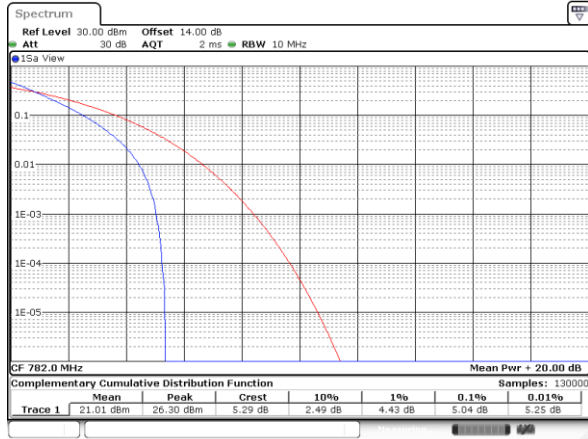




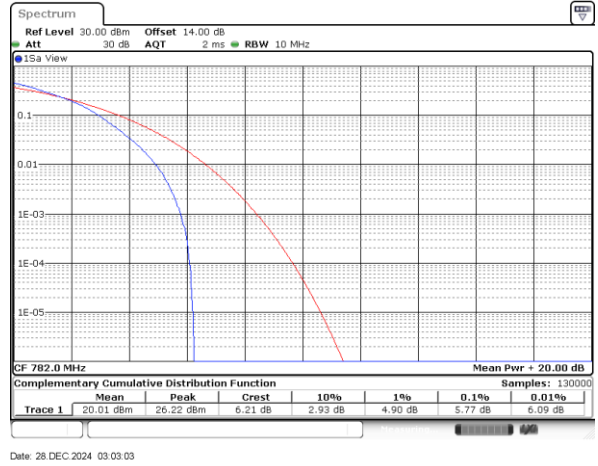
LTE Band 13 / 10MHz / QPSK

Middle Channel / Full RB



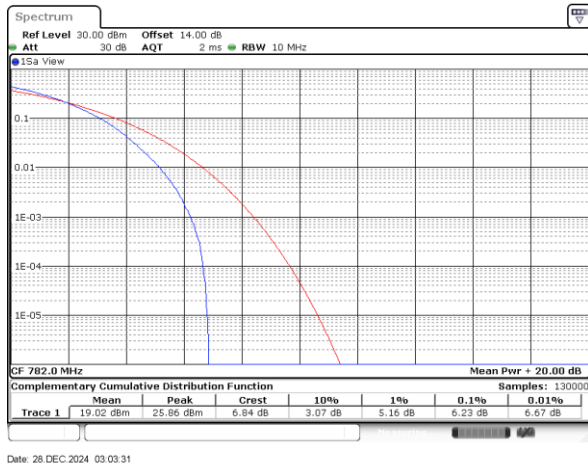
LTE Band 13 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 13 / 10MHz / 64QAM

Middle Channel / Full RB





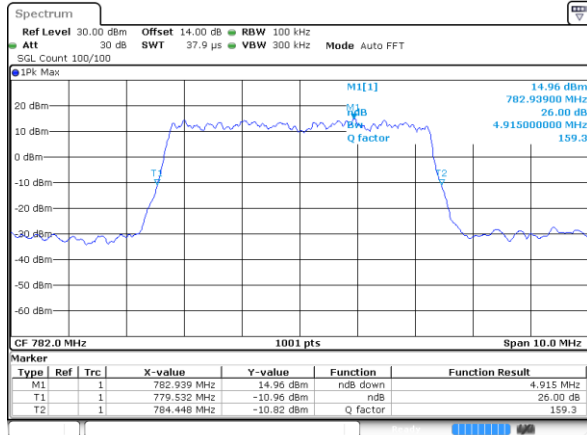
26dB Bandwidth

Mode	LTE Band 13 : 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	-	-	-	-	4.92	4.84	9.77	9.87	-	-	-	-



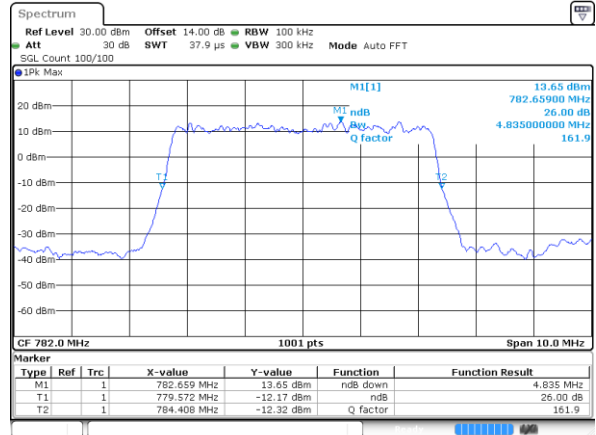
LTE Band 13

Middle Channel / 5MHz / QPSK



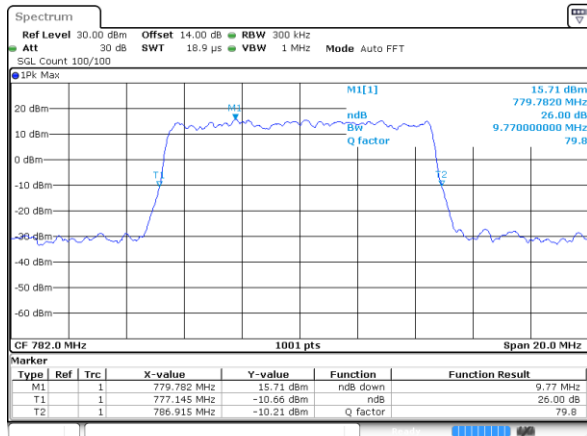
Date: 28 DEC 2024 02:41:52

Middle Channel / 5MHz / 16QAM



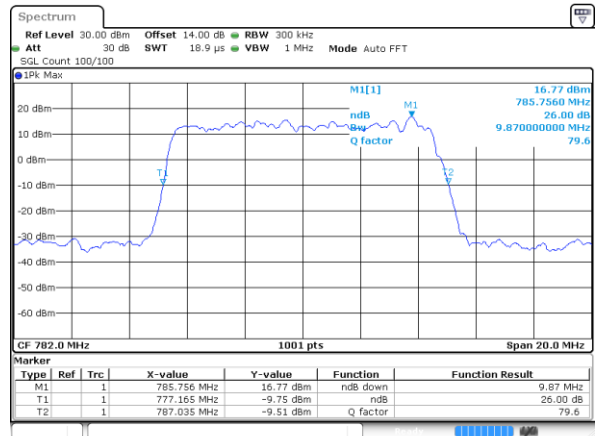
Date: 28 DEC 2024 02:42:32

Middle Channel / 10MHz / QPSK



Date: 28 DEC 2024 03:01:30

Middle Channel / 10MHz / 16QAM



Date: 28 DEC 2024 03:02:09



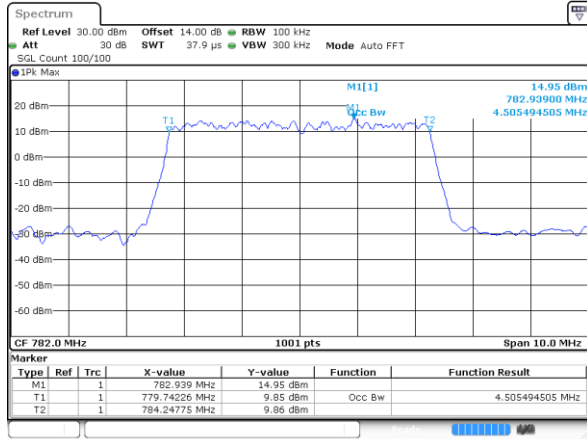
Occupied Bandwidth

Mode	LTE Band 13 : 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	-	-	-	-	4.51	4.50	9.03	9.07	-	-	-	-

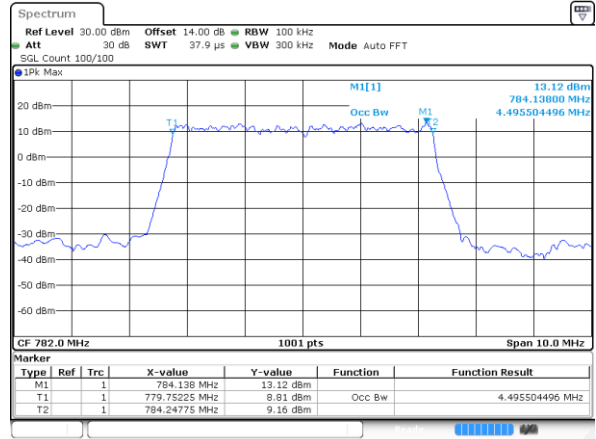


LTE Band 13

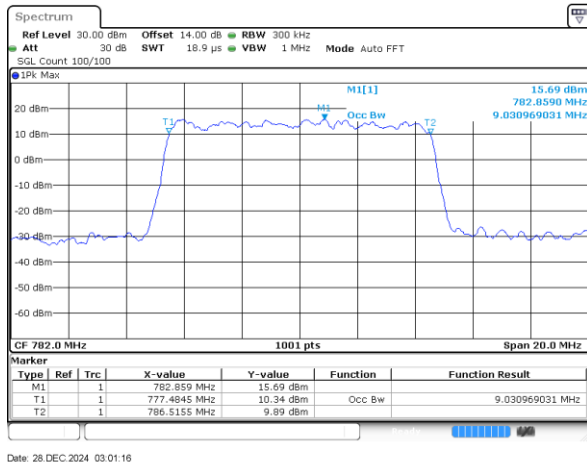
Middle Channel / 5MHz / QPSK



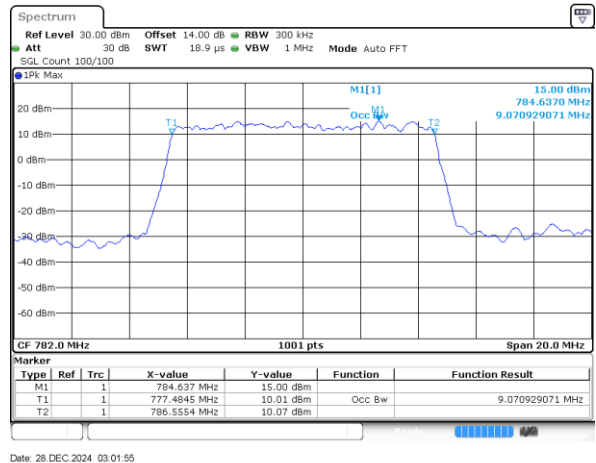
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

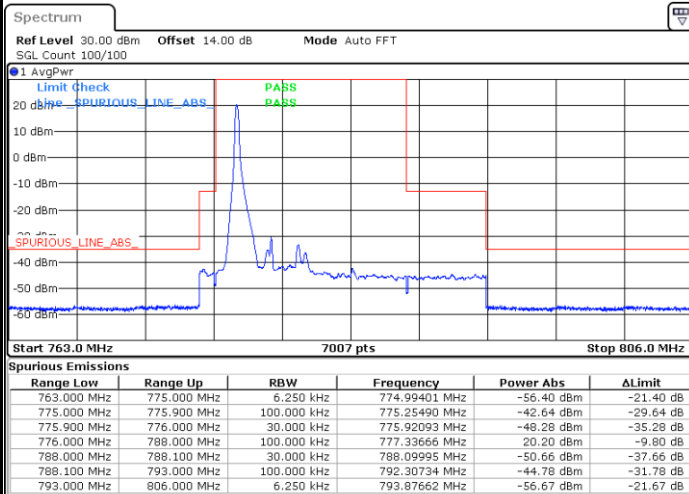




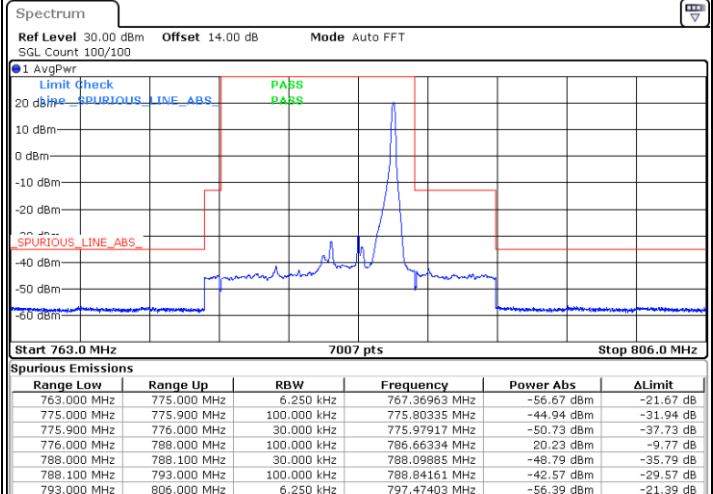
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

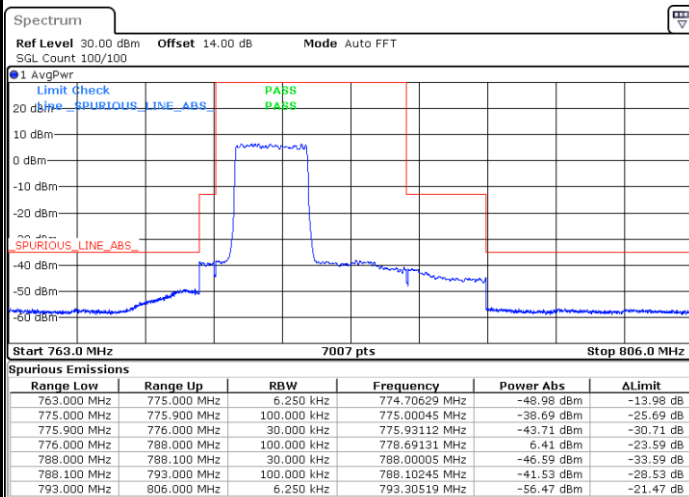
Lowest Band Edge / 1 RB



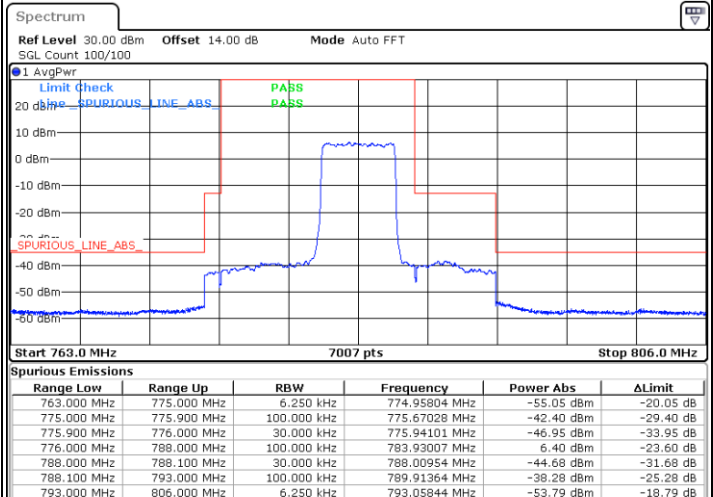
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



