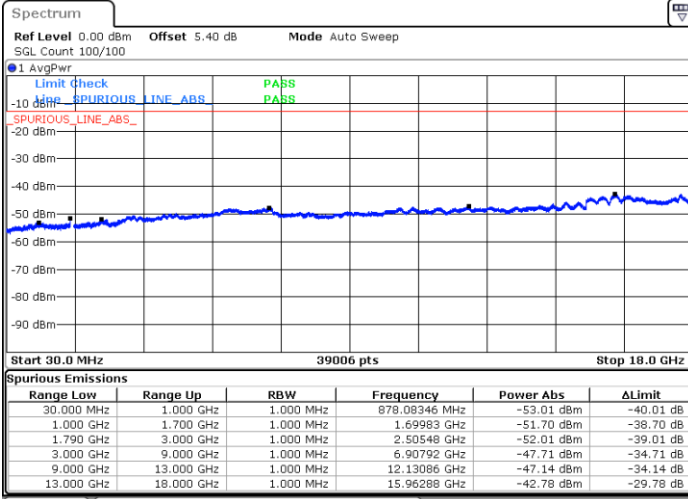




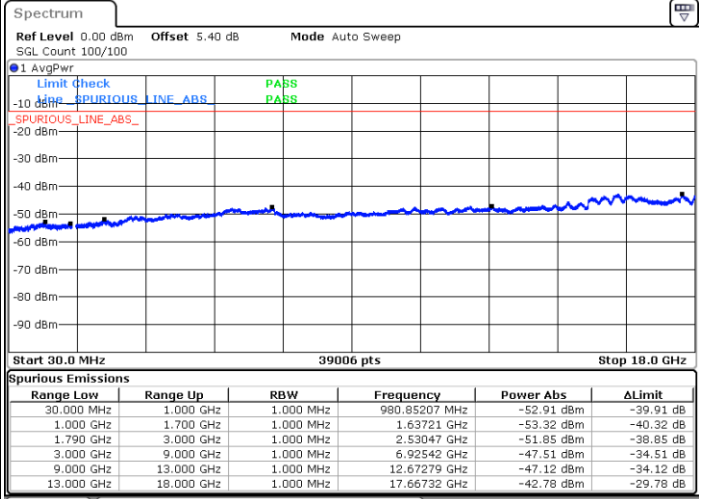
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

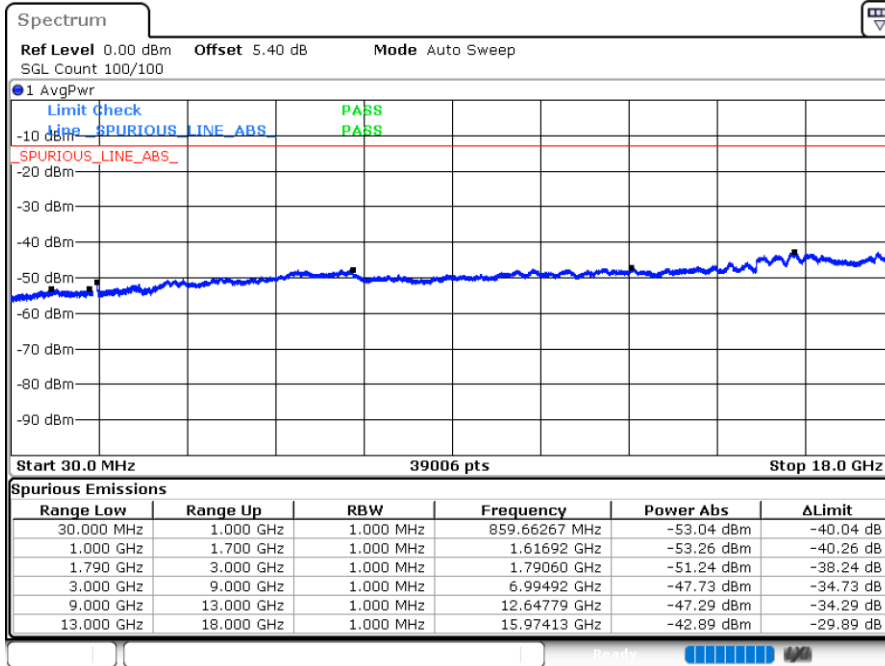


Date: 11.MAY.2024 16:11:59



Date: 11.MAY.2024 16:21:41

Highest Channel / QPSK



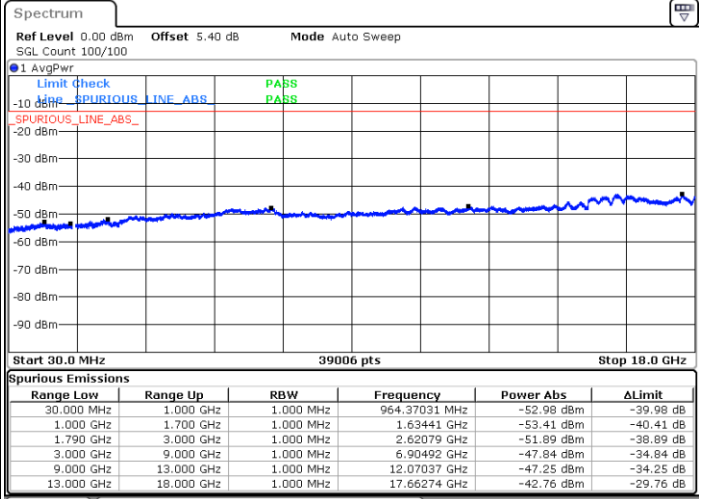
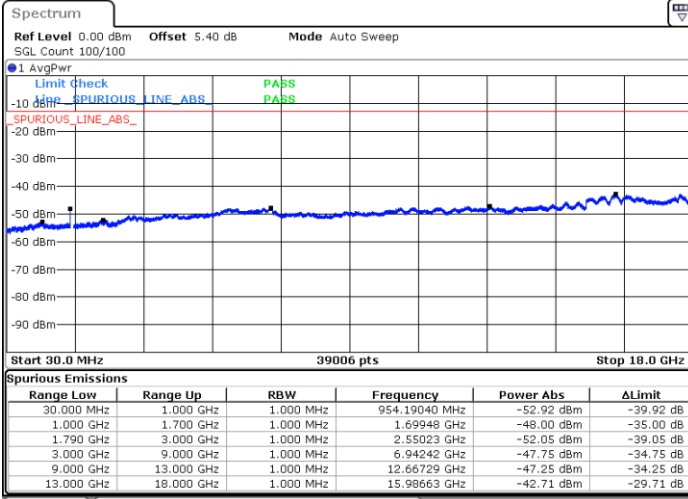
Date: 11.MAY.2024 16:25:47



LTE Band 66 / 15MHz

Lowest Channel / QPSK

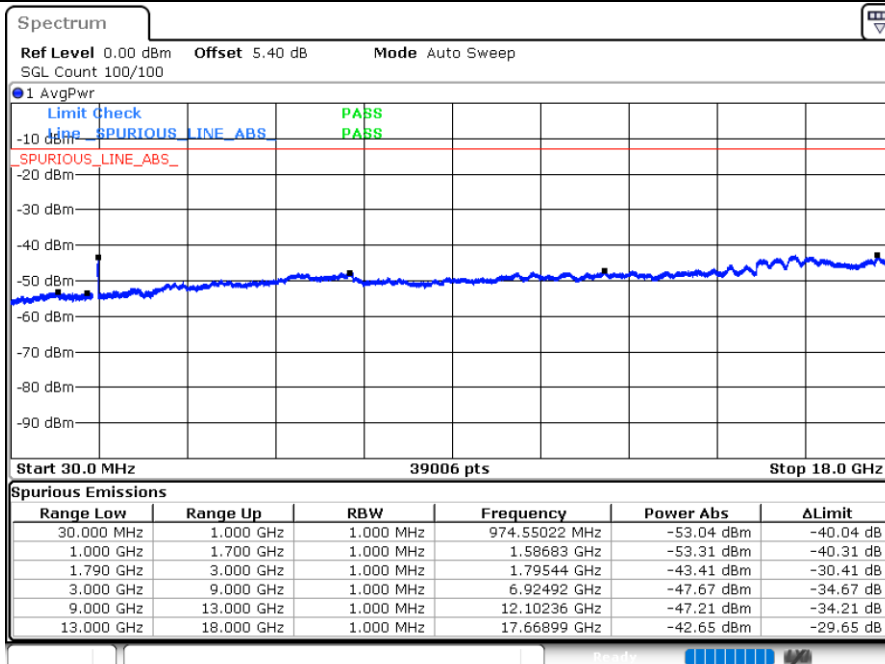
Middle Channel / QPSK



Date: 11.MAY.2024 16:36:35

Date: 11.MAY.2024 16:46:17

Highest Channel / QPSK



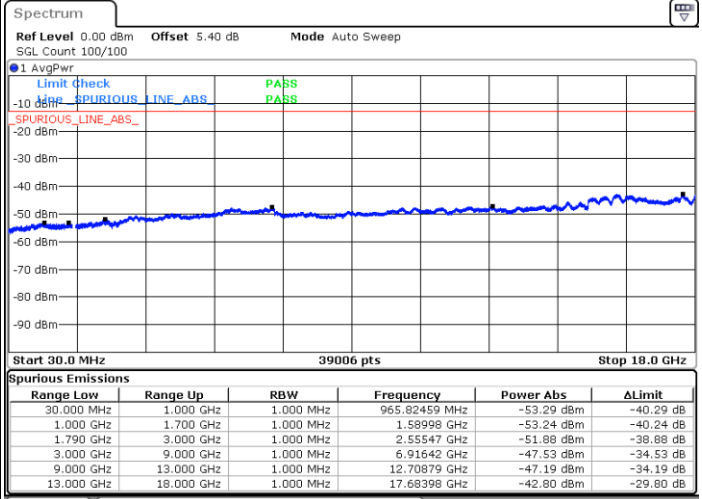
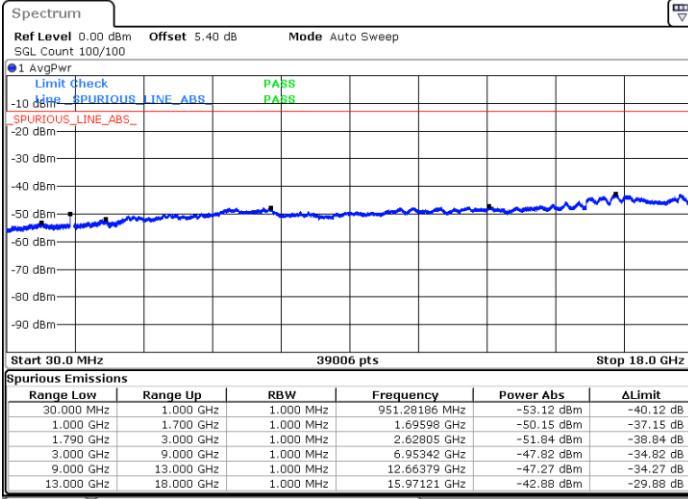
Date: 11.MAY.2024 16:50:20



LTE Band 66 / 20MHz

Lowest Channel / QPSK

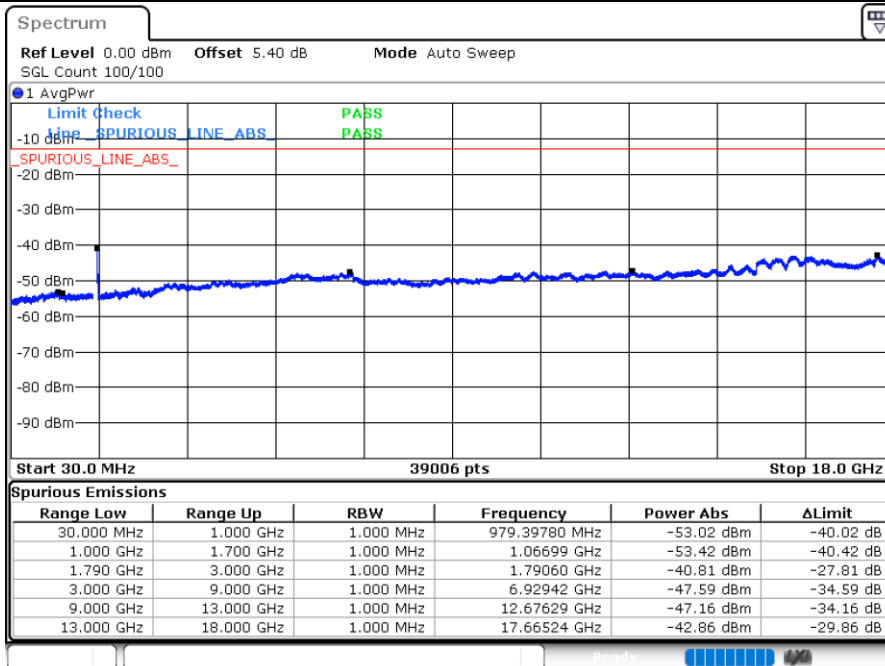
Middle Channel / QPSK



Date: 11.MAY.2024 17:01:03

Date: 11.MAY.2024 17:10:45

Highest Channel / QPSK



Date: 11.MAY.2024 17:13:15



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

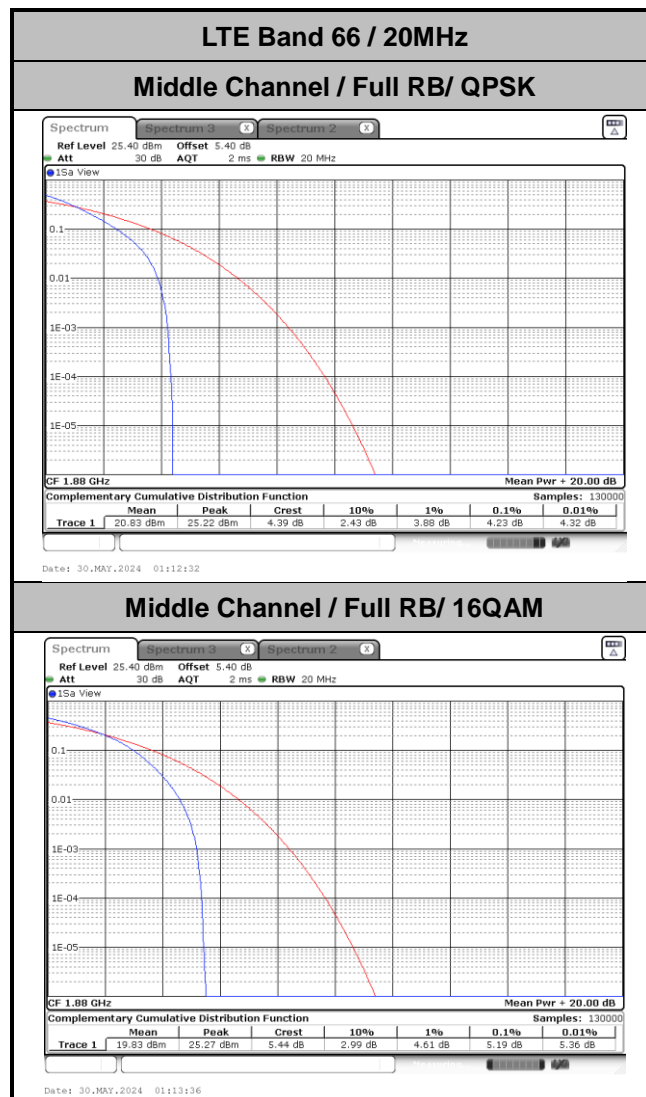
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

