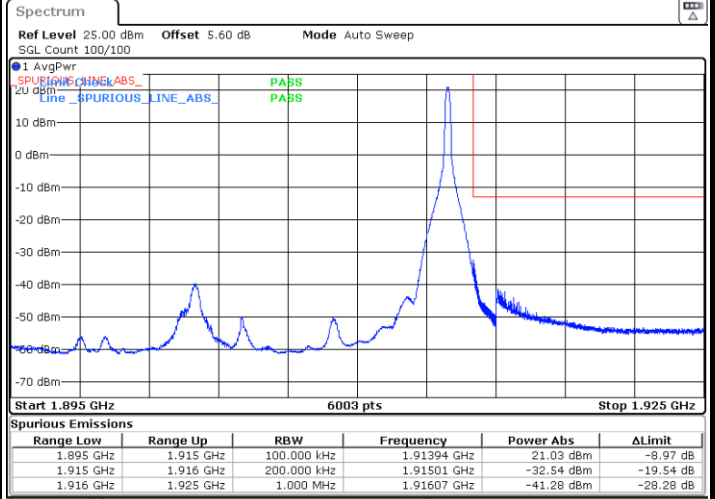
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



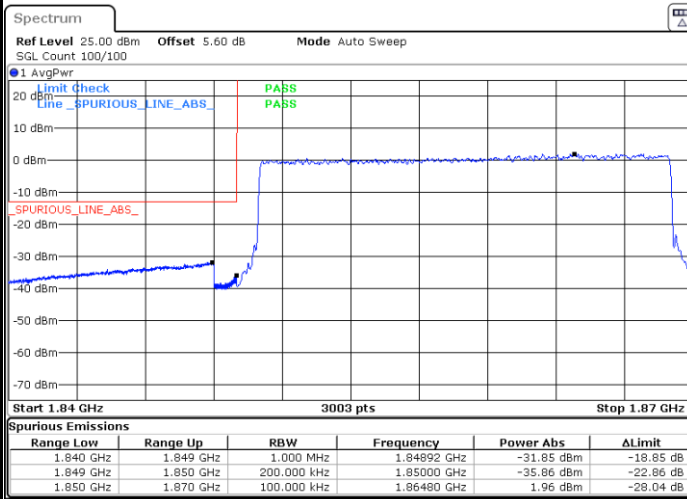
Date: 25.OCT.2023 19:39:49

Highest Band Edge / 1 RB



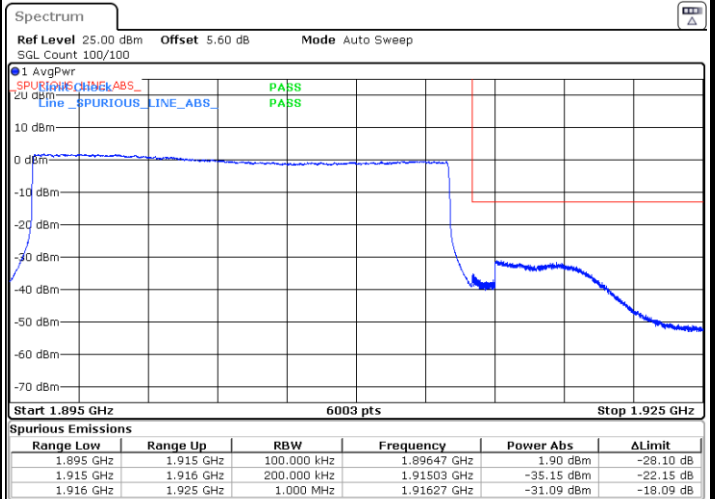
Date: 25.OCT.2023 19:58:21

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:34:52

Highest Band Edge / Full RB

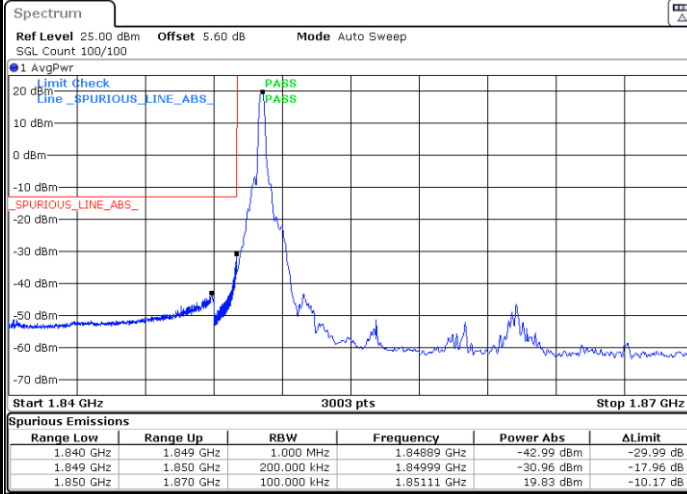


Date: 25.OCT.2023 19:52:59



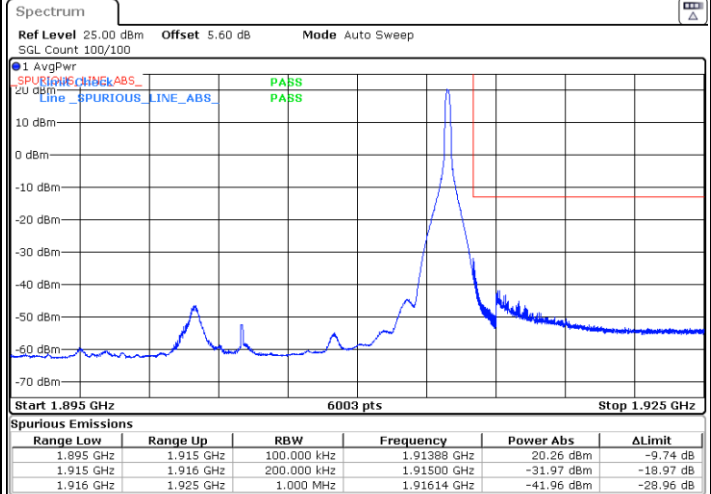
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



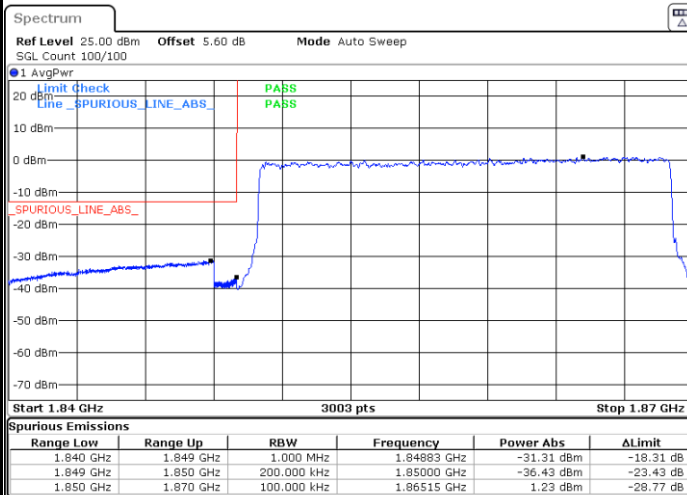
Date: 25.OCT.2023 19:40:33

Highest Band Edge / 1 RB



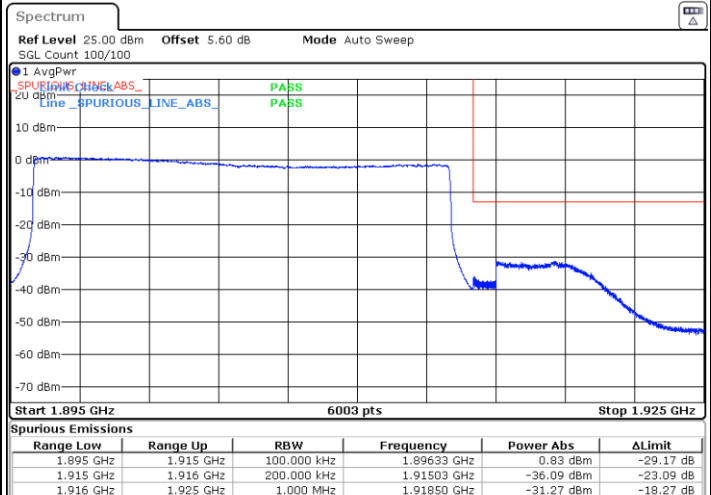
Date: 25.OCT.2023 19:59:42

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:36:11

Highest Band Edge / Full RB

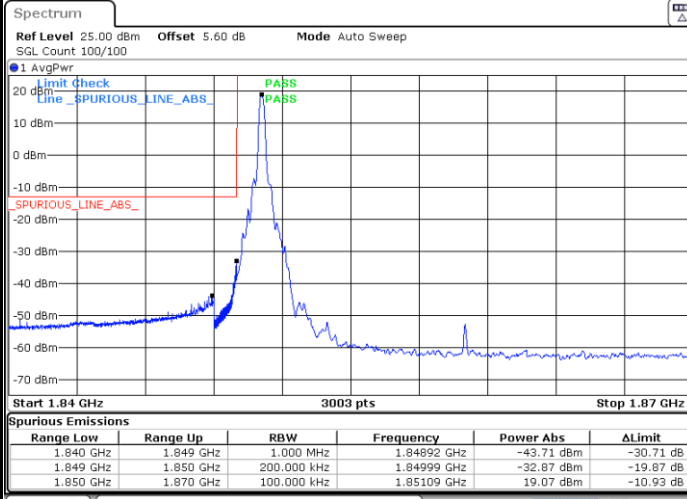


Date: 25.OCT.2023 19:54:19



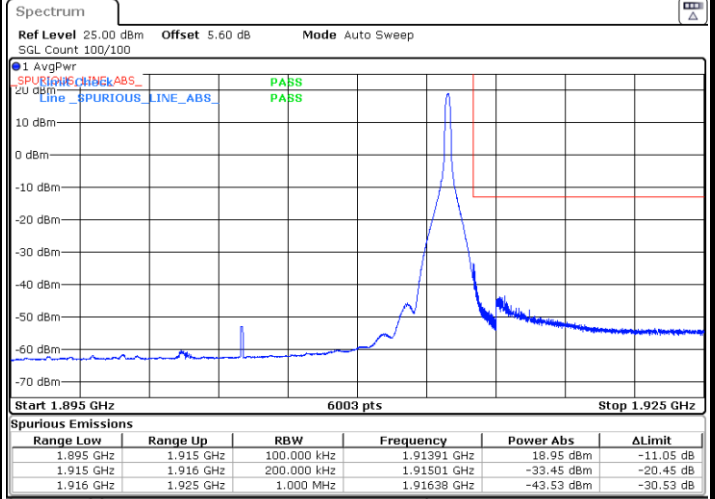
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



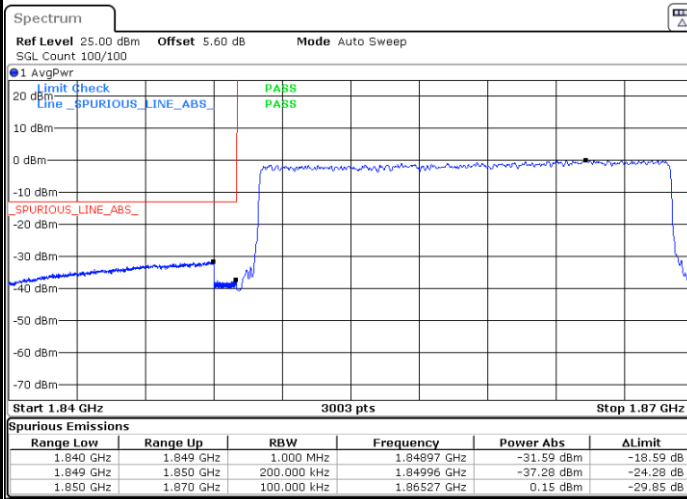
Date: 25.OCT.2023 19:41:18

Highest Band Edge / 1 RB



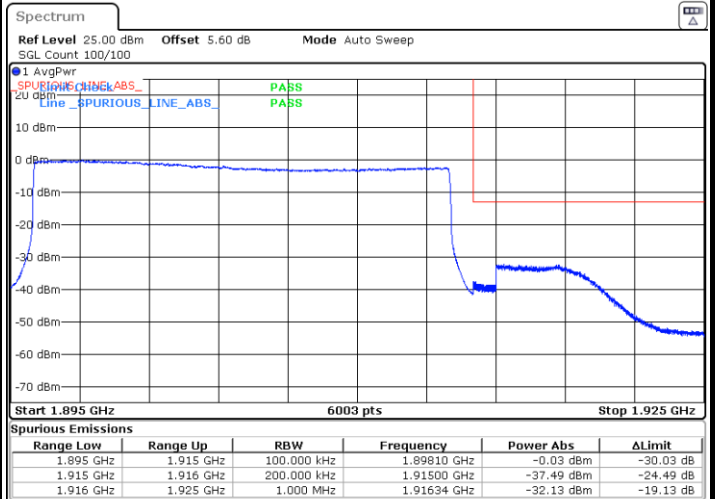
Date: 25.OCT.2023 20:01:01

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:36:56

Highest Band Edge / Full RB

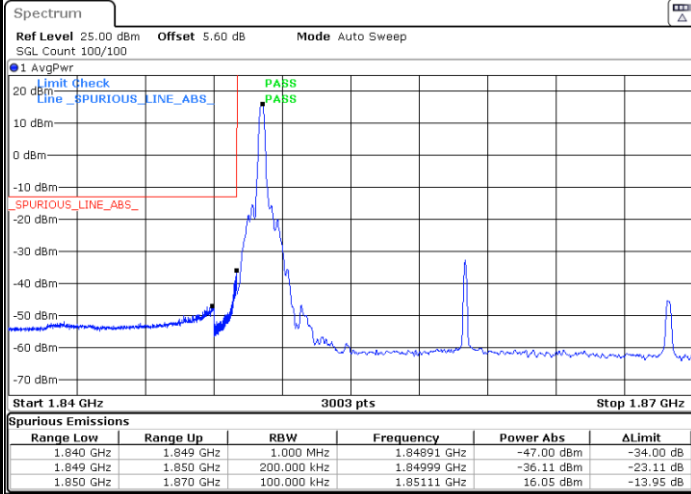


Date: 25.OCT.2023 19:55:39



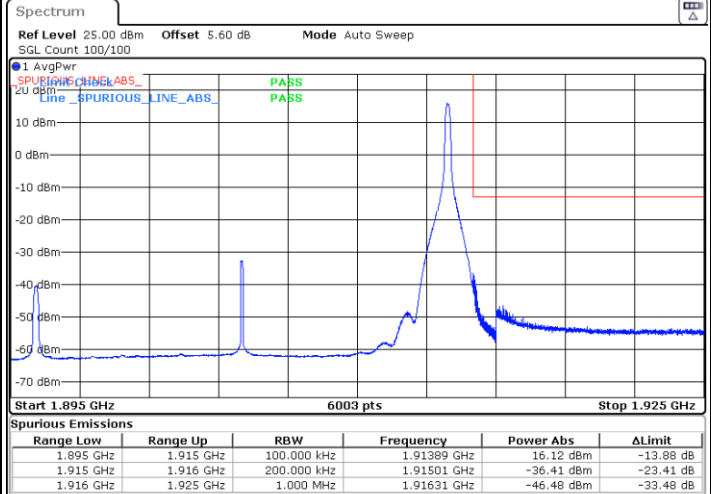
LTE Band 25 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