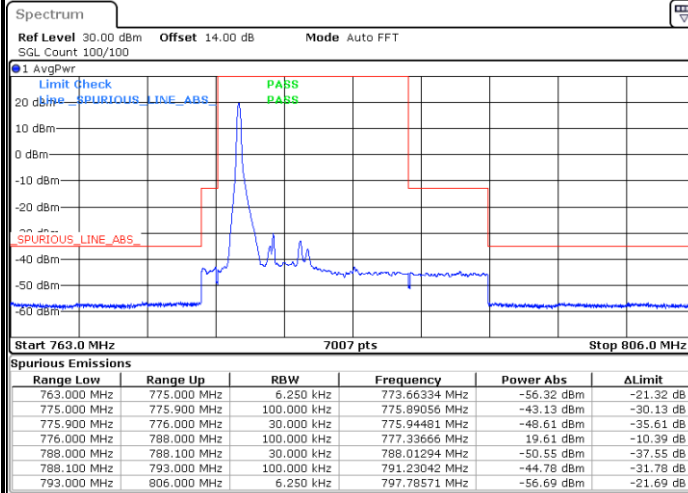
Highest Band Edge / Full RB





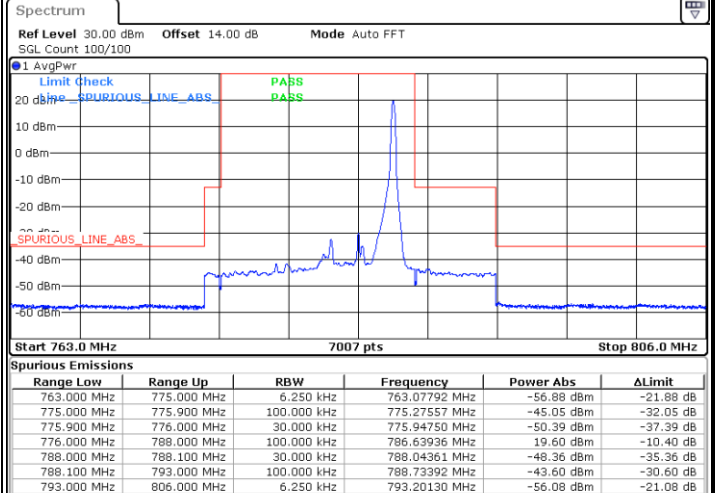
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



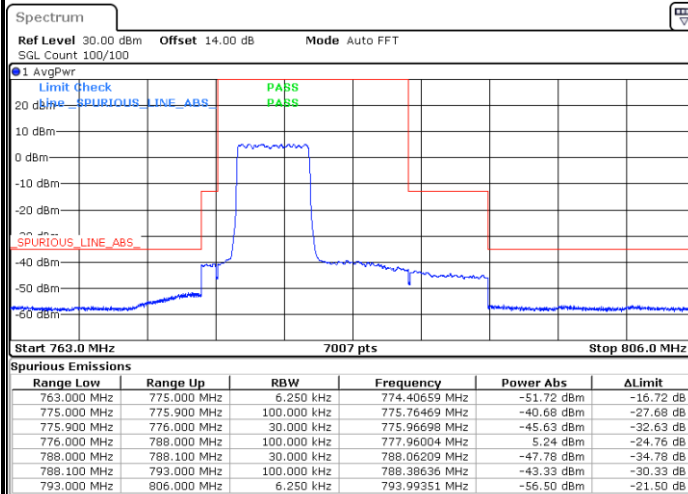
Date: 28 DEC 2024 02:35:19

Highest Band Edge / 1 RB



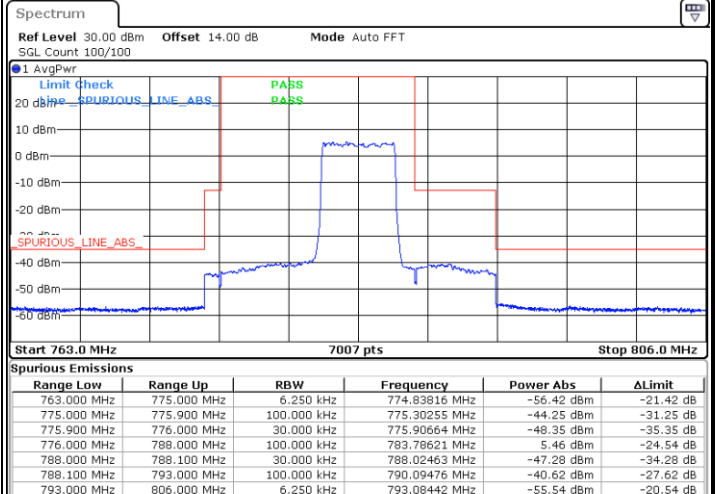
Date: 28 DEC 2024 02:44:23

Lowest Band Edge / Full RB



Date: 28 DEC 2024 02:38:07

Highest Band Edge / Full RB

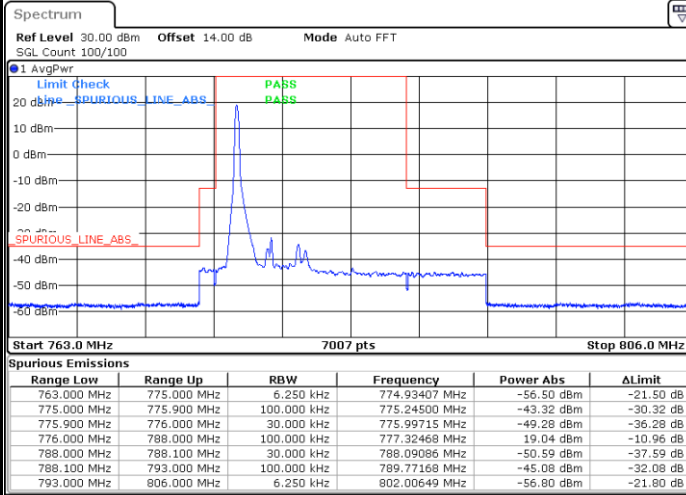


Date: 28 DEC 2024 02:47:10



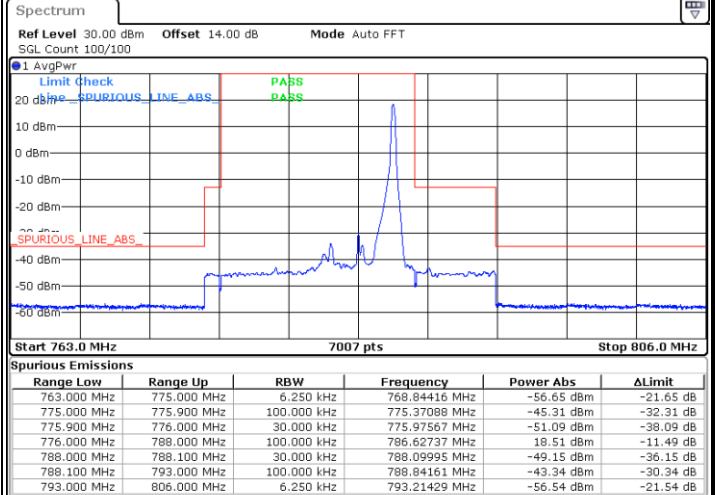
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



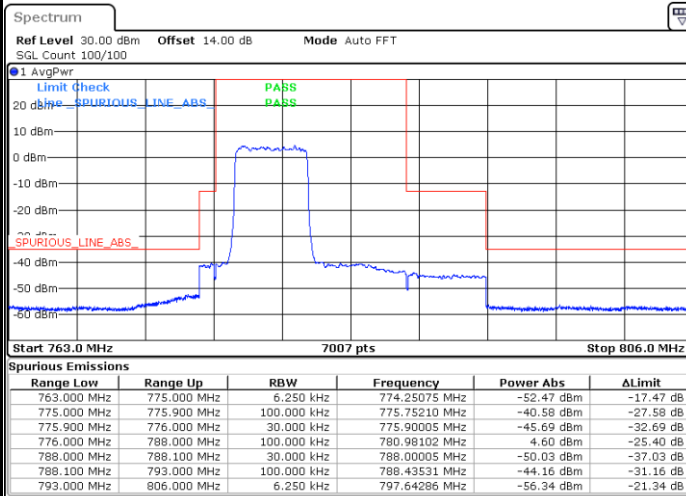
Date: 28 DEC 2024 02:36:15

Highest Band Edge / 1 RB



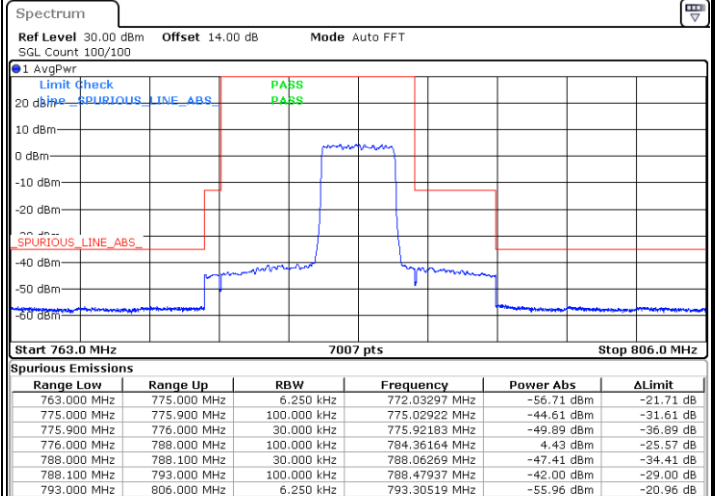
Date: 28 DEC 2024 02:45:18

Lowest Band Edge / Full RB



Date: 28 DEC 2024 02:39:02

Highest Band Edge / Full RB

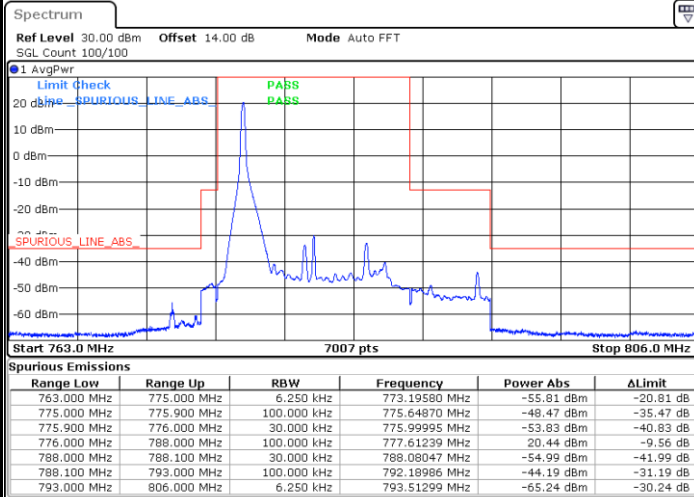


Date: 28 DEC 2024 02:48:06



LTE Band 13 / 10MHz / QPSK

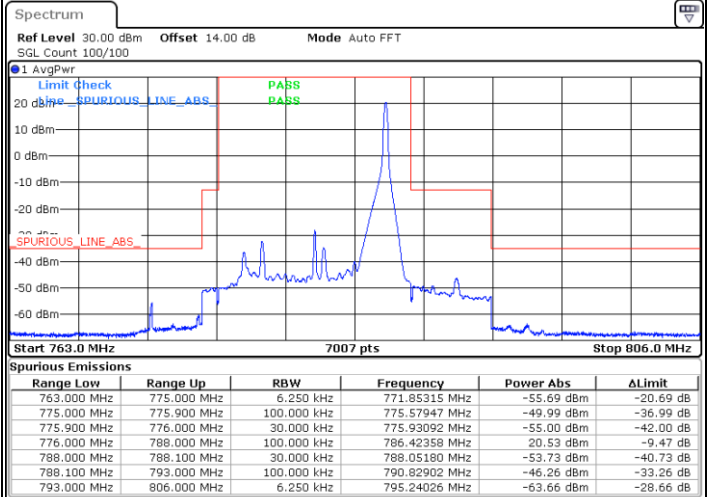
Band Edge / 1 RB



Date: 28 DEC 2024 02:50:52

LTE Band 13 / 10MHz / QPSK

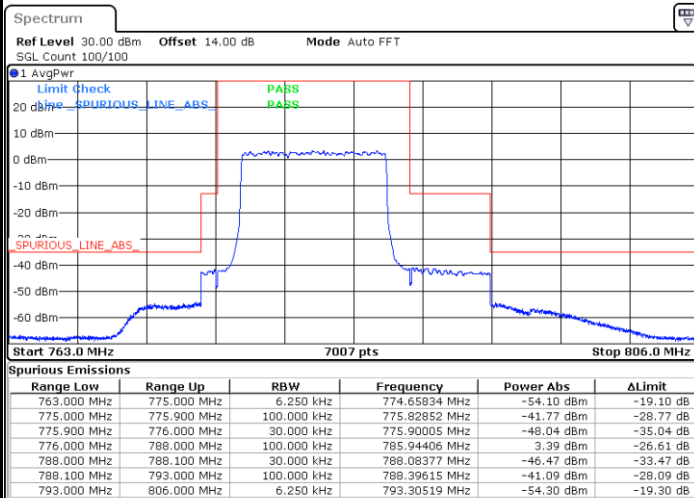
Band Edge / 1 RB



Date: 28 DEC 2024 02:53:38

LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB



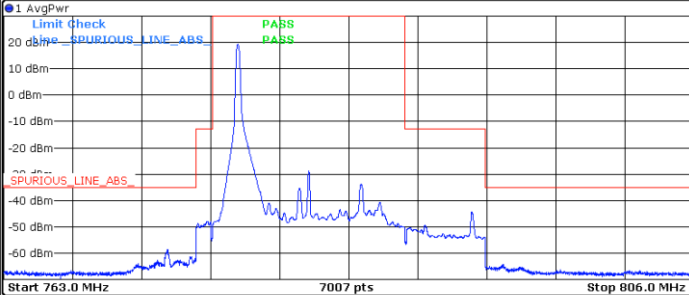
Date: 28 DEC 2024 02:56:24



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

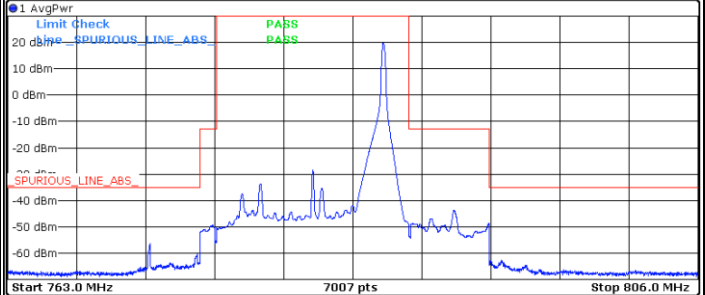
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-58.57 dBm	-23.57 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.68107 MHz	-47.99 dBm	-34.99 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-54.14 dBm	-41.14 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	19.22 dBm	-10.78 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07398 MHz	-55.70 dBm	-42.70 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.16538 MHz	-44.28 dBm	-31.28 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.11039 MHz	-64.27 dBm	-29.27 dB

