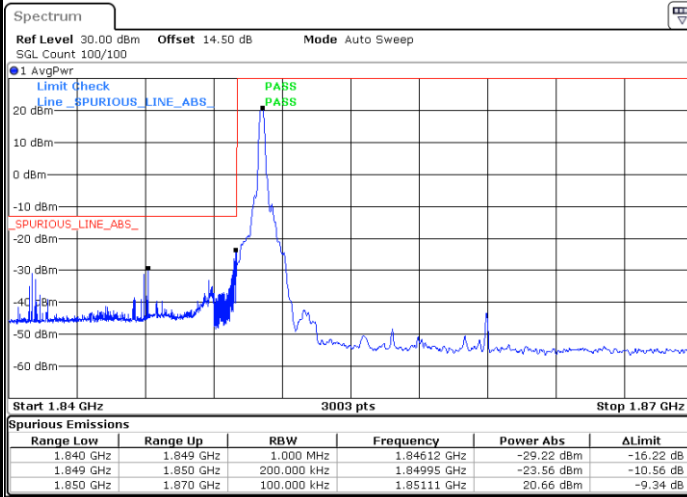




LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



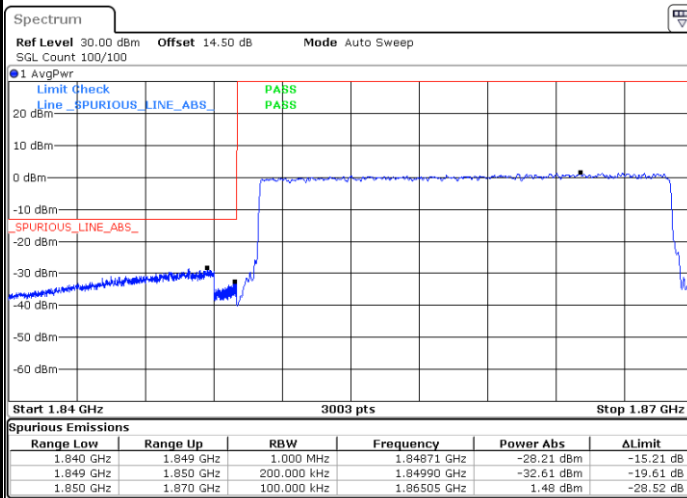
Date: 15.NOV.2024 19:30:12

Highest Band Edge / 1 RB



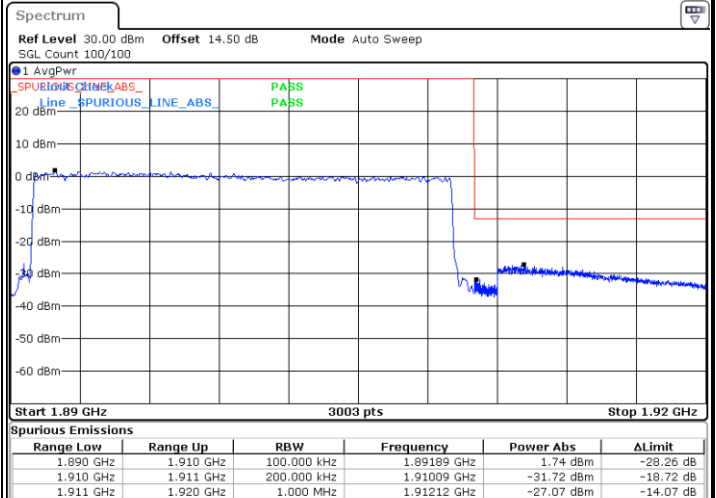
Date: 15.NOV.2024 19:37:56

Lowest Band Edge / Full RB



Date: 15.NOV.2024 19:32:29

Highest Band Edge / Full RB

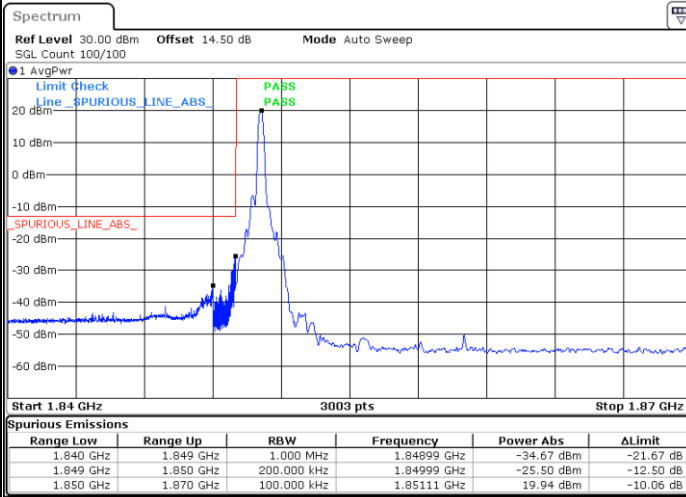


Date: 15.NOV.2024 19:40:14



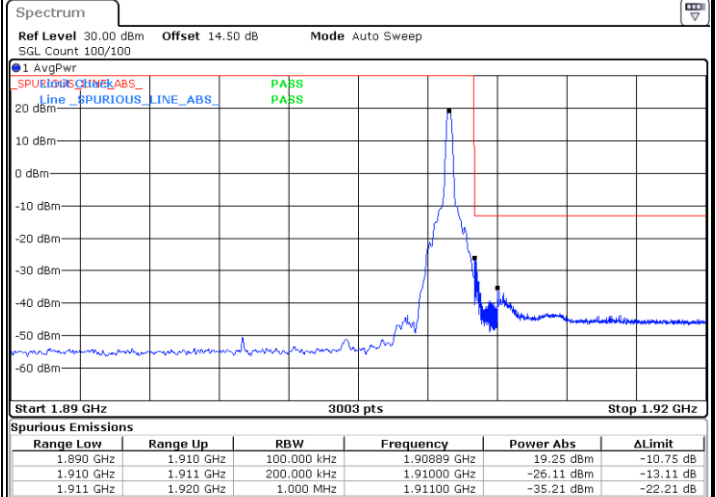
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



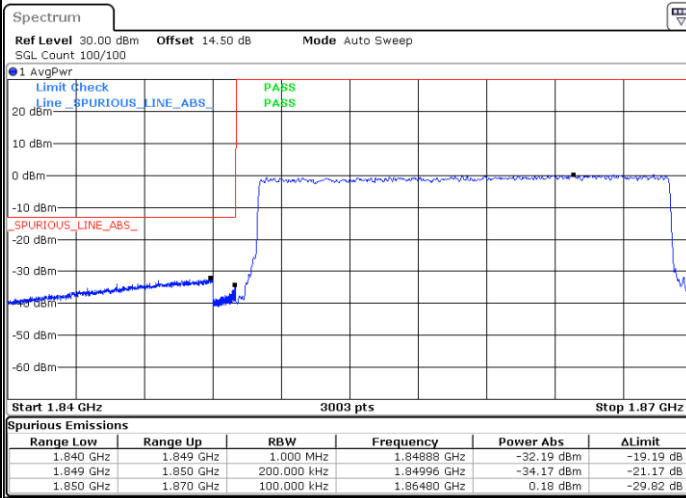
Date: 15.NOV.2024 19:30:57

Highest Band Edge / 1 RB



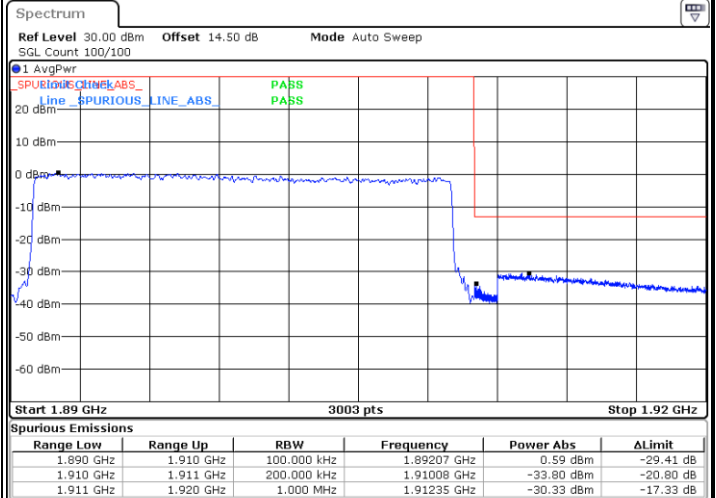
Date: 15.NOV.2024 19:38:42

Lowest Band Edge / Full RB



Date: 15.NOV.2024 19:33:15

Highest Band Edge / Full RB



Date: 15.NOV.2024 19:41:00

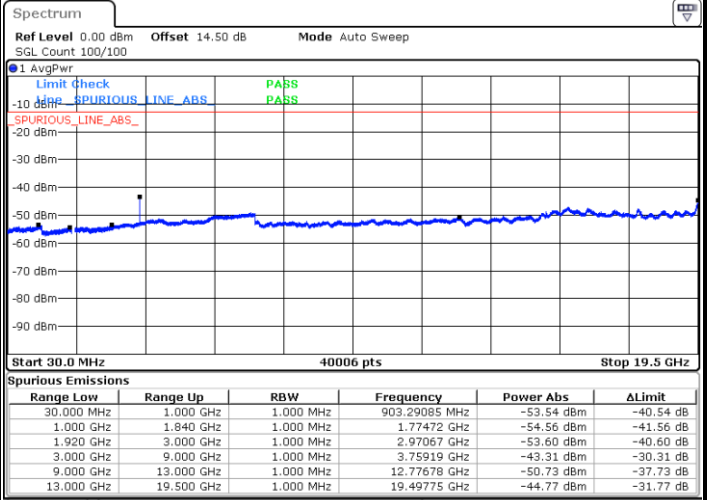
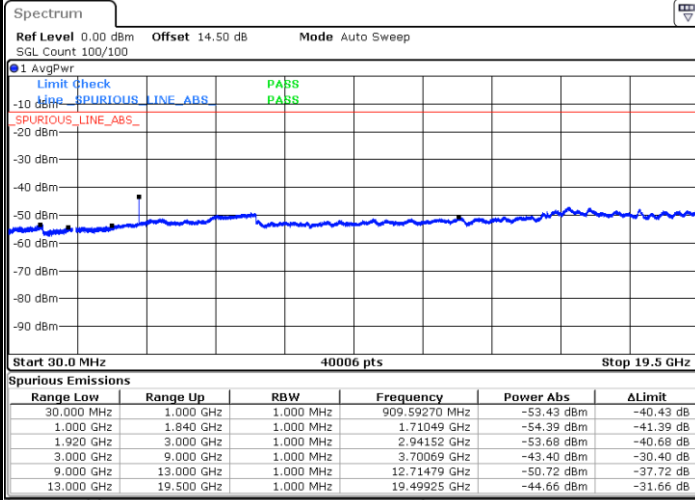


Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

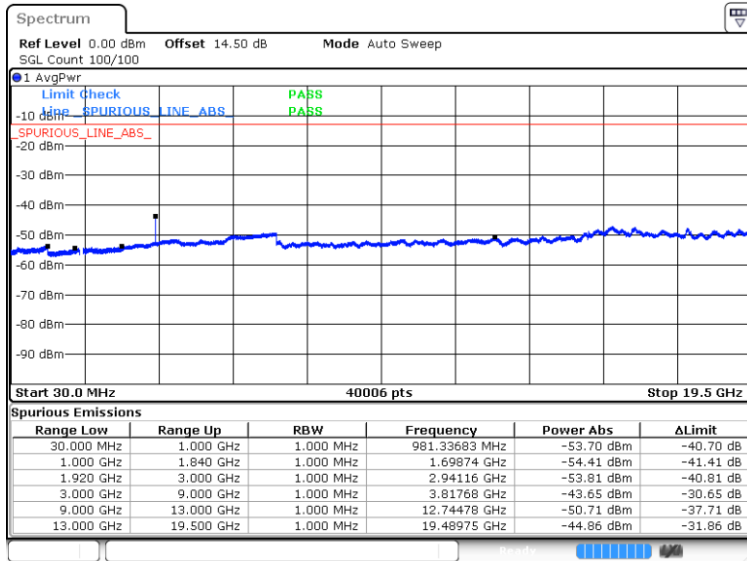
Middle Channel / QPSK



Date: 15.NOV.2024 18:22:01

Date: 15.NOV.2024 18:25:14

Highest Channel / QPSK



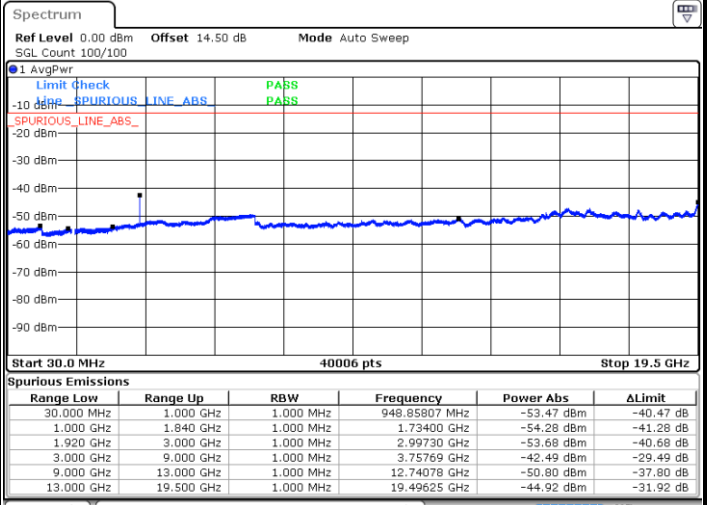
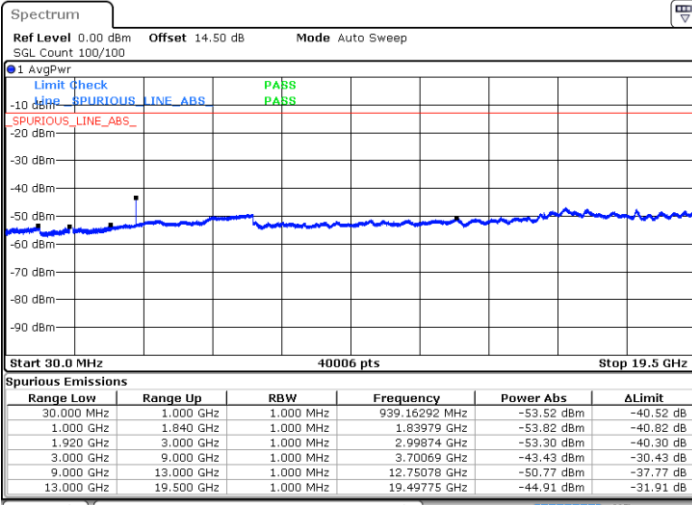
Date: 15.NOV.2024 18:29:46



