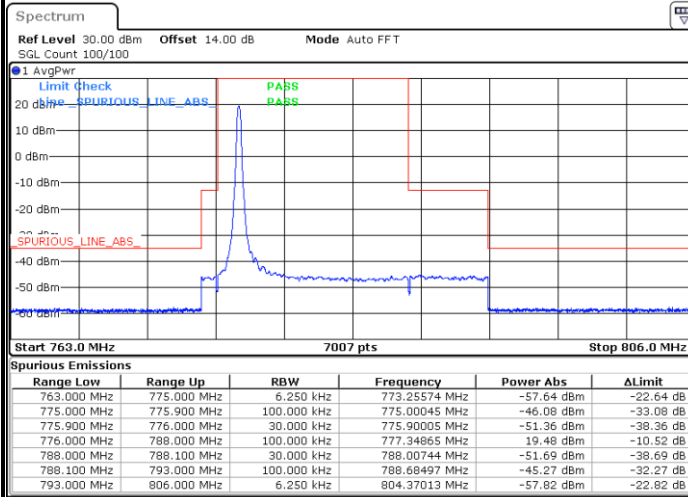




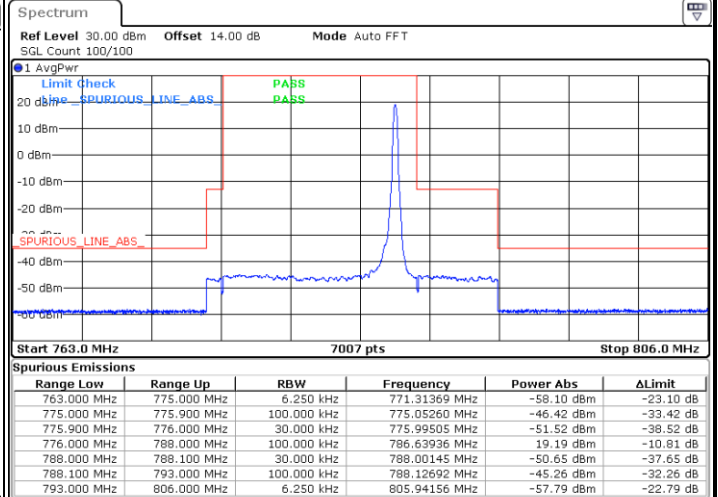
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



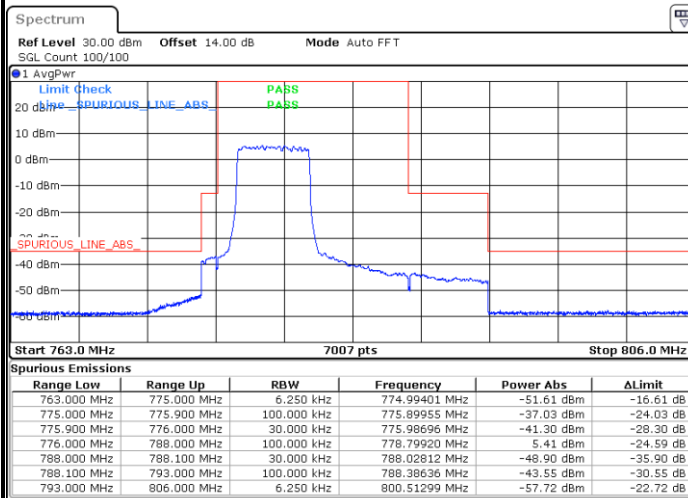
Date: 6.MAR.2024 13:49:34

Highest Band Edge / 1 RB



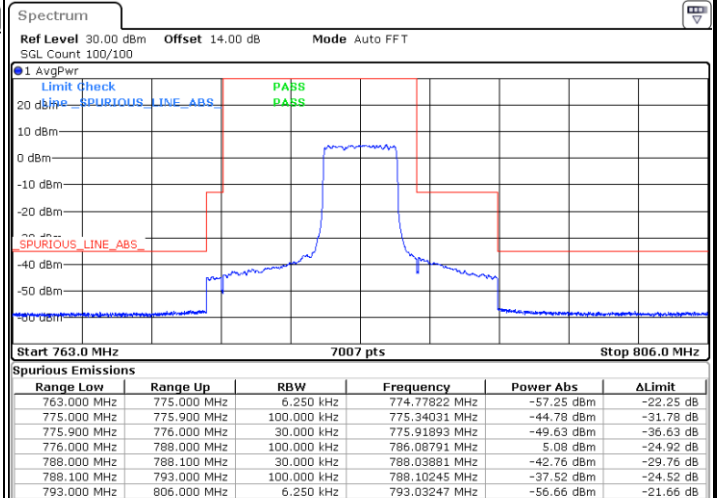
Date: 6.MAR.2024 13:58:15

Lowest Band Edge / Full RB



Date: 6.MAR.2024 13:52:10

Highest Band Edge / Full RB

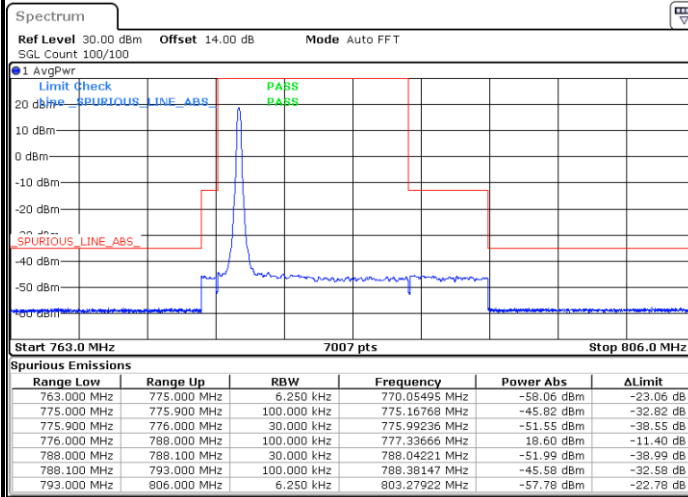


Date: 6.MAR.2024 14:00:49



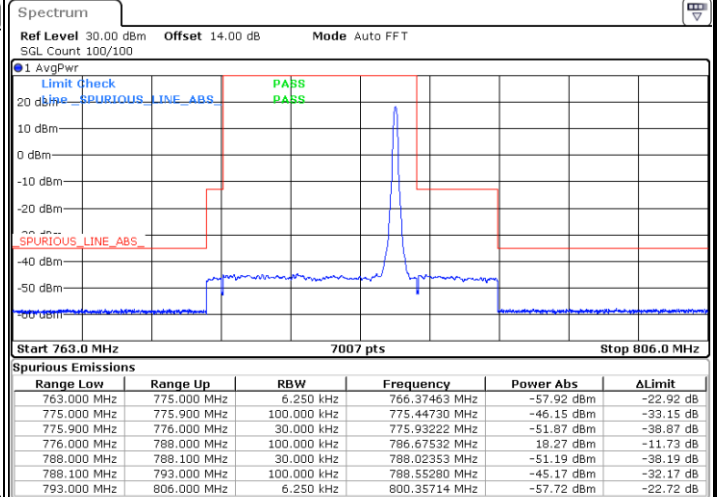
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



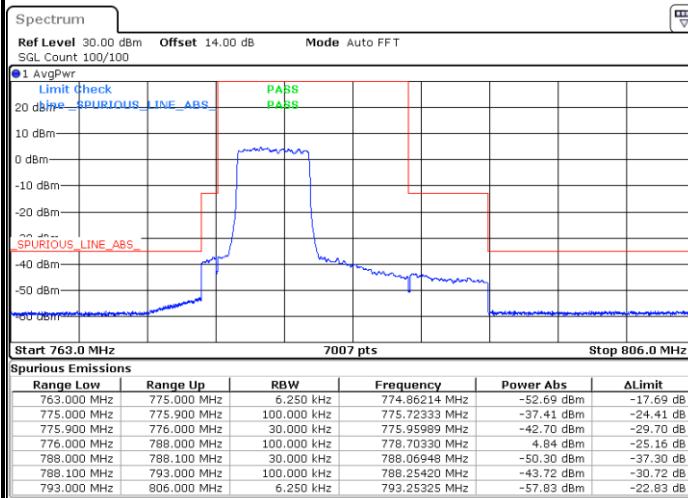
Date: 6.MAR.2024 13:50:27

Highest Band Edge / 1 RB



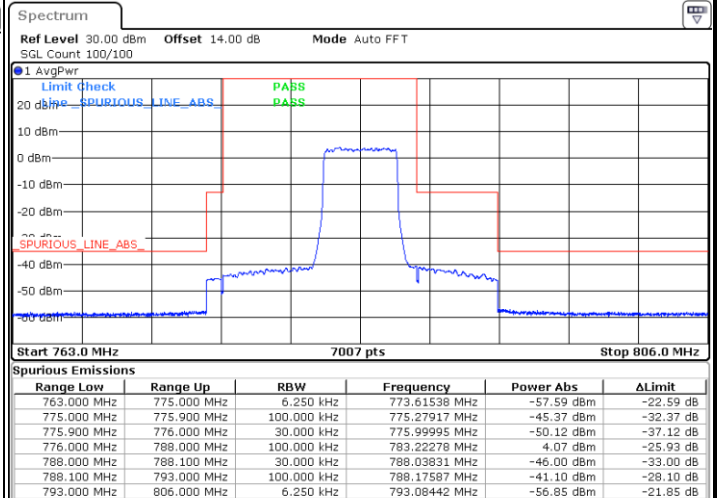
Date: 6.MAR.2024 13:59:06

Lowest Band Edge / Full RB



Date: 6.MAR.2024 13:53:03

Highest Band Edge / Full RB

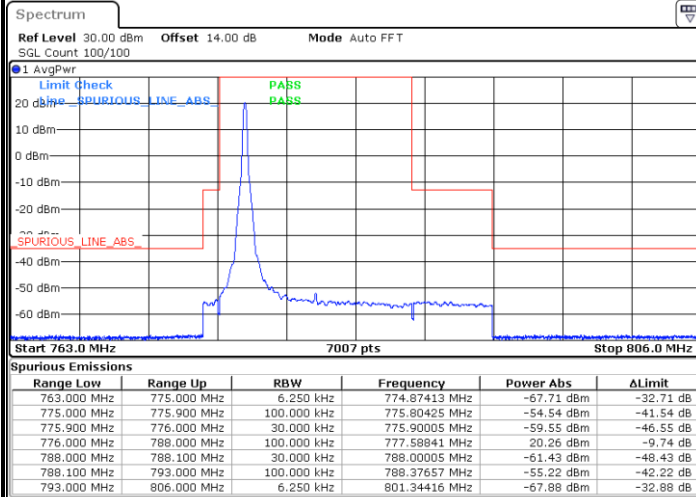


Date: 6.MAR.2024 14:01:40



LTE Band 13 / 10MHz / QPSK

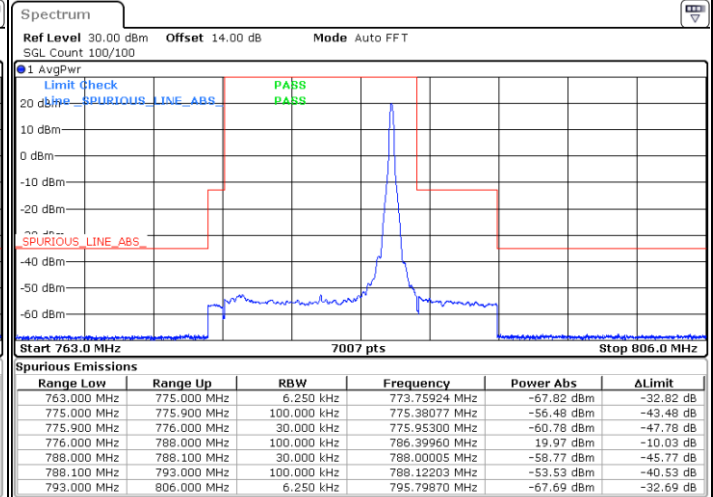
Band Edge / 1 RB



Date: 6.MAR.2024 14:04:14

LTE Band 13 / 10MHz / QPSK

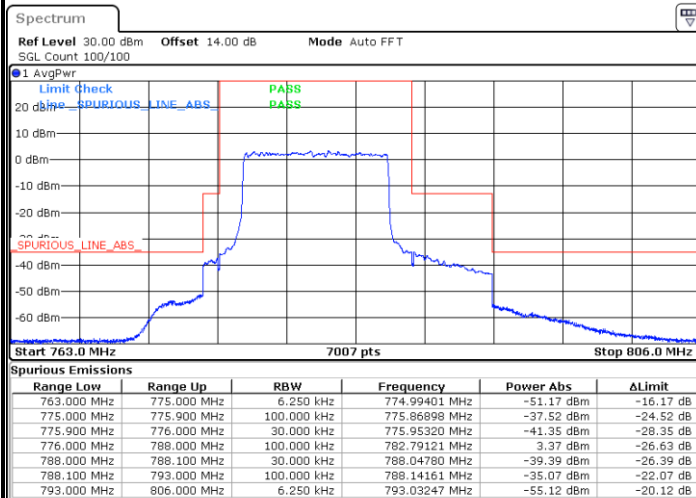
Band Edge / 1 RB



Date: 6.MAR.2024 14:06:46

LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB



Date: 6.MAR.2024 14:09:18

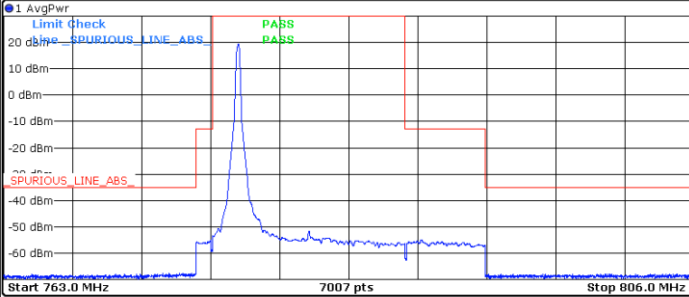
NA



LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

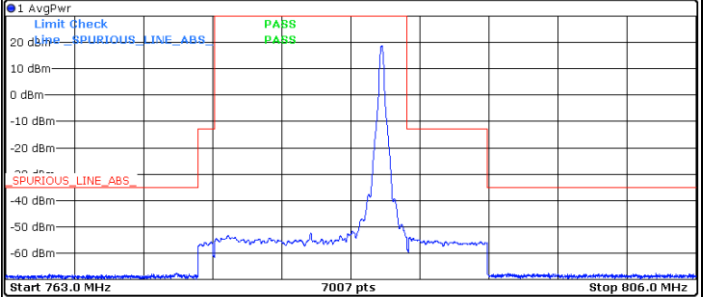
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-67.11 dBm	-32.11 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-55.15 dBm	-42.15 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94830 MHz	-58.84 dBm	-45.84 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.61239 MHz	-19.52 dBm	-10.48 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00554 MHz	-62.07 dBm	-49.07 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.01783 MHz	-55.06 dBm	-42.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.73377 MHz	-67.85 dBm	-32.85 dB

Date: 6.MAR.2024 14:05:05

LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

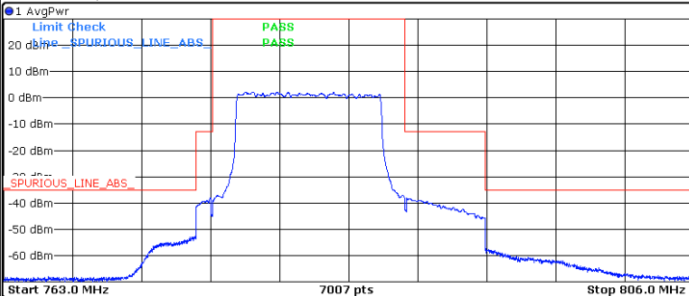
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.61538 MHz	-67.65 dBm	-32.65 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.79615 MHz	-55.81 dBm	-42.81 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90005 MHz	-60.28 dBm	-47.28 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.42358 MHz	-18.67 dBm	-11.33 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00005 MHz	-58.51 dBm	-45.51 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17098 MHz	-54.07 dBm	-41.07 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.31818 MHz	-67.61 dBm	-32.61 dB

