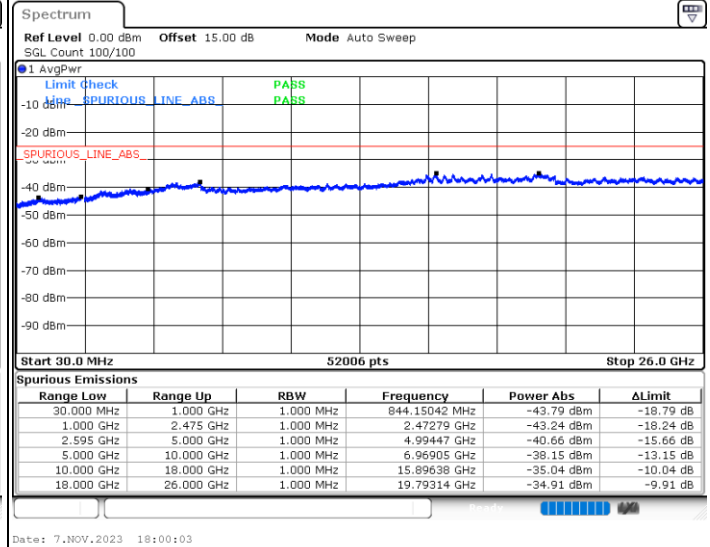
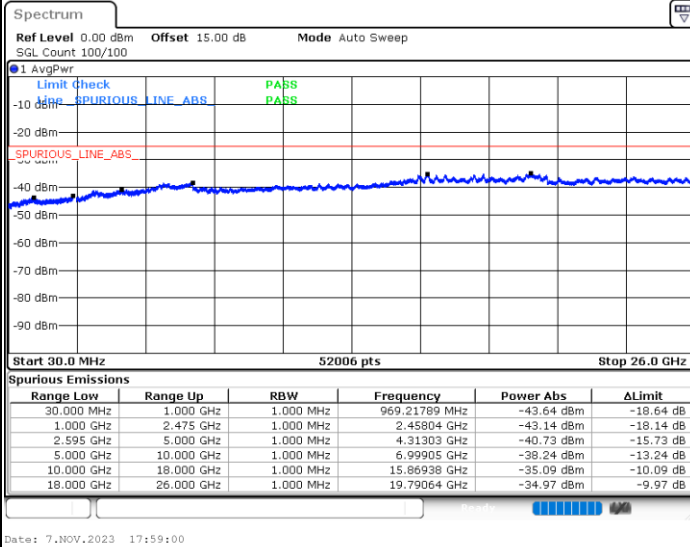




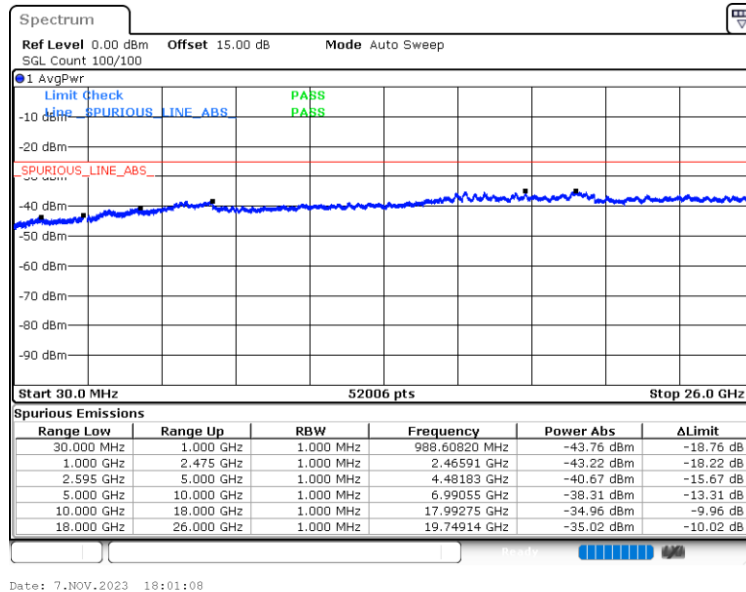
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