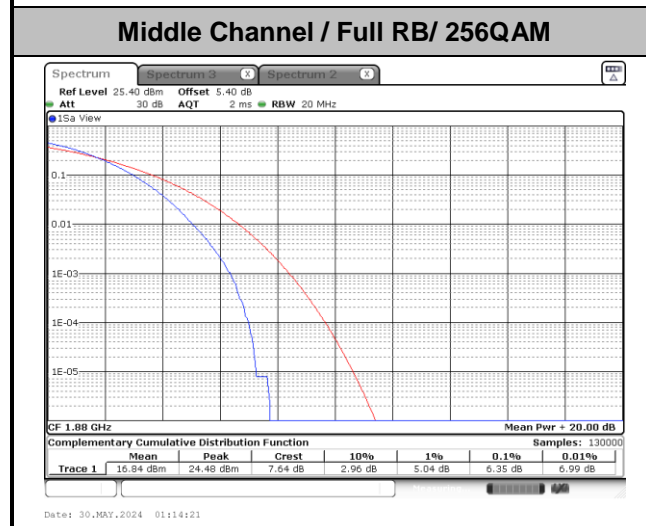
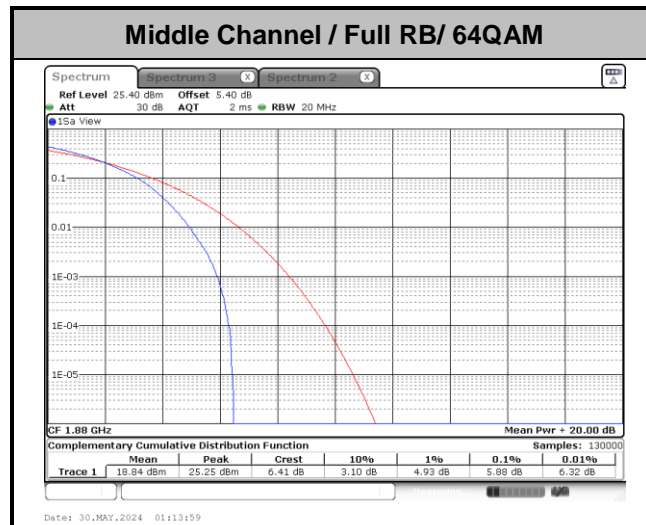


LTE Band 2(Other PA)

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.23	5.19	5.88	6.35	PASS







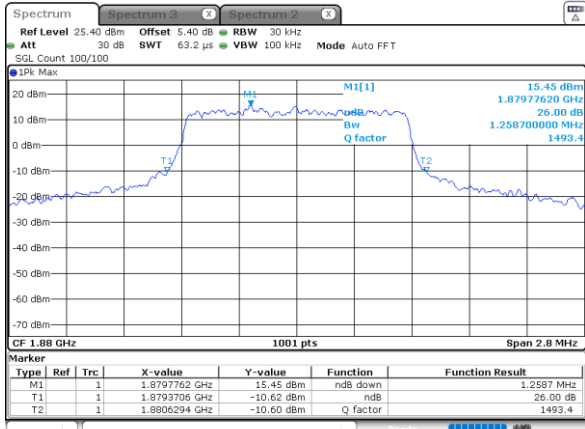
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.26	1.30
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	2.97
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.99	4.87
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.75
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.30	14.45
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	18.70



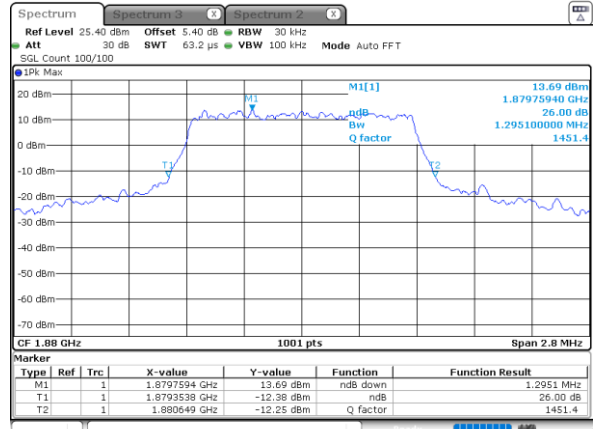
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 30_MAY_2024 01:53:13

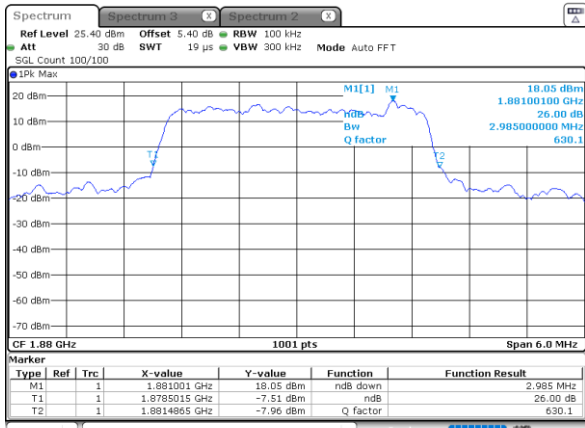
Middle Channel / 1.4MHz / 16QAM



Date: 30_MAY_2024 01:51:21

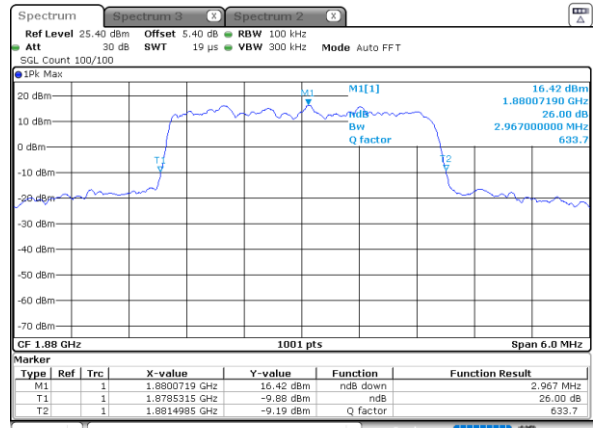
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 30_MAY_2024 01:30:58

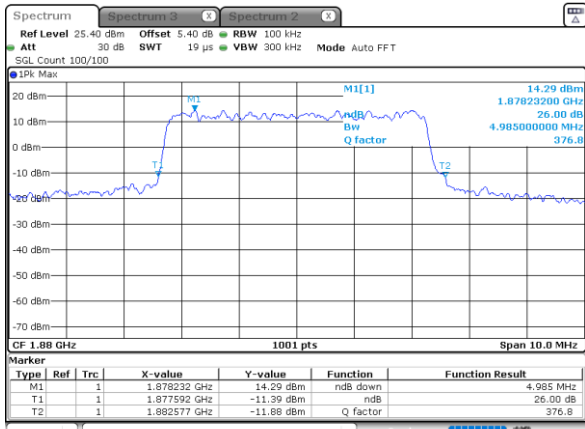
Middle Channel / 3MHz / 16QAM



Date: 30_MAY_2024 01:31:39

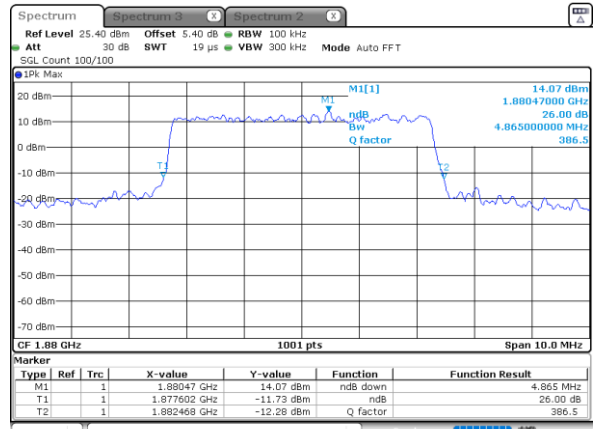
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 30_MAY_2024 01:20:22

Middle Channel / 5MHz / 16QAM

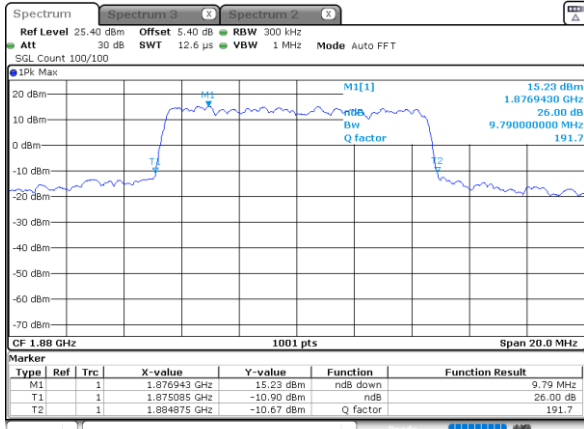


Date: 30_MAY_2024 01:21:58



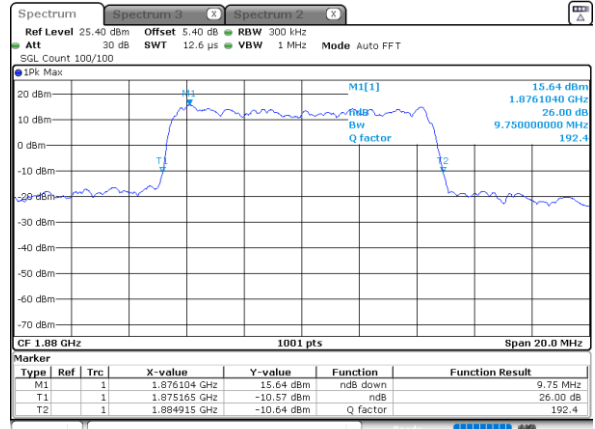
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 30_MAY_2024 01:19:20

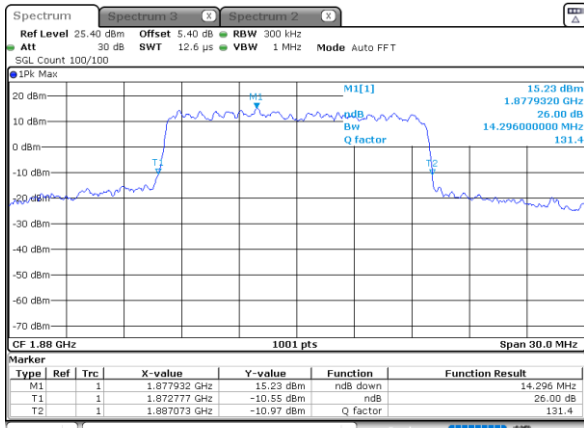
Middle Channel / 10MHz / 16QAM



Date: 30_MAY_2024 01:18:35

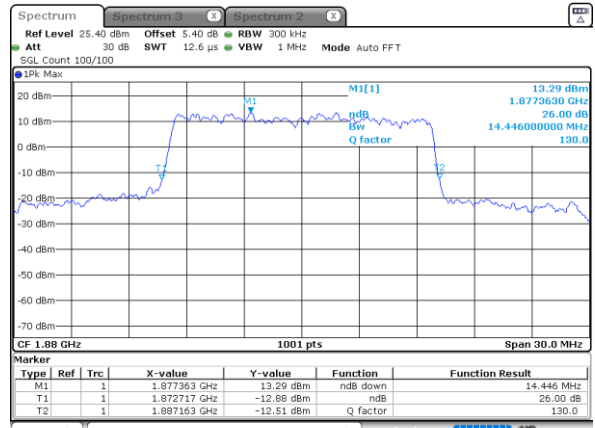
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 30_MAY_2024 01:16:43

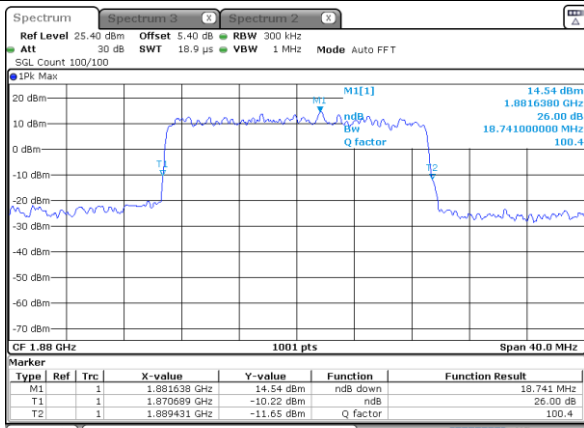
Middle Channel / 15MHz / 16QAM



Date: 30_MAY_2024 01:17:40

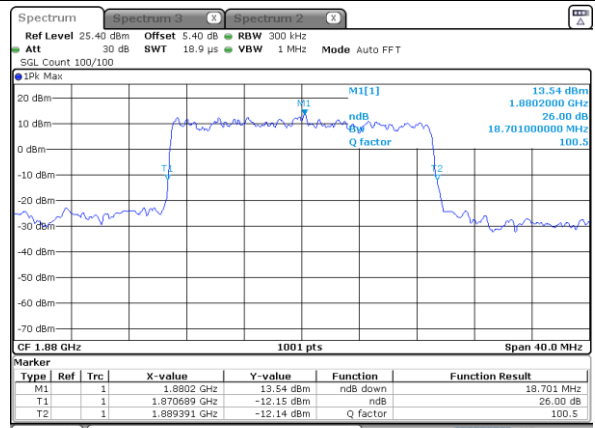
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 30_MAY_2024 01:11:50

Middle Channel / 20MHz / 16QAM



Date: 30_MAY_2024 01:12:54



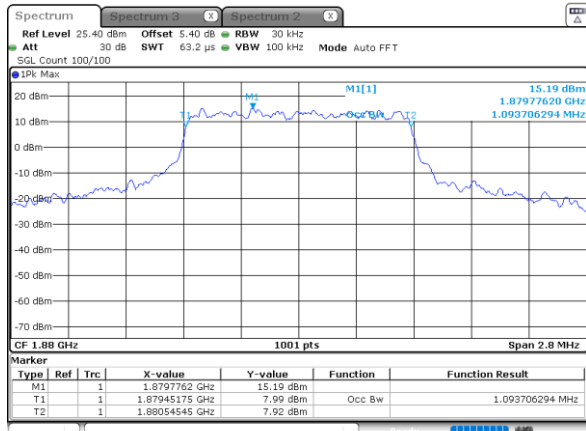
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.71	2.72
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.51	4.48
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.05
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.43
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.86