Date: 6.MAR.2024 14:07:37

LTE Band 13 / 10MHz / 16QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.93407 MHz	-52.65 dBm	-17.65 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87168 MHz	-38.19 dBm	-25.19 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92672 MHz	-44.44 dBm	-31.44 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.07992 MHz	2.24 dBm	-27.76 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05230 MHz	-42.87 dBm	-29.87 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-38.26 dBm	-25.26 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.05844 MHz	-57.45 dBm	-22.45 dB

Date: 6.MAR.2024 14:10:09

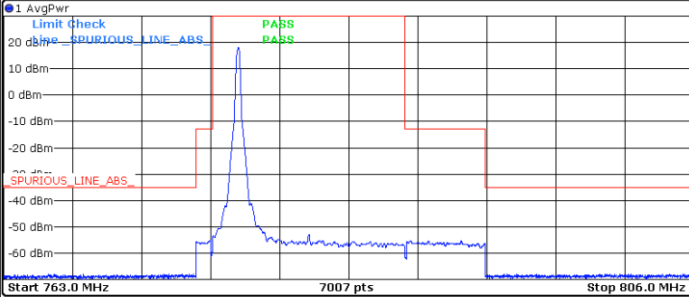
NA



LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

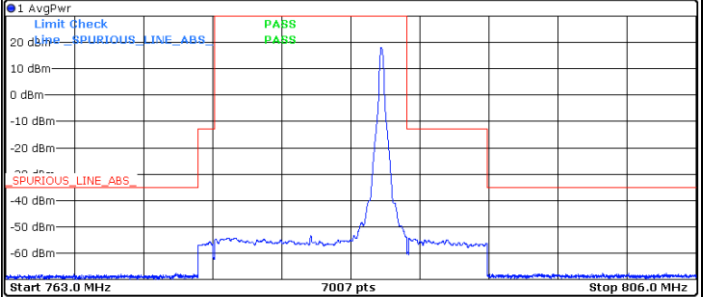
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.83816 MHz	-67.91 dBm	-32.91 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-55.01 dBm	-42.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98357 MHz	-59.72 dBm	-46.72 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.62438 MHz	-18.12 dBm	-11.88 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01494 MHz	-61.64 dBm	-48.64 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.32762 MHz	-55.37 dBm	-42.37 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.17532 MHz	-67.91 dBm	-32.91 dB

Date: 6.MAR.2024 14:05:55

LTE Band 13 / 10MHz / 64QAM

Band Edge / 1 RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

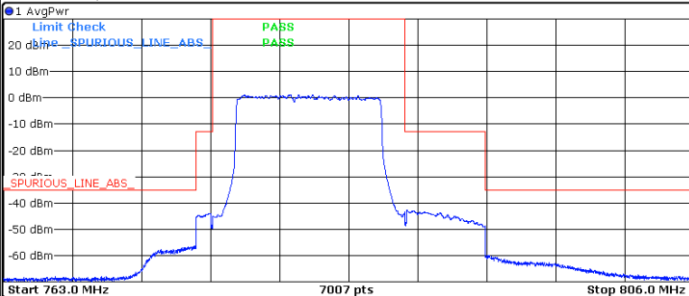
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.60340 MHz	-67.83 dBm	-32.83 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.70624 MHz	-55.62 dBm	-42.62 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91973 MHz	-61.54 dBm	-48.54 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	-18.14 dBm	-11.86 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03222 MHz	-59.79 dBm	-46.79 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-54.41 dBm	-41.41 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.16234 MHz	-67.76 dBm	-32.76 dB

Date: 6.MAR.2024 14:08:27

LTE Band 13 / 10MHz / 64QAM

Band Edge / Full RB

Spectrum

Ref Level 30.00 dBm Offset 14.00 dB Mode Auto FFT
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.89810 MHz	-56.44 dBm	-21.44 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85370 MHz	-43.94 dBm	-30.94 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93951 MHz	-48.33 dBm	-35.33 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.38861 MHz	1.09 dBm	-28.91 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05719 MHz	-47.50 dBm	-34.50 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-42.82 dBm	-29.82 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.21429 MHz	-59.97 dBm	-24.97 dB

Date: 6.MAR.2024 14:11:00

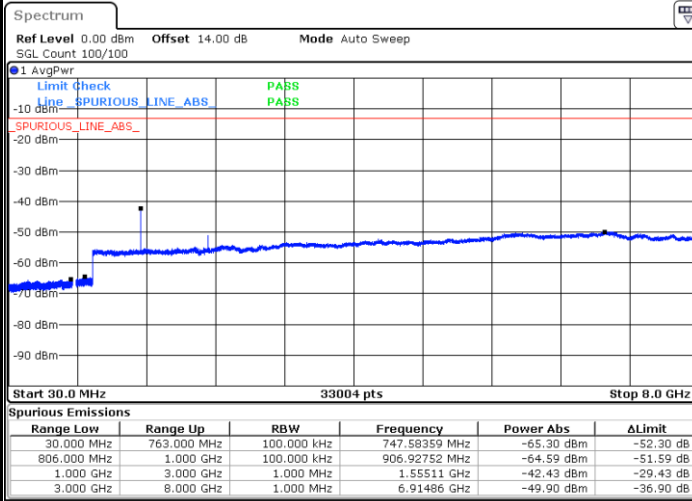
NA



Conducted Spurious Emission

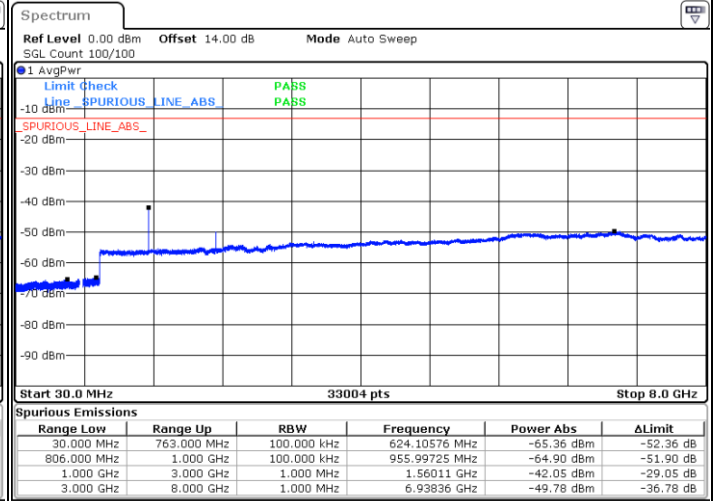
LTE Band 13 / 5MHz

Lowest Channel / QPSK



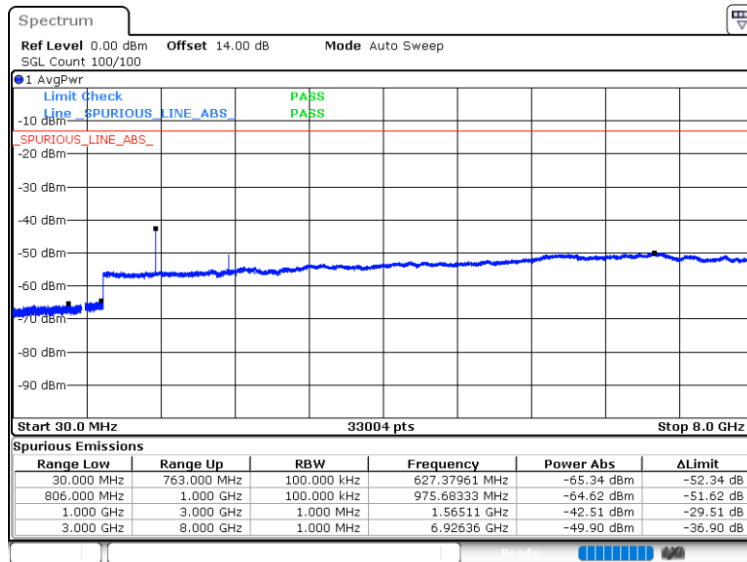
Date: 6.MAR.2024 13:54:04

Middle Channel / QPSK



Date: 6.MAR.2024 13:55:04

Highest Channel / QPSK

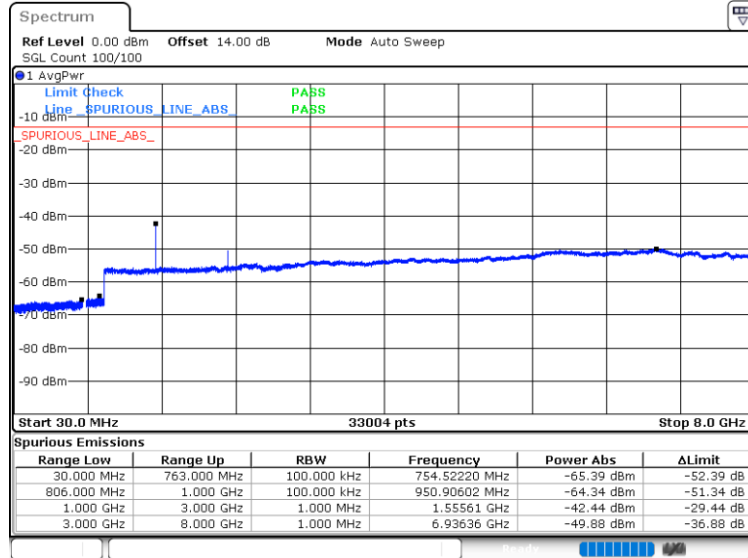


Date: 6.MAR.2024 14:02:41



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 6.MAR.2024 14:12:00

**Frequency Stability**

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

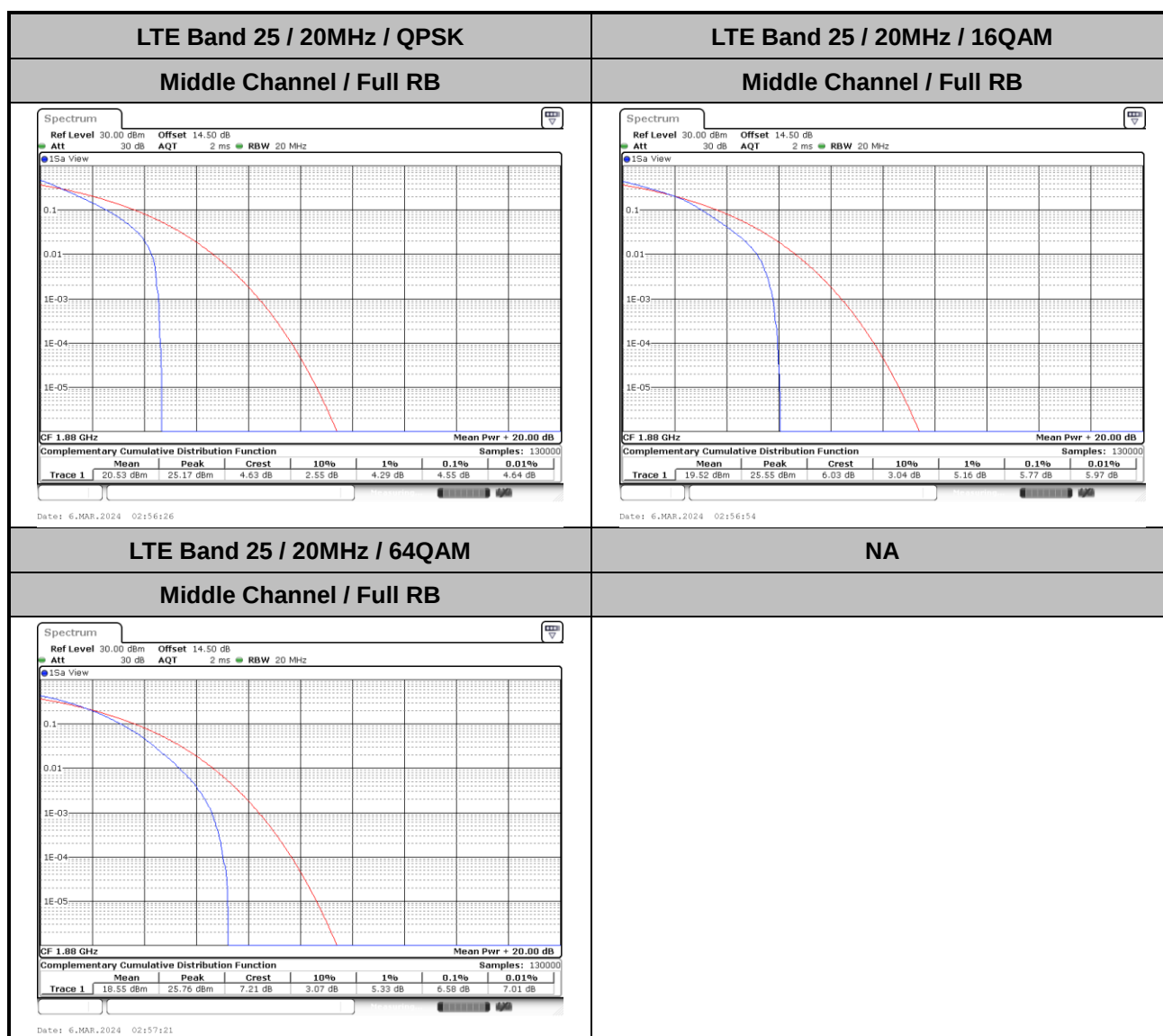
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.55	5.77	6.58	PASS





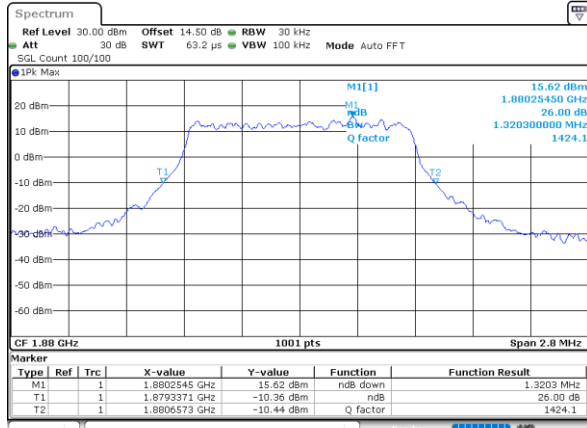
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.36	3.07	3.08	4.94	5.07	9.71	9.95	14.57	14.48	18.78	18.70