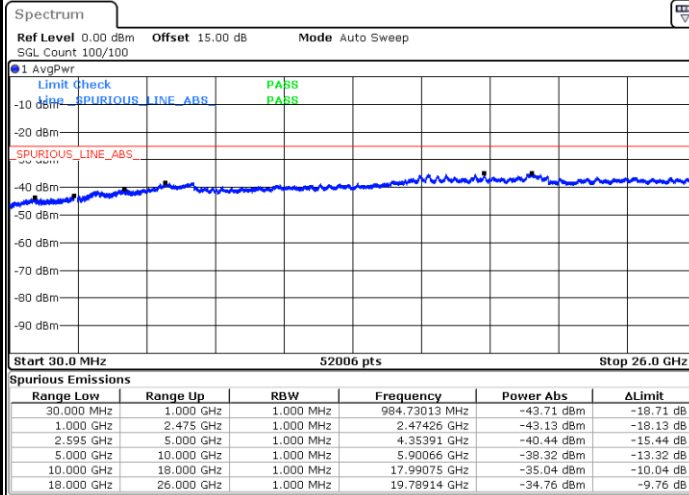
Highest Channel / QPSK





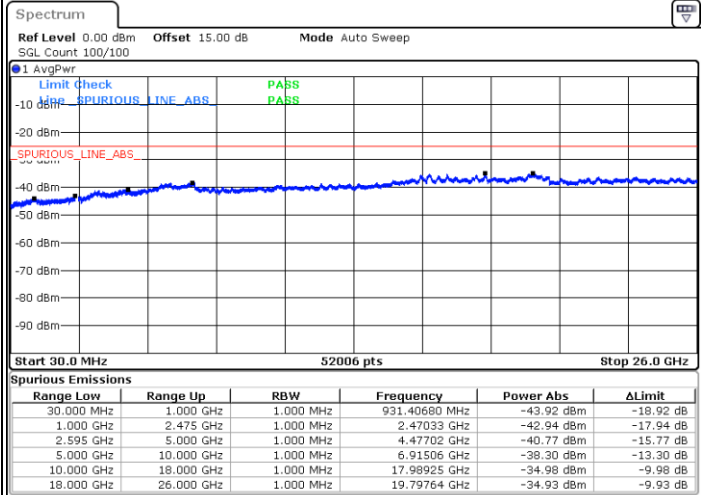
LTE Band 7 / 15MHz

Lowest Channel / QPSK



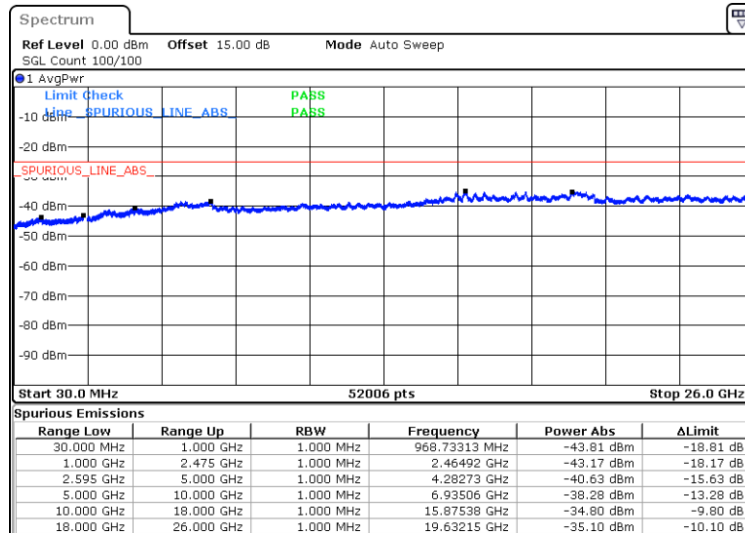
Date: 7.NOV.2023 18:03:41

Middle Channel / QPSK



Date: 7.NOV.2023 18:04:54

Highest Channel / QPSK

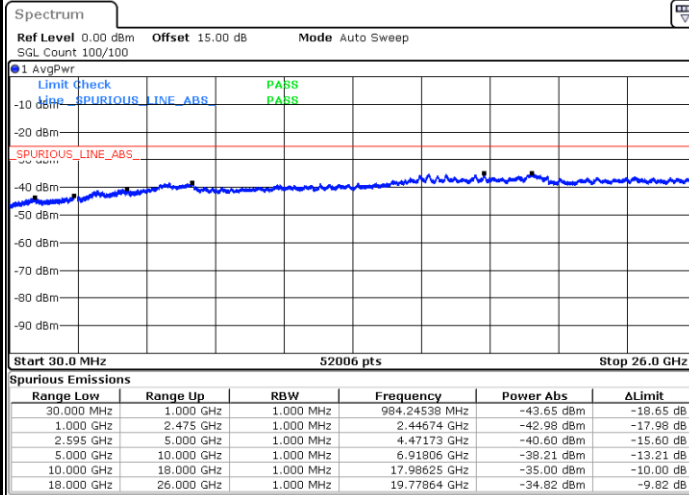


Date: 7.NOV.2023 18:05:59



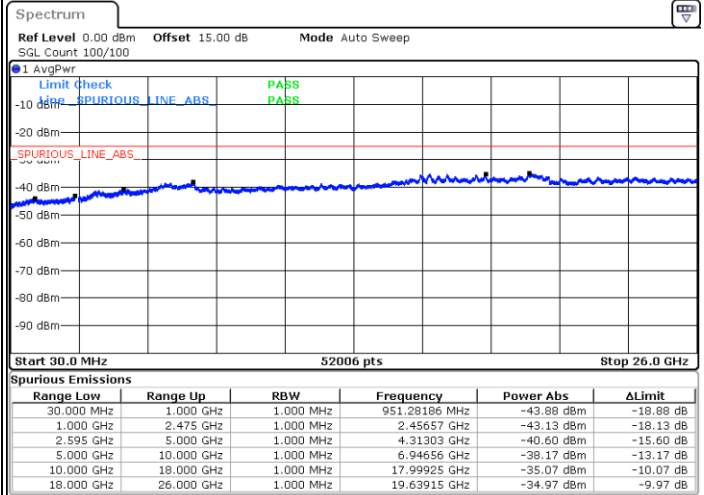
LTE Band 7 / 20MHz

Lowest Channel / QPSK



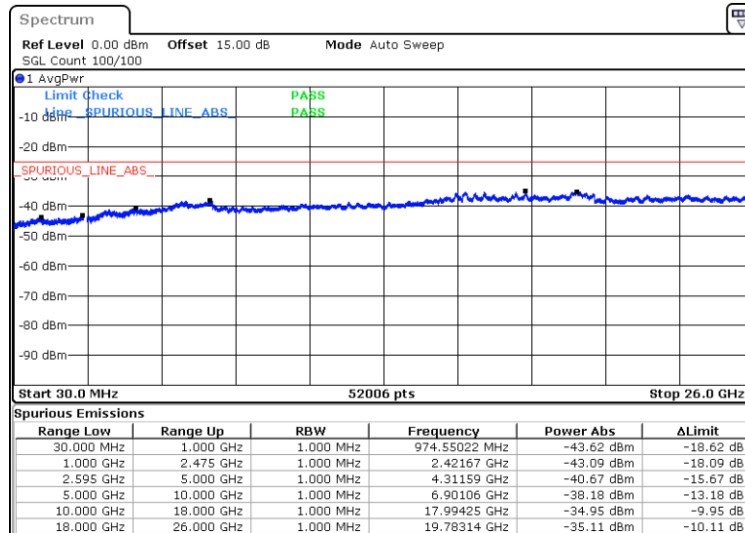
Date: 7.NOV.2023 18:07:19

Middle Channel / QPSK



Date: 7.NOV.2023 18:08:21

Highest Channel / QPSK



Date: 7.NOV.2023 18:09:20