LTE Band 2 / 3MHz

Lowest Channel / QPSK

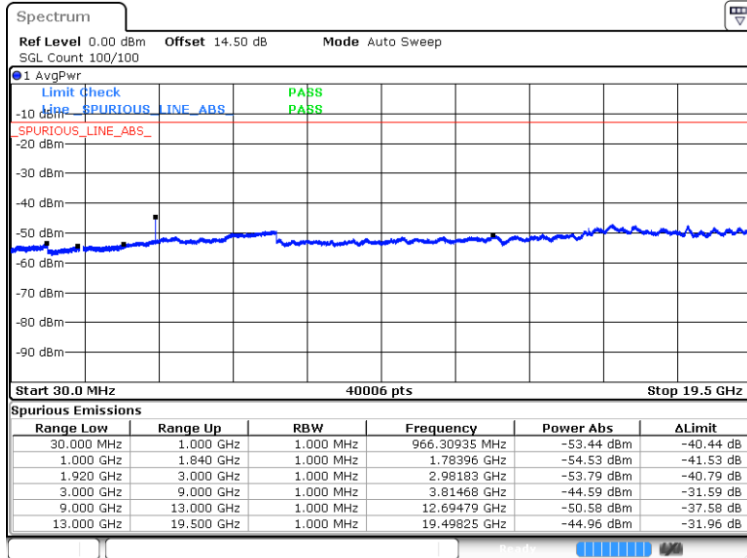
Middle Channel / QPSK



Date: 15.NOV.2024 18:35:59

Date: 15.NOV.2024 18:39:12

Highest Channel / QPSK



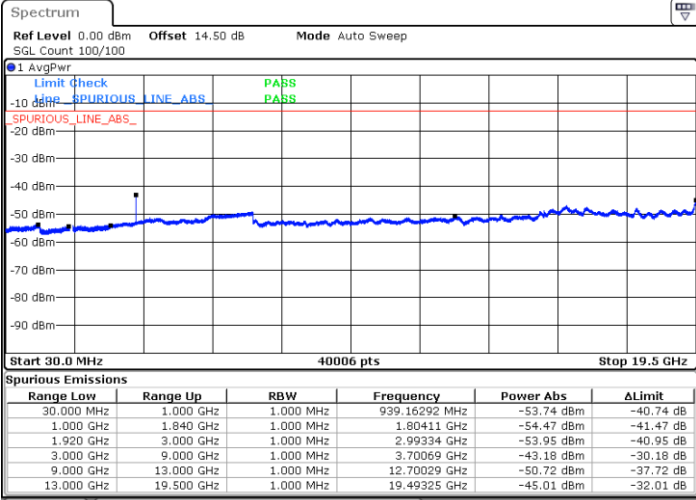
Date: 15.NOV.2024 18:46:02



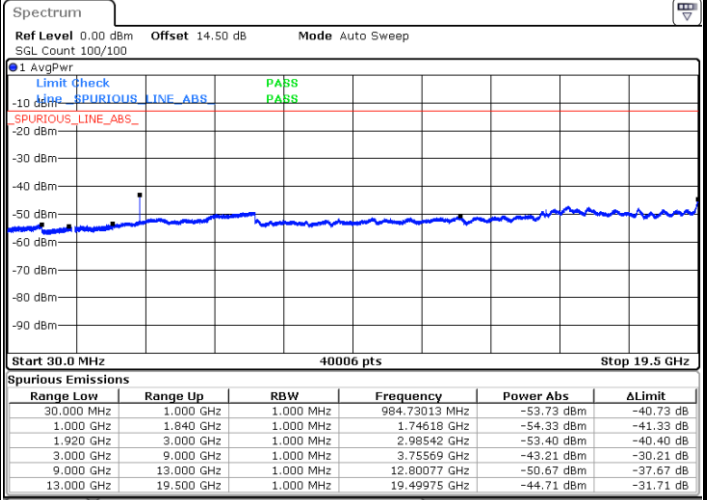
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

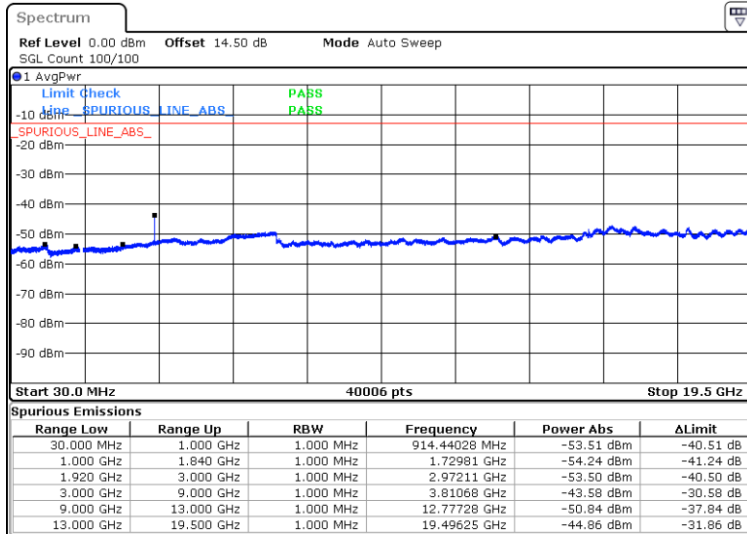


Date: 15.NOV.2024 18:49:58



Date: 15.NOV.2024 18:53:10

Highest Channel / QPSK



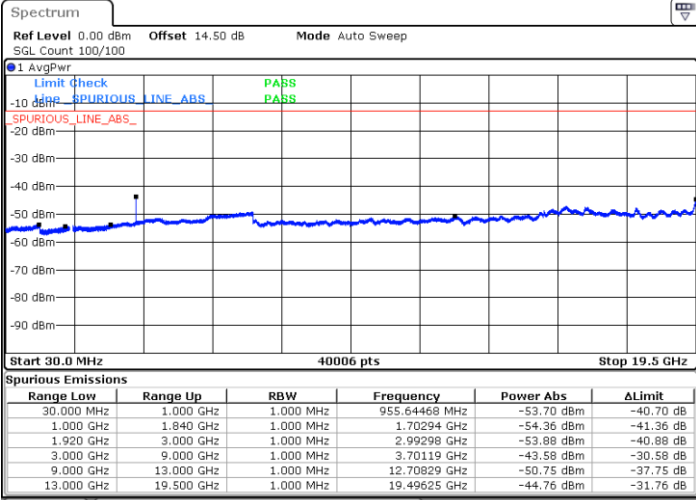
Date: 15.NOV.2024 19:00:00



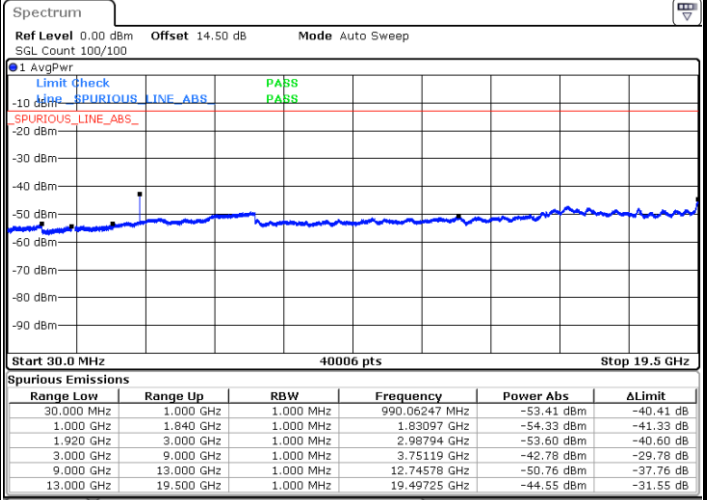
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

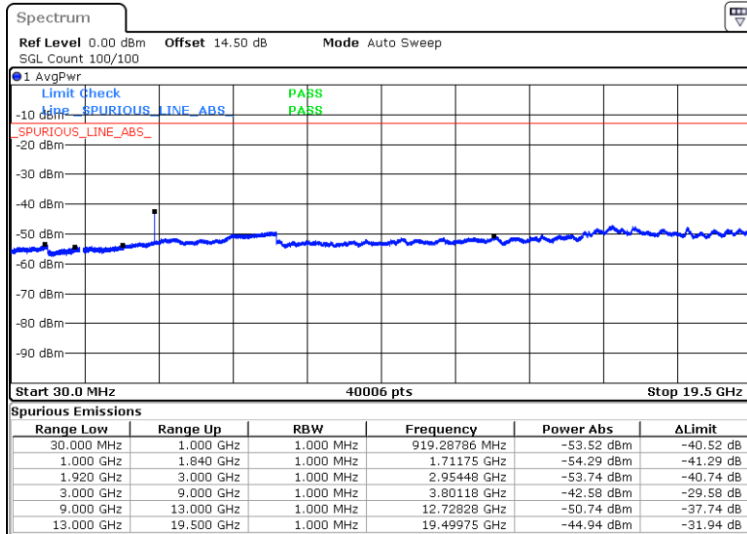


Date: 15.NOV.2024 19:06:14



Date: 15.NOV.2024 19:07:09

Highest Channel / QPSK



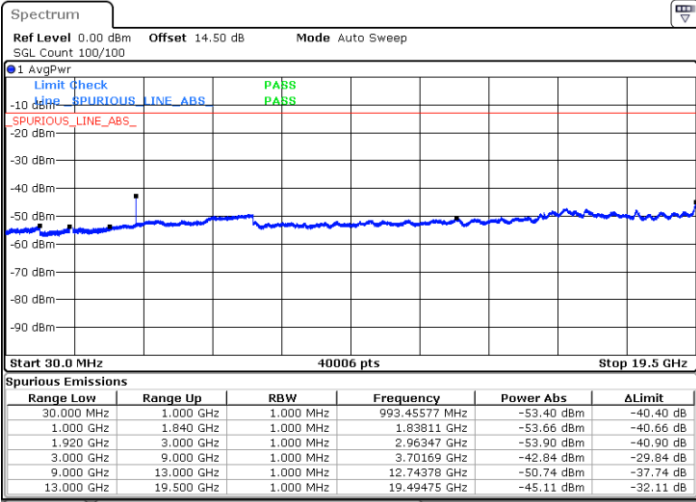
Date: 15.NOV.2024 19:13:59



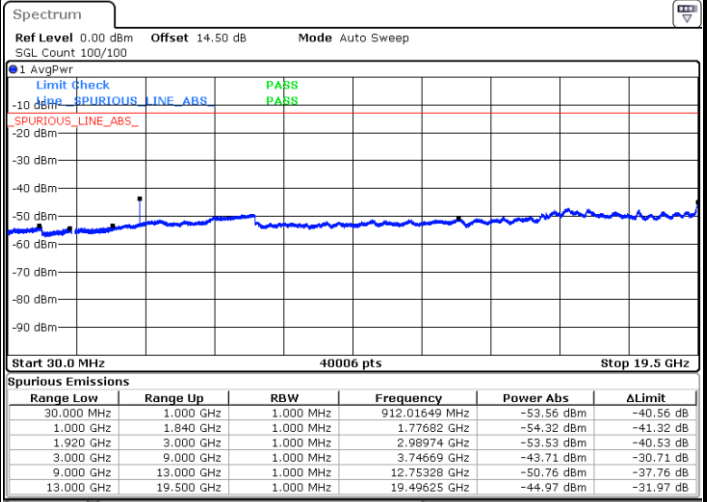
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