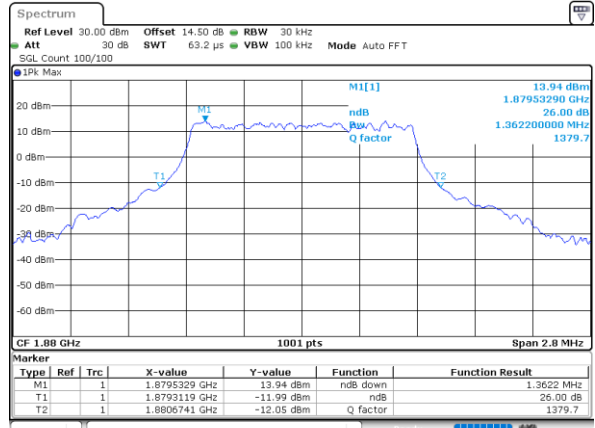
LTE Band 25

Middle Channel / 1.4MHz / QPSK



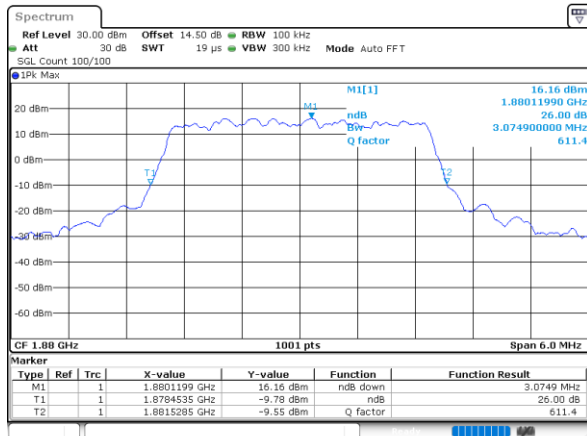
Date: 6,MAR,2024 01:45:12

Middle Channel / 1.4MHz / 16QAM



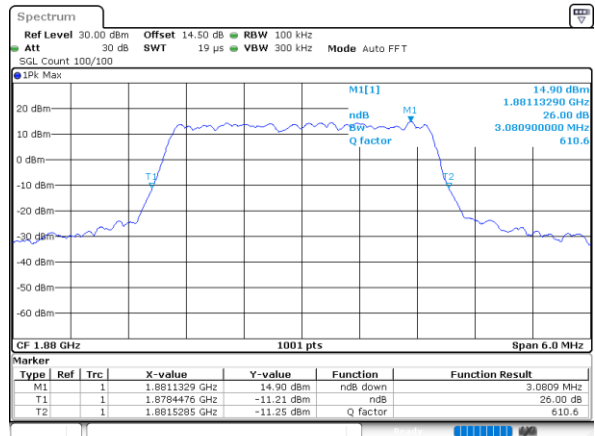
Date: 6,MAR,2024 01:46:12

Middle Channel / 3MHz / QPSK



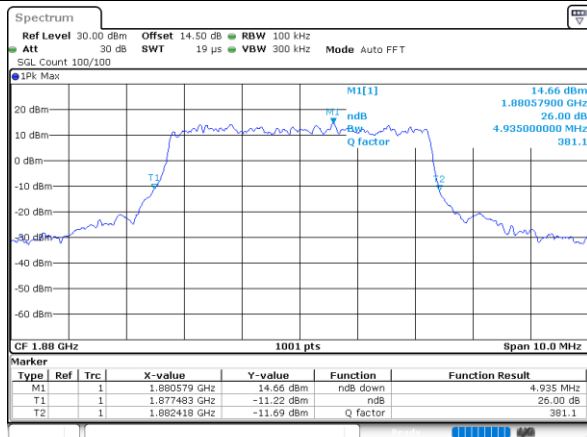
Date: 6,MAR,2024 01:59:29

Middle Channel / 3MHz / 16QAM



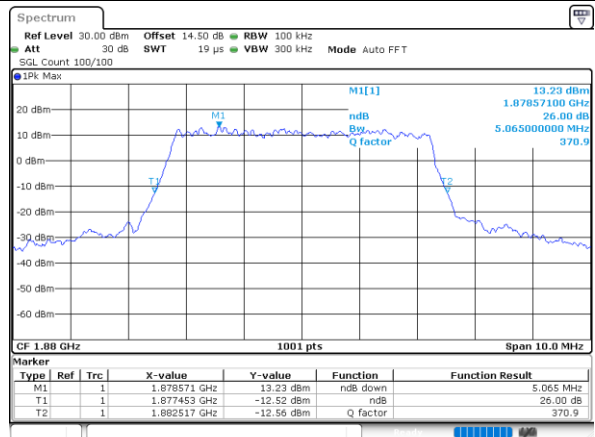
Date: 6,MAR,2024 02:00:09

Middle Channel / 5MHz / QPSK



Date: 6,MAR,2024 02:13:26

Middle Channel / 5MHz / 16QAM

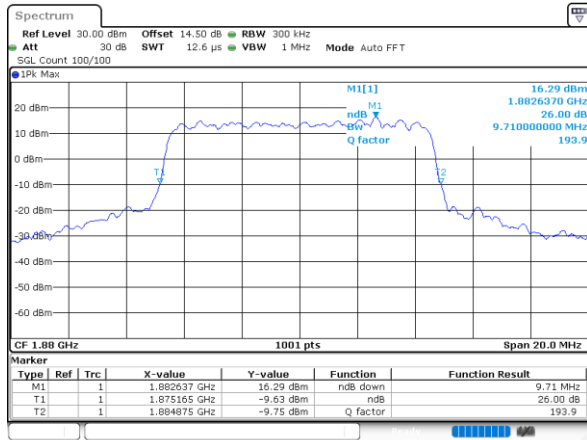


Date: 6,MAR,2024 02:14:07



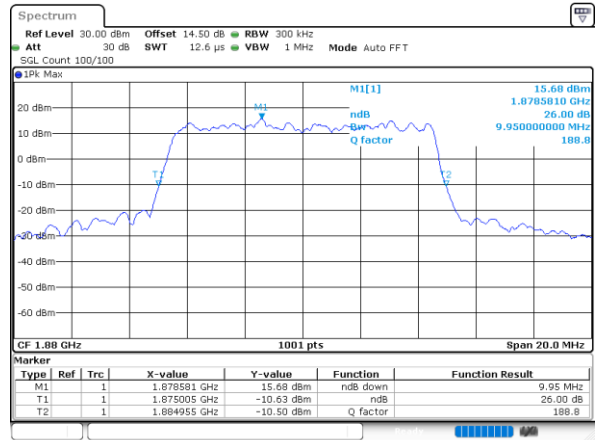
LTE Band 25

Middle Channel / 10MHz / QPSK



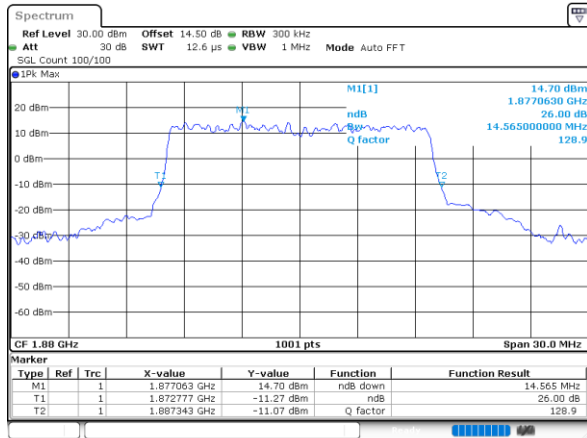
Date: 6,MAR,2024 02:27:24

Middle Channel / 10MHz / 16QAM



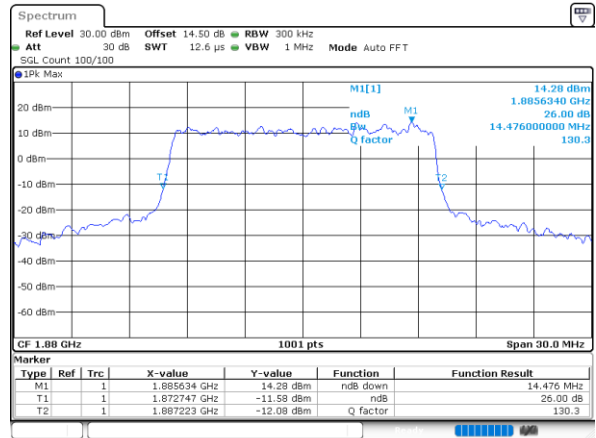
Date: 6,MAR,2024 02:28:04

Middle Channel / 15MHz / QPSK



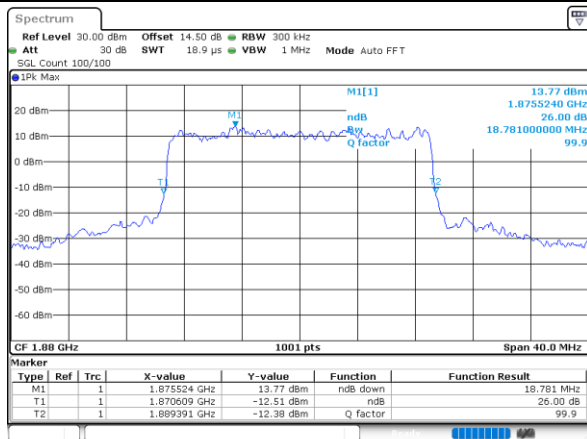
Date: 6,MAR,2024 02:41:22

Middle Channel / 15MHz / 16QAM



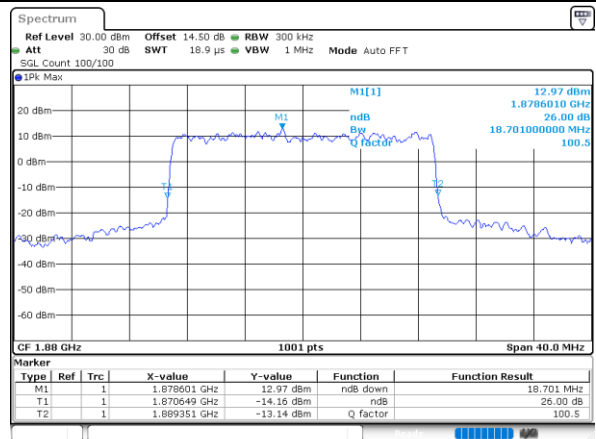
Date: 6,MAR,2024 02:42:02

Middle Channel / 20MHz / QPSK



Date: 6,MAR,2024 02:55:19

Middle Channel / 20MHz / 16QAM



Date: 6,MAR,2024 02:55:59



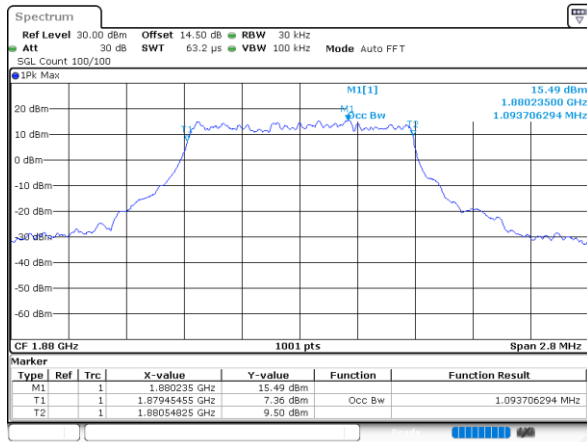
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.72	2.72	4.48	4.50	9.01	8.99	13.52	13.52	17.82	17.94

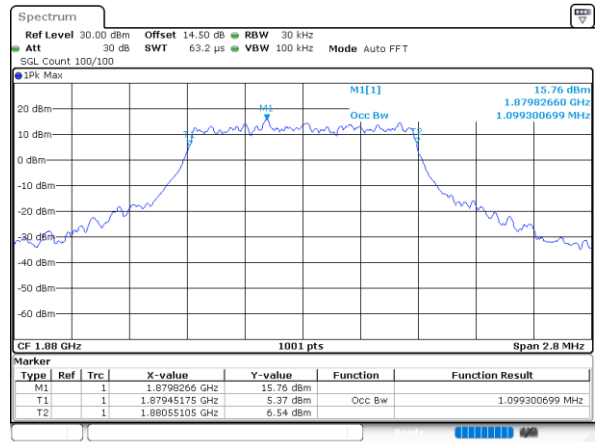


LTE Band 25

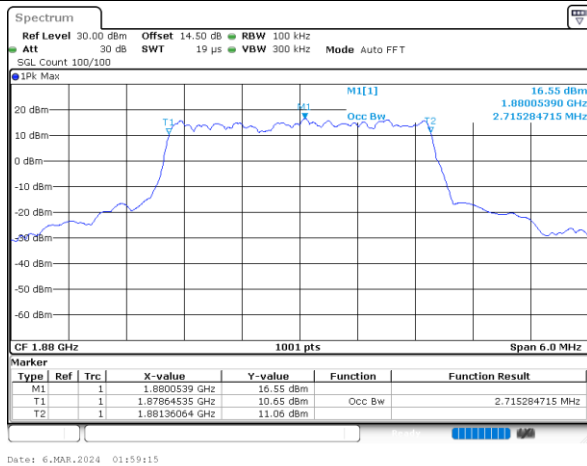
Middle Channel / 1.4MHz / QPSK



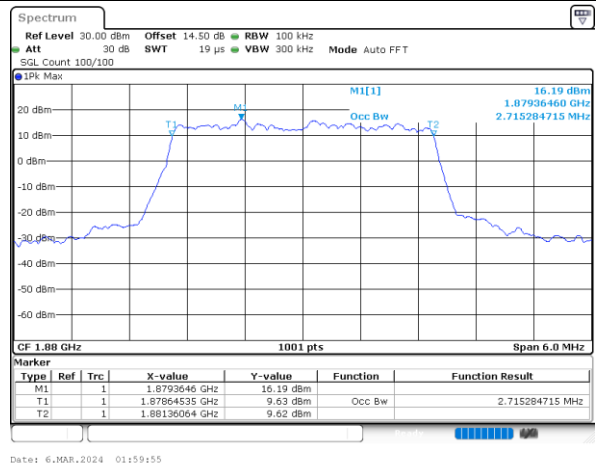
Middle Channel / 1.4MHz / 16QAM



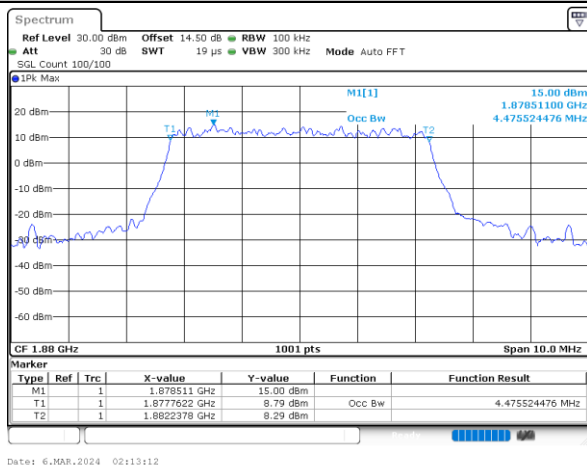
Middle Channel / 3MHz / QPSK



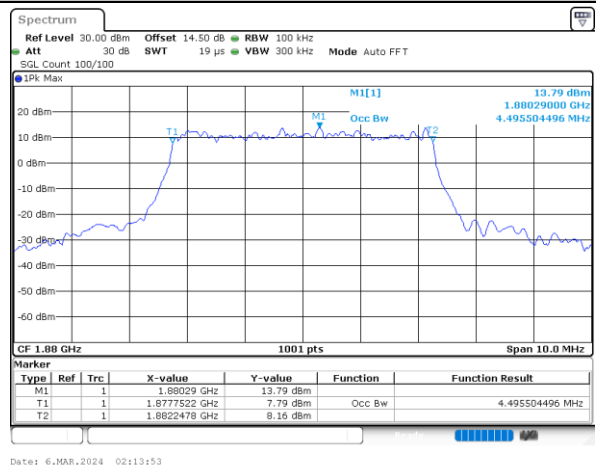
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