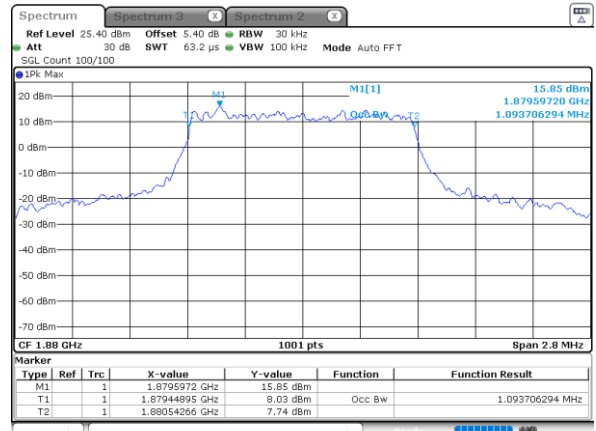
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 30.MAY.2024 01:52:18

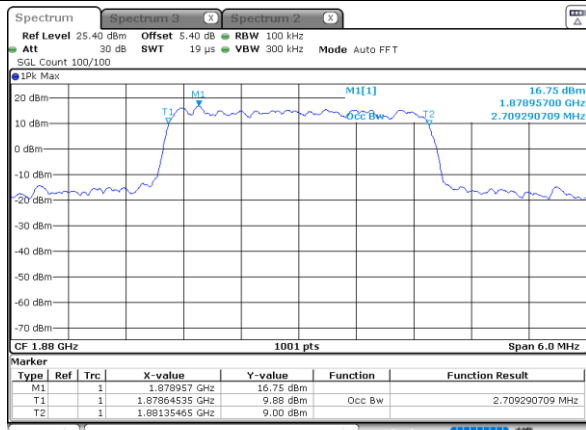
Middle Channel / 1.4MHz / 16QAM



Date: 30.MAY.2024 01:46:22

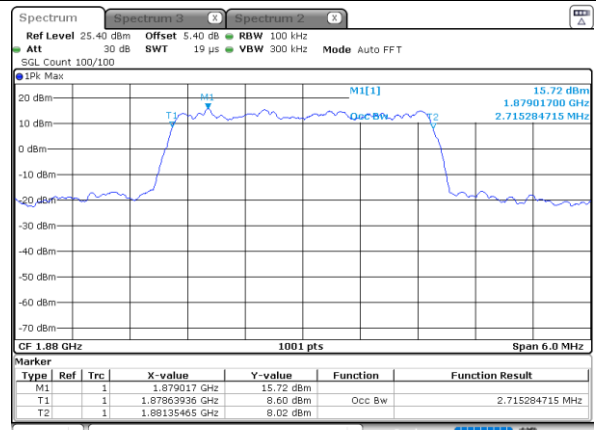
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 30.MAY.2024 01:30:36

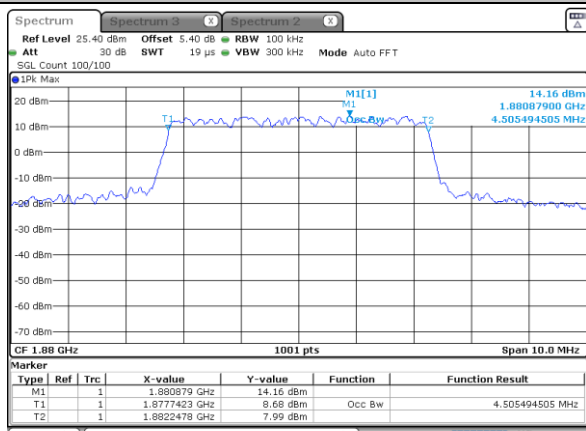
Middle Channel / 3MHz / 16QAM



Date: 30.MAY.2024 01:31:19

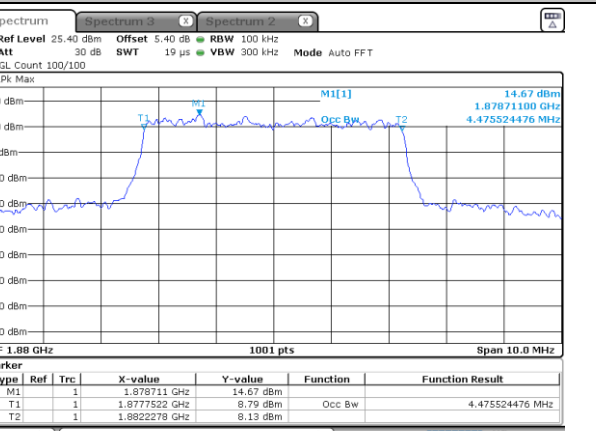
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 30.MAY.2024 01:19:59

Middle Channel / 5MHz / 16QAM

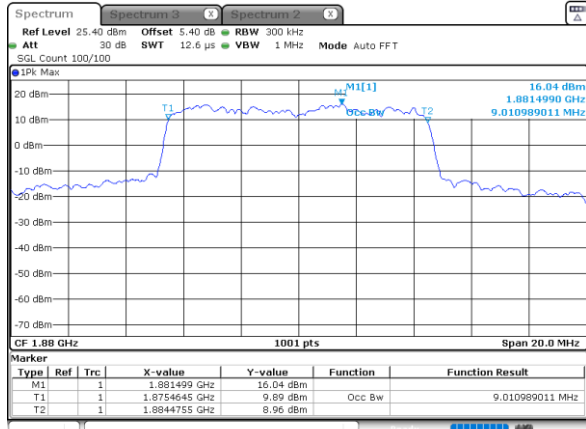


Date: 30.MAY.2024 01:20:42



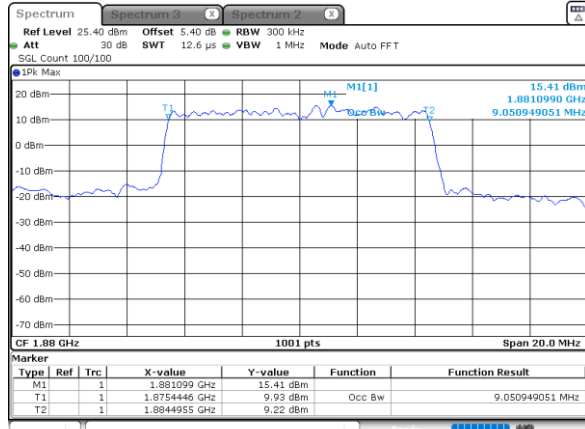
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 30.MAY.2024 01:18:56

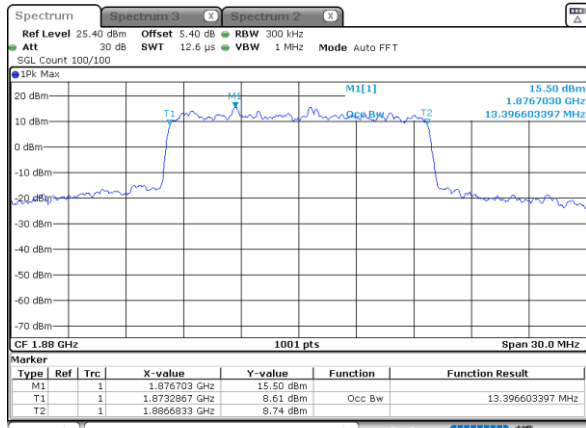
Middle Channel / 10MHz / 16QAM



Date: 30.MAY.2024 01:18:15

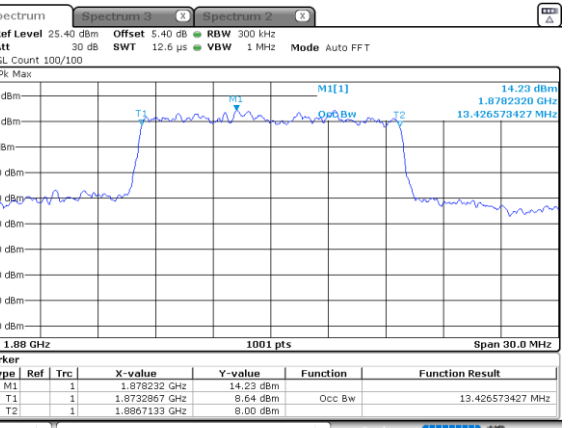
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 30.MAY.2024 01:16:22

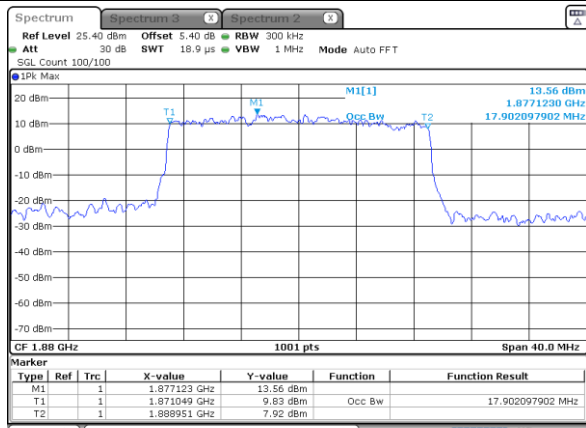
Middle Channel / 15MHz / 16QAM



Date: 30.MAY.2024 01:17:17

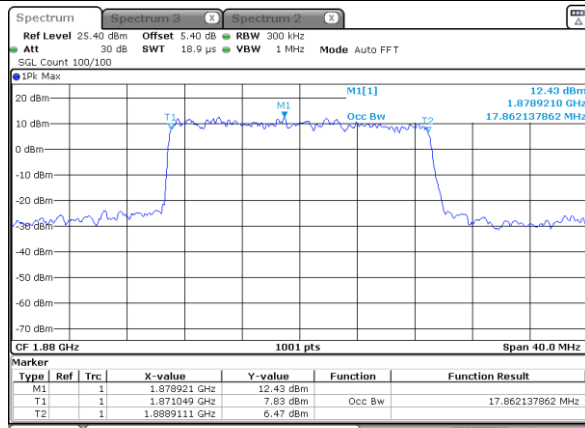
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 30.MAY.2024 01:12:10

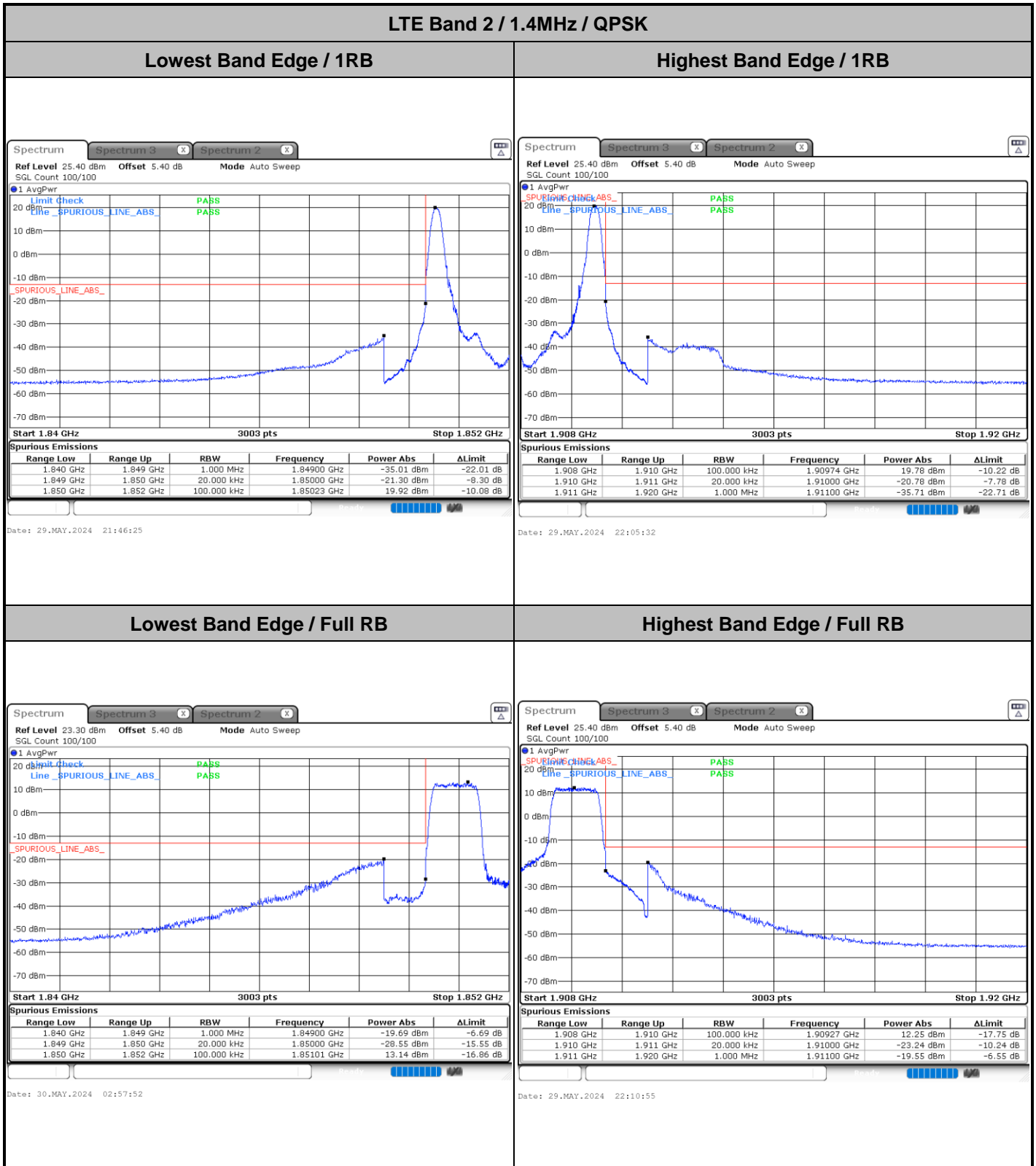
Middle Channel / 20MHz / 16QAM



Date: 30.MAY.2024 01:13:14



Conducted Band Edge

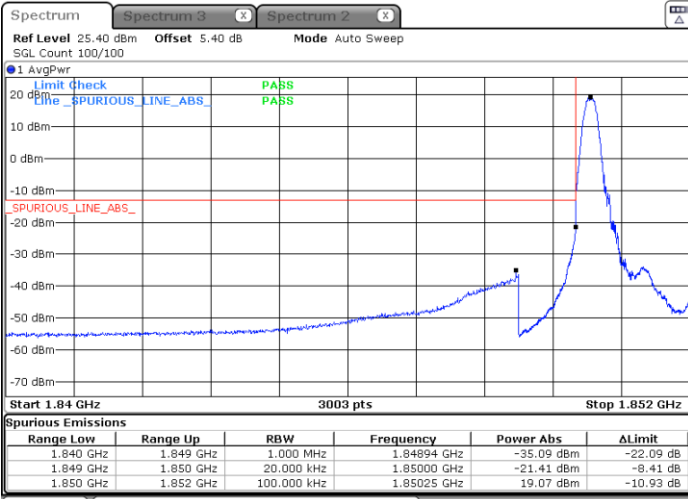




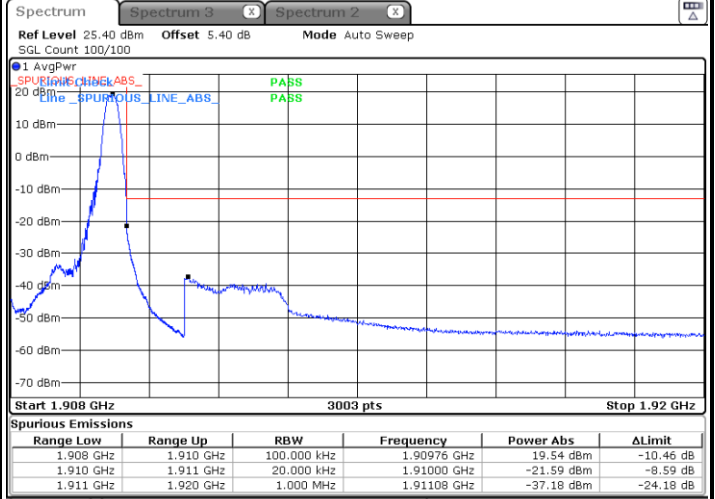
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



