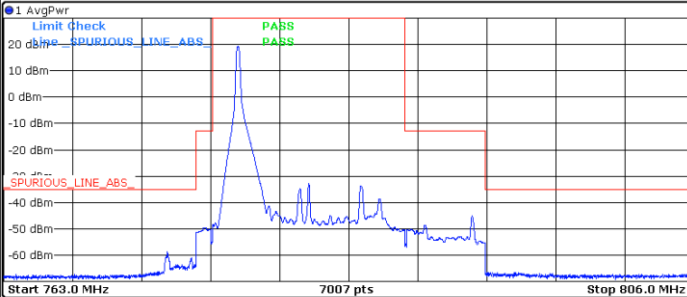




LTE Band 13 / 10MHz / 16QAM

Band Edge / 1 RB

Spectrum

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

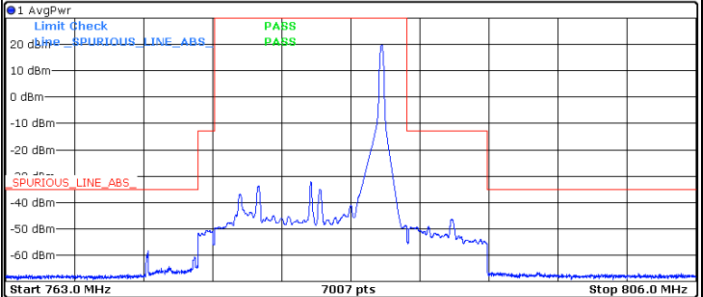
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-58.82 dBm	-23.82 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.58487 MHz	-49.58 dBm	-36.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99595 MHz	-54.73 dBm	-41.73 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	19.29 dBm	-10.71 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06309 MHz	-55.60 dBm	-42.60 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.17517 MHz	-45.23 dBm	-32.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.44805 MHz	-66.56 dBm	-31.56 dB

Date: 28.DEC.2023 20:26:47

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

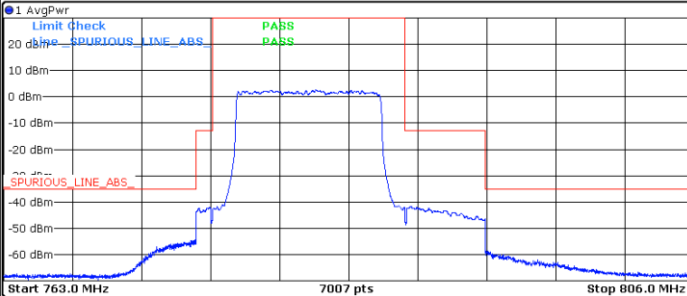
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-58.43 dBm	-23.43 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.51923 MHz	-50.72 dBm	-37.72 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-55.60 dBm	-42.60 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	19.86 dBm	-10.14 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00005 MHz	-54.73 dBm	-41.73 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.77517 MHz	-46.32 dBm	-33.32 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.79870 MHz	-66.53 dBm	-31.53 dB

Date: 28.DEC.2023 20:29:51

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	774.92208 MHz	-54.50 dBm	-19.50 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.82313 MHz	-42.06 dBm	-29.06 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-46.64 dBm	-33.64 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.45554 MHz	2.59 dBm	-27.41 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-46.96 dBm	-33.96 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.34720 MHz	-41.72 dBm	-28.72 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-58.59 dBm	-23.59 dB

Date: 28.DEC.2023 20:32:55

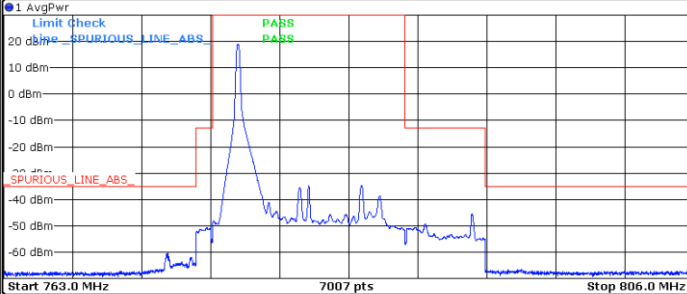
NA



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

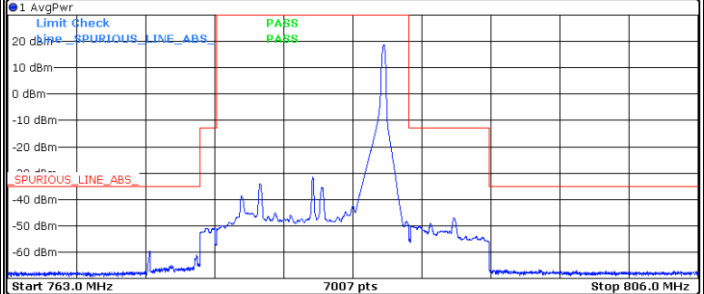
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.20779 MHz	-60.51 dBm	-25.51 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.64780 MHz	-50.66 dBm	-37.66 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92542 MHz	-55.12 dBm	-42.12 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.57642 MHz	-19.99 dBm	-11.01 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06646 MHz	-55.89 dBm	-42.89 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.17028 MHz	-45.51 dBm	-32.51 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.26623 MHz	-66.78 dBm	-31.78 dB

Date: 28.DEC.2023 20:27:48

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

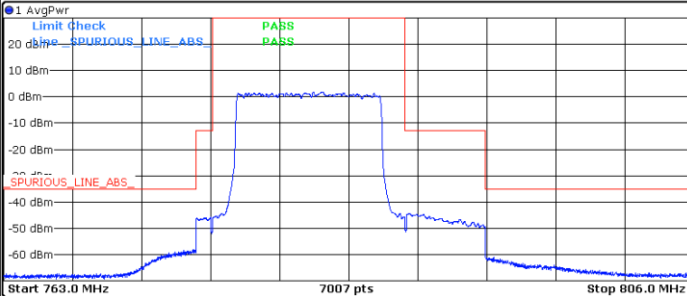
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-59.56 dBm	-24.56 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.74670 MHz	-59.95 dBm	-37.95 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90005 MHz	-56.36 dBm	-43.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.42359 MHz	-19.61 dBm	-11.39 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06749 MHz	-54.92 dBm	-41.92 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80455 MHz	-46.97 dBm	-33.97 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.00649 MHz	-66.56 dBm	-31.56 dB

Date: 28.DEC.2023 20:30:53

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	774.95804 MHz	-57.74 dBm	-22.74 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89995 MHz	-45.82 dBm	-32.82 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99995 MHz	-50.84 dBm	-37.84 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.85115 MHz	-1.87 dBm	-28.13 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-49.91 dBm	-36.91 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.25420 MHz	-44.47 dBm	-31.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-61.08 dBm	-26.08 dB

Date: 28.DEC.2023 20:33:57

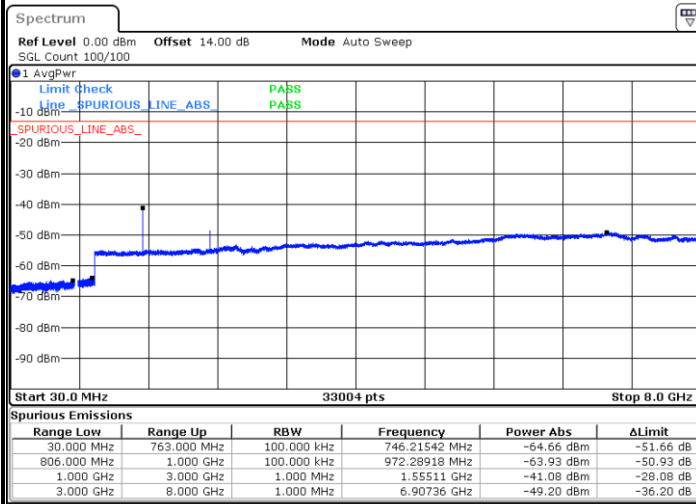
NA



Conducted Spurious Emission

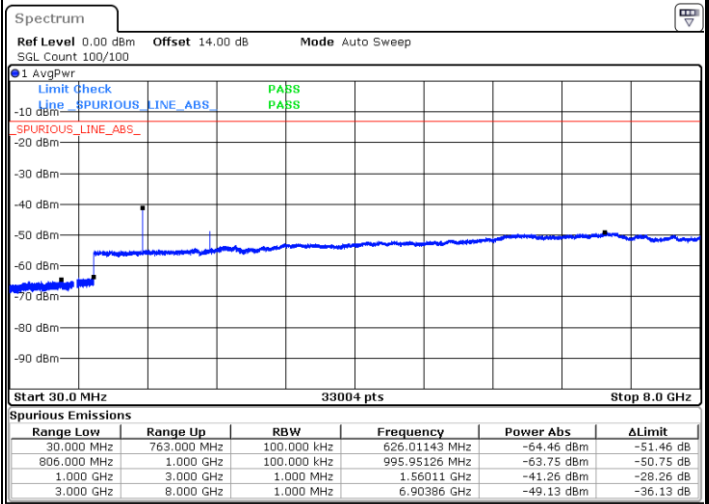
LTE Band 13 / 5MHz

Lowest Channel / QPSK



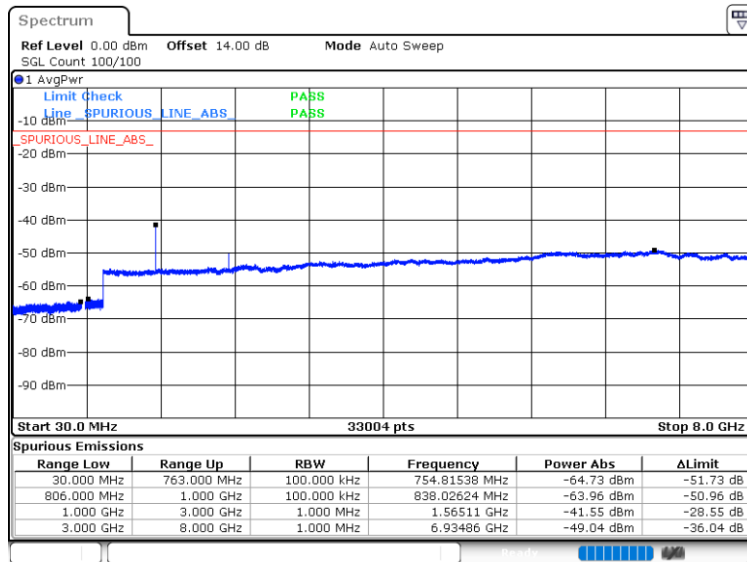
Date: 28.DEC.2023 20:09:35

Middle Channel / QPSK



Date: 28.DEC.2023 20:10:46

Highest Channel / QPSK

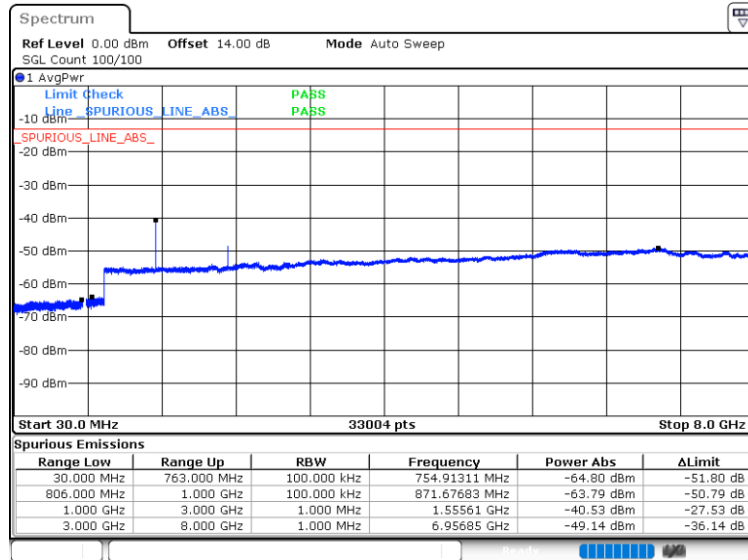


Date: 28.DEC.2023 20:19:31



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28.DEC.2023 20:35:08

**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	0.0003	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

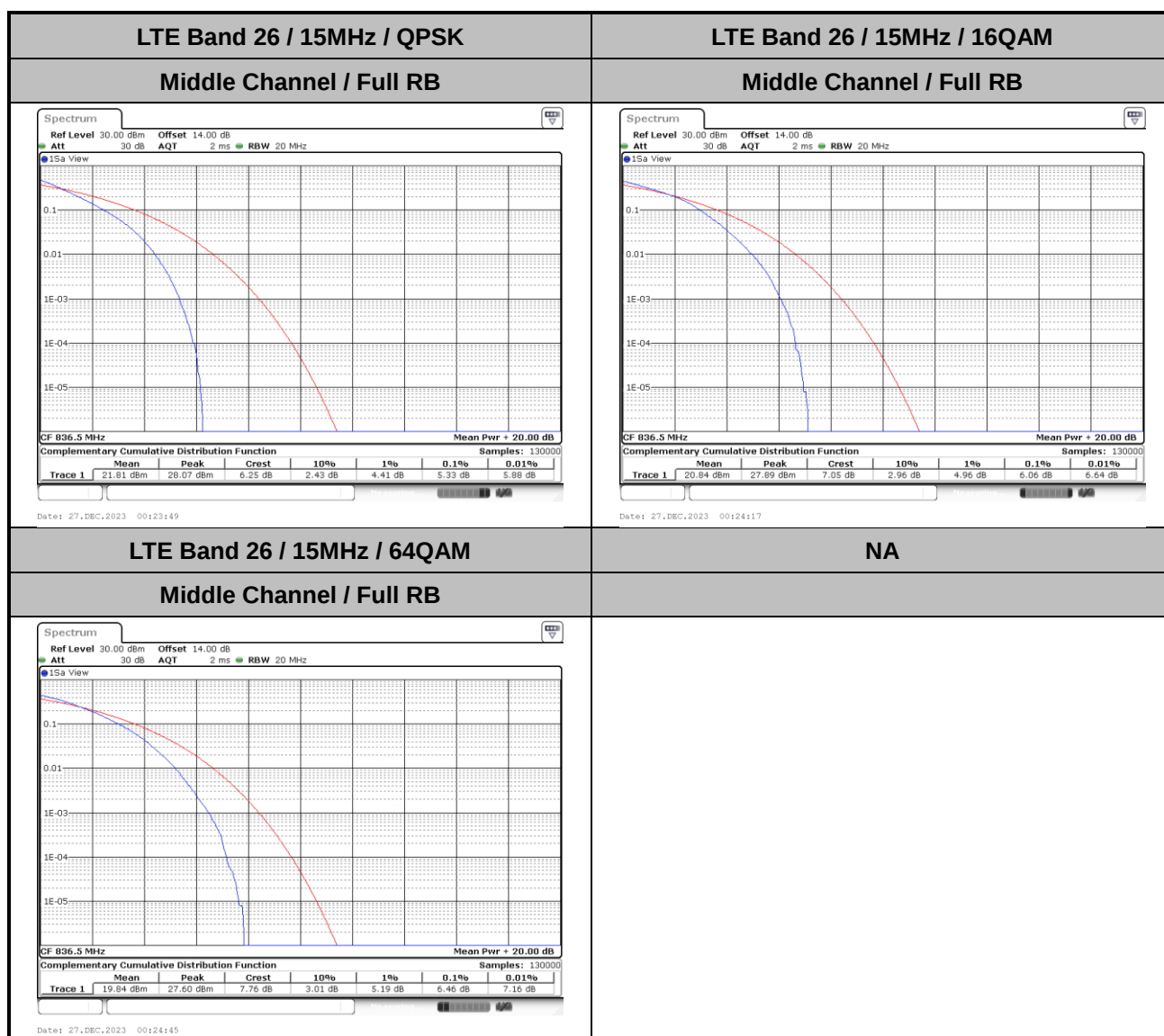
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