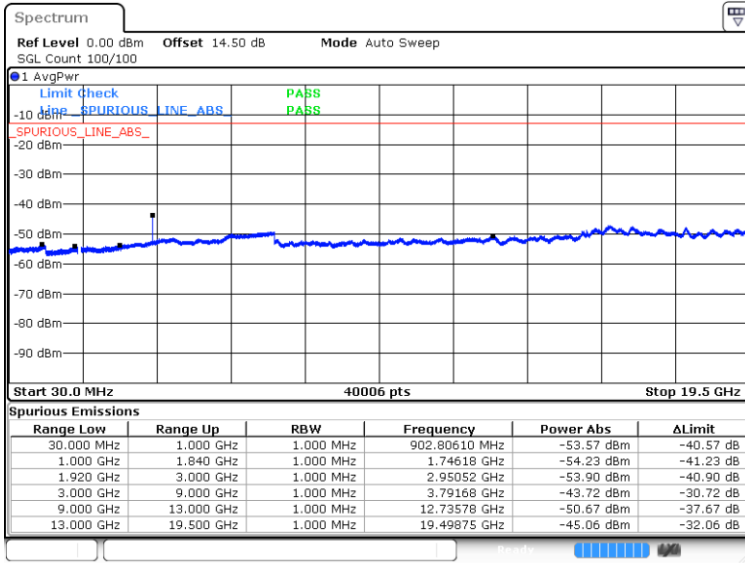


Date: 15.NOV.2024 19:20:13



Date: 15.NOV.2024 19:21:08

Highest Channel / QPSK

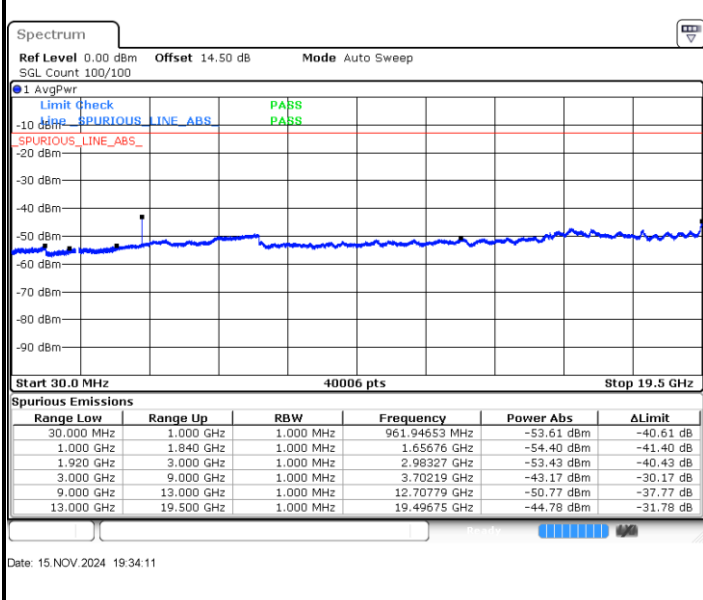


Date: 15.NOV.2024 19:27:57

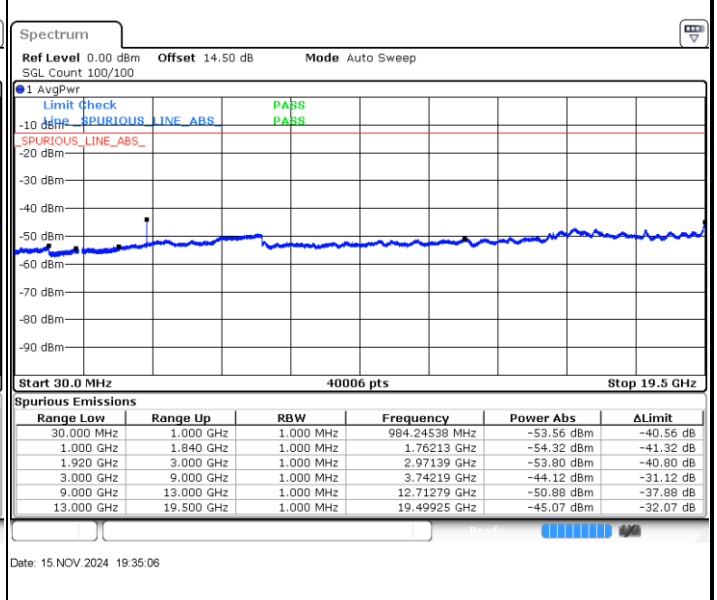


LTE Band 2 / 20MHz

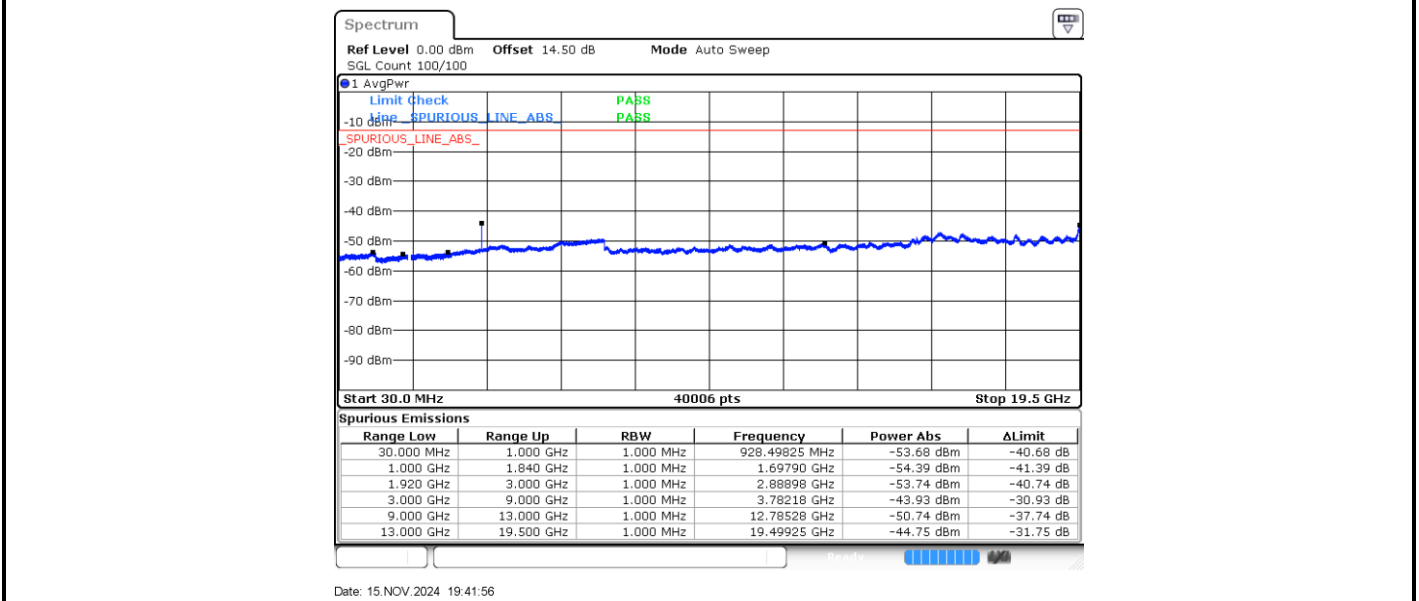
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	-3.2	PASS
40	Normal Voltage	2.1	
30	Normal Voltage	-1.6	
20(Ref.)	Normal Voltage	-2.2	
10	Normal Voltage	4.2	
0	Normal Voltage	3.9	
-10	Normal Voltage	4.9	
-20	Normal Voltage	2.7	
-30	Normal Voltage	3.1	
20	Maximum Voltage	3.6	
20	Normal Voltage	-2.2	
20	Battery End Point	-1.7	

Note:

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.4 V.; Maximum Voltage = 4.5 V.
2. The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group.

$|\text{MAX}(\Delta f)| = 4.9\text{Hz}$

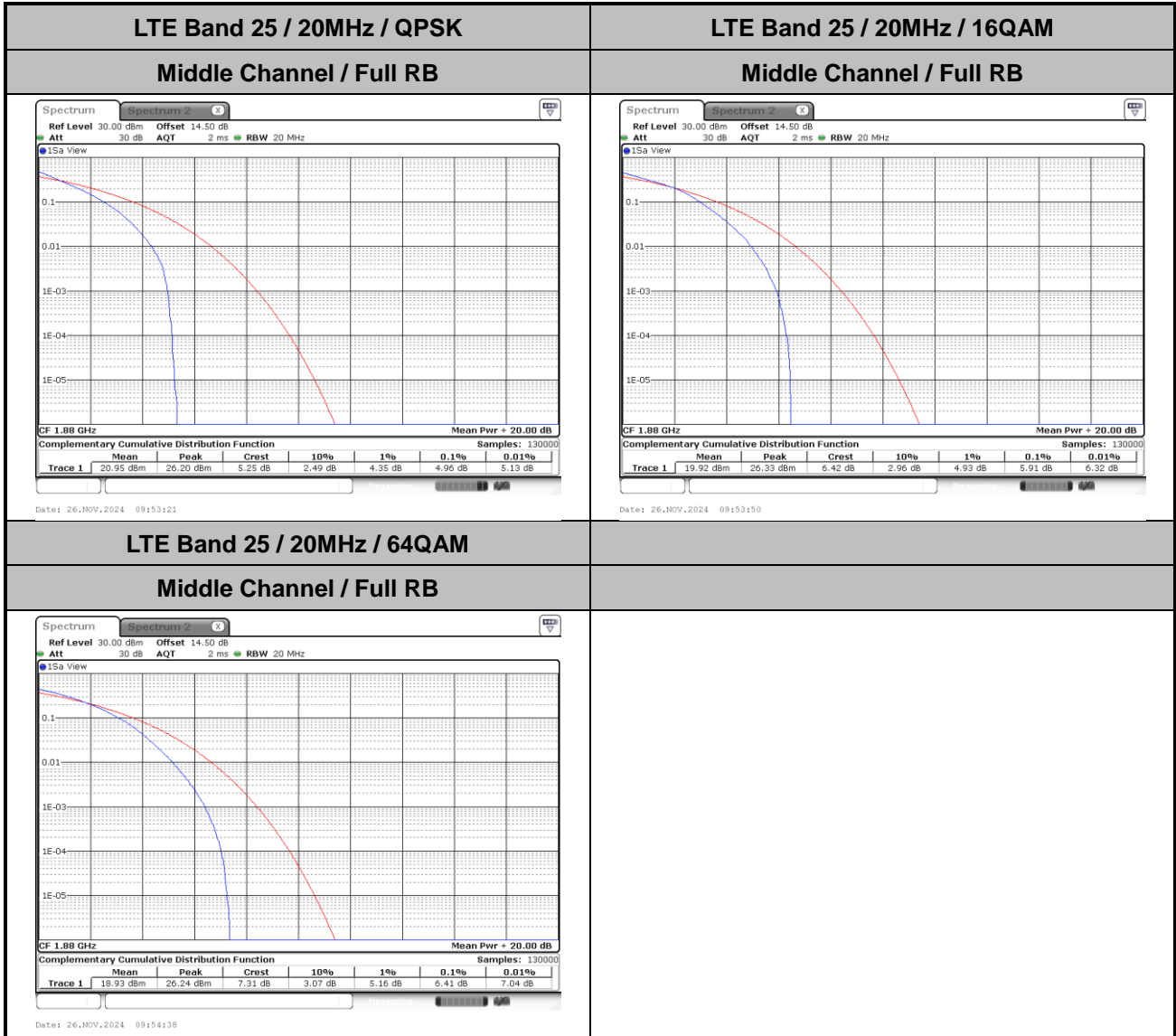
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1850.157335	$\geq 1850 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1909.845455	$\leq 1910\text{MHz}$	



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	4.96	5.91	6.41	PASS





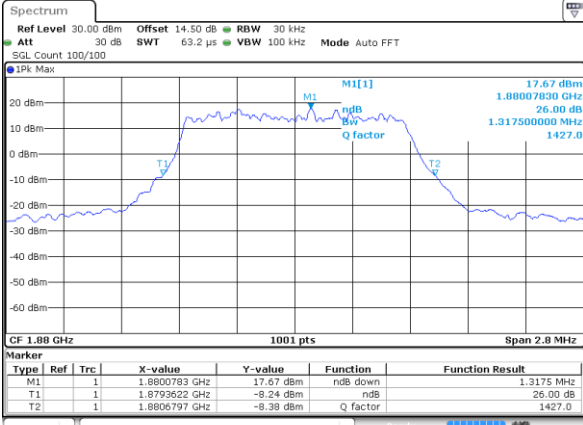
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.34	3.09	3.08	5.03	5.05	9.97	9.95	14.48	14.48	19.38	19.30