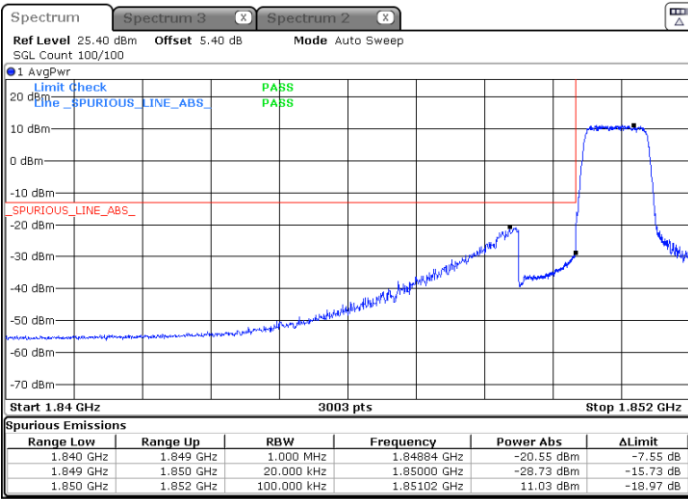
Date: 29.MAY.2024 21:47:48



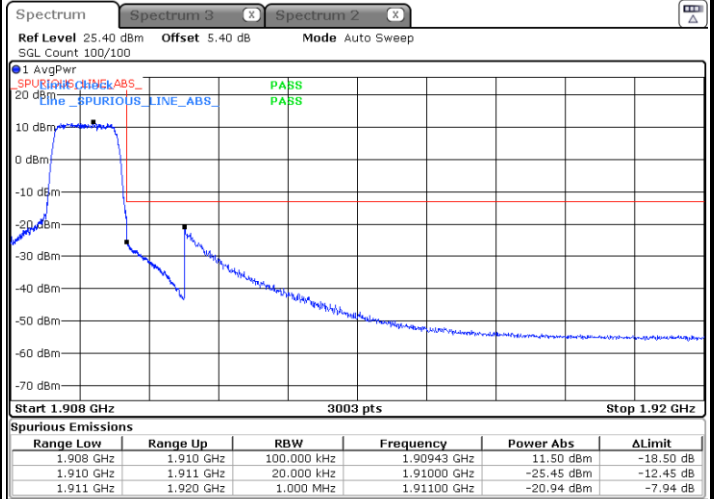
Date: 29.MAY.2024 22:06:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.MAY.2024 21:56:19

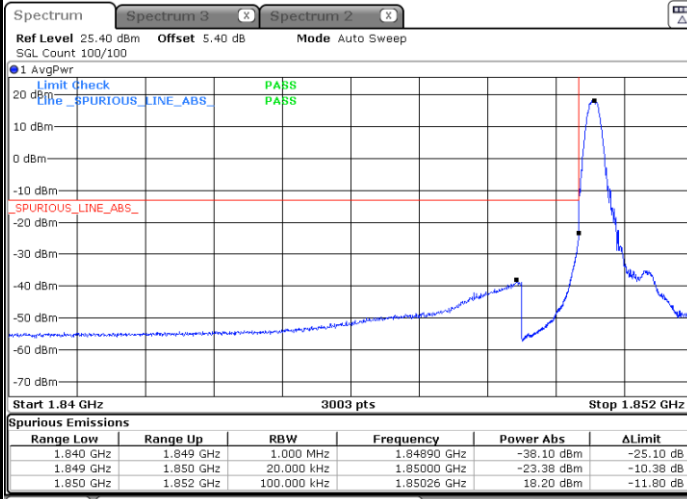


Date: 29.MAY.2024 22:12:15



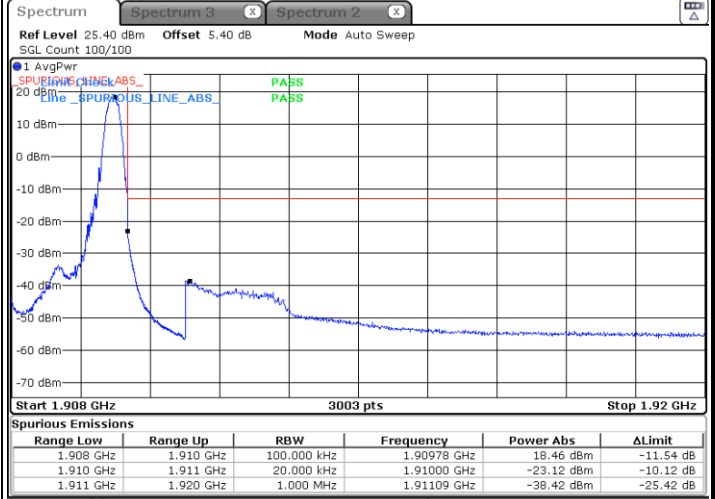
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



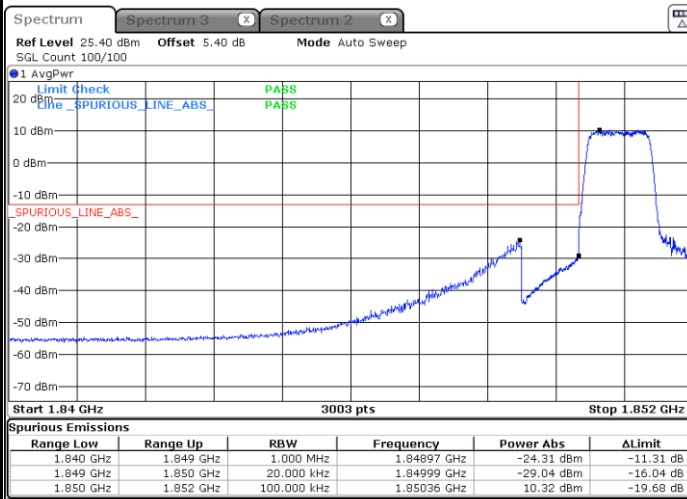
Date: 29.MAY.2024 21:49:08

Highest Band Edge / 1 RB



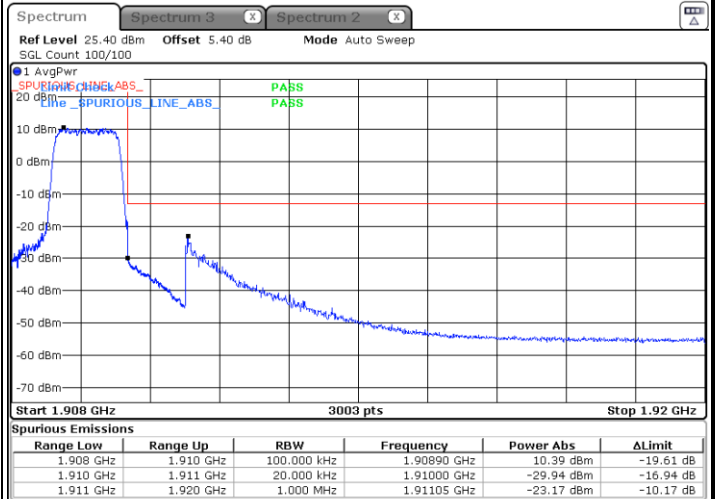
Date: 29.MAY.2024 22:08:15

Lowest Band Edge / Full RB



Date: 29.MAY.2024 21:57:38

Highest Band Edge / Full RB

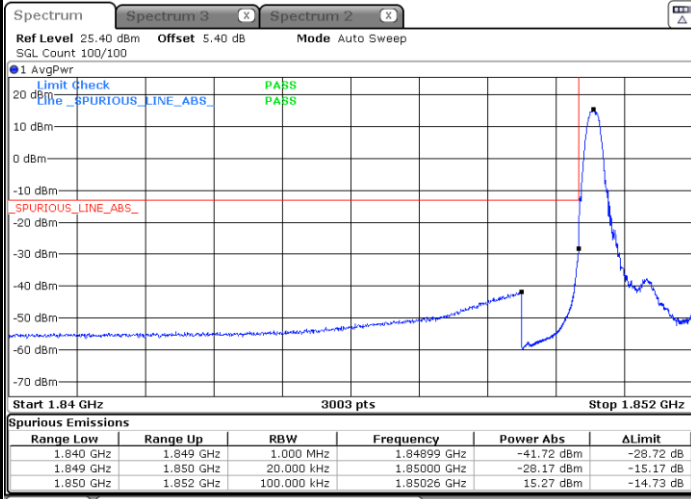


Date: 29.MAY.2024 22:13:35



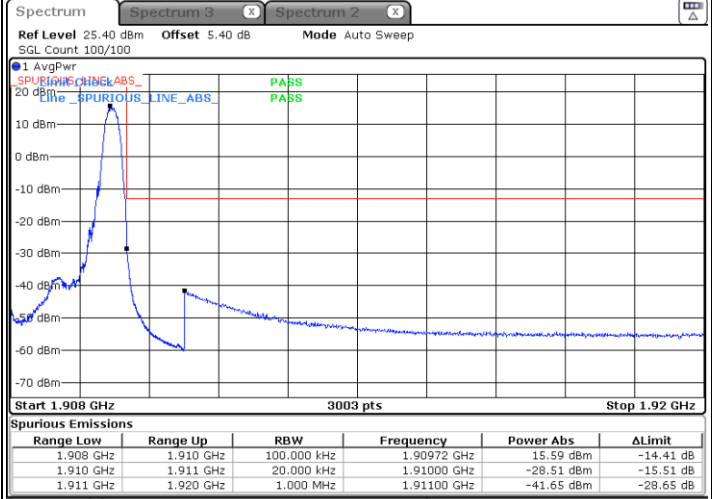
LTE Band 2 / 1.4MHz /256QAM

Lowest Band Edge / 1 RB



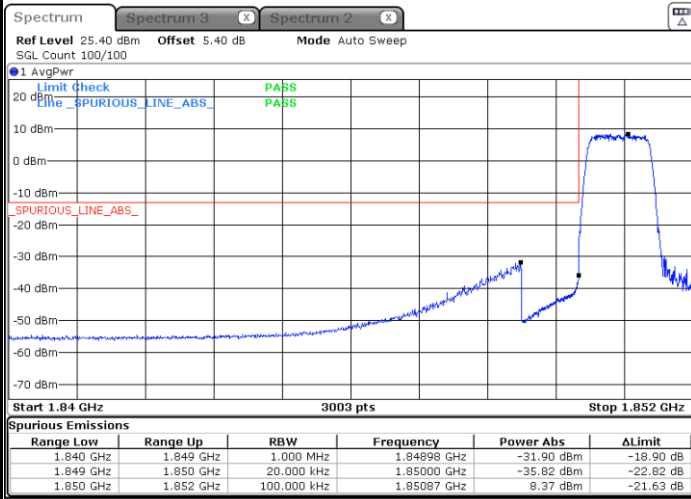
Date: 29.MAY.2024 21:50:28

Highest Band Edge / 1 RB



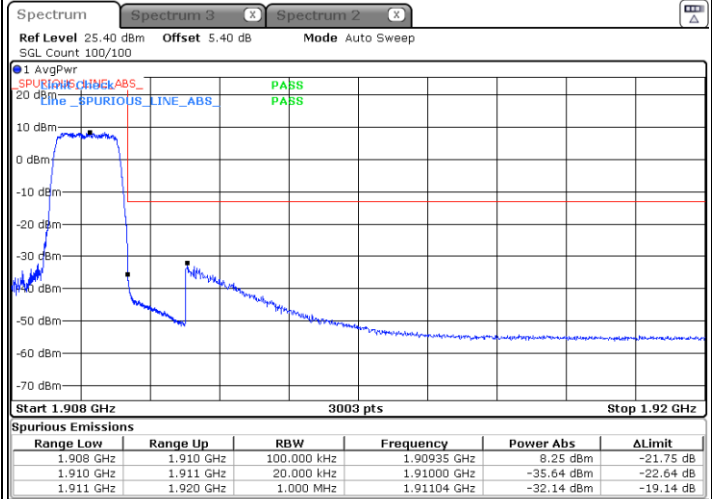
Date: 29.MAY.2024 22:09:35

Lowest Band Edge / Full RB



Date: 29.MAY.2024 21:58:58

Highest Band Edge / Full RB

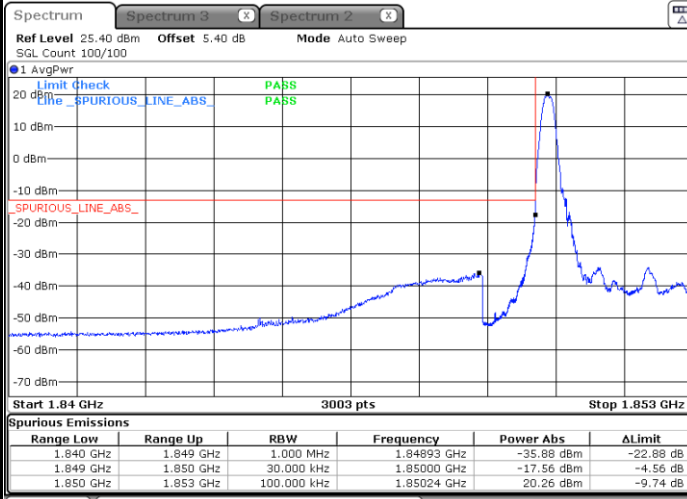


Date: 29.MAY.2024 22:14:54



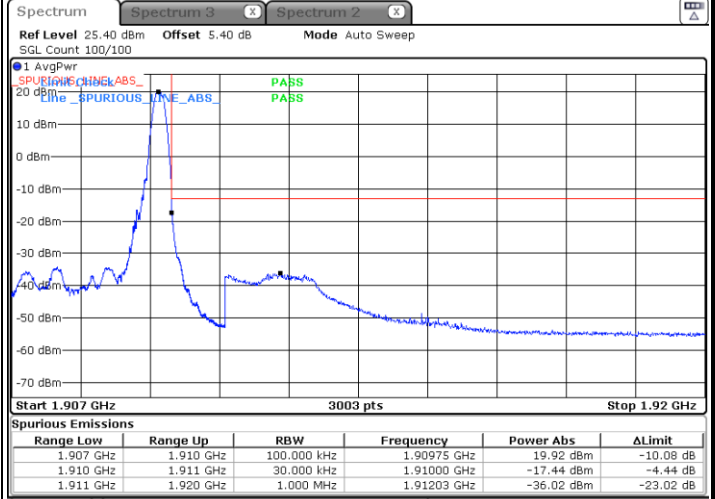
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



