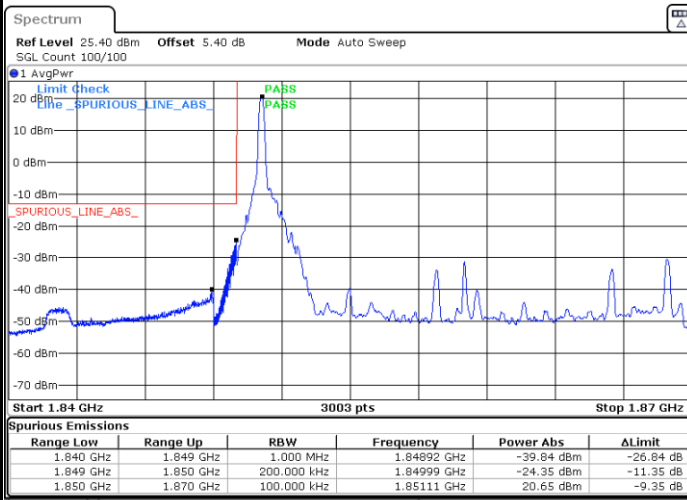


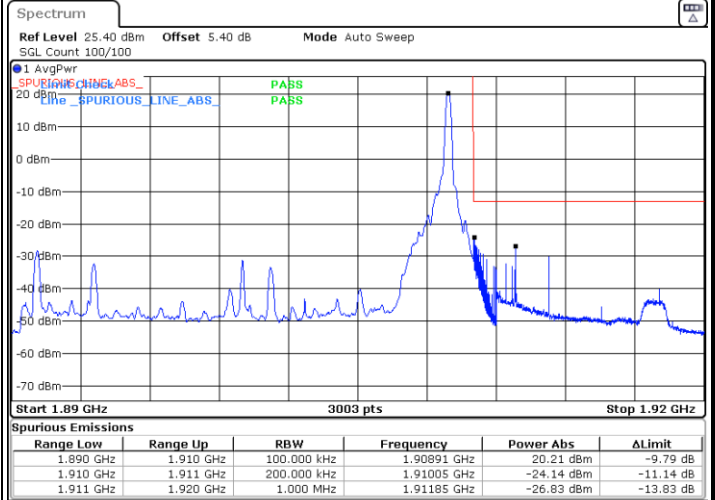


LTE Band 2 / 20MHz / QPSK

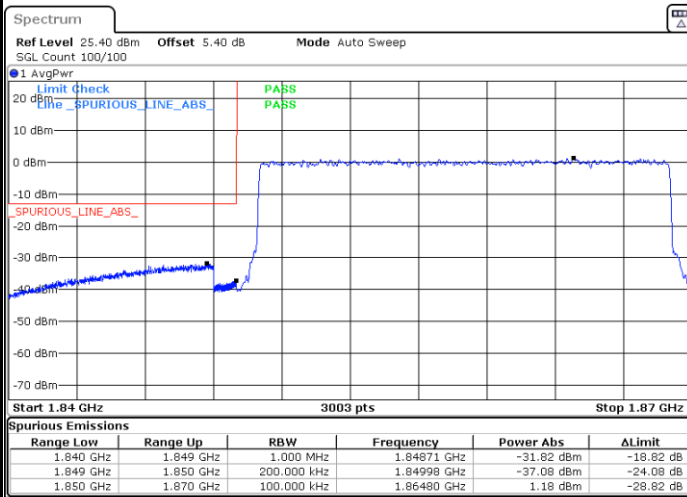
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



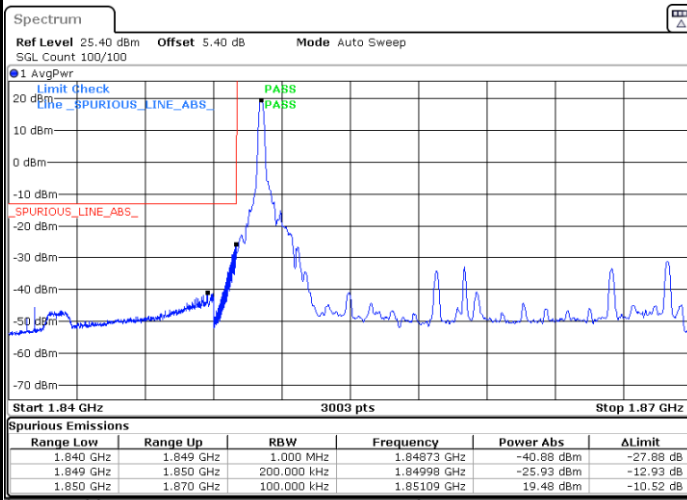
Highest Band Edge / Full RB





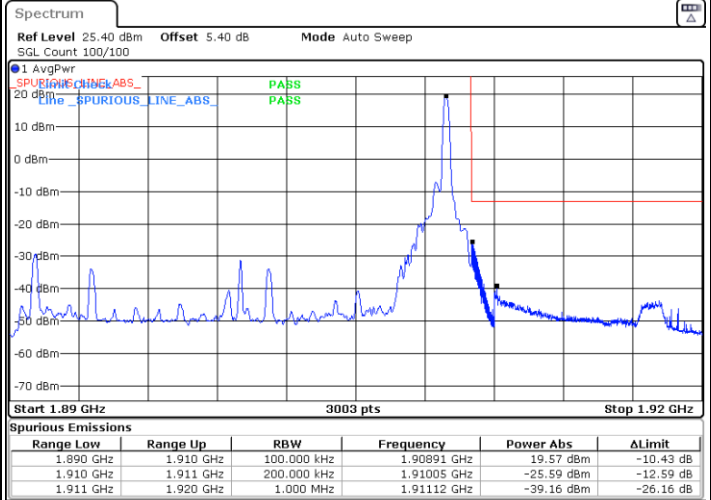
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



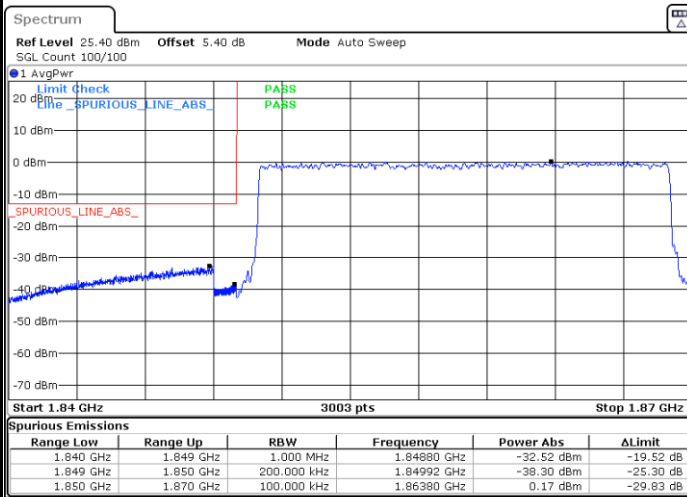
Date: 29 JUN 2023 21:29:41

Highest Band Edge / 1 RB



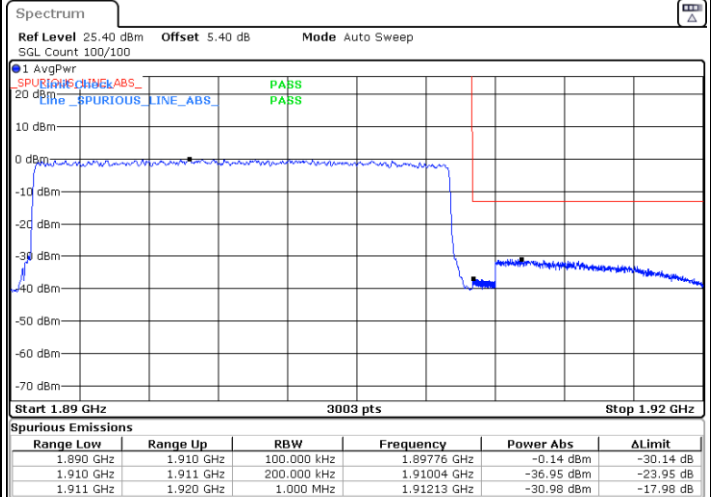
Date: 29 JUN 2023 21:34:25

Lowest Band Edge / Full RB



Date: 29 JUN 2023 21:31:55

Highest Band Edge / Full RB

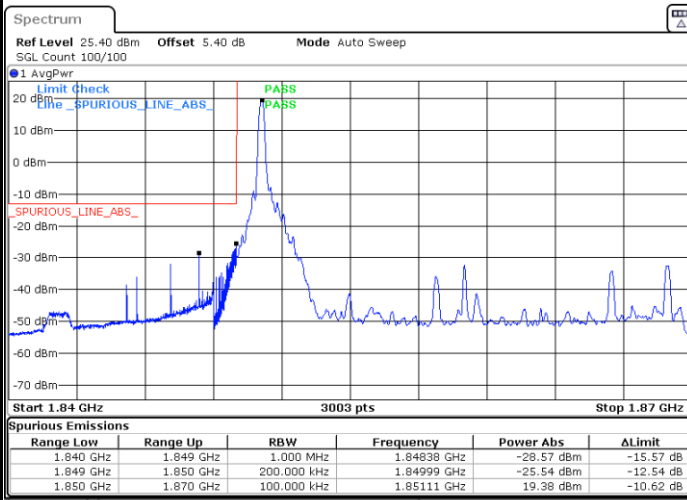


Date: 29 JUN 2023 21:36:54



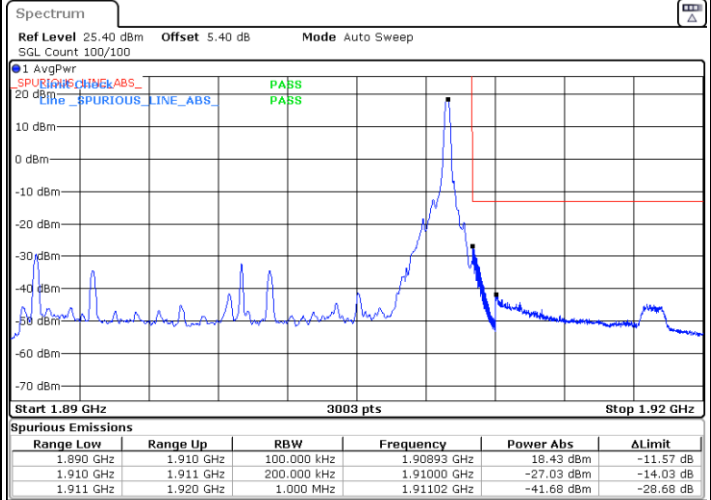
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