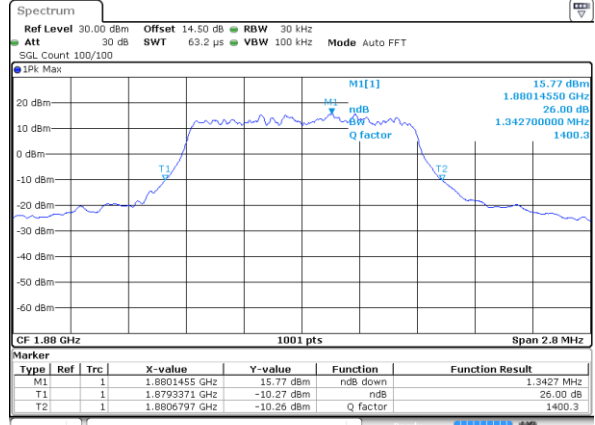
LTE Band 25

Middle Channel / 1.4MHz / QPSK



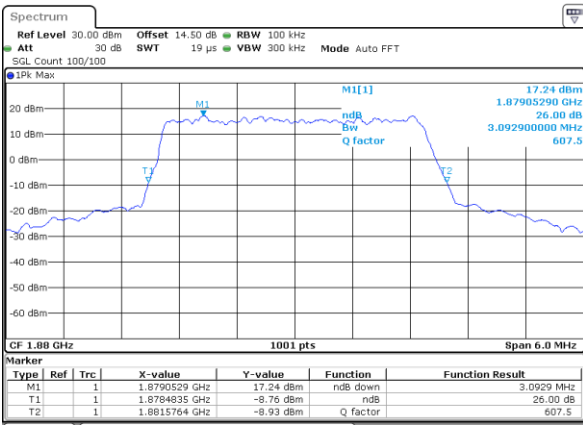
Date: 11 NOV 2024 11:08:01

Middle Channel / 1.4MHz / 16QAM



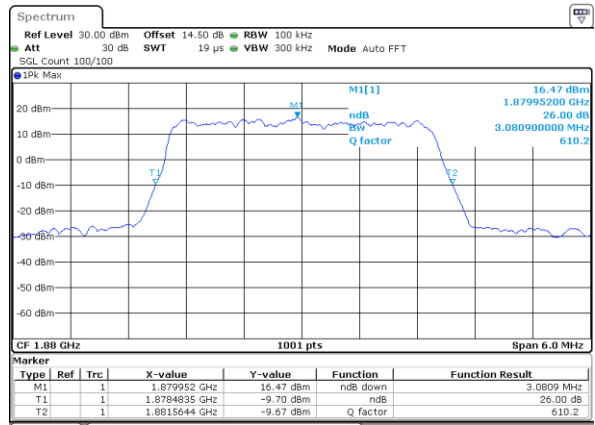
Date: 11 NOV 2024 11:08:41

Middle Channel / 3MHz / QPSK



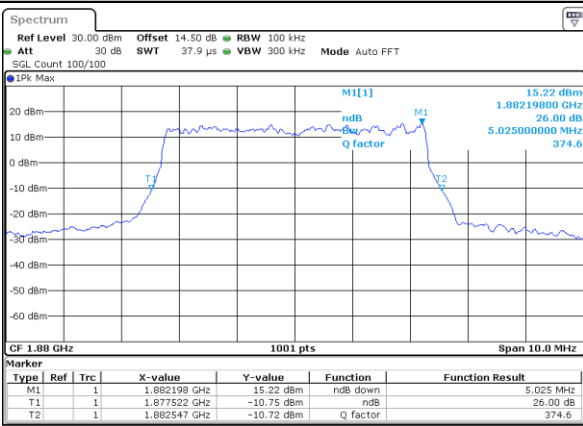
Date: 11 NOV 2024 11:23:28

Middle Channel / 3MHz / 16QAM



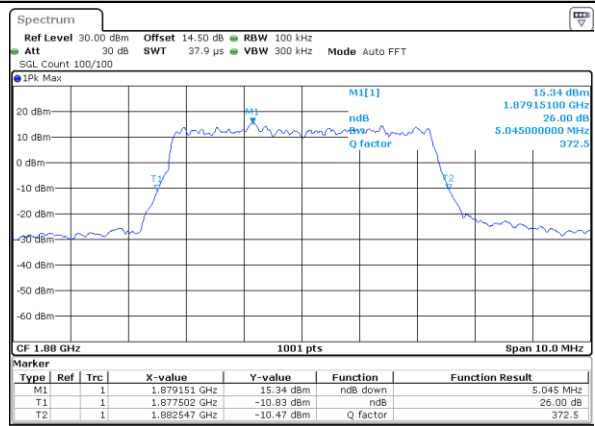
Date: 11 NOV 2024 11:24:08

Middle Channel / 5MHz / QPSK



Date: 11 NOV 2024 11:38:13

Middle Channel / 5MHz / 16QAM

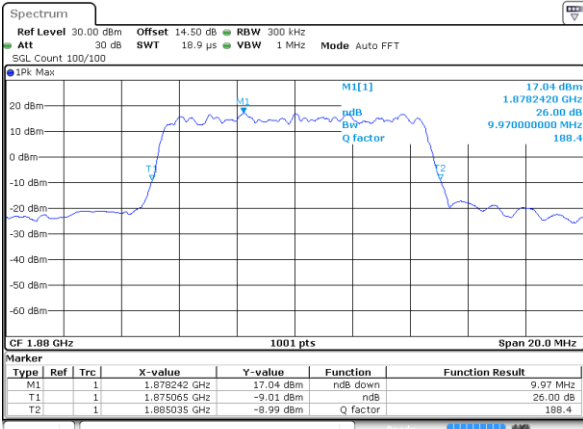


Date: 11 NOV 2024 11:38:53



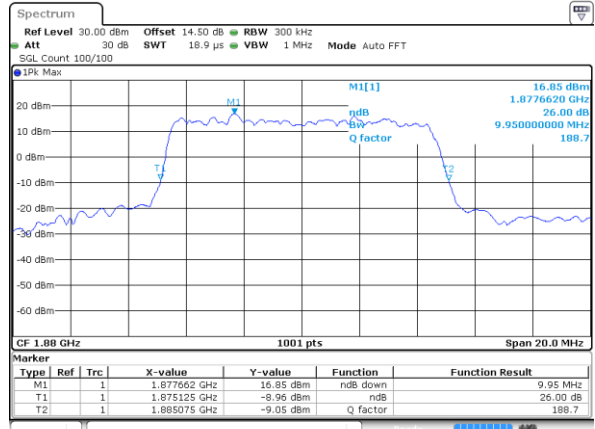
LTE Band 25

Middle Channel / 10MHz / QPSK



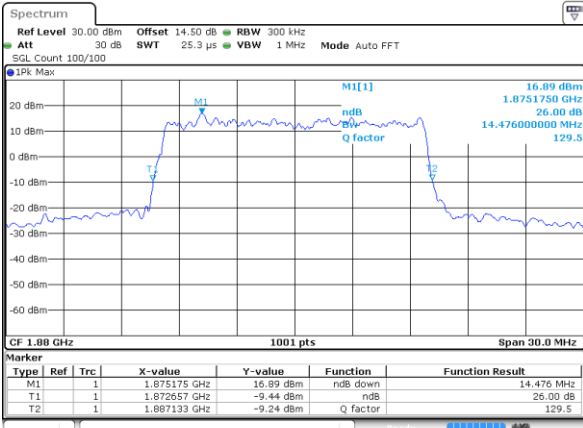
Date: 11 NOV 2024 11:52:57

Middle Channel / 10MHz / 16QAM



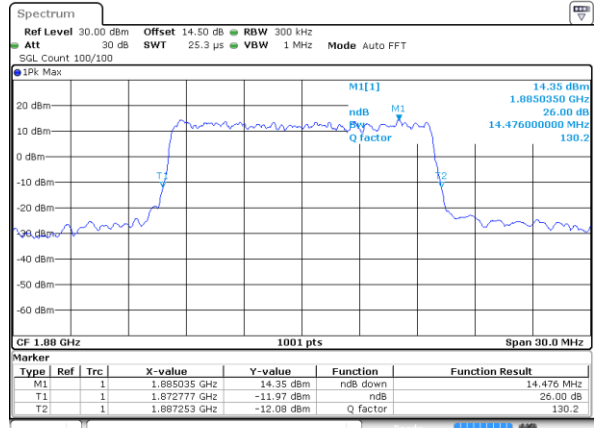
Date: 11 NOV 2024 11:53:37

Middle Channel / 15MHz / QPSK



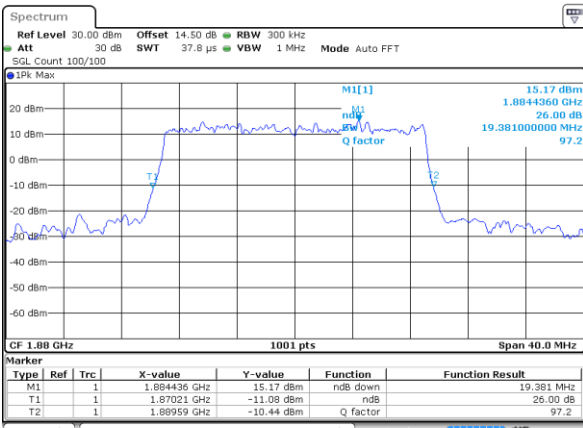
Date: 11 NOV 2024 12:07:42

Middle Channel / 15MHz / 16QAM



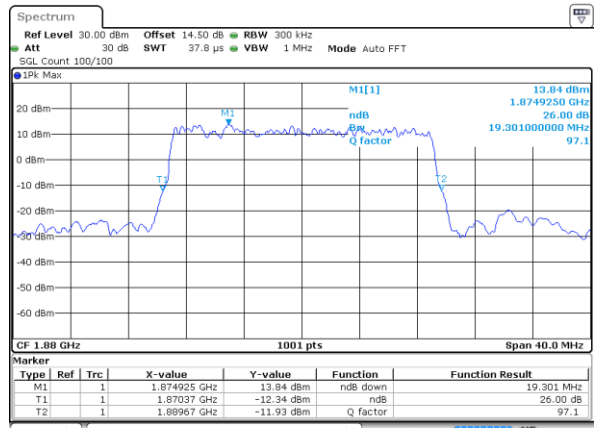
Date: 11 NOV 2024 12:08:22

Middle Channel / 20MHz / QPSK



Date: 11 NOV 2024 12:22:28

Middle Channel / 20MHz / 16QAM



Date: 11 NOV 2024 12:23:06



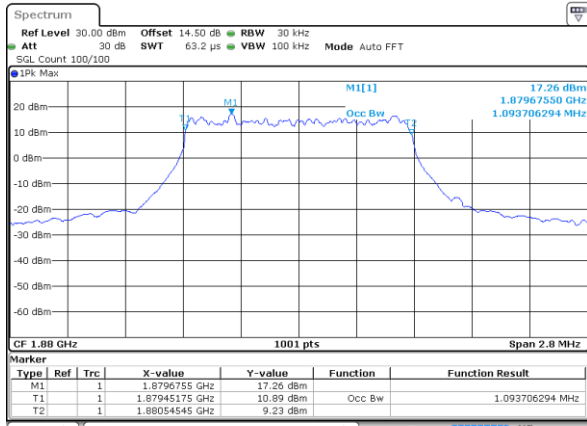
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.12	2.72	2.72	4.50	4.51	9.11	9.11	13.52	13.46	17.86	17.94



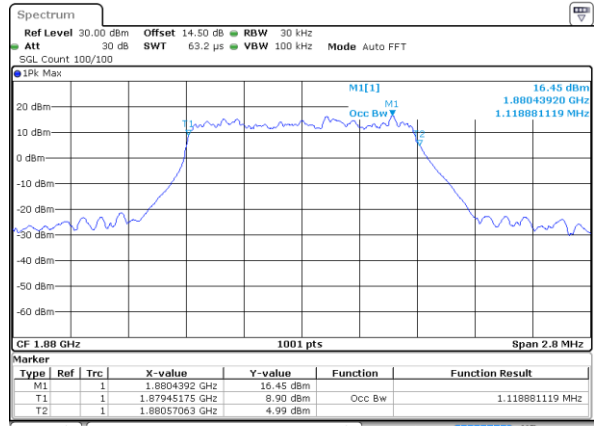
LTE Band 25

Middle Channel / 1.4MHz / QPSK



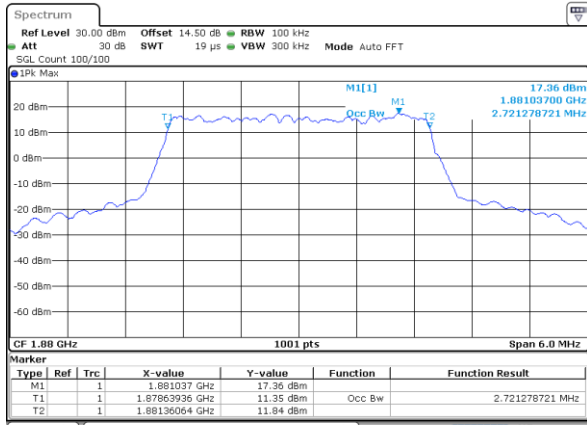
Date: 11.NOV.2024 11:07:46

Middle Channel / 1.4MHz / 16QAM



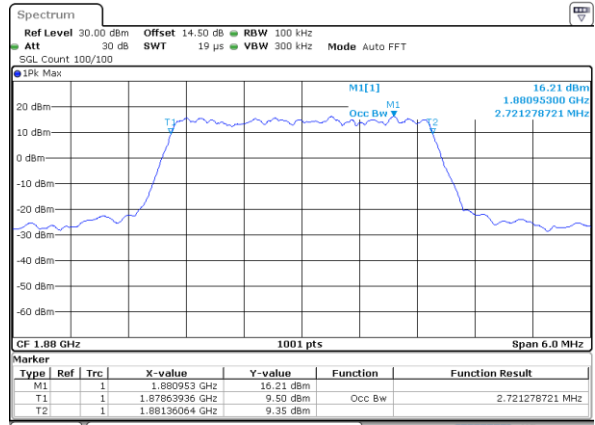
Date: 11.NOV.2024 11:08:27

Middle Channel / 3MHz / QPSK



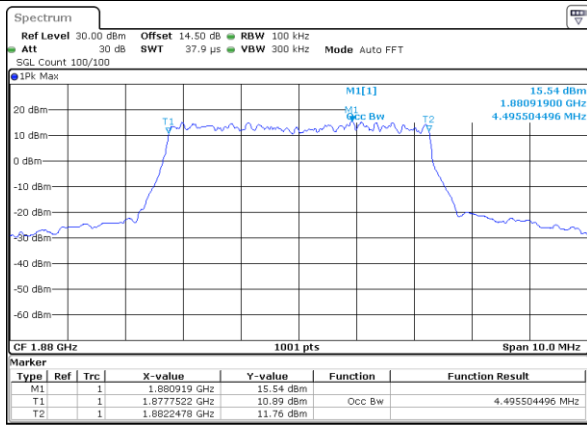
Date: 11.NOV.2024 11:23:14

Middle Channel / 3MHz / 16QAM



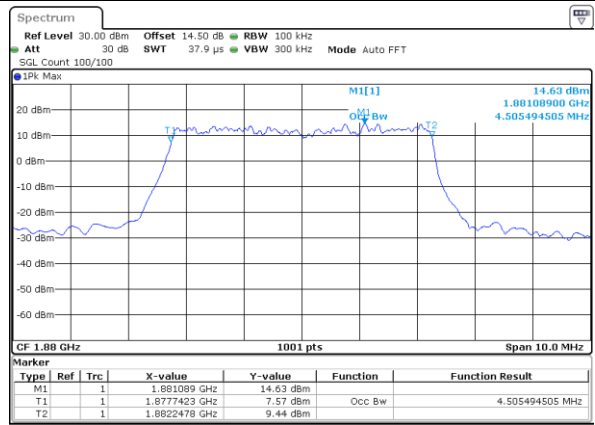
Date: 11.NOV.2024 11:23:54

Middle Channel / 5MHz / QPSK



Date: 11.NOV.2024 11:37:59

Middle Channel / 5MHz / 16QAM

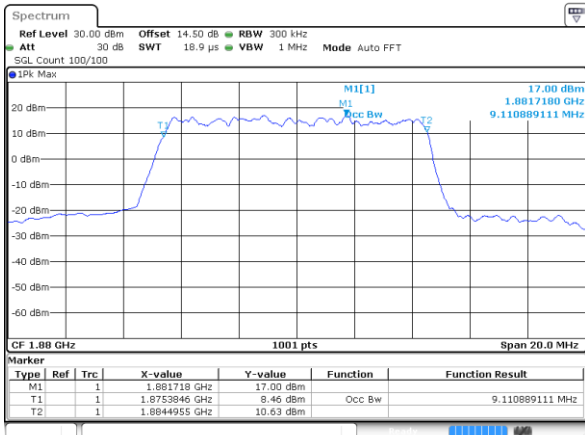


Date: 11.NOV.2024 11:38:39



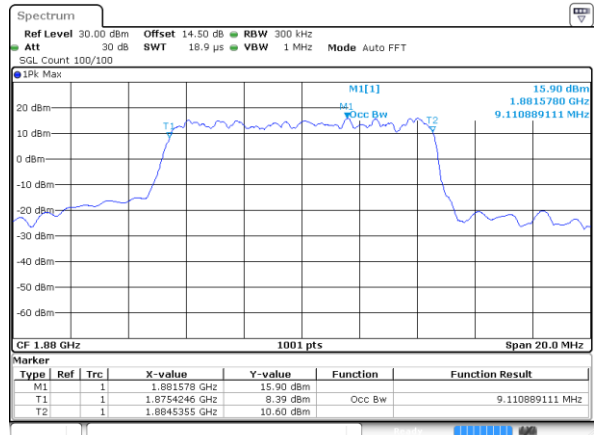
LTE Band 25

Middle Channel / 10MHz / QPSK



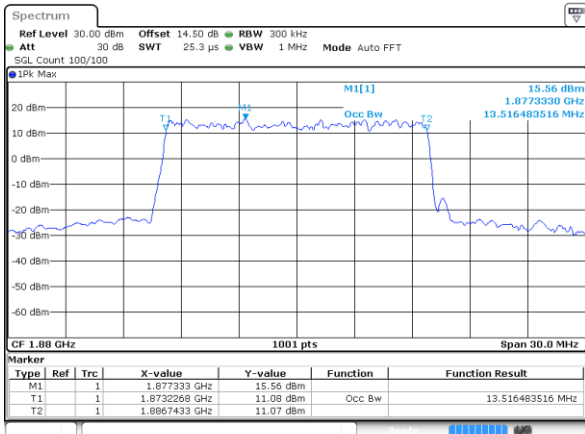
Date: 11 NOV 2024 11:52:43

Middle Channel / 10MHz / 16QAM



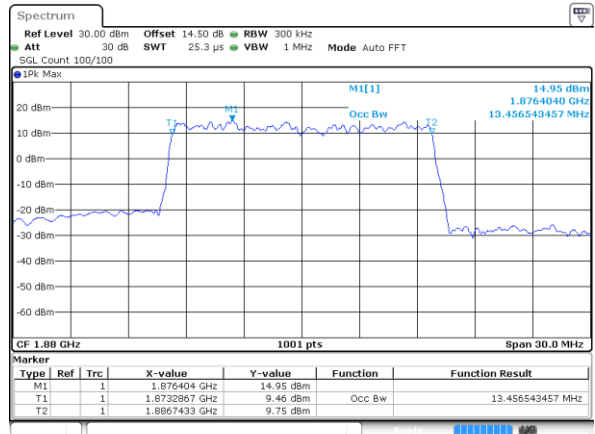
Date: 11 NOV 2024 11:53:23

Middle Channel / 15MHz / QPSK



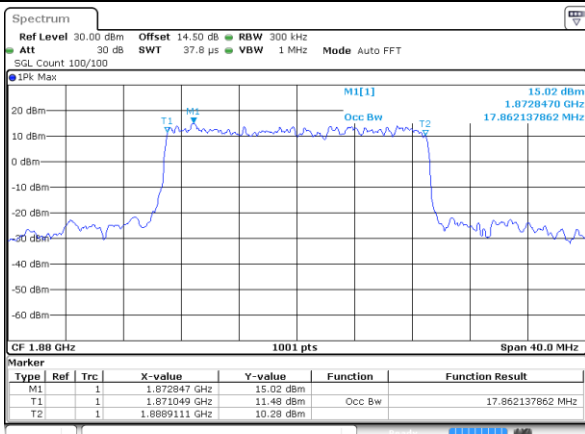
Date: 11 NOV 2024 12:07:27

Middle Channel / 15MHz / 16QAM



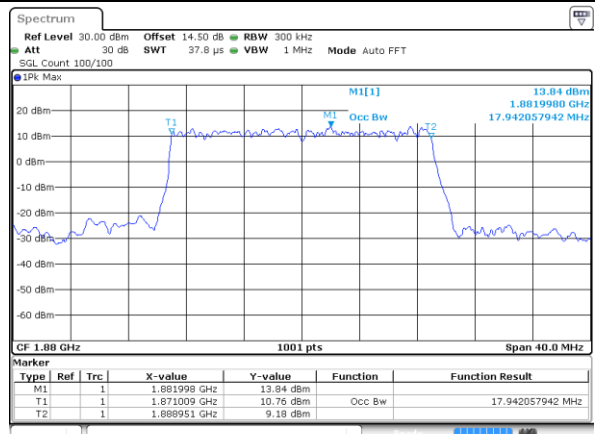
Date: 11 NOV 2024 12:08:08

Middle Channel / 20MHz / QPSK



Date: 11 NOV 2024 12:22:12

Middle Channel / 20MHz / 16QAM



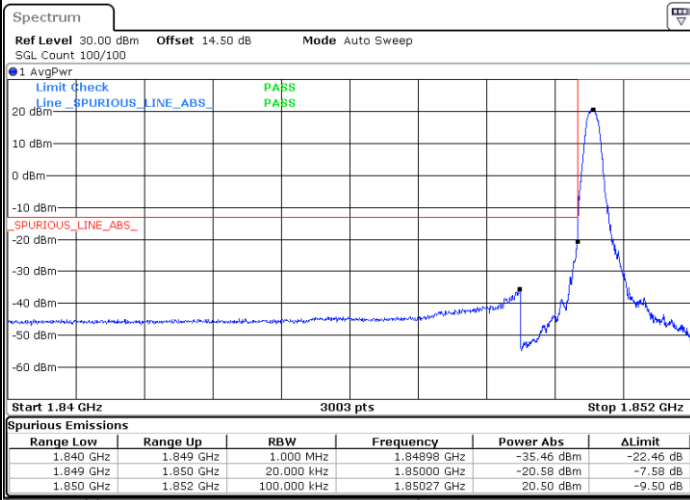
Date: 11 NOV 2024 12:22:52



Conducted Band Edge

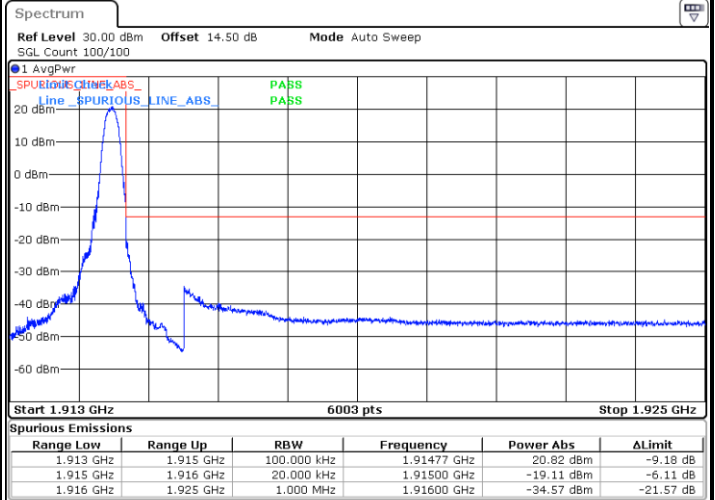
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