Date: 28 DEC 2024 02:51:47

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

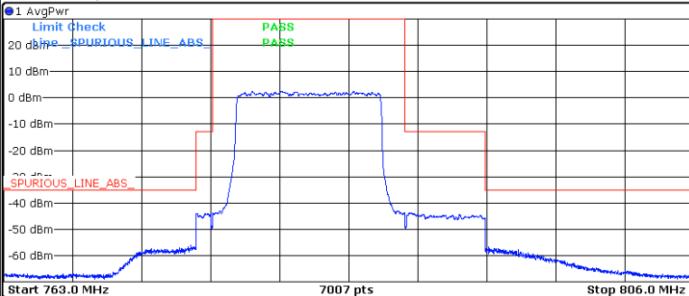
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-56.49 dBm	-21.49 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76738 MHz	-49.57 dBm	-36.57 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97338 MHz	-55.45 dBm	-42.45 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	19.67 dBm	-10.33 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01134 MHz	-53.69 dBm	-40.69 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80455 MHz	-43.75 dBm	-30.75 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.74675 MHz	-62.80 dBm	-27.80 dB

Date: 28 DEC 2024 02:54:33

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	774.65834 MHz	-56.01 dBm	-21.01 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-44.01 dBm	-31.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94241 MHz	-48.72 dBm	-35.72 dB
776.000 MHz	788.000 MHz	100.000 kHz	784.79321 MHz	2.47 dBm	-27.53 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07967 MHz	-48.97 dBm	-35.97 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.26399 MHz	-43.73 dBm	-30.73 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.18831 MHz	-56.79 dBm	-21.79 dB

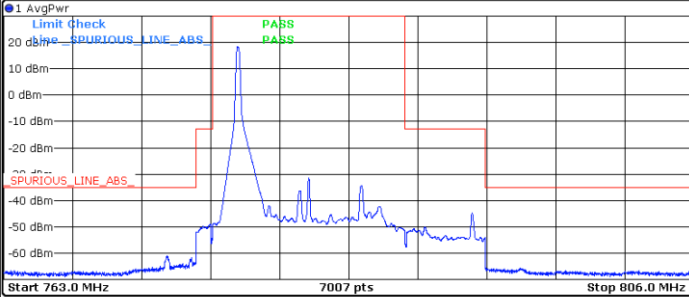
Date: 28 DEC 2024 02:57:19



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

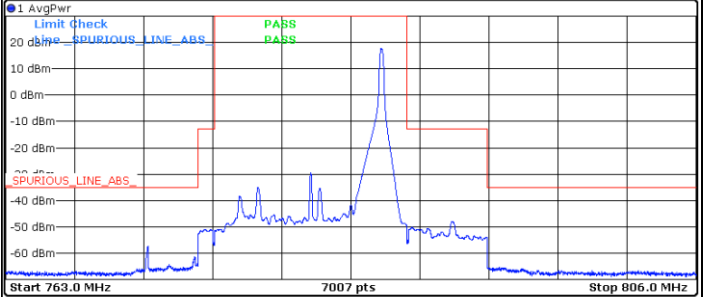
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-61.05 dBm	-26.05 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88067 MHz	-48.93 dBm	-35.93 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97787 MHz	-54.42 dBm	-41.42 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	-18.39 dBm	-11.61 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00005 MHz	-56.39 dBm	-43.39 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.17028 MHz	-44.79 dBm	-31.79 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.18831 MHz	-65.83 dBm	-30.83 dB

Date: 28 DEC 2024 02:52:43

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

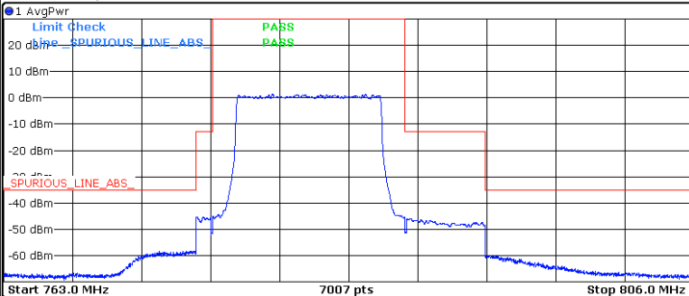
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-57.36 dBm	-22.36 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.41134 MHz	-50.90 dBm	-37.90 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94720 MHz	-56.06 dBm	-43.06 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	-17.58 dBm	-12.42 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04171 MHz	-54.98 dBm	-41.98 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80944 MHz	-47.93 dBm	-34.93 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.74675 MHz	-65.50 dBm	-30.50 dB

Date: 28 DEC 2024 02:55:29

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	774.79021 MHz	-58.22 dBm	-23.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-45.35 dBm	-32.35 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93741 MHz	-51.32 dBm	-38.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.74625 MHz	-1.50 dBm	-28.50 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07877 MHz	-50.65 dBm	-37.65 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-45.96 dBm	-32.96 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.12338 MHz	-59.91 dBm	-24.91 dB

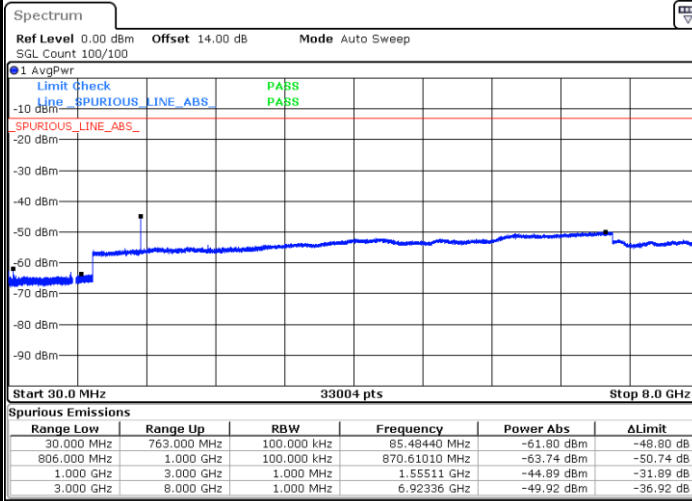
Date: 28 DEC 2024 02:58:15



Conducted Spurious Emission

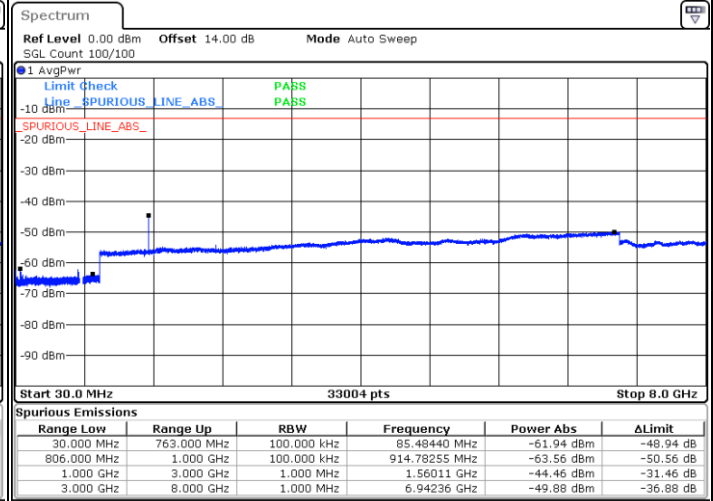
LTE Band 13 / 5MHz

Lowest Channel / QPSK



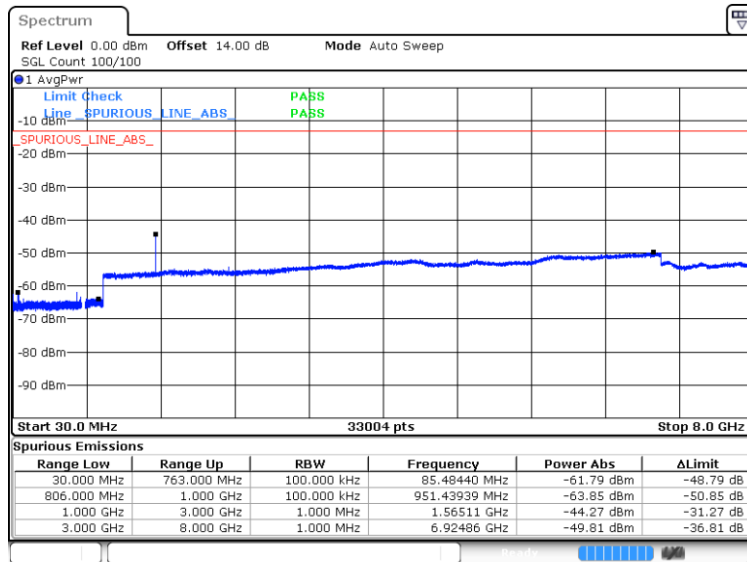
Date: 28 DEC 2024 02:40:08

Middle Channel / QPSK



Date: 28 DEC 2024 02:41:12

Highest Channel / QPSK

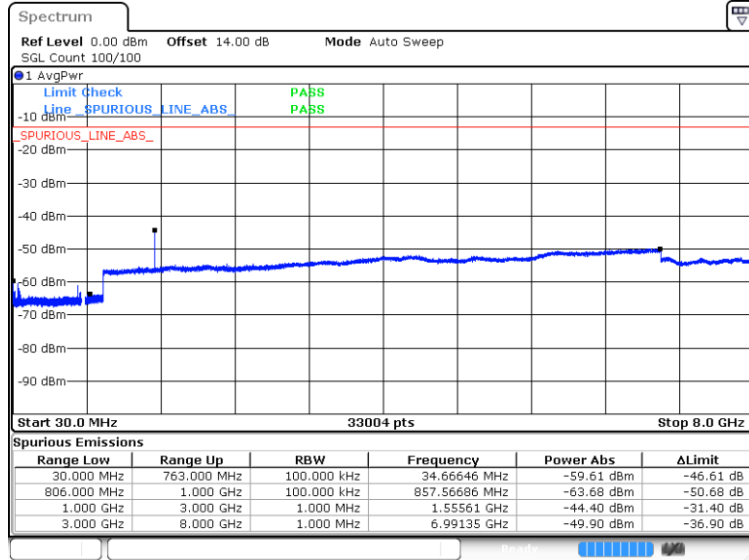


Date: 28 DEC 2024 02:49:11



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28 DEC 2024 03:00:50

**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	0.0097	PASS
40	Normal Voltage	0.0107	
30	Normal Voltage	0.0093	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0107	
0	Normal Voltage	0.0086	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0139	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0105	

Note:

1. Normal Voltage = 3.91V ; Minimum Voltage = 3.6 V ; Maximum Voltage =4.5 V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

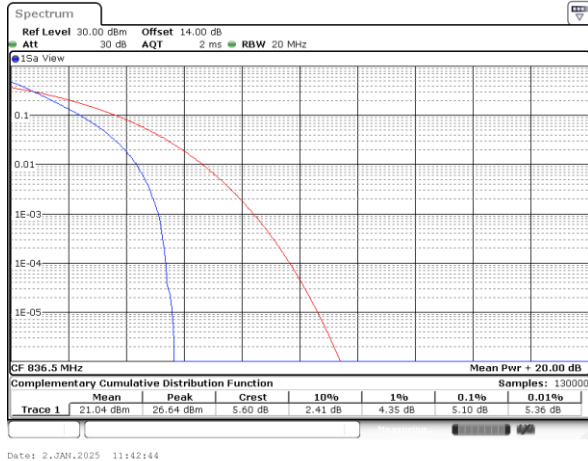
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.10	5.91	6.12	PASS



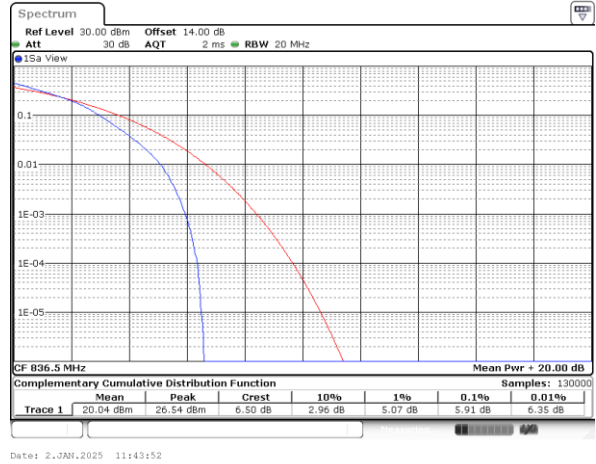
LTE Band 26 / 15MHz / QPSK

Middle Channel / Full RB



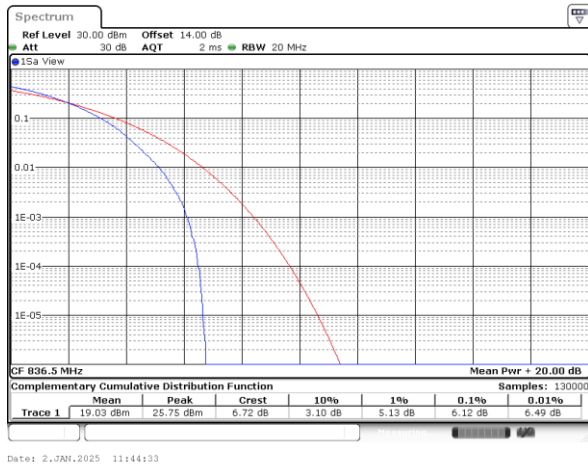
LTE Band 26 / 15MHz / 16QAM

Middle Channel / Full RB



LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB





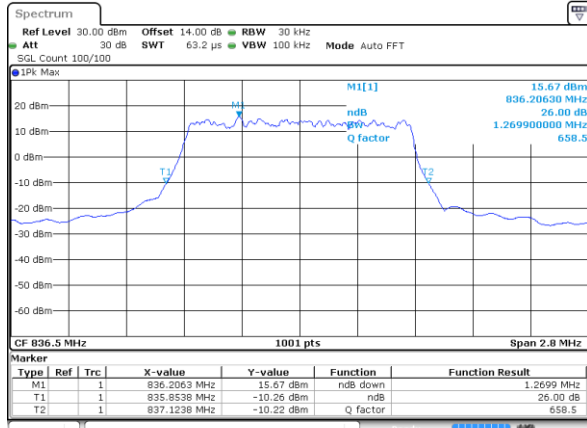
26dB Bandwidth

Mode	LTE Band 26 : 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	1.27	1.28	3.02	2.97	4.85	4.86	9.71	9.87	14.36	14.30	-	-