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

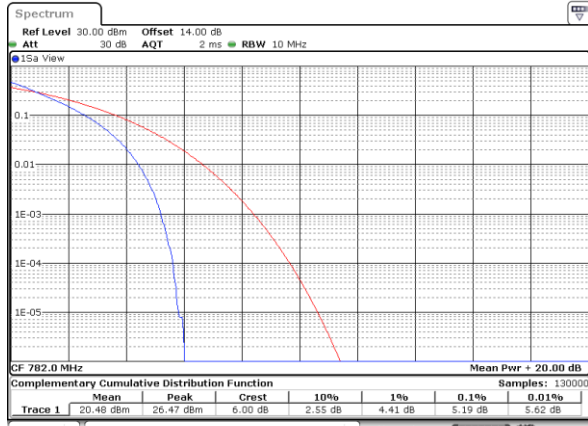
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.19	6.14	6.38	PASS



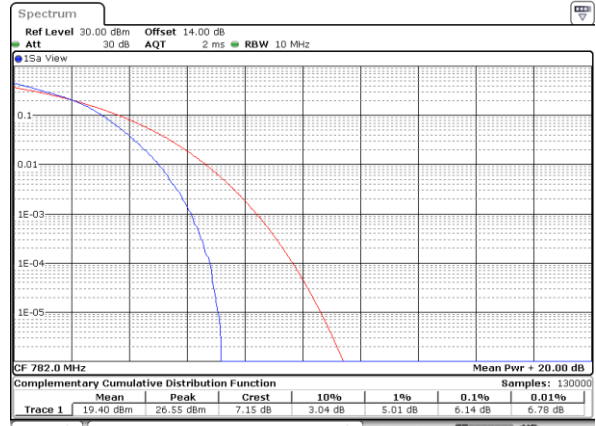
LTE Band 13 / 10MHz / QPSK

Middle Channel / Full RB



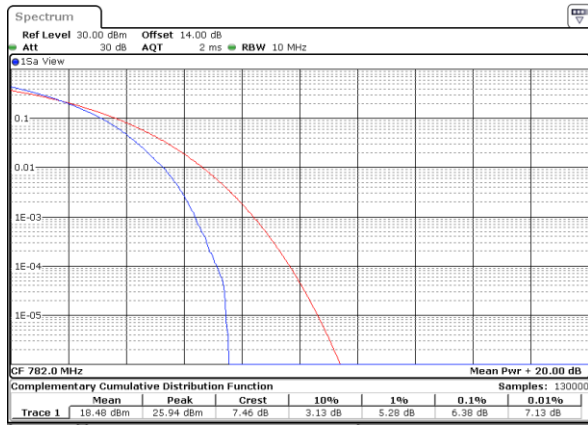
LTE Band 13 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 13 / 10MHz / 64QAM

Middle Channel / Full RB



NA



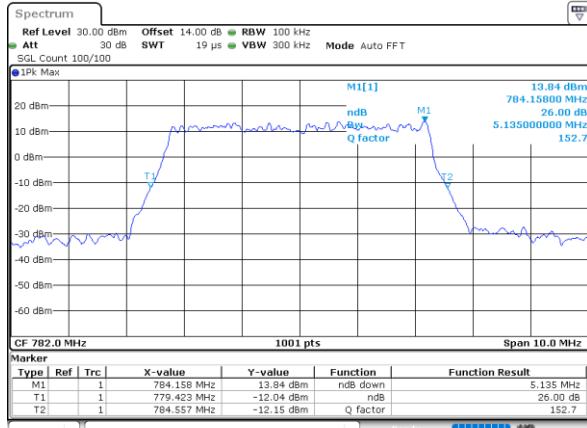
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
BW					5MHz		10MHz					
Mod.					QPSK	16QAM	QPSK	16QAM				
Middle CH					5.14	4.95	10.13	9.89				