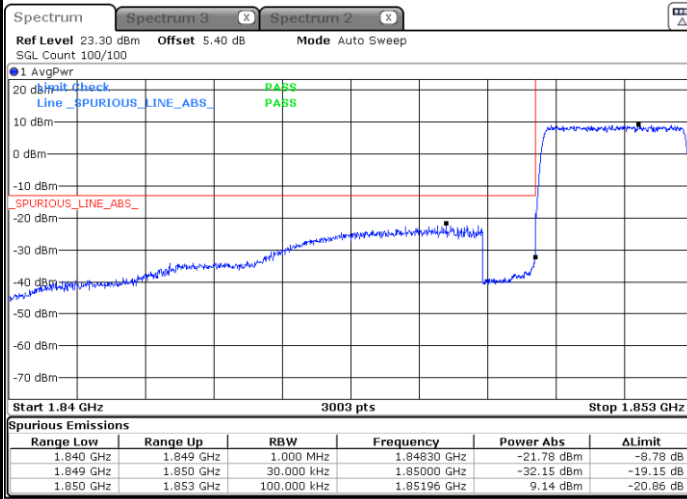
Date: 29.MAY.2024 22:26:53

Highest Band Edge / 1 RB



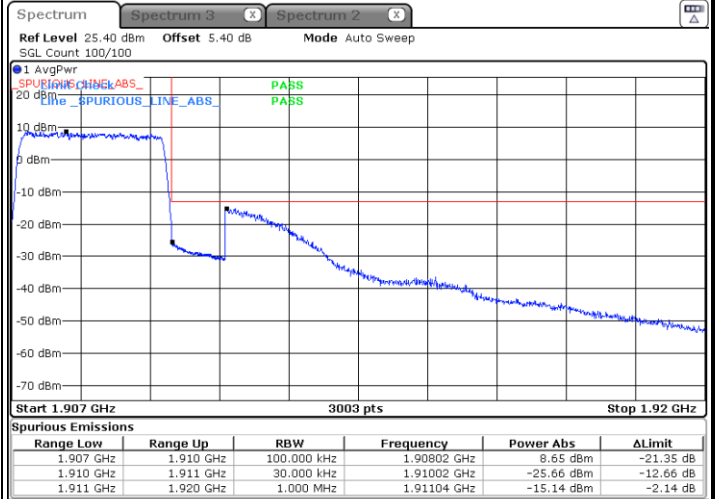
Date: 29.MAY.2024 22:42:47

Lowest Band Edge / Full RB



Date: 30.MAY.2024 02:59:30

Highest Band Edge / Full RB

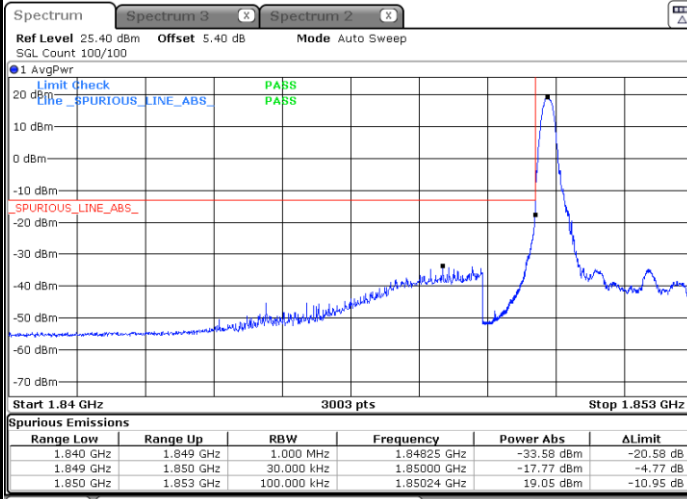


Date: 29.MAY.2024 22:47:54



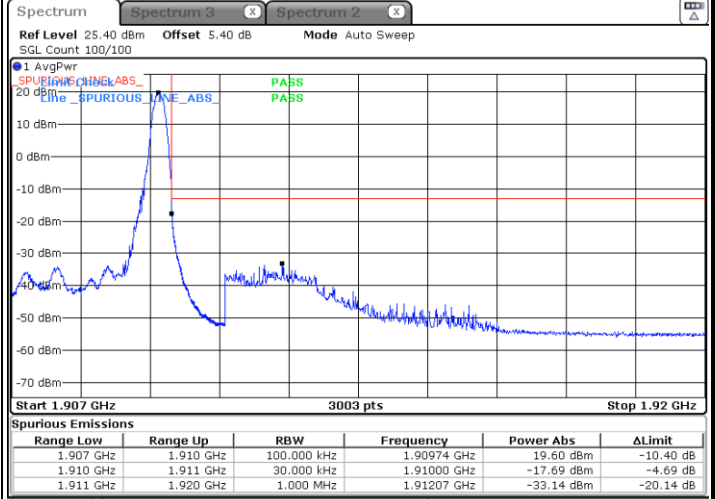
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



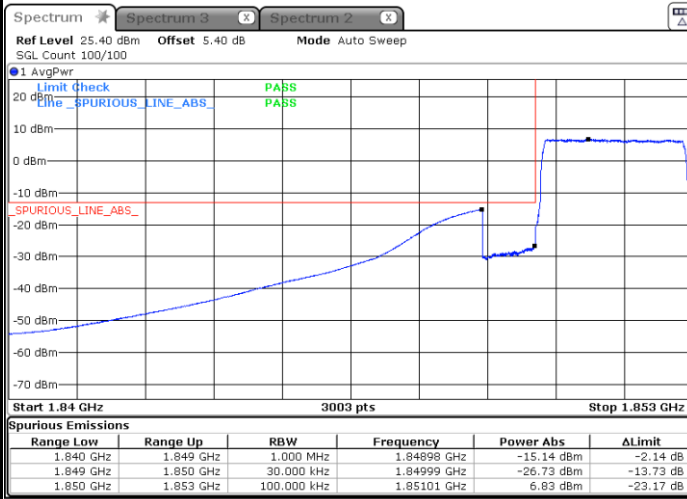
Date: 29.MAY.2024 22:28:17

Highest Band Edge / 1 RB



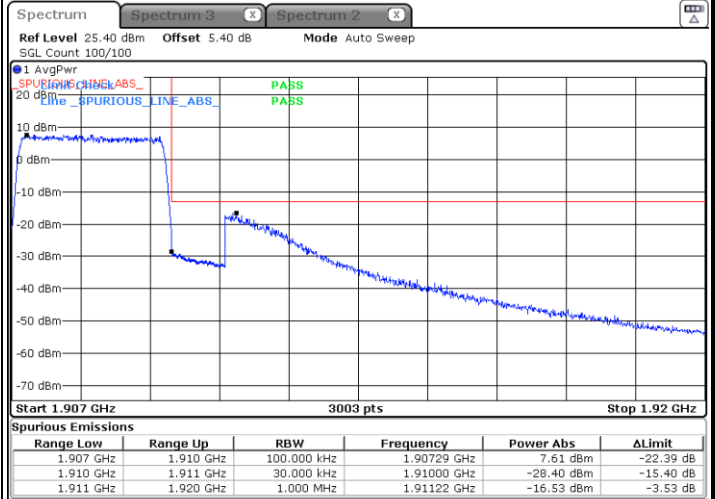
Date: 29.MAY.2024 22:44:10

Lowest Band Edge / Full RB



Date: 30.MAY.2024 01:44:45

Highest Band Edge / Full RB

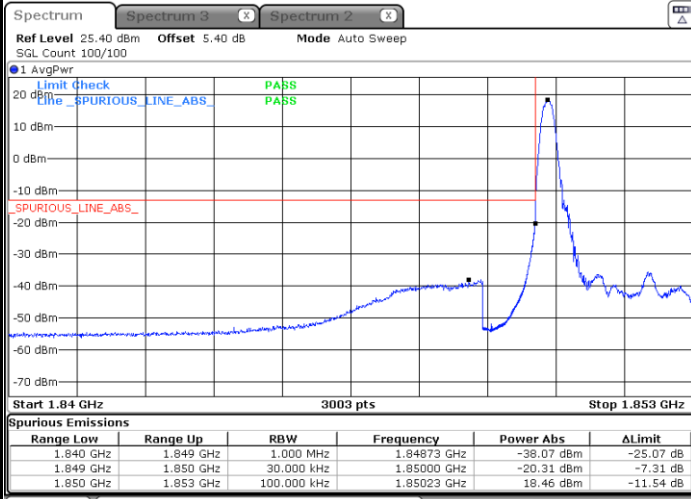


Date: 29.MAY.2024 22:48:59



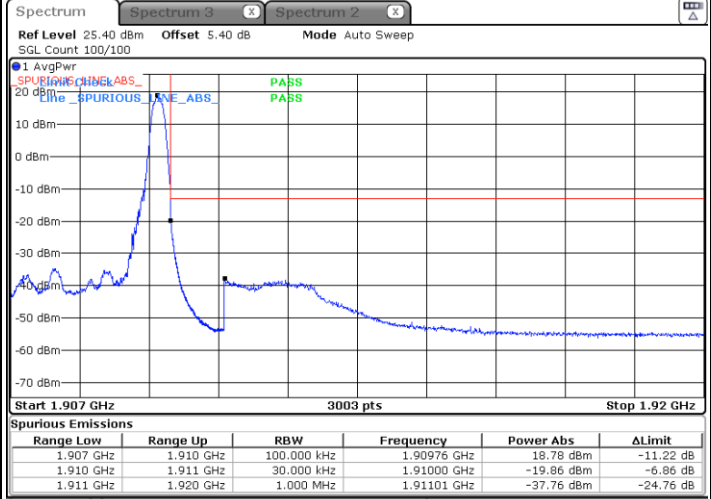
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



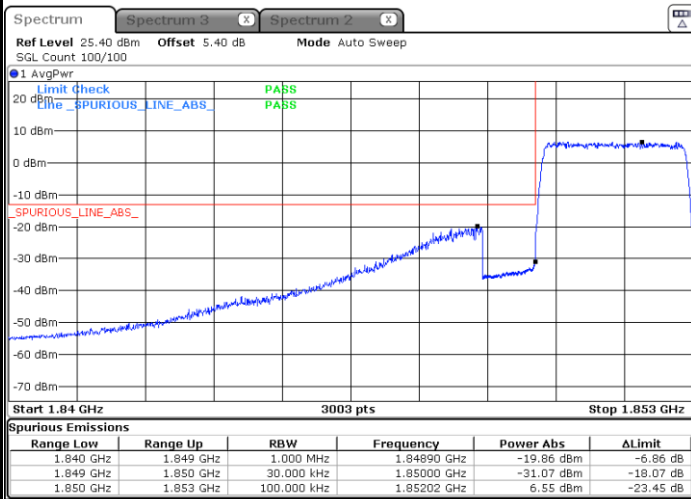
Date: 29.MAY.2024 22:29:37

Highest Band Edge / 1 RB



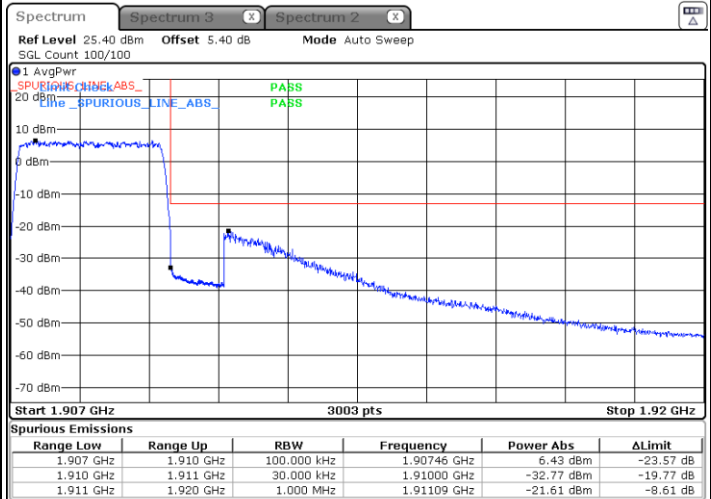
Date: 29.MAY.2024 22:45:30

Lowest Band Edge / Full RB



Date: 29.MAY.2024 22:34:56

Highest Band Edge / Full RB

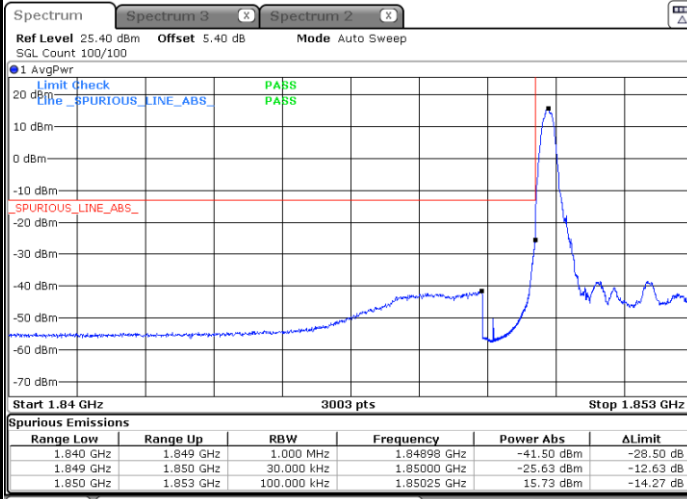


Date: 29.MAY.2024 22:50:04



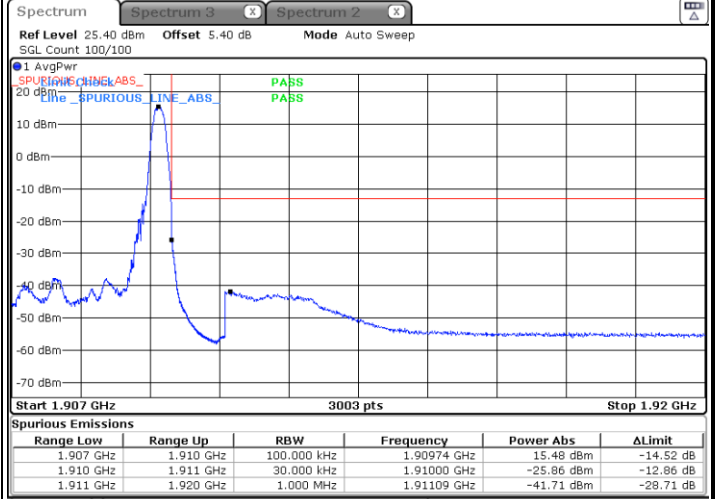
LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