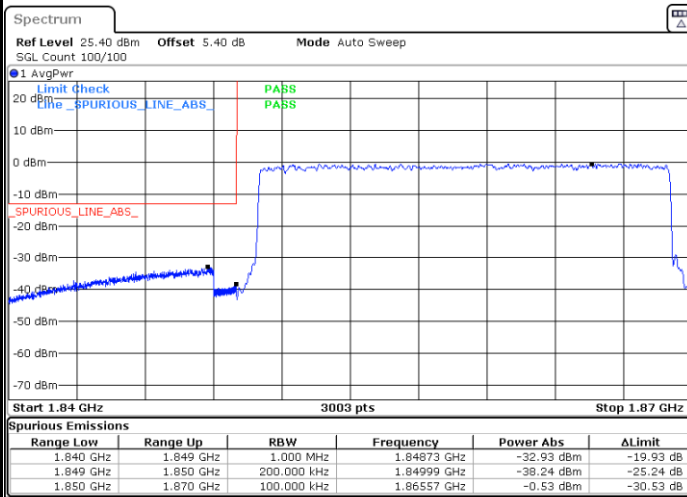
Date: 29 JUN 2023 22:03:58

Highest Band Edge / 1 RB



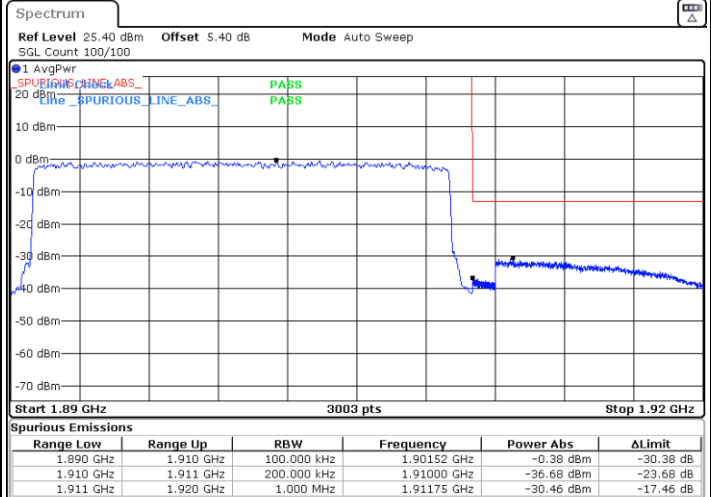
Date: 29 JUN 2023 22:06:27

Lowest Band Edge / Full RB



Date: 29 JUN 2023 22:05:12

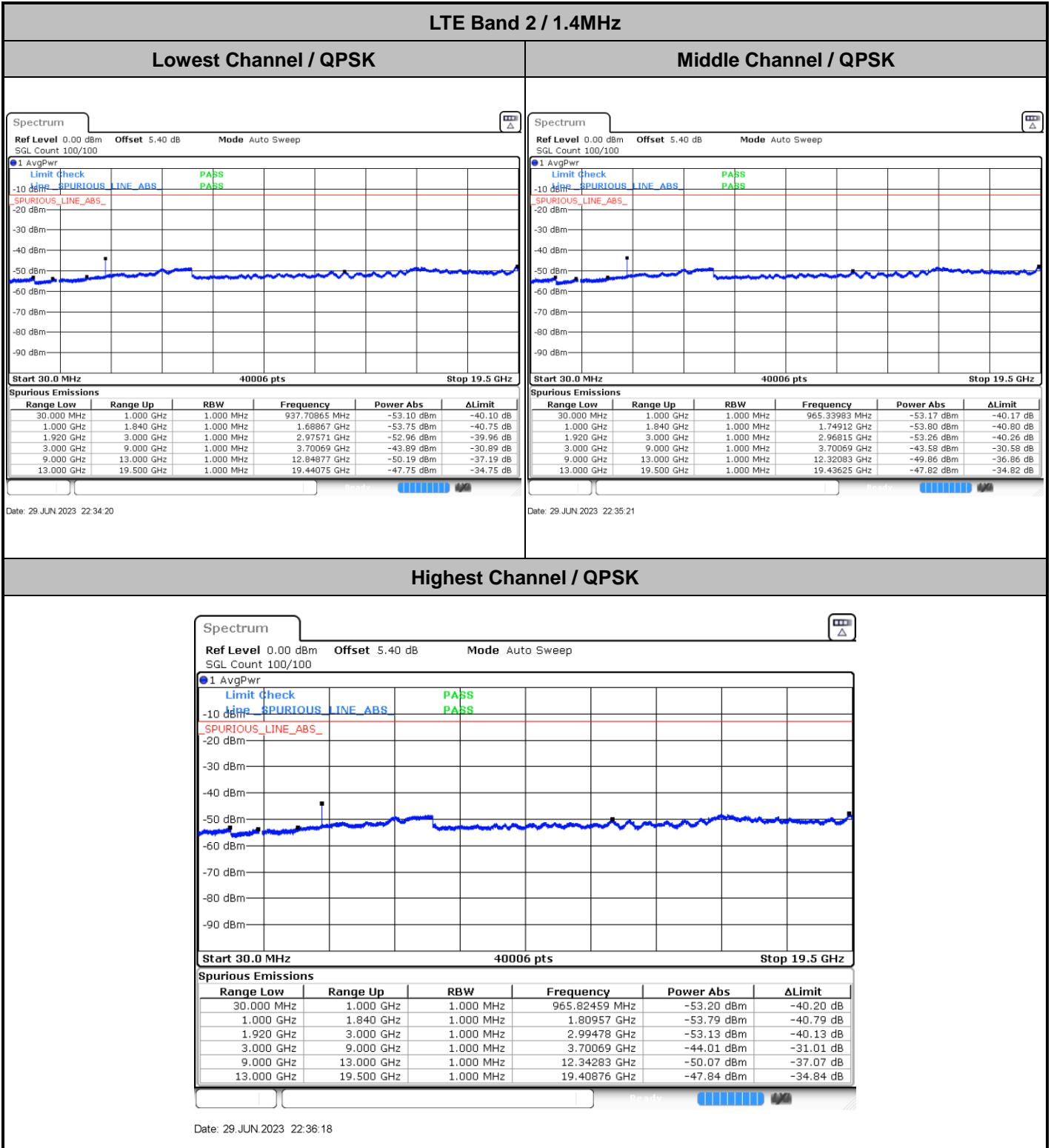
Highest Band Edge / Full RB



Date: 29 JUN 2023 22:07:42



Conducted Spurious Emission

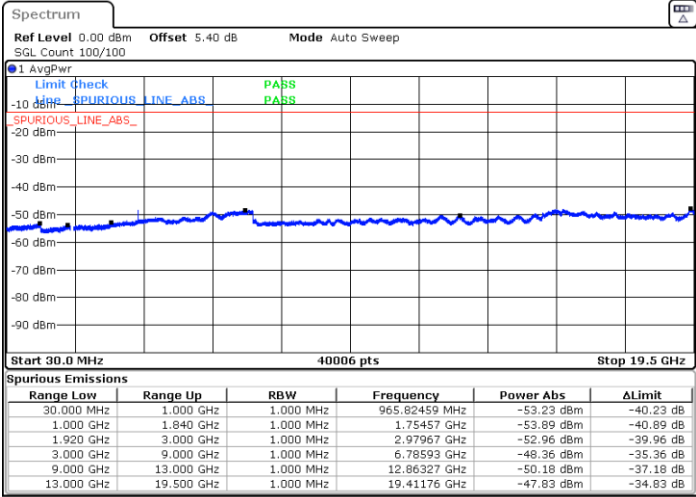




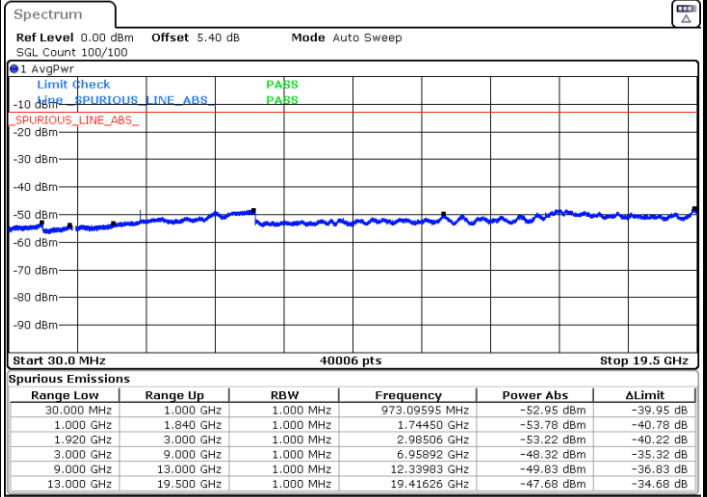
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

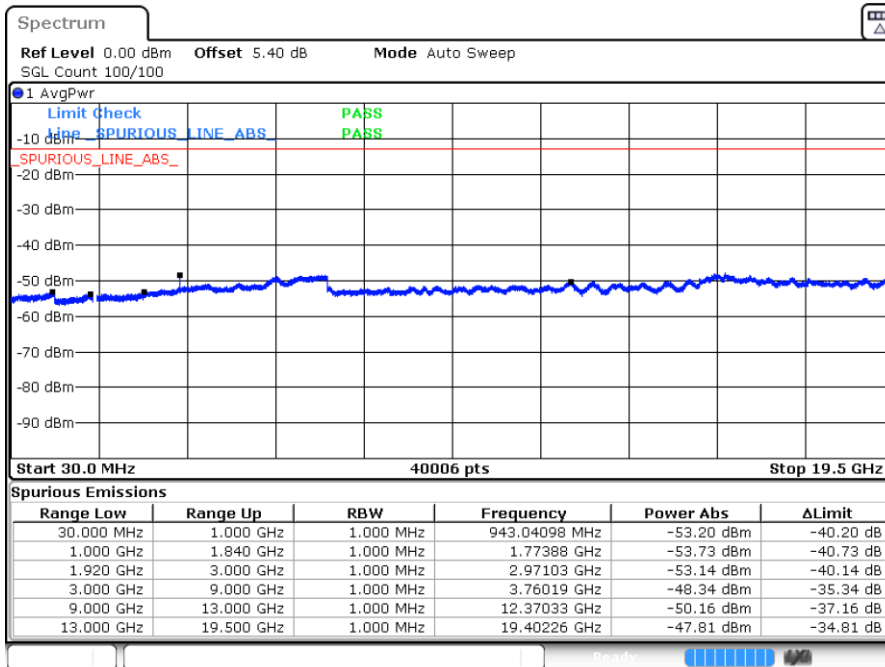


Date: 29 JUN 2023 22:40:04



Date: 29 JUN 2023 22:41:07

Highest Channel / QPSK



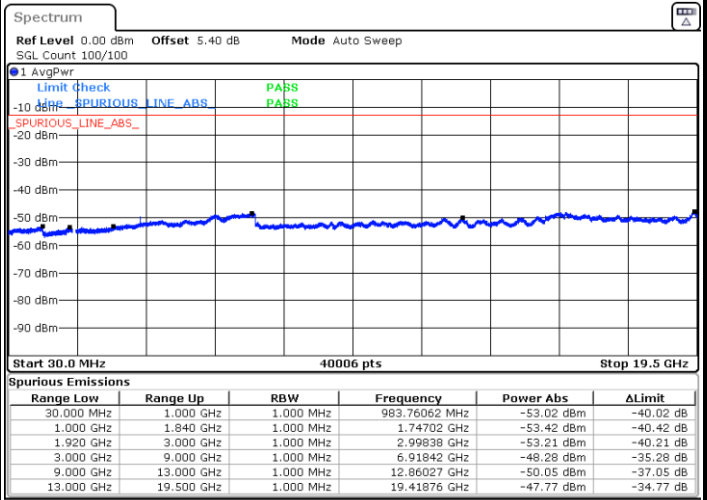
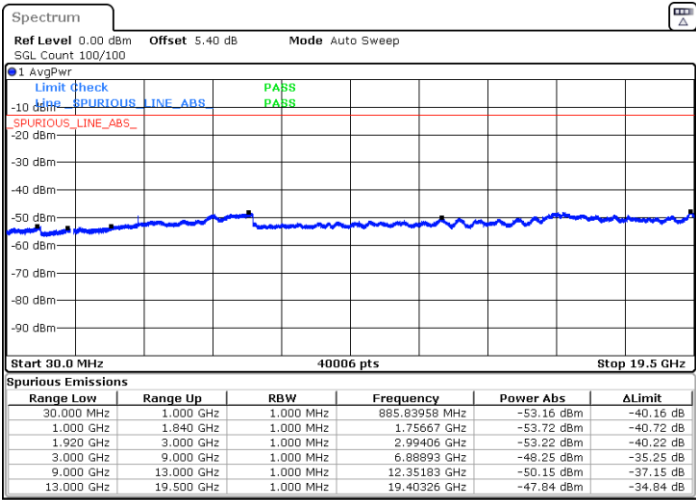
Date: 29 JUN 2023 22:42:10



LTE Band 2 / 5MHz

Lowest Channel / QPSK

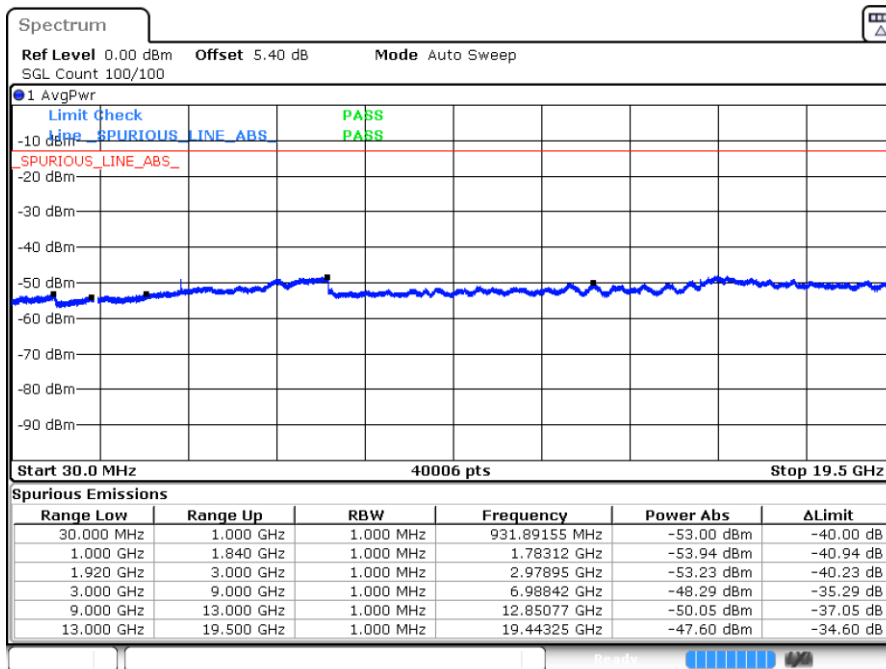
Middle Channel / QPSK



Date: 29 JUN 2023 22:48:08

Date: 29 JUN 2023 22:47:06

Highest Channel / QPSK



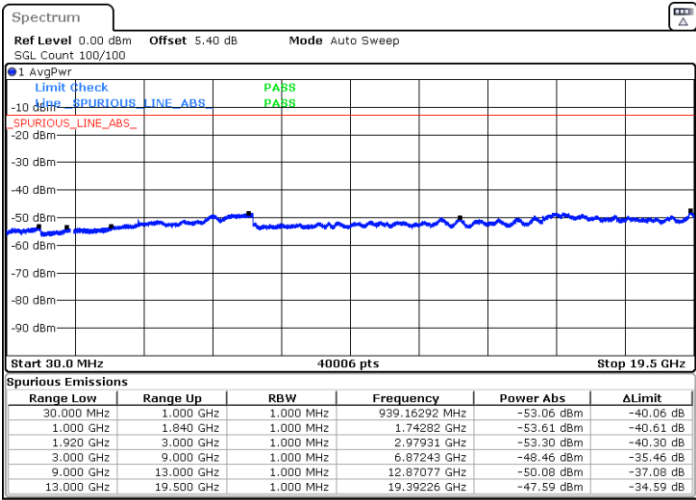
Date: 29 JUN 2023 22:48:53



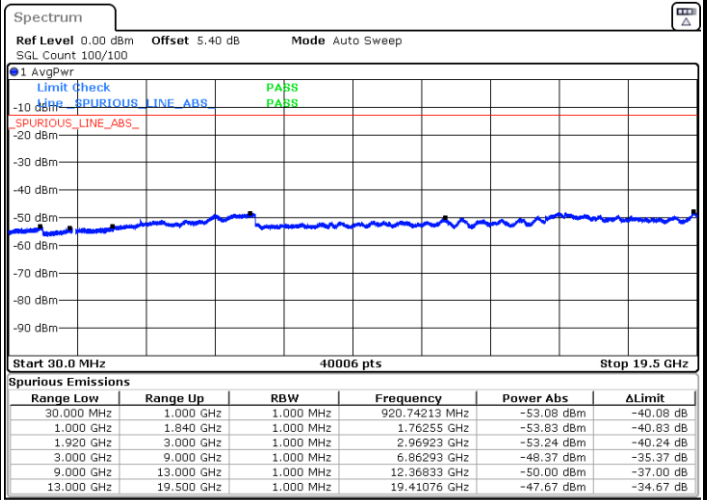
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