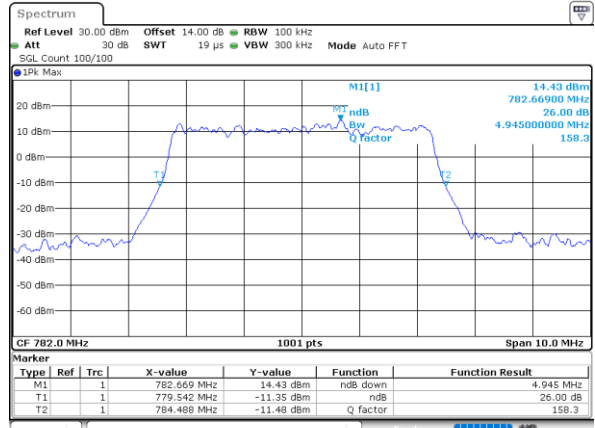
LTE Band 13

Middle Channel / 5MHz / QPSK



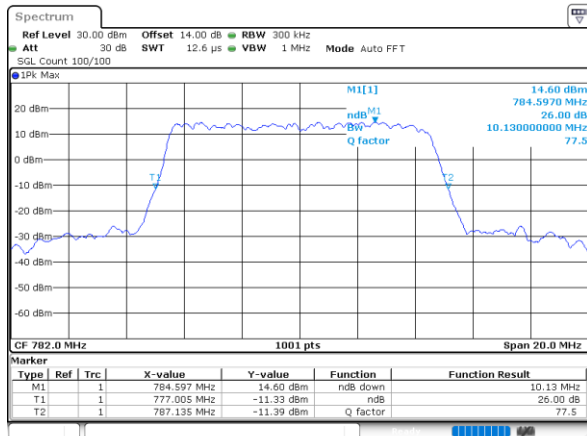
Date: 28.OCT.2023 00:26:59

Middle Channel / 5MHz / 16QAM



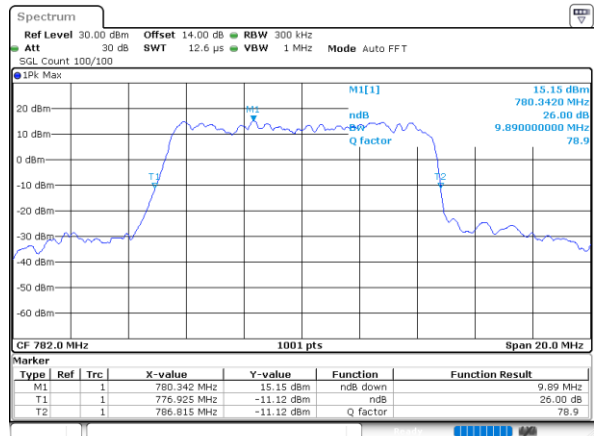
Date: 28.OCT.2023 00:27:39

Middle Channel / 10MHz / QPSK



Date: 28.OCT.2023 00:38:40

Middle Channel / 10MHz / 16QAM



Date: 28.OCT.2023 00:39:20



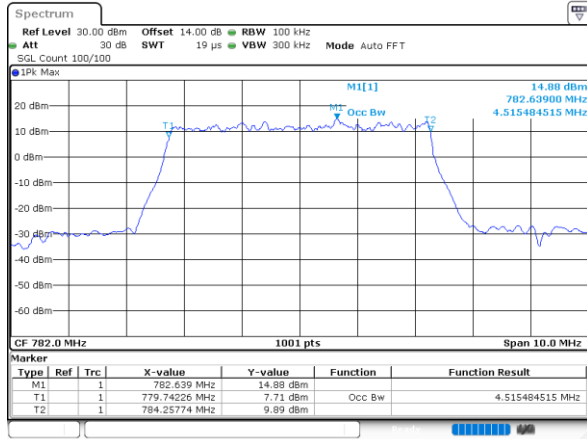
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
BW					5MHz		10MHz					
Mod.					QPSK	16QAM	QPSK	16QAM				
Middle CH					4.52	4.49	9.07	9.05				