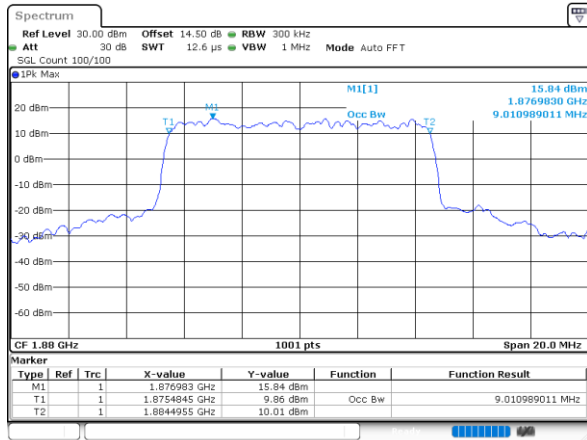
Middle Channel / 5MHz / 16QAM



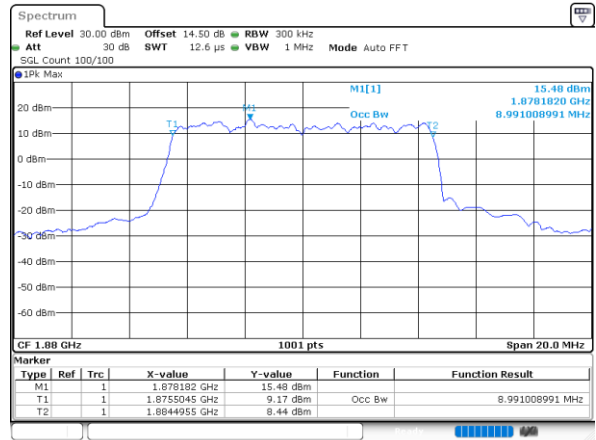


LTE Band 25

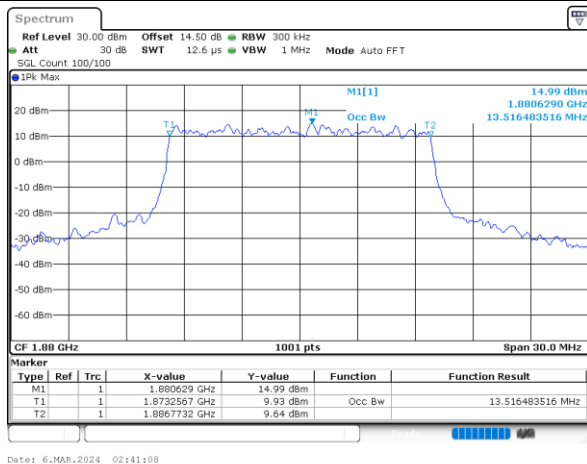
Middle Channel / 10MHz / QPSK



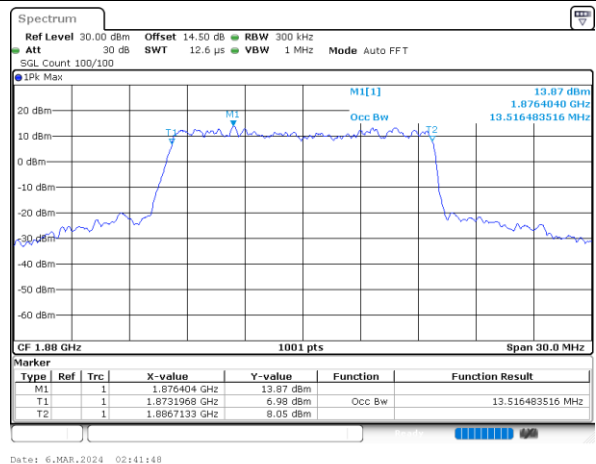
Middle Channel / 10MHz / 16QAM



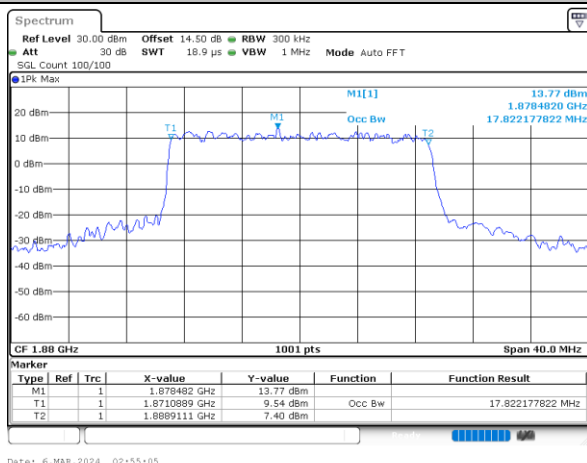
Middle Channel / 15MHz / QPSK



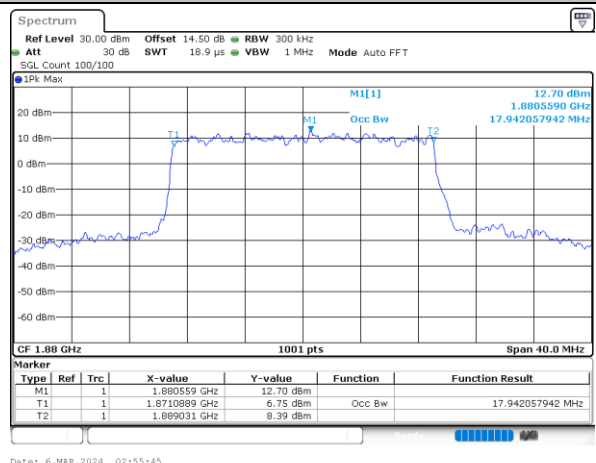
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

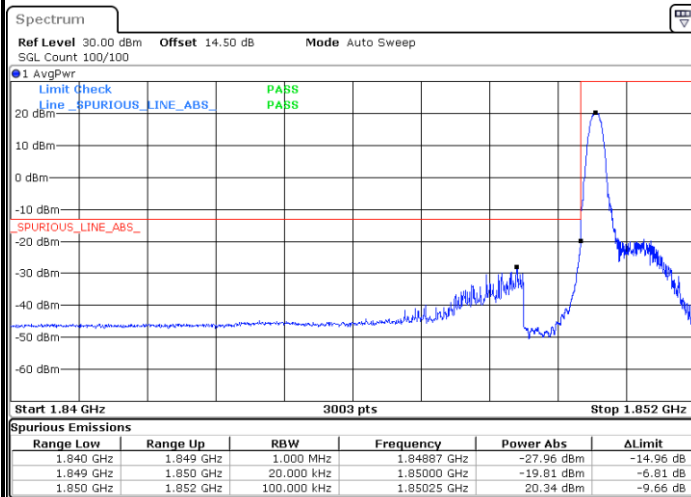




Conducted Band Edge

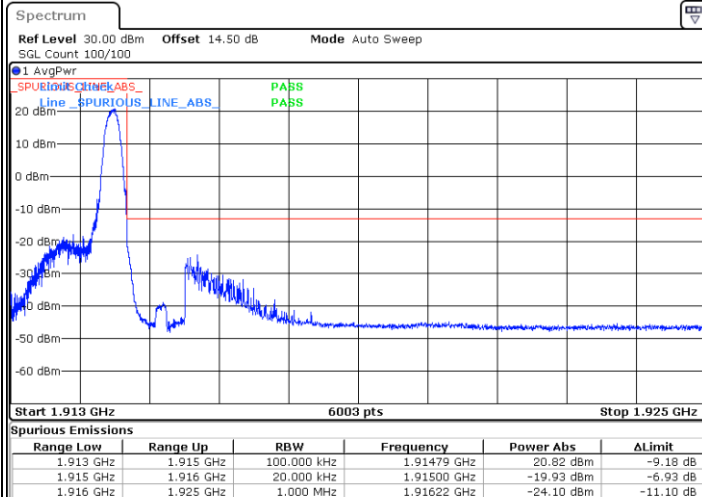
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



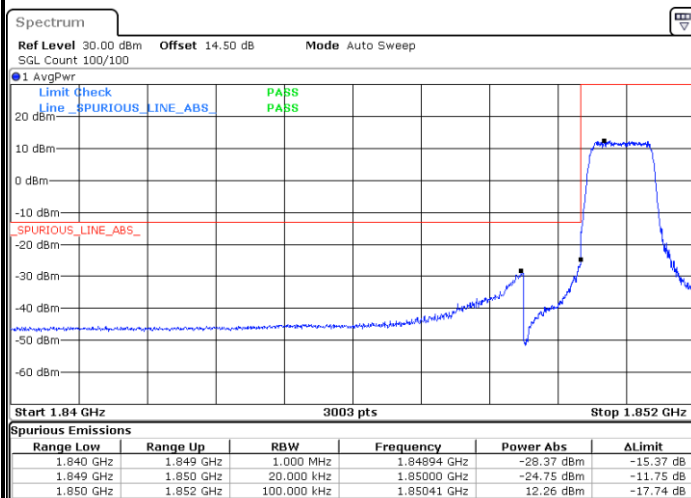
Date: 6.MAR.2024 01:39:12

Highest Band Edge / 1RB



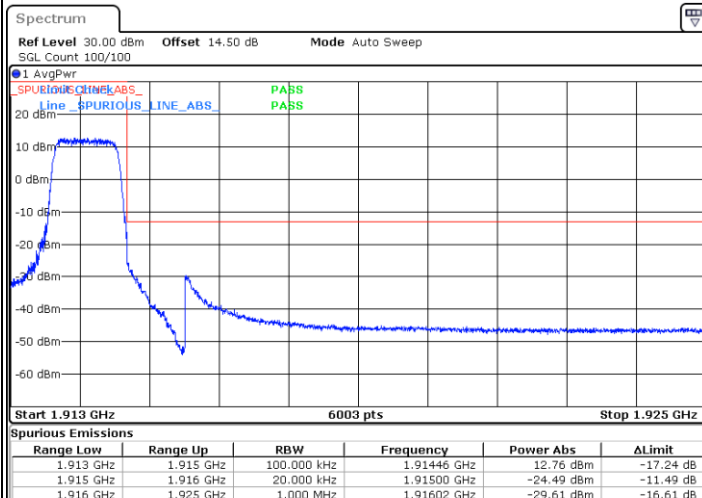
Date: 6.MAR.2024 01:46:57

Lowest Band Edge / Full RB



Date: 6.MAR.2024 01:43:00

Highest Band Edge / Full RB

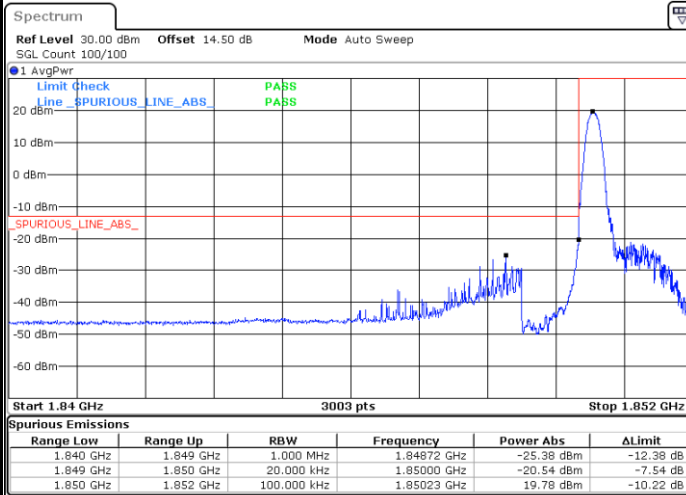


Date: 6.MAR.2024 01:50:45

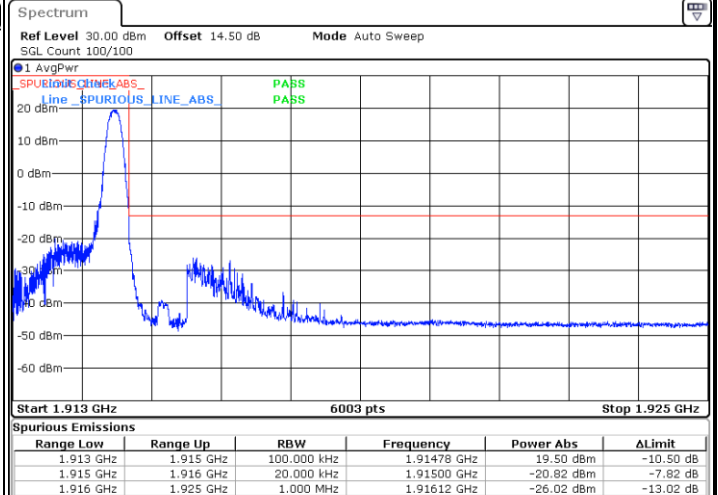


LTE Band 25 / 1.4MHz / 16QAM

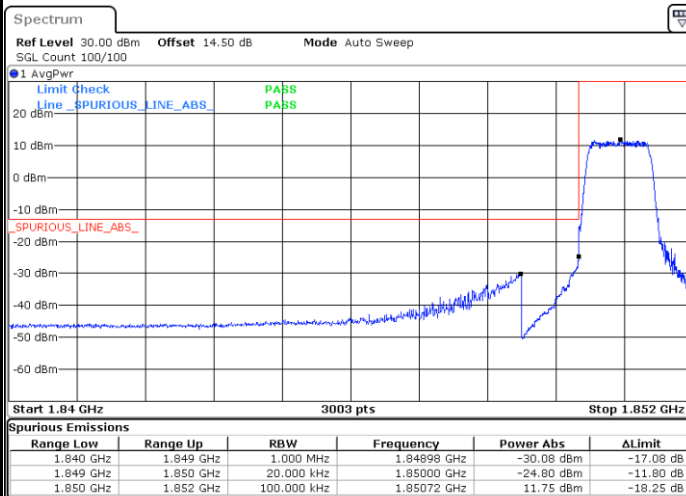
Lowest Band Edge / 1 RB



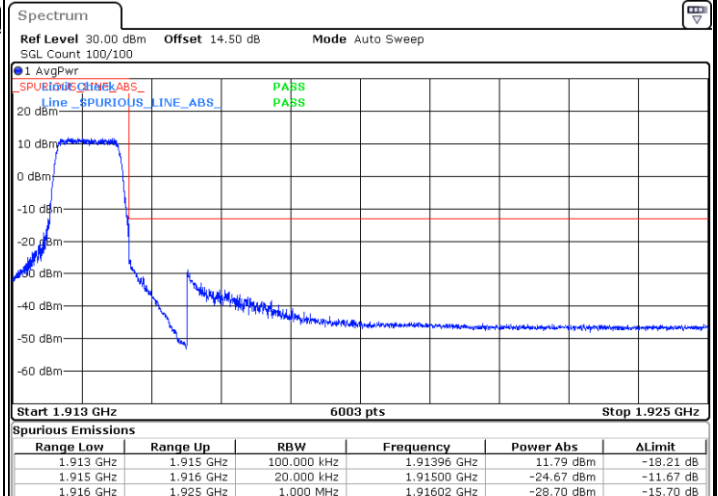
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