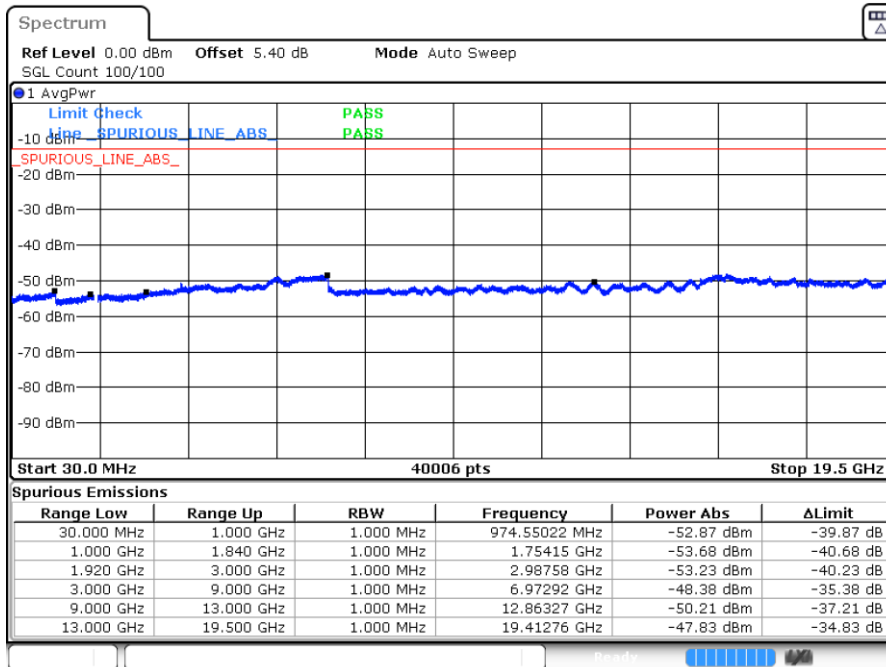


Date: 29 JUN 2023 22:50:53



Date: 29 JUN 2023 22:51:40

Highest Channel / QPSK



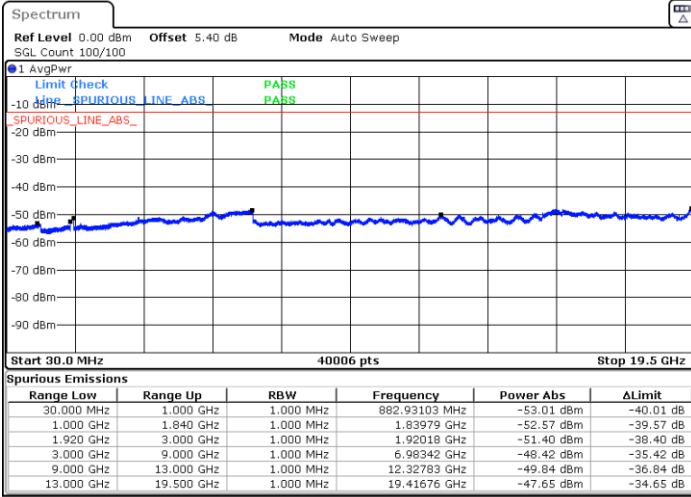
Date: 29 JUN 2023 22:52:25



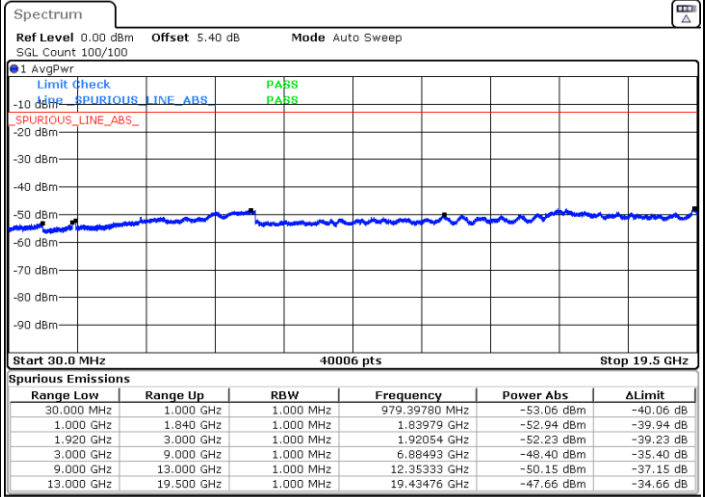
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

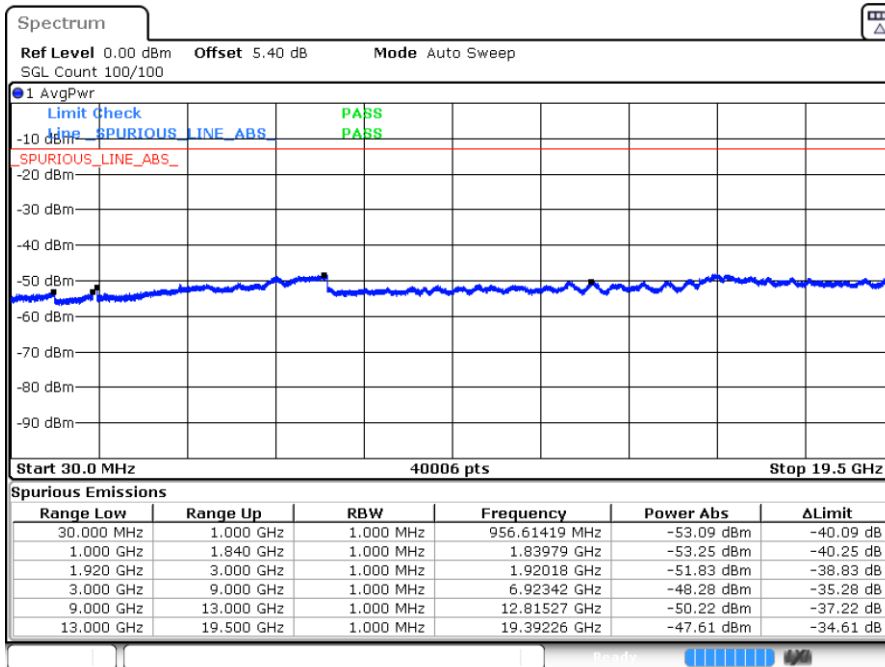


Date: 29 JUN 2023 22:54:40



Date: 29 JUN 2023 22:55:23

Highest Channel / QPSK



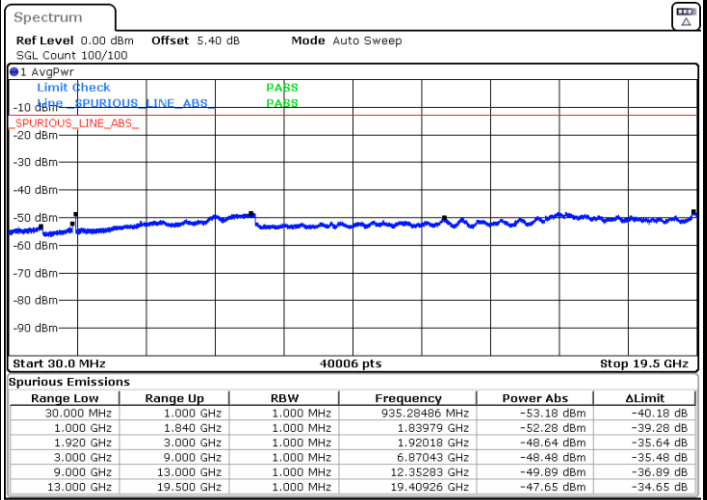
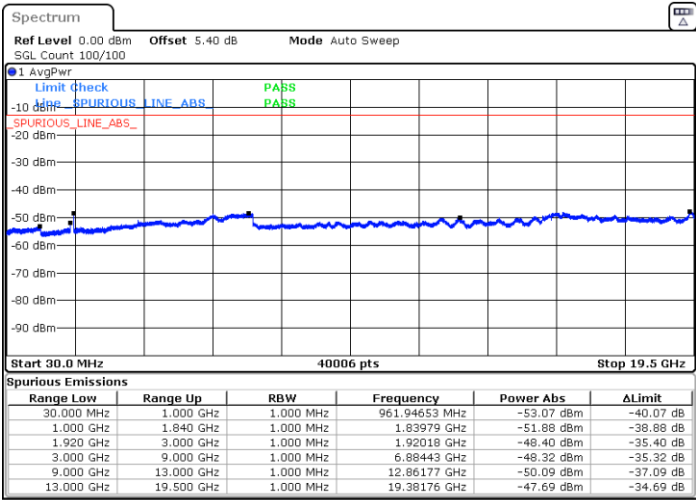
Date: 29 JUN 2023 22:56:46



LTE Band 2 / 20MHz

Lowest Channel / QPSK

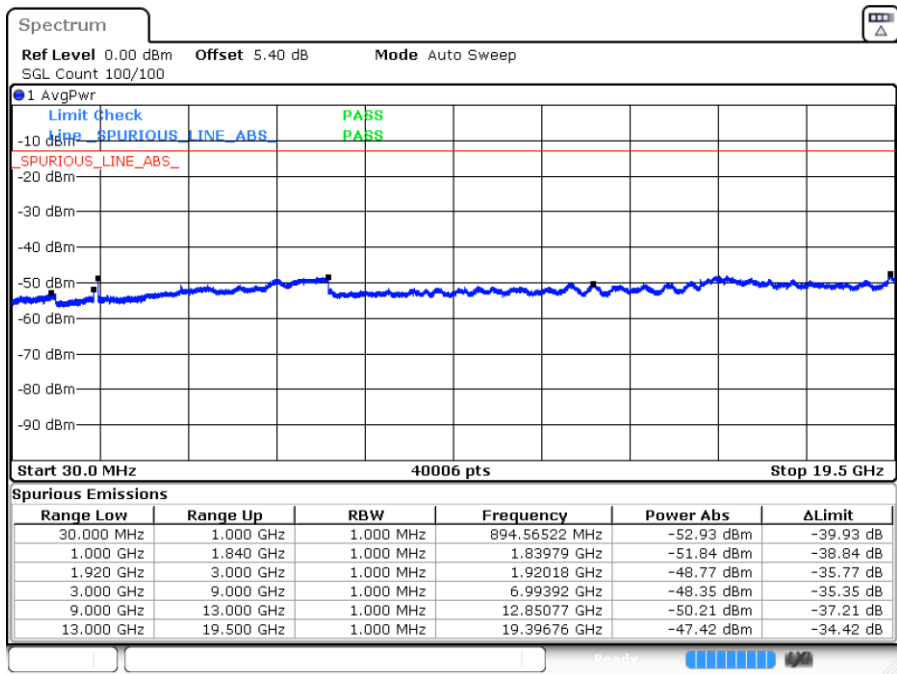
Middle Channel / QPSK



Date: 29 JUN 2023 22:59:50

Date: 29 JUN 2023 23:00:41

Highest Channel / QPSK



Date: 29 JUN 2023 23:01:43



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	0.0034	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0042	

Note:

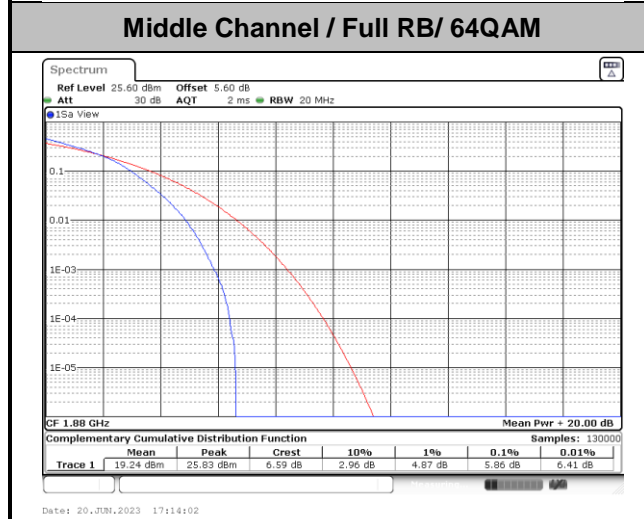
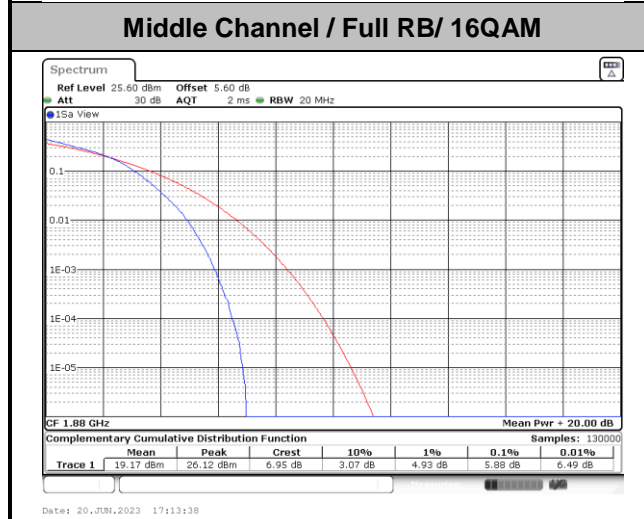
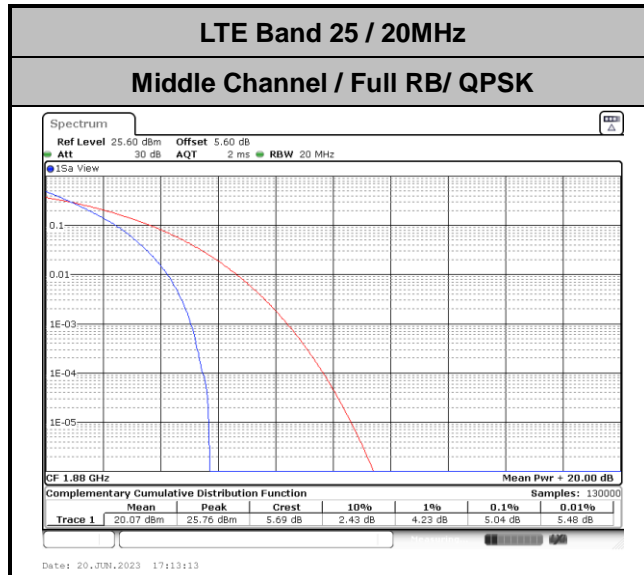
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage = 4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	5.88	5.86	PASS





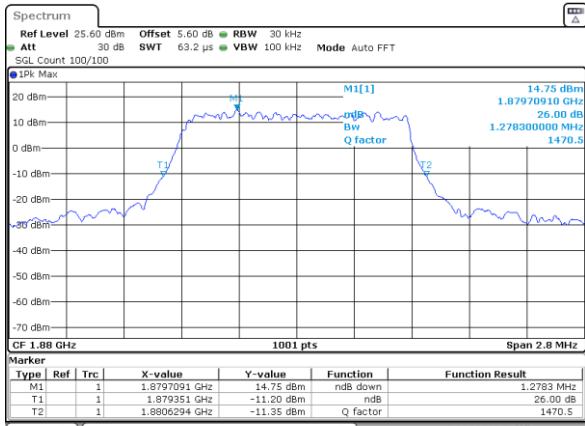
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.28	1.26
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	2.95
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.82	4.83
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.77
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.42	14.24
BW	20MHz	
Mod.	QPSK	16QAM
4.83 CH	19.14	18.86