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	5.33	6.06	6.46	PASS



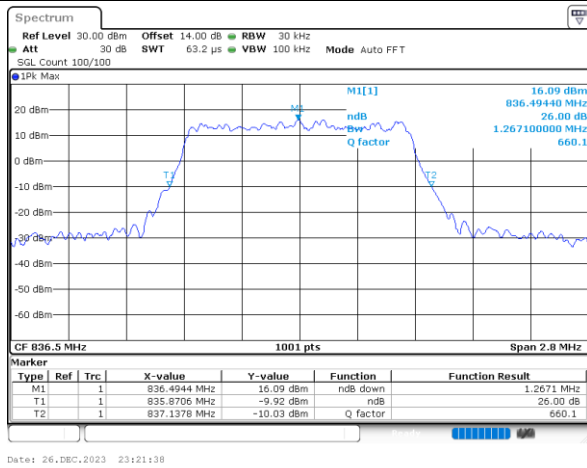


26dB Bandwidth

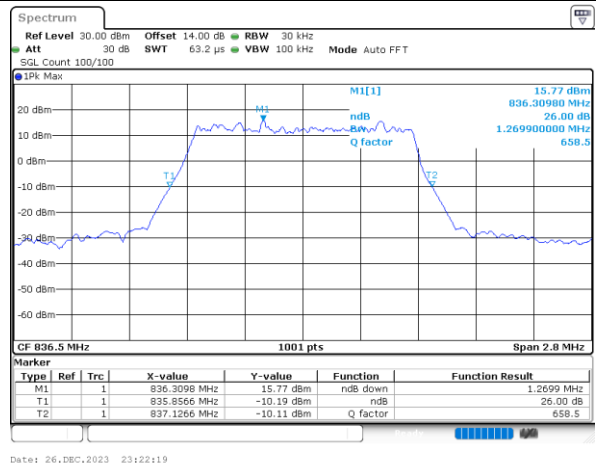
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		-	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	-	-
Middle CH	1.27	1.27	2.97	3.00	4.91	4.87	9.79	9.75	14.36	14.51	-	-

LTE Band 26

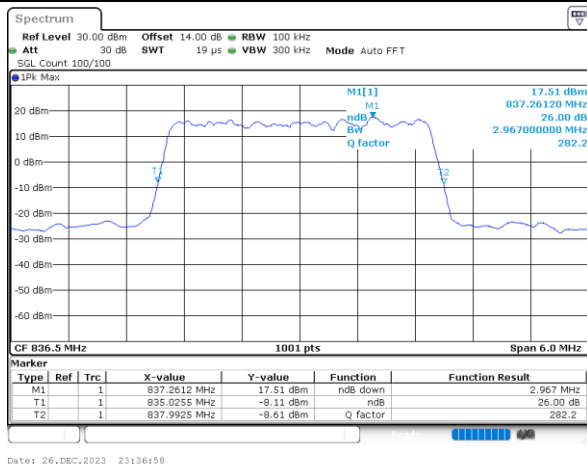
Middle Channel / 1.4MHz / QPSK



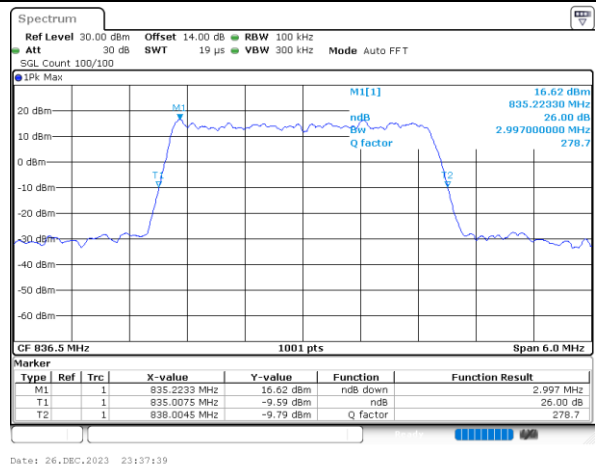
Middle Channel / 1.4MHz / 16QAM



Middle Channel / 3MHz / QPSK

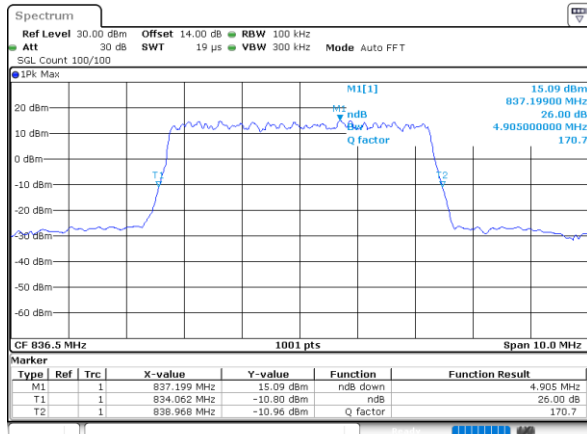


Middle Channel / 3MHz / 16QAM



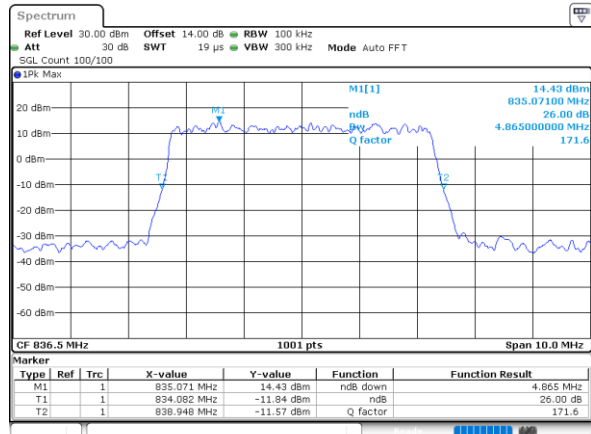


Middle Channel / 5MHz / QPSK



Date: 26,DEC,2023 23:52:14

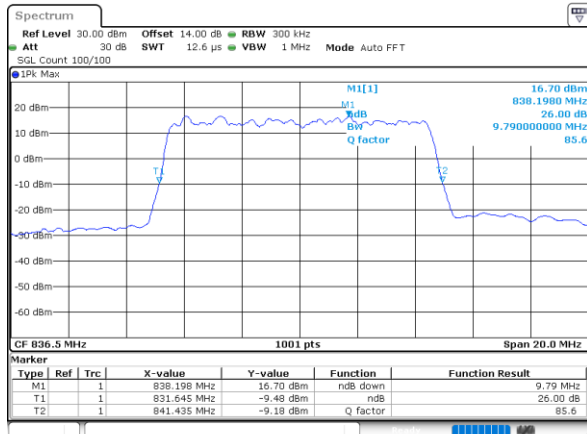
Middle Channel / 5MHz / 16QAM



Date: 26,DEC,2023 23:52:55

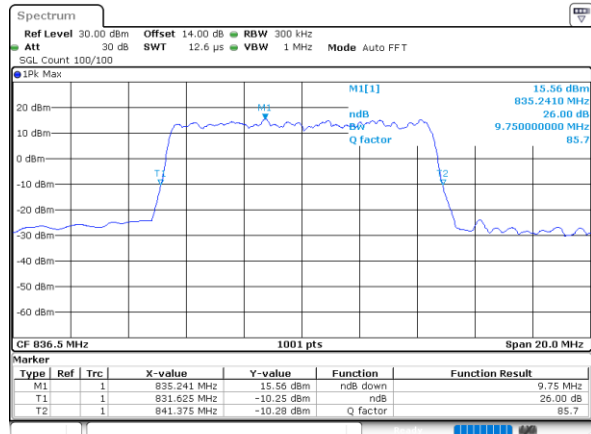
LTE Band 26

Middle Channel / 10MHz / QPSK



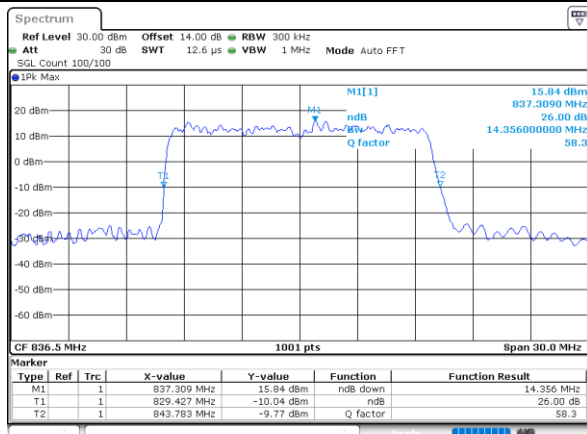
Date: 27,DEC,2023 00:07:30

Middle Channel / 10MHz / 16QAM



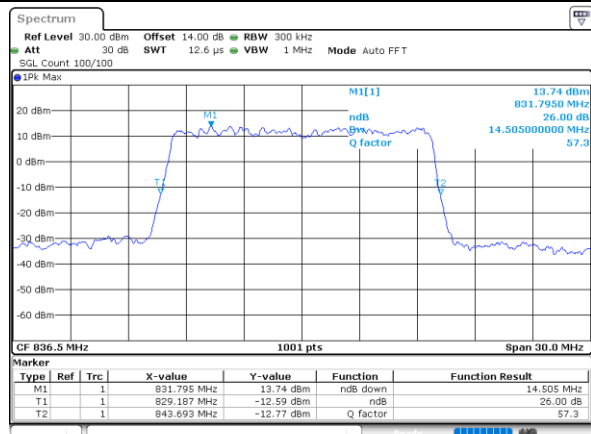
Date: 27,DEC,2023 00:08:11

Middle Channel / 15MHz / QPSK



Date: 27,DEC,2023 00:22:40

Middle Channel / 15MHz / 16QAM

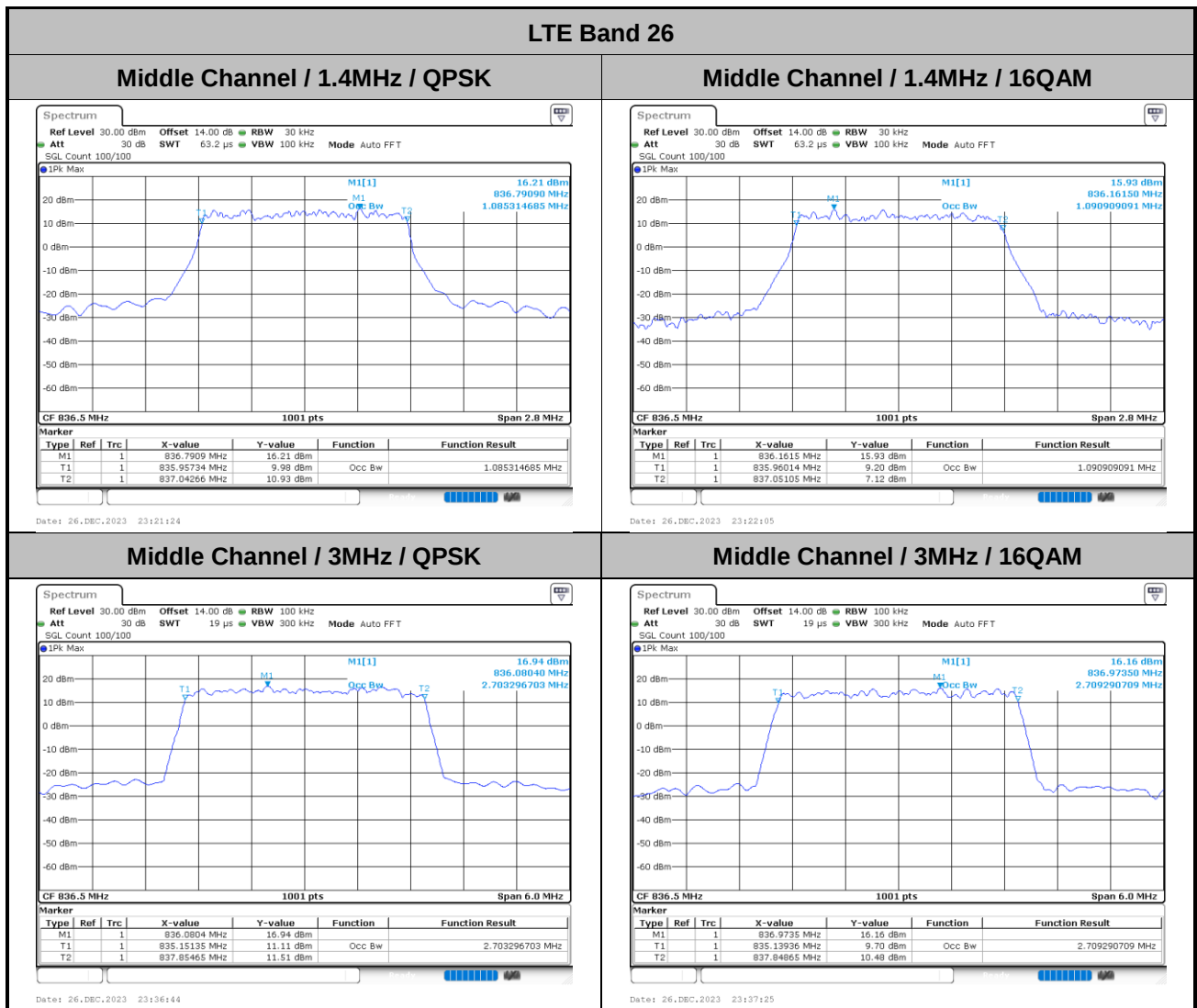


Date: 27,DEC,2023 00:23:21



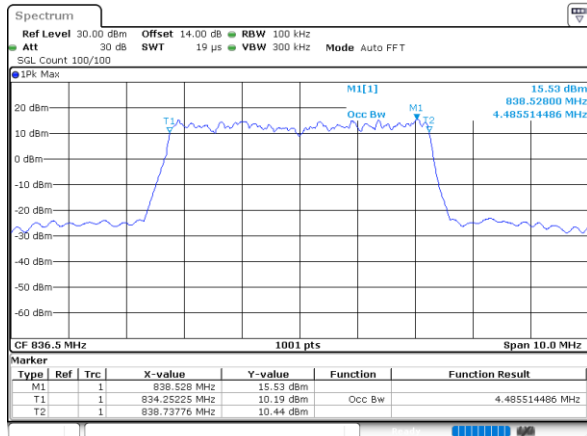
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		15MHz (CH26765)	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.70	2.71	4.49	4.49	9.03	9.03	13.40	13.46	13.43	13.43