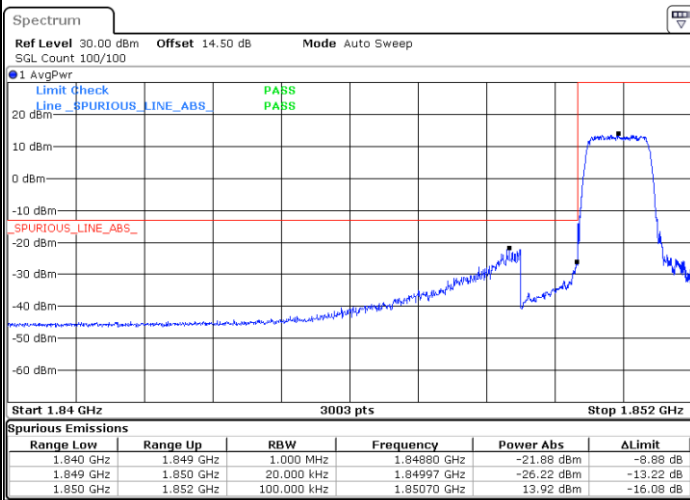
Date: 11.NOV.2024 11:01:10

Highest Band Edge / 1RB



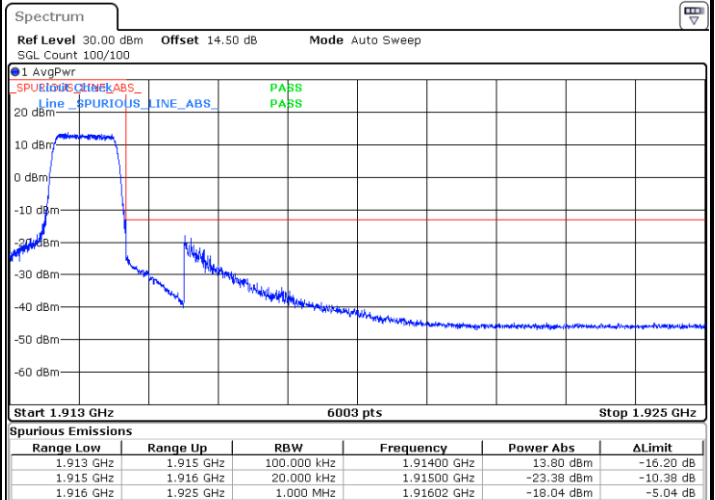
Date: 11.NOV.2024 11:09:26

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:04:59

Highest Band Edge / Full RB

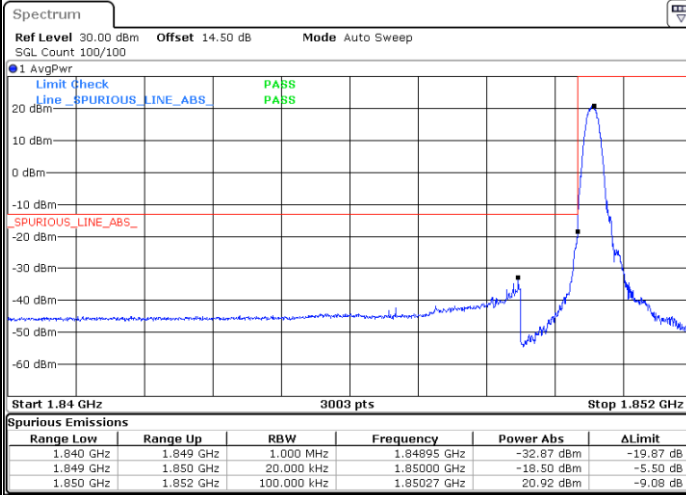


Date: 11.NOV.2024 11:13:15



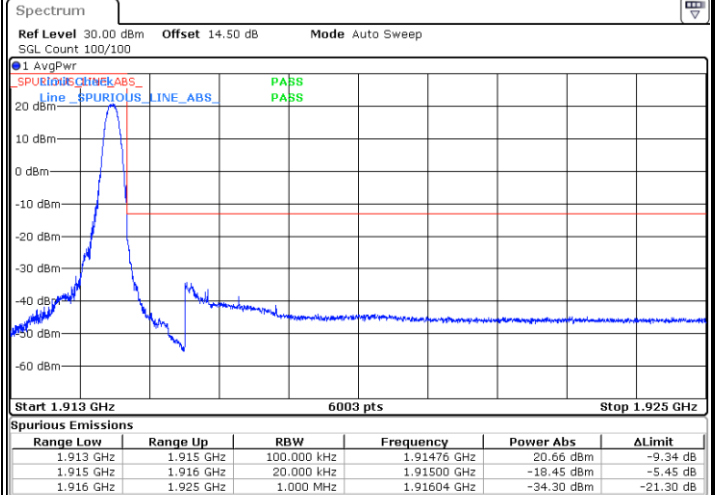
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



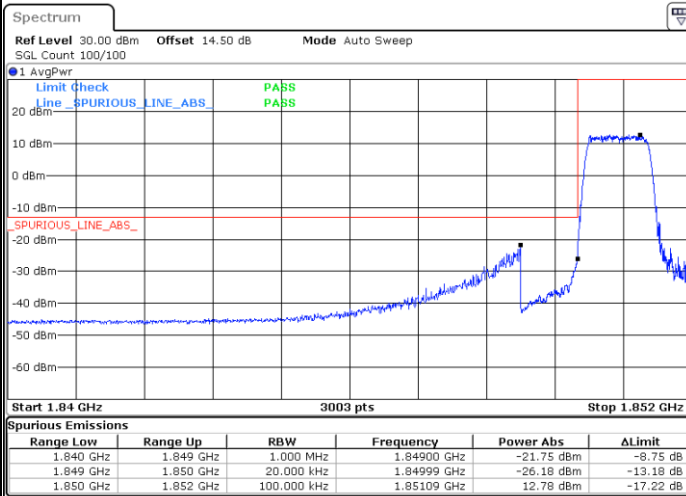
Date: 11.NOV.2024 11:01:56

Highest Band Edge / 1 RB



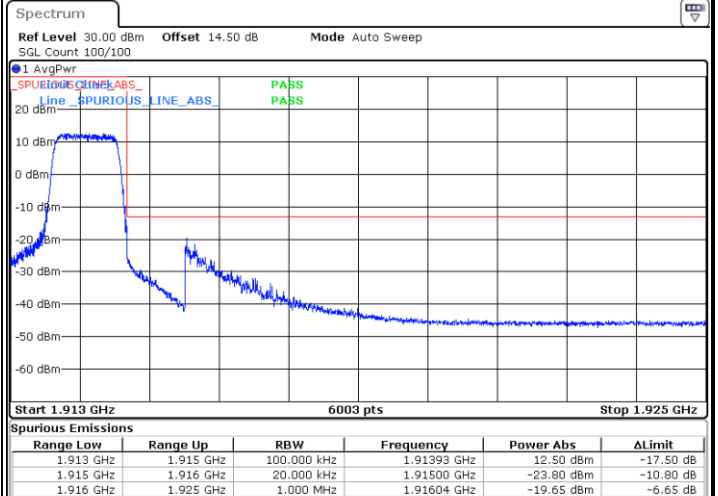
Date: 11.NOV.2024 11:10:12

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:04:13

Highest Band Edge / Full RB

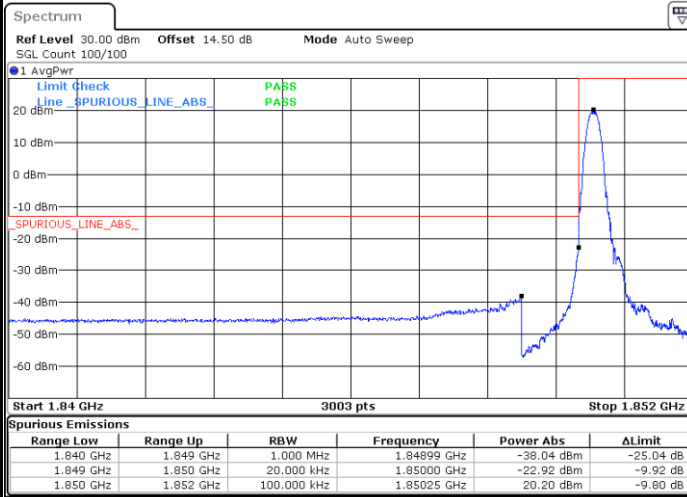


Date: 11.NOV.2024 11:12:29



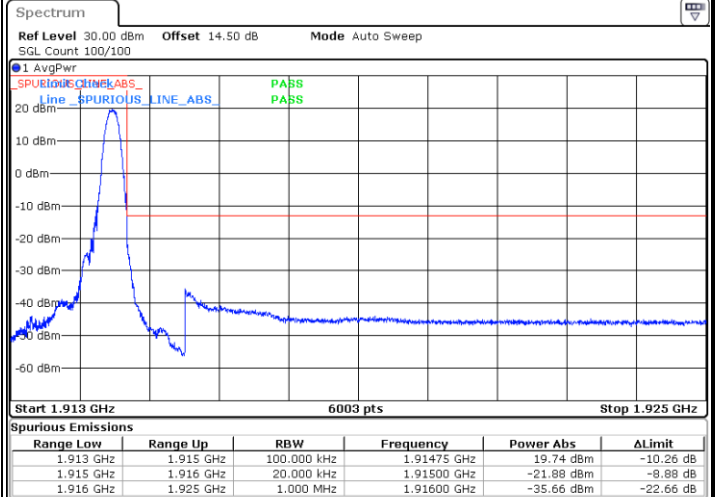
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



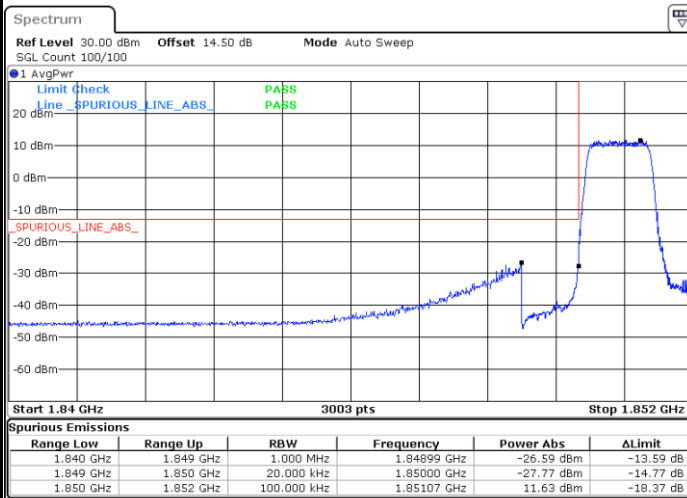
Date: 11.NOV.2024 11:02:41

Highest Band Edge / 1 RB



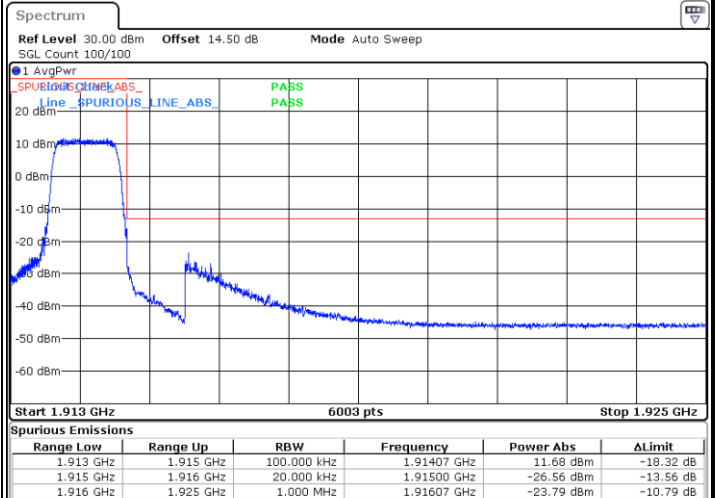
Date: 11.NOV.2024 11:10:57

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:03:27

Highest Band Edge / Full RB

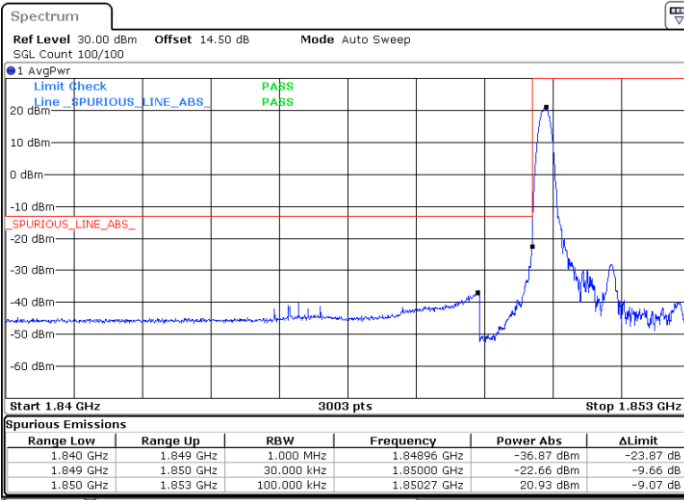


Date: 11.NOV.2024 11:11:43



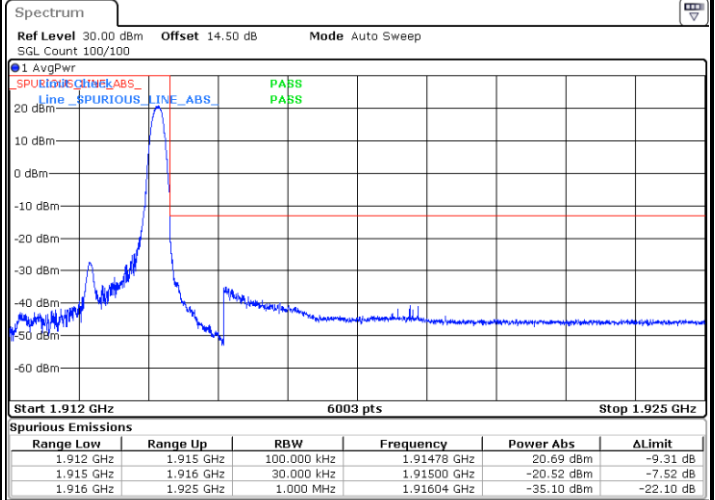
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