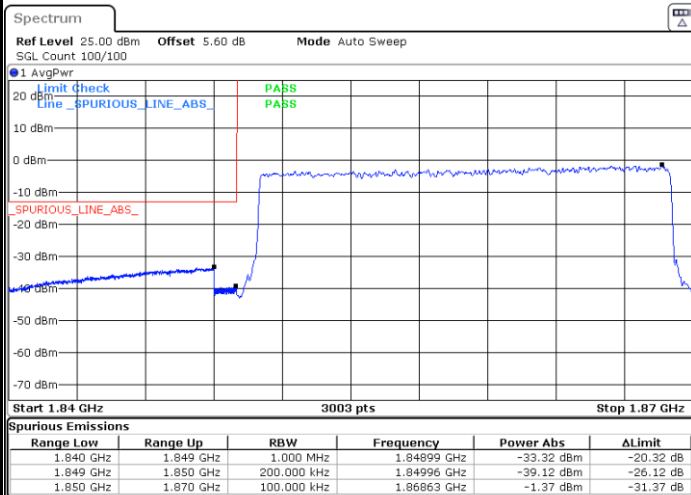
Date: 25.OCT.2023 19:42:02

Highest Band Edge / 1 RB



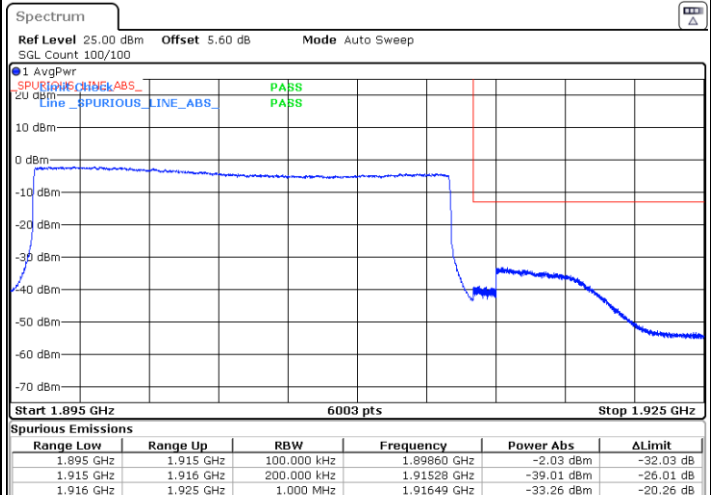
Date: 25.OCT.2023 20:02:21

Lowest Band Edge / Full RB



Date: 25.OCT.2023 19:37:40

Highest Band Edge / Full RB



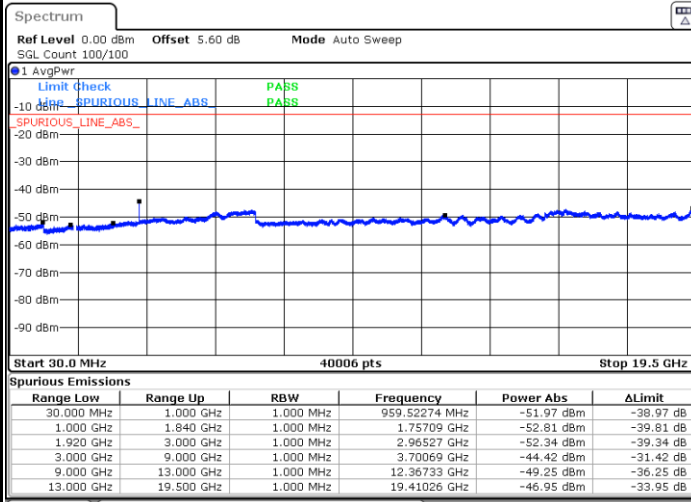
Date: 25.OCT.2023 19:56:58



Conducted Spurious Emission

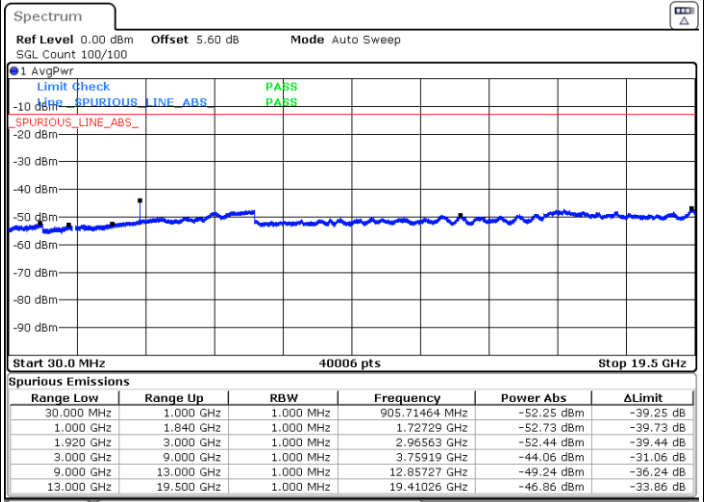
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



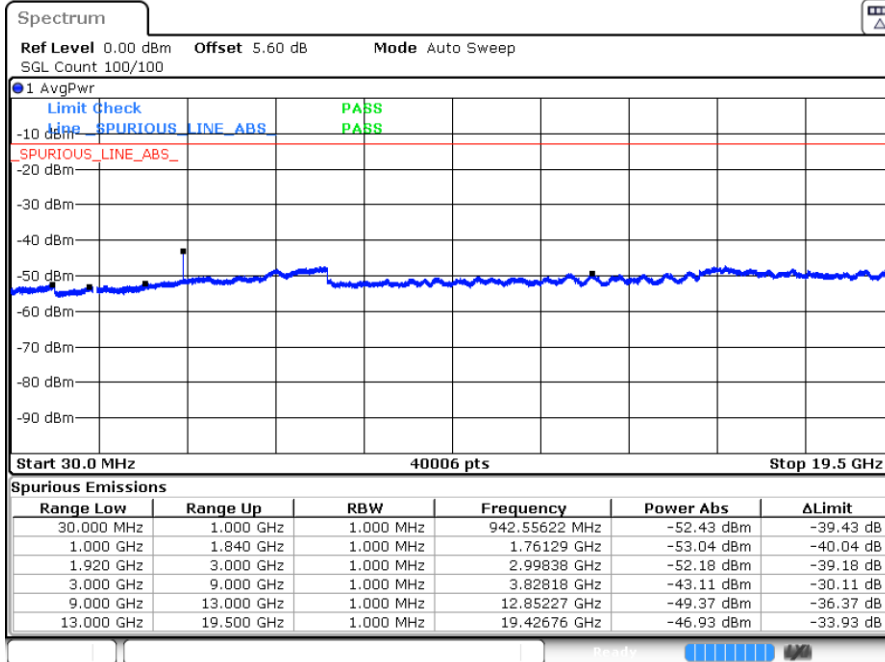
Date: 25.OCT.2023 16:31:22

Middle Channel / QPSK



Date: 25.OCT.2023 16:43:27

Highest Channel / QPSK



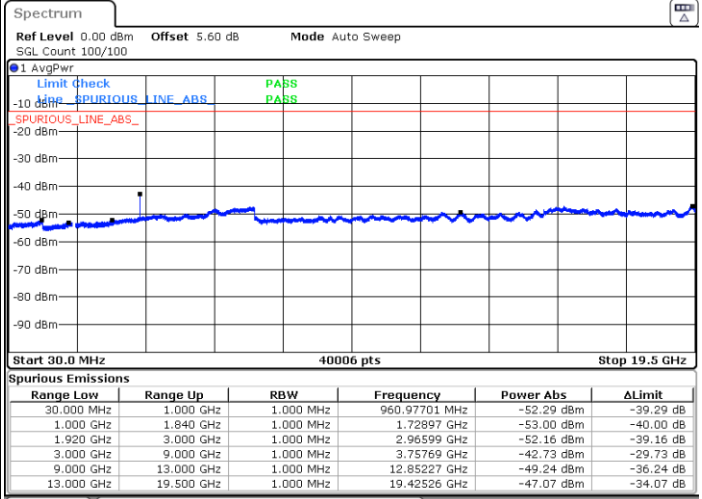
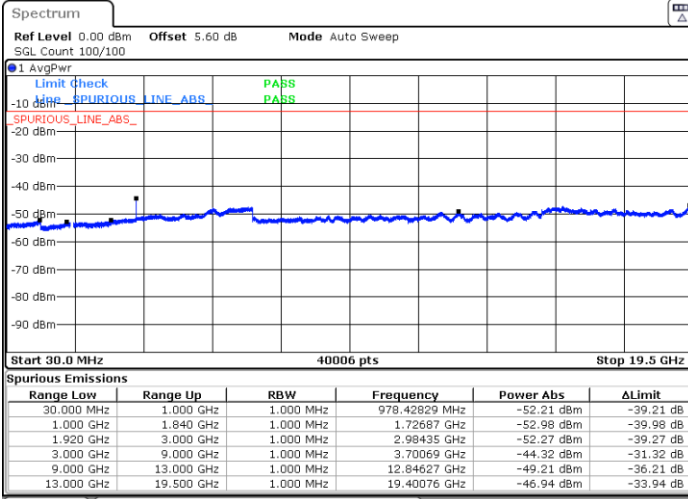
Date: 25.OCT.2023 16:44:47



LTE Band 25 / 3MHz

Lowest Channel / QPSK

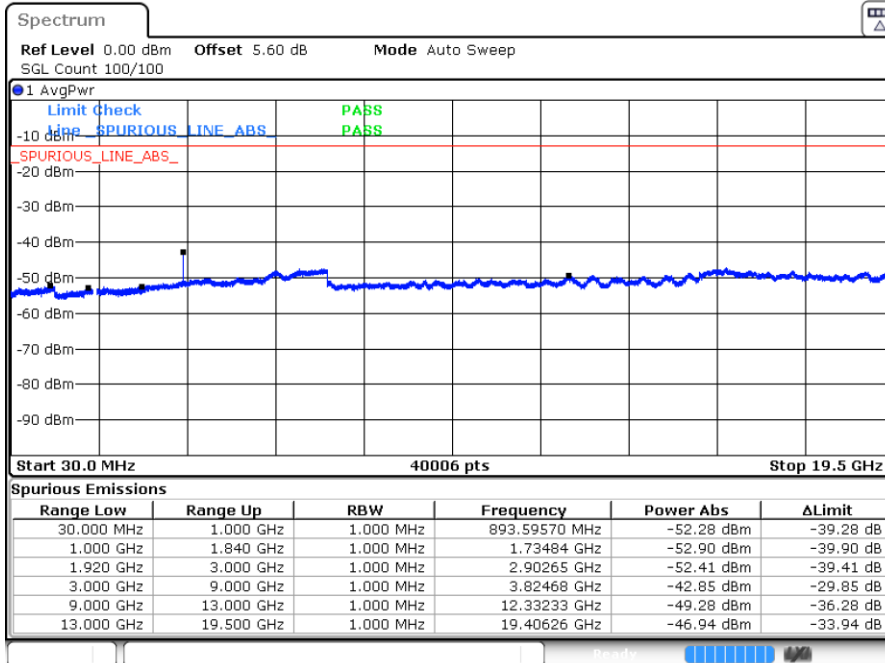
Middle Channel / QPSK



Date: 25.OCT.2023 17:02:42

Date: 25.OCT.2023 17:09:24

Highest Channel / QPSK



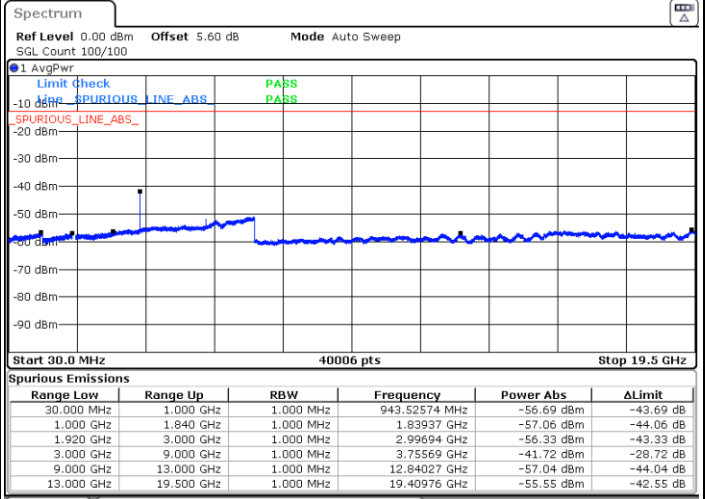
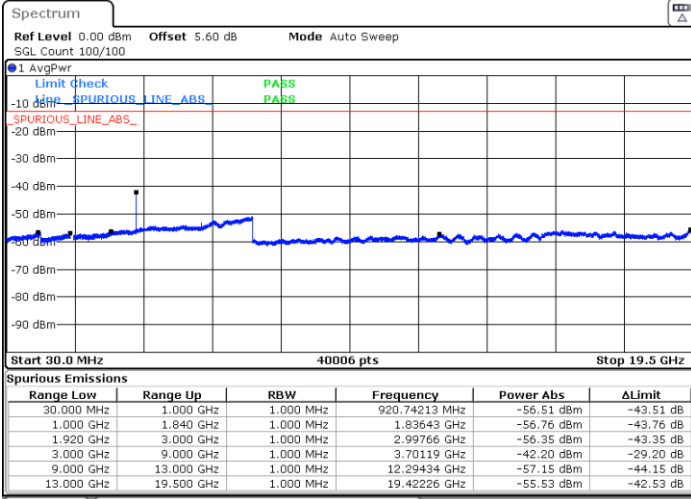
Date: 25.OCT.2023 17:10:44