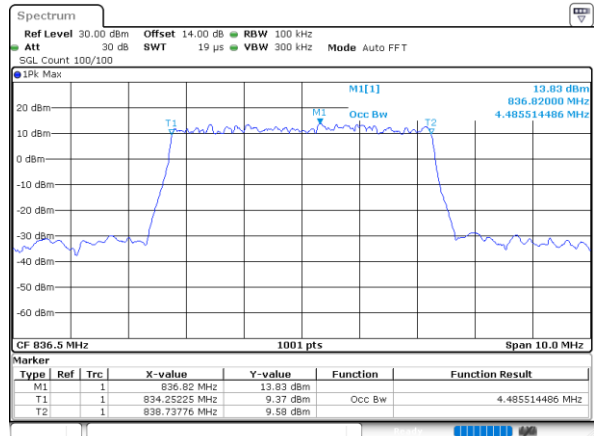


Middle Channel / 5MHz / QPSK



Date: 26.DEC.2023 23:52:00

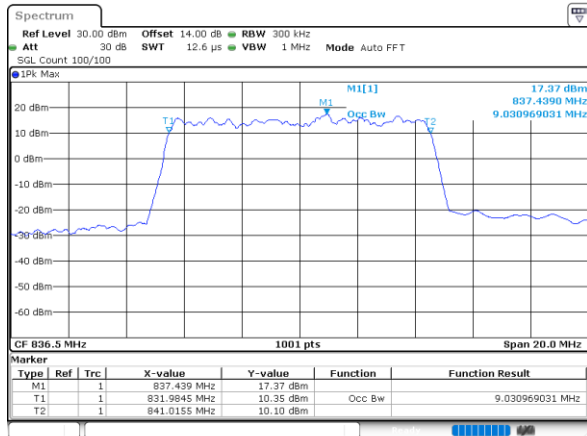
Middle Channel / 5MHz / 16QAM



Date: 26.DEC.2023 23:52:41

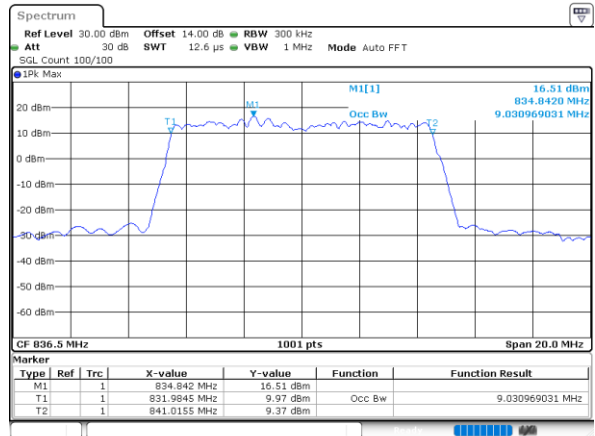
LTE Band 26

Middle Channel / 10MHz / QPSK



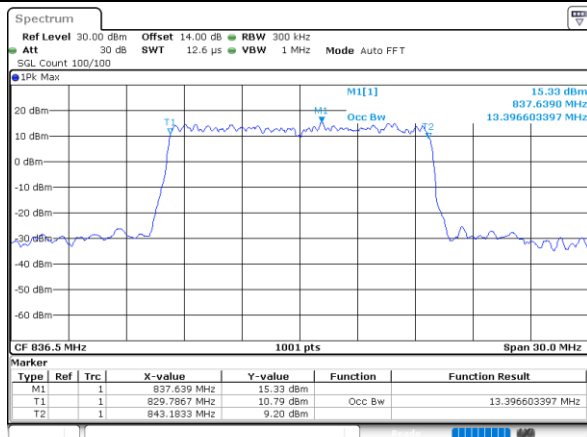
Date: 27.DEC.2023 00:07:16

Middle Channel / 10MHz / 16QAM



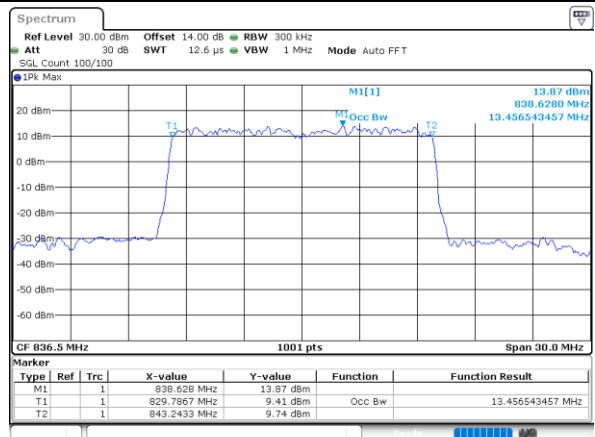
Date: 27.DEC.2023 00:07:57

Middle Channel / 15MHz / QPSK

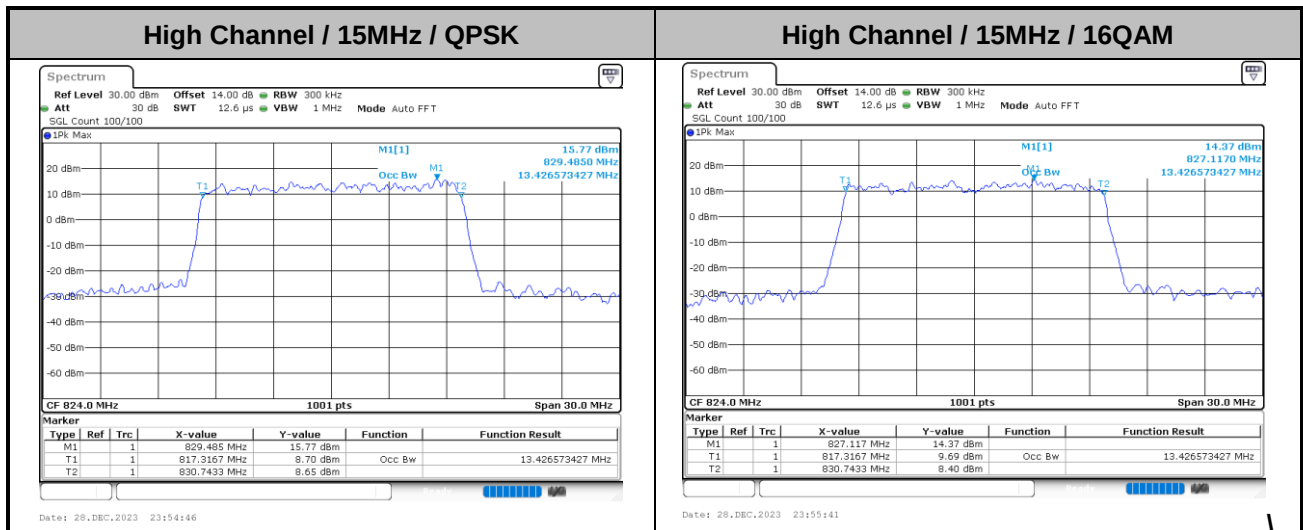


Date: 27.DEC.2023 00:22:26

Middle Channel / 15MHz / 16QAM



Date: 27.DEC.2023 00:23:07

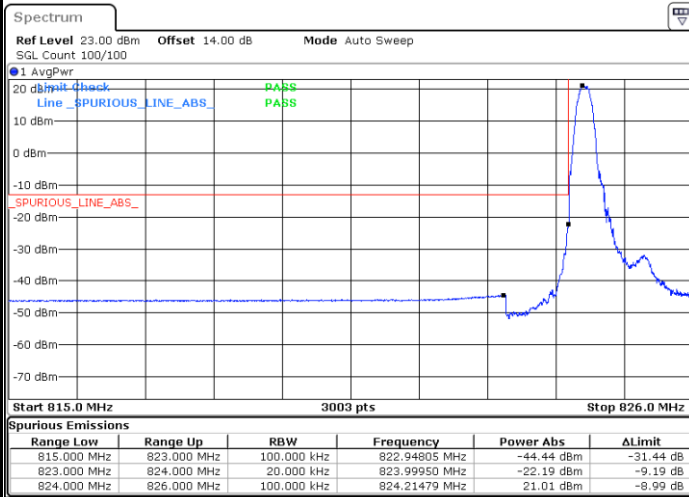




Conducted Band Edge

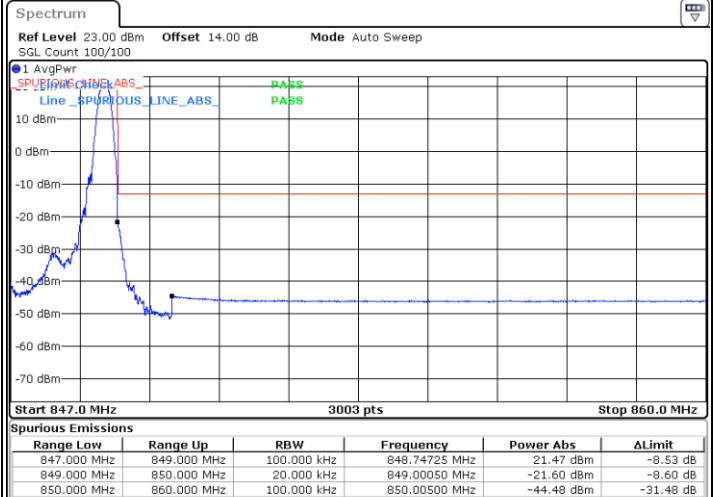
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



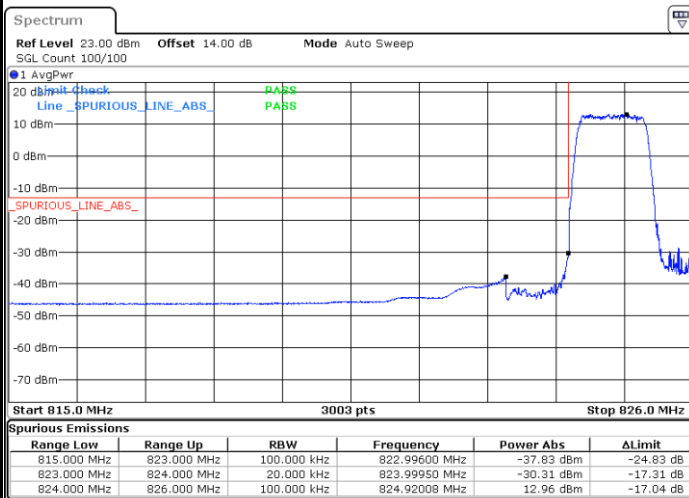
Date: 26.DEC.2023 23:14:41

Highest Band Edge / 1RB



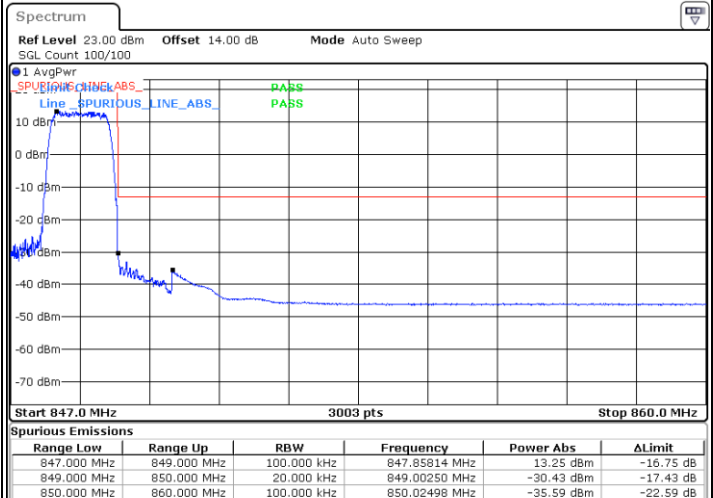
Date: 26.DEC.2023 23:23:07

Lowest Band Edge / Full RB



Date: 26.DEC.2023 23:18:35

Highest Band Edge / Full RB

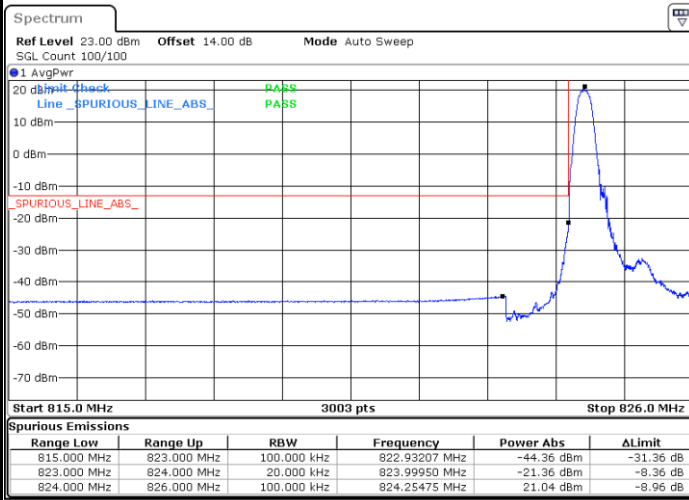


Date: 26.DEC.2023 23:27:14

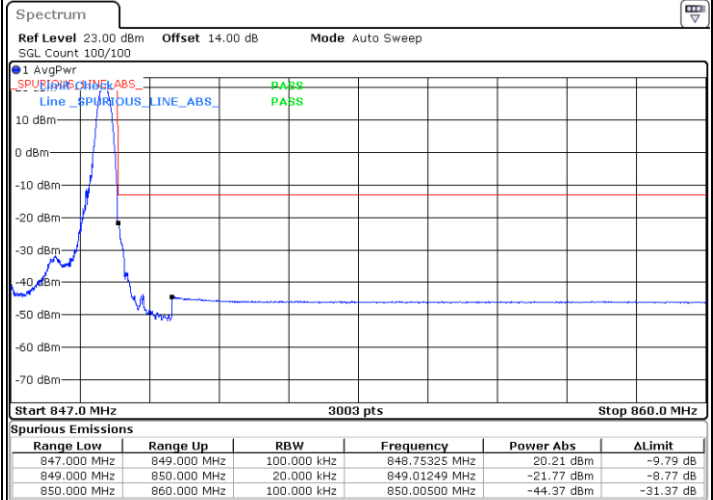


LTE Band 26 / 1.4MHz / 16QAM

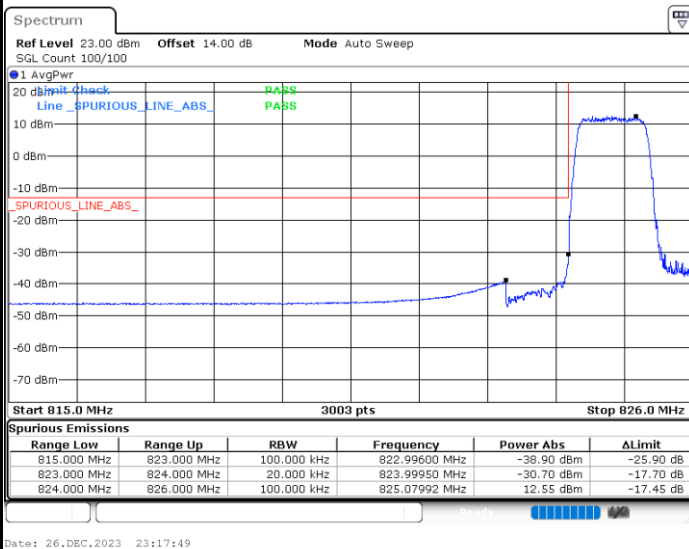
Lowest Band Edge / 1 RB



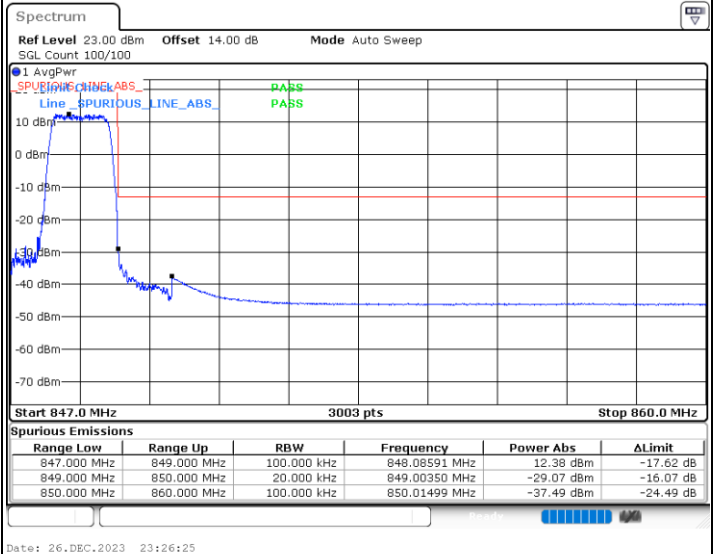
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