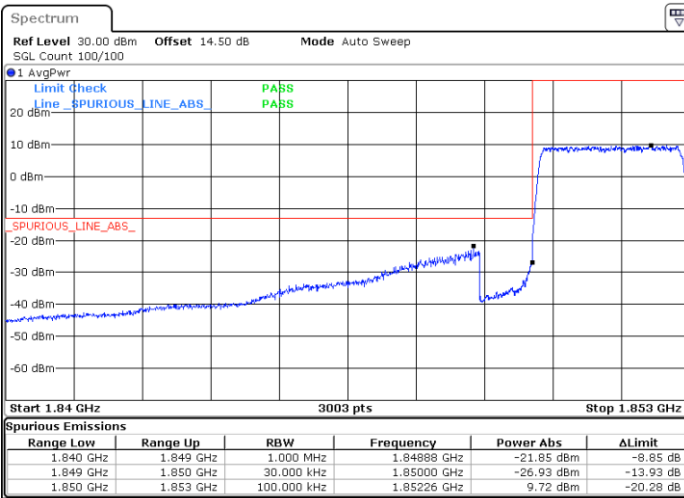
Date: 11.NOV.2024 11:15:54

Highest Band Edge / 1RB



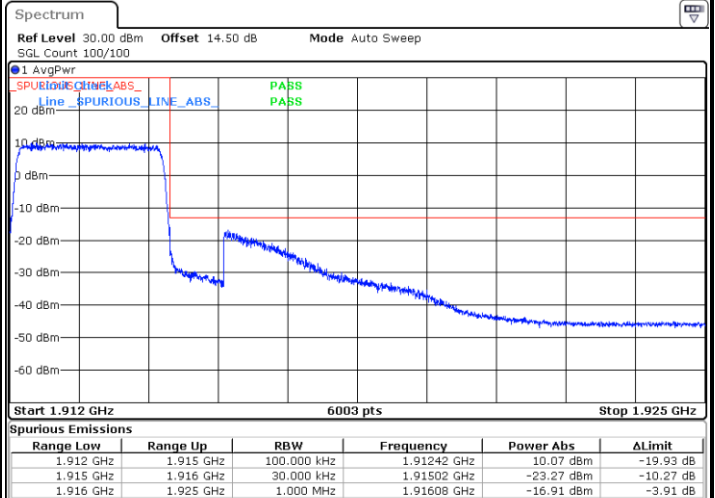
Date: 11.NOV.2024 11:24:54

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:19:44

Highest Band Edge / Full RB

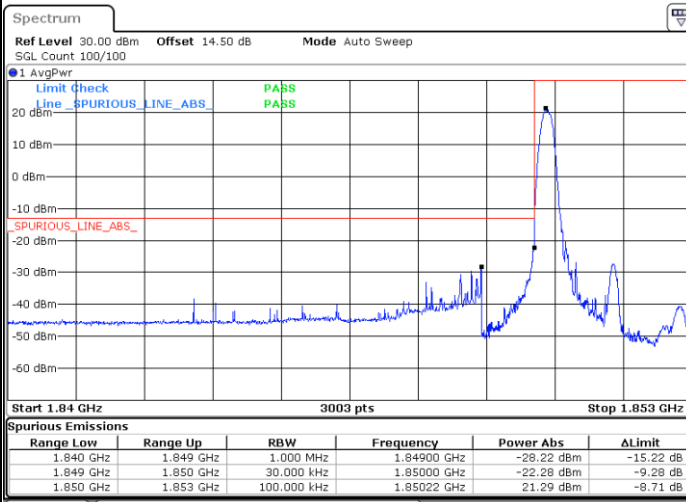


Date: 11.NOV.2024 11:28:43



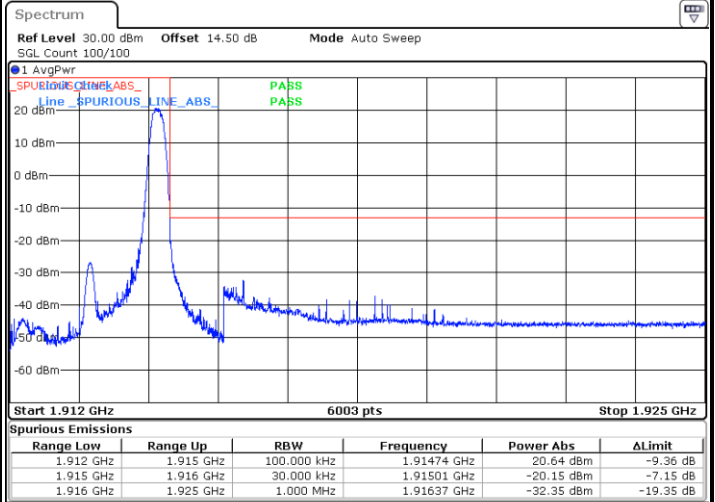
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



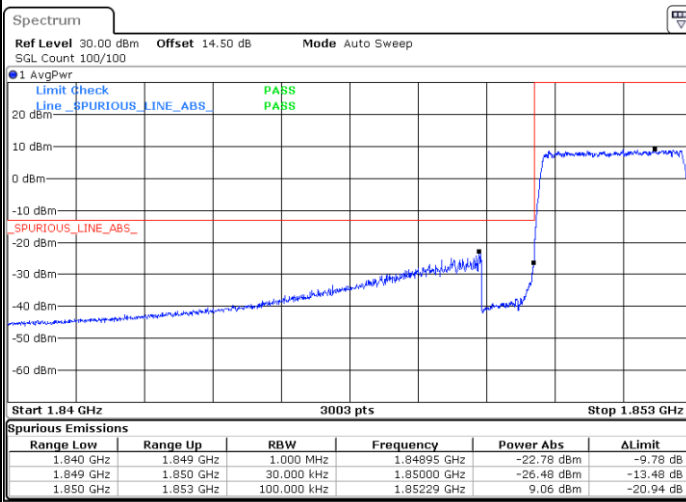
Date: 11.NOV.2024 11:16:40

Highest Band Edge / 1 RB



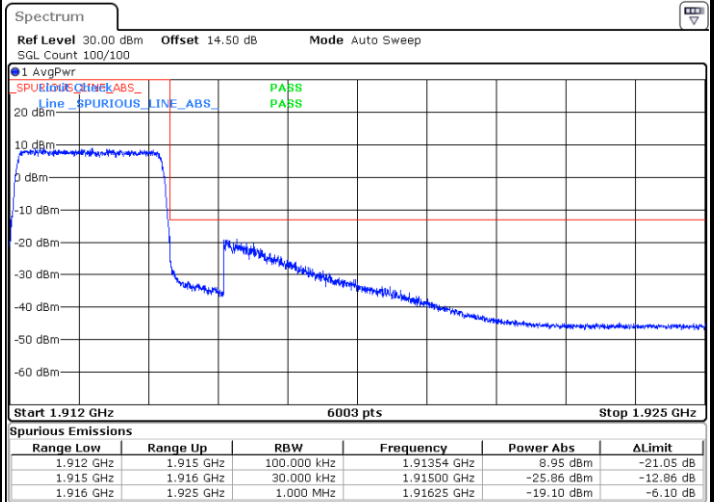
Date: 11.NOV.2024 11:25:39

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:18:58

Highest Band Edge / Full RB

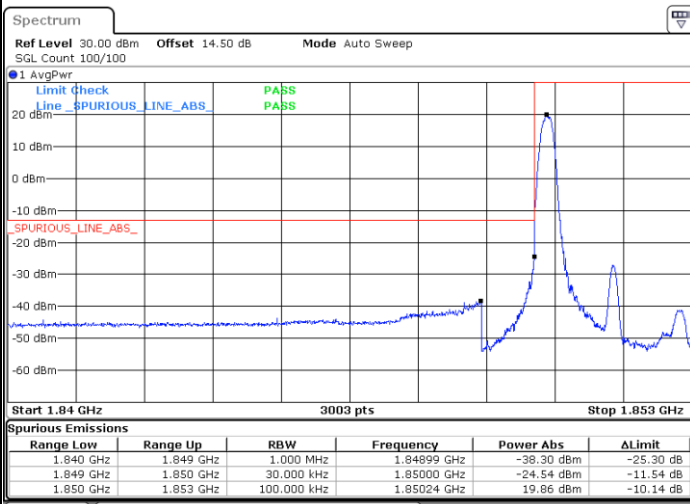


Date: 11.NOV.2024 11:27:57



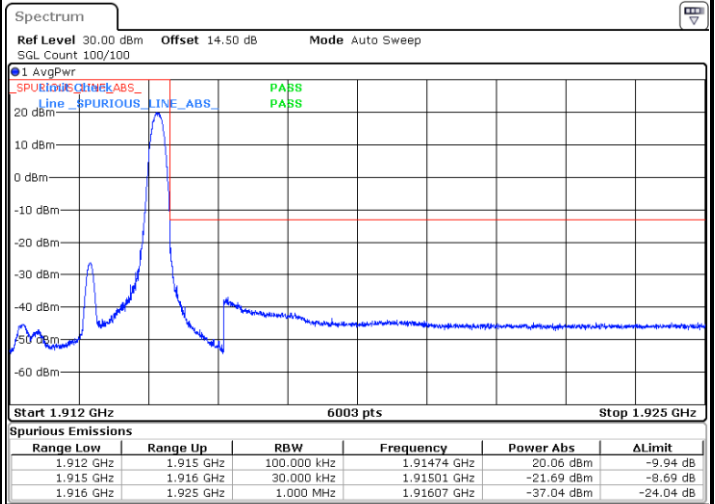
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



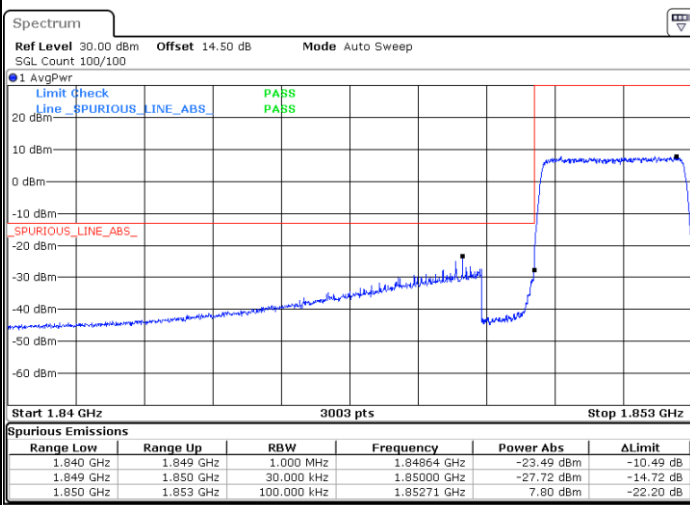
Date: 11.NOV.2024 11:17:26

Highest Band Edge / 1 RB



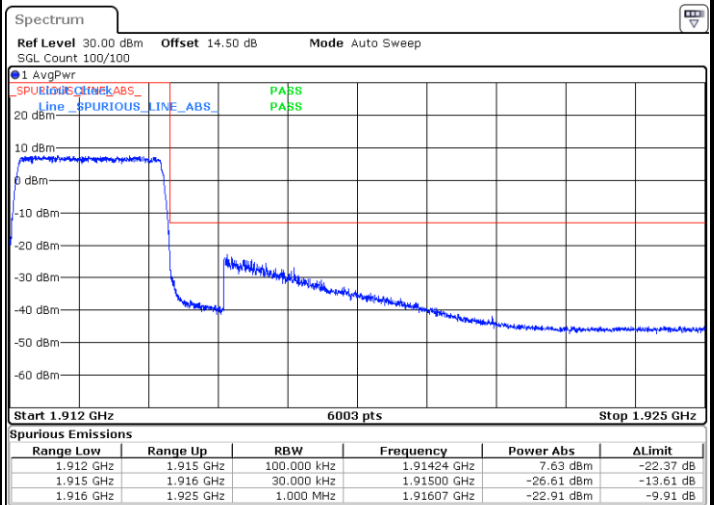
Date: 11.NOV.2024 11:26:25

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:18:12

Highest Band Edge / Full RB

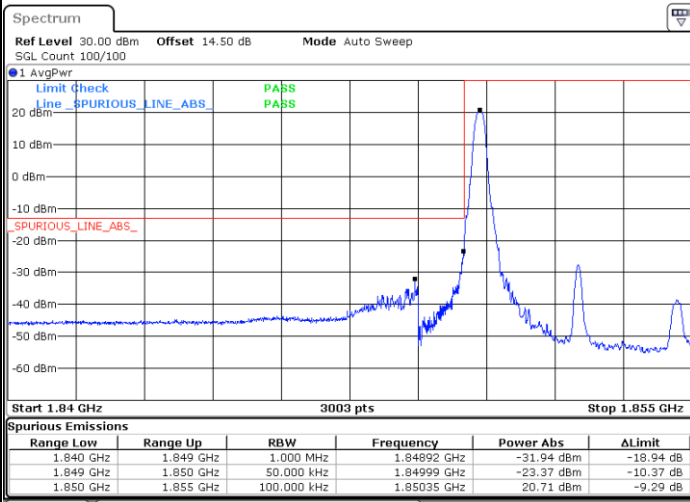


Date: 11.NOV.2024 11:27:11



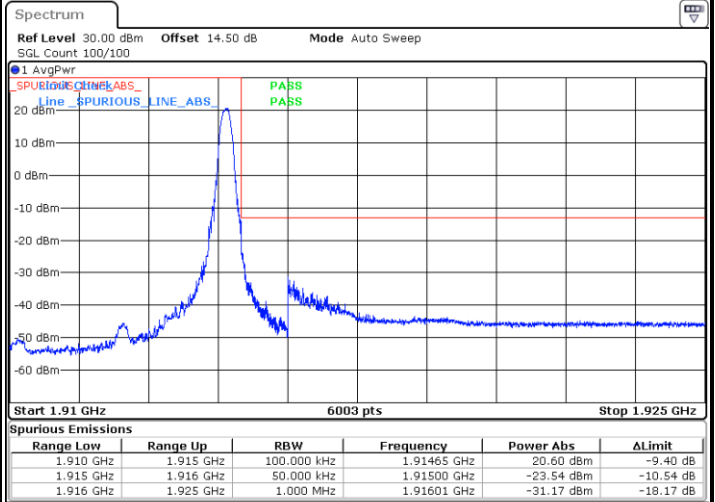
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1RB