LTE Band 25 / 5MHz

Lowest Channel / QPSK

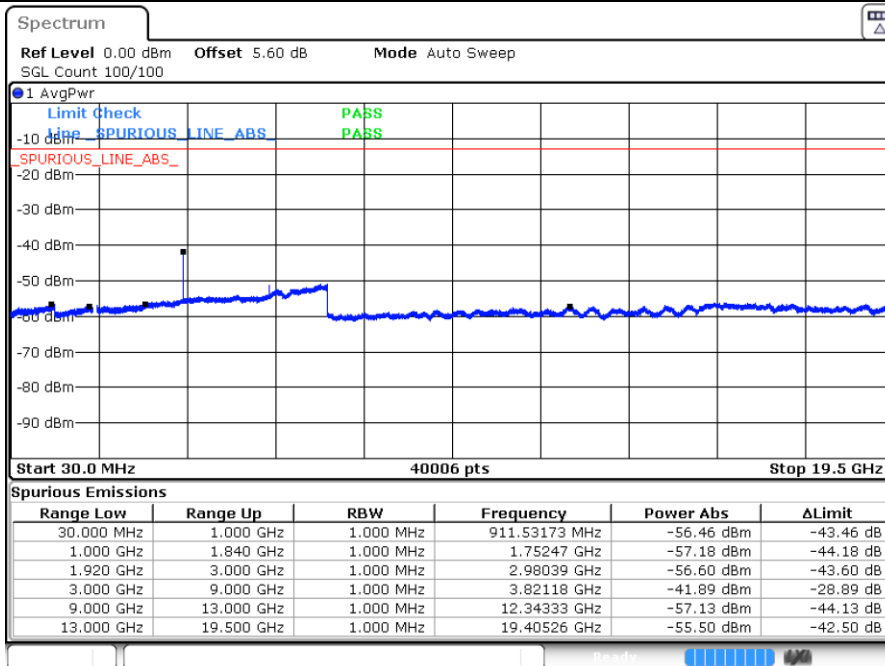
Middle Channel / QPSK



Date: 25.OCT.2023 18:10:14

Date: 25.OCT.2023 18:16:06

Highest Channel / QPSK



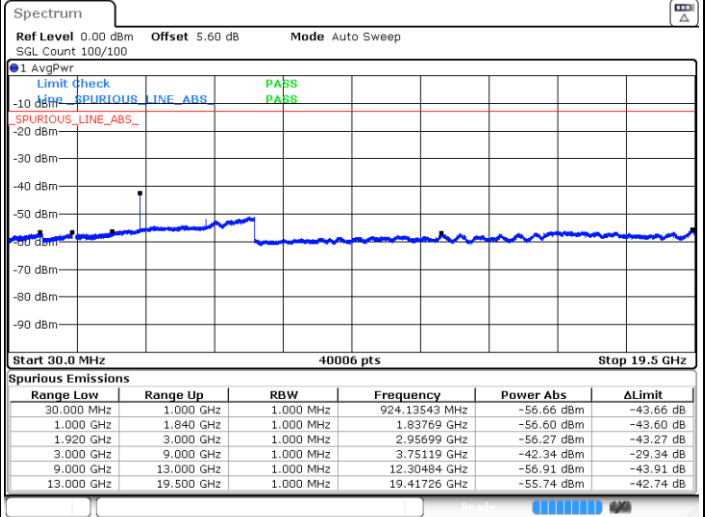
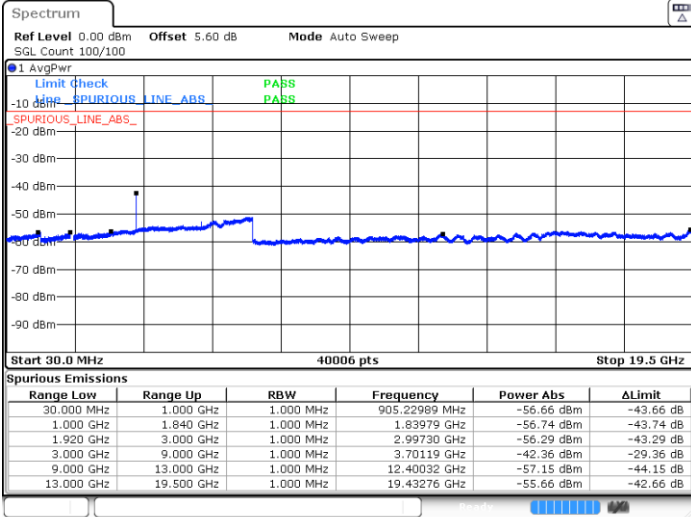
Date: 25.OCT.2023 18:17:25



LTE Band 25 / 10MHz

Lowest Channel / QPSK

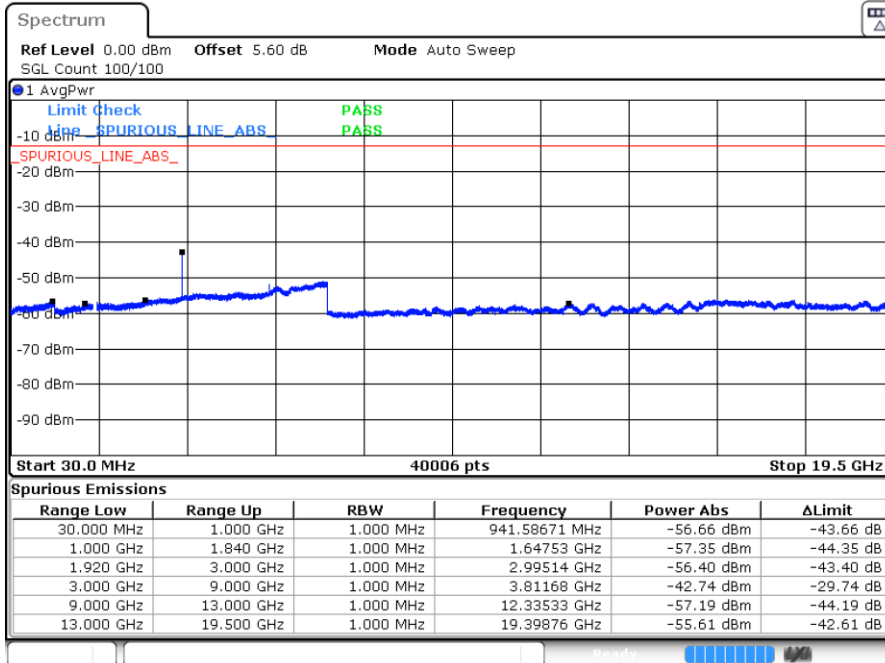
Middle Channel / QPSK



Date: 25.OCT.2023 18:33:09

Date: 25.OCT.2023 18:37:01

Highest Channel / QPSK



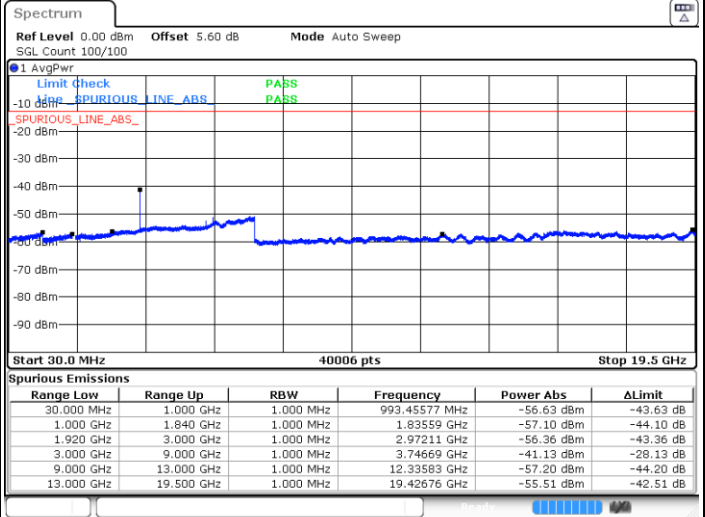
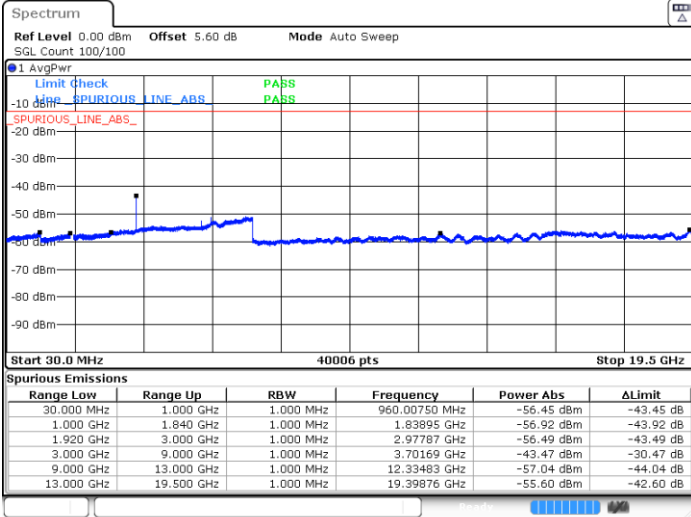
Date: 25.OCT.2023 18:38:21



LTE Band 25 / 15MHz

Lowest Channel / QPSK

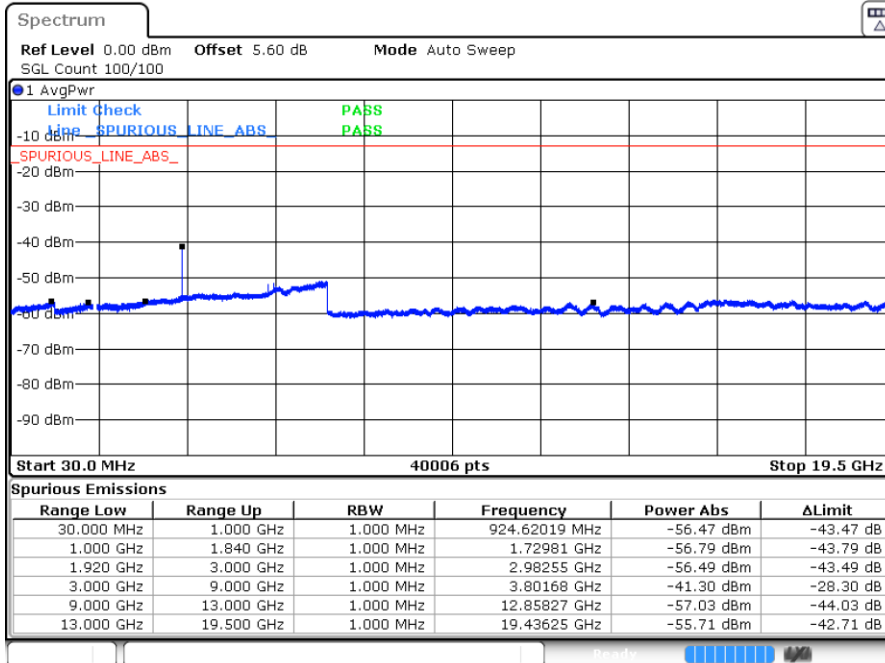
Middle Channel / QPSK



Date: 25.OCT.2023 19:12:31

Date: 25.OCT.2023 19:16:53

Highest Channel / QPSK



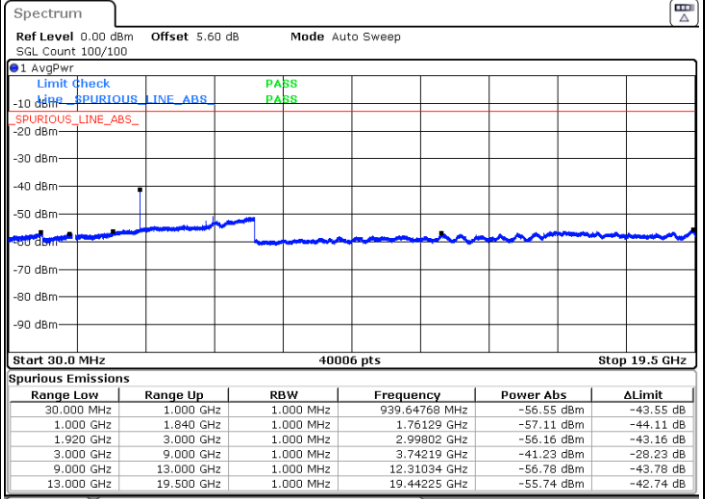
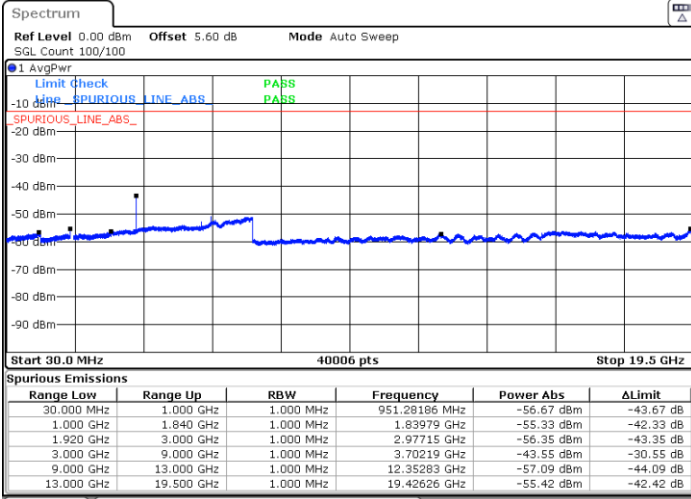
Date: 25.OCT.2023 19:18:13