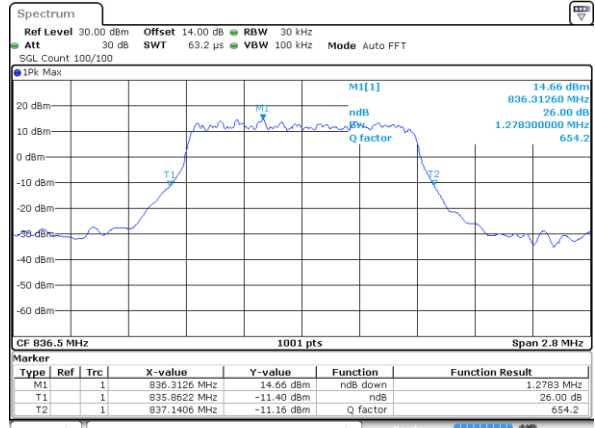
LTE Band 26

Middle Channel / 1.4MHz / QPSK



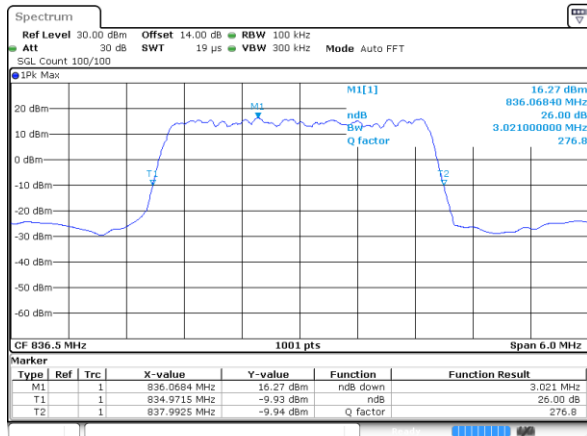
Date: 28 DEC 2024 03:12:46

Middle Channel / 1.4MHz / 16QAM



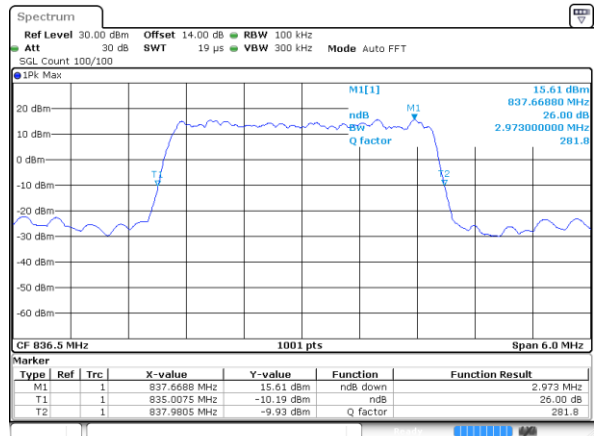
Date: 28 DEC 2024 03:13:26

Middle Channel / 3MHz / QPSK



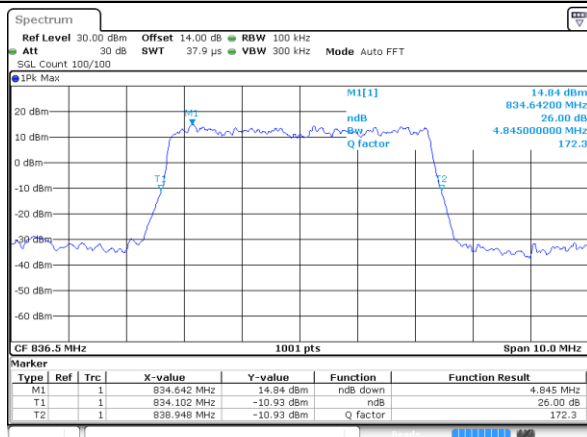
Date: 28 DEC 2024 03:29:17

Middle Channel / 3MHz / 16QAM



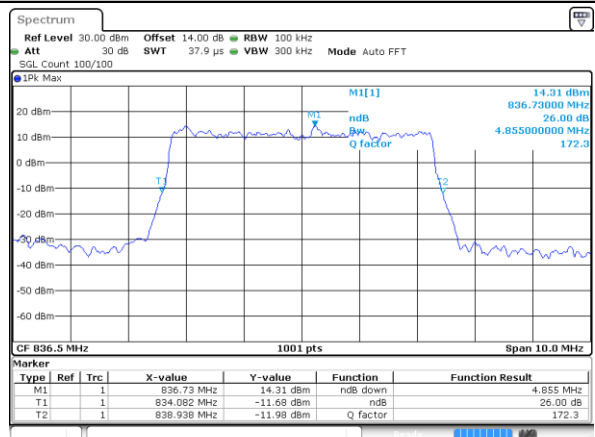
Date: 28 DEC 2024 03:29:57

Middle Channel / 5MHz / QPSK



Date: 28 DEC 2024 03:45:54

Middle Channel / 5MHz / 16QAM

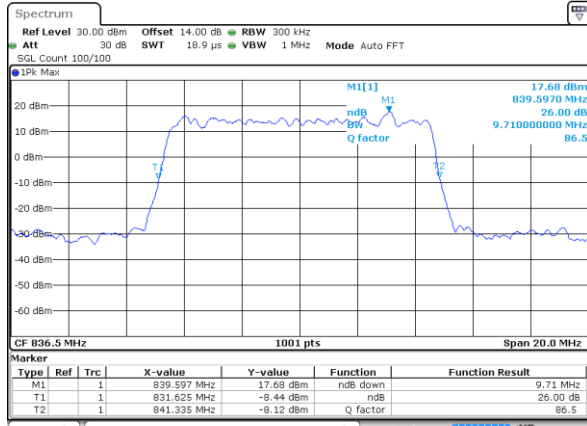


Date: 28 DEC 2024 03:46:35



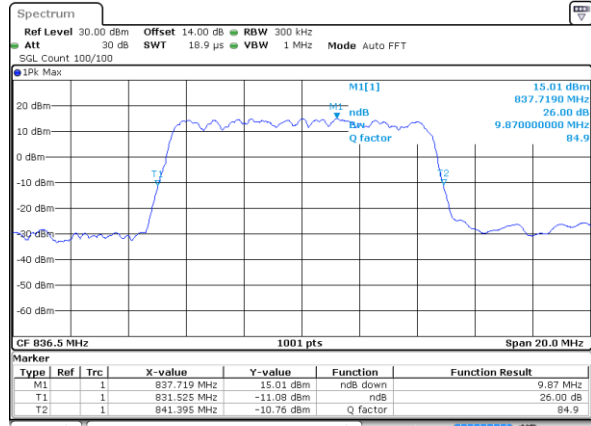
LTE Band 26

Middle Channel / 10MHz / QPSK



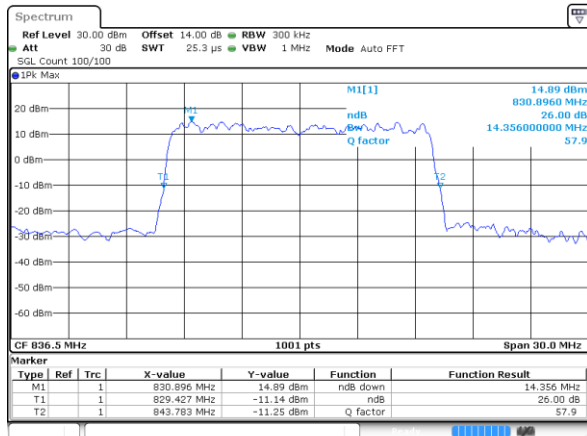
Date: 28 DEC 2024 04:02:24

Middle Channel / 10MHz / 16QAM



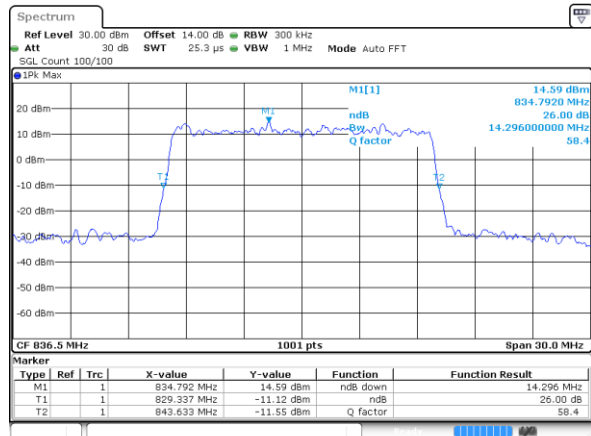
Date: 28 DEC 2024 04:03:04

Middle Channel / 15MHz / QPSK



Date: 28 DEC 2024 04:18:50

Middle Channel / 15MHz / 16QAM



Date: 28 DEC 2024 04:19:30



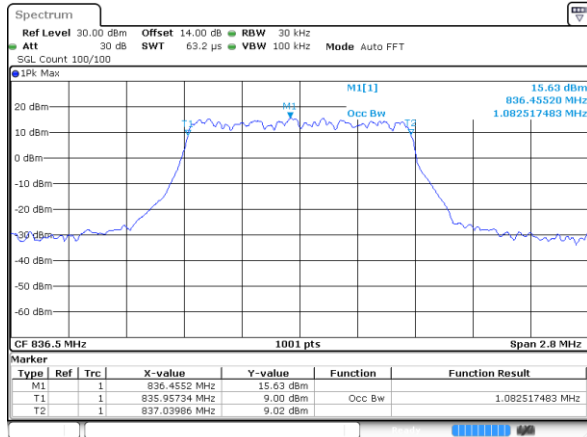
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26790	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.10	2.72	2.70	4.49	4.48	9.05	9.03	13.43	13.46	13.46	13.49

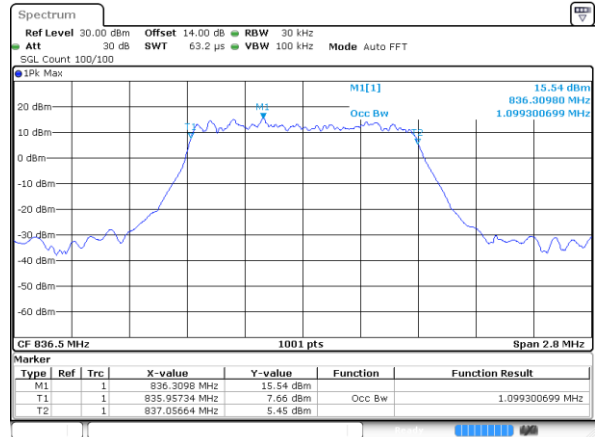


LTE Band 26

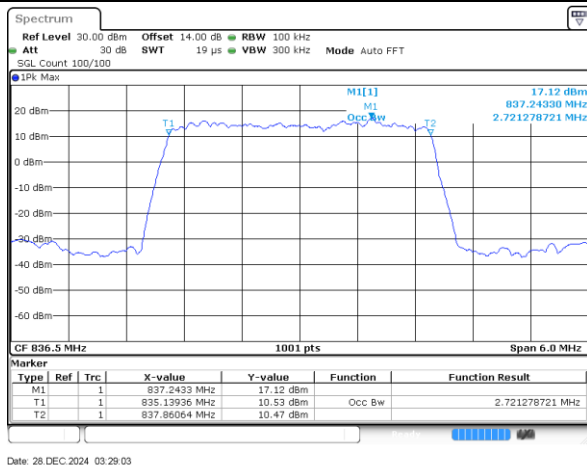
Middle Channel / 1.4MHz / QPSK



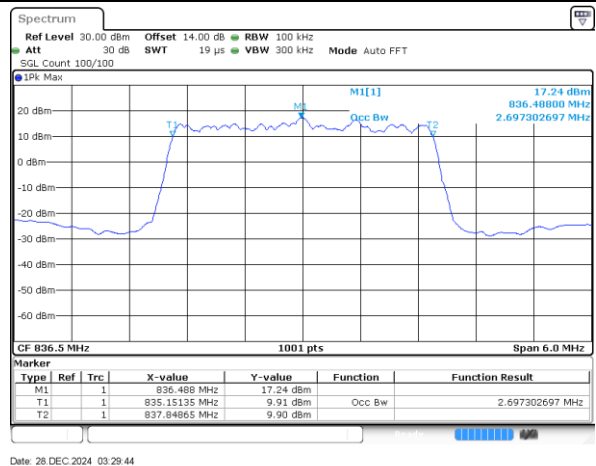
Middle Channel / 1.4MHz / 16QAM



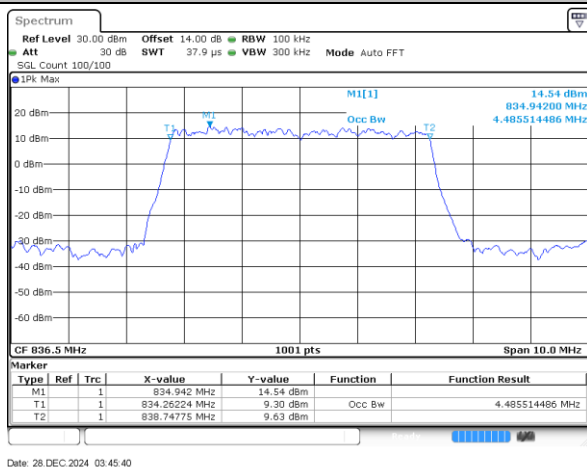
Middle Channel / 3MHz / QPSK



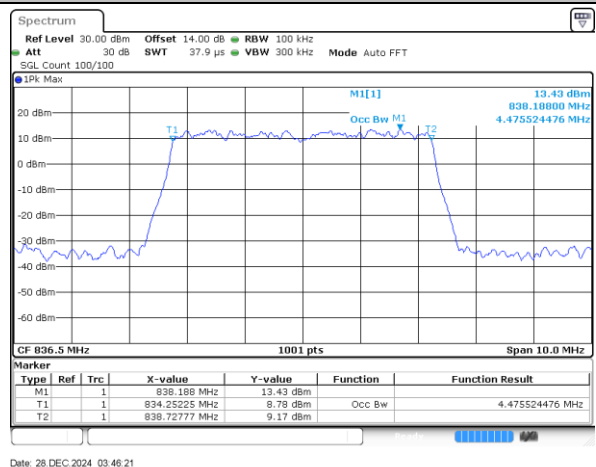
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