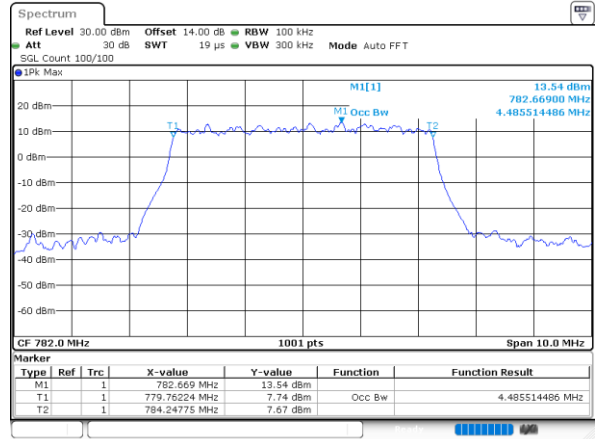


LTE Band 13

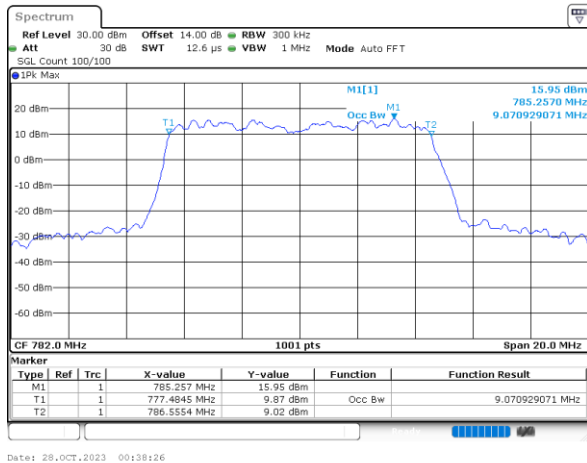
Middle Channel / 5MHz / QPSK



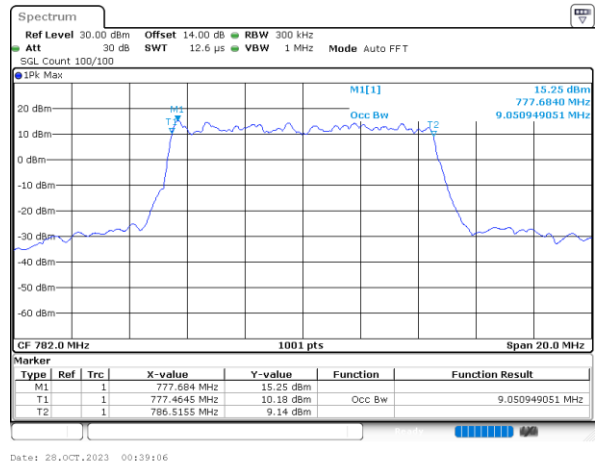
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

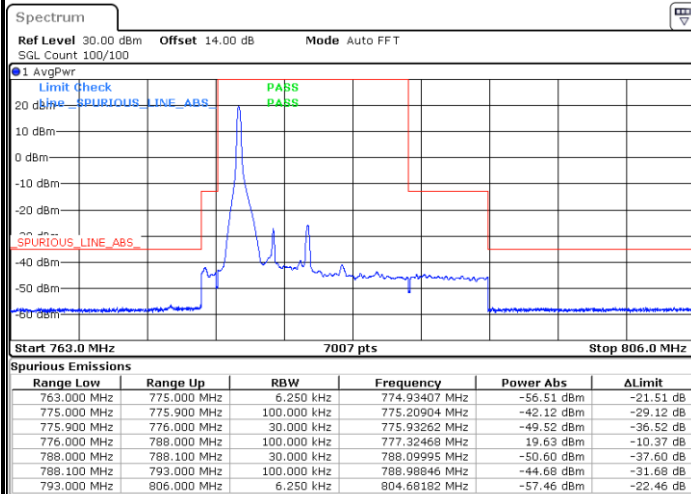




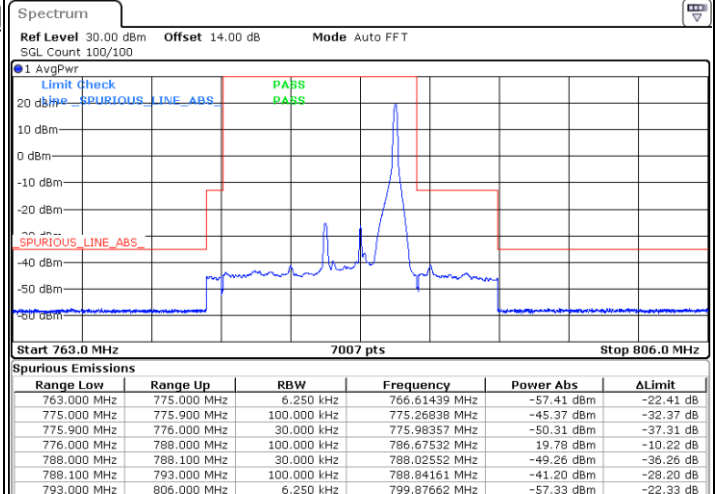
Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

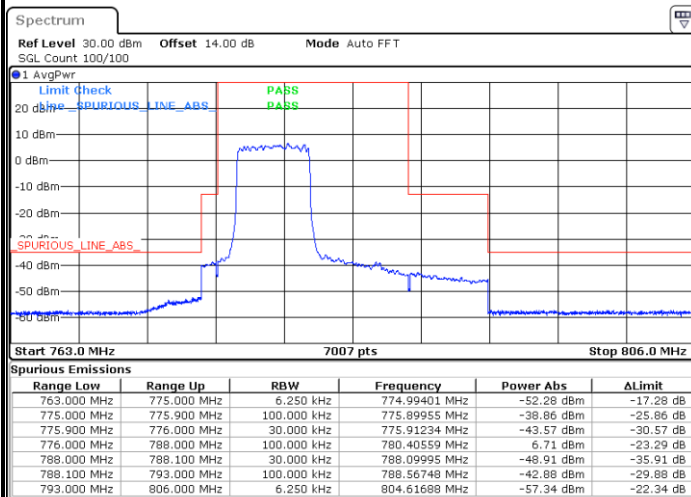
Lowest Band Edge / 1 RB



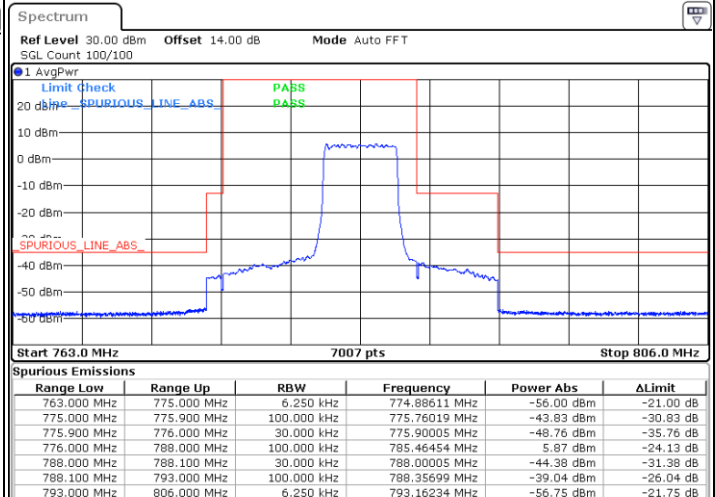
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