LTE Band 25 / 20MHz

Lowest Channel / QPSK

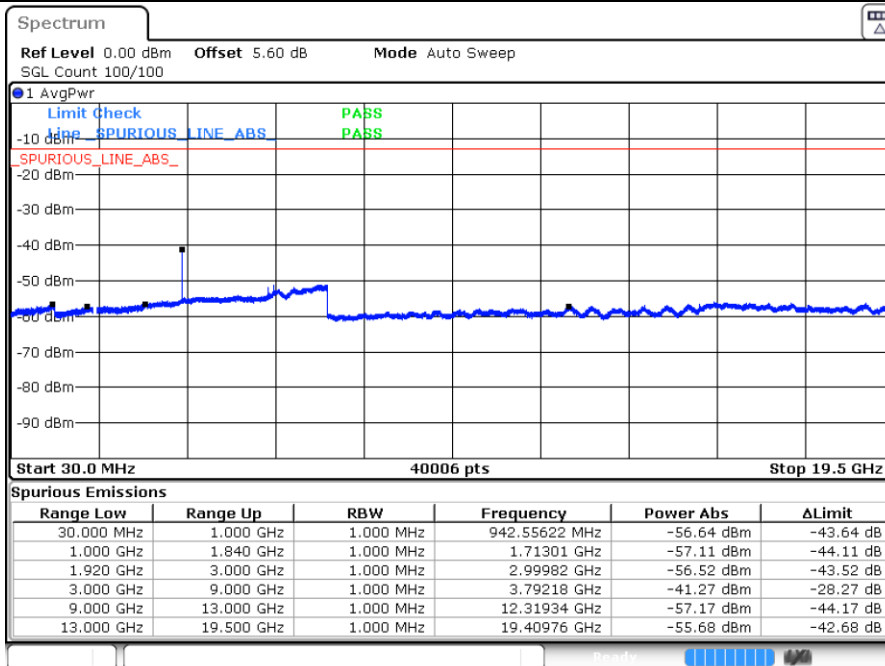
Middle Channel / QPSK



Date: 25.OCT.2023 19:39:03

Date: 25.OCT.2023 19:43:26

Highest Channel / QPSK



Date: 25.OCT.2023 19:46:13



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	0.0026	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0014	

Note:

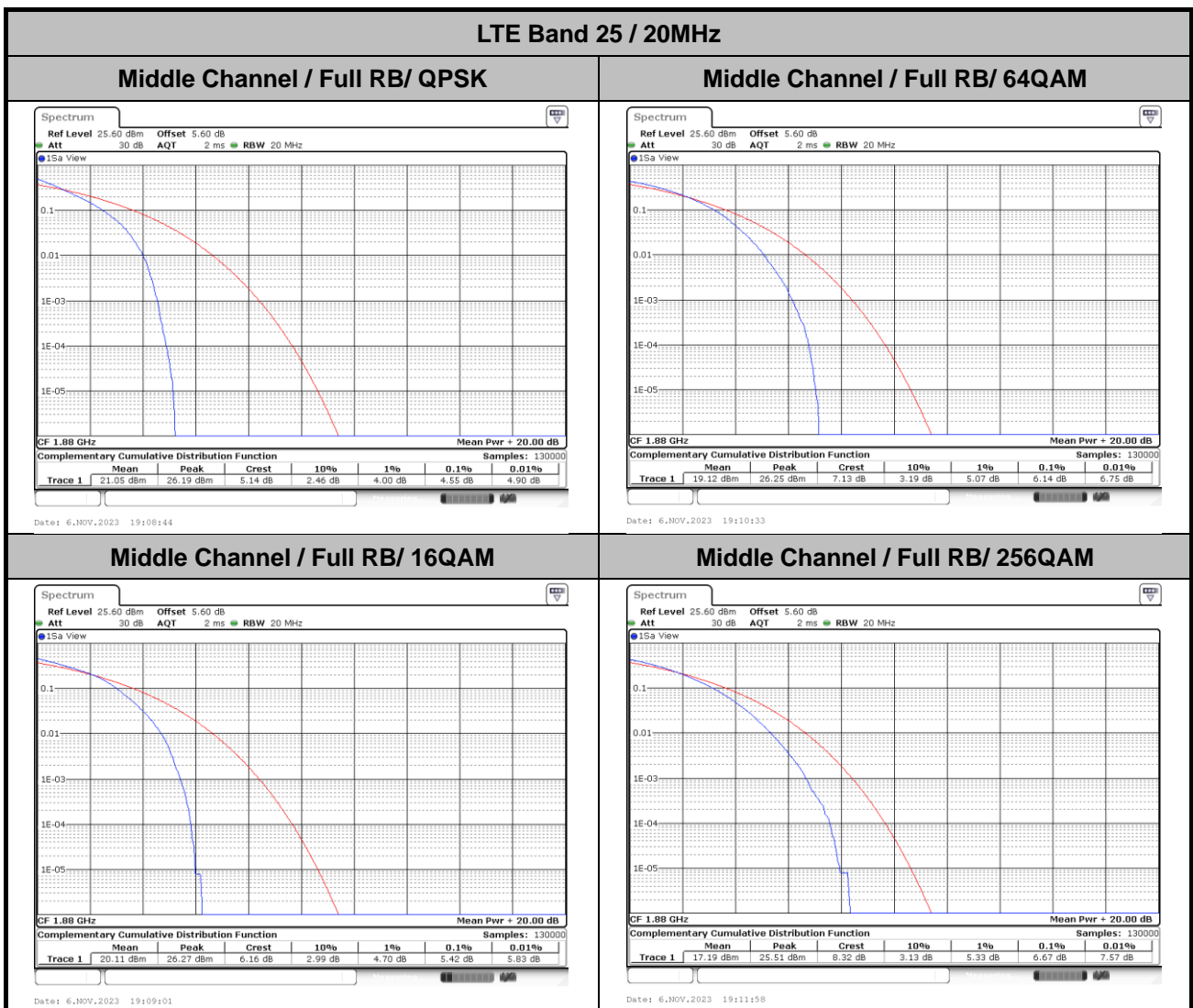
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25(Other PA)

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	4.55	5.42	6.14	6.67	PASS





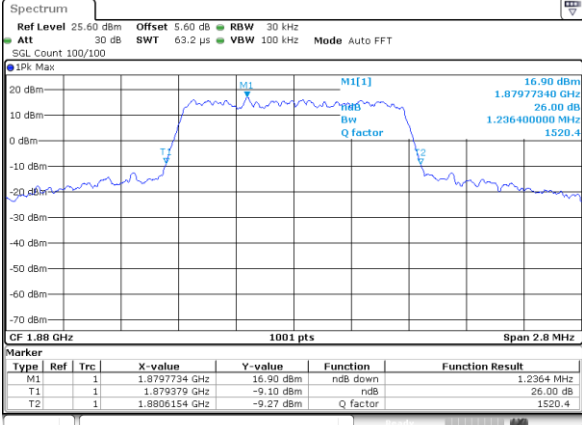
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.24	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.04	2.99
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.88	4.98
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.77
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.60	14.48
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.06	18.82