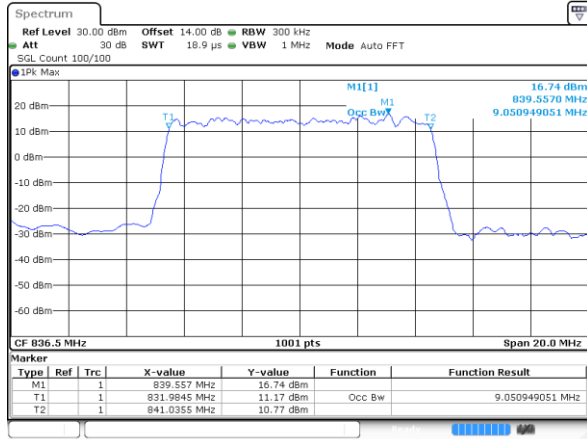
Middle Channel / 5MHz / 16QAM





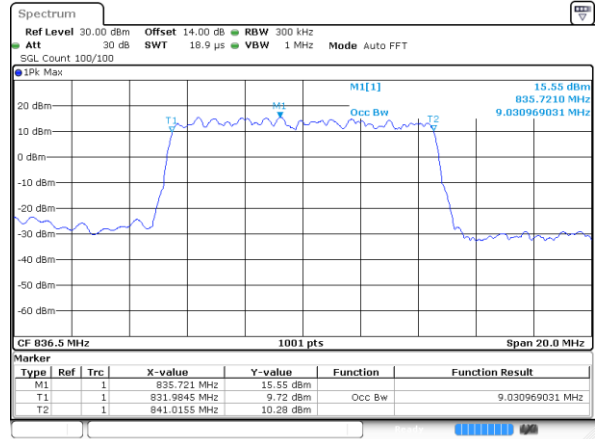
LTE Band 26

Middle Channel / 10MHz / QPSK



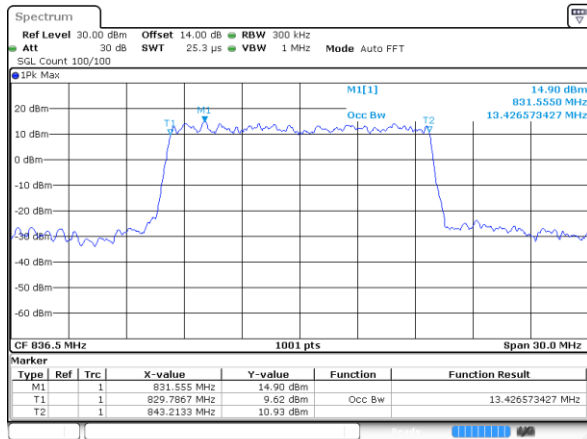
Date: 28 DEC 2024 04:02:10

Middle Channel / 10MHz / 16QAM



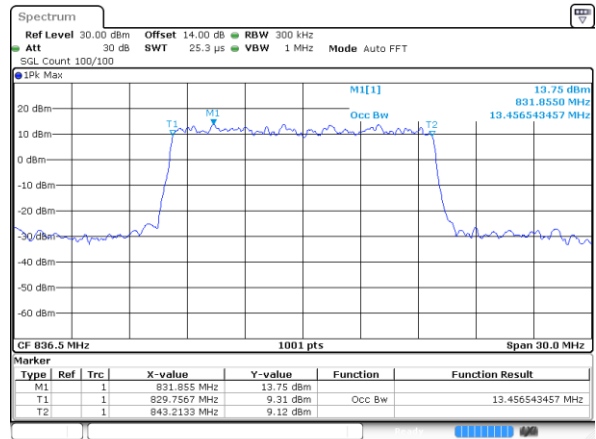
Date: 28 DEC 2024 04:02:51

Middle Channel / 15MHz / QPSK



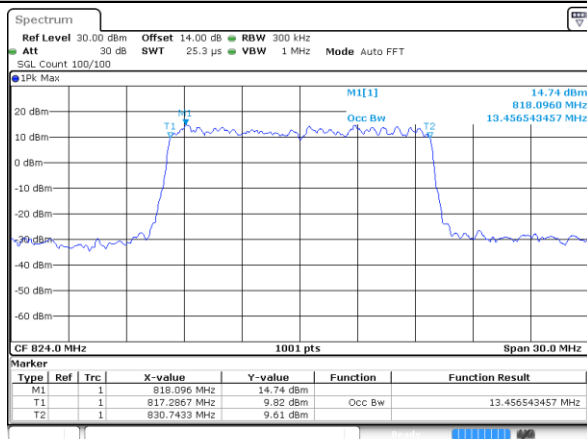
Date: 28 DEC 2024 04:18:38

Middle Channel / 15MHz / 16QAM



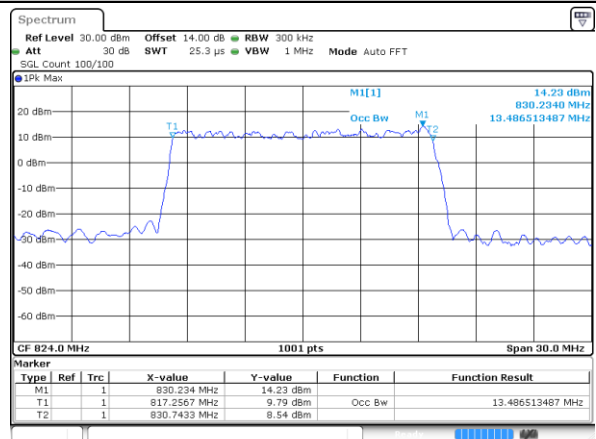
Date: 28 DEC 2024 04:19:16

High Channel / CH26790 / QPSK



Date: 28 DEC 2024 05:33:57

High Channel / CH26790 / 16QAM



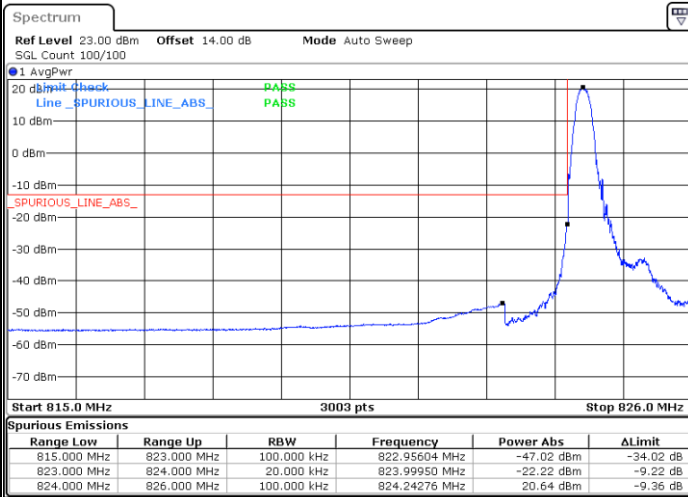
Date: 28 DEC 2024 05:34:52



Conducted Band Edge

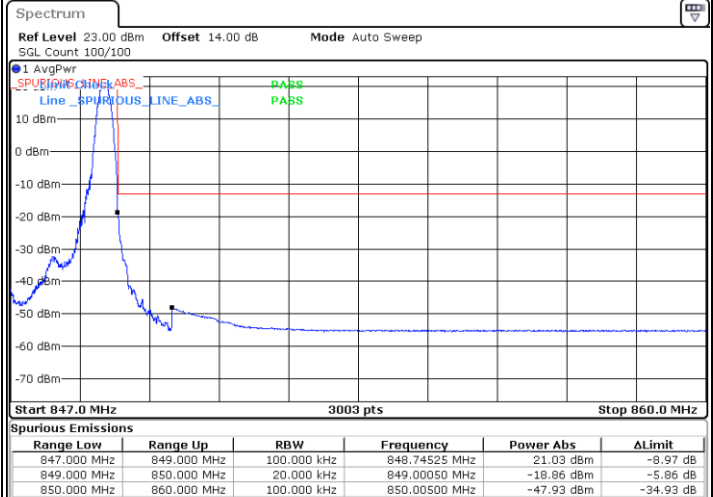
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



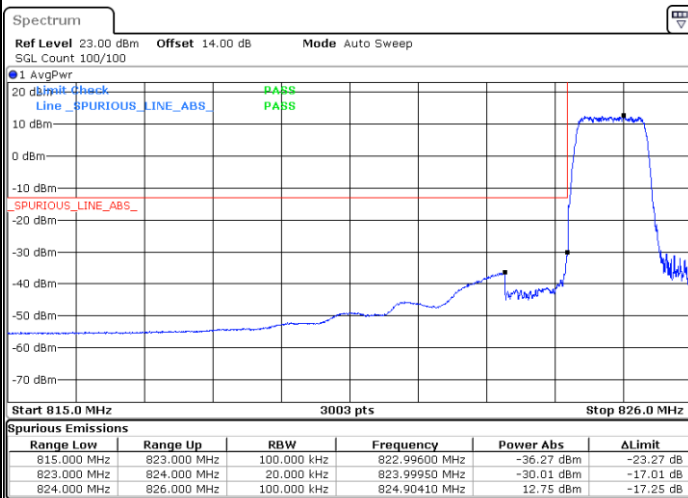
Date: 28 DEC 2024 03:05:16

Highest Band Edge / 1RB



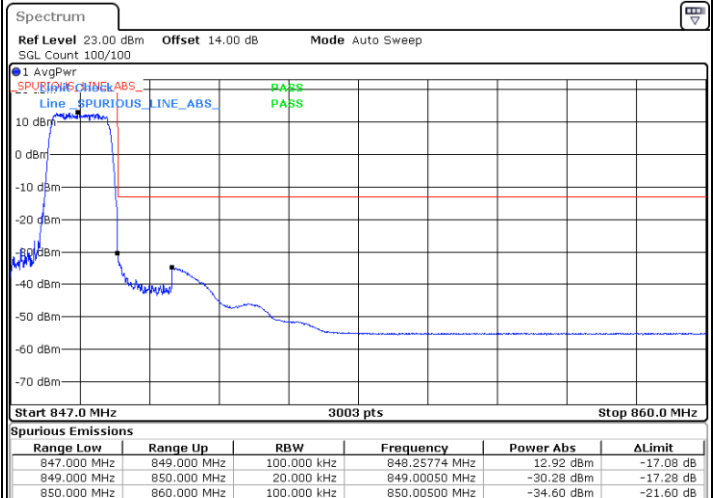
Date: 28 DEC 2024 03:14:22

Lowest Band Edge / Full RB



Date: 28 DEC 2024 03:09:55

Highest Band Edge / Full RB

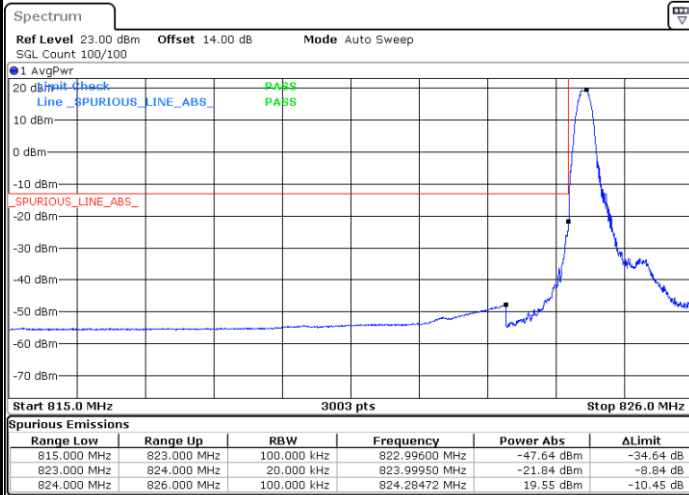


Date: 28 DEC 2024 03:19:01

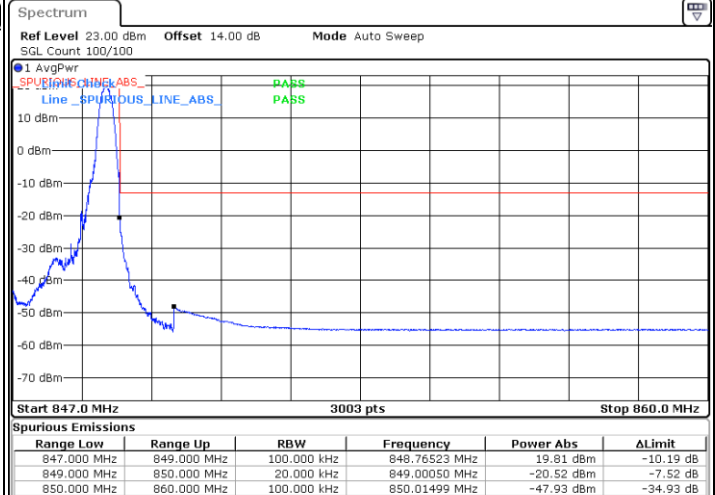


LTE Band 26 / 1.4MHz / 16QAM

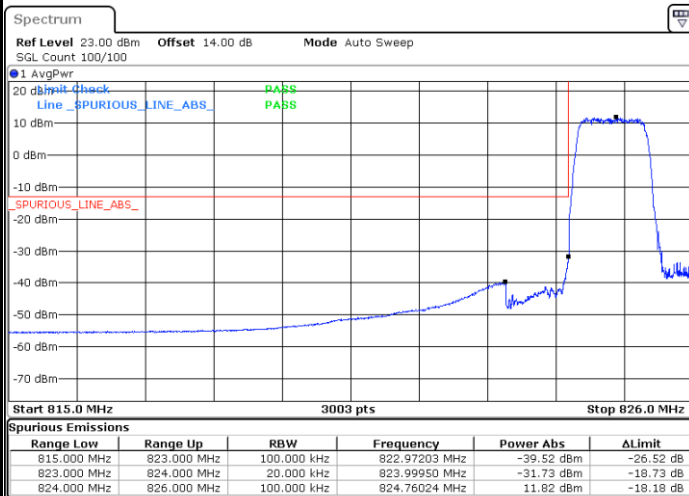
Lowest Band Edge / 1 RB



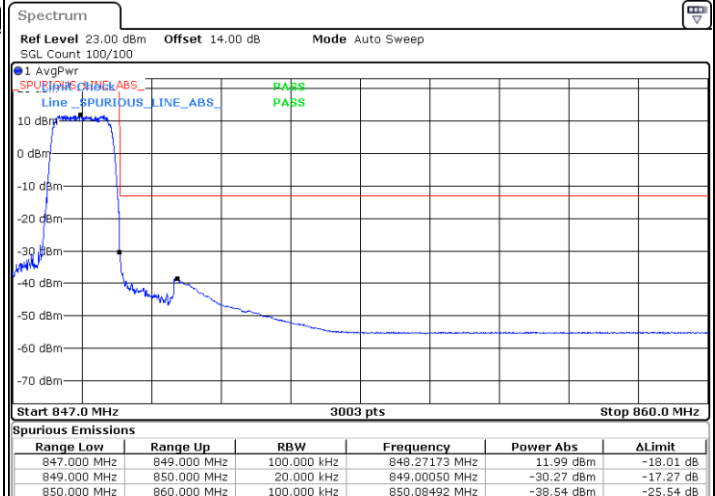
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