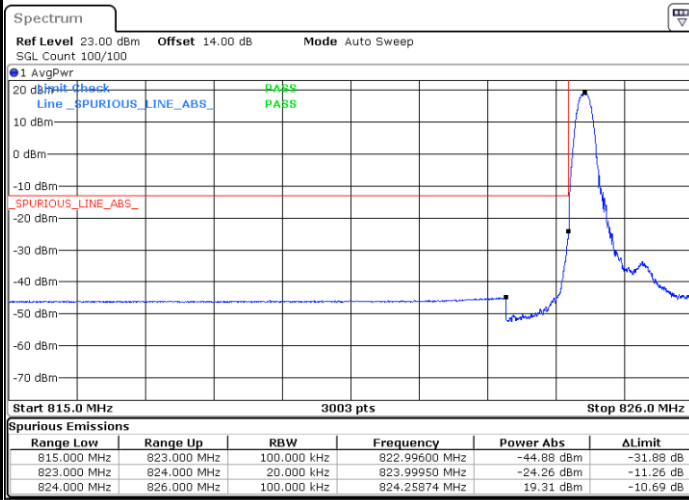
Highest Band Edge / Full RB



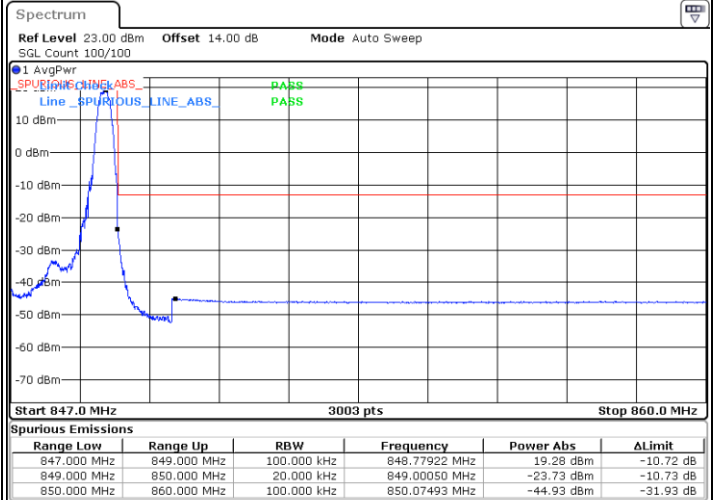


LTE Band 26 / 1.4MHz / 64QAM

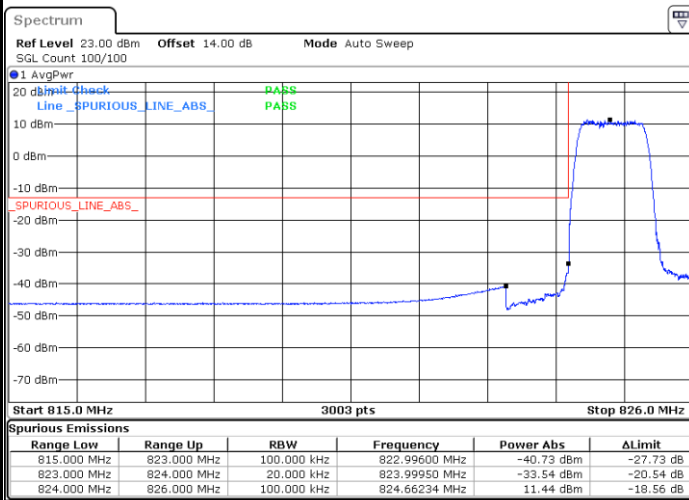
Lowest Band Edge / 1 RB



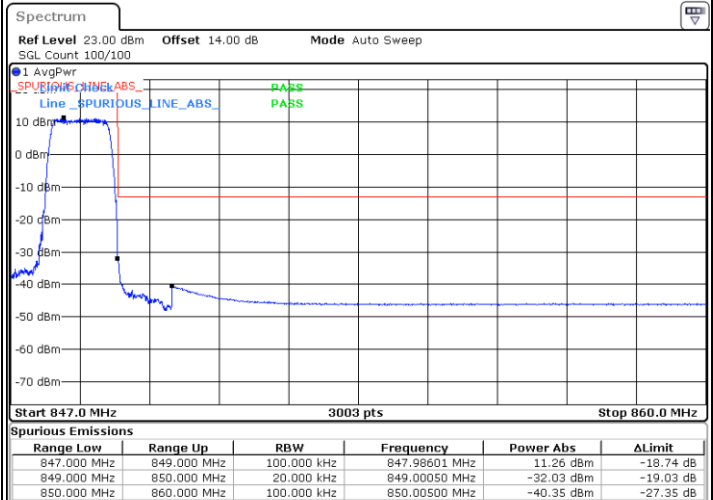
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



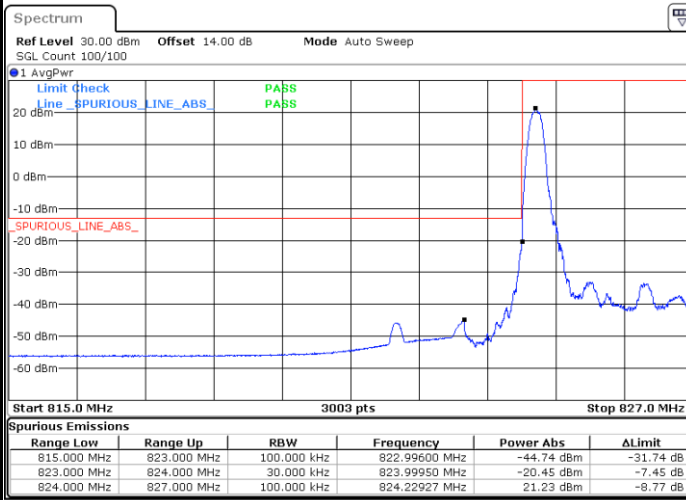
Highest Band Edge / Full RB



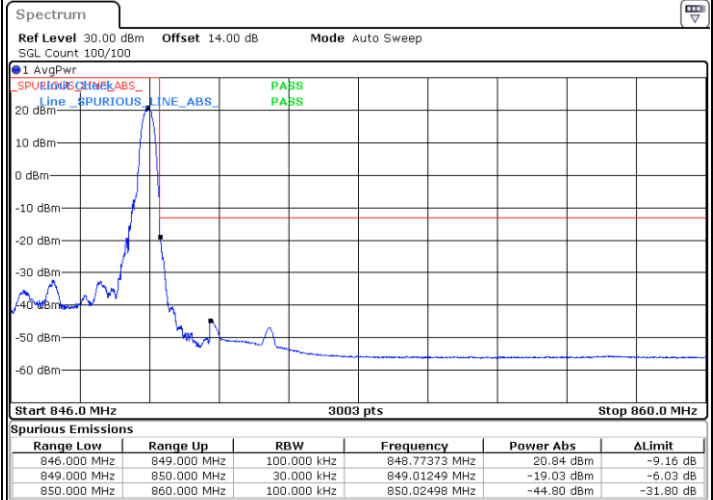


LTE Band 26 / 3MHz / QPSK

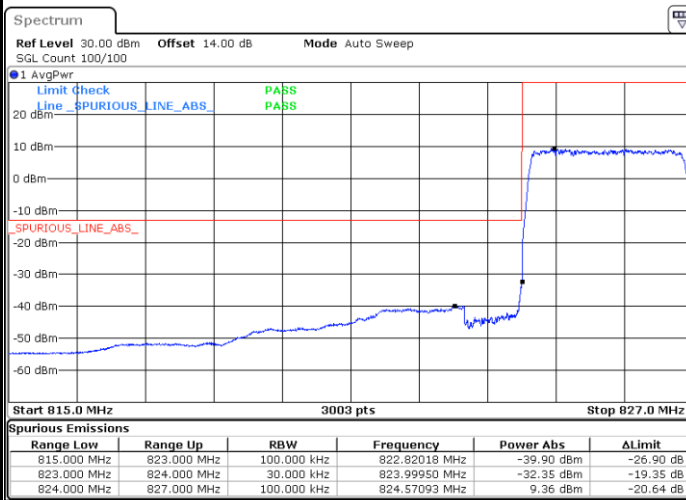
Lowest Band Edge / 1RB



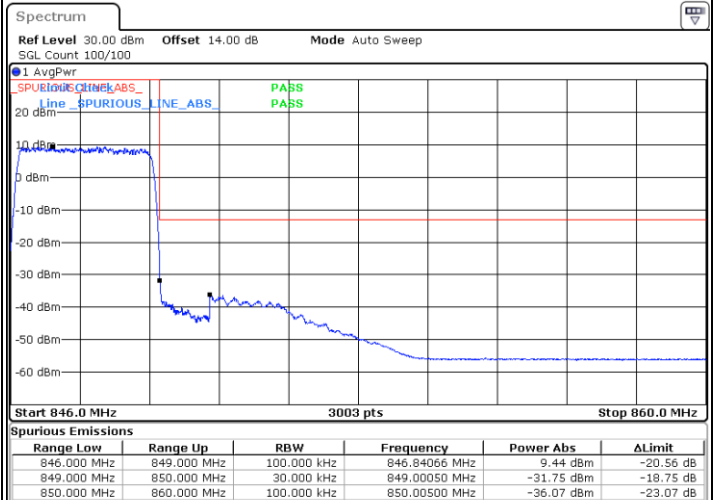
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



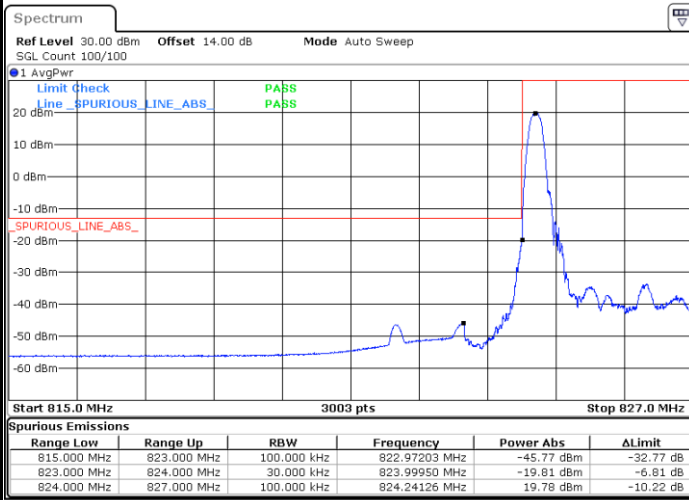
Highest Band Edge / Full RB



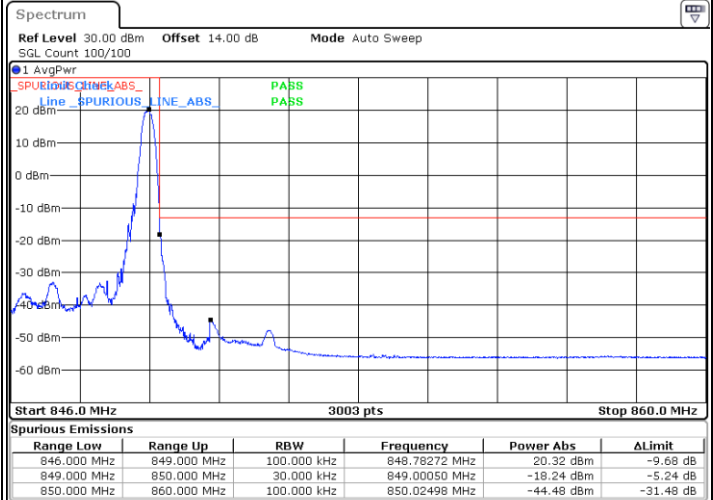


LTE Band 26 / 3MHz / 16QAM

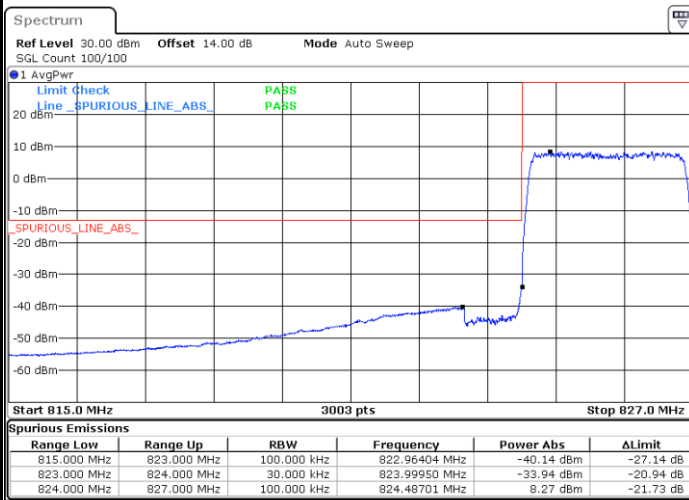
Lowest Band Edge / 1 RB



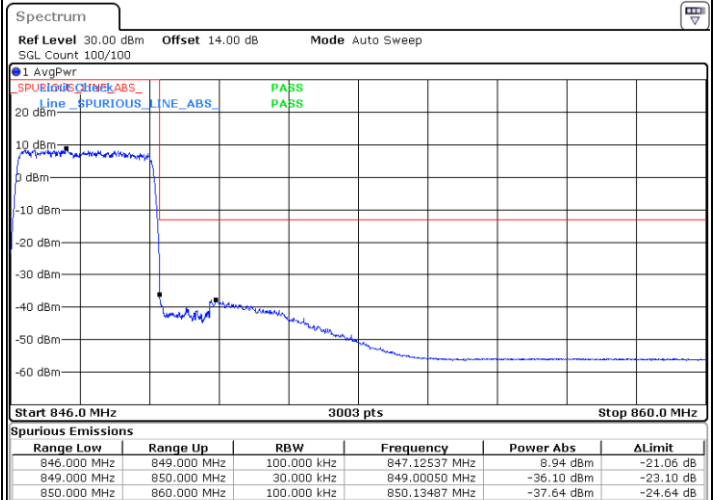
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