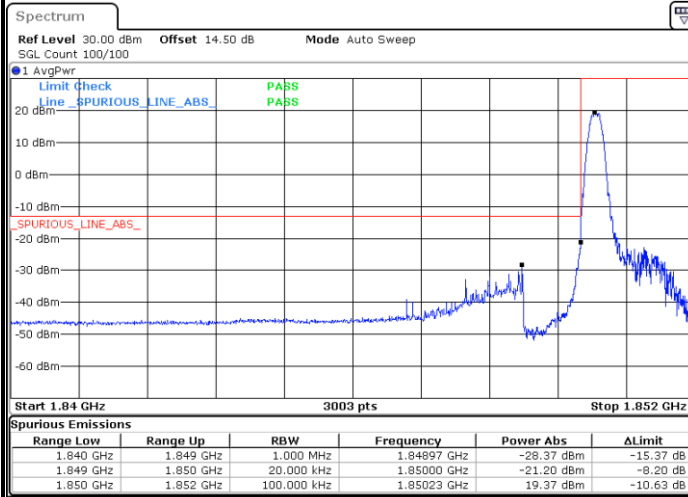
Highest Band Edge / Full RB



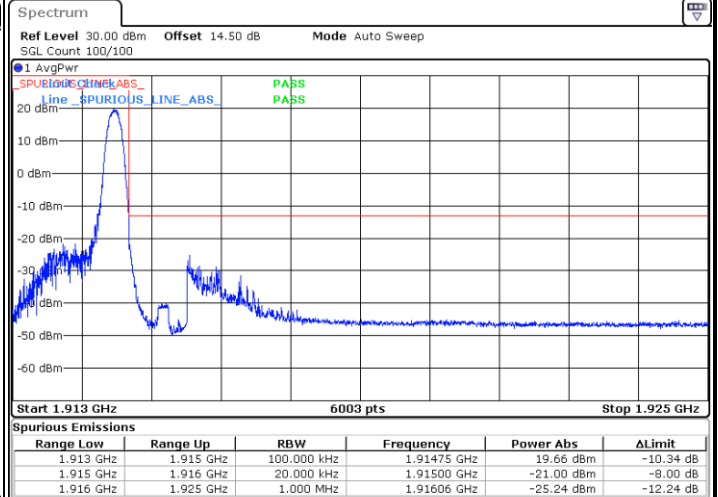


LTE Band 25 / 1.4MHz / 64QAM

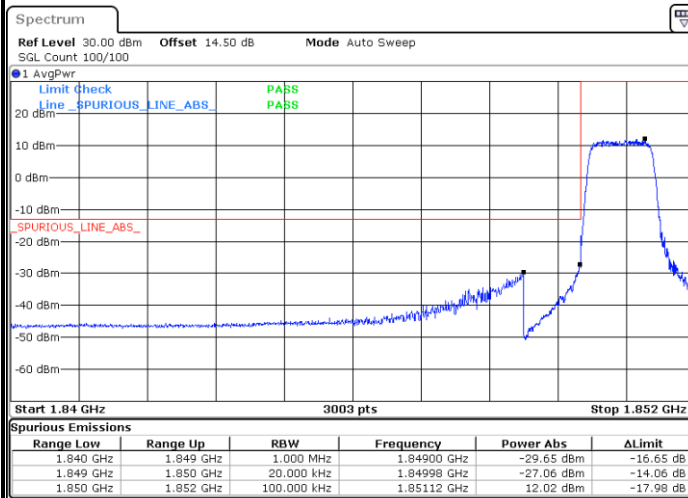
Lowest Band Edge / 1 RB



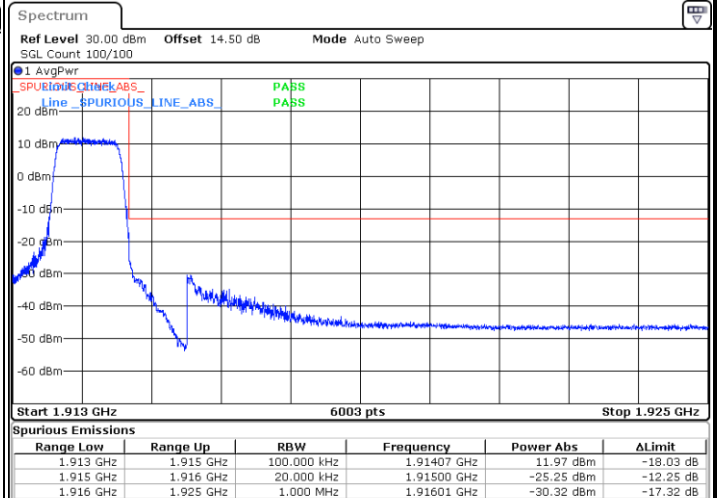
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



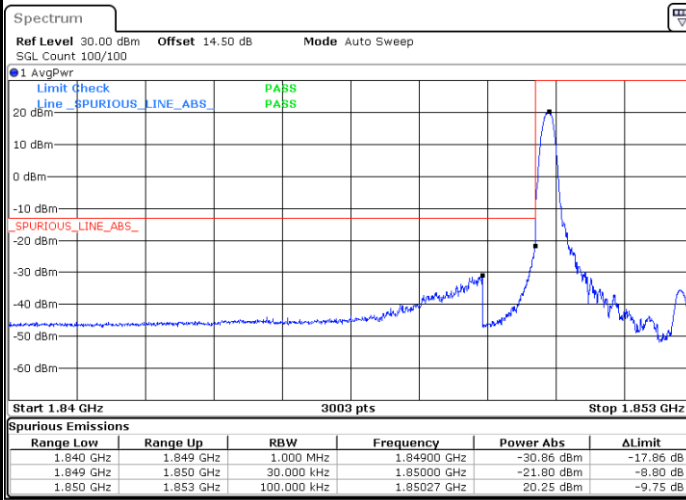
Highest Band Edge / Full RB



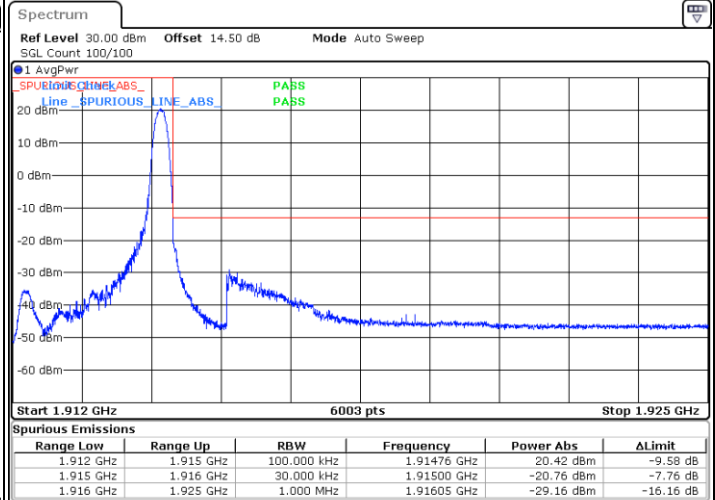


LTE Band 25 / 3MHz / QPSK

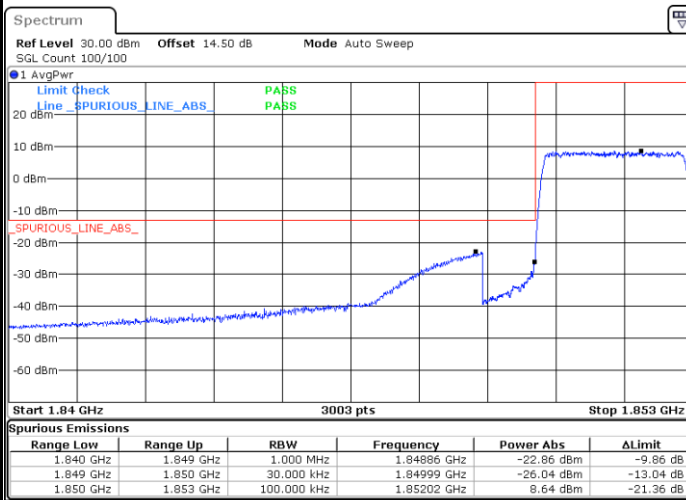
Lowest Band Edge / 1RB



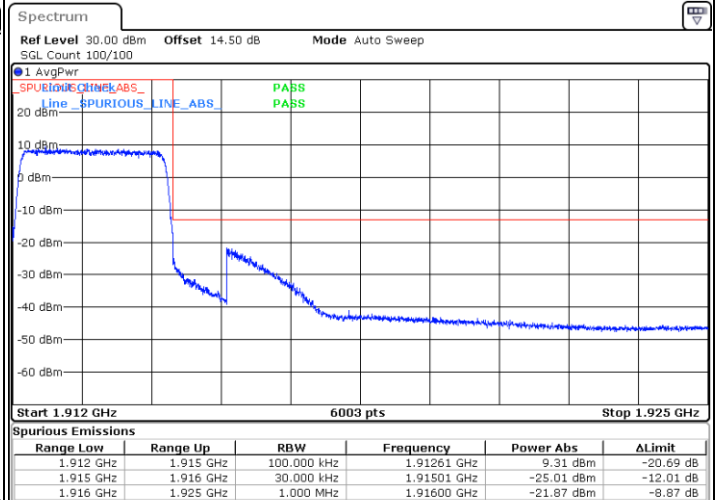
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



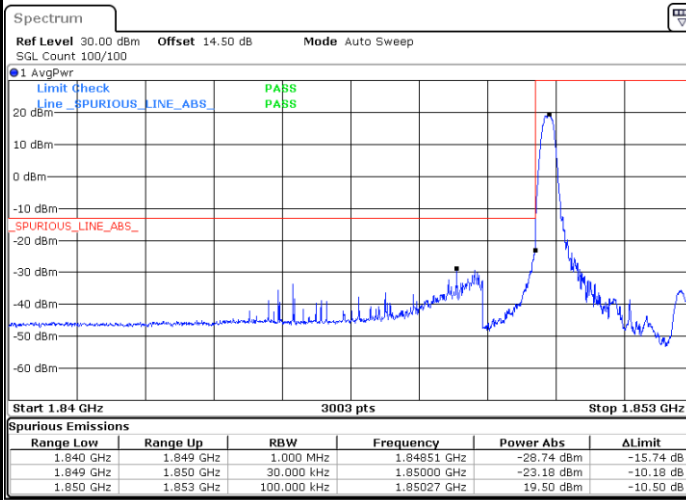
Highest Band Edge / Full RB



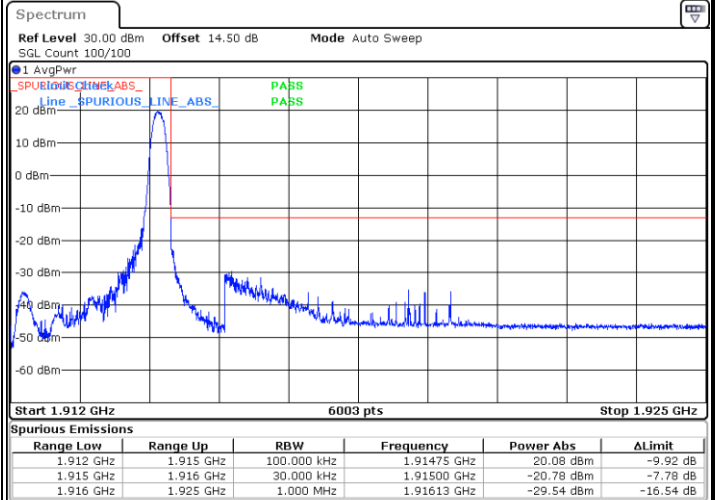


LTE Band 25 / 3MHz / 16QAM

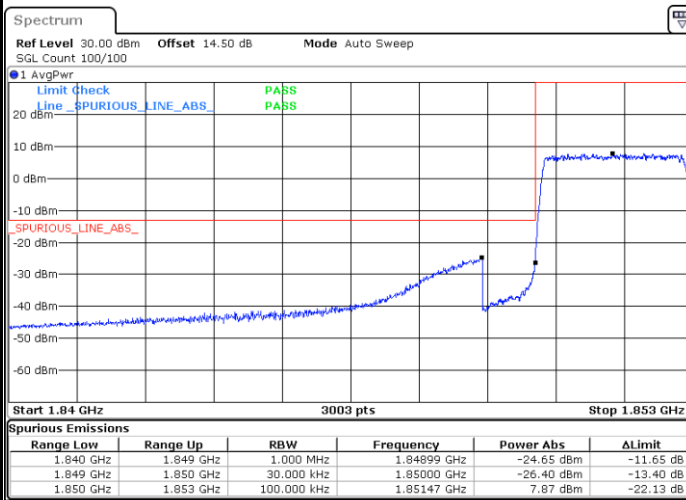
Lowest Band Edge / 1 RB



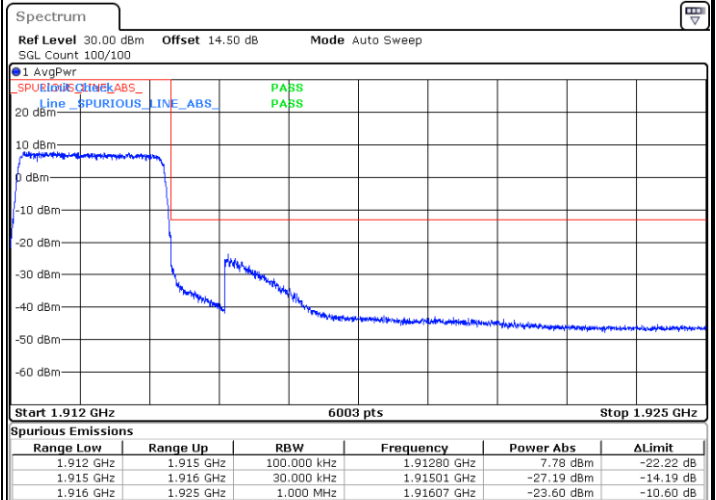
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



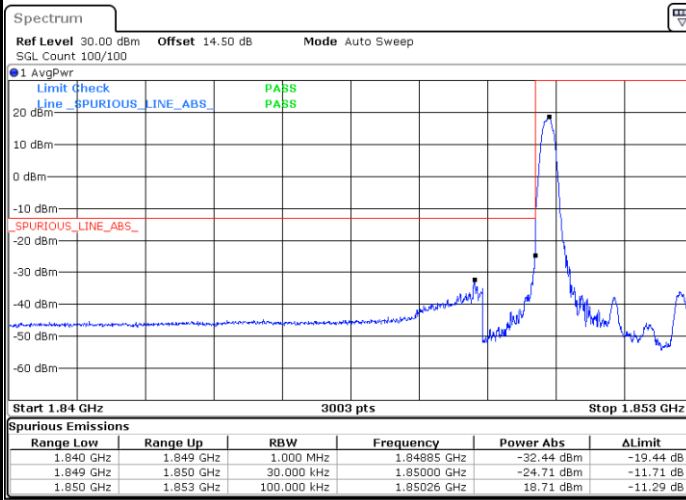
Highest Band Edge / Full RB



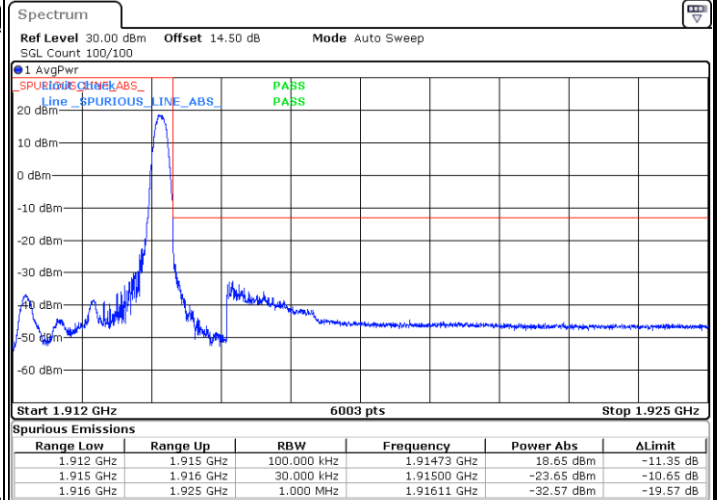


LTE Band 25 / 3MHz / 64QAM

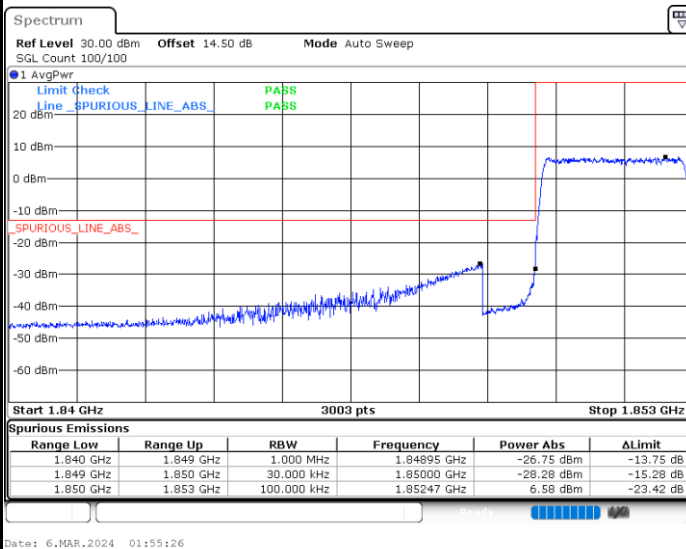
Lowest Band Edge / 1 RB



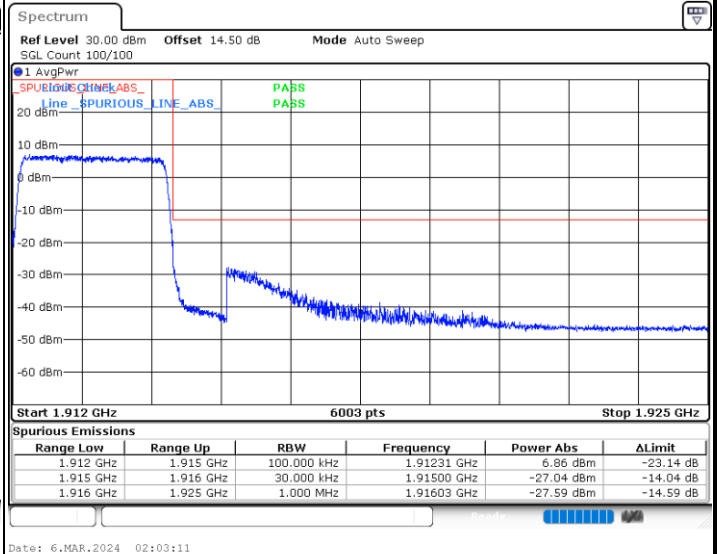
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