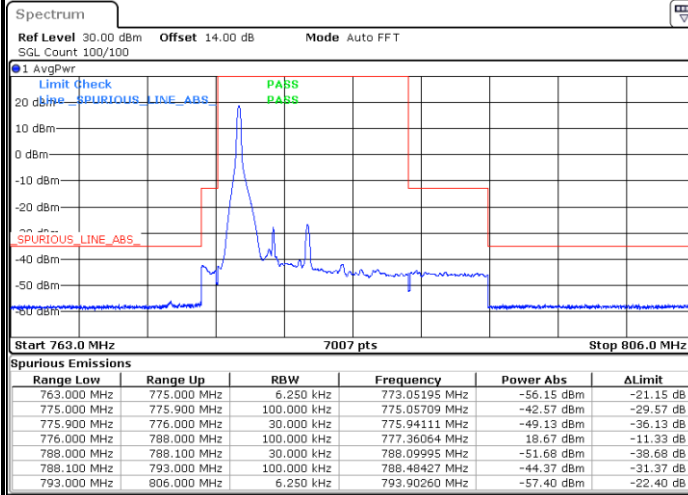
Highest Band Edge / Full RB





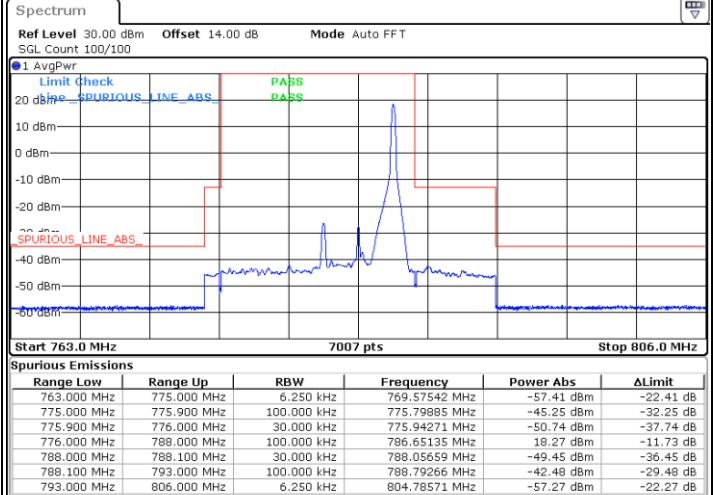
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