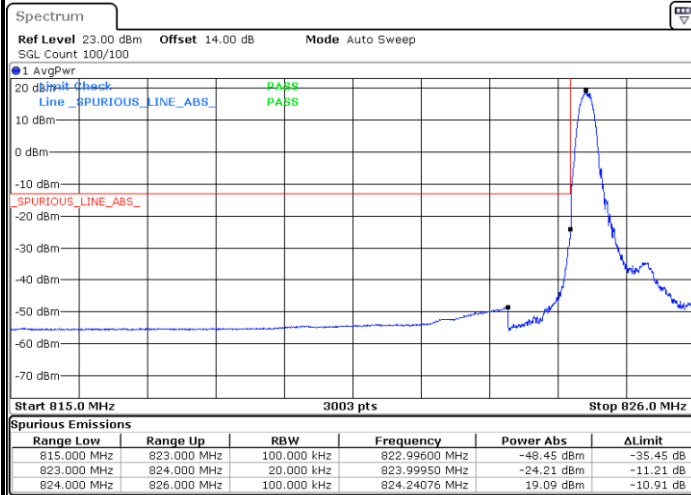
Highest Band Edge / Full RB



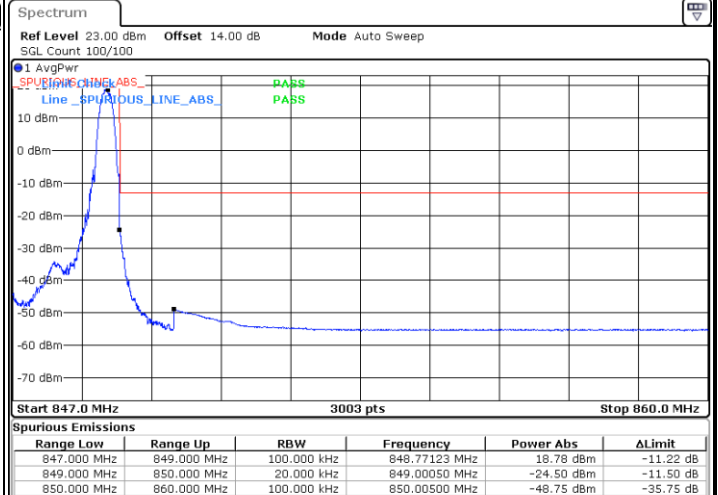


LTE Band 26 / 1.4MHz / 64QAM

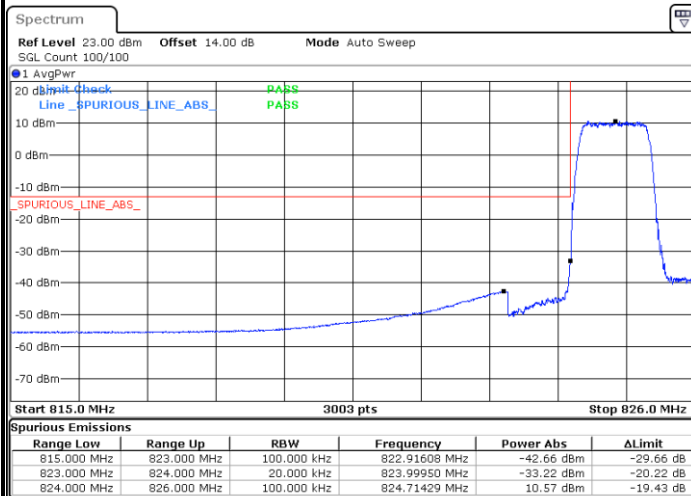
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



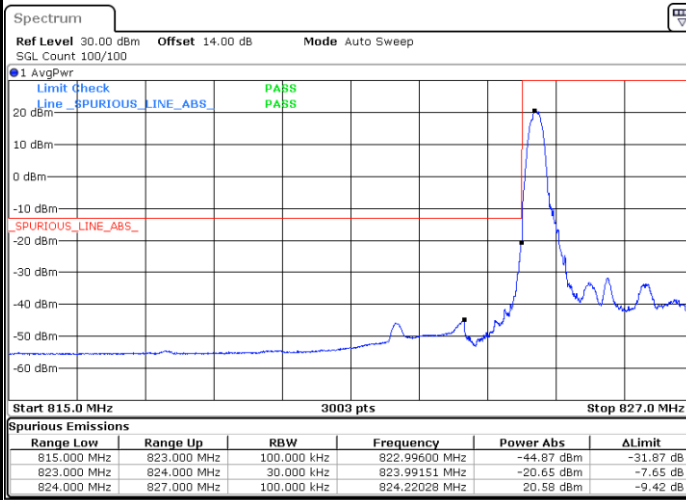
Highest Band Edge / Full RB





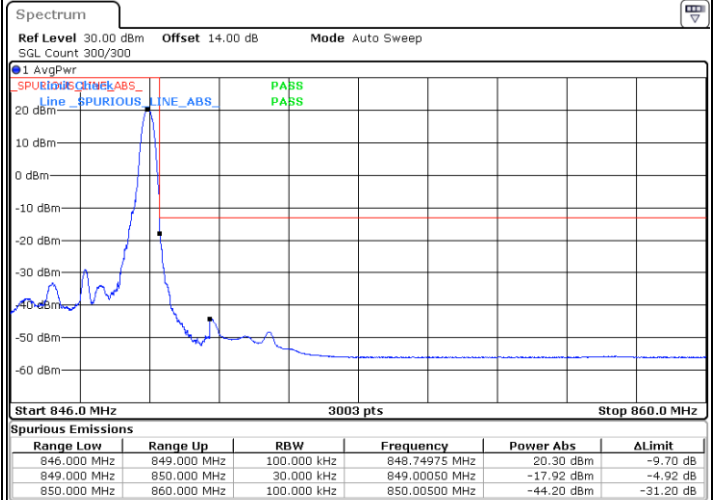
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



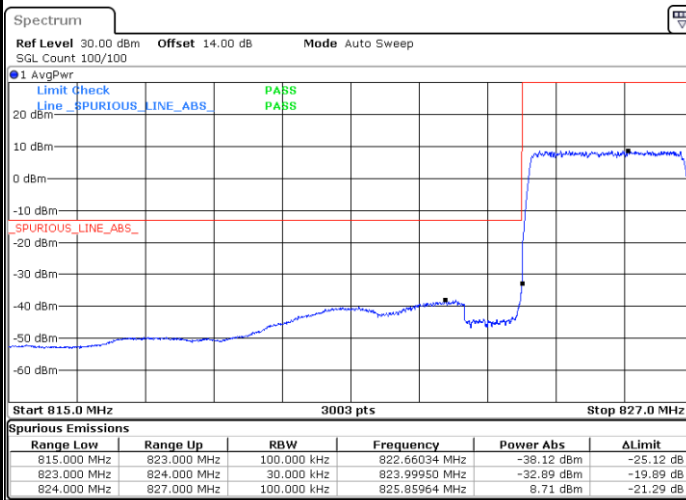
Date: 28 DEC 2024 03:21:47

Highest Band Edge / 1RB



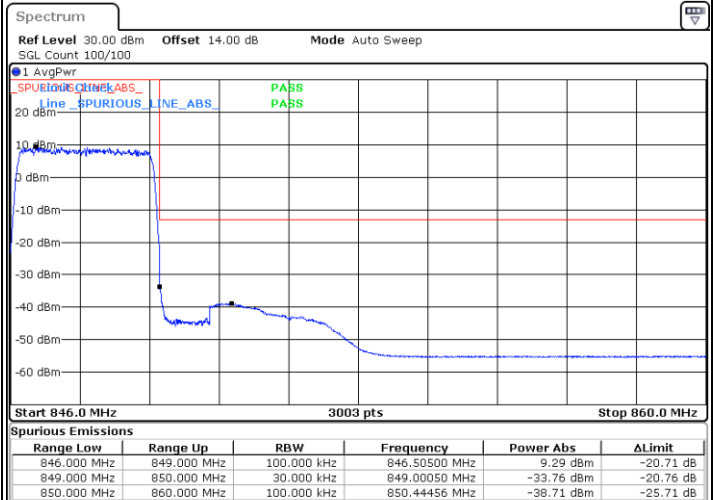
Date: 2 JAN 2025 14:15:13

Lowest Band Edge / Full RB



Date: 28 DEC 2024 03:26:26

Highest Band Edge / Full RB

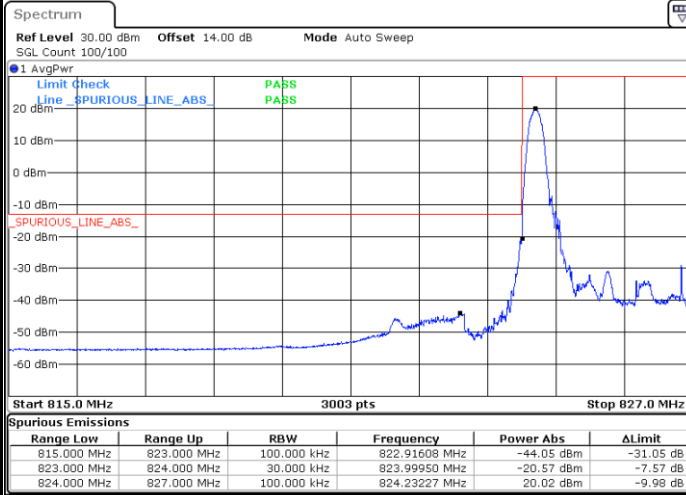


Date: 28 DEC 2024 03:35:32

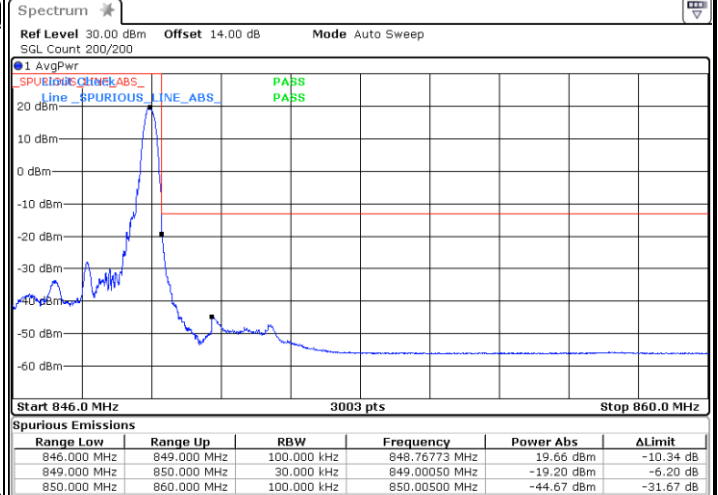


LTE Band 26 / 3MHz / 16QAM

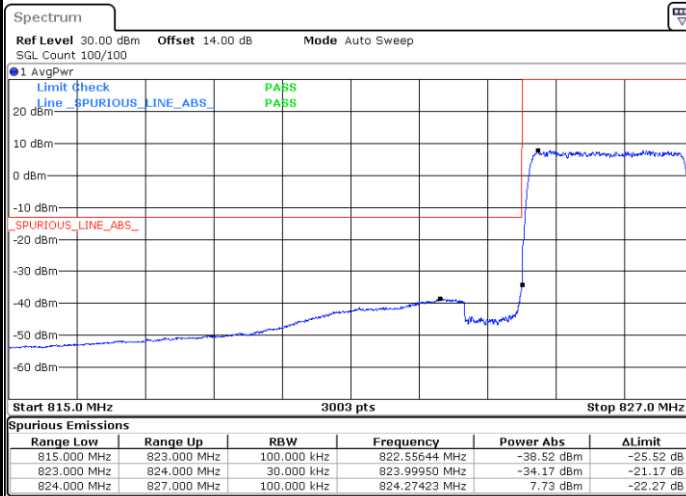
Lowest Band Edge / 1 RB



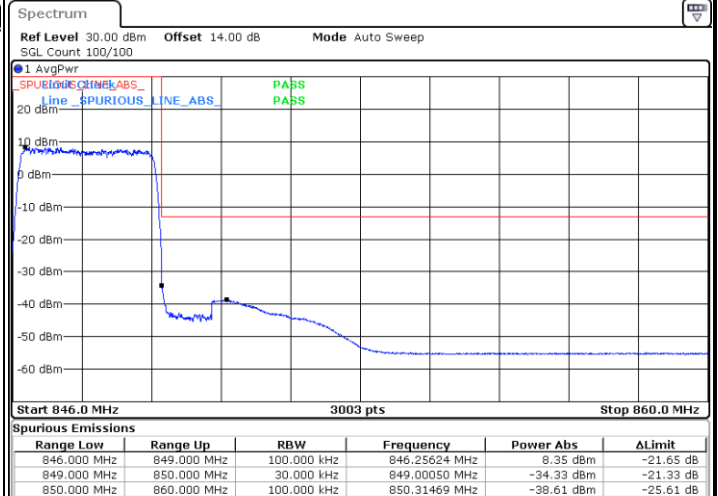
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