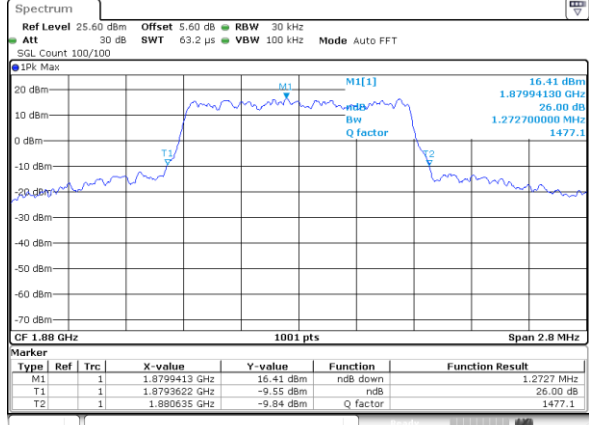
LTE Band 25

Middle Channel / 1.4MHz / QPSK



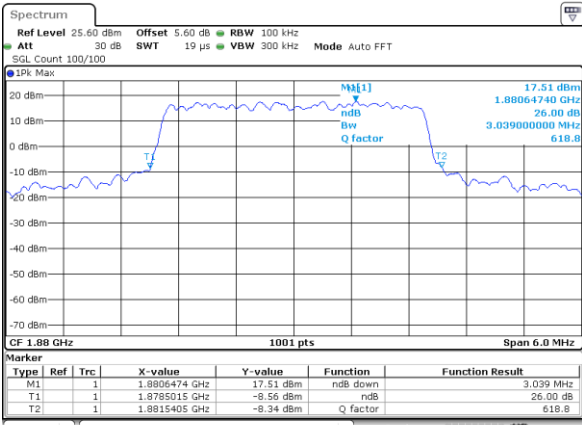
Date: 6,NOV,2023 18:08:22

Middle Channel / 1.4MHz / 16QAM



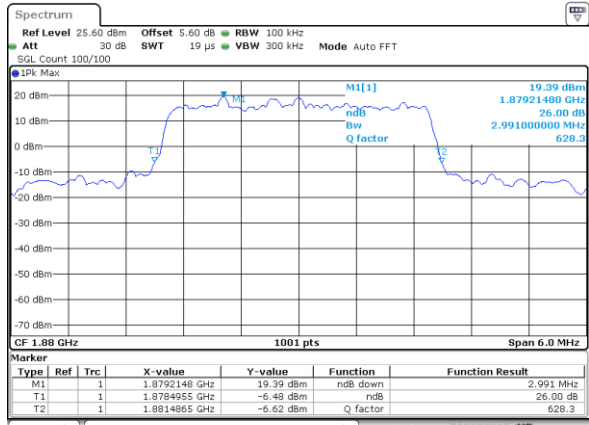
Date: 6,NOV,2023 18:10:04

Middle Channel / 3MHz / QPSK



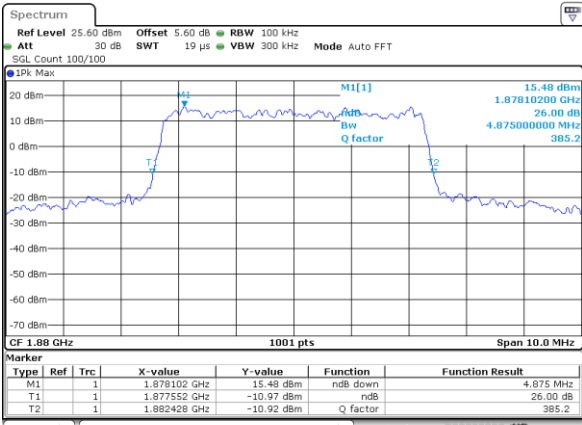
Date: 6,NOV,2023 18:11:06

Middle Channel / 3MHz / 16QAM



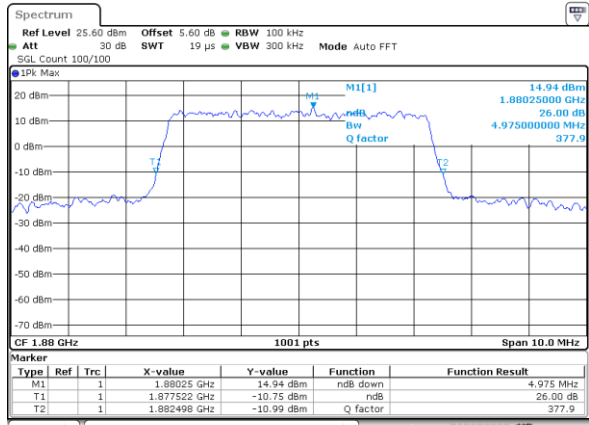
Date: 6,NOV,2023 18:11:29

Middle Channel / 5MHz / QPSK



Date: 6,NOV,2023 18:12:50

Middle Channel / 5MHz / 16QAM

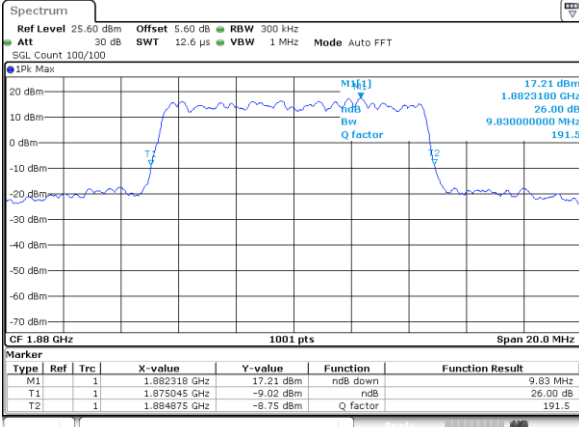


Date: 6,NOV,2023 18:12:12



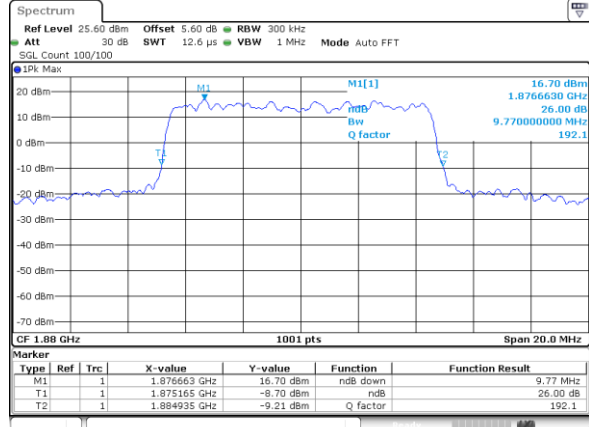
LTE Band 25

Middle Channel / 10MHz / QPSK



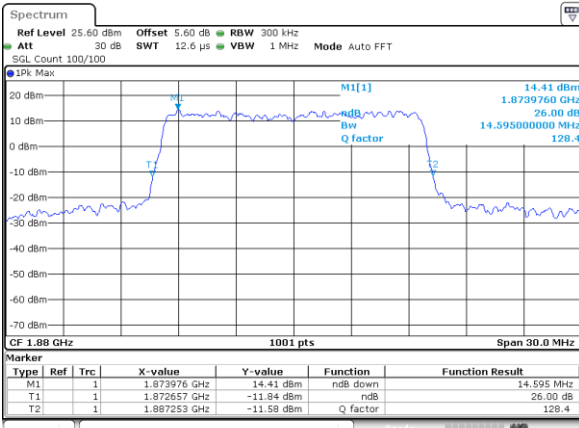
Date: 6,NOV,2023 18:14:00

Middle Channel / 10MHz / 16QAM



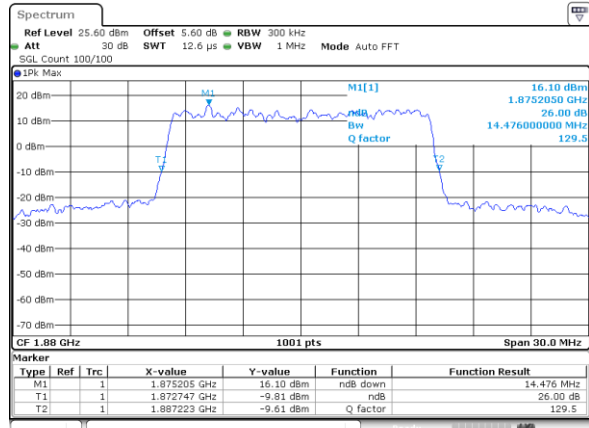
Date: 6,NOV,2023 18:14:22

Middle Channel / 15MHz / QPSK



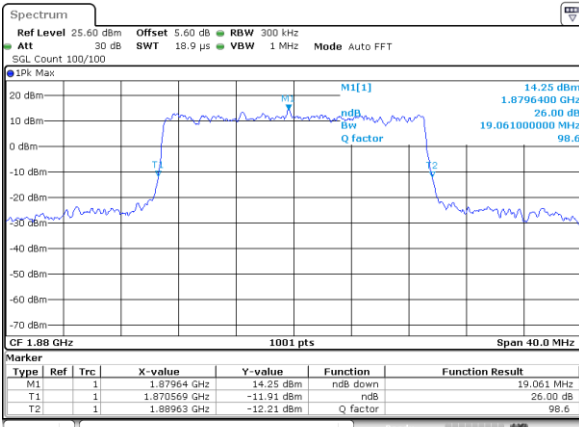
Date: 6,NOV,2023 19:05:58

Middle Channel / 15MHz / 16QAM



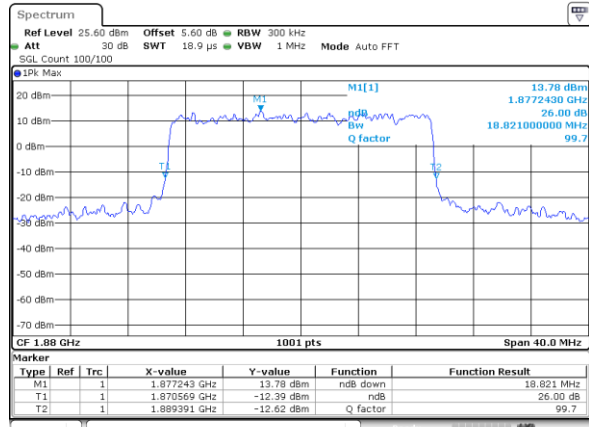
Date: 6,NOV,2023 19:06:17

Middle Channel / 20MHz / QPSK



Date: 6,NOV,2023 19:08:01

Middle Channel / 20MHz / 16QAM



Date: 6,NOV,2023 19:08:25



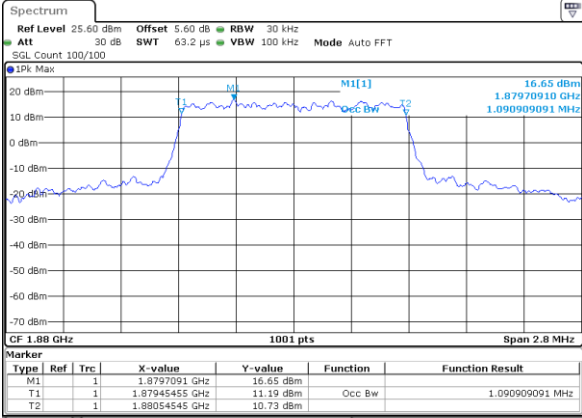
Occupied Bandwidth

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	2.73	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.52
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.49
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.90