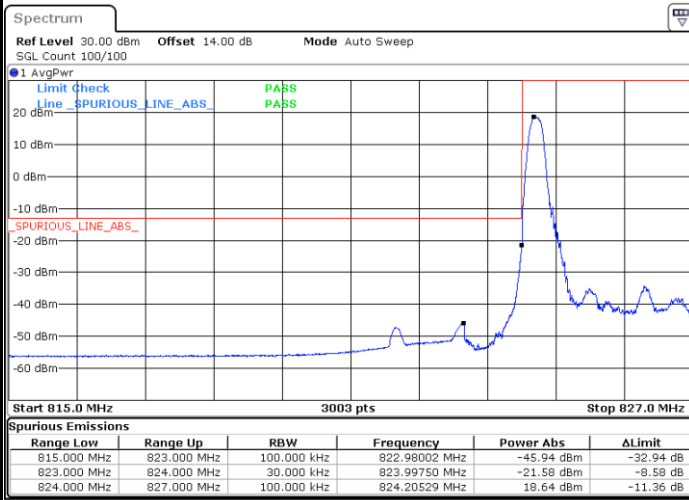
Highest Band Edge / Full RB



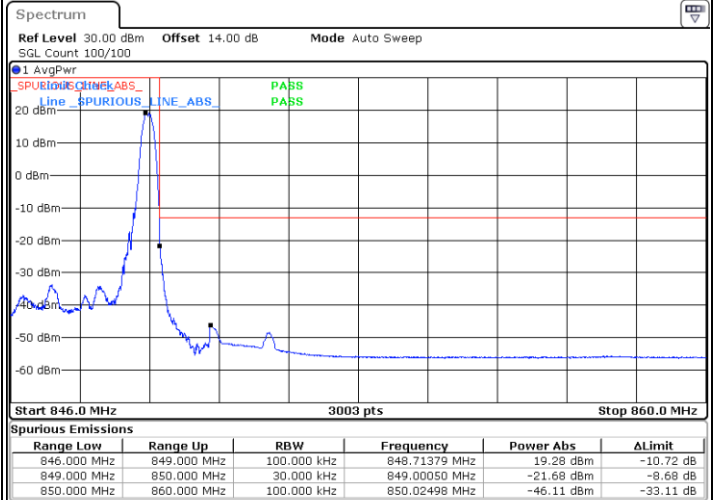


LTE Band 26 / 3MHz / 64QAM

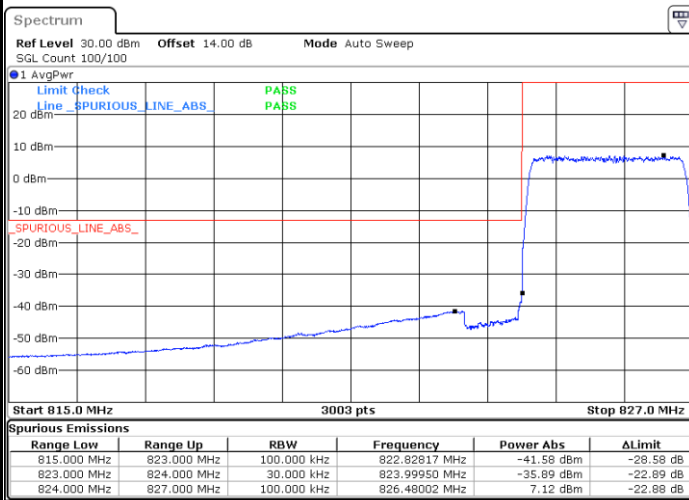
Lowest Band Edge / 1 RB



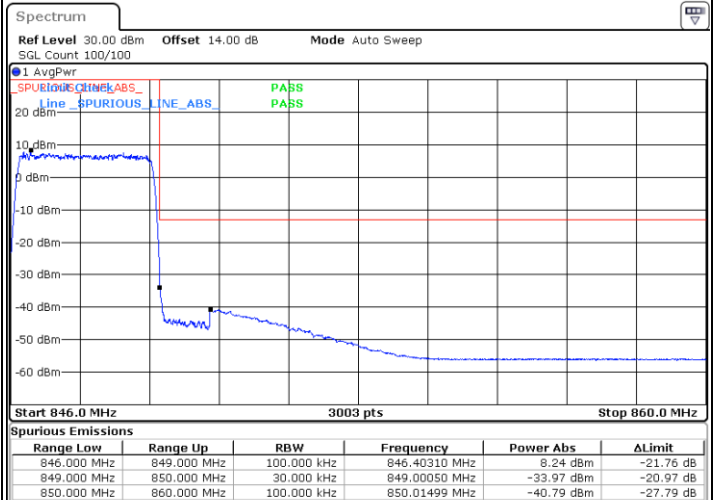
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



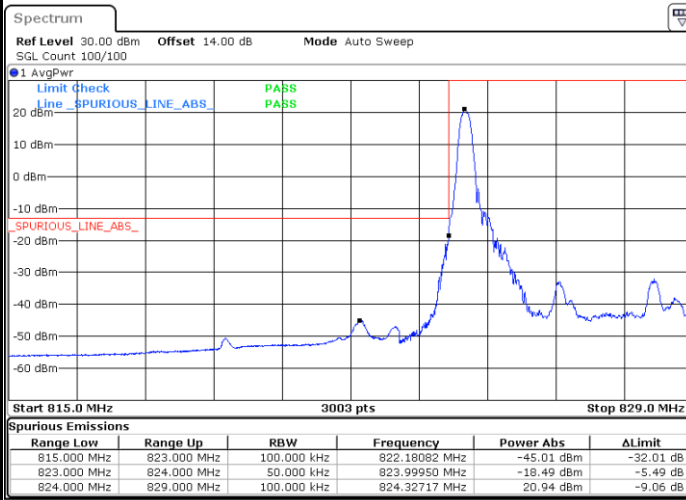
Highest Band Edge / Full RB



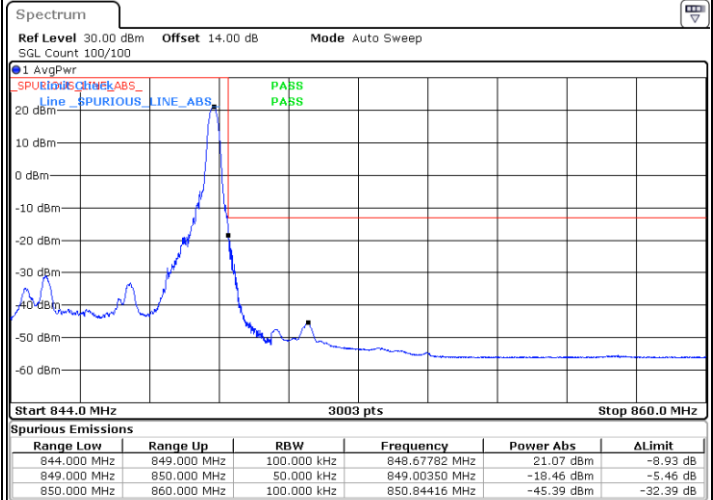


LTE Band 26 / 5MHz / QPSK

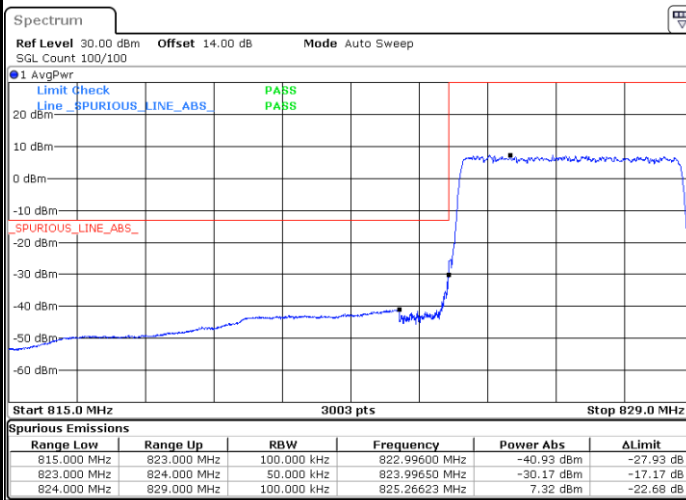
Lowest Band Edge / 1RB



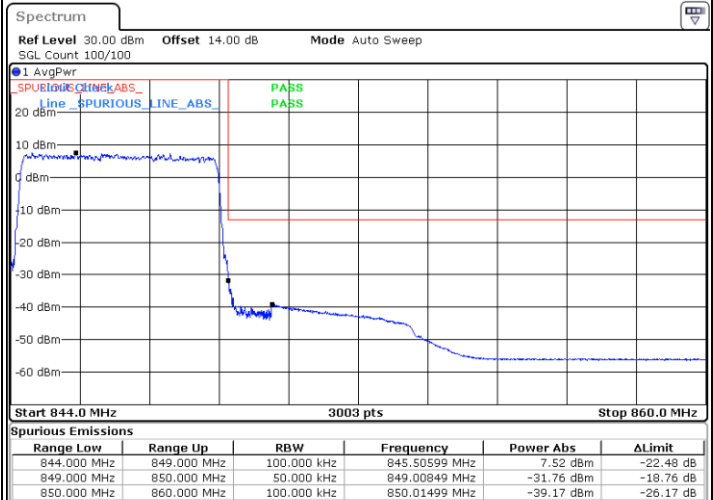
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



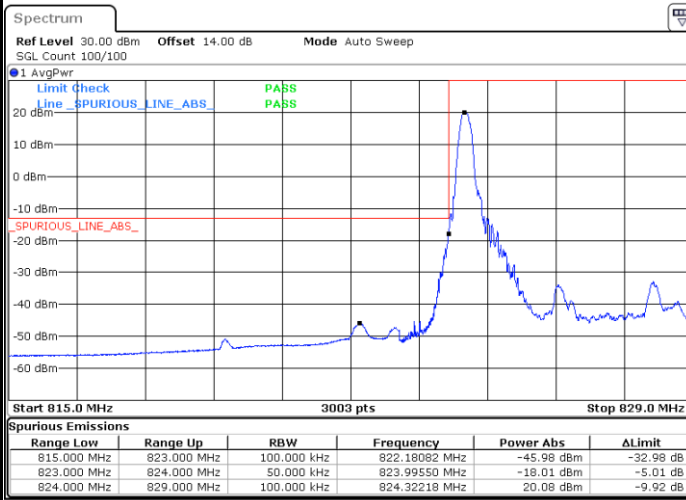
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 16QAM

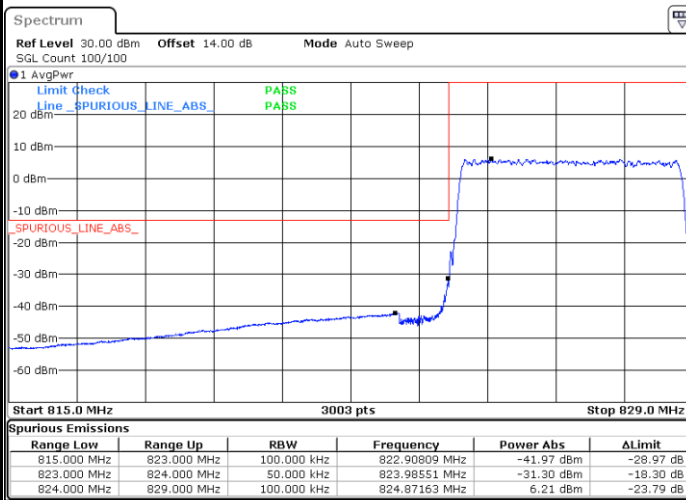
Lowest Band Edge / 1 RB



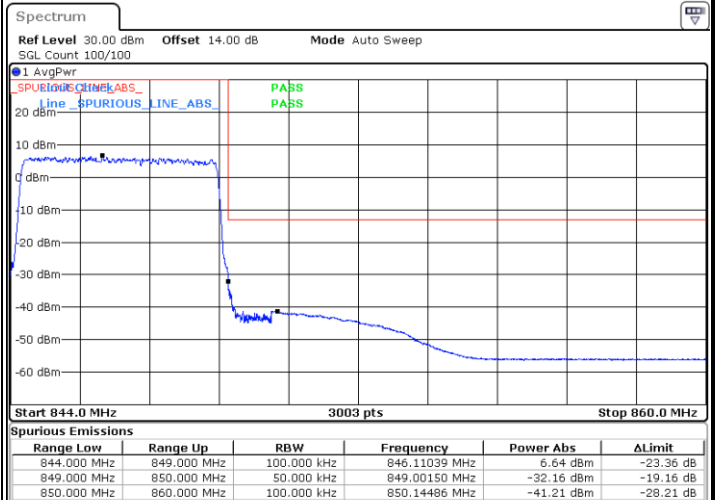
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



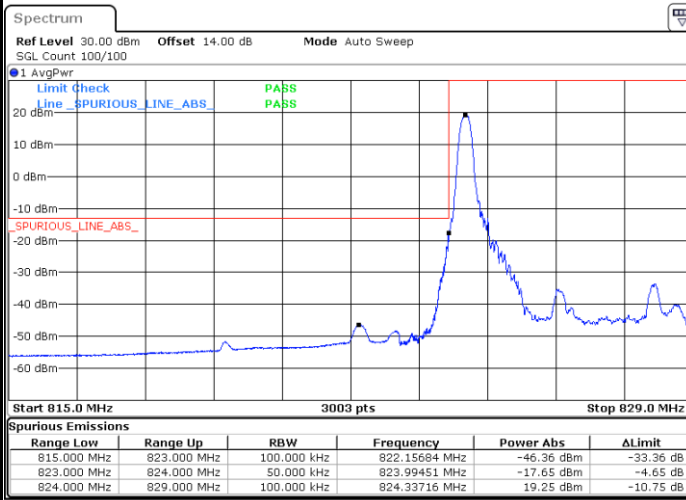
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 64QAM

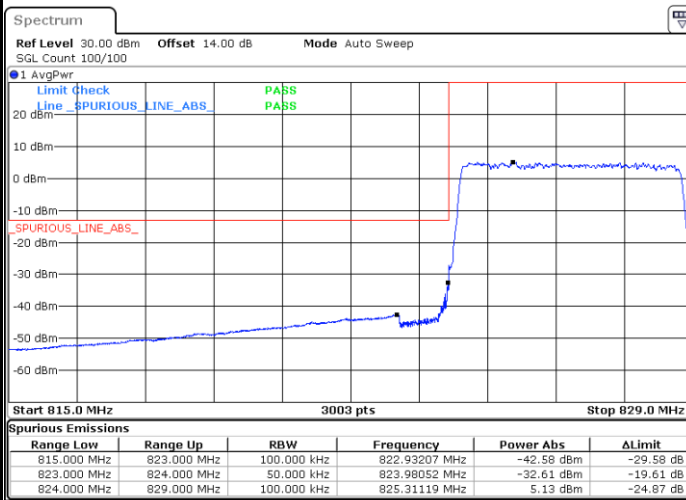
Lowest Band Edge / 1 RB



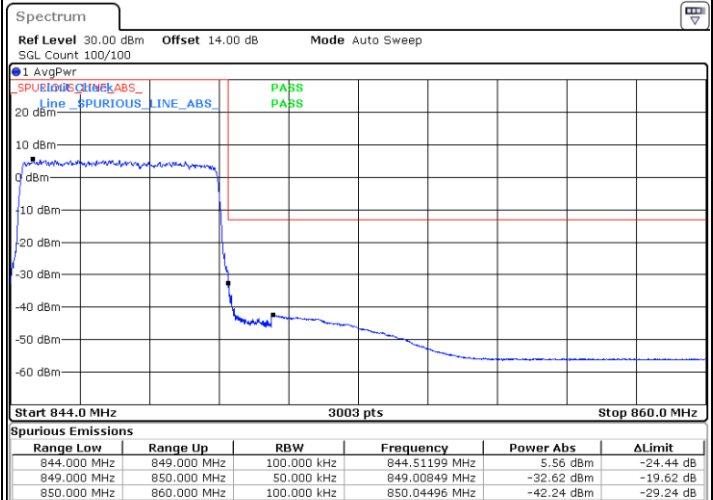
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