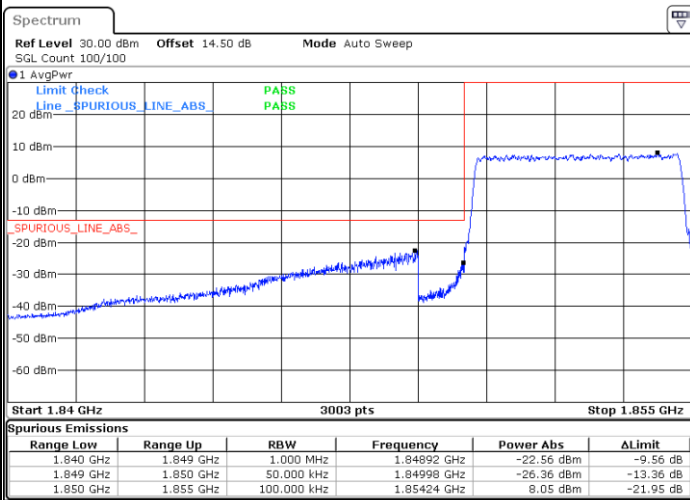
Date: 11.NOV.2024 11:31:22

Highest Band Edge / 1RB



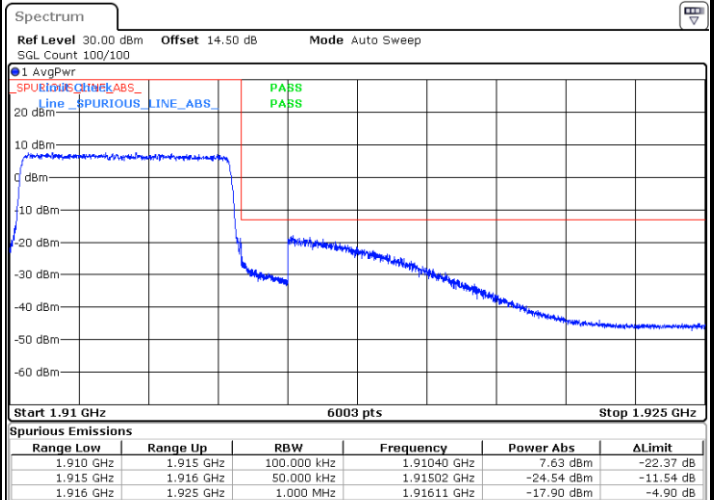
Date: 11.NOV.2024 11:39:38

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:35:12

Highest Band Edge / Full RB

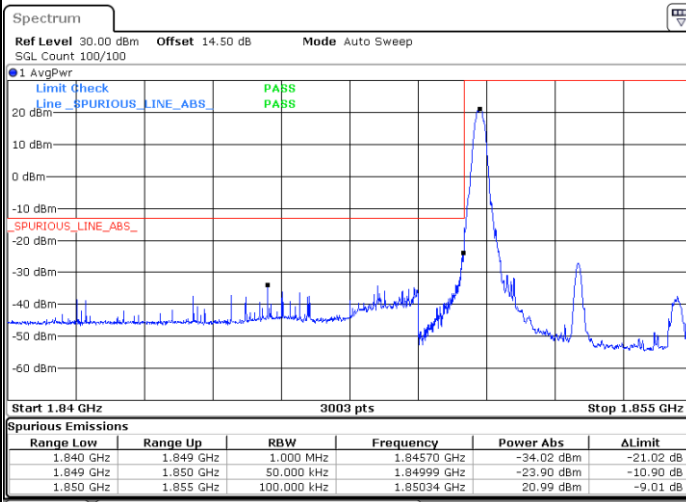


Date: 11.NOV.2024 11:43:28



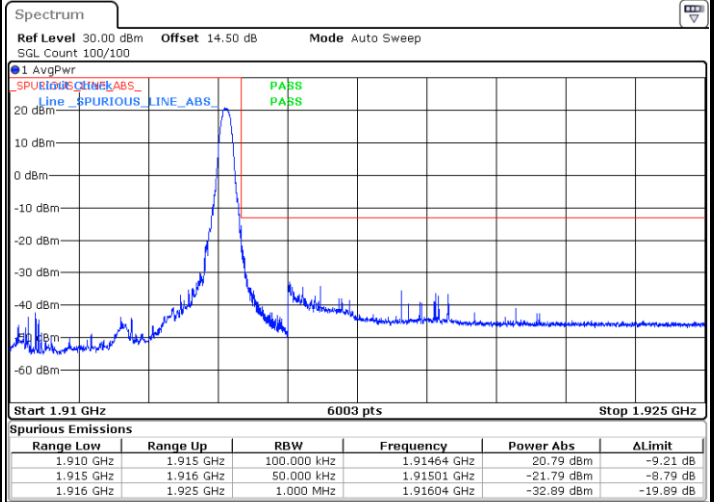
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



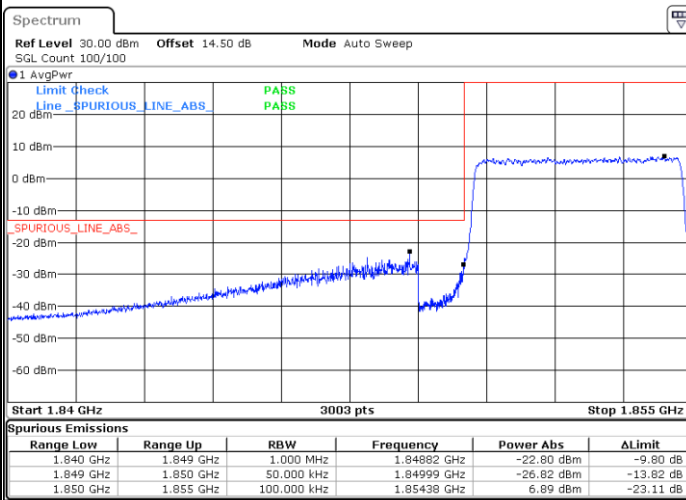
Date: 11.NOV.2024 11:32:08

Highest Band Edge / 1 RB



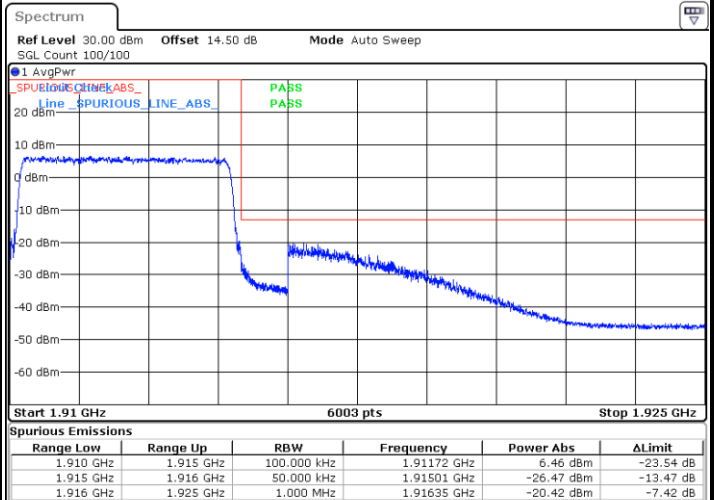
Date: 11.NOV.2024 11:40:24

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:34:26

Highest Band Edge / Full RB

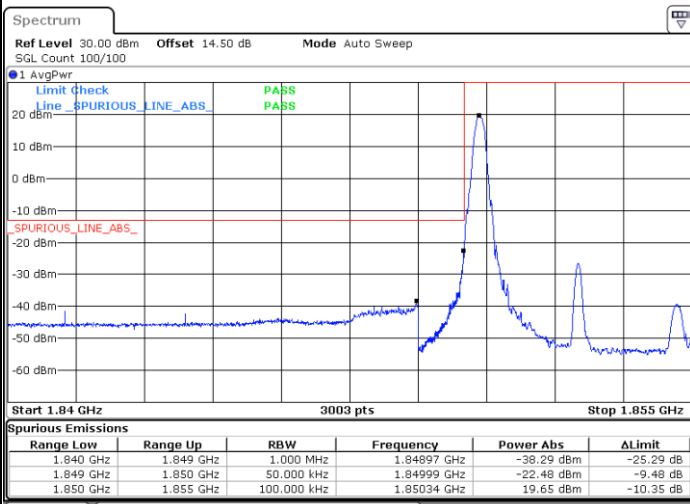


Date: 11.NOV.2024 11:42:42



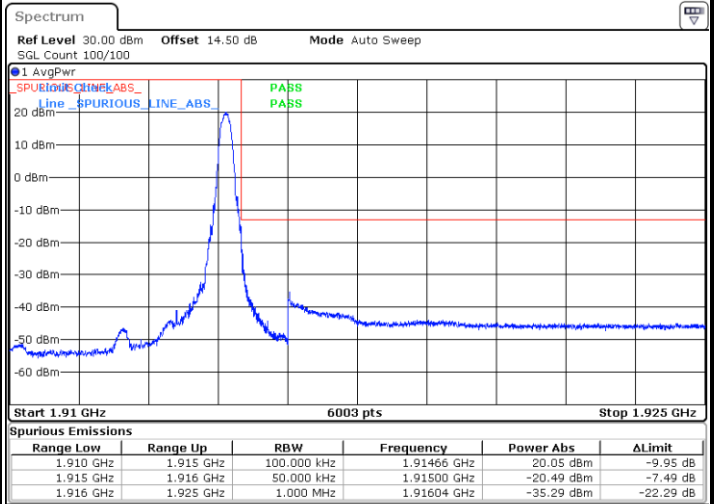
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



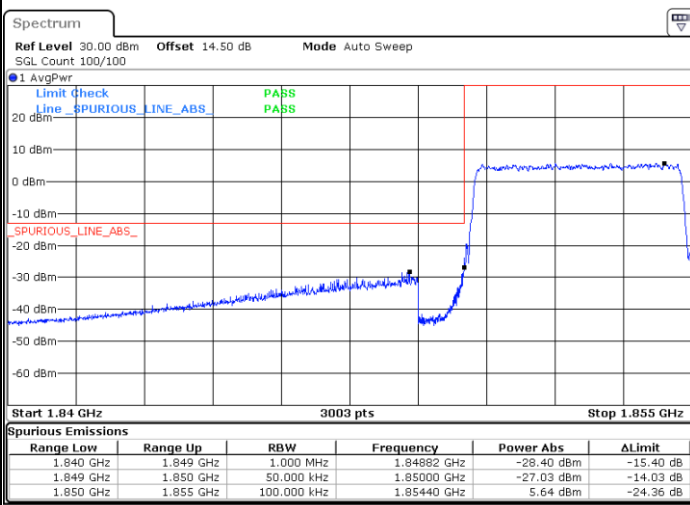
Date: 11.NOV.2024 11:32:54

Highest Band Edge / 1 RB



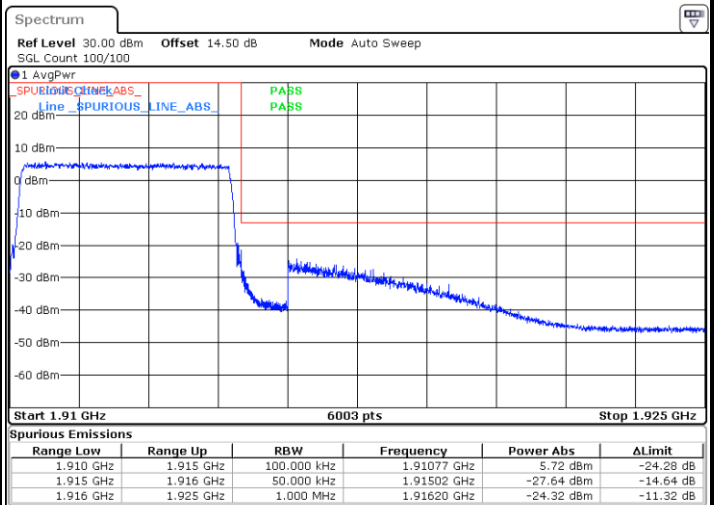
Date: 11.NOV.2024 11:41:10

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:33:40

Highest Band Edge / Full RB

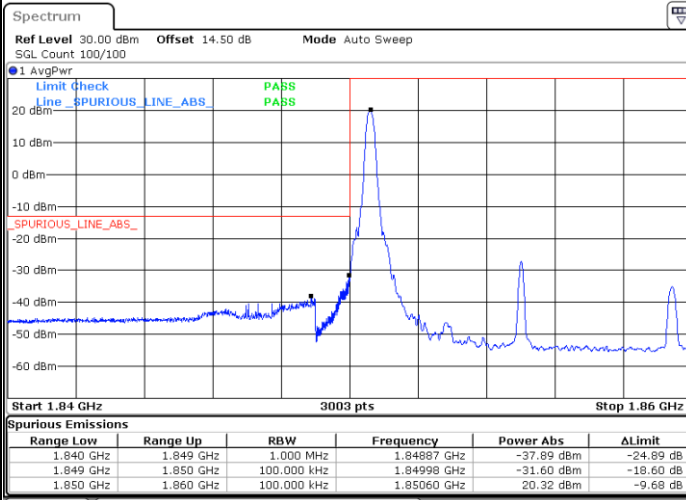


Date: 11.NOV.2024 11:41:56



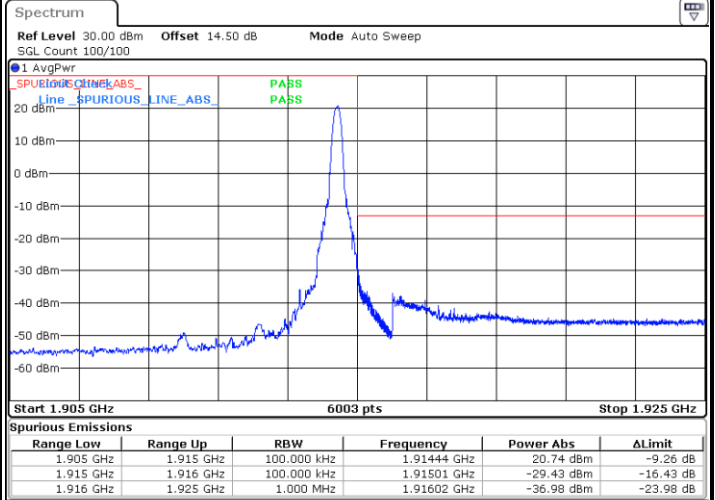
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1RB