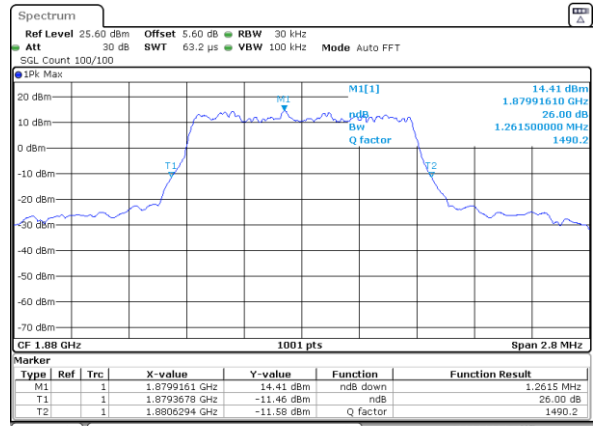
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 20 JUN 2023 17:21:03

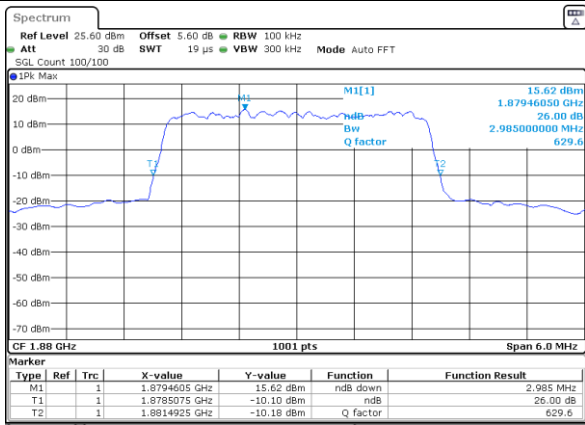
Middle Channel / 1.4MHz / 16QAM



Date: 20 JUN 2023 17:21:26

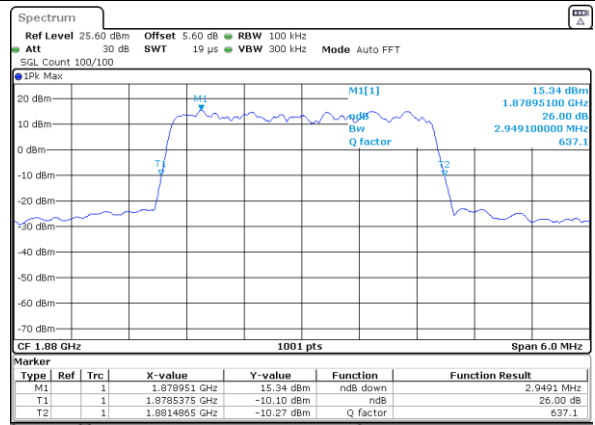
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 20 JUN 2023 17:19:30

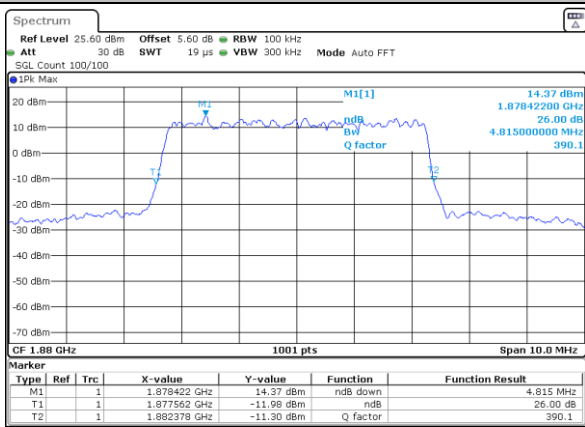
Middle Channel / 3MHz / 16QAM



Date: 20 JUN 2023 17:19:53

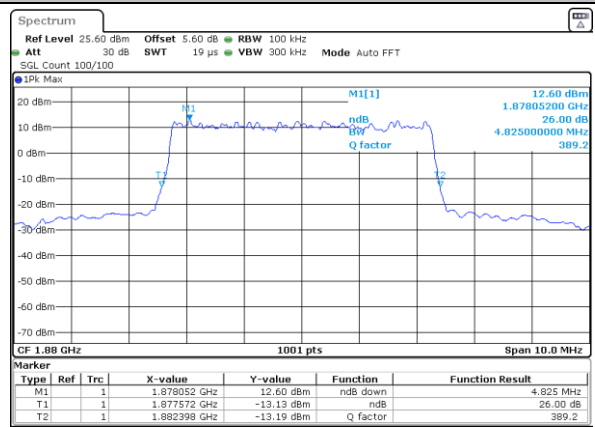
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 20 JUN 2023 17:17:56

Middle Channel / 5MHz / 16QAM

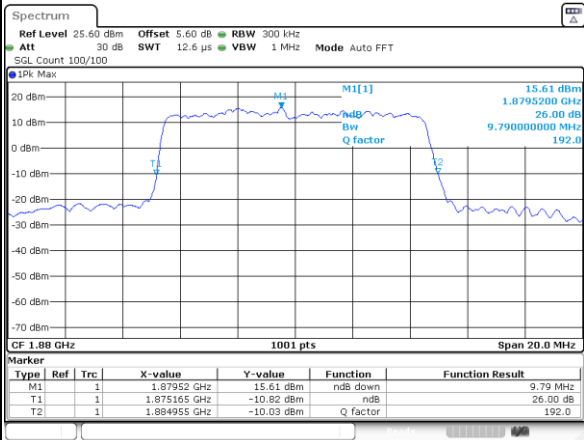


Date: 20 JUN 2023 17:18:20



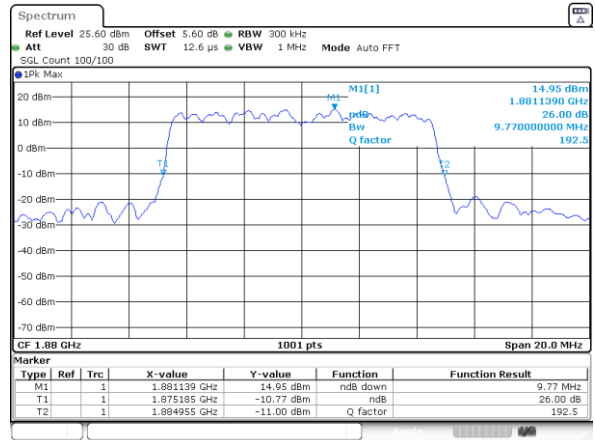
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 20_JUN.2023 17:16:23

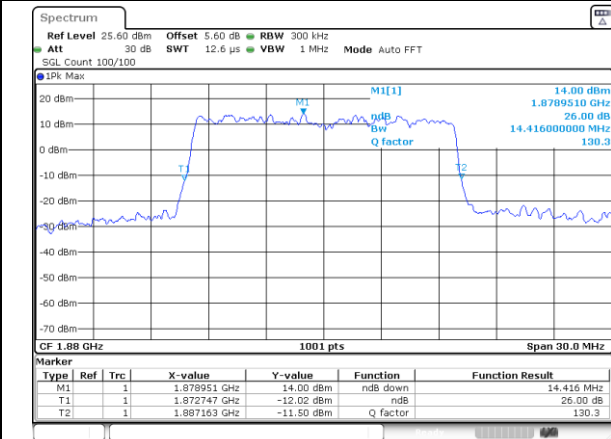
Middle Channel / 10MHz / 16QAM



Date: 20_JUN.2023 17:16:46

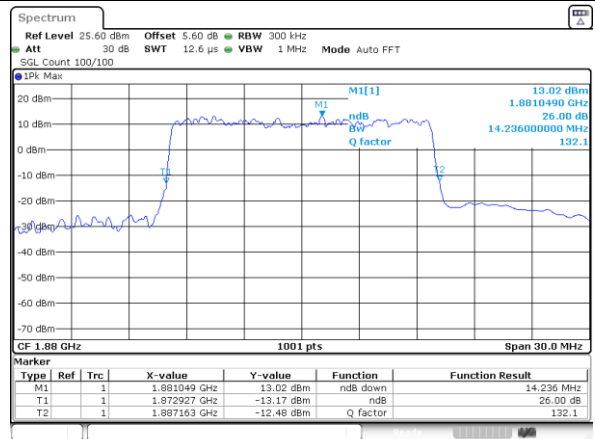
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 20_JUN.2023 17:14:49

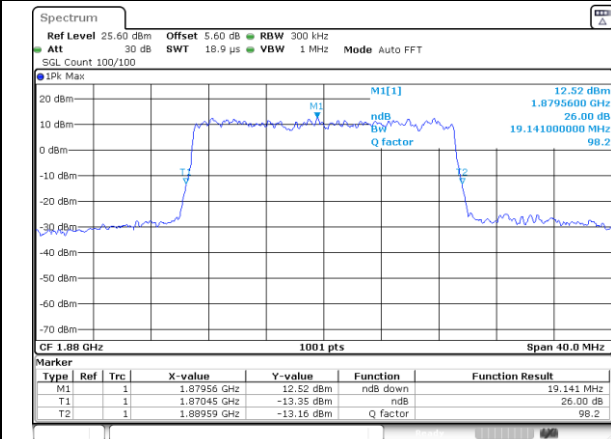
Middle Channel / 15MHz / 16QAM



Date: 20_JUN.2023 17:15:12

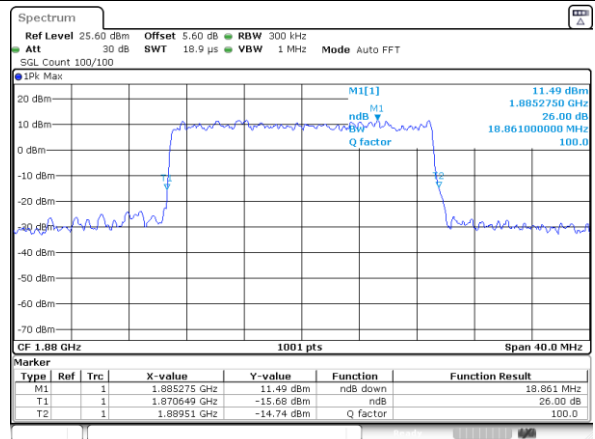
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 20_JUN.2023 16:59:25

Middle Channel / 20MHz / 16QAM



Date: 20_JUN.2023 16:59:48



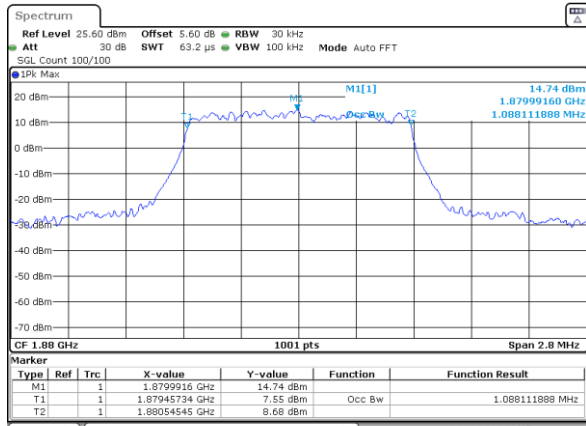
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.71	2.70
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.09
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.43
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86



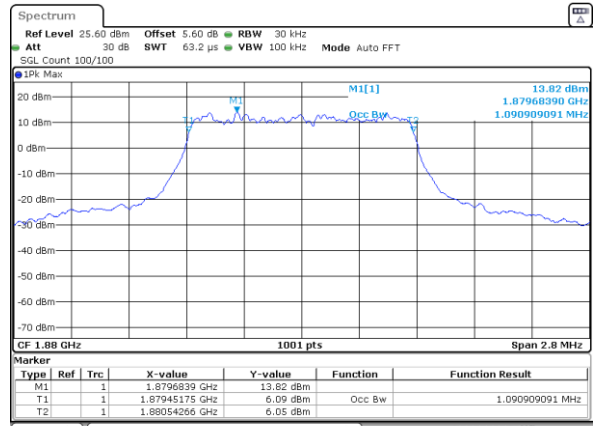
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 20 JUN 2023 17:20:40

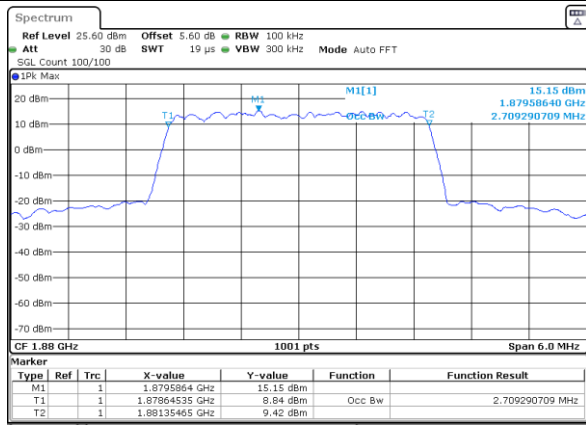
Middle Channel / 1.4MHz / 16QAM



Date: 20 JUN 2023 17:21:49

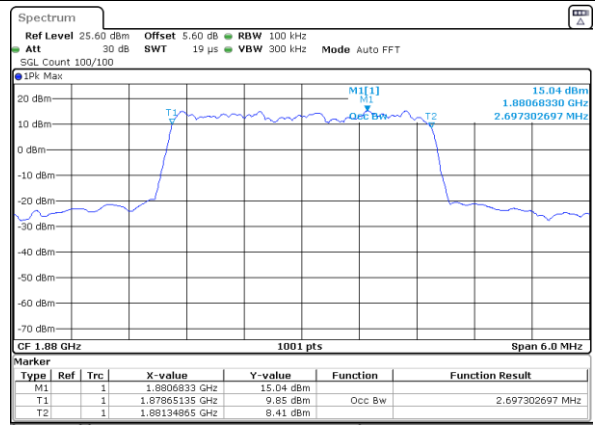
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 20 JUN 2023 17:19:07

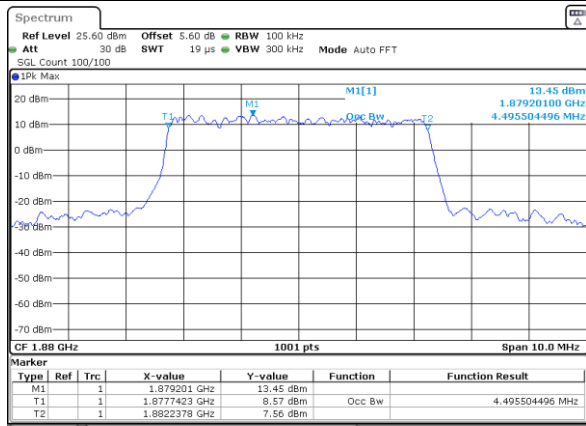
Middle Channel / 3MHz / 16QAM



Date: 20 JUN 2023 17:20:16

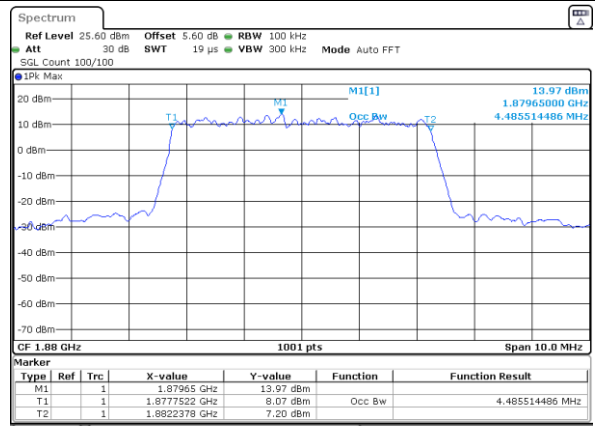
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 20 JUN 2023 17:17:33