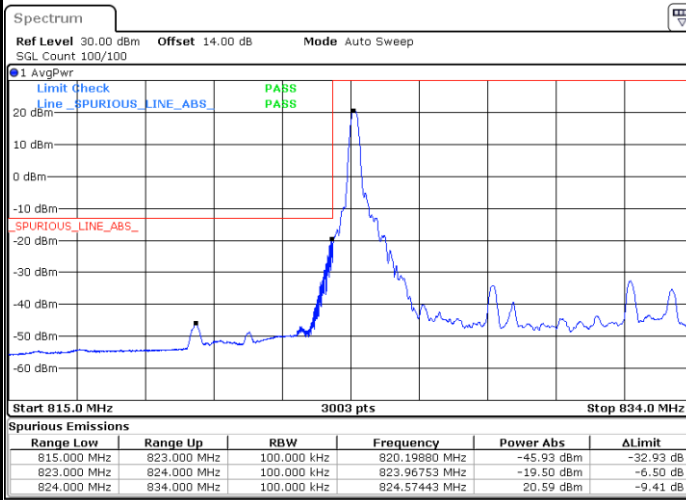
Highest Band Edge / Full RB



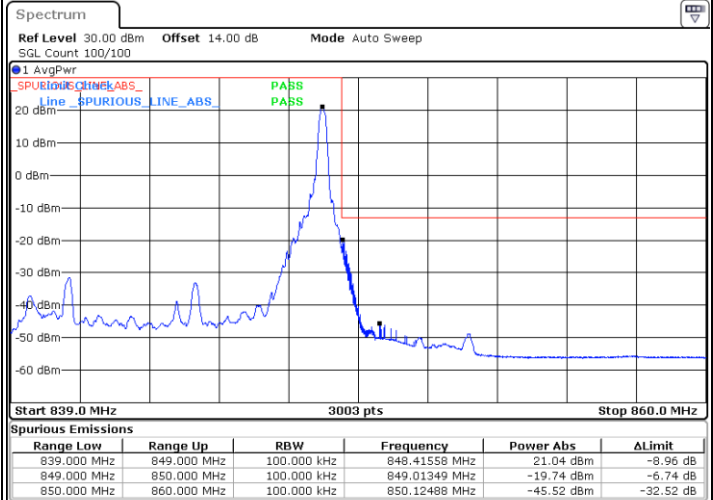


LTE Band 26 / 10MHz / QPSK

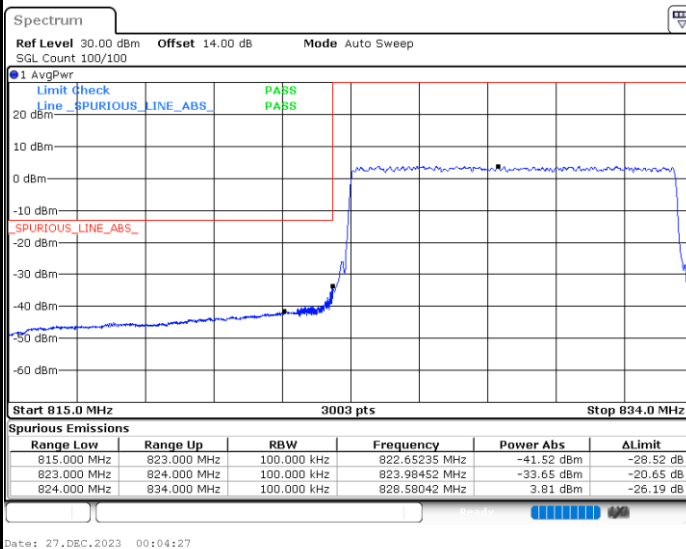
Lowest Band Edge / 1RB



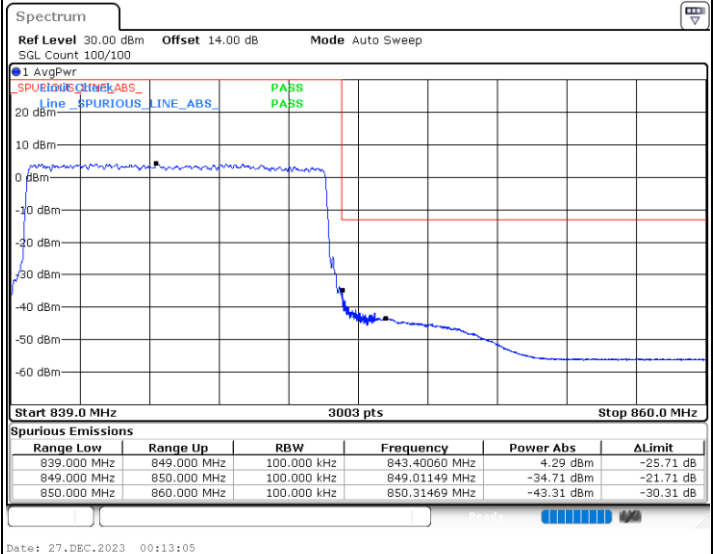
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



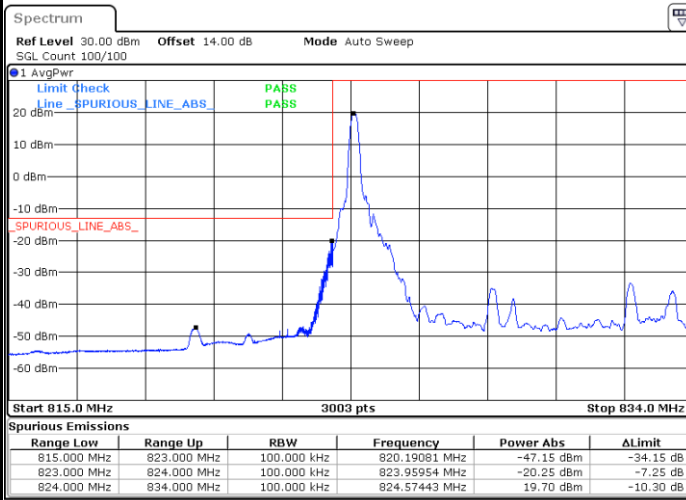
Highest Band Edge / Full RB



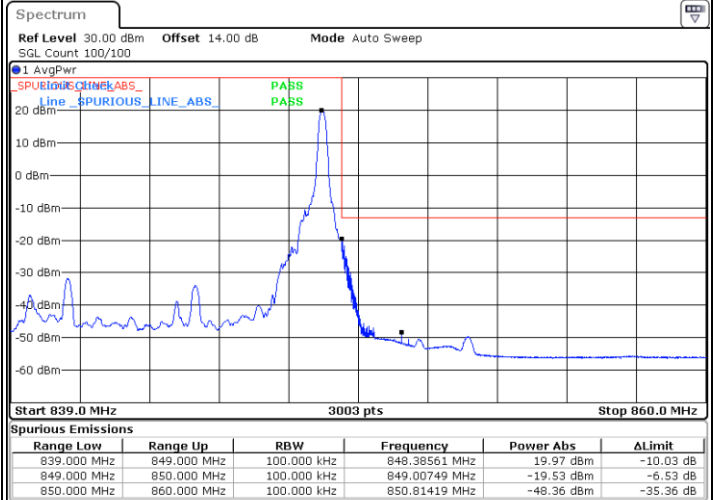


LTE Band 26 / 10MHz / 16QAM

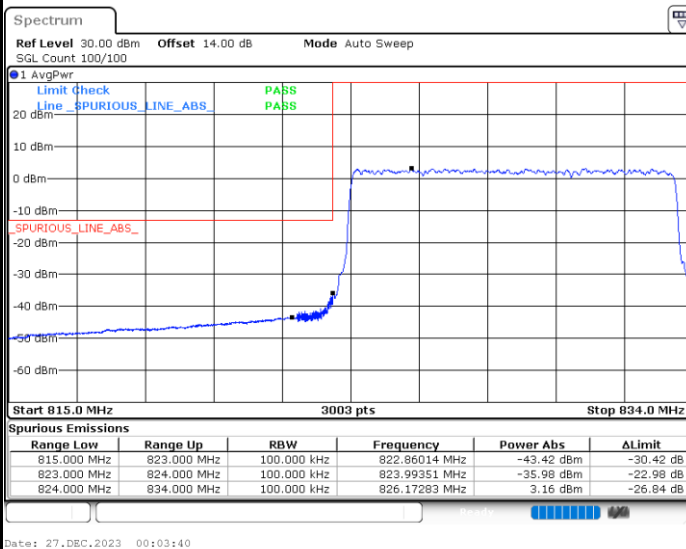
Lowest Band Edge / 1 RB



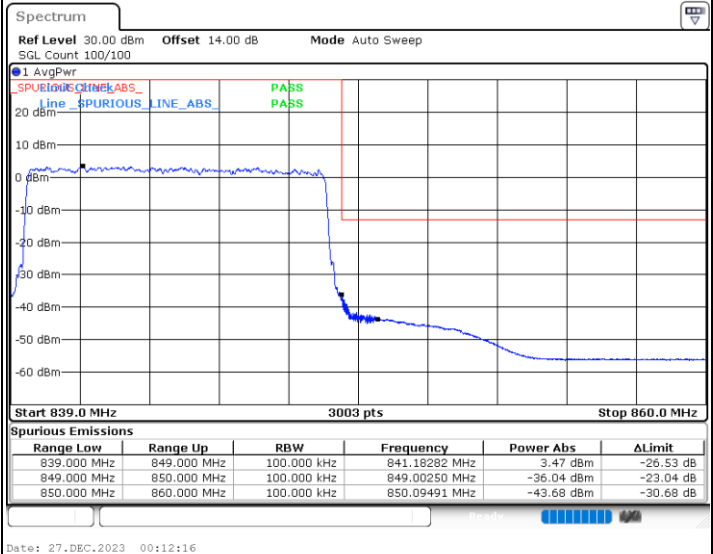
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



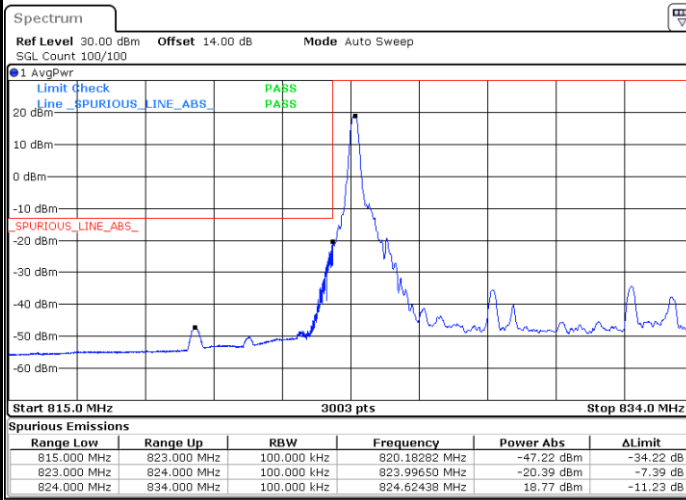
Highest Band Edge / Full RB



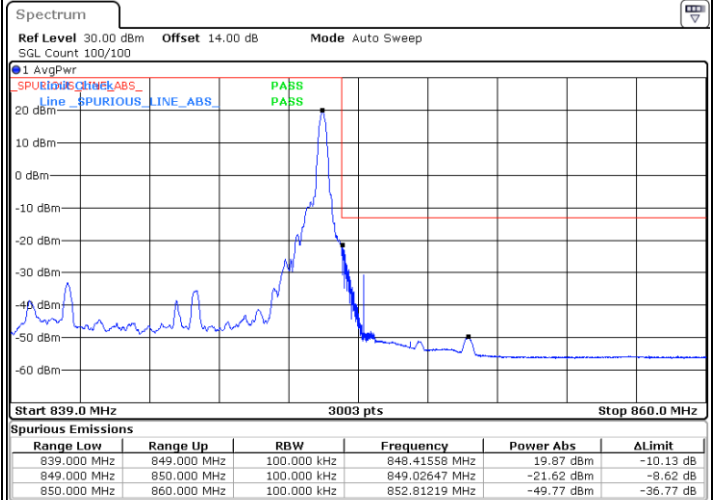


LTE Band 26 / 10MHz / 64QAM

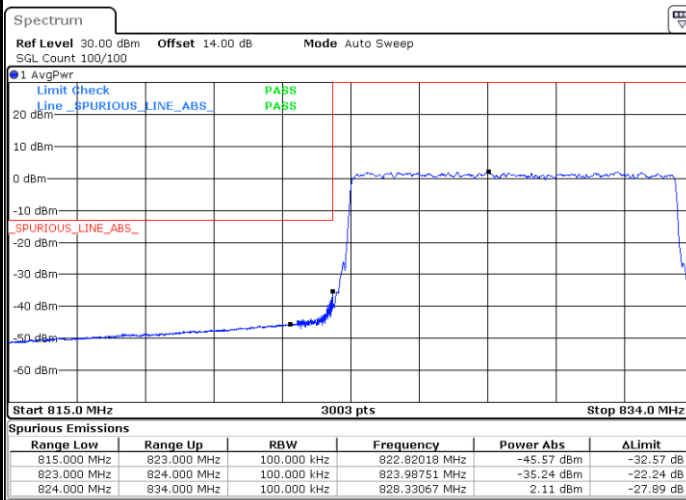
Lowest Band Edge / 1 RB



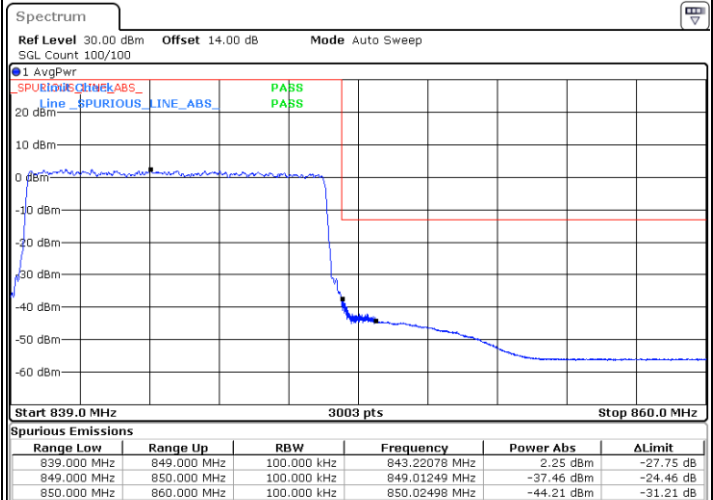
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