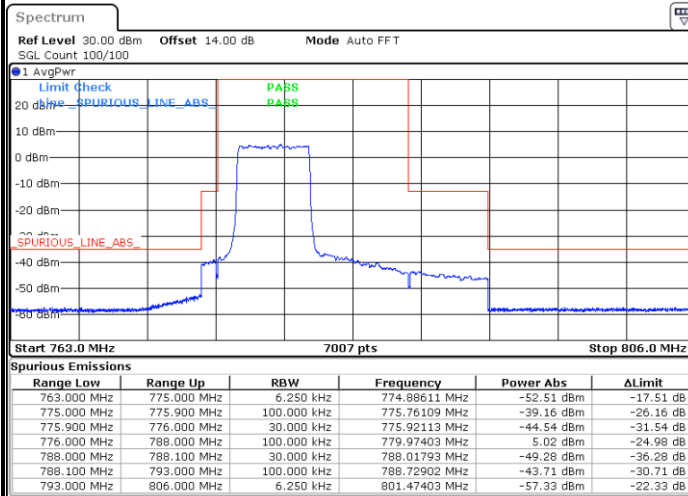
Date: 28.OCT.2023 00:22:09

Highest Band Edge / 1 RB



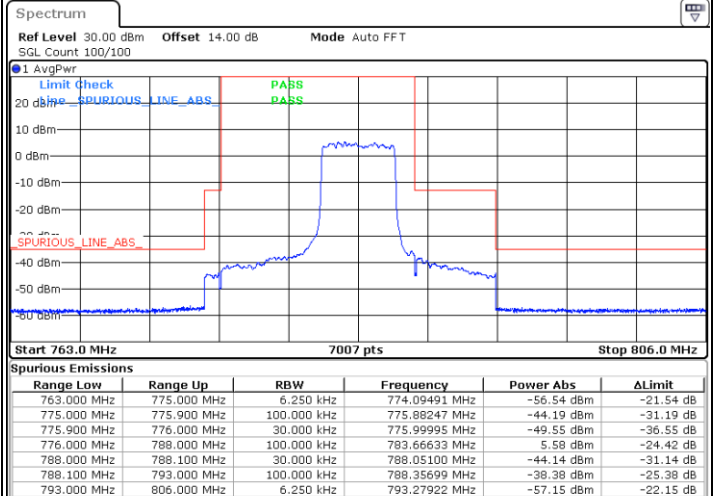
Date: 28.OCT.2023 00:28:39

Lowest Band Edge / Full RB



Date: 28.OCT.2023 00:23:40

Highest Band Edge / Full RB

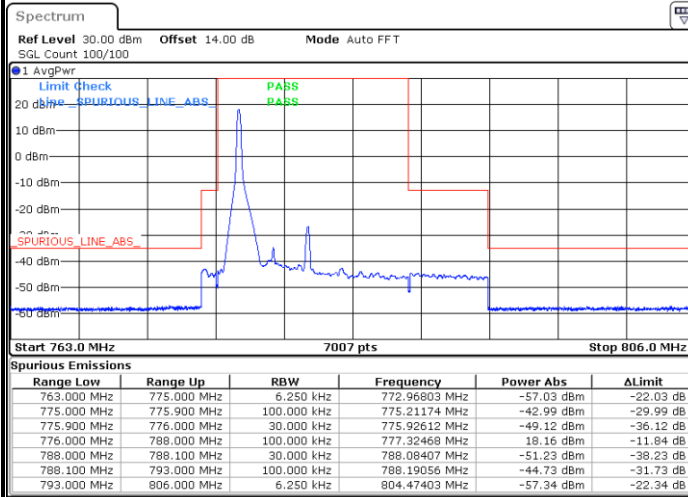


Date: 28.OCT.2023 00:30:10



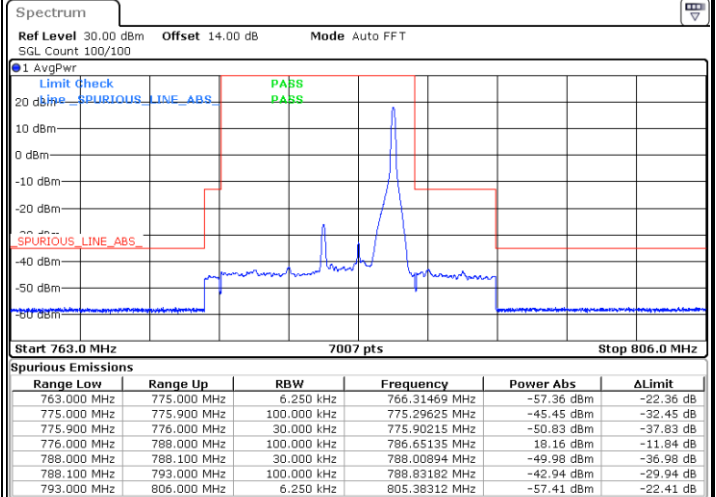
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