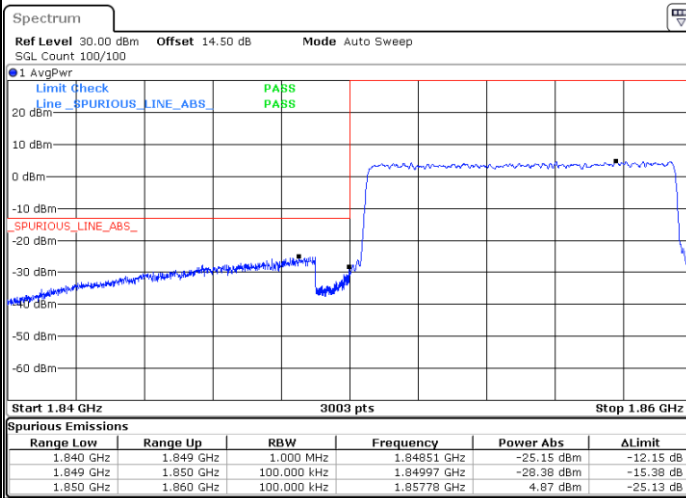
Date: 11.NOV.2024 11:46:06

Highest Band Edge / 1RB



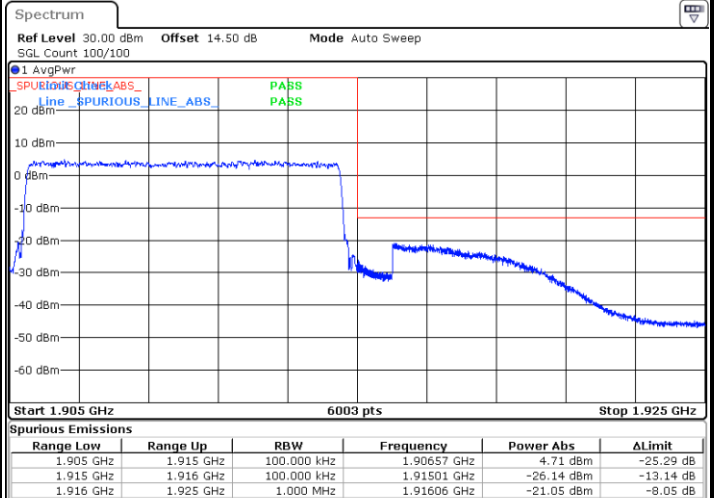
Date: 11.NOV.2024 11:54:22

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:49:56

Highest Band Edge / Full RB

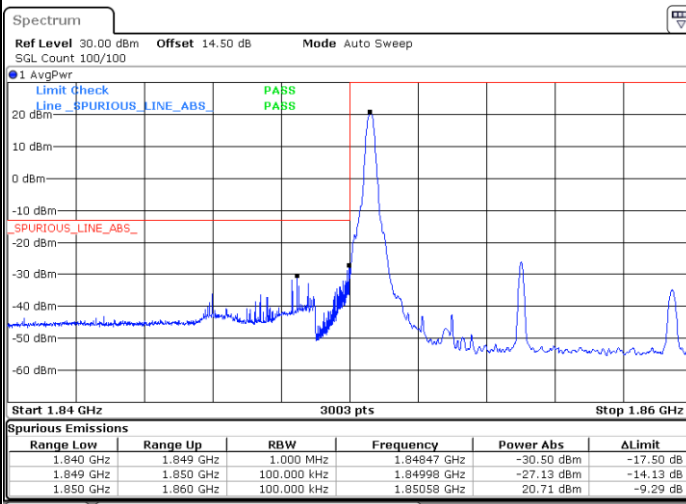


Date: 11.NOV.2024 11:58:12



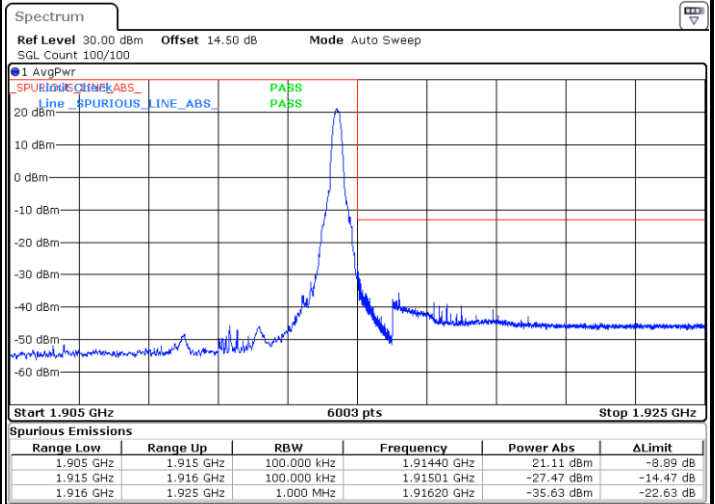
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



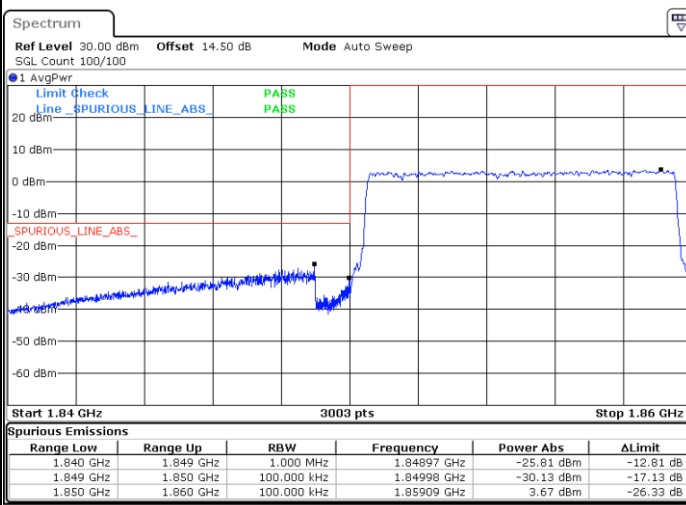
Date: 11.NOV.2024 11:46:52

Highest Band Edge / 1 RB



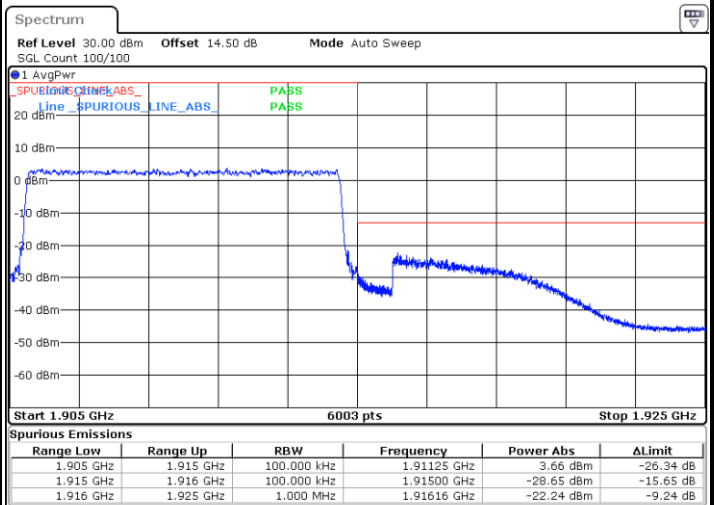
Date: 11.NOV.2024 11:55:08

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:48:10

Highest Band Edge / Full RB

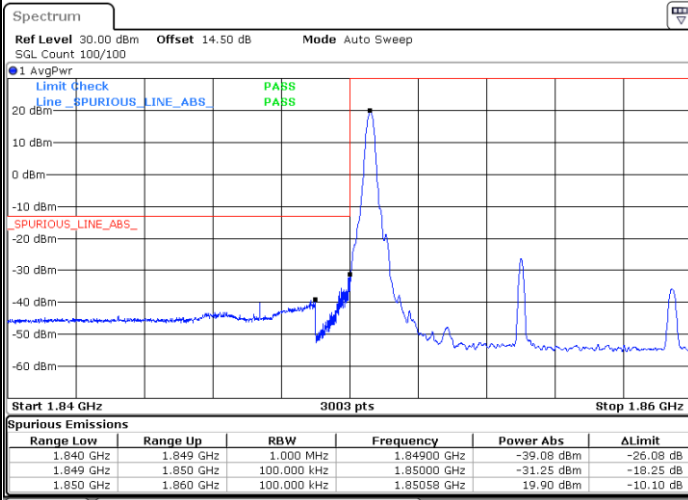


Date: 11.NOV.2024 11:57:26



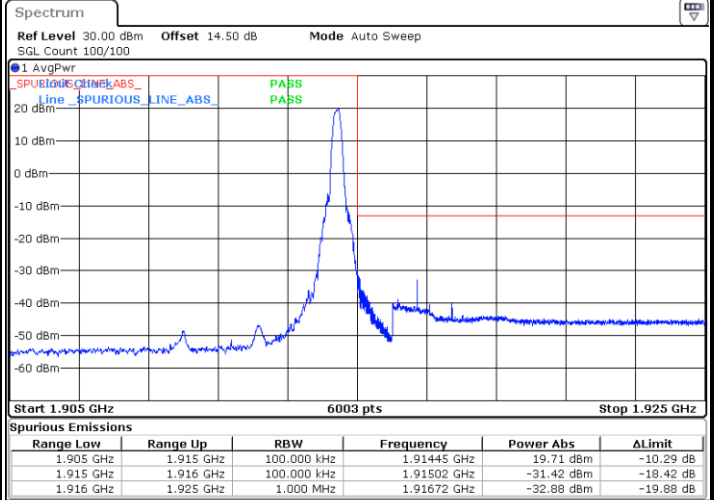
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



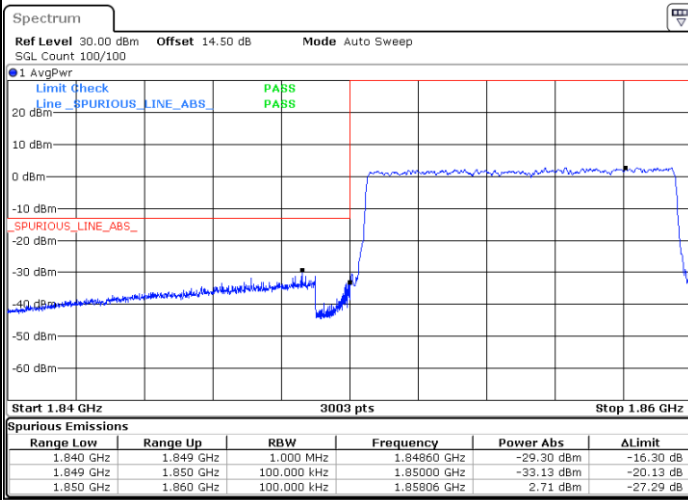
Date: 11.NOV.2024 11:47:38

Highest Band Edge / 1 RB



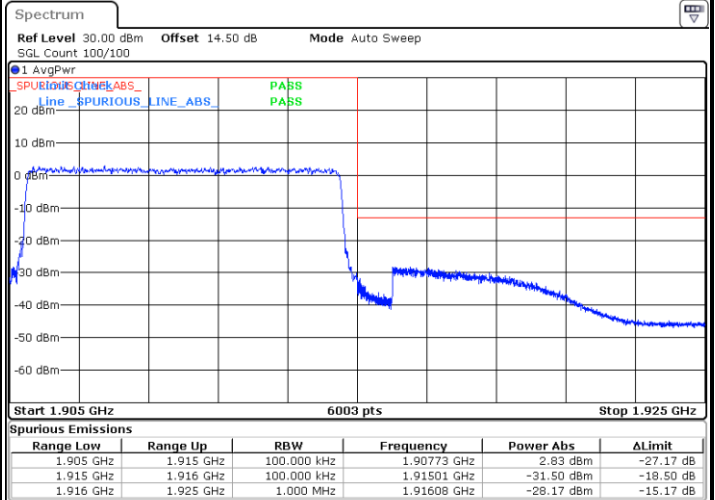
Date: 11.NOV.2024 11:55:54

Lowest Band Edge / Full RB



Date: 11.NOV.2024 11:48:24

Highest Band Edge / Full RB

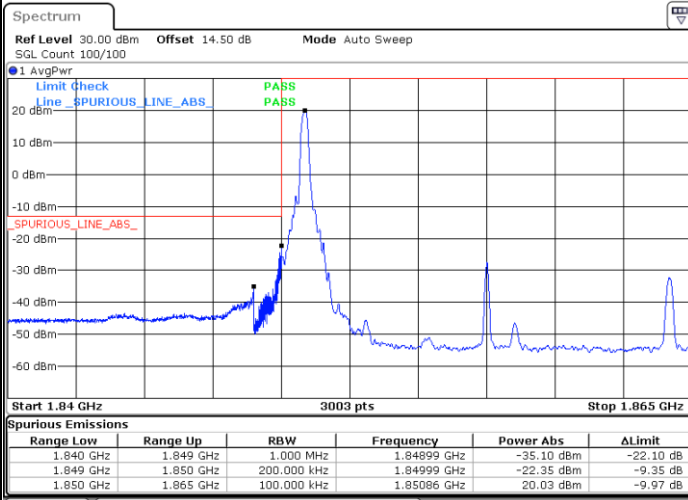


Date: 11.NOV.2024 11:56:40



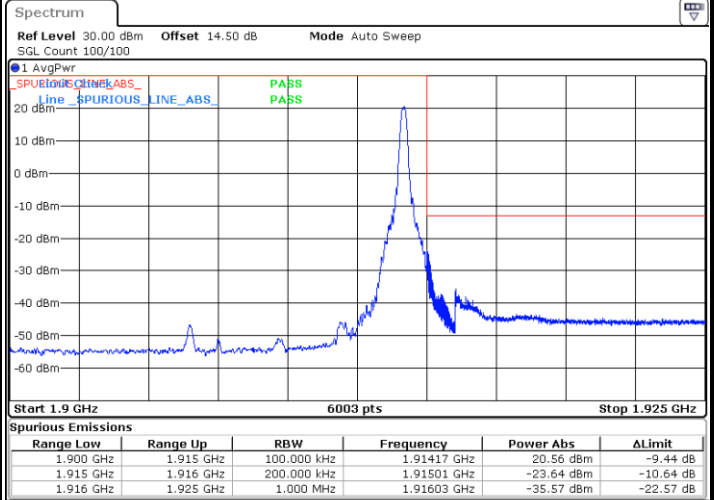
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1RB



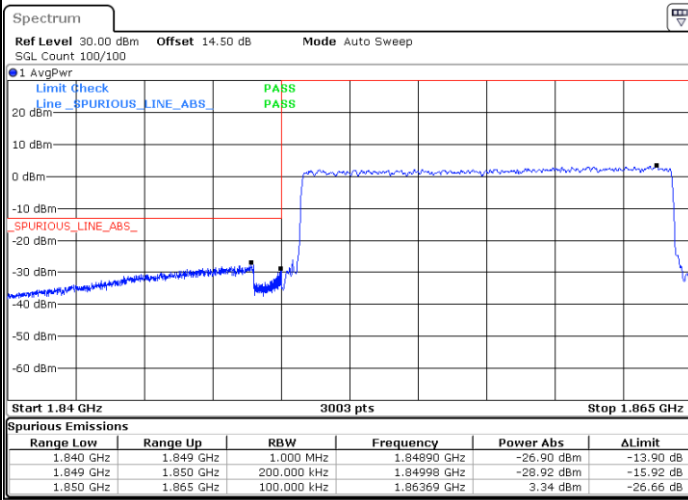
Date: 11.NOV.2024 12:00:51

Highest Band Edge / 1RB



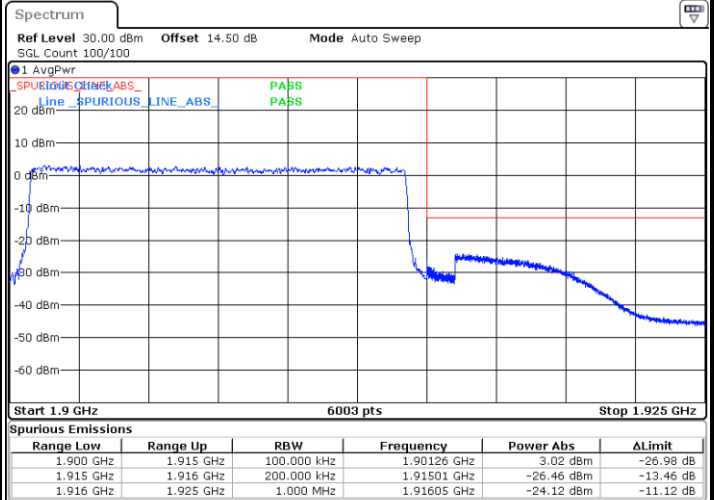
Date: 11.NOV.2024 12:09:07

Lowest Band Edge / Full RB



Date: 11.NOV.2024 12:04:41

Highest Band Edge / Full RB



Date: 11.NOV.2024 12:12:56