Middle Channel / 5MHz / 16QAM

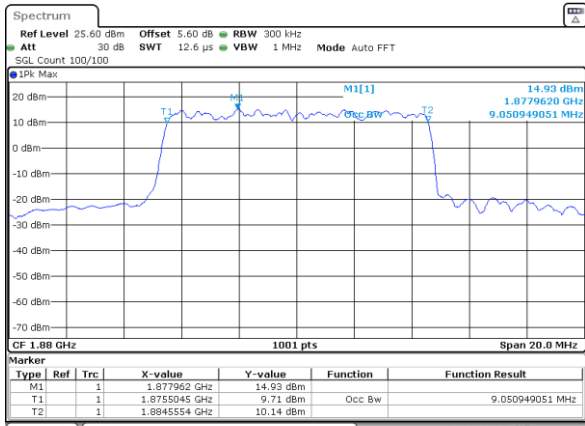


Date: 20 JUN 2023 17:18:43



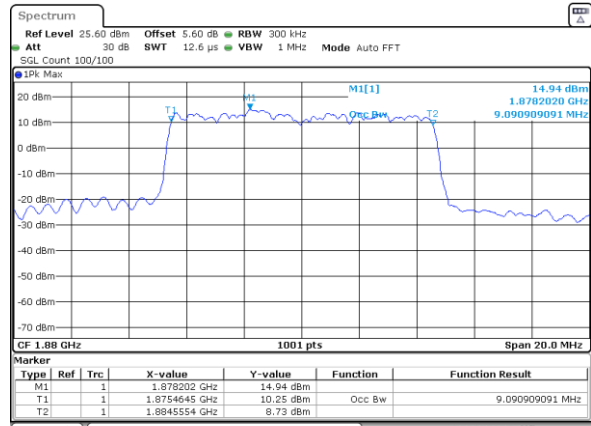
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 20 JUN 2023 17:16:00

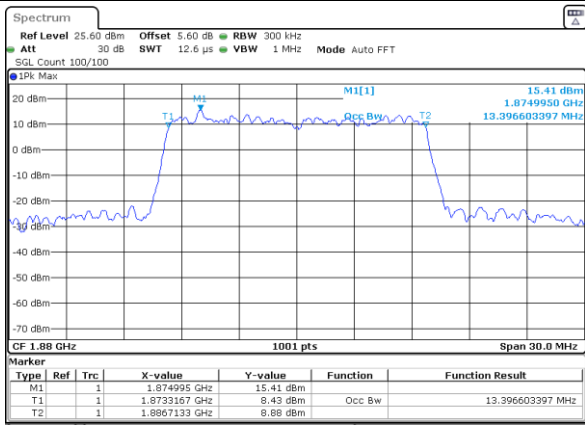
Middle Channel / 10MHz / 16QAM



Date: 20 JUN 2023 17:17:09

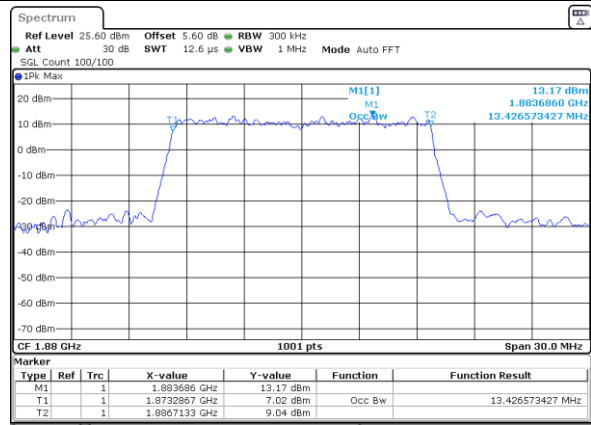
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 20 JUN 2023 17:14:26

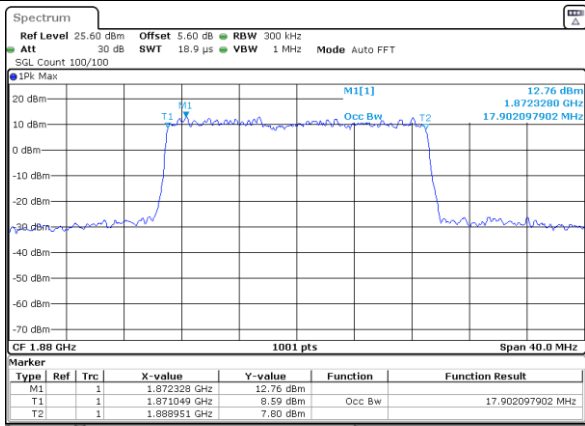
Middle Channel / 15MHz / 16QAM



Date: 20 JUN 2023 17:15:36

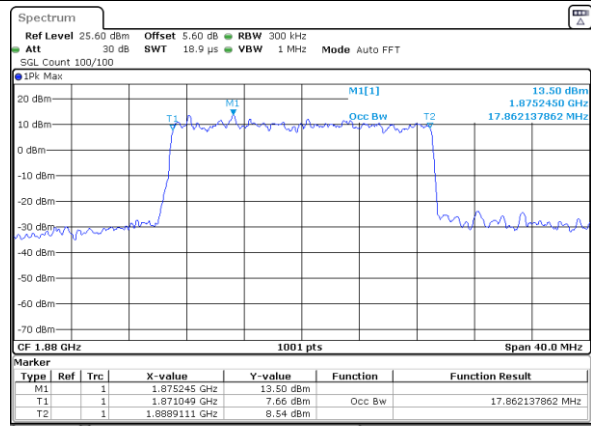
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 20 JUN 2023 16:59:03

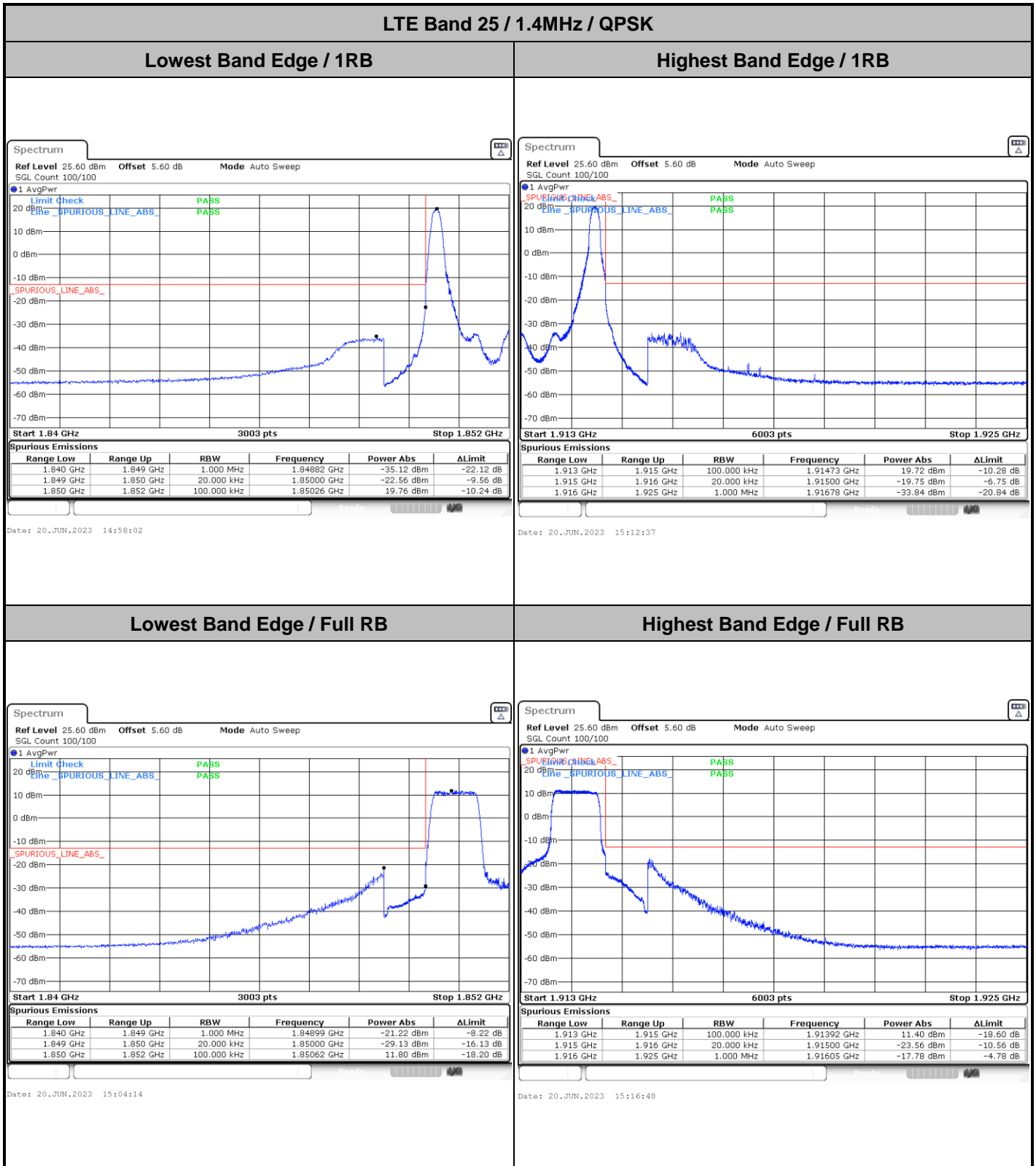
Middle Channel / 20MHz / 16QAM



Date: 20 JUN 2023 17:00:11



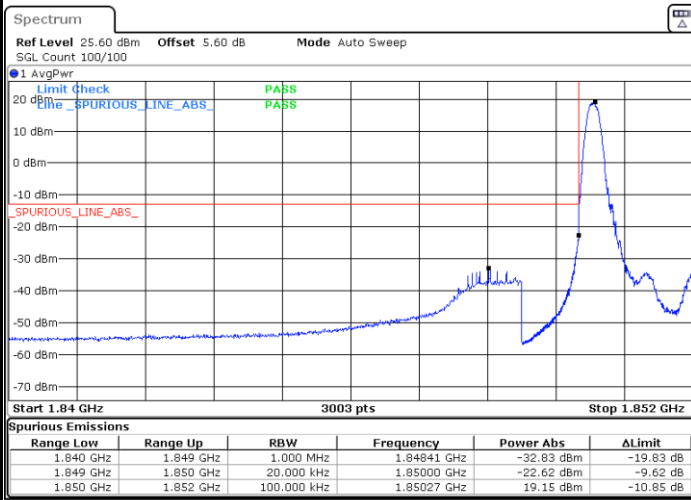
Conducted Band Edge





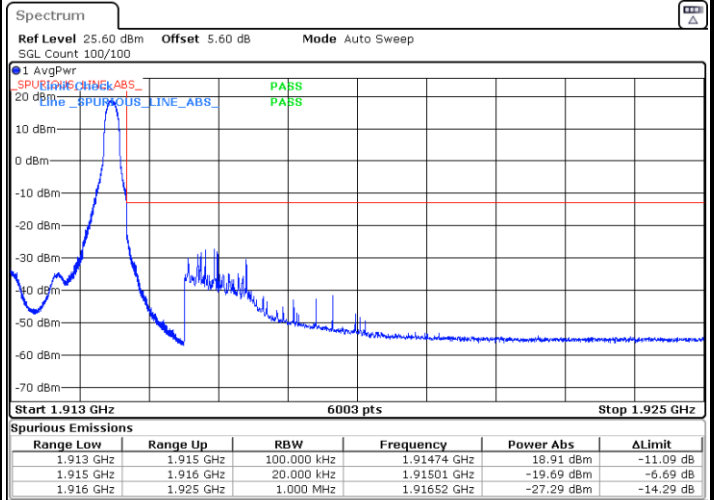
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