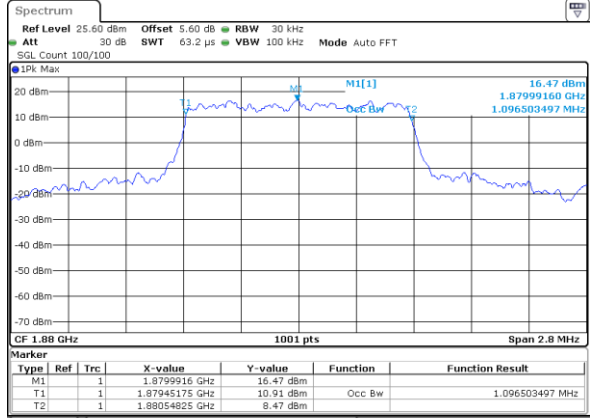
LTE Band 25

Middle Channel / 1.4MHz / QPSK



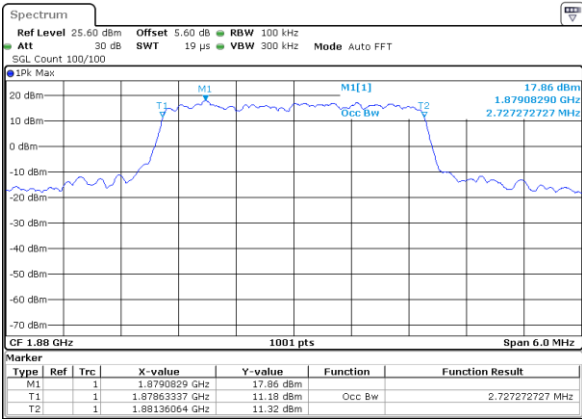
Date: 6,NOV,2023 18:07:40

Middle Channel / 1.4MHz / 16QAM



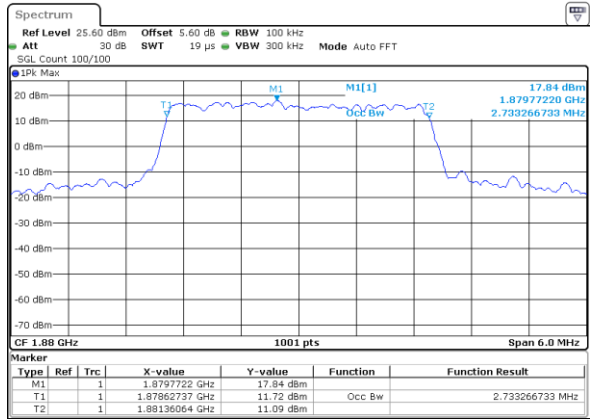
Date: 6,NOV,2023 18:09:50

Middle Channel / 3MHz / QPSK



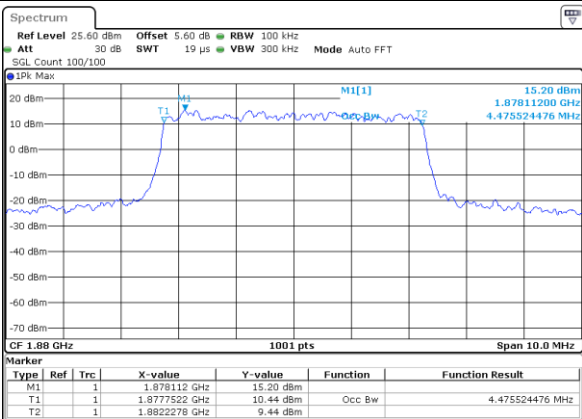
Date: 6,NOV,2023 18:10:49

Middle Channel / 3MHz / 16QAM



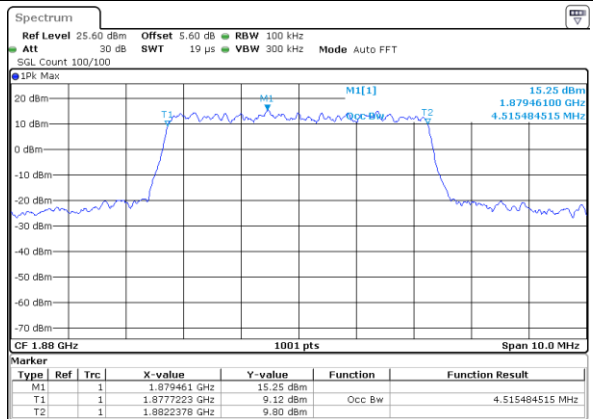
Date: 6,NOV,2023 18:11:20

Middle Channel / 5MHz / QPSK



Date: 6,NOV,2023 18:12:38

Middle Channel / 5MHz / 16QAM

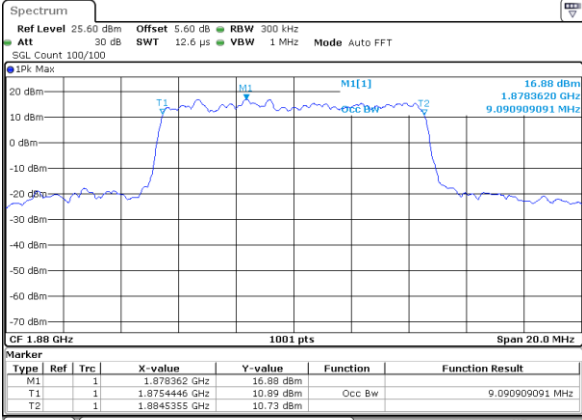


Date: 6,NOV,2023 18:12:05



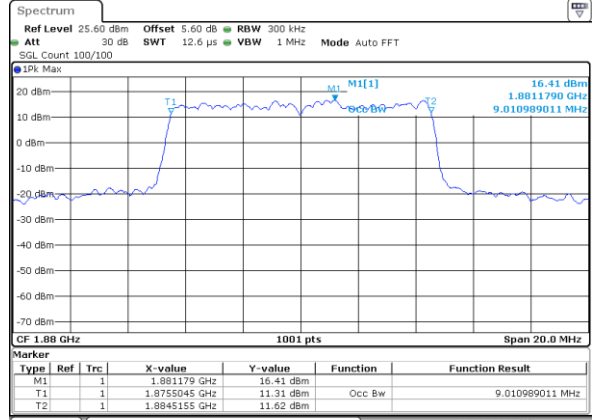
LTE Band 25

Middle Channel / 10MHz / QPSK



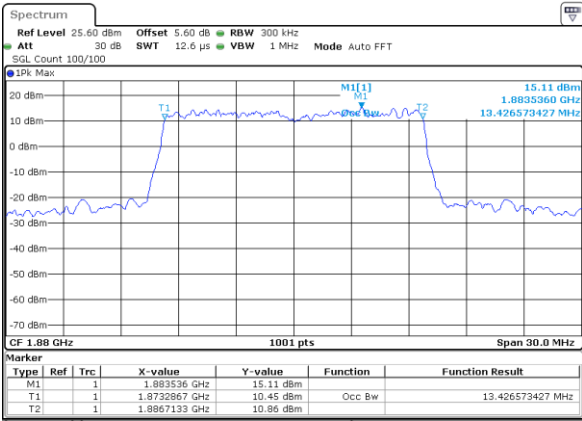
Date: 6,NOV,2023 18:13:47

Middle Channel / 10MHz / 16QAM



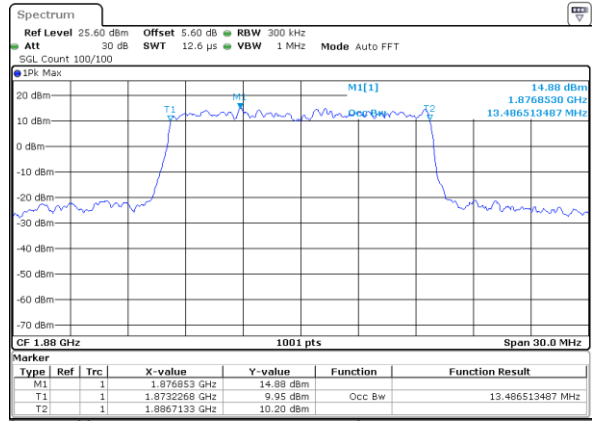
Date: 6,NOV,2023 18:14:14

Middle Channel / 15MHz / QPSK



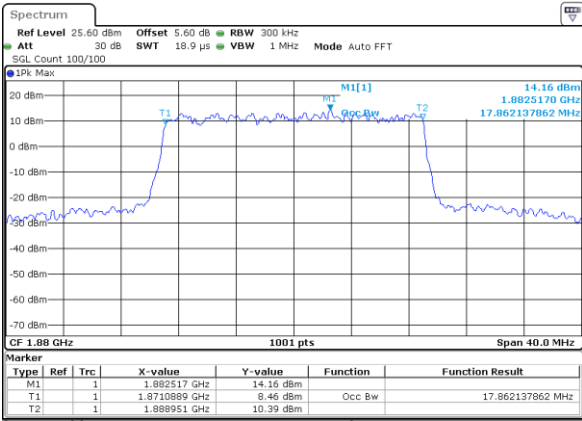
Date: 6,NOV,2023 19:05:45

Middle Channel / 15MHz / 16QAM



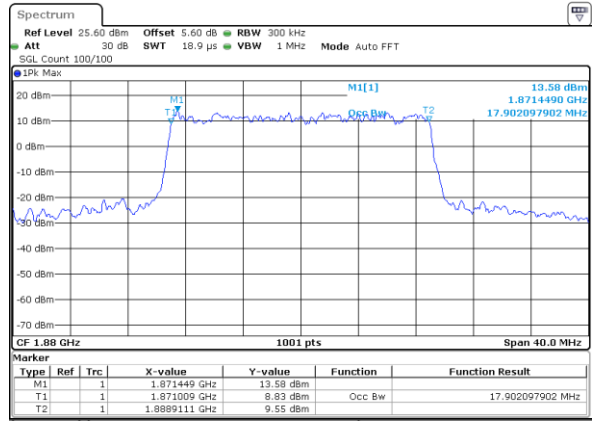
Date: 6,NOV,2023 19:06:08

Middle Channel / 20MHz / QPSK



Date: 6,NOV,2023 19:07:51

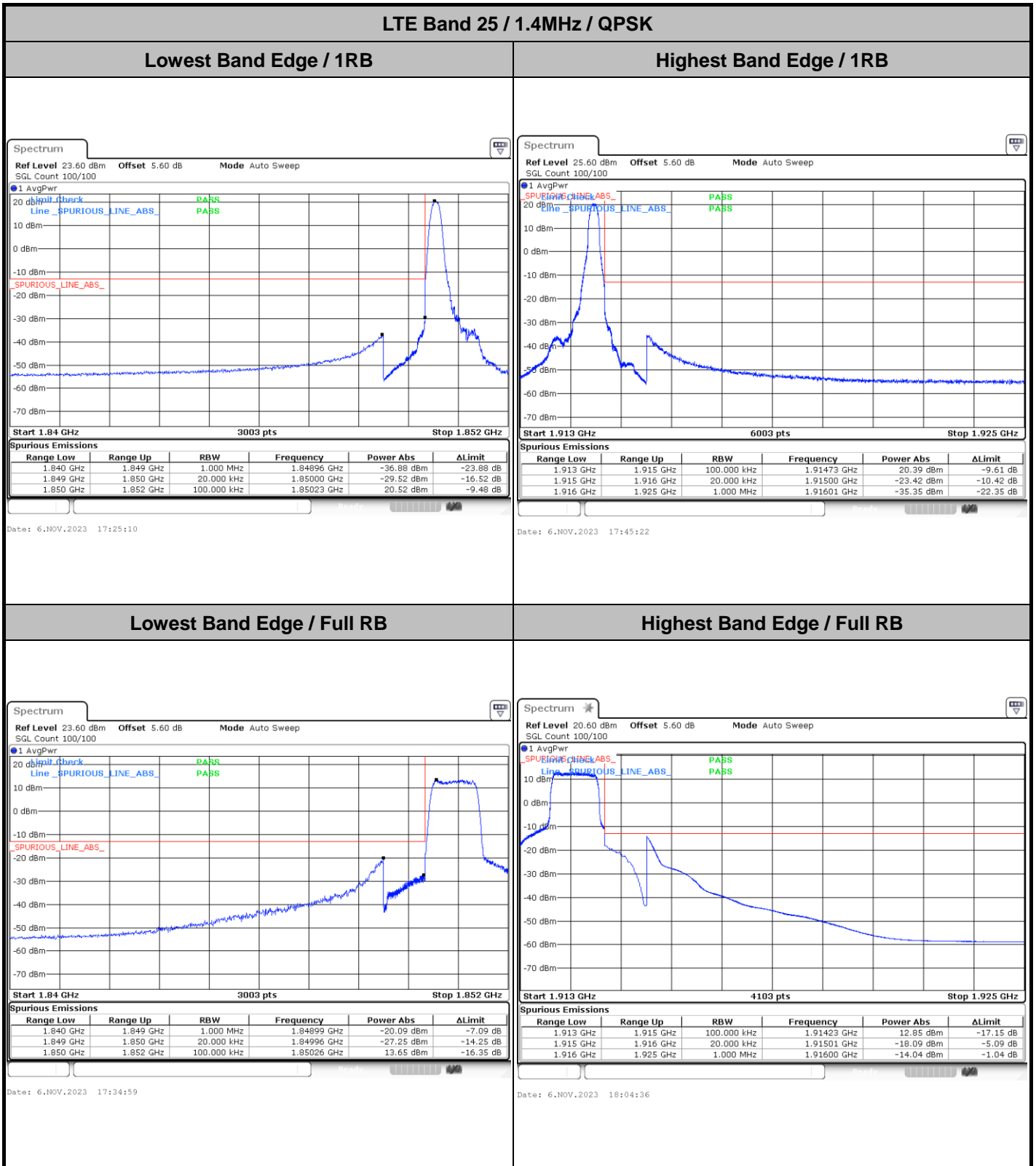
Middle Channel / 20MHz / 16QAM



Date: 6,NOV,2023 19:08:17



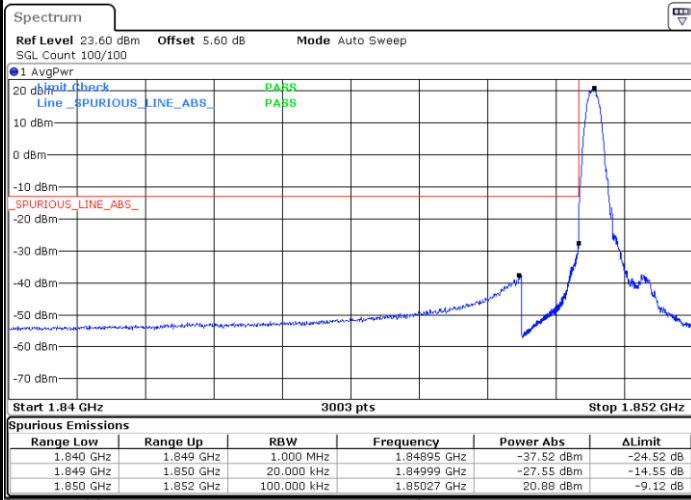
Conducted Band Edge





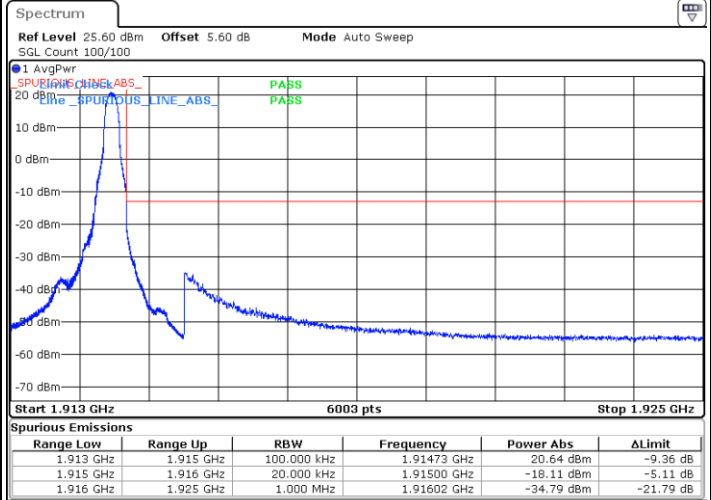
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



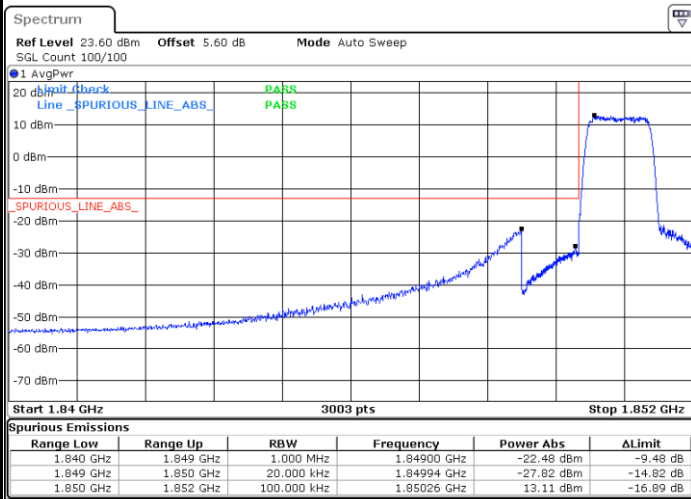
Date: 6.NOV.2023 17:27:56

Highest Band Edge / 1 RB



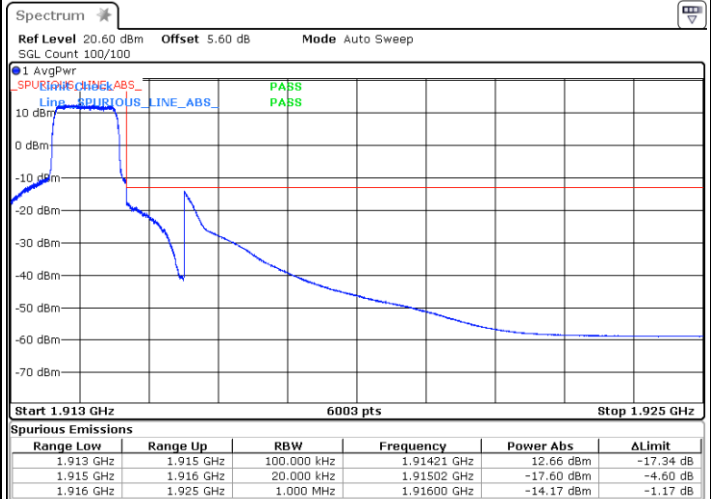
Date: 6.NOV.2023 17:47:21

Lowest Band Edge / Full RB



Date: 6.NOV.2023 17:36:14

Highest Band Edge / Full RB

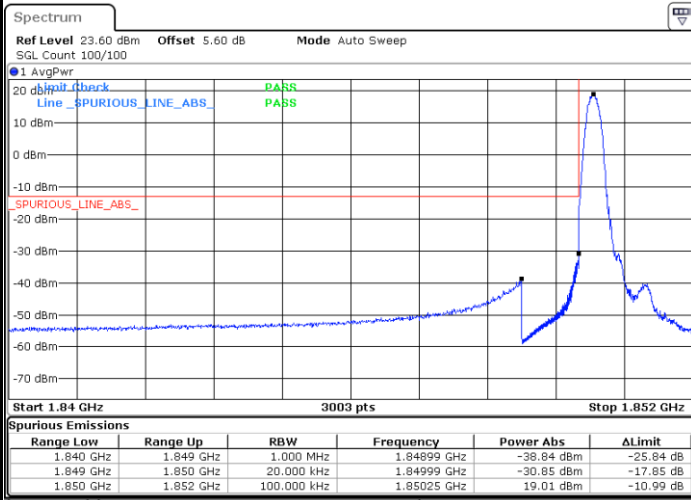


Date: 6.NOV.2023 17:57:02



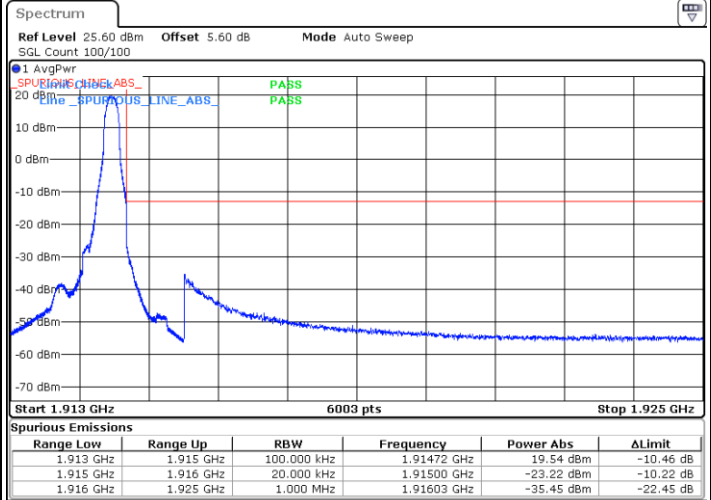
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



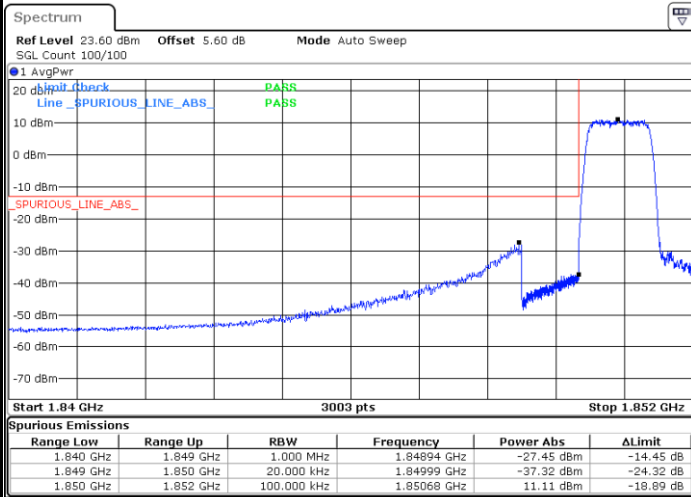
Date: 6.NOV.2023 17:30:18

Highest Band Edge / 1 RB



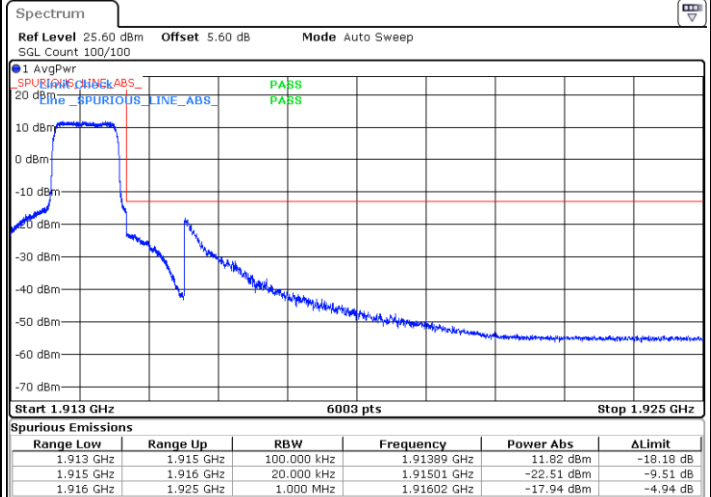
Date: 6.NOV.2023 17:50:51

Lowest Band Edge / Full RB



Date: 6.NOV.2023 17:38:56

Highest Band Edge / Full RB

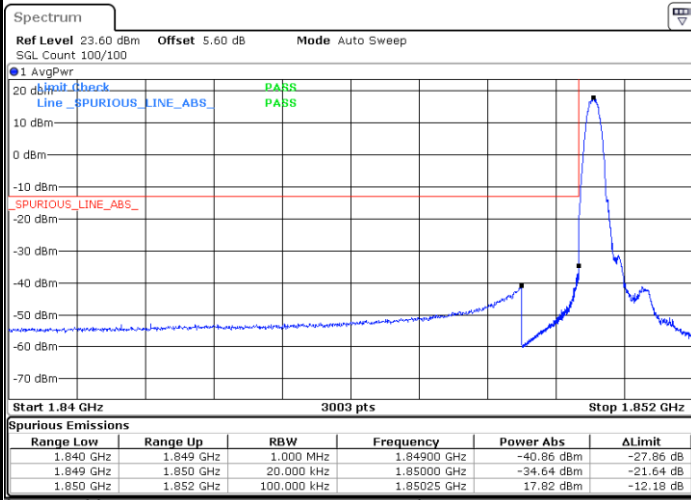


Date: 6.NOV.2023 17:54:22



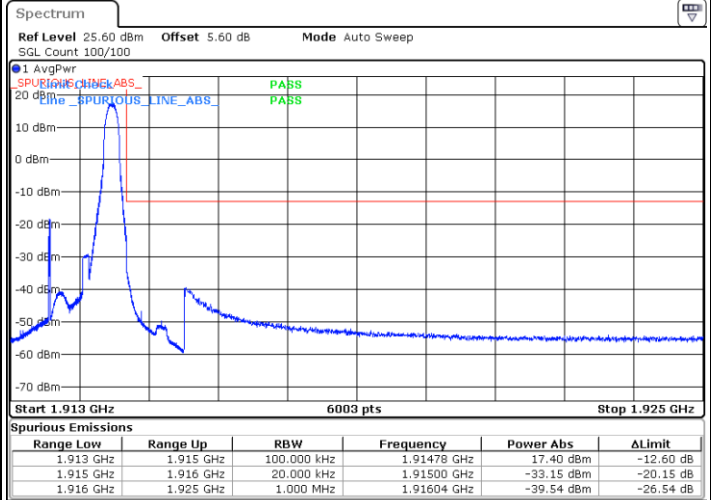
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