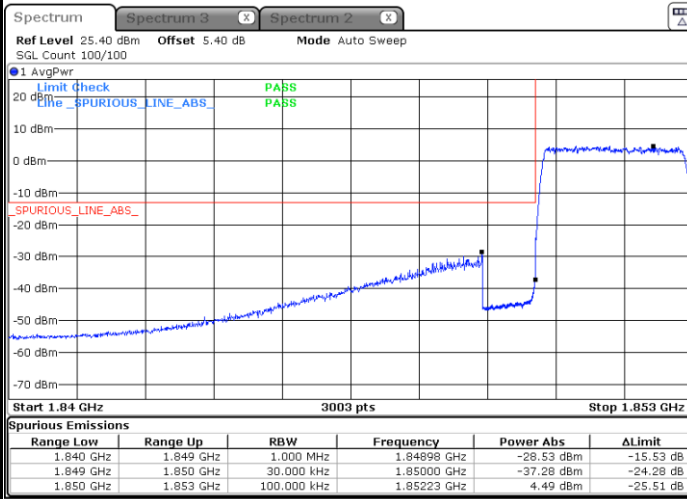
Date: 29.MAY.2024 22:30:56

Highest Band Edge / 1 RB



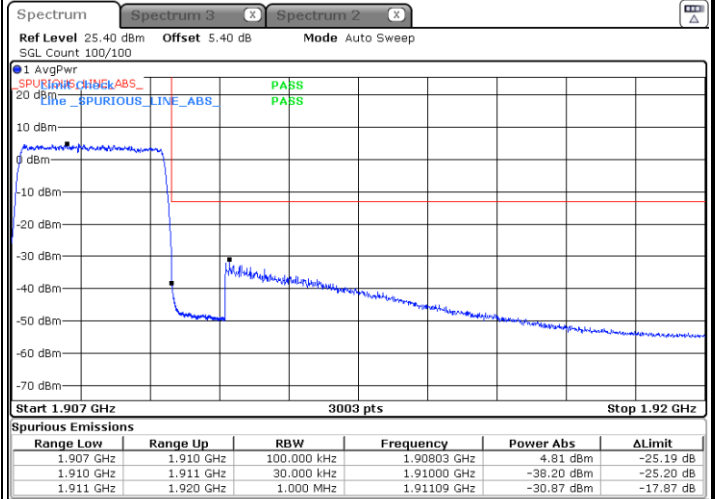
Date: 29.MAY.2024 22:46:49

Lowest Band Edge / Full RB



Date: 29.MAY.2024 22:36:16

Highest Band Edge / Full RB

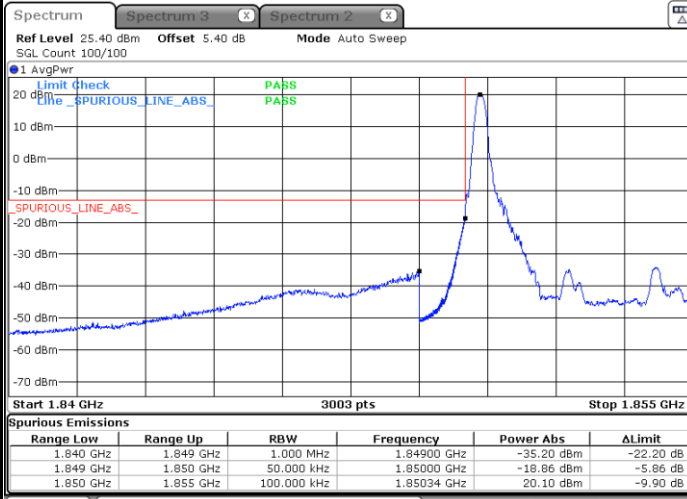


Date: 29.MAY.2024 22:51:09



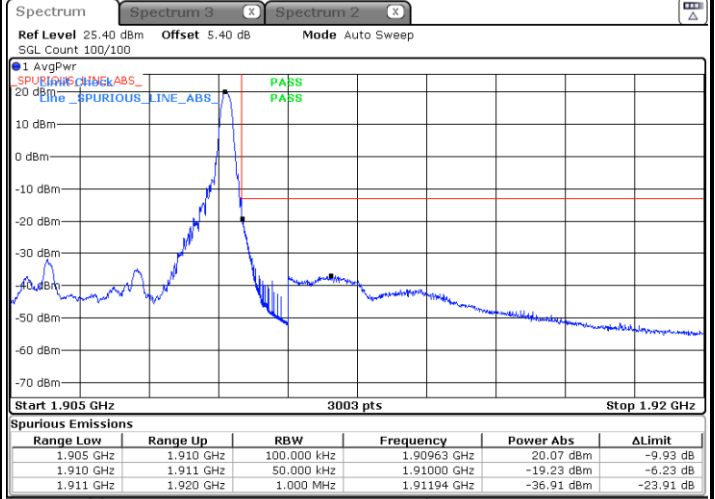
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



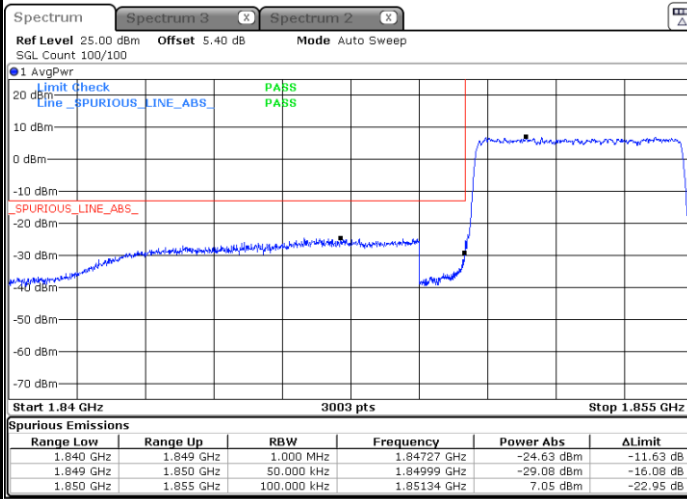
Date: 29.MAY.2024 22:55:48

Highest Band Edge / 1 RB



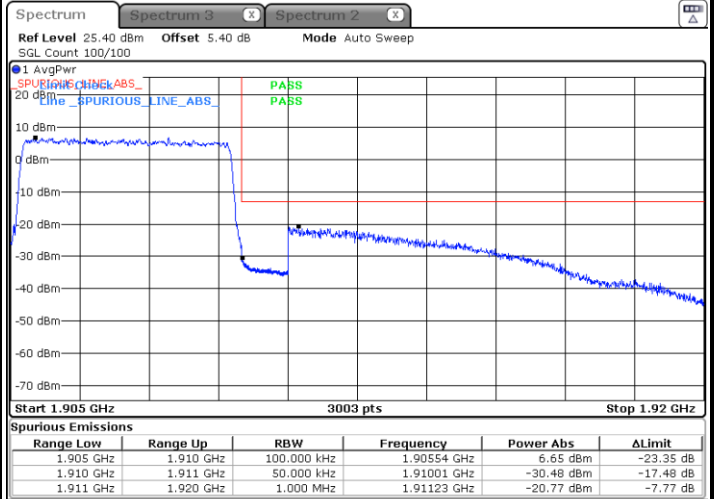
Date: 29.MAY.2024 23:07:45

Lowest Band Edge / Full RB



Date: 30.MAY.2024 03:01:59

Highest Band Edge / Full RB

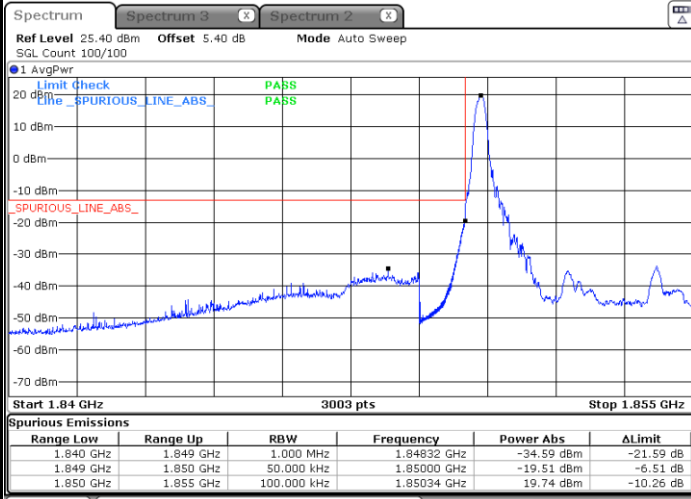


Date: 29.MAY.2024 23:13:11



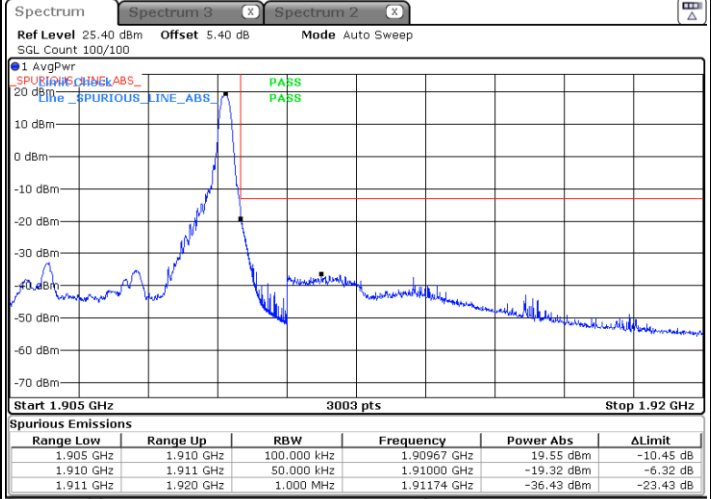
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



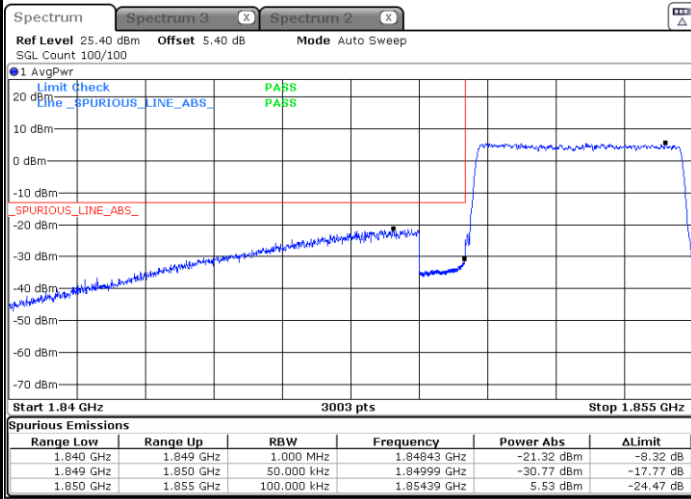
Date: 29.MAY.2024 22:57:17

Highest Band Edge / 1 RB



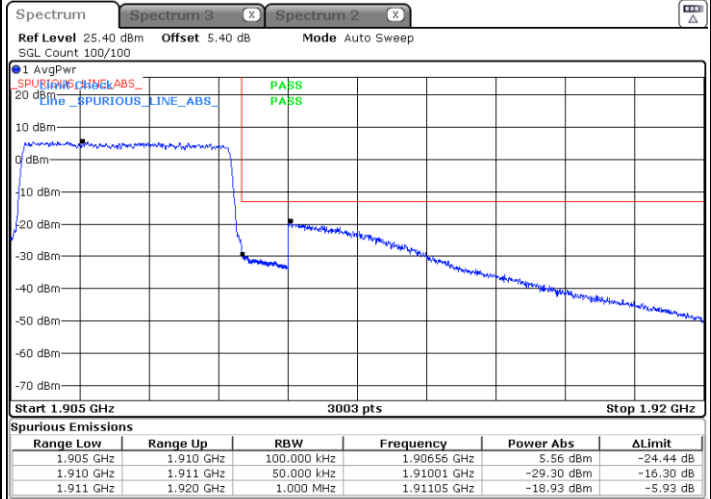
Date: 29.MAY.2024 23:08:57

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:01:41

Highest Band Edge / Full RB

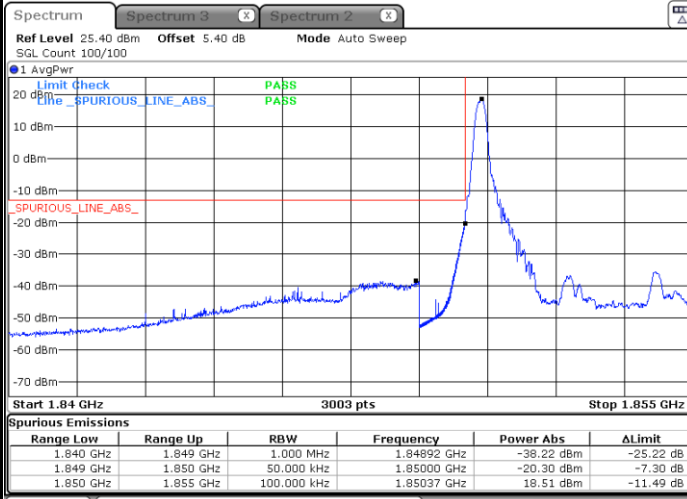


Date: 29.MAY.2024 23:14:16

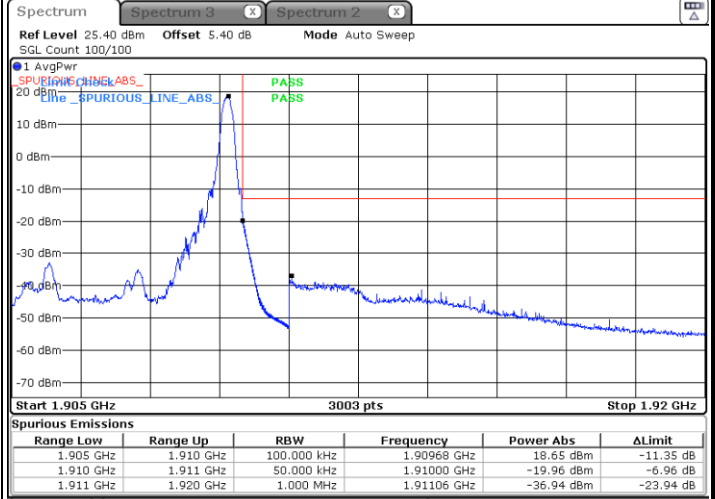


LTE Band 2 / 5MHz / 64QAM

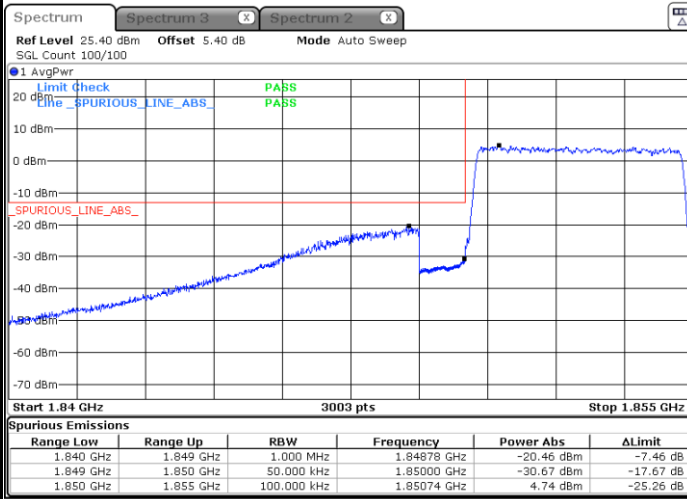
Lowest Band Edge / 1RB



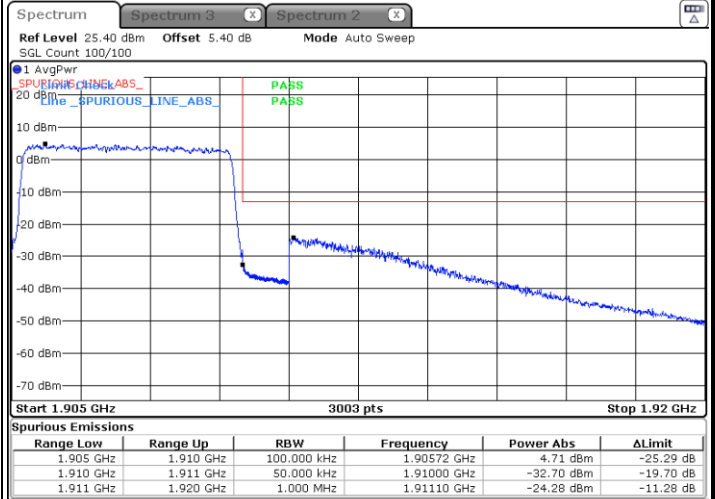
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