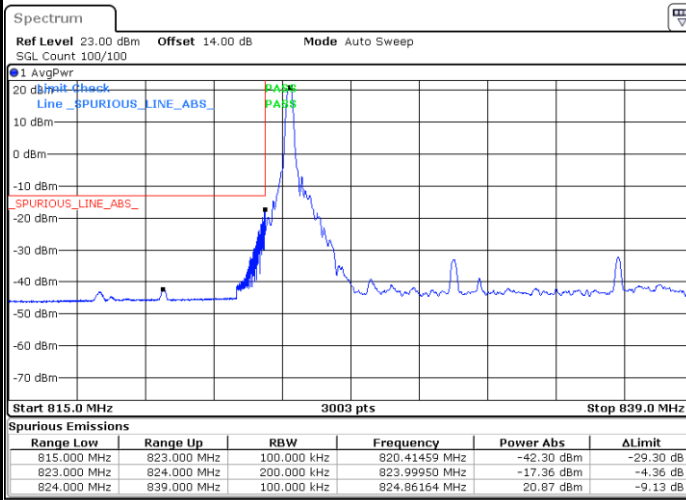
Highest Band Edge / Full RB



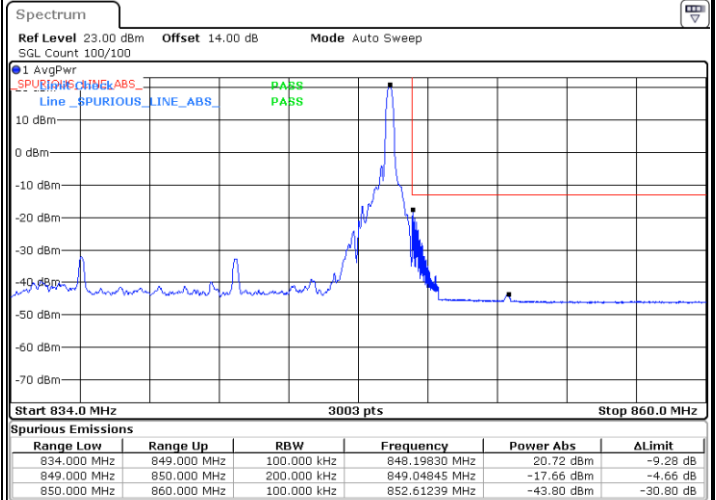


LTE Band 26 / 15MHz / QPSK

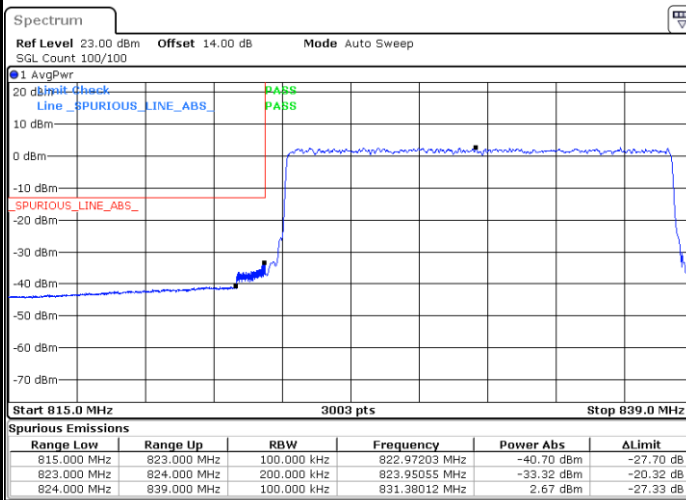
Lowest Band Edge / 1RB



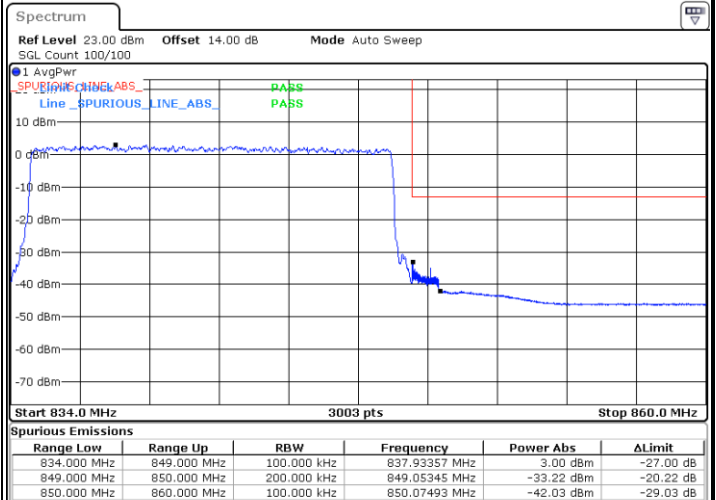
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



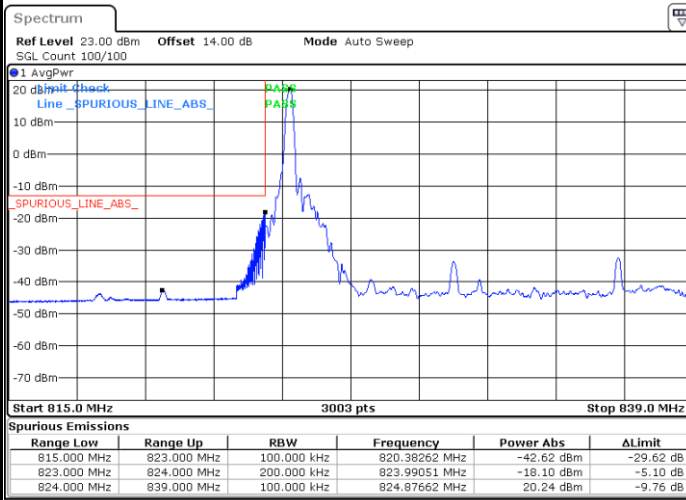
Highest Band Edge / Full RB



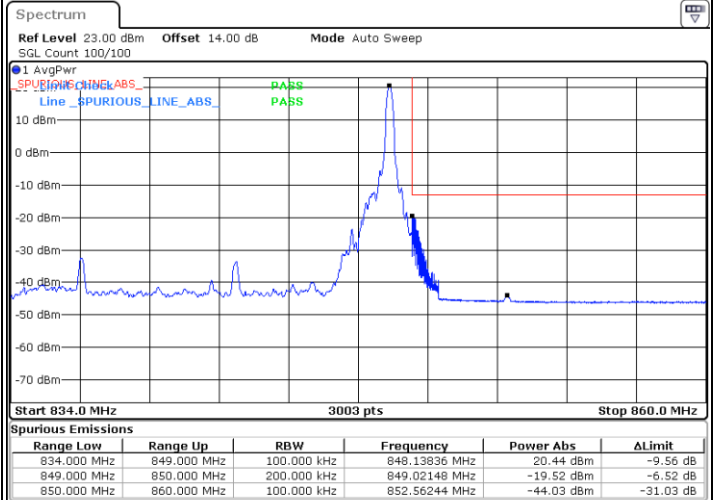


LTE Band 26 / 15MHz / 16QAM

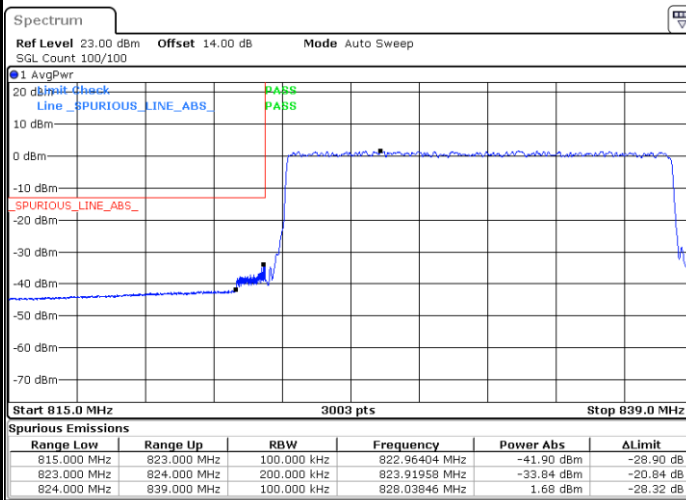
Lowest Band Edge / 1 RB



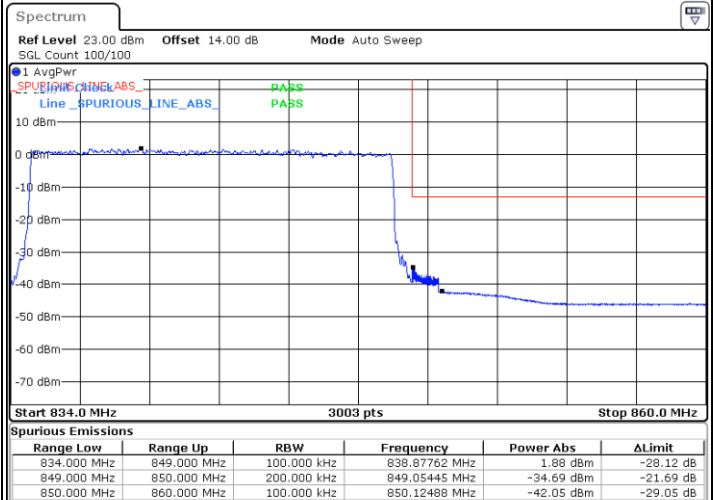
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



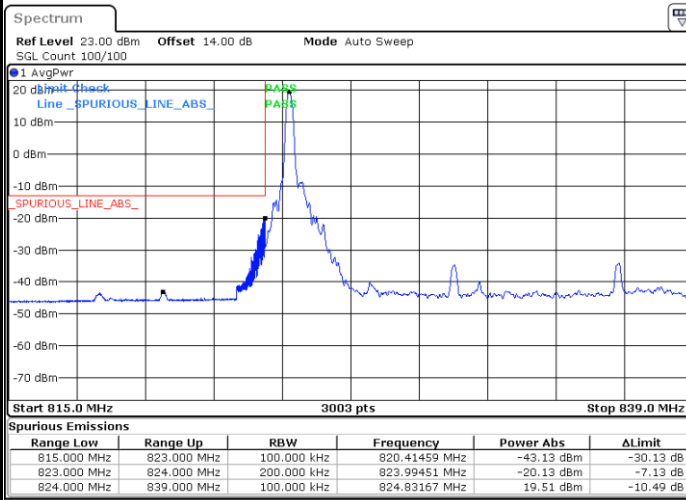
Highest Band Edge / Full RB



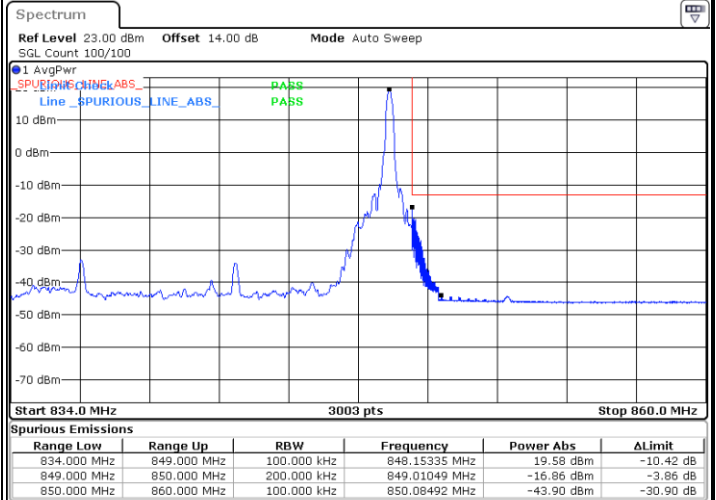


LTE Band 26 / 15MHz / 64QAM

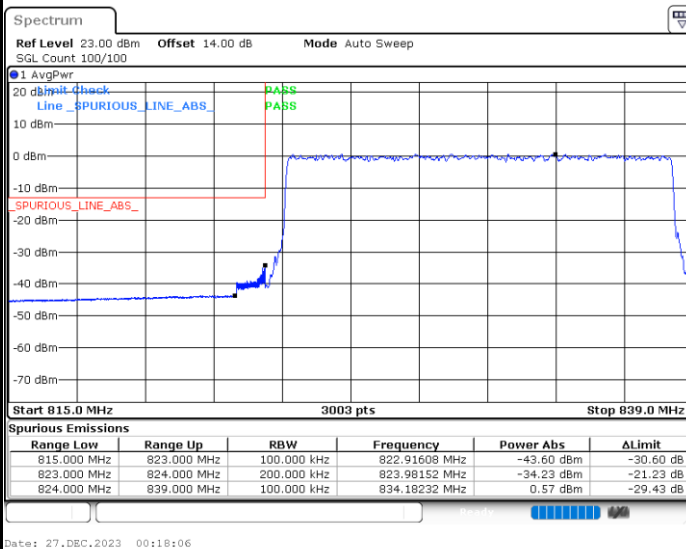
Lowest Band Edge / 1 RB



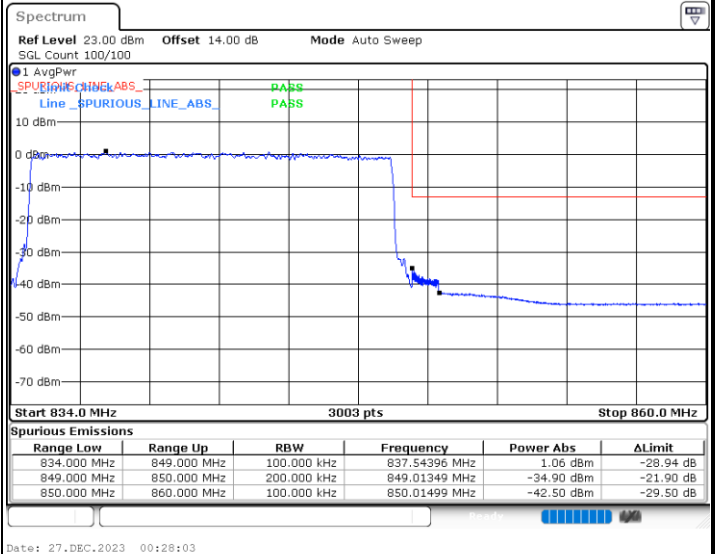
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

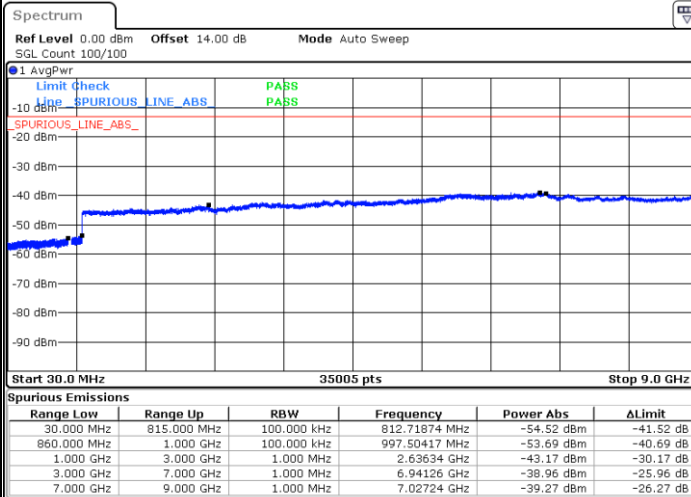




Conducted Spurious Emission

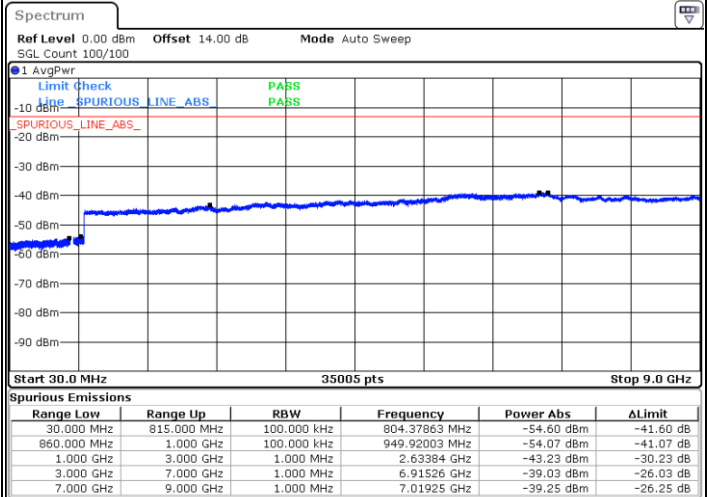
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