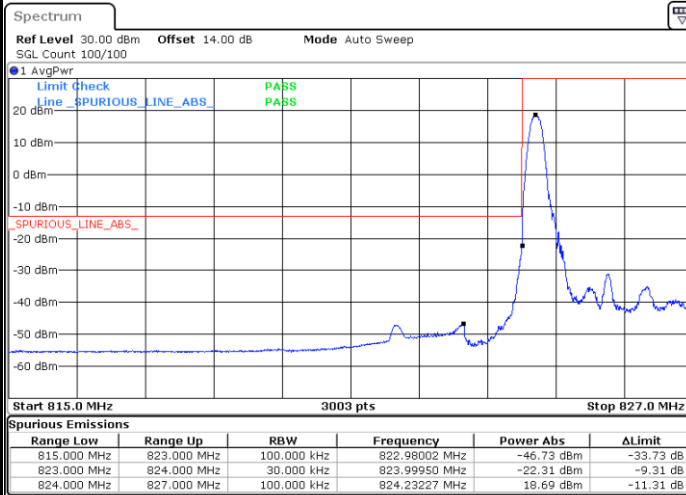
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / 64QAM

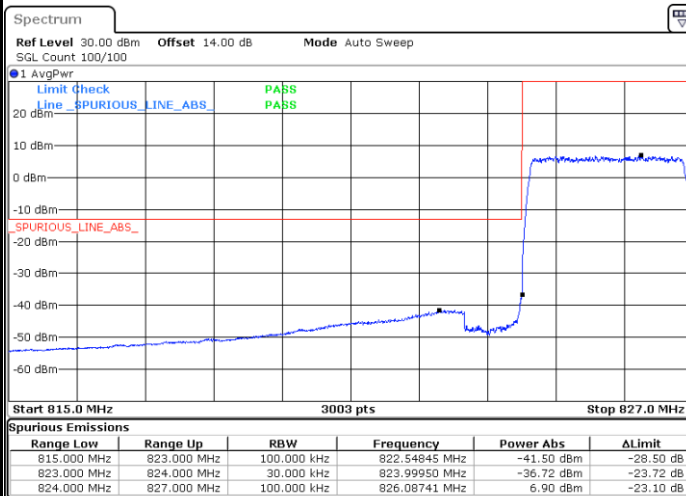
Lowest Band Edge / 1 RB



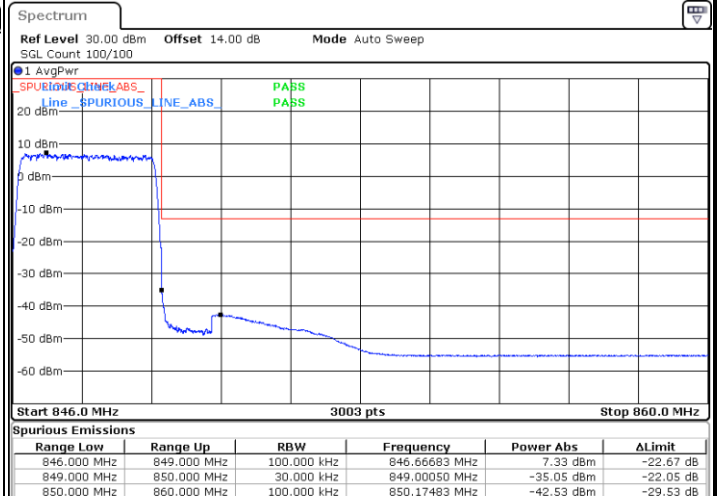
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



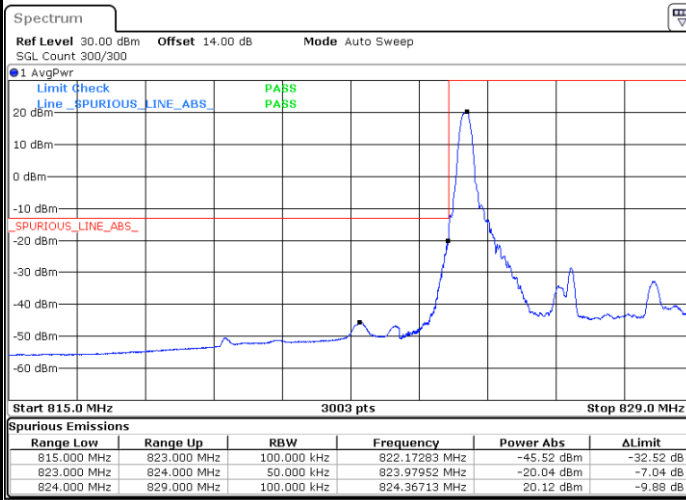
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1RB



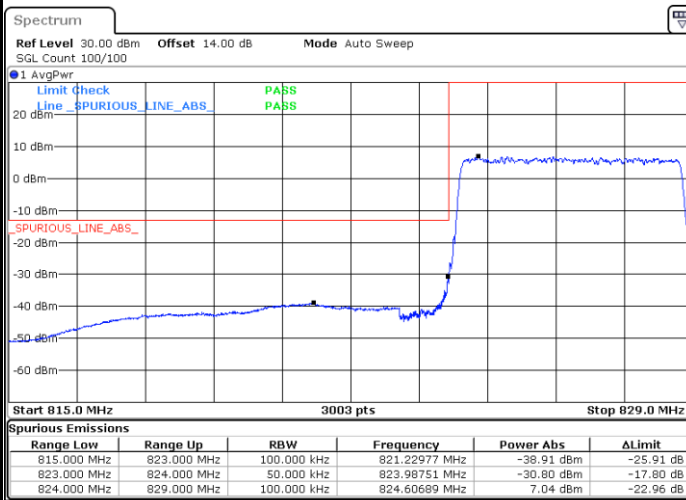
Date: 2.JAN.2025 11:52:42

Highest Band Edge / 1RB



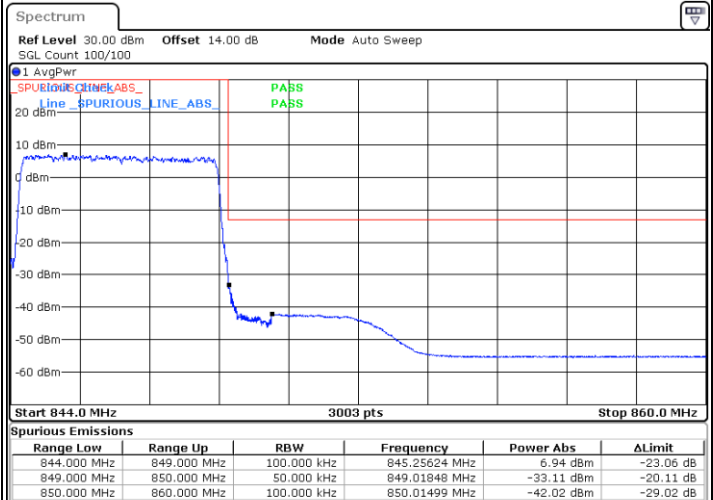
Date: 2.JAN.2025 11:56:53

Lowest Band Edge / Full RB



Date: 28 DEC 2024 03:43:03

Highest Band Edge / Full RB

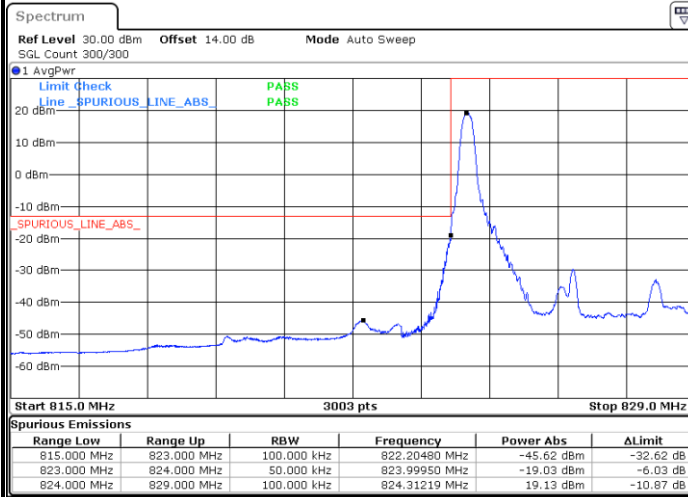


Date: 28 DEC 2024 03:52:09

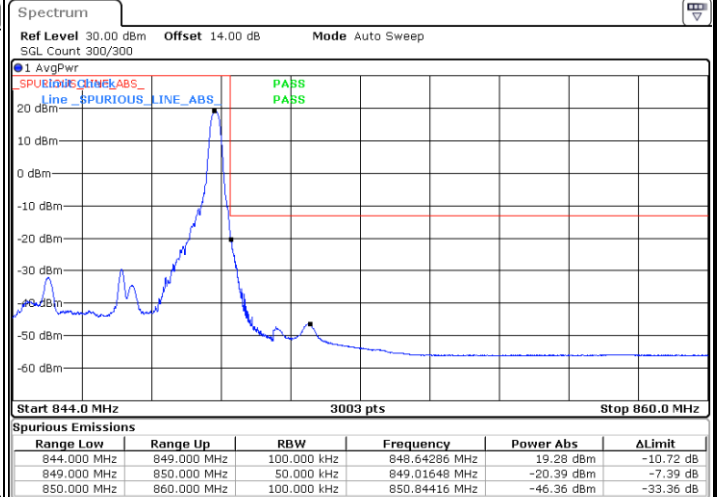


LTE Band 26 / 5MHz / 16QAM

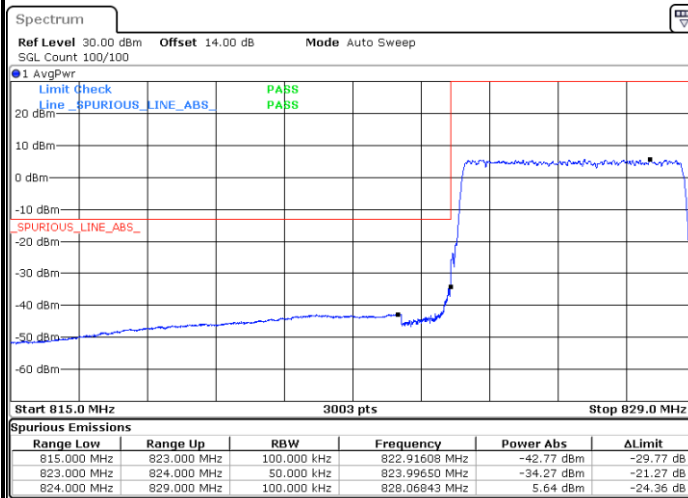
Lowest Band Edge / 1 RB



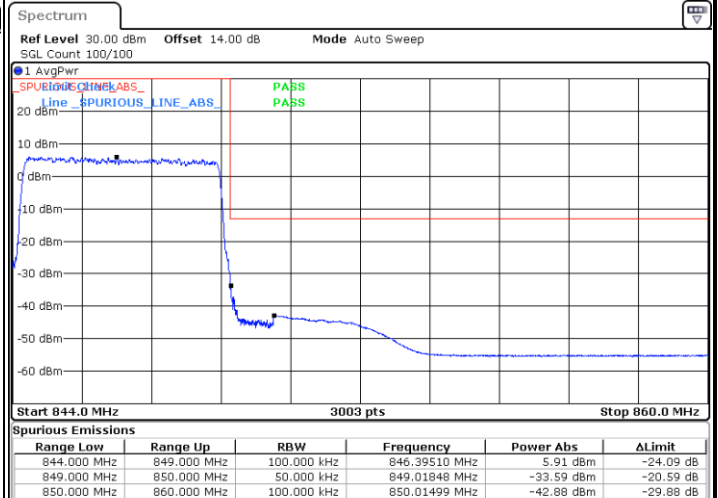
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



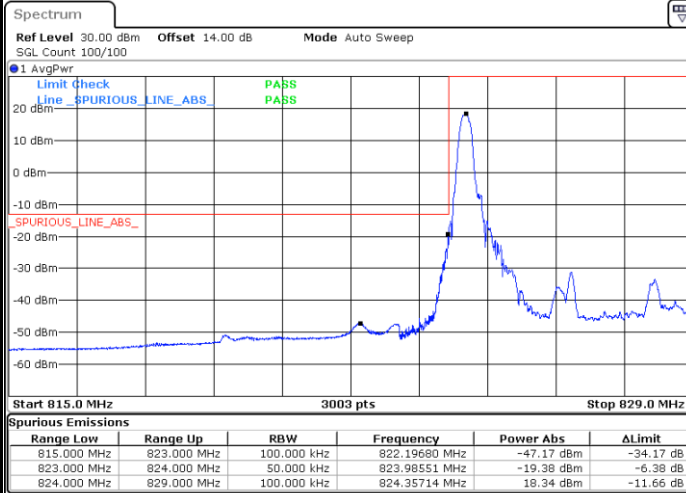
Highest Band Edge / Full RB



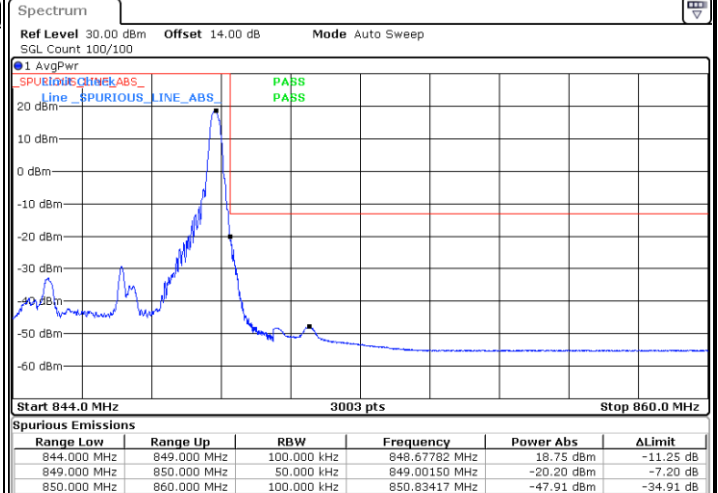


LTE Band 26 / 5MHz / 64QAM

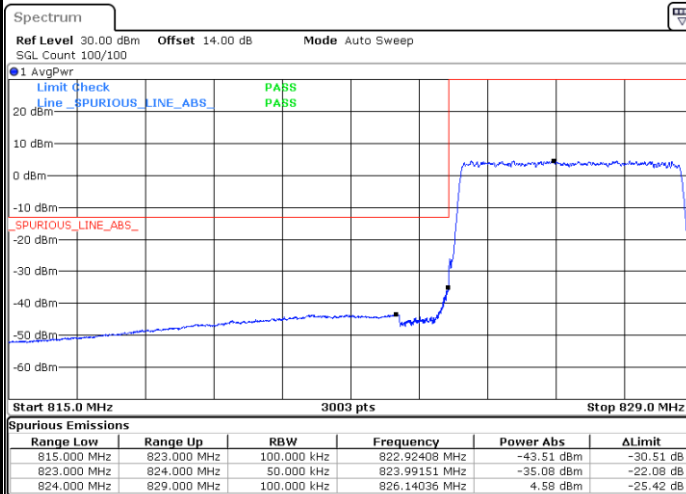
Lowest Band Edge / 1 RB



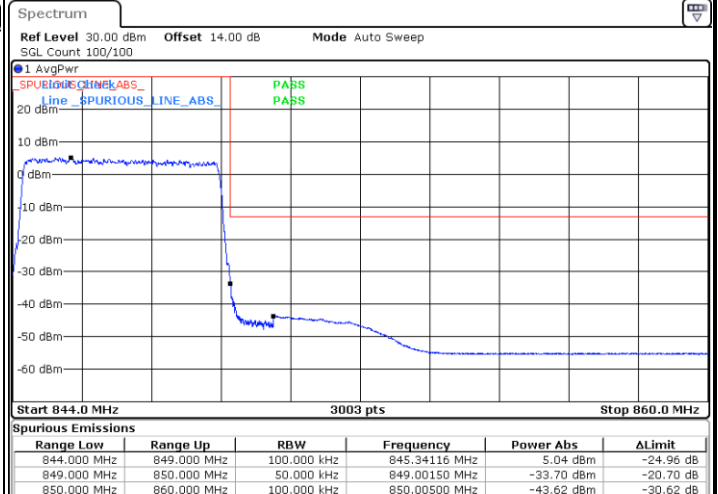
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