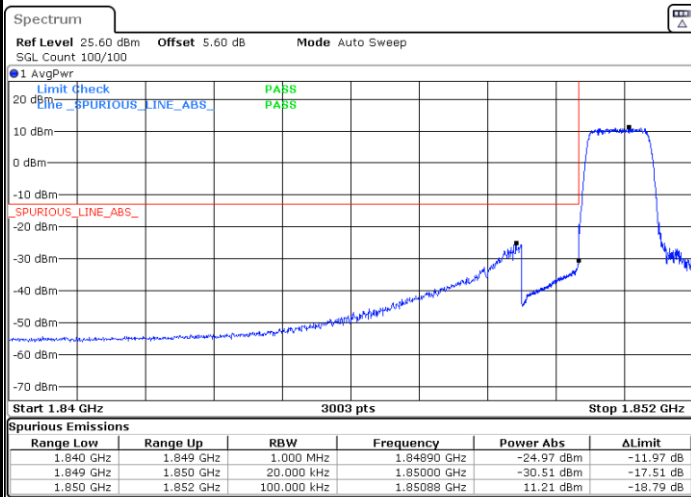
Date: 20 JUN. 2023 14:59:26

Highest Band Edge / 1 RB



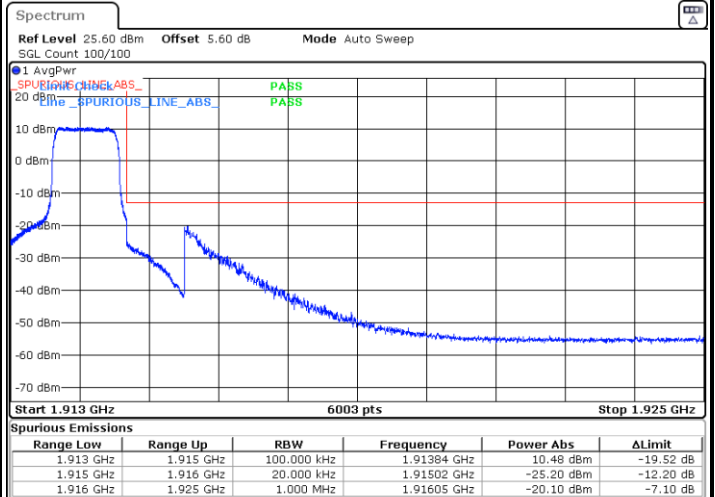
Date: 20 JUN. 2023 15:14:01

Lowest Band Edge / Full RB



Date: 20 JUN. 2023 15:05:38

Highest Band Edge / Full RB



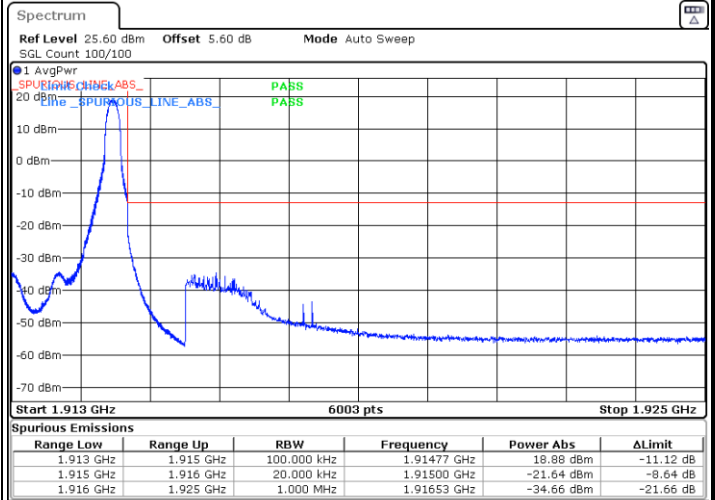
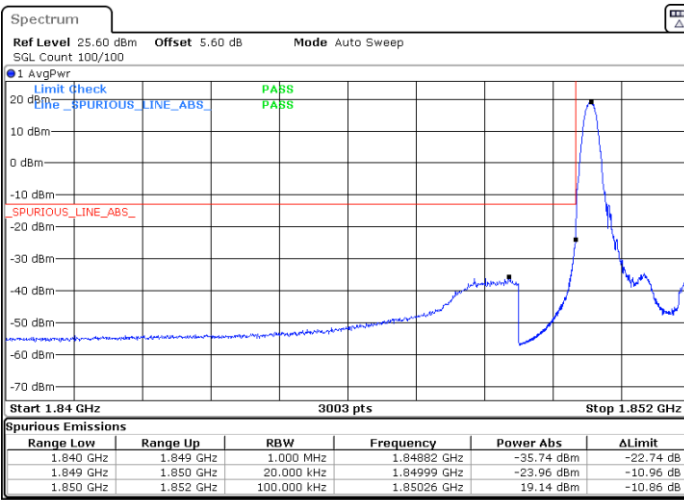
Date: 20 JUN. 2023 15:18:12



LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

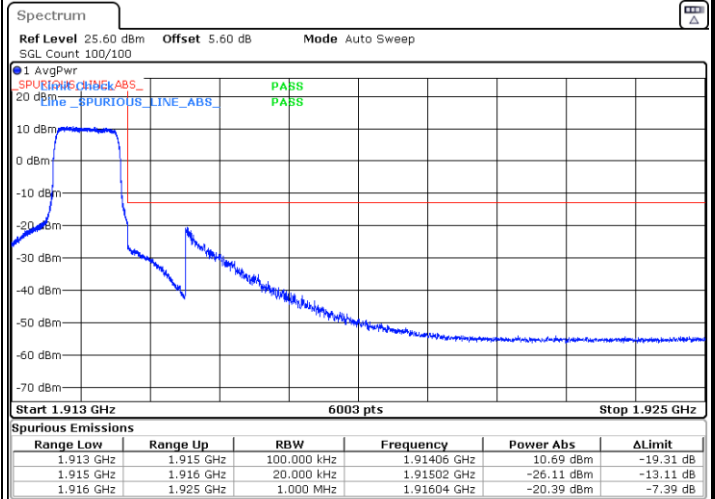
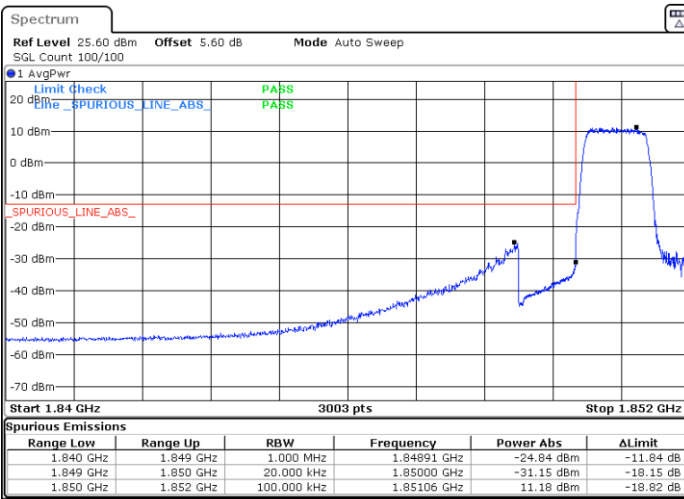


Date: 20.JUN.2023 15:02:50

Date: 20.JUN.2023 15:15:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



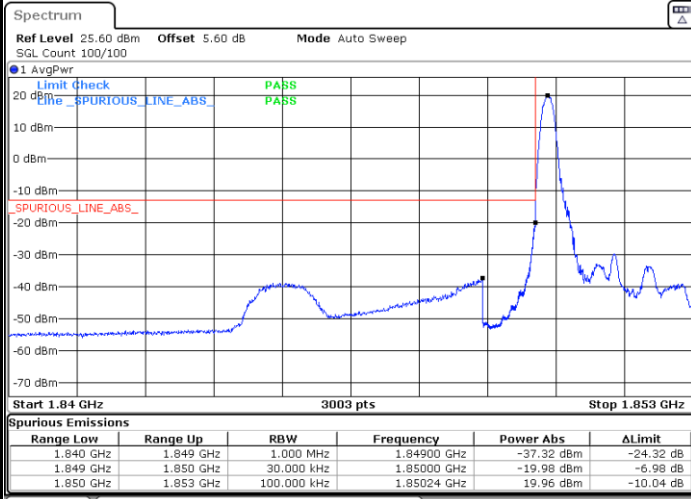
Date: 20.JUN.2023 15:07:01

Date: 20.JUN.2023 15:19:36



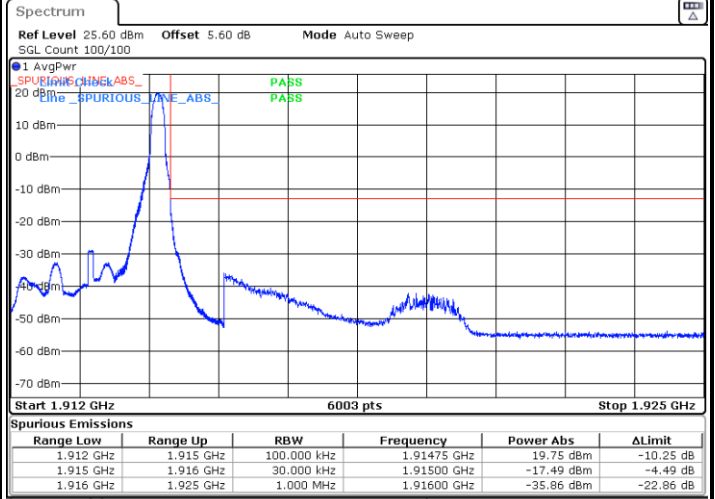
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



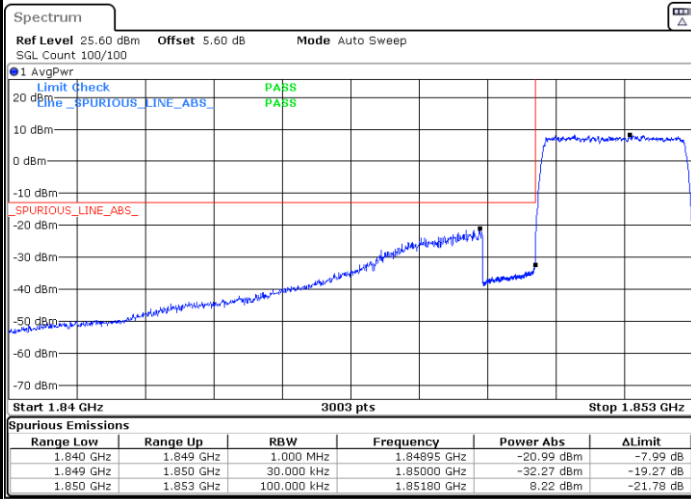
Date: 20 JUN 2023 15:37:05

Highest Band Edge / 1 RB



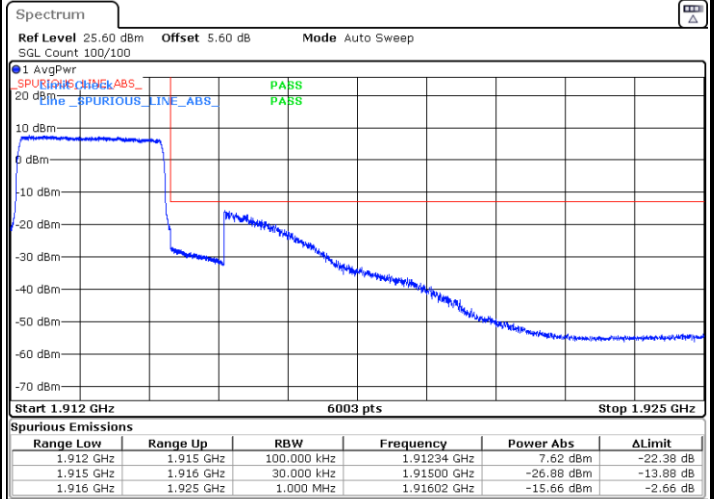
Date: 20 JUN 2023 15:45:40

Lowest Band Edge / Full RB



Date: 20 JUN 2023 15:20:59

Highest Band Edge / Full RB

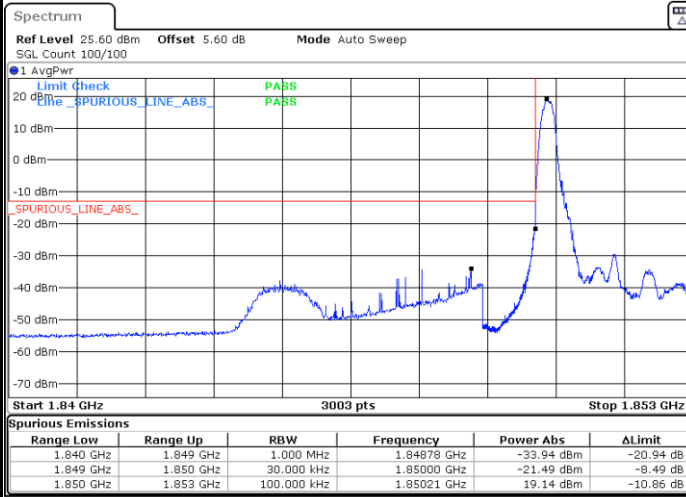


Date: 20 JUN 2023 15:50:04



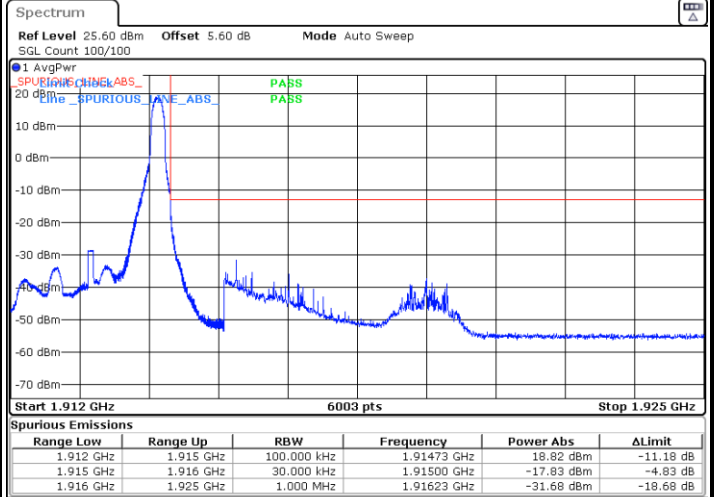
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