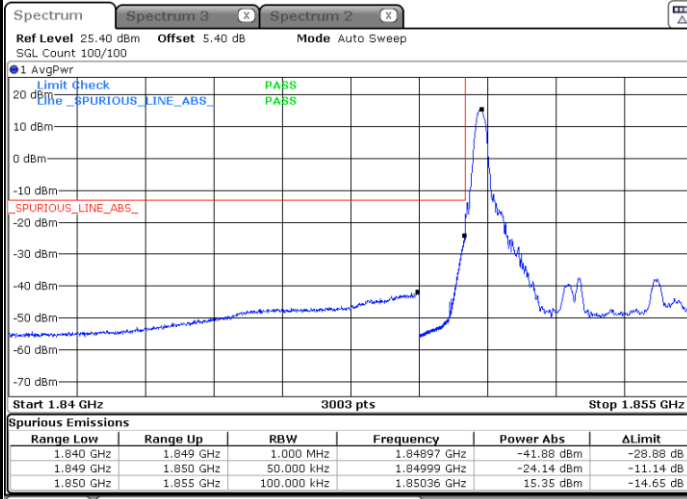
Highest Band Edge / Full RB





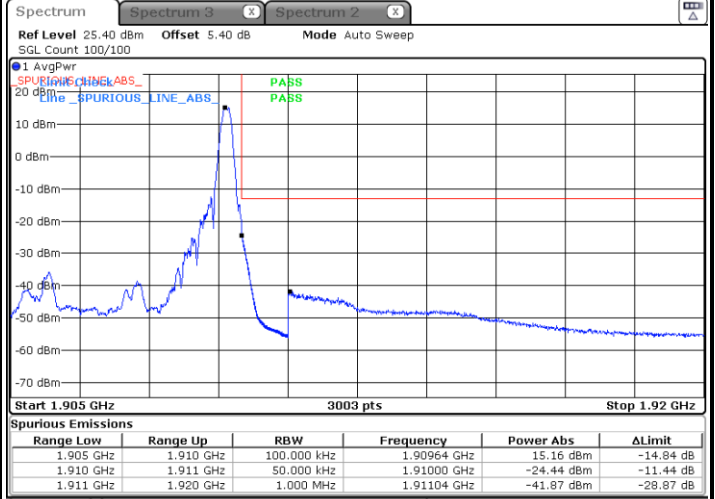
LTE Band 2 / 5MHz / 256QAM

Lowest Band Edge / 1RB



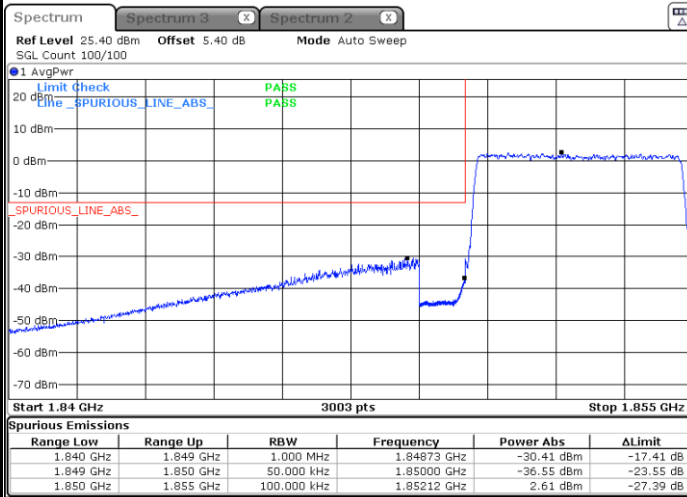
Date: 29.MAY.2024 22:59:27

Highest Band Edge / 1 RB



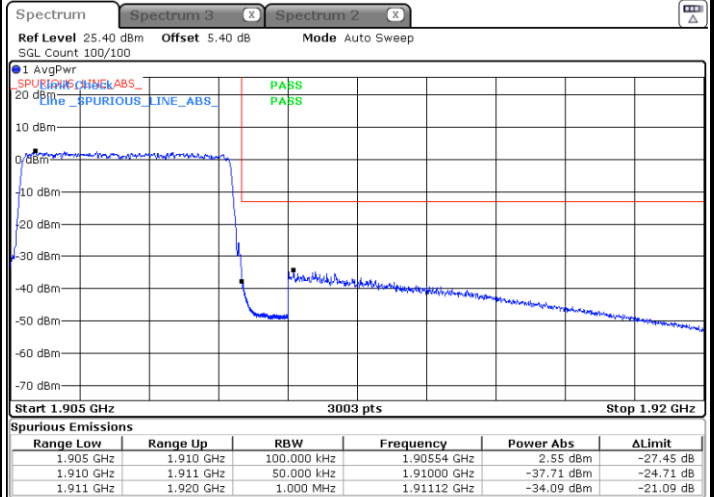
Date: 29.MAY.2024 23:11:06

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:03:50

Highest Band Edge / Full RB

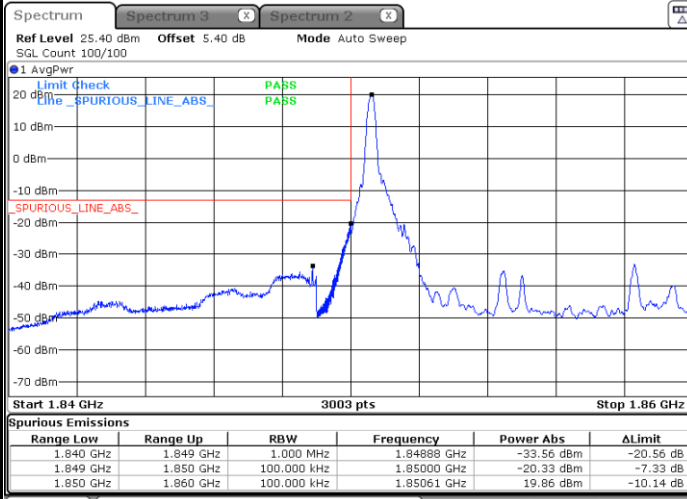


Date: 29.MAY.2024 23:16:25



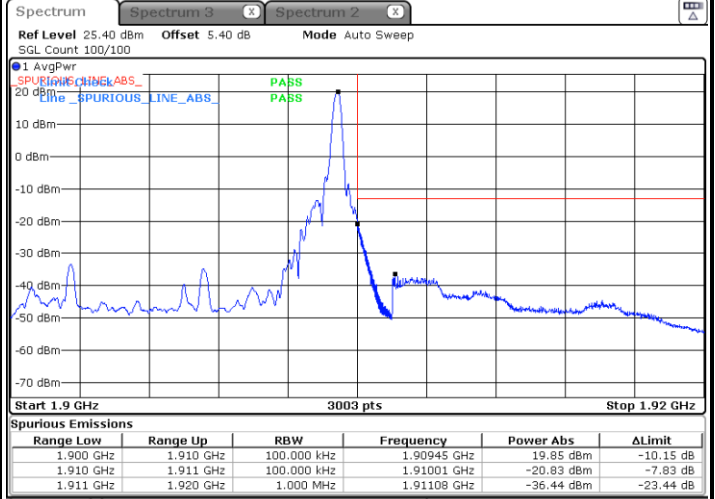
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



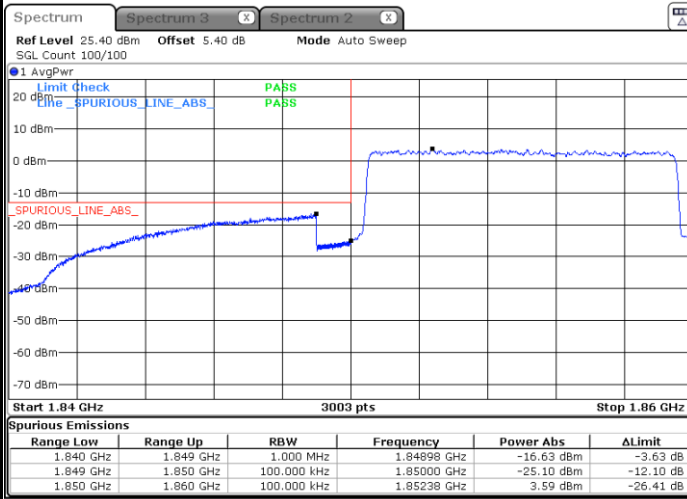
Date: 29.MAY.2024 23:23:56

Highest Band Edge / 1 RB



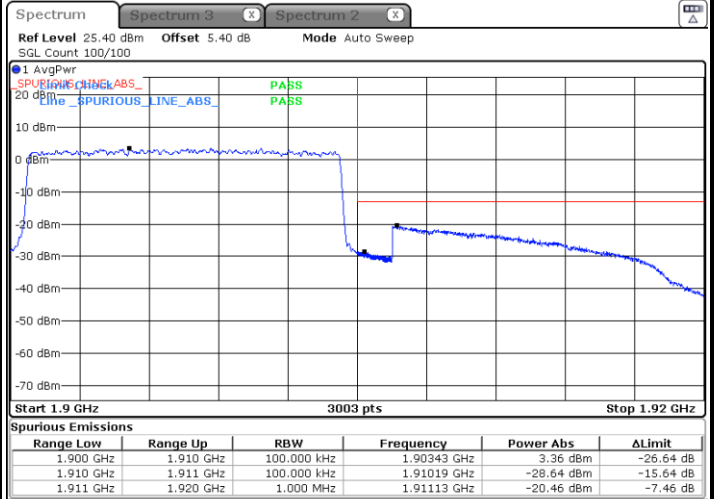
Date: 29.MAY.2024 23:37:48

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:28:19

Highest Band Edge / Full RB

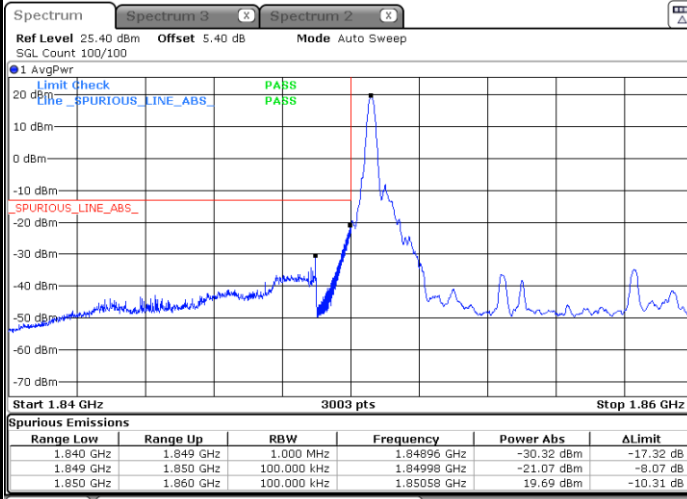


Date: 29.MAY.2024 23:42:17



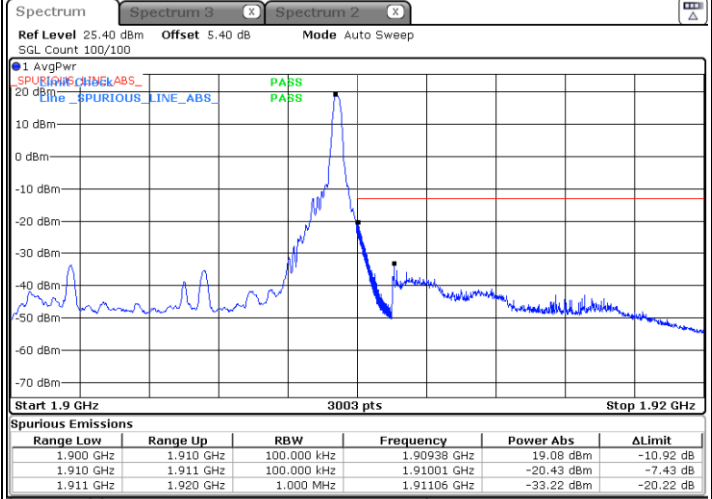
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