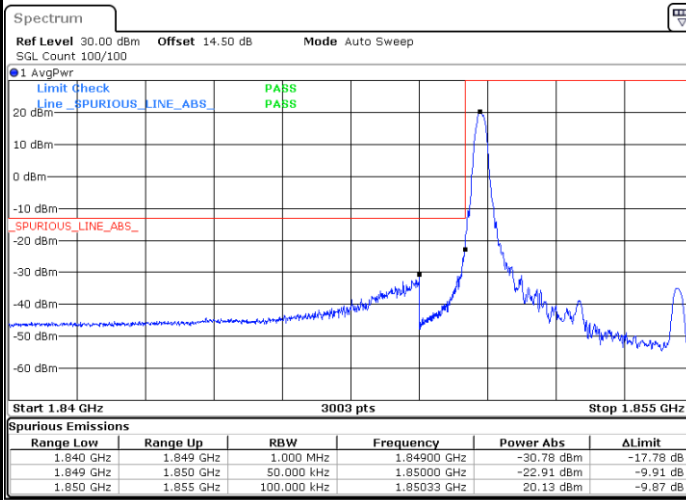
Highest Band Edge / Full RB



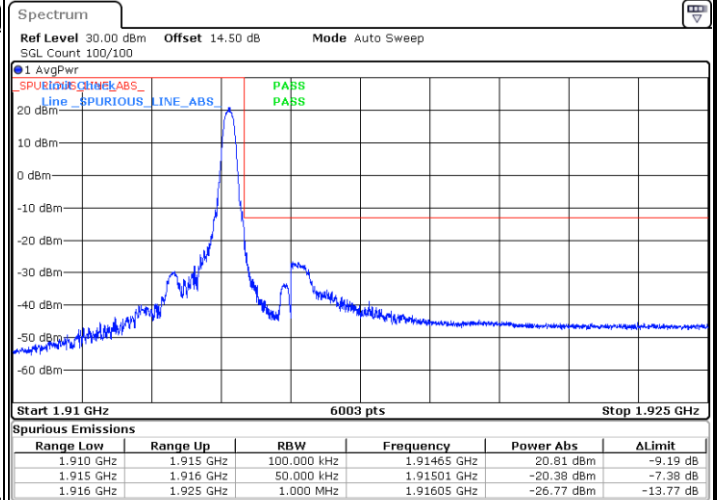


LTE Band 25 / 5MHz / QPSK

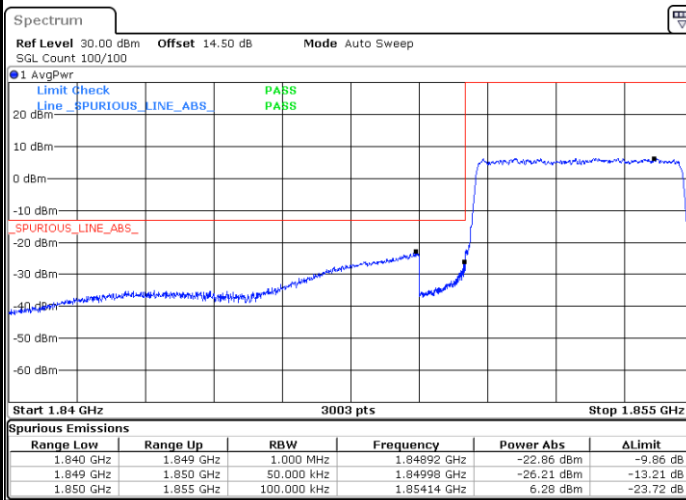
Lowest Band Edge / 1RB



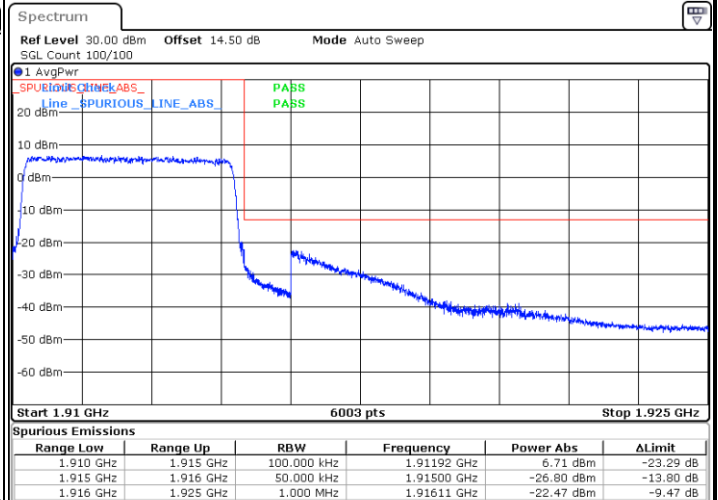
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



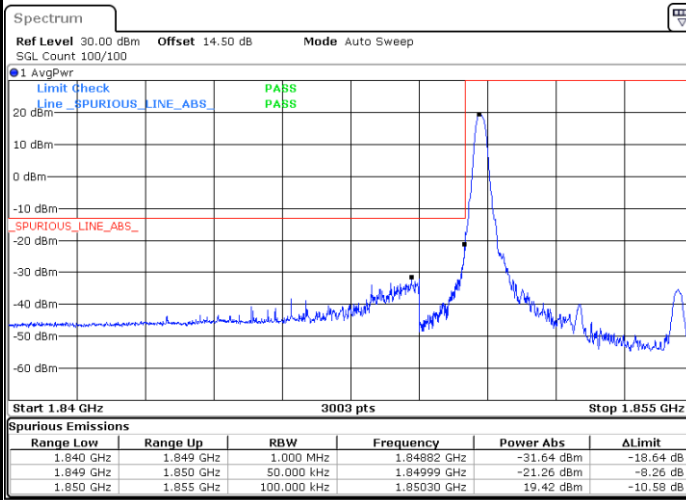
Highest Band Edge / Full RB



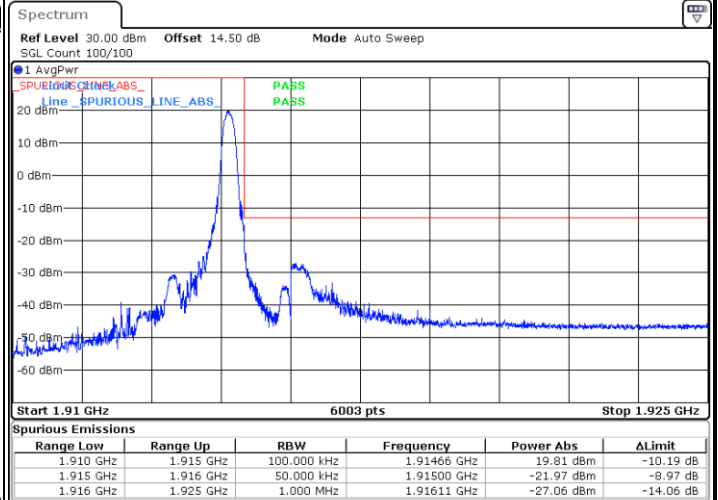


LTE Band 25 / 5MHz / 16QAM

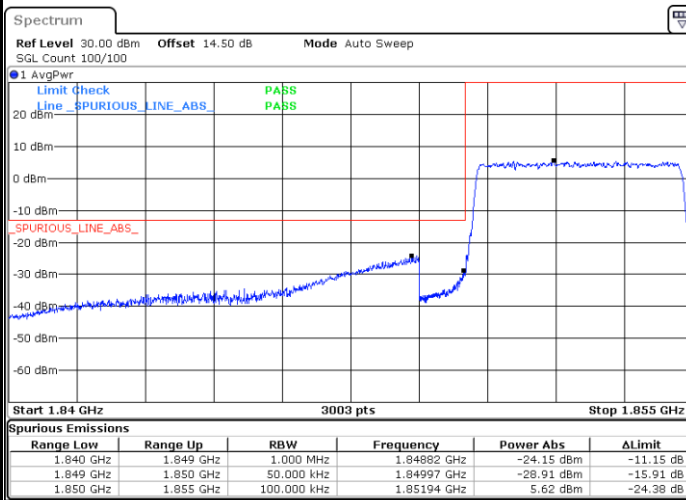
Lowest Band Edge / 1 RB



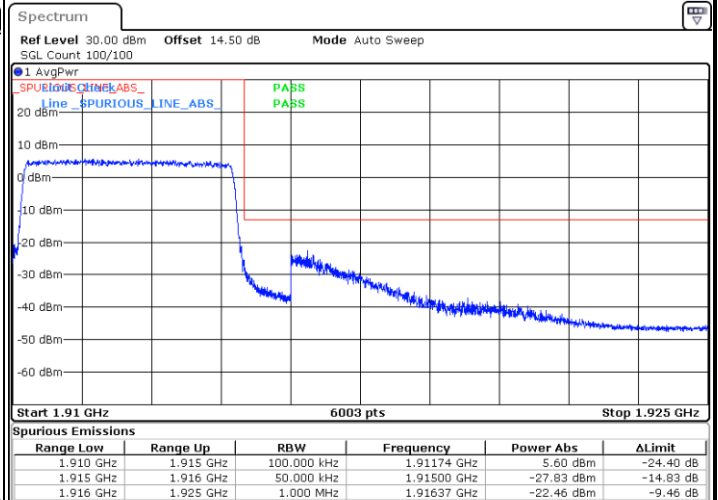
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



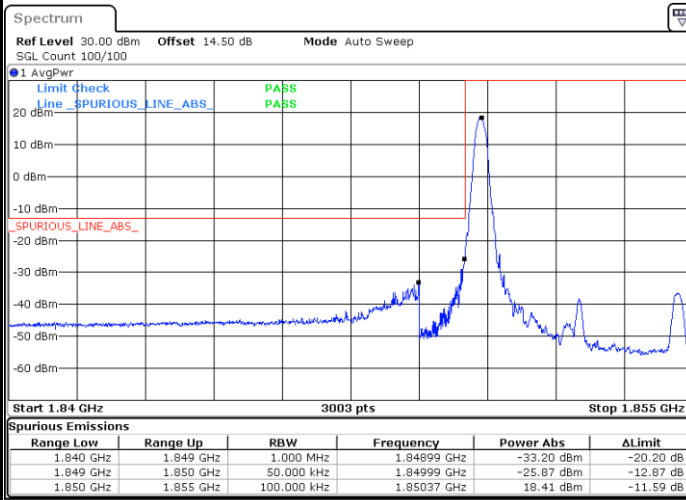
Highest Band Edge / Full RB



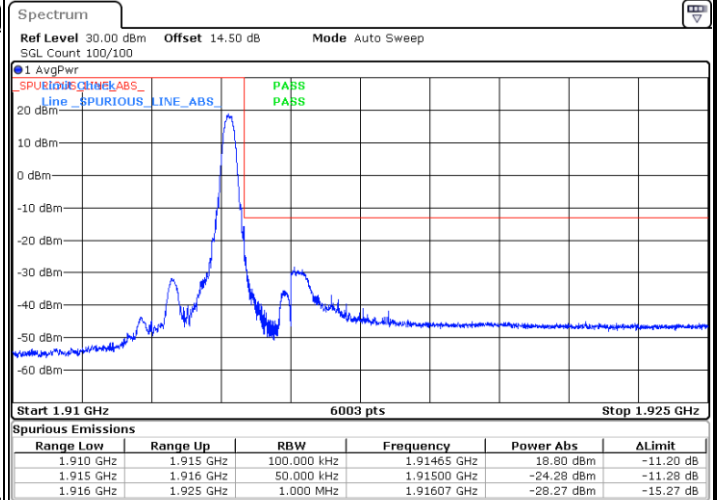


LTE Band 25 / 5MHz / 64QAM

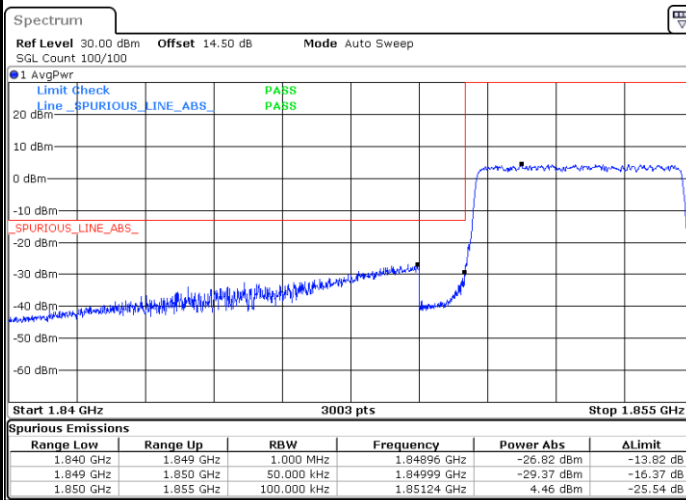
Lowest Band Edge / 1 RB



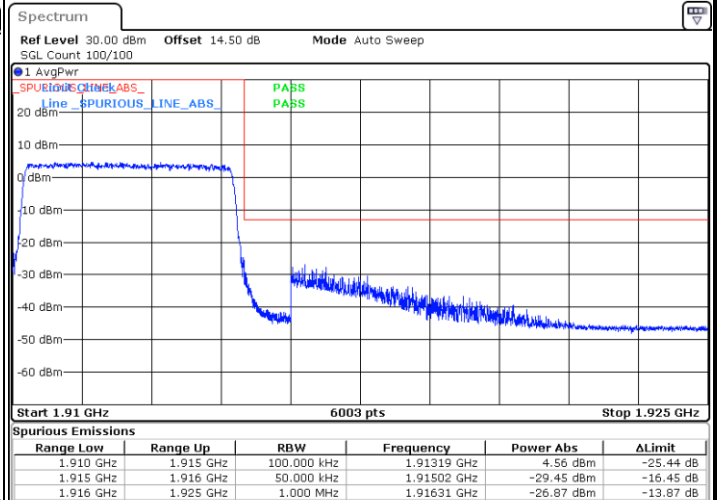
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