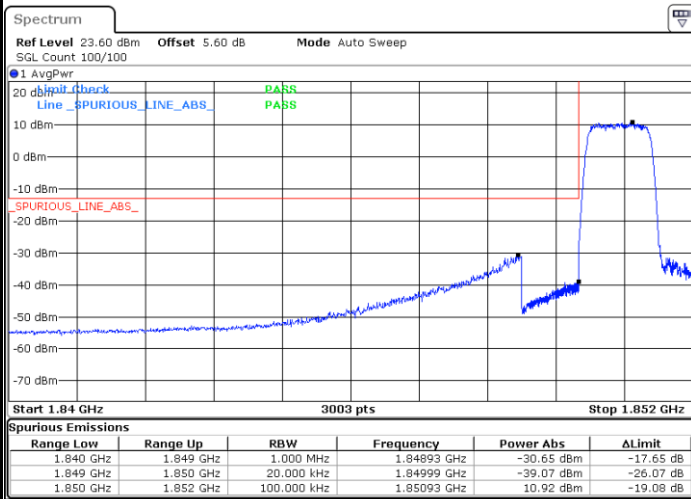
Date: 6.NOV.2023 17:40:34

Highest Band Edge / 1 RB



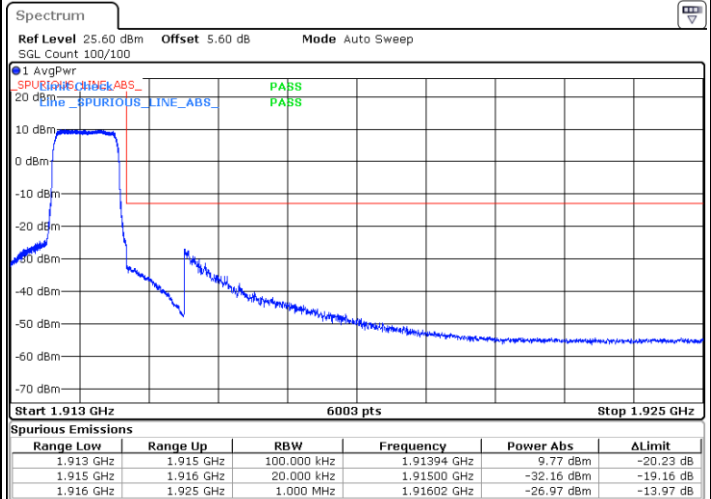
Date: 6.NOV.2023 17:48:54

Lowest Band Edge / Full RB



Date: 6.NOV.2023 17:37:36

Highest Band Edge / Full RB

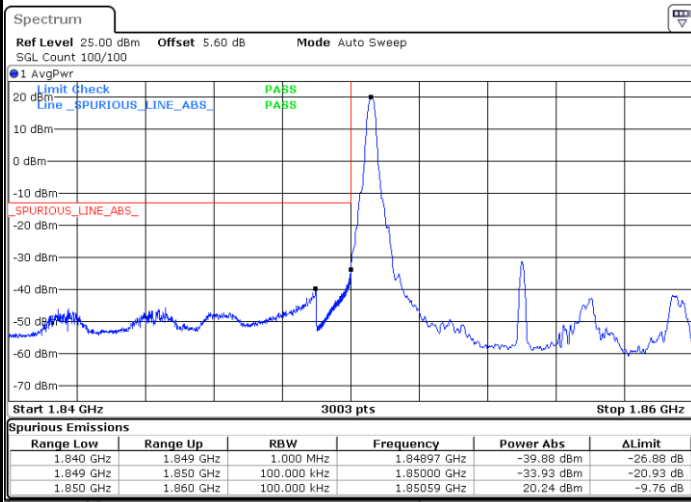


Date: 6.NOV.2023 17:52:22



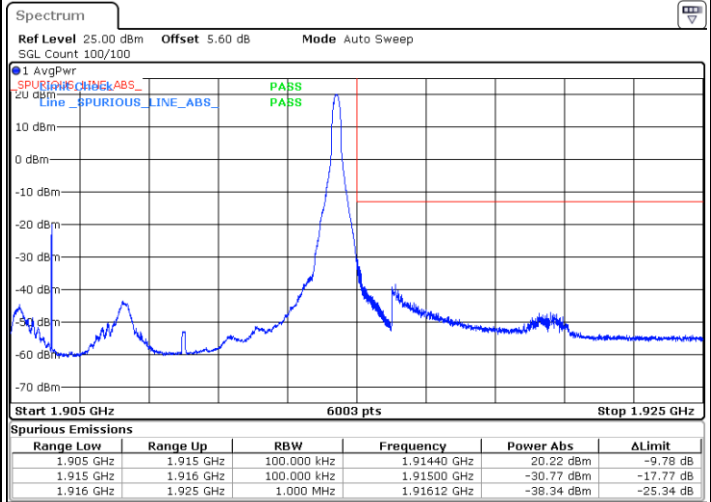
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



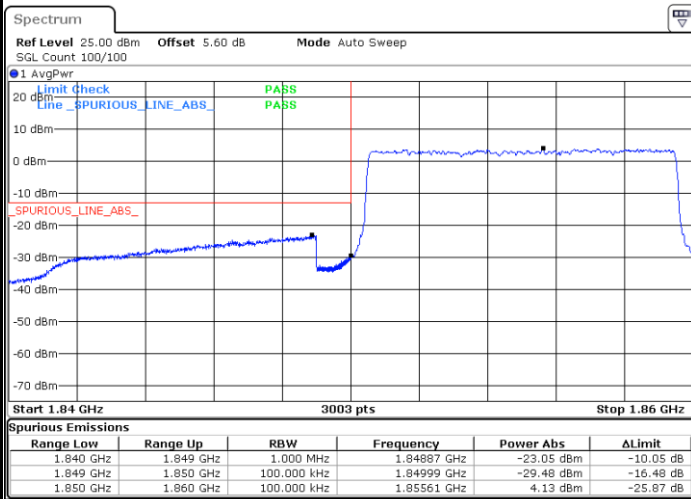
Date: 6.NOV.2023 18:19:15

Highest Band Edge / 1 RB



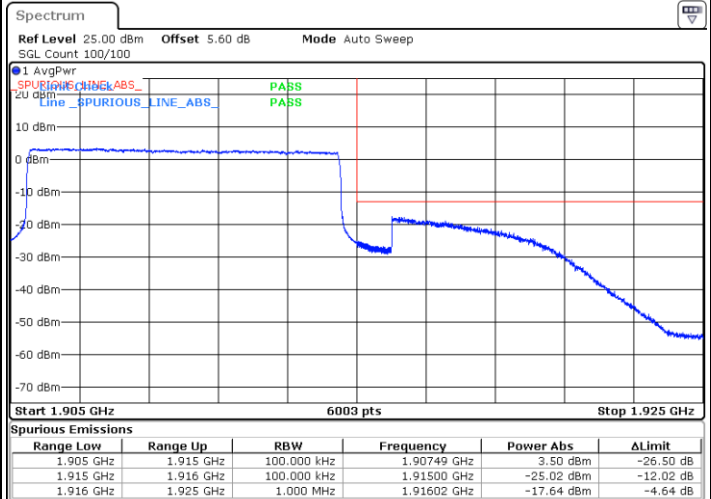
Date: 6.NOV.2023 18:58:46

Lowest Band Edge / Full RB



Date: 6.NOV.2023 18:24:08

Highest Band Edge / Full RB

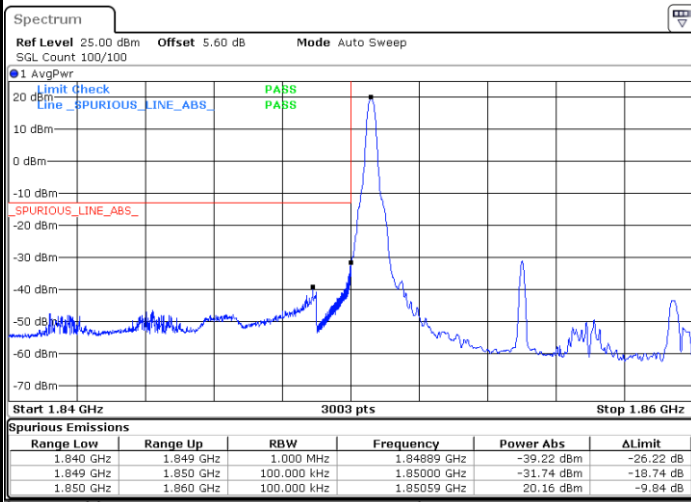


Date: 6.NOV.2023 18:42:20



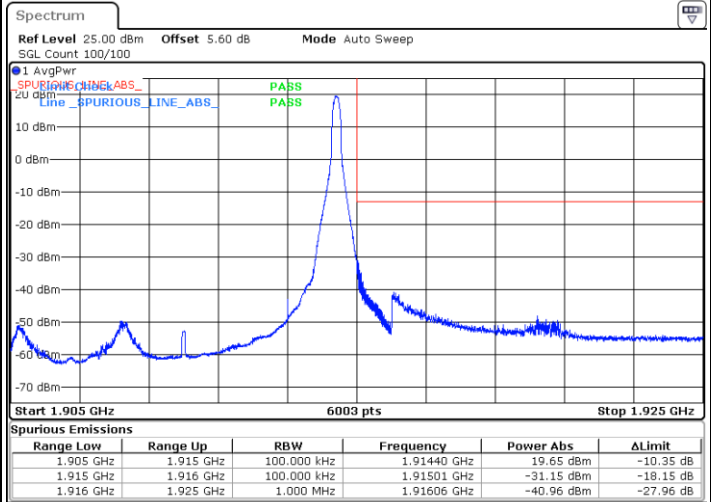
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



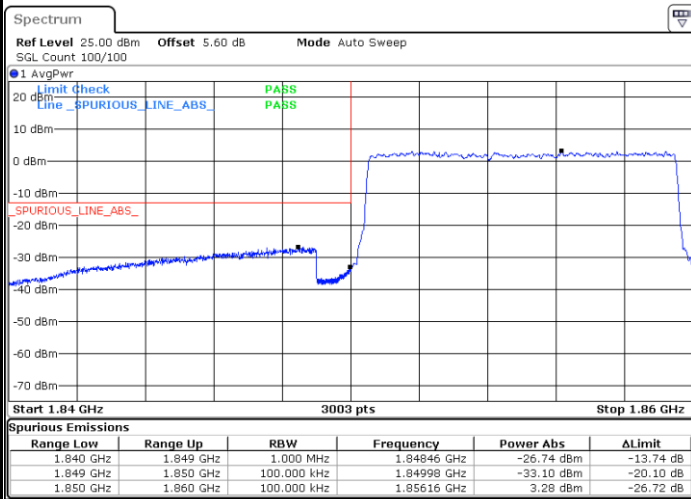
Date: 6.NOV.2023 18:19:45

Highest Band Edge / 1 RB



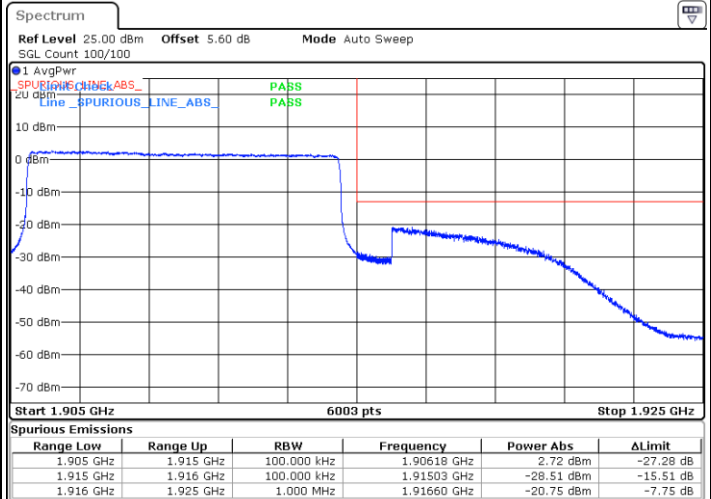
Date: 6.NOV.2023 18:56:16

Lowest Band Edge / Full RB



Date: 6.NOV.2023 18:23:31

Highest Band Edge / Full RB

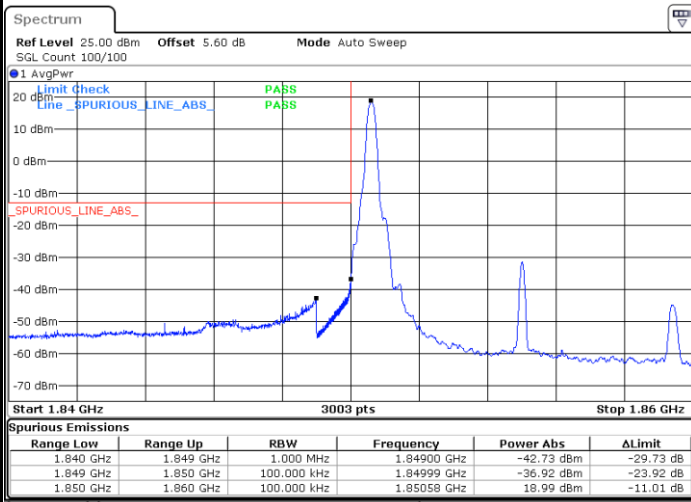


Date: 6.NOV.2023 18:49:02



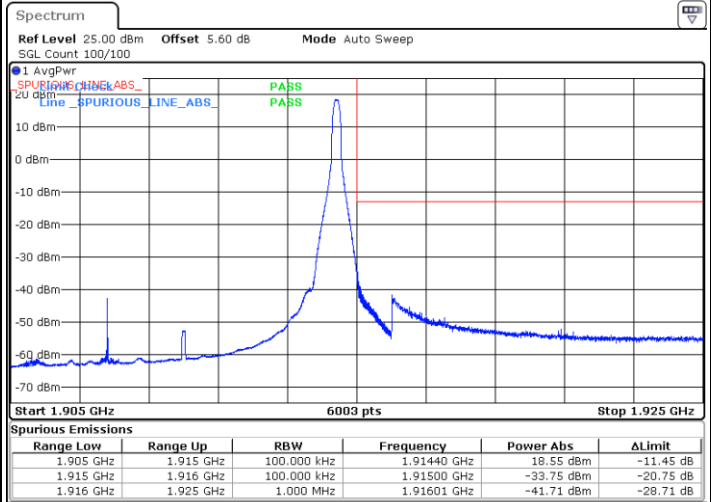
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