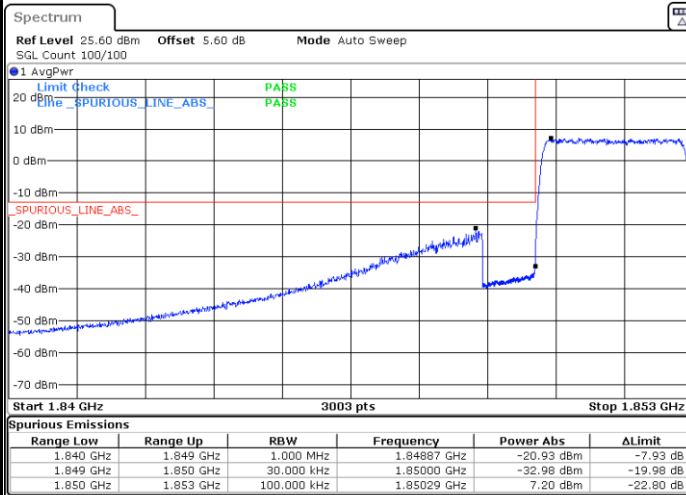
Date: 20 JUN. 2023 15:38:32

Highest Band Edge / 1 RB



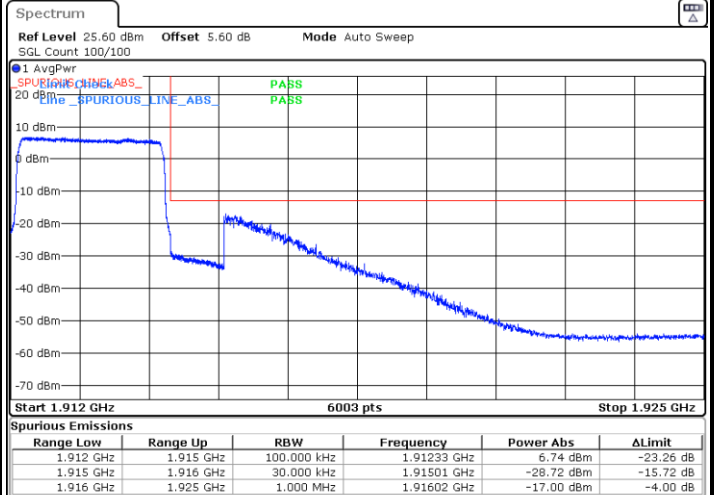
Date: 20 JUN. 2023 15:47:08

Lowest Band Edge / Full RB



Date: 20 JUN. 2023 15:32:04

Highest Band Edge / Full RB

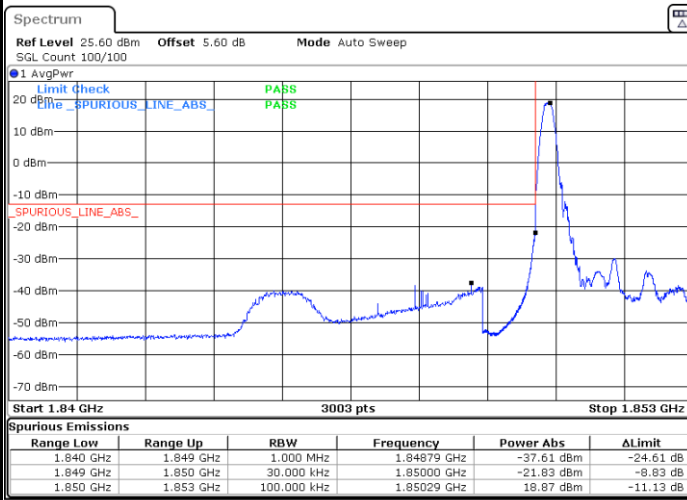


Date: 20 JUN. 2023 15:51:32



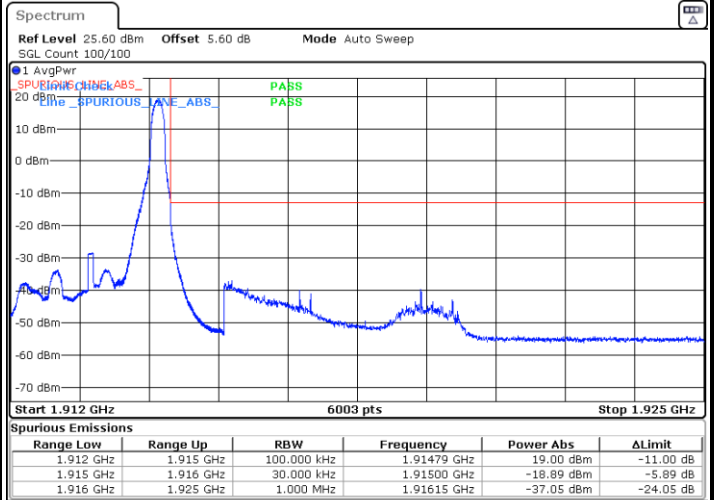
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



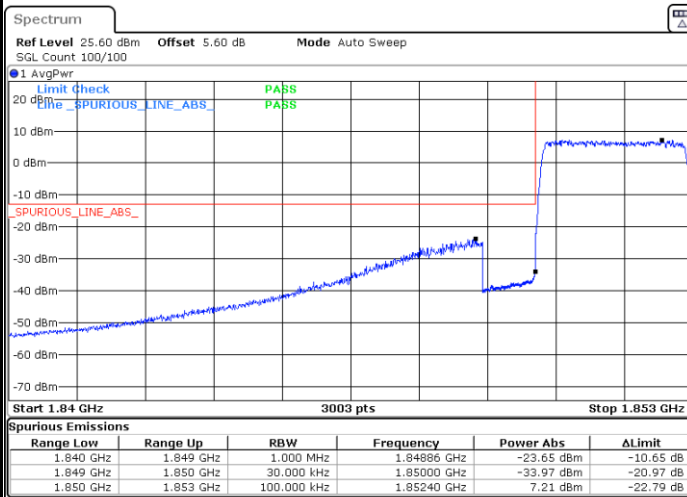
Date: 20 JUN. 2023 15:40:00

Highest Band Edge / 1 RB



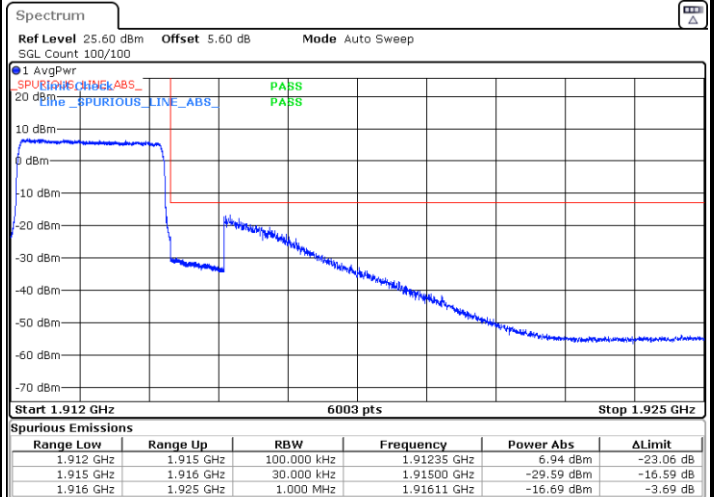
Date: 20 JUN. 2023 15:48:36

Lowest Band Edge / Full RB



Date: 20 JUN. 2023 15:33:31

Highest Band Edge / Full RB

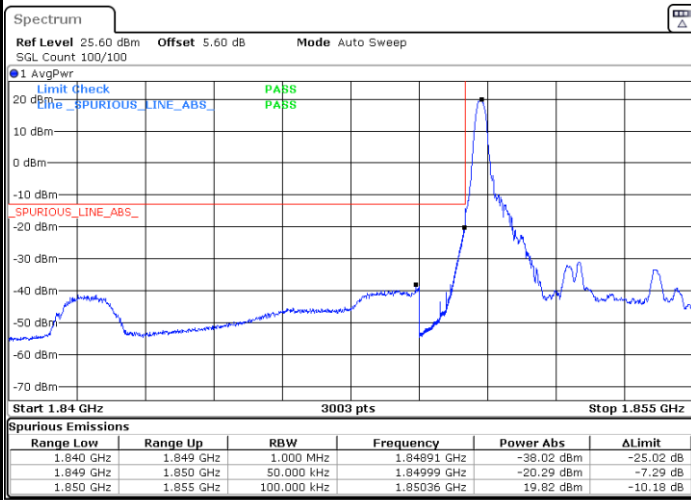


Date: 20 JUN. 2023 15:53:01



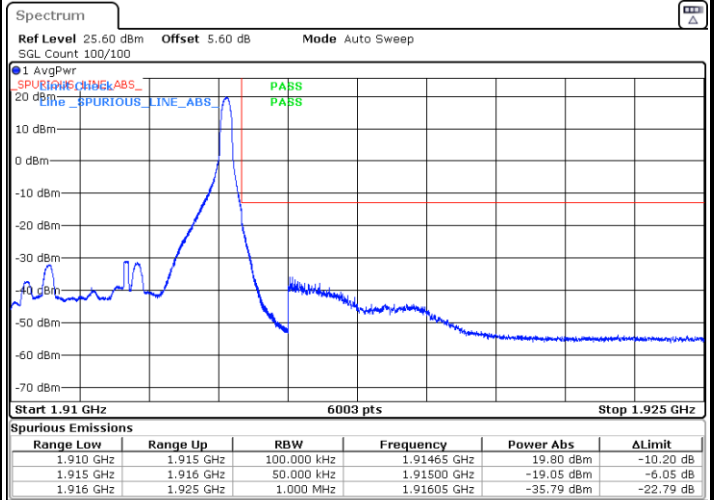
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



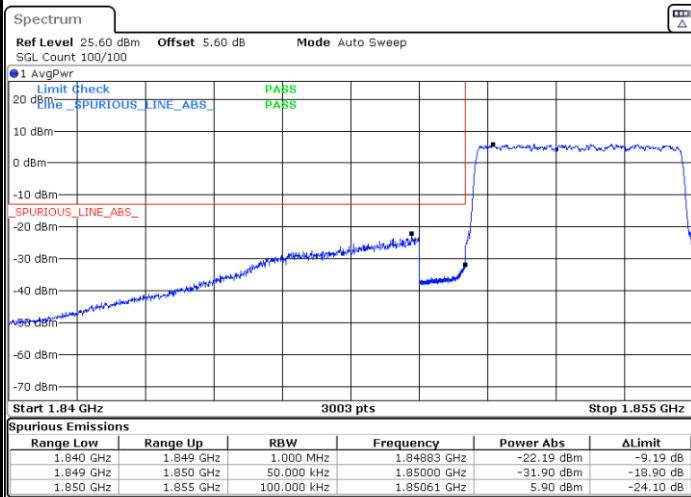
Date: 20 JUN. 2023 15:59:05

Highest Band Edge / 1 RB



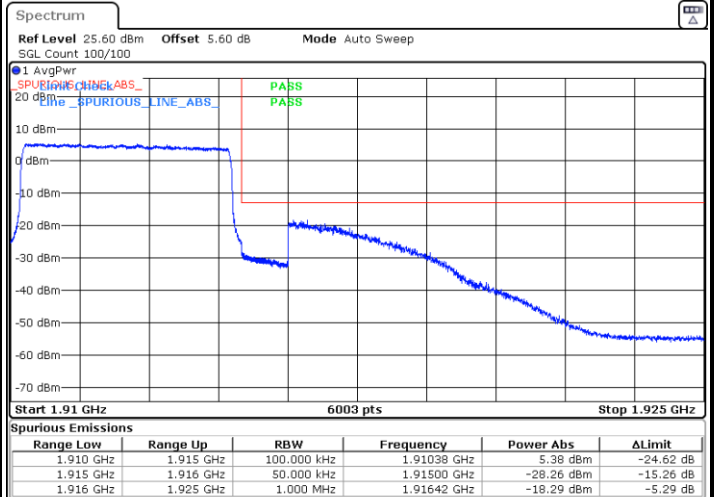
Date: 20 JUN. 2023 16:08:03

Lowest Band Edge / Full RB



Date: 20 JUN. 2023 15:54:28

Highest Band Edge / Full RB

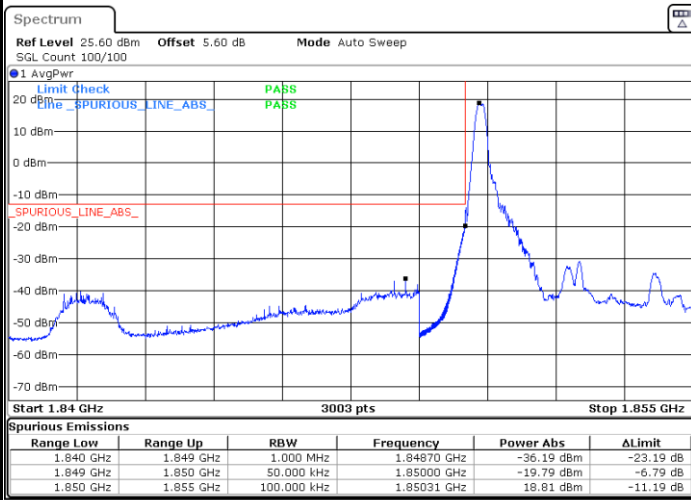


Date: 20 JUN. 2023 16:05:39



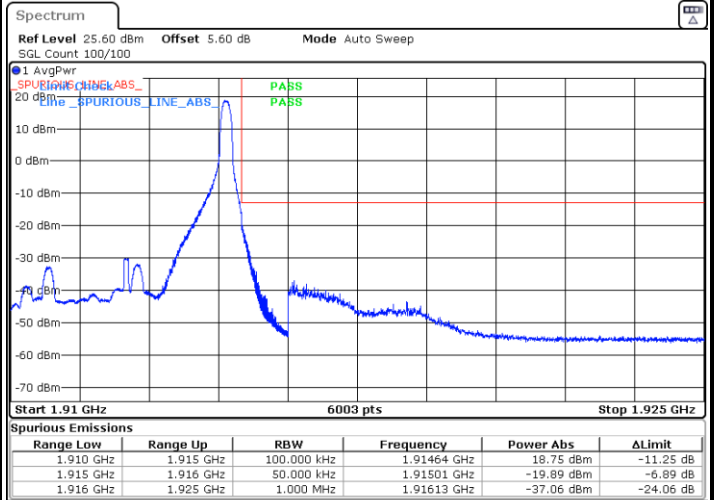
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