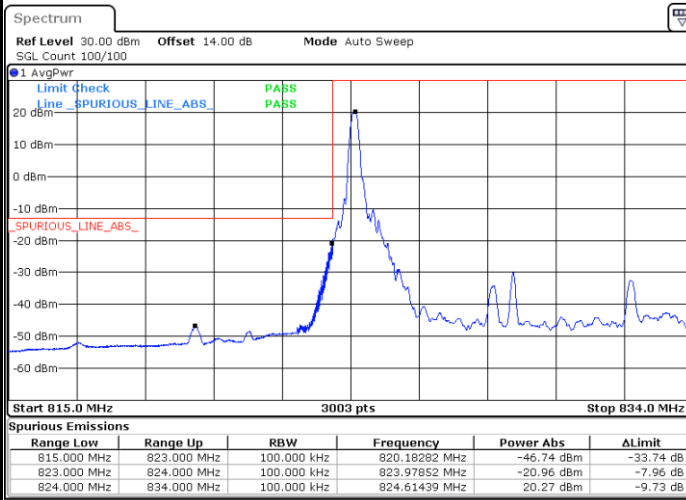
Highest Band Edge / Full RB





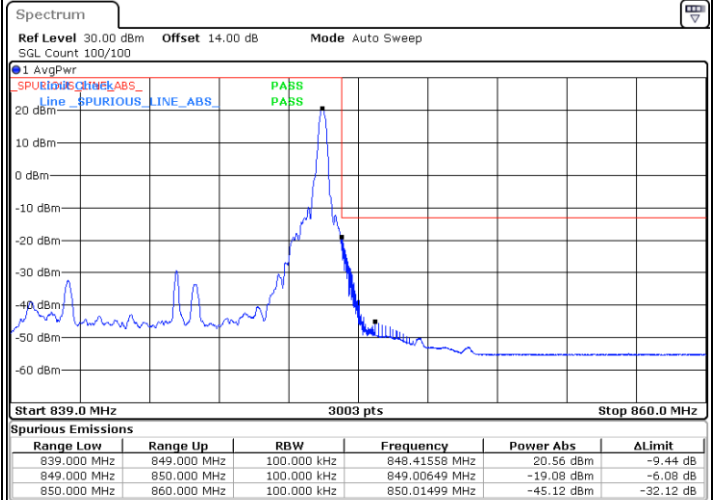
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1RB



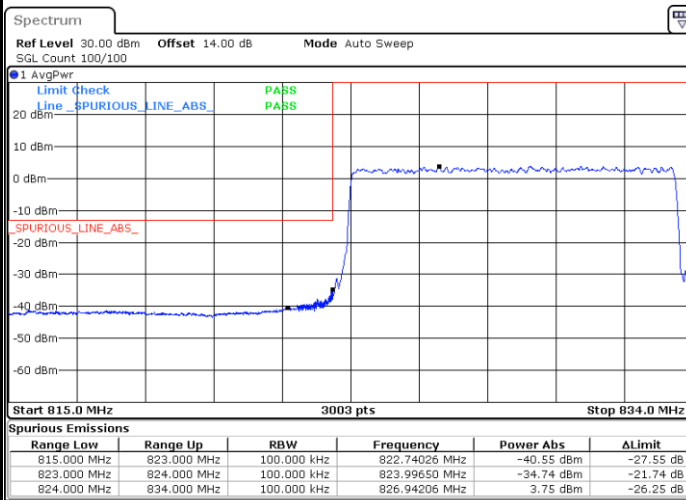
Date: 28 DEC 2024 03:54:55

Highest Band Edge / 1RB



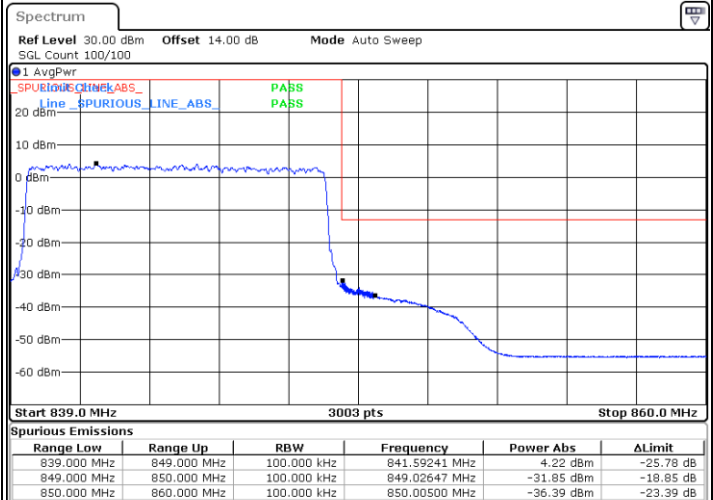
Date: 28 DEC 2024 04:04:00

Lowest Band Edge / Full RB



Date: 28 DEC 2024 03:59:34

Highest Band Edge / Full RB

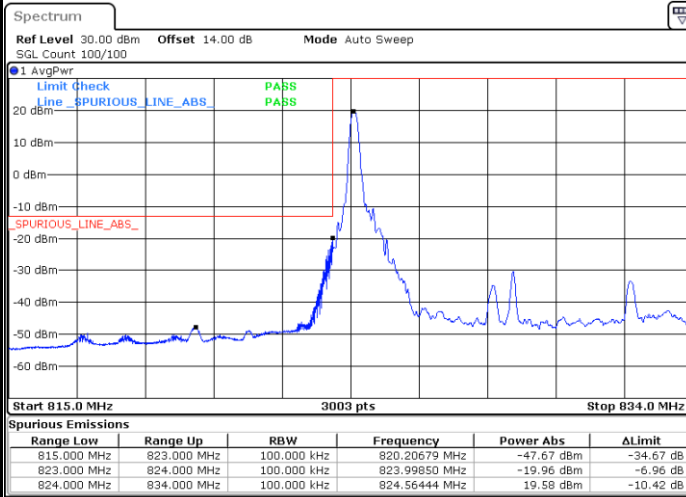


Date: 28 DEC 2024 04:08:39

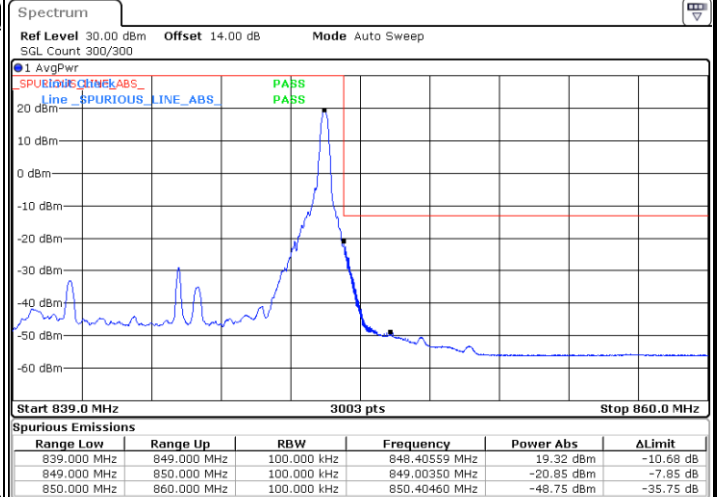


LTE Band 26 / 10MHz / 16QAM

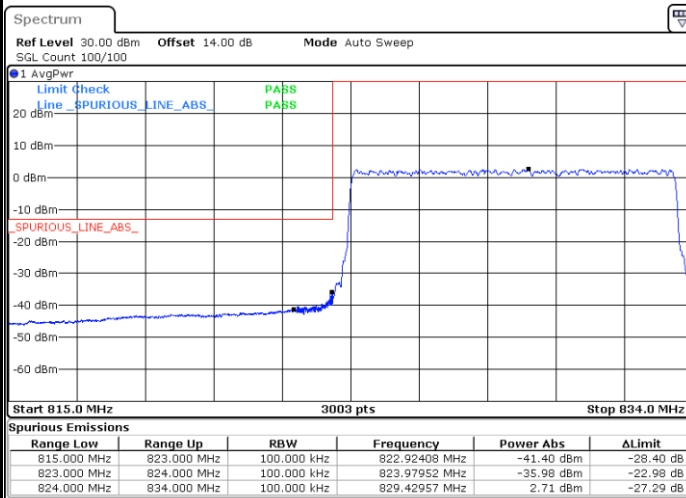
Lowest Band Edge / 1 RB



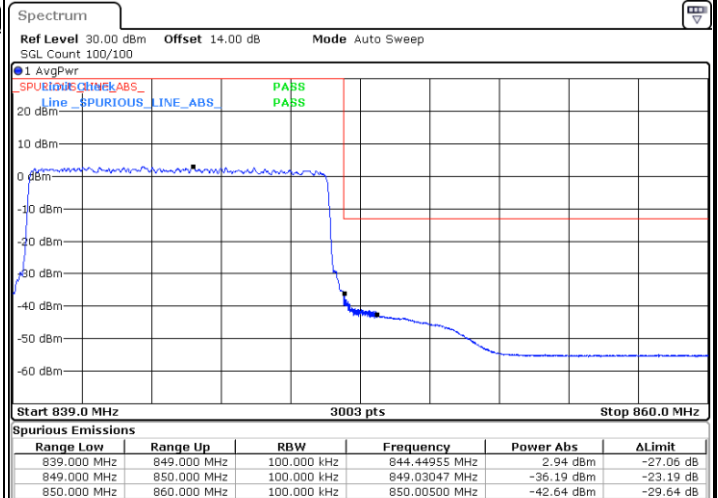
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



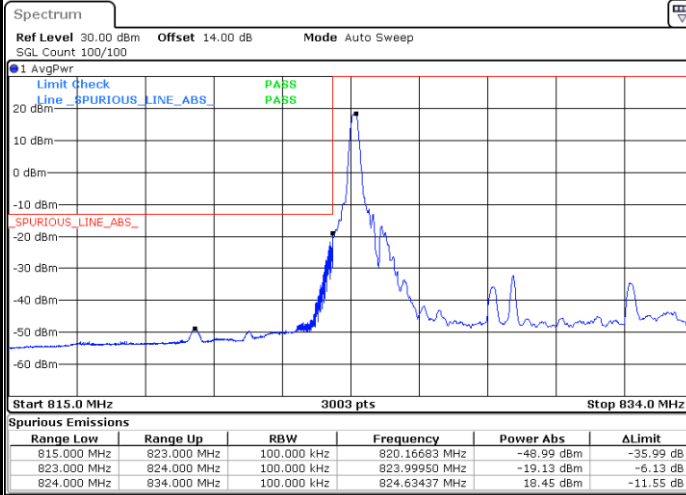
Highest Band Edge / Full RB



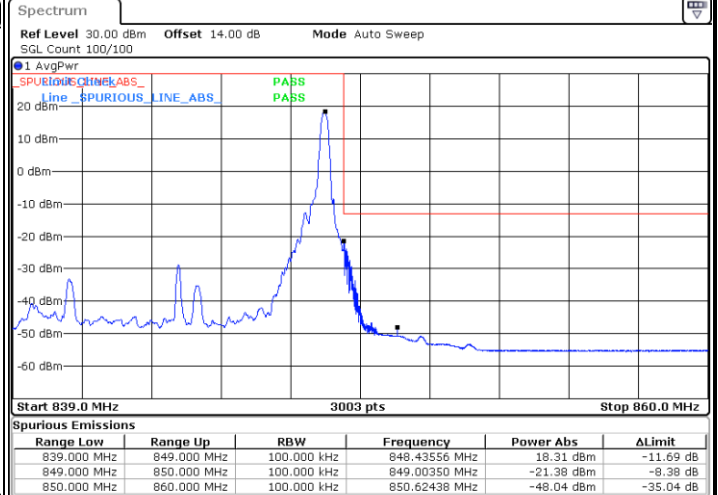


LTE Band 26 / 10MHz / 64QAM

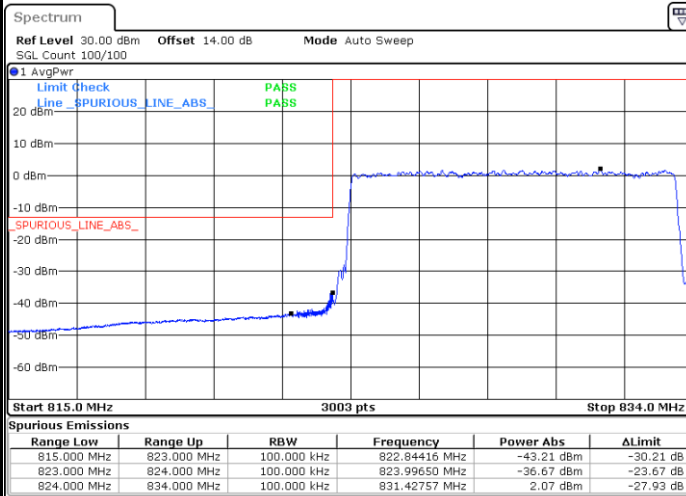
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