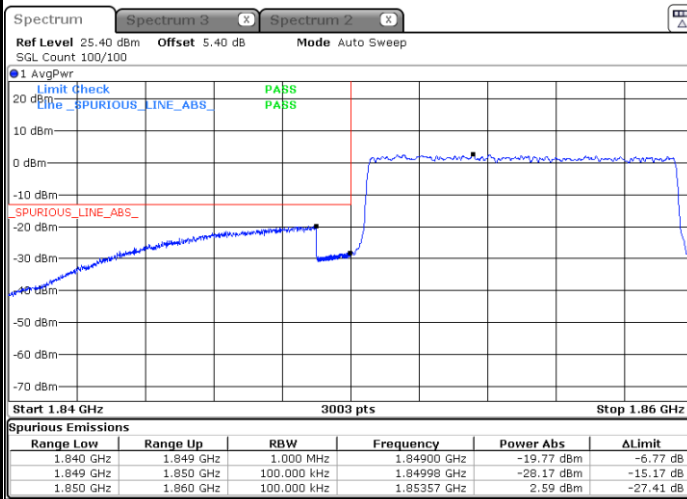
Date: 29.MAY.2024 23:25:05

Highest Band Edge / 1 RB



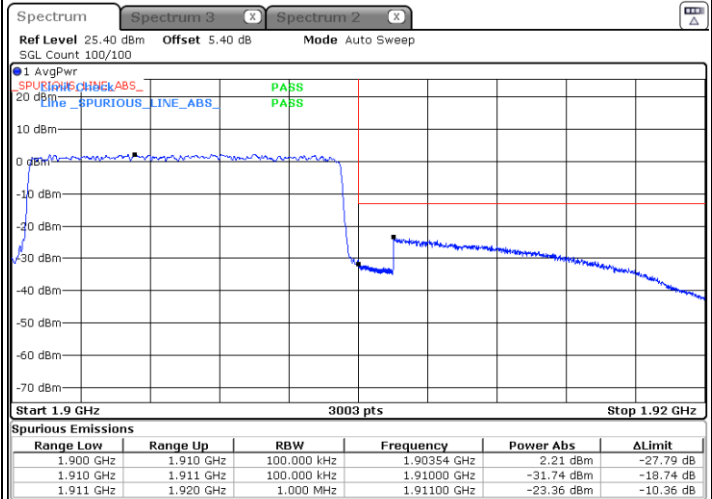
Date: 29.MAY.2024 23:39:02

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:29:24

Highest Band Edge / Full RB

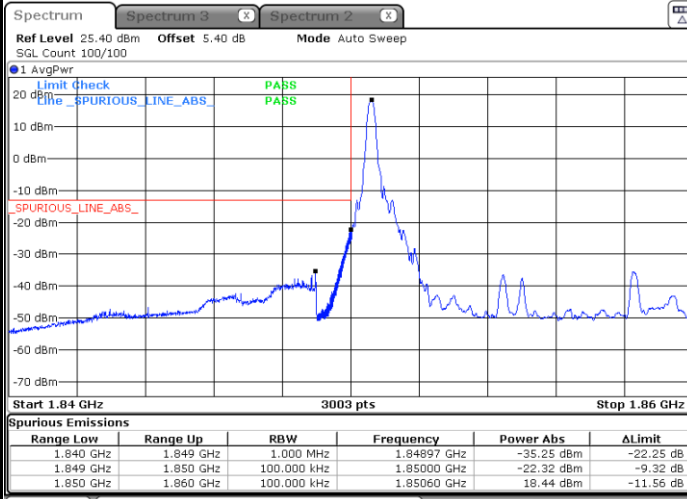


Date: 29.MAY.2024 23:43:22



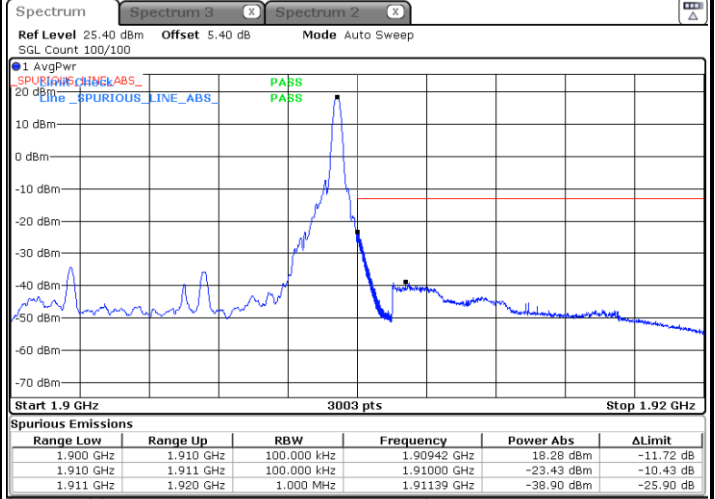
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



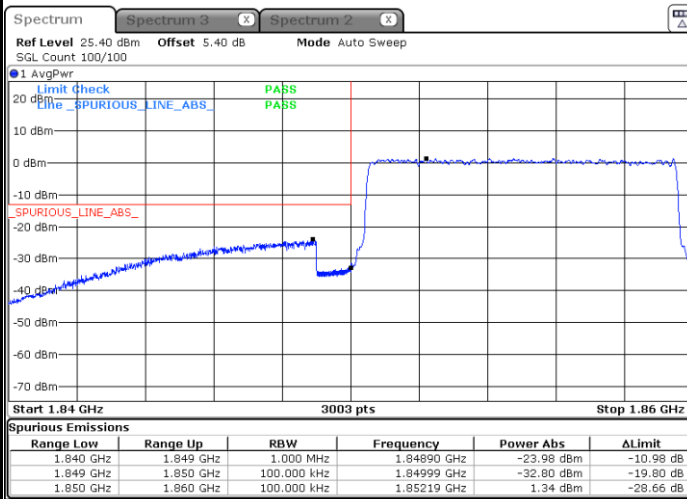
Date: 29.MAY.2024 23:26:09

Highest Band Edge / 1 RB



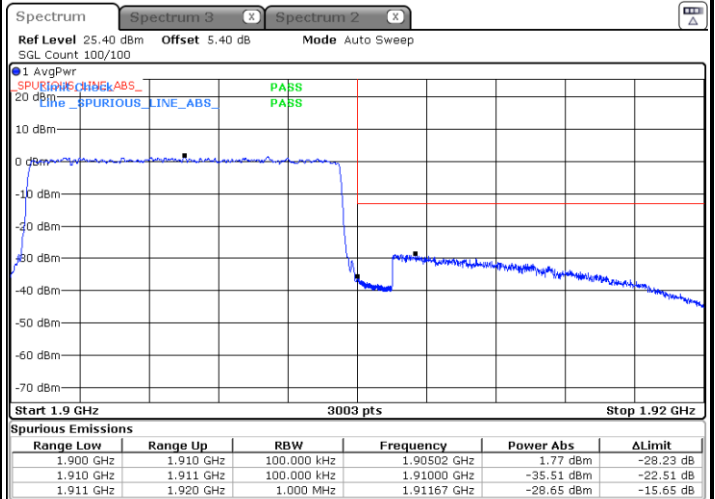
Date: 29.MAY.2024 23:40:07

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:30:29

Highest Band Edge / Full RB

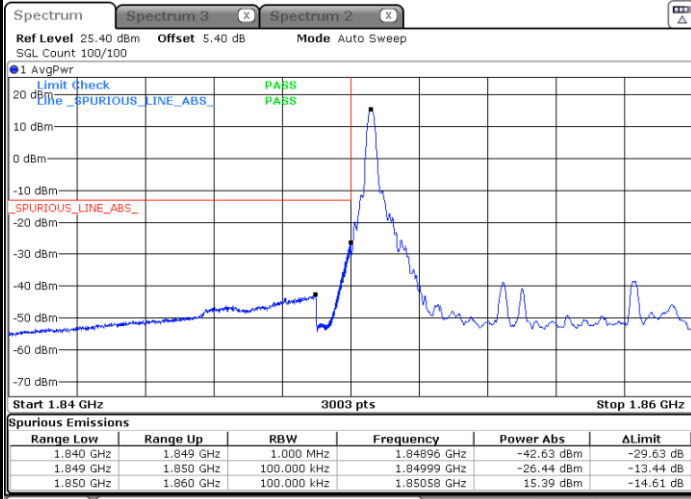


Date: 29.MAY.2024 23:44:27



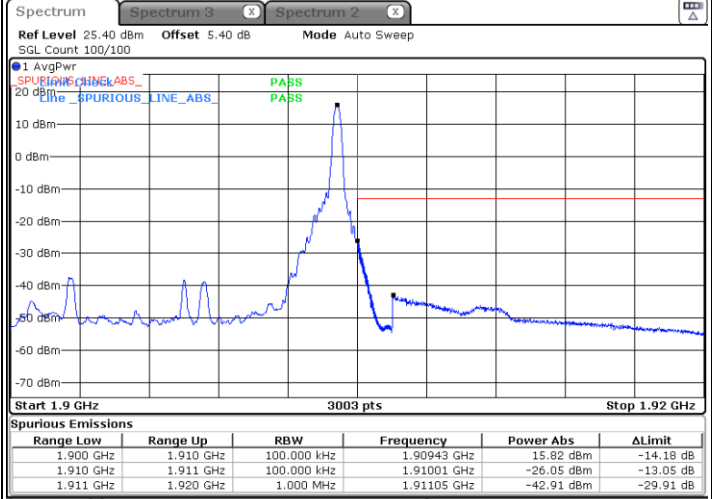
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



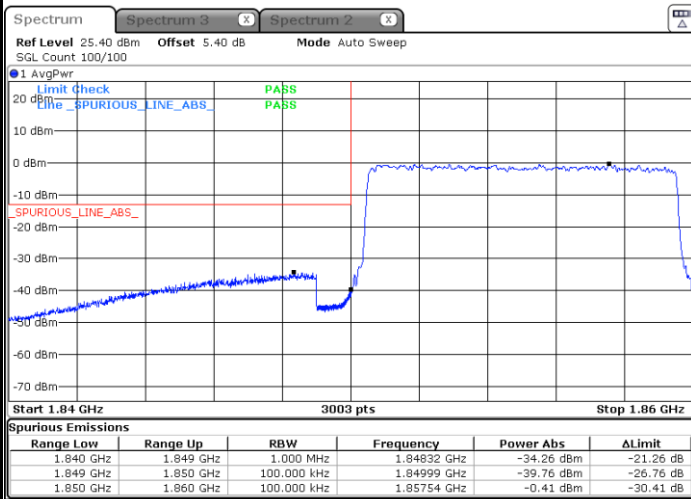
Date: 29.MAY.2024 23:27:14

Highest Band Edge / 1 RB



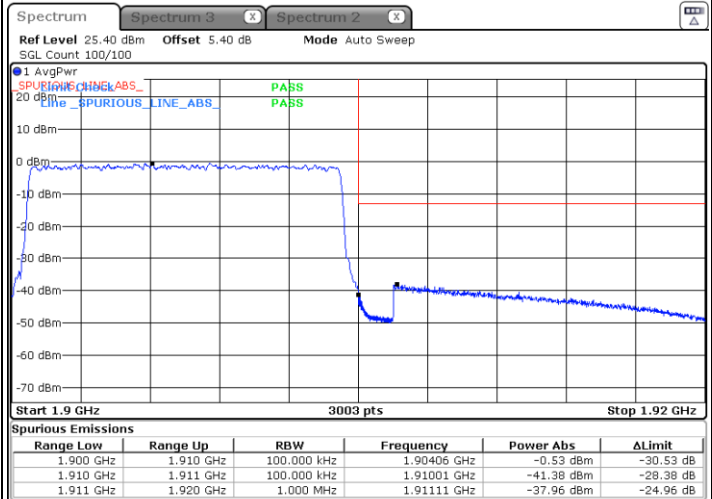
Date: 29.MAY.2024 23:41:12

Lowest Band Edge / Full RB



Date: 29.MAY.2024 23:31:34

Highest Band Edge / Full RB

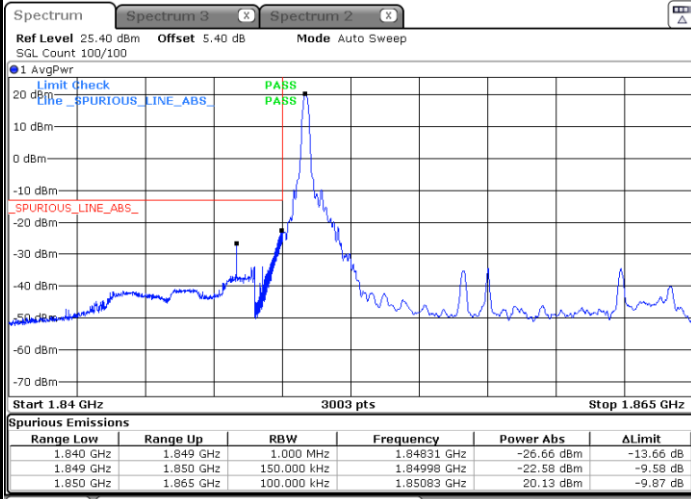


Date: 29.MAY.2024 23:45:32



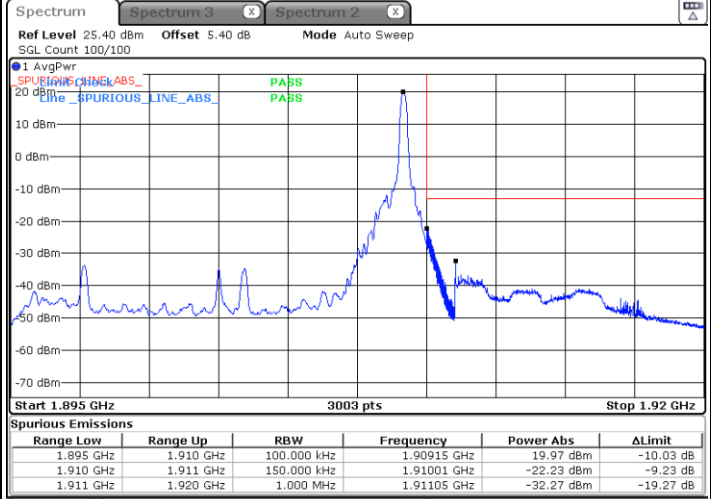
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



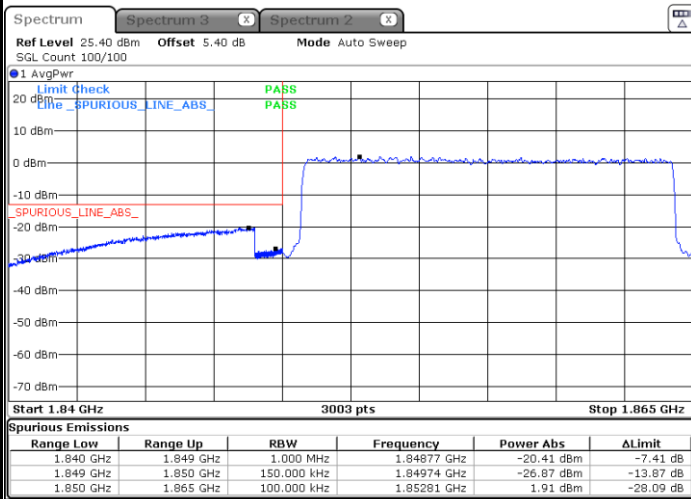
Date: 30.MAY.2024 00:26:14

Highest Band Edge / 1 RB



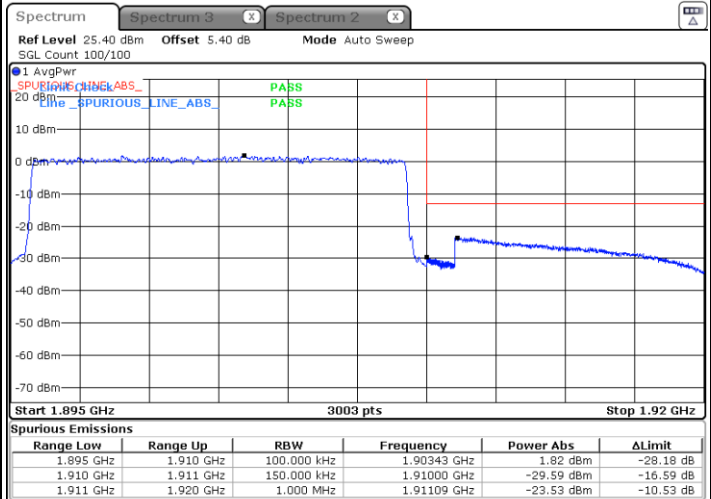
Date: 30.MAY.2024 00:38:57

Lowest Band Edge / Full RB



Date: 30.MAY.2024 00:30:42

Highest Band Edge / Full RB



Date: 30.MAY.2024 00:43:19