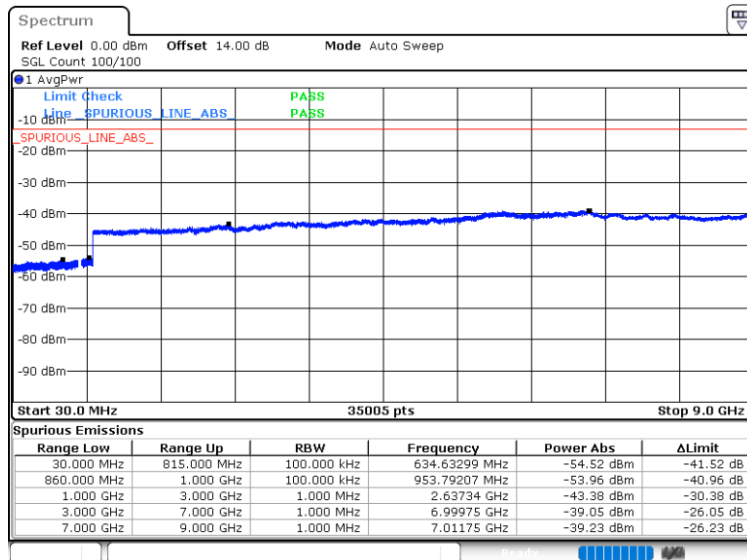
Date: 26.DEC.2023 23:19:46

Middle Channel / QPSK



Date: 26.DEC.2023 23:20:57

Highest Channel / QPSK

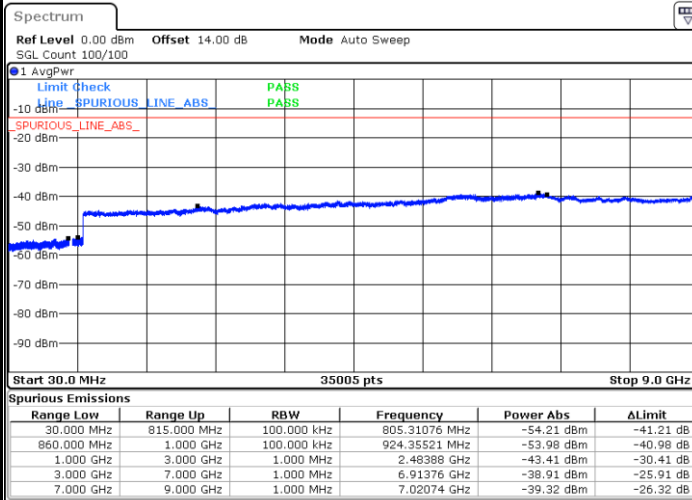


Date: 26.DEC.2023 23:28:25



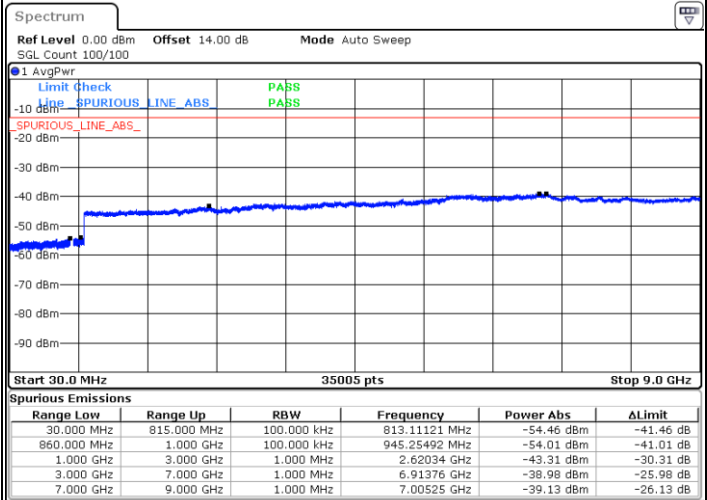
LTE Band 26 / 3MHz

Lowest Channel / QPSK



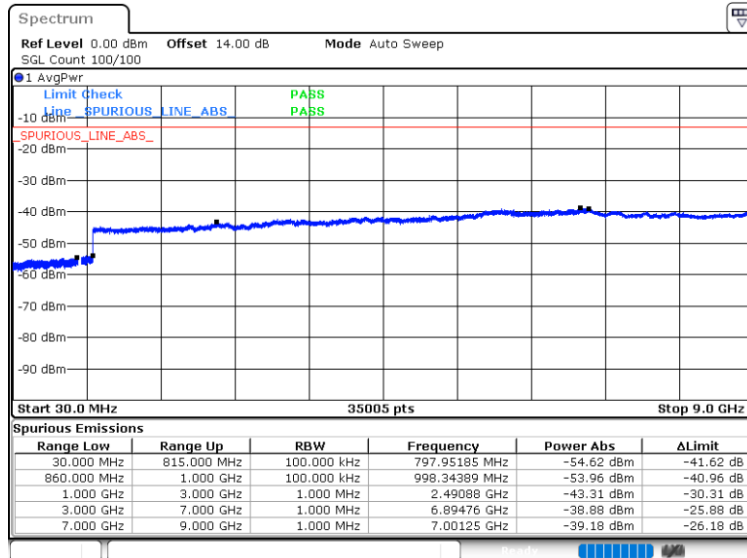
Date: 26.DEC.2023 23:35:06

Middle Channel / QPSK



Date: 26.DEC.2023 23:36:16

Highest Channel / QPSK

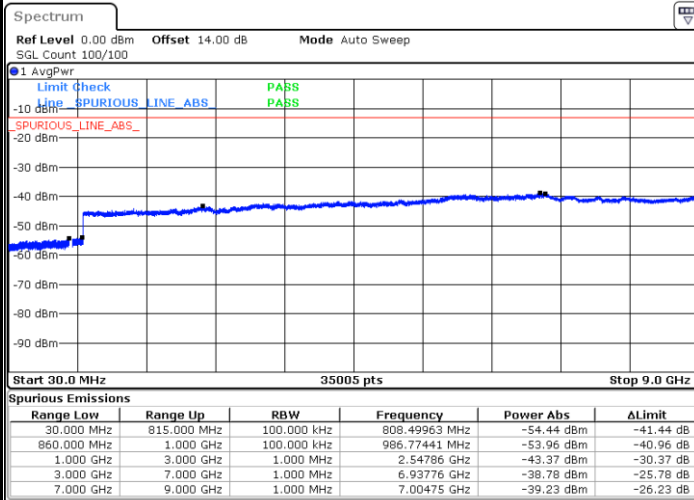


Date: 26.DEC.2023 23:43:43



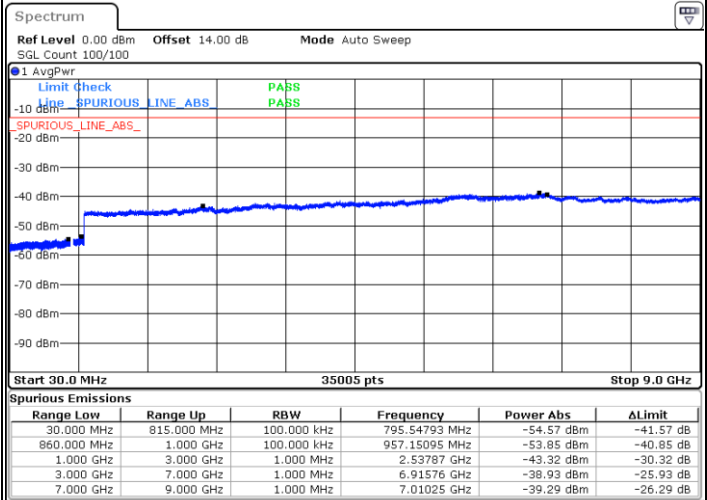
LTE Band 26 / 5MHz

Lowest Channel / QPSK



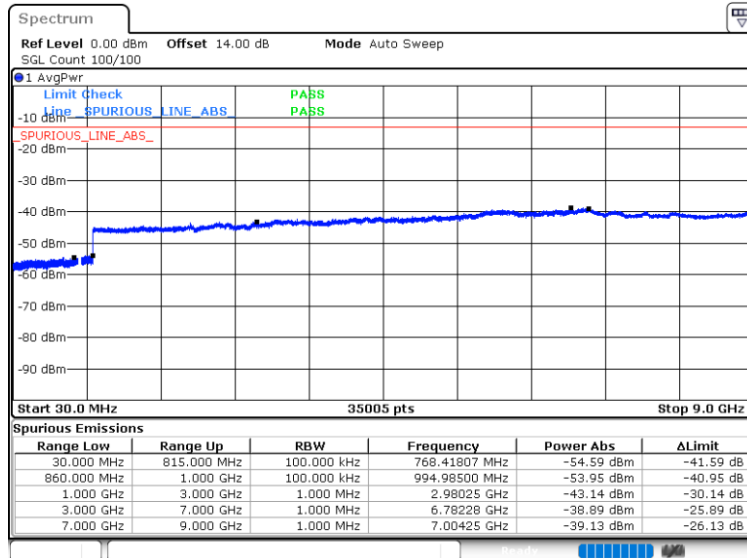
Date: 26.DEC.2023 23:50:21

Middle Channel / QPSK



Date: 26.DEC.2023 23:51:32

Highest Channel / QPSK

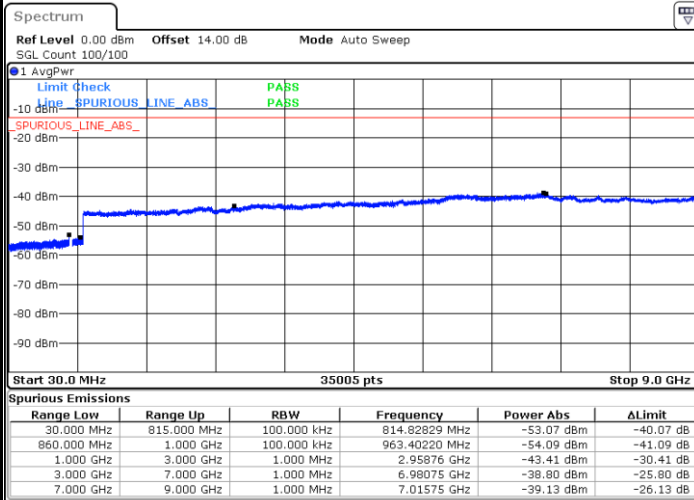


Date: 26.DEC.2023 23:58:59



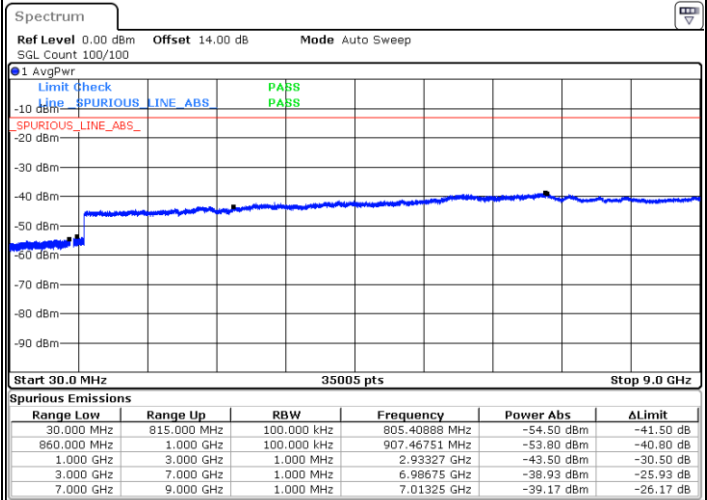
LTE Band 26 / 10MHz

Lowest Channel / QPSK



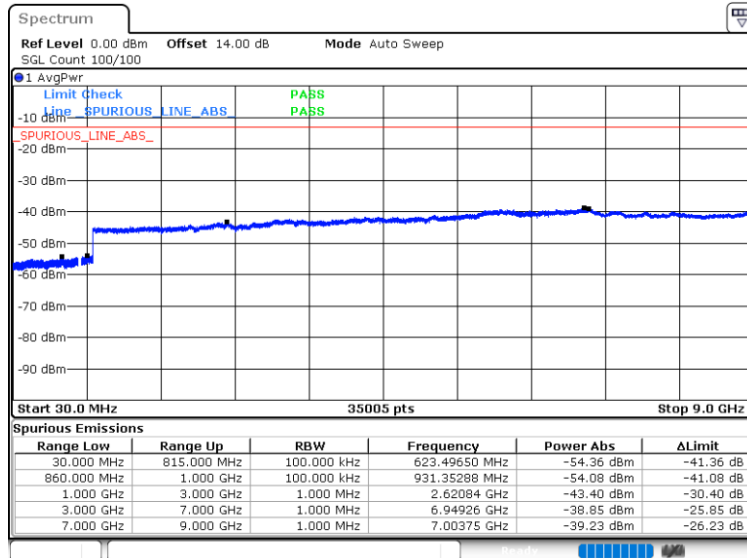
Date: 27.DEC.2023 00:05:38

Middle Channel / QPSK



Date: 27.DEC.2023 00:06:49

Highest Channel / QPSK

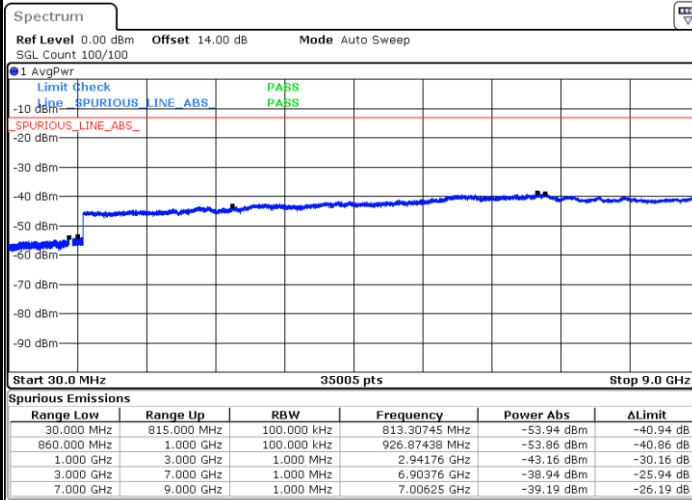


Date: 27.DEC.2023 00:14:16



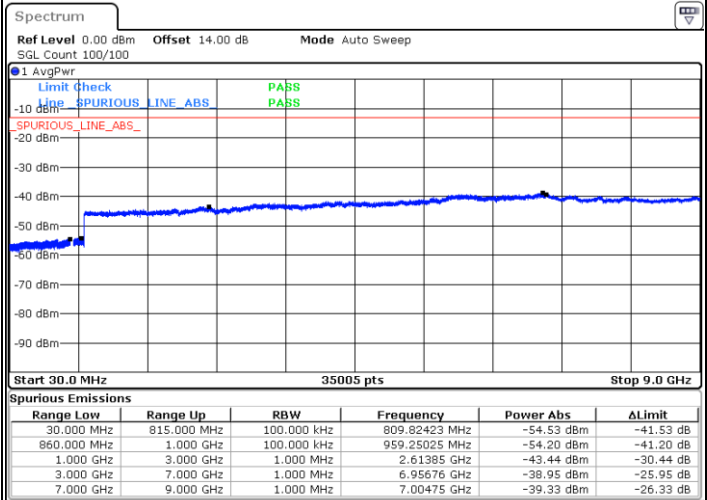
LTE Band 26 / 15MHz

Lowest Channel / QPSK



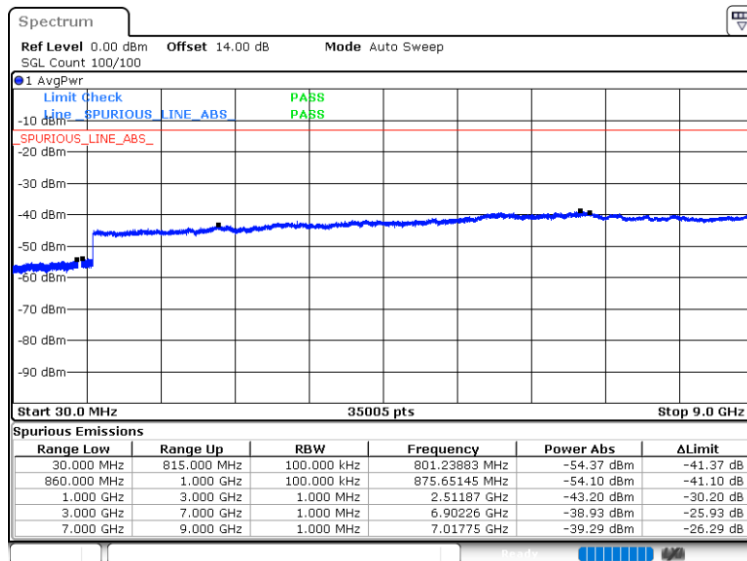
Date: 27.DEC.2023 00:20:49

Middle Channel / QPSK



Date: 27.DEC.2023 00:21:59

Highest Channel / QPSK



Date: 27.DEC.2023 00:30:54

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note: Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.