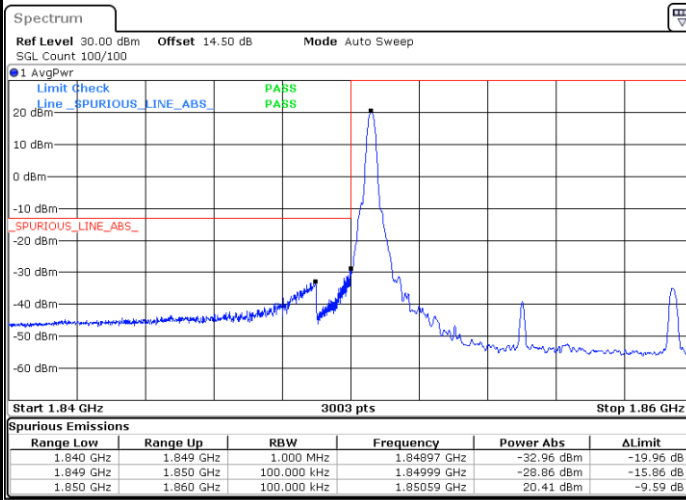
Highest Band Edge / Full RB



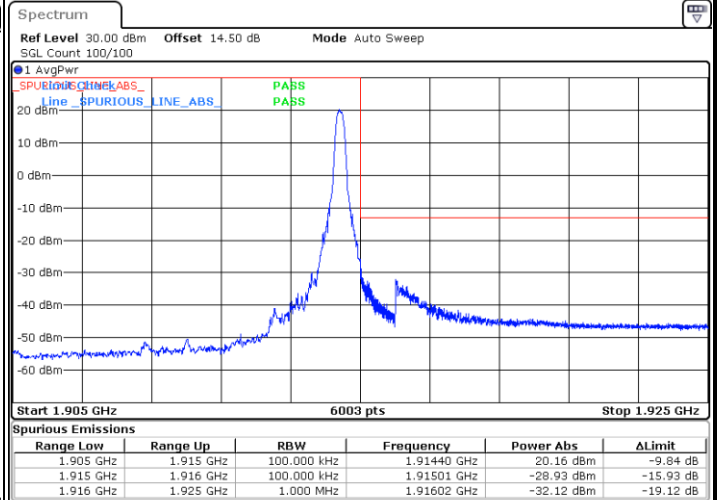


LTE Band 25 / 10MHz / QPSK

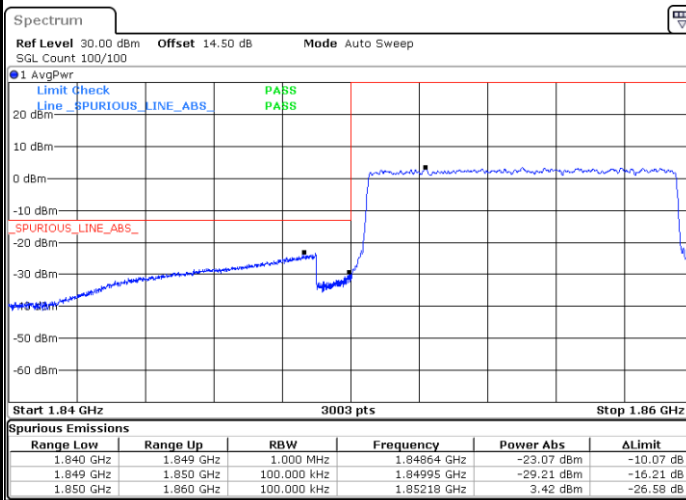
Lowest Band Edge / 1RB



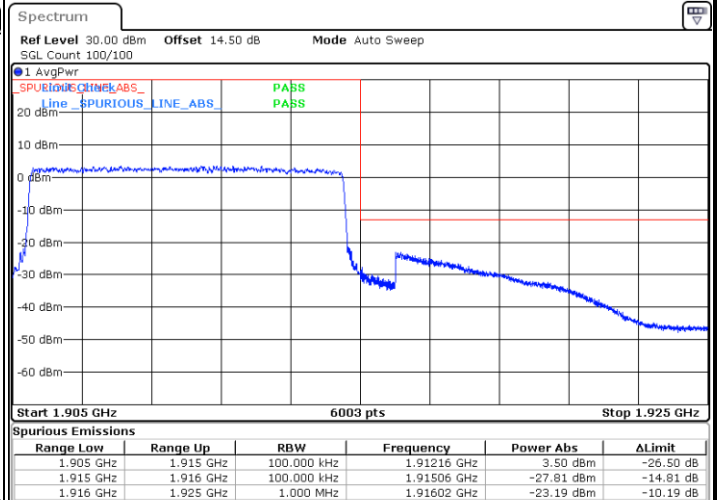
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



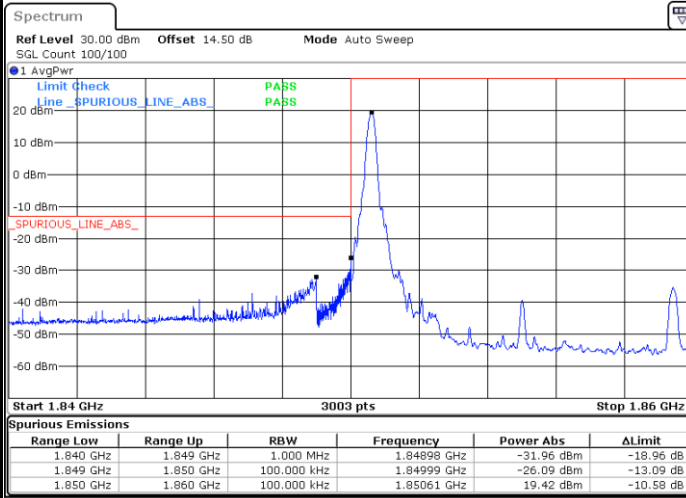
Highest Band Edge / Full RB





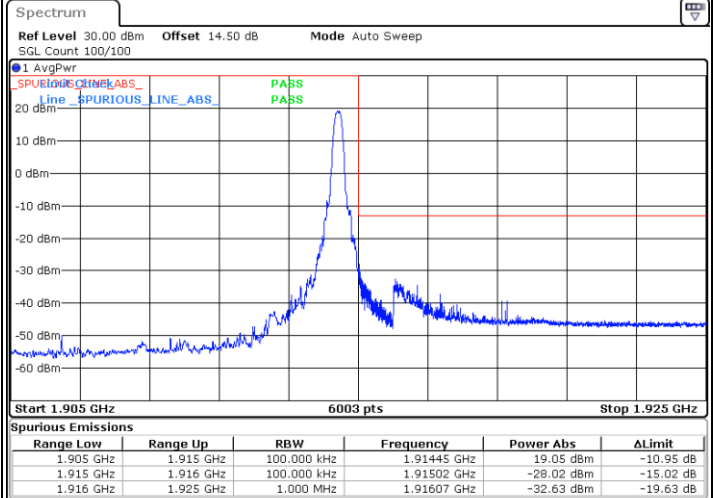
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



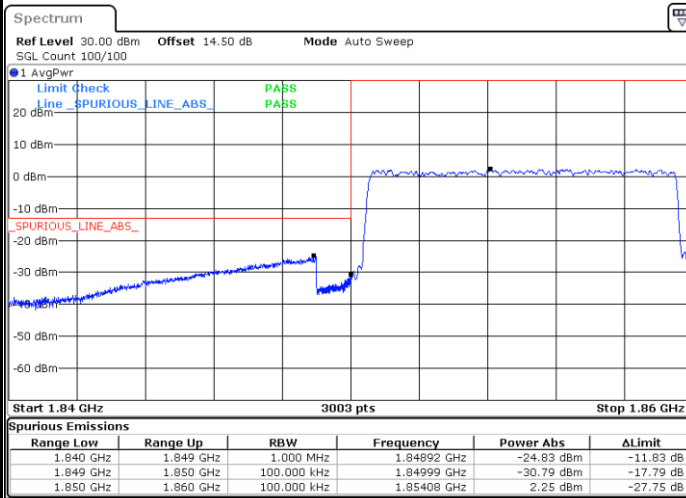
Date: 6.MAR.2024 02:21:50

Highest Band Edge / 1 RB



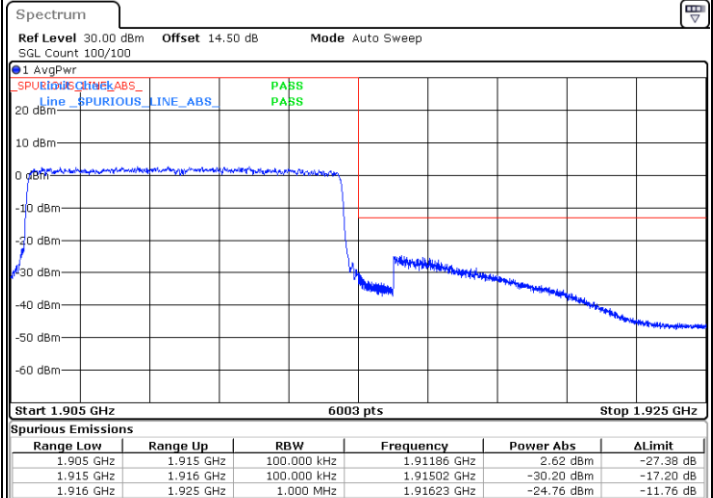
Date: 6.MAR.2024 02:29:35

Lowest Band Edge / Full RB



Date: 6.MAR.2024 02:24:07

Highest Band Edge / Full RB

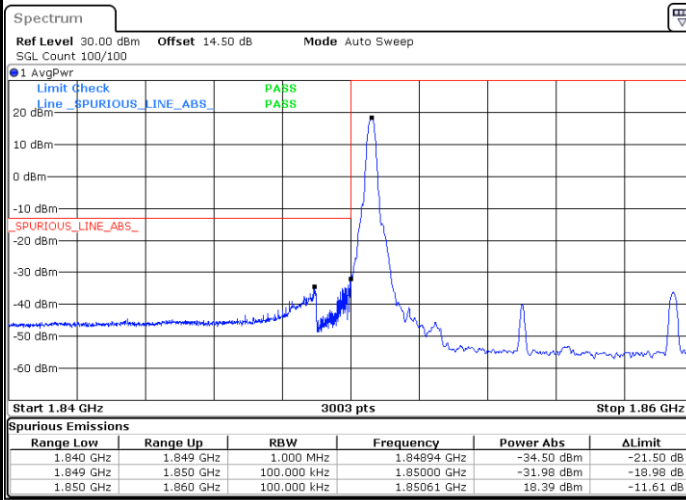


Date: 6.MAR.2024 02:31:52

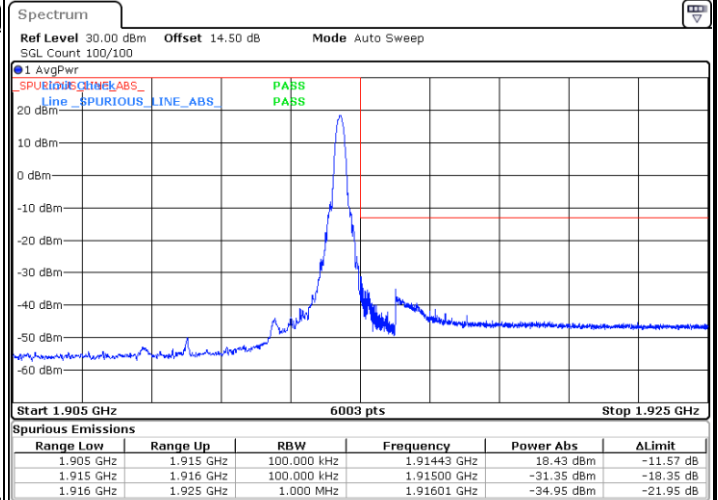


LTE Band 25 / 10MHz / 64QAM

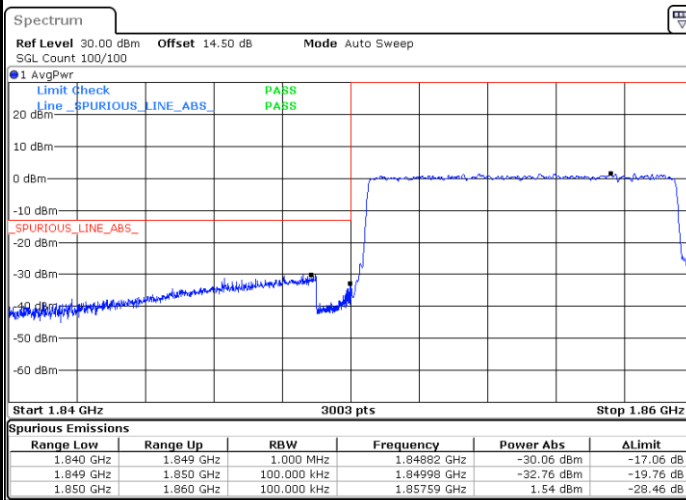
Lowest Band Edge / 1 RB



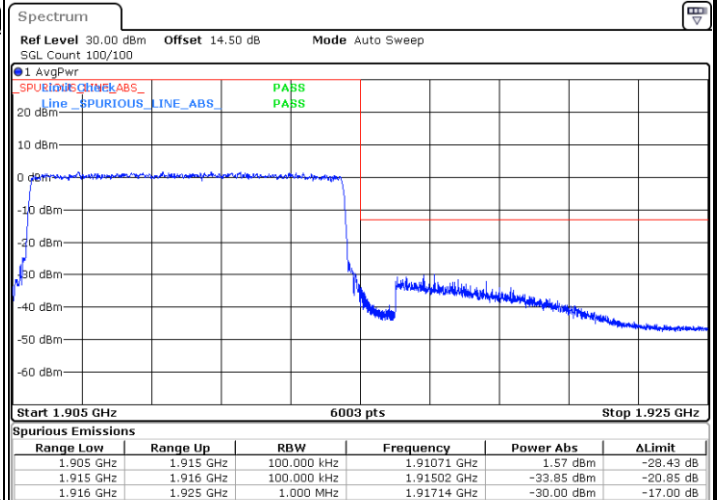
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



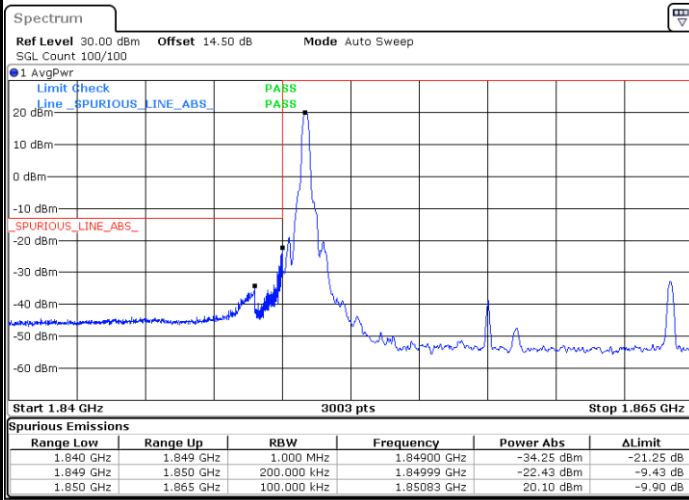
Highest Band Edge / Full RB



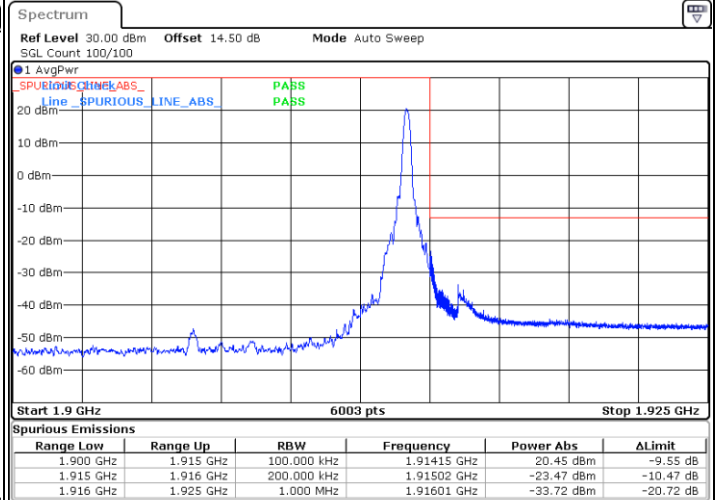


LTE Band 25 / 15MHz / QPSK

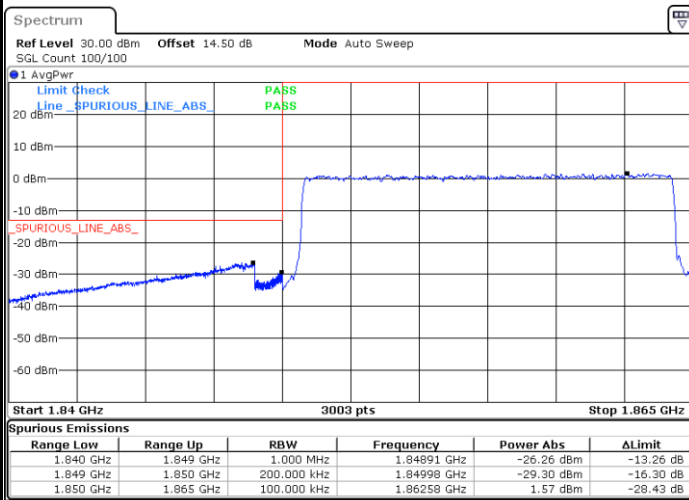
Lowest Band Edge / 1RB



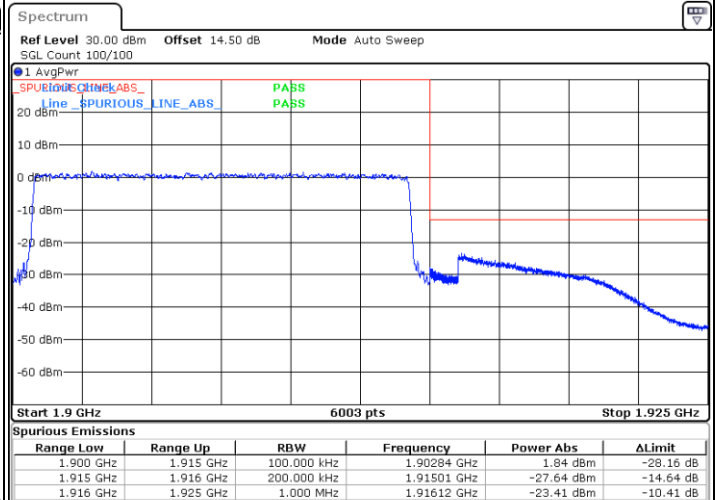
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