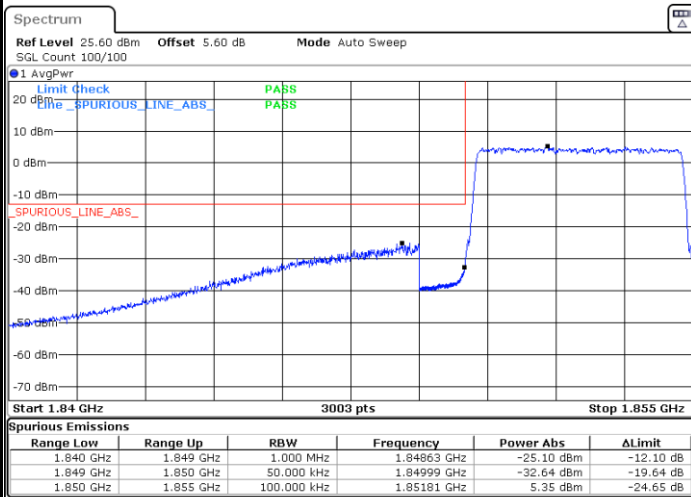
Date: 20 JUN.2023 15:59:53

Highest Band Edge / 1 RB



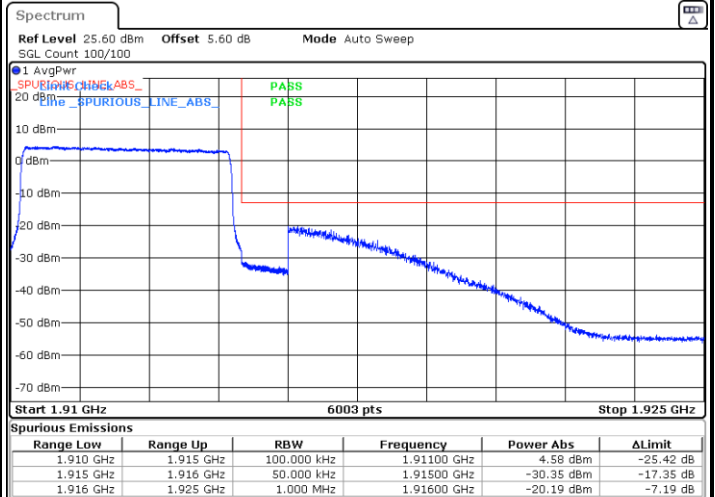
Date: 20 JUN.2023 16:08:51

Lowest Band Edge / Full RB



Date: 20 JUN.2023 15:55:20

Highest Band Edge / Full RB

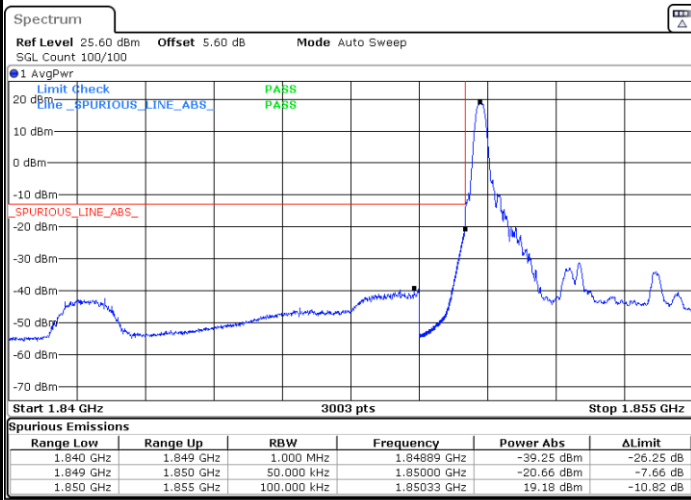


Date: 20 JUN.2023 16:06:27



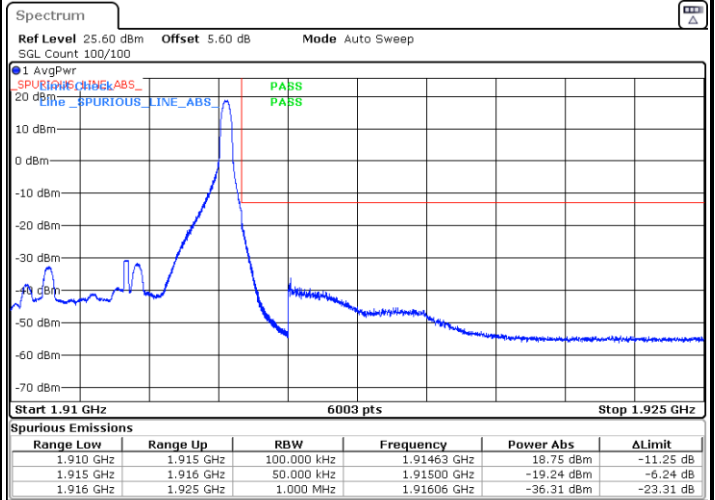
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



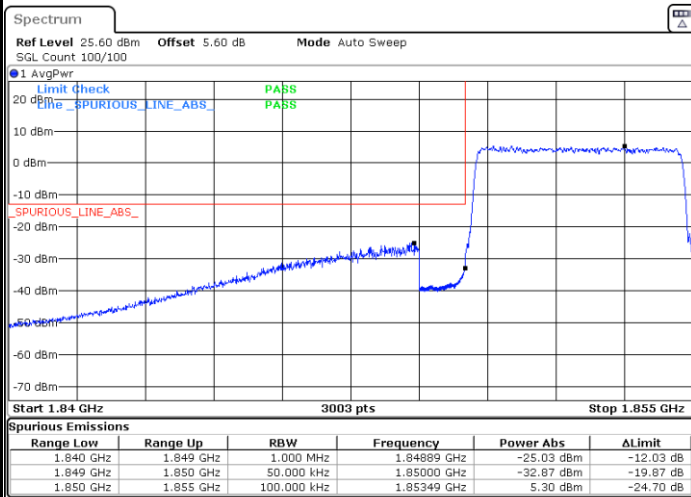
Date: 20 JUN. 2023 16:00:40

Highest Band Edge / 1 RB



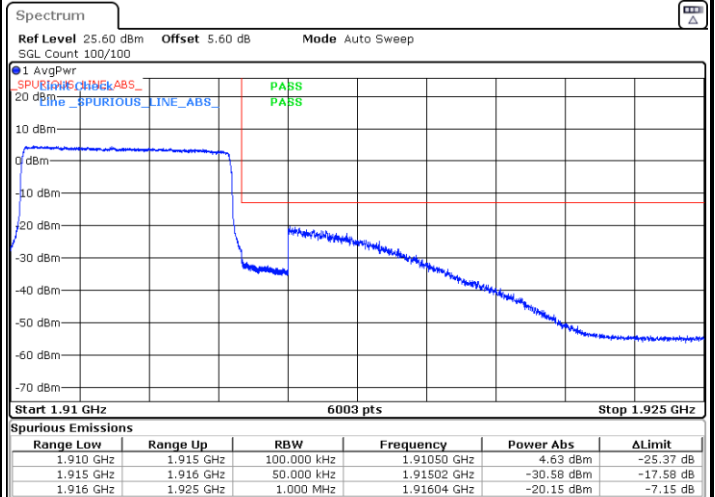
Date: 20 JUN. 2023 16:09:39

Lowest Band Edge / Full RB



Date: 20 JUN. 2023 15:56:13

Highest Band Edge / Full RB

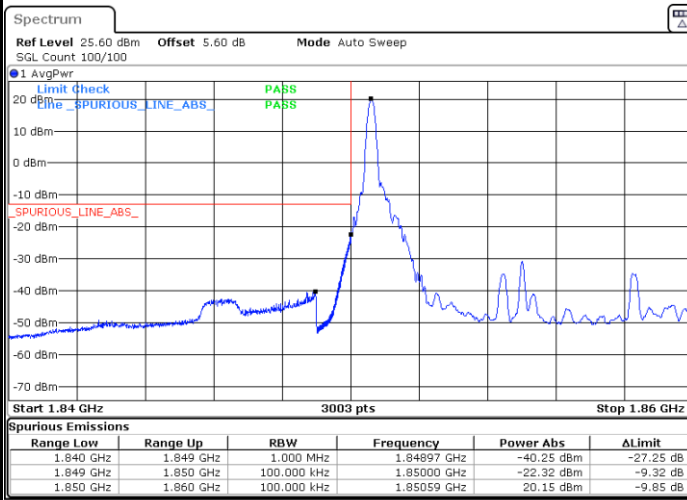


Date: 20 JUN. 2023 16:07:15



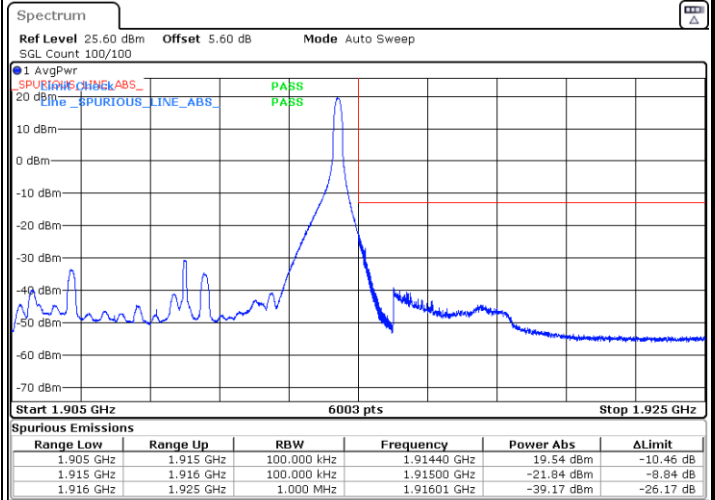
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



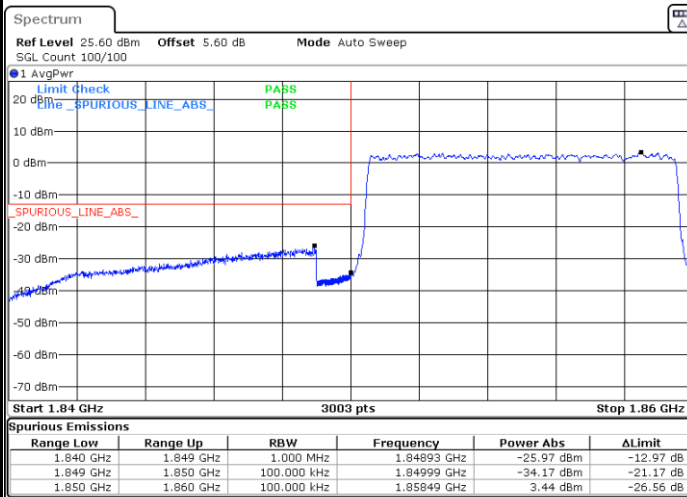
Date: 20.JUN.2023 16:12:47

Highest Band Edge / 1 RB



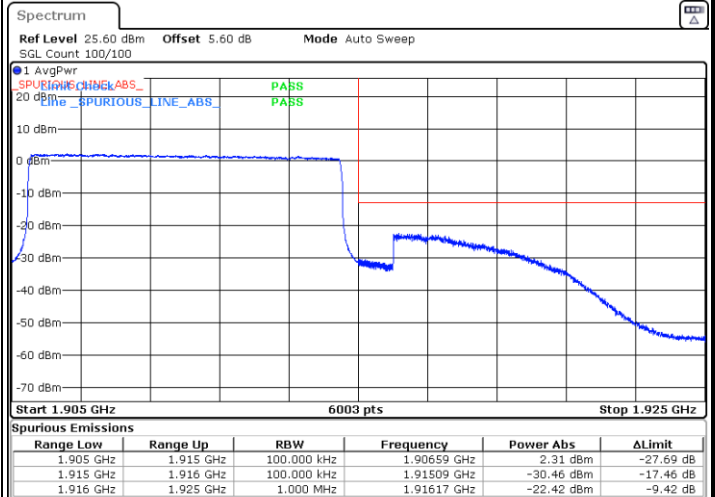
Date: 20.JUN.2023 16:23:59

Lowest Band Edge / Full RB



Date: 20.JUN.2023 16:10:26

Highest Band Edge / Full RB

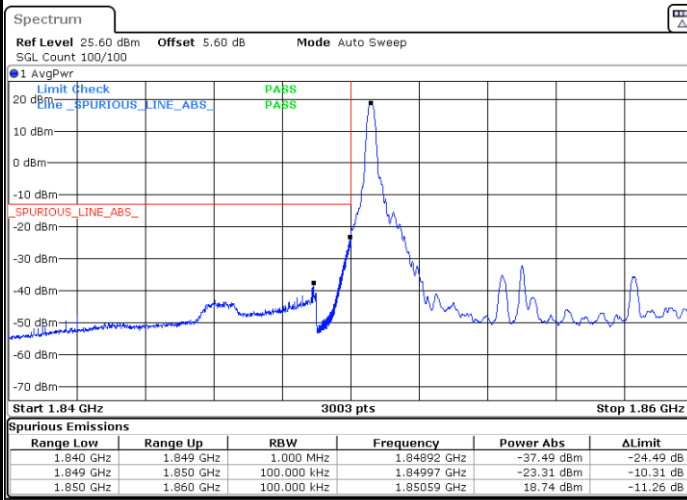


Date: 20.JUN.2023 16:21:28



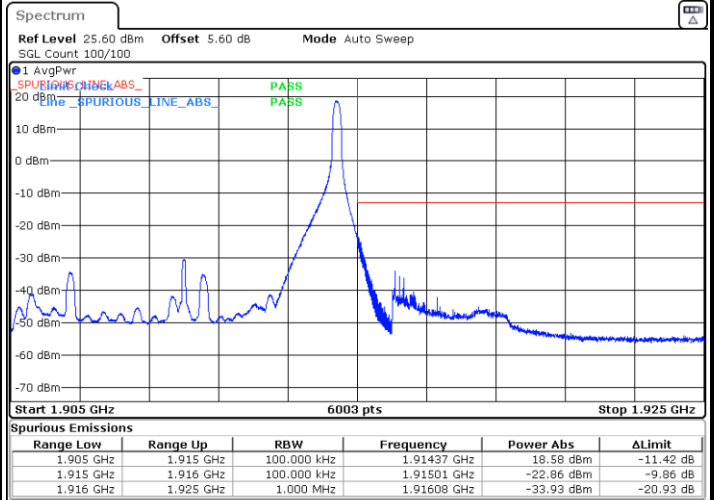
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



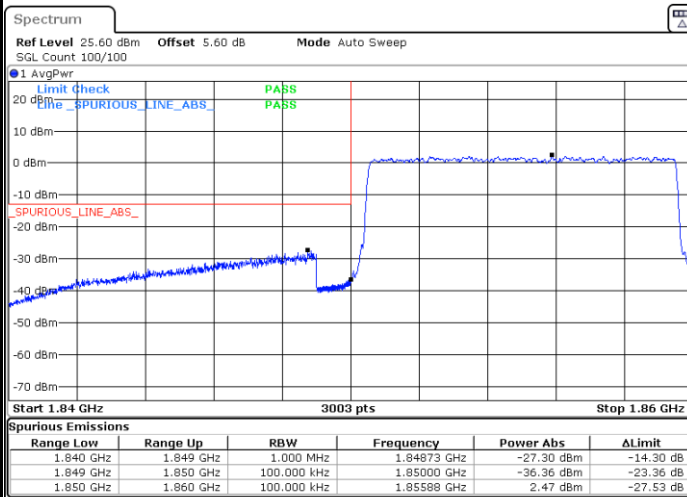
Date: 20 JUN.2023 16:15:40

Highest Band Edge / 1 RB



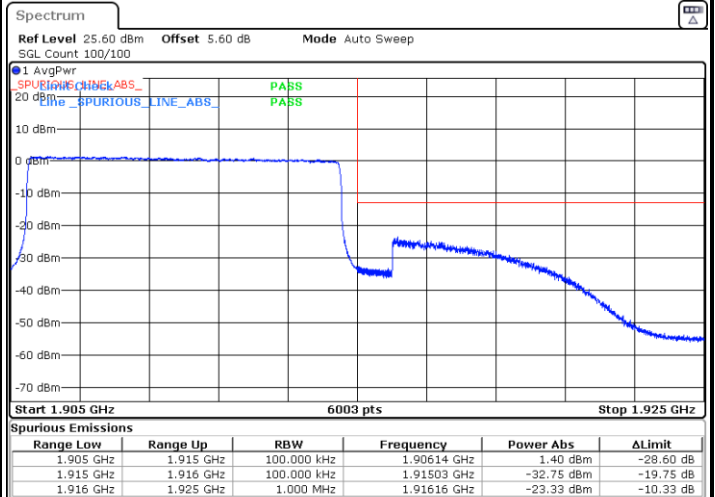
Date: 20 JUN.2023 16:24:49

Lowest Band Edge / Full RB



Date: 20 JUN.2023 16:11:13

Highest Band Edge / Full RB



Date: 20 JUN.2023 16:22:18