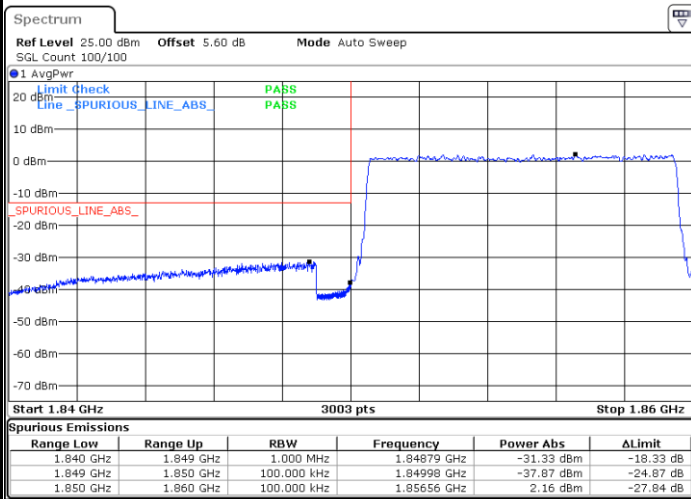
Date: 6.NOV.2023 18:21:15

Highest Band Edge / 1 RB



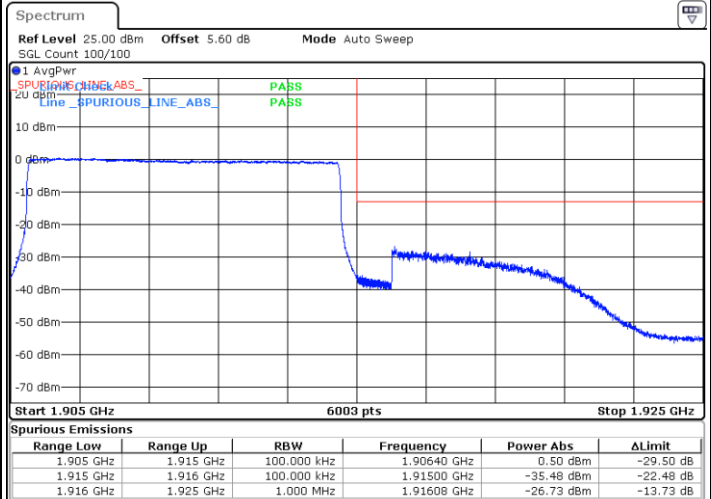
Date: 6.NOV.2023 18:54:30

Lowest Band Edge / Full RB



Date: 6.NOV.2023 18:22:57

Highest Band Edge / Full RB

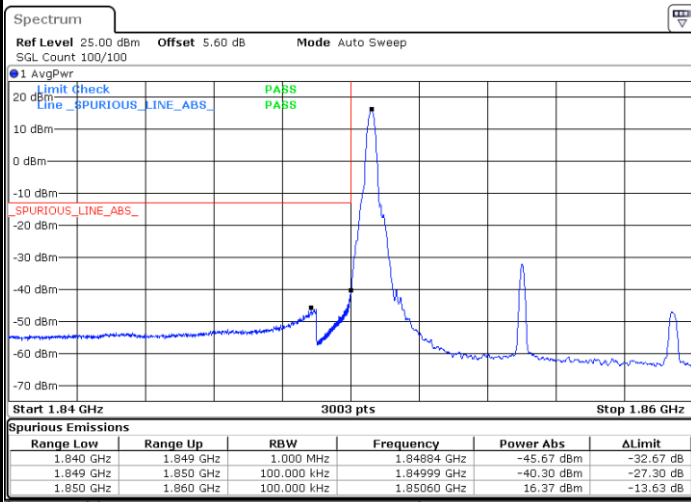


Date: 6.NOV.2023 18:51:57



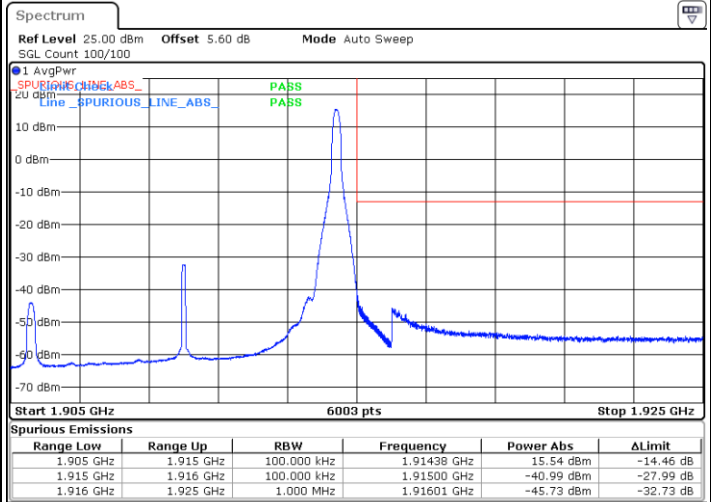
LTE Band 25 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



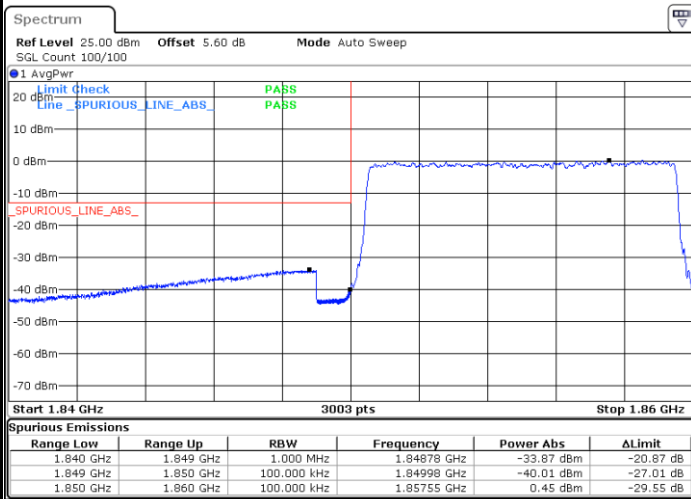
Date: 6.NOV.2023 18:20:18

Highest Band Edge / 1 RB



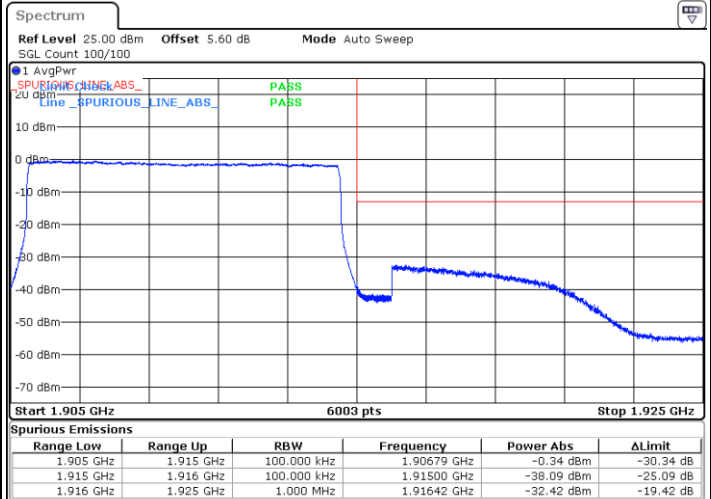
Date: 6.NOV.2023 18:52:57

Lowest Band Edge / Full RB



Date: 6.NOV.2023 18:22:08

Highest Band Edge / Full RB

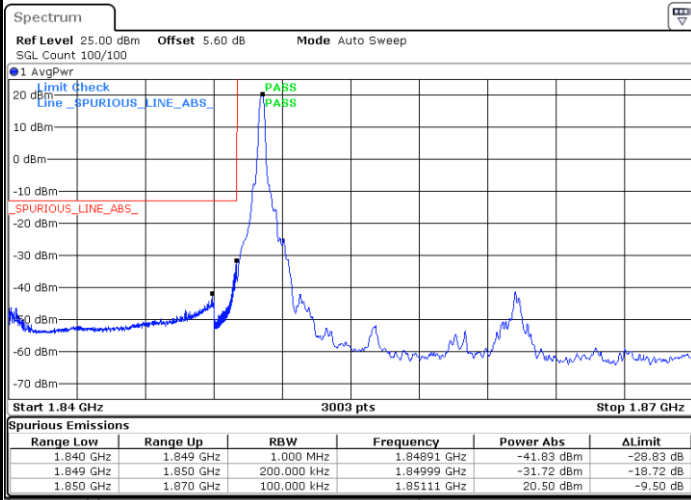


Date: 6.NOV.2023 18:51:09



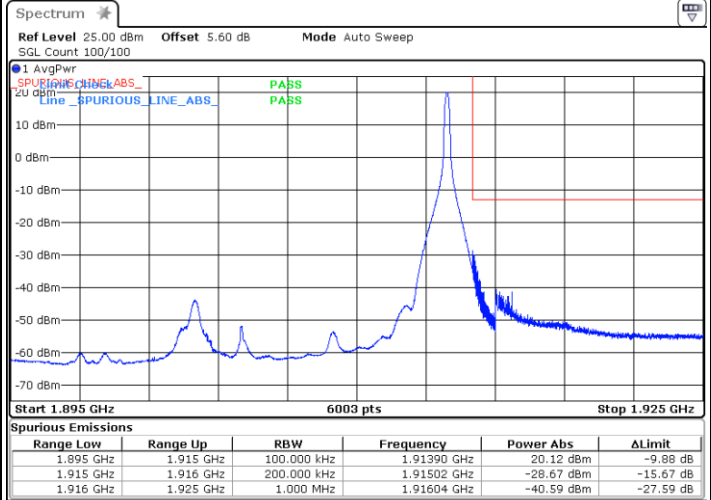
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



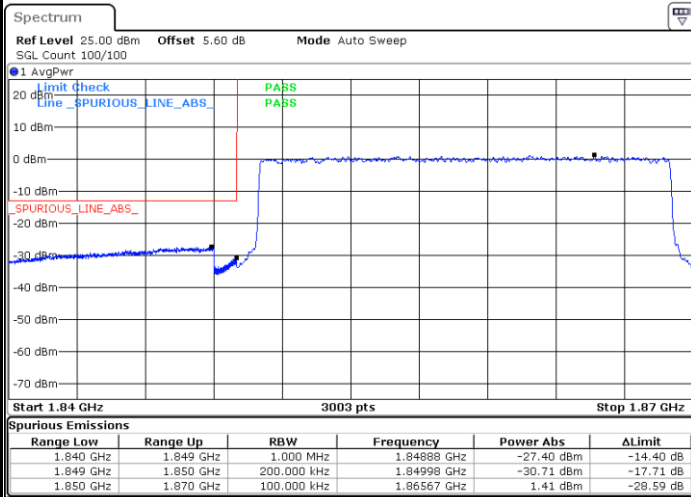
Date: 6.NOV.2023 19:21:02

Highest Band Edge / 1 RB



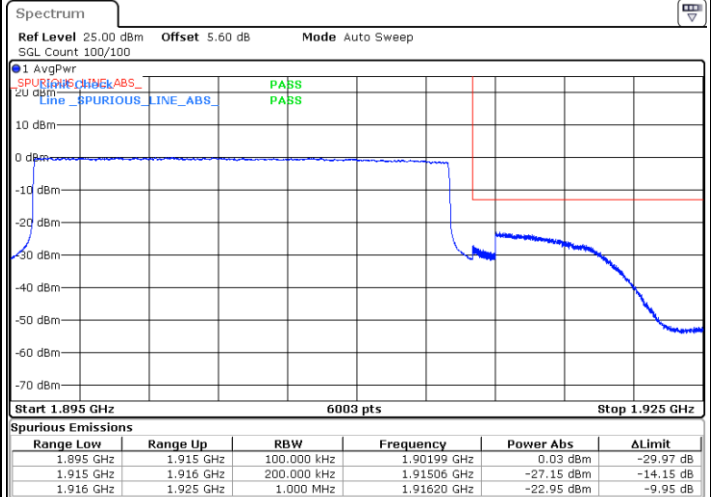
Date: 6.NOV.2023 19:45:22

Lowest Band Edge / Full RB



Date: 6.NOV.2023 19:29:40

Highest Band Edge / Full RB



Date: 6.NOV.2023 19:35:15