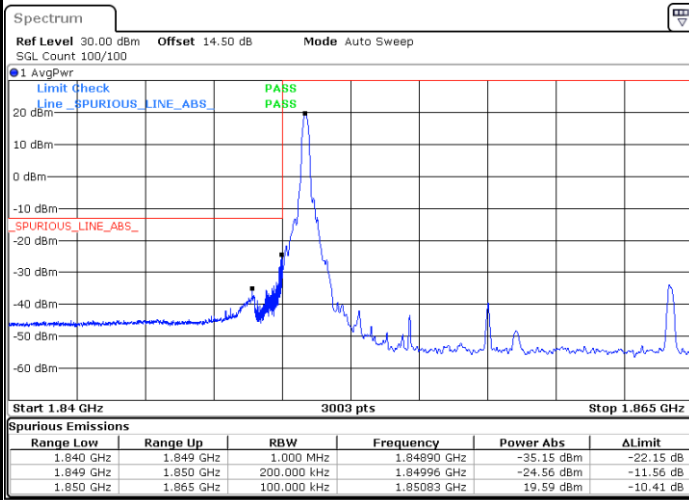
Highest Band Edge / Full RB



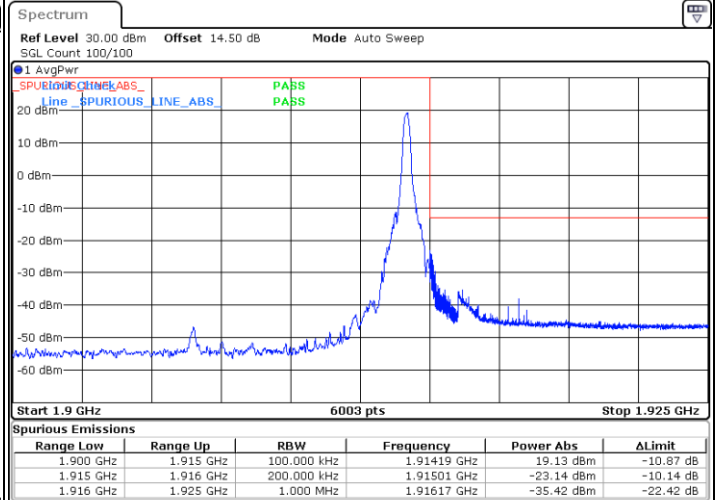


LTE Band 25 / 15MHz / 16QAM

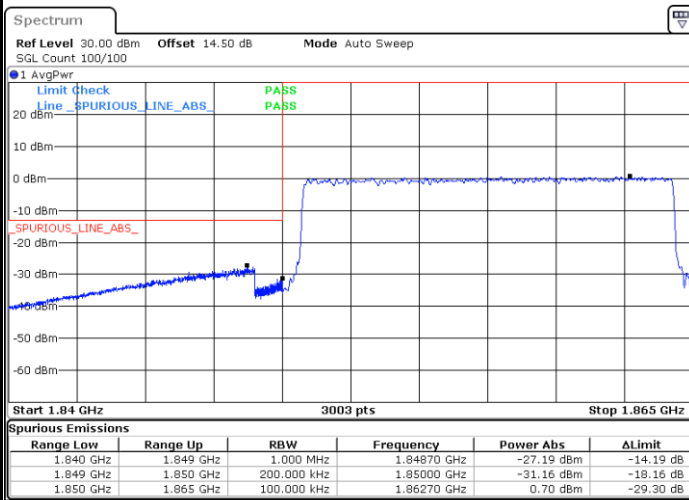
Lowest Band Edge / 1 RB



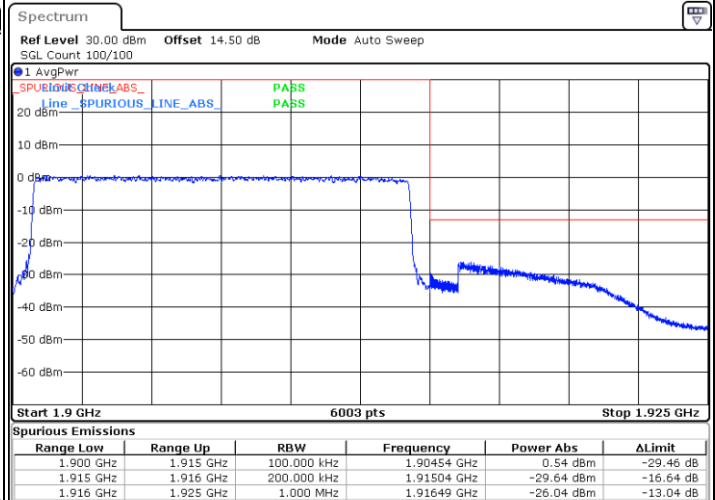
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



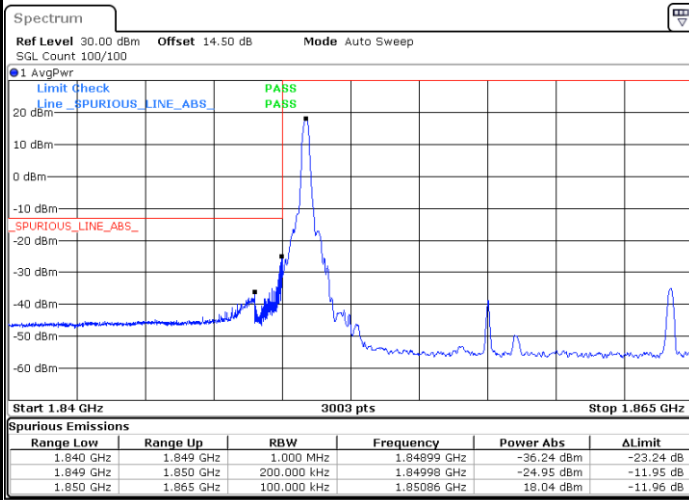
Highest Band Edge / Full RB



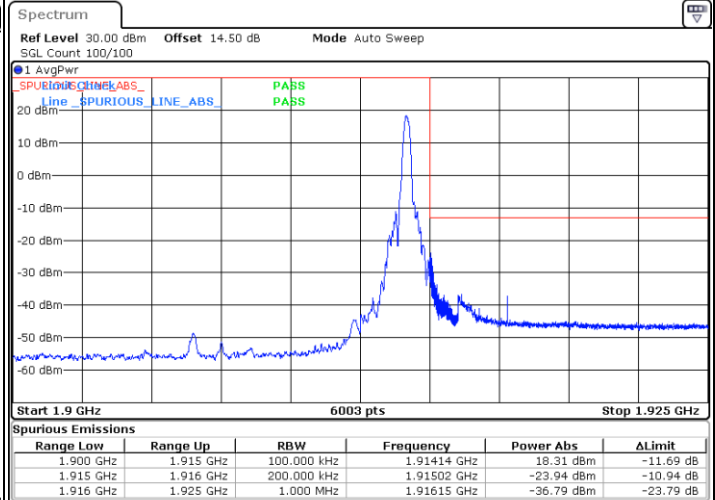


LTE Band 25 / 15MHz / 64QAM

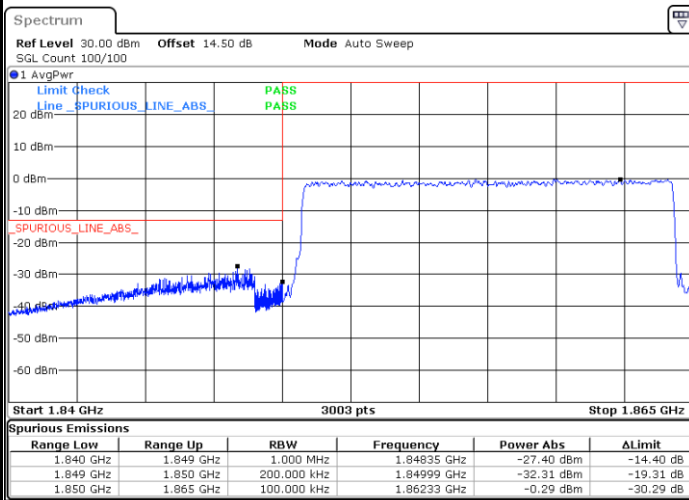
Lowest Band Edge / 1 RB



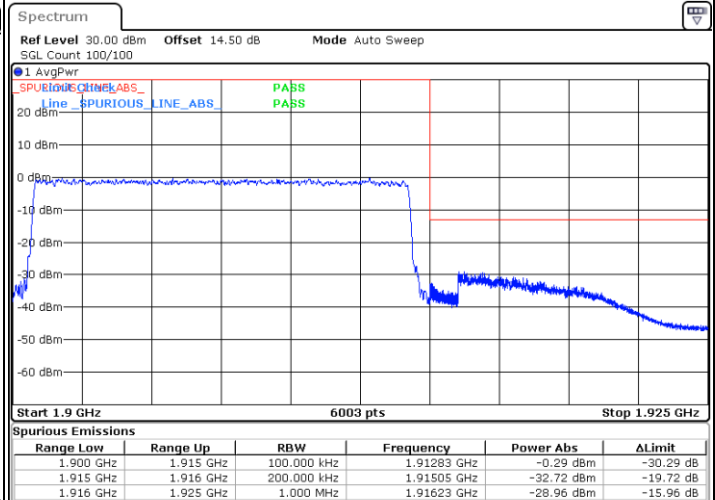
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



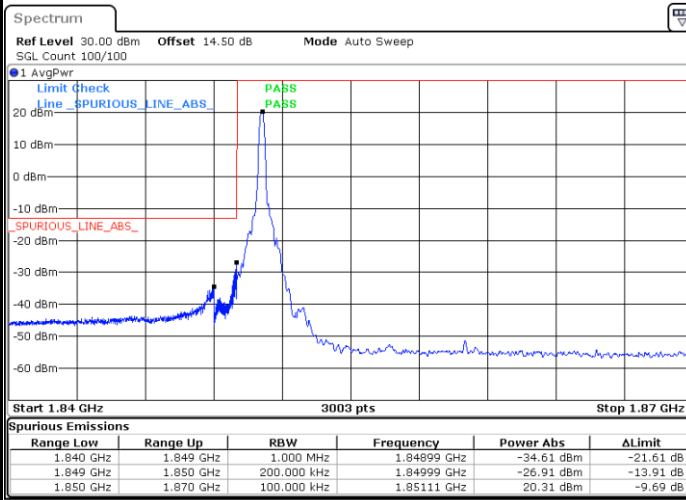
Highest Band Edge / Full RB





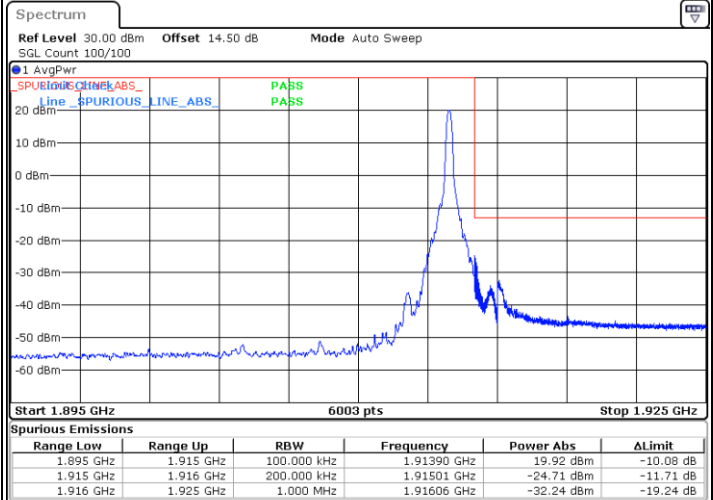
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1RB



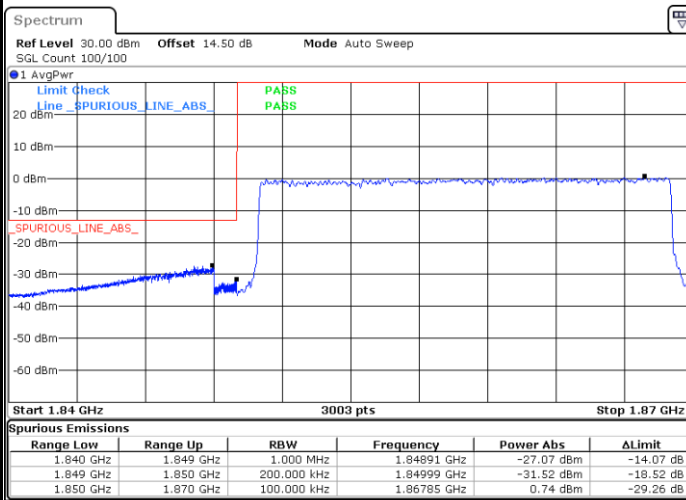
Date: 6.MAR.2024 02:48:59

Highest Band Edge / 1RB



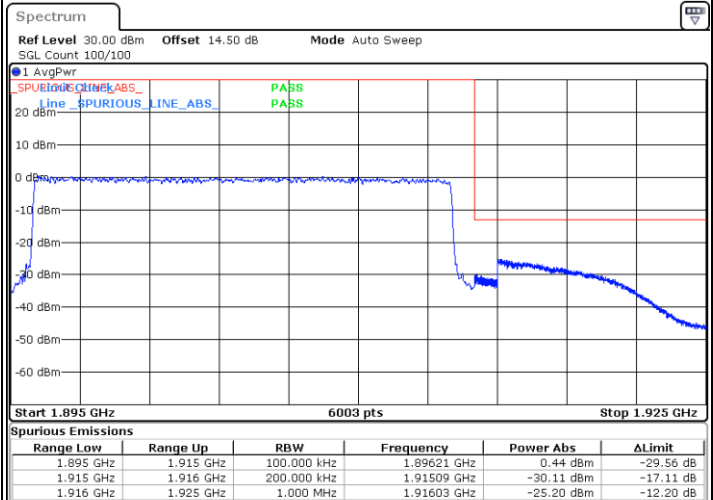
Date: 6.MAR.2024 02:58:07

Lowest Band Edge / Full RB



Date: 6.MAR.2024 02:52:48

Highest Band Edge / Full RB



Date: 6.MAR.2024 03:01:55