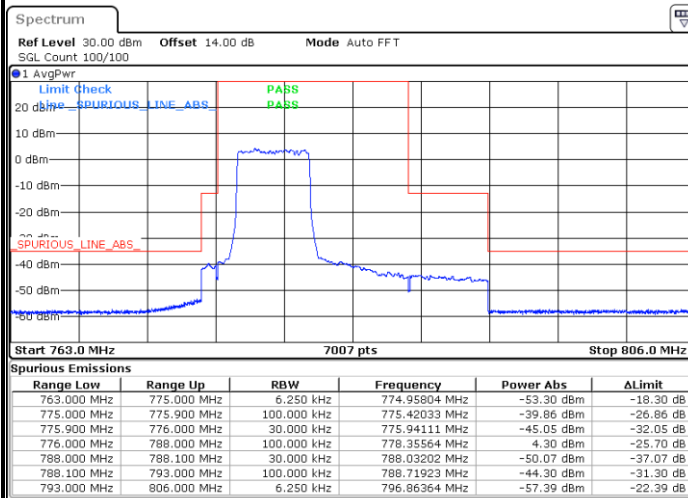
Date: 28.OCT.2023 00:22:39

Highest Band Edge / 1 RB



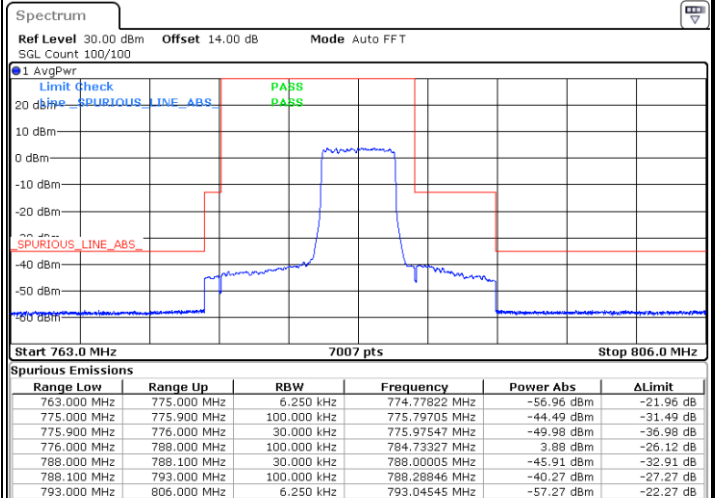
Date: 28.OCT.2023 00:29:09

Lowest Band Edge / Full RB



Date: 28.OCT.2023 00:24:10

Highest Band Edge / Full RB

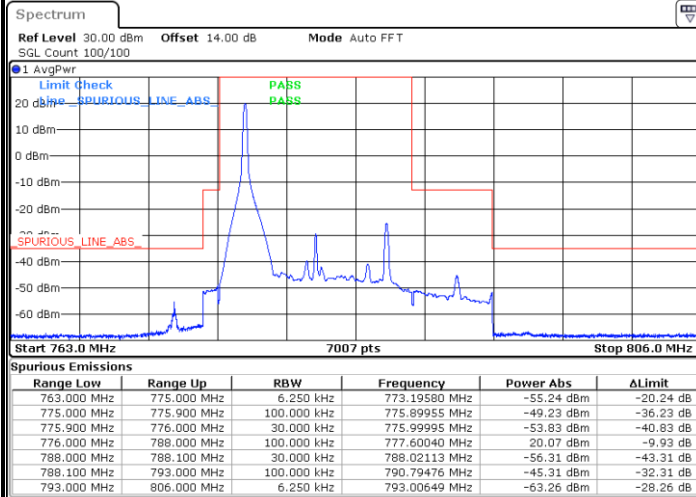


Date: 28.OCT.2023 00:30:40



LTE Band 13 / 10MHz / QPSK

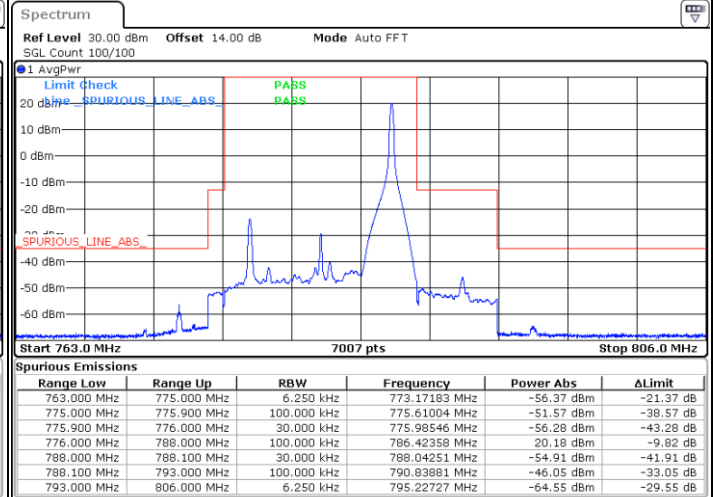
Band Edge / 1 RB



Date: 28.OCT.2023 00:32:58

LTE Band 13 / 10MHz / QPSK

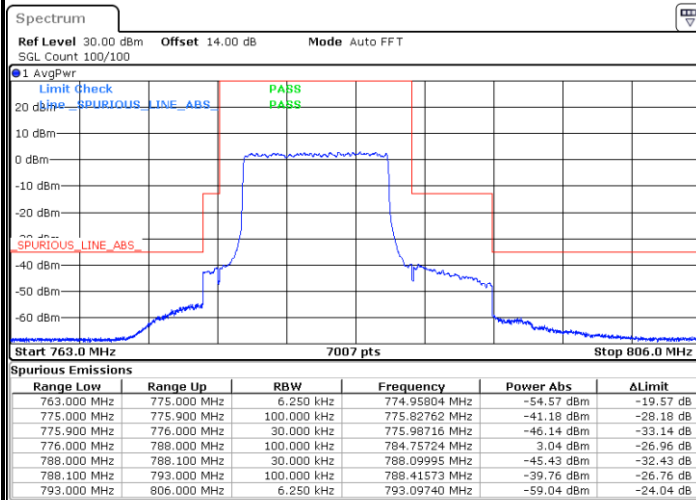
Band Edge / 1 RB



Date: 28.OCT.2023 00:34:27

LTE Band 13 / 10MHz / QPSK

Band Edge / Full RB



Date: 28.OCT.2023 00:35:57

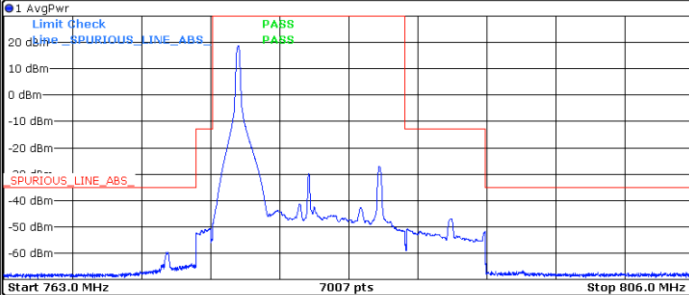
NA



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

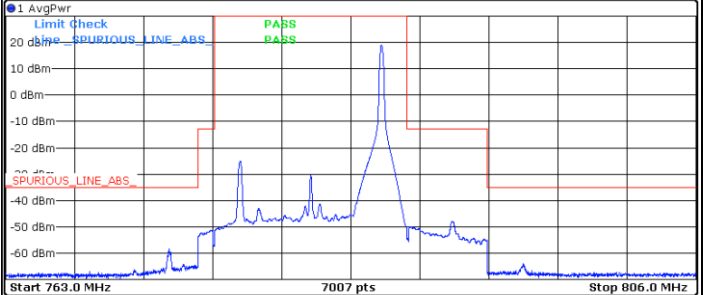
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.12388 MHz	-59.60 dBm	-24.60 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.81503 MHz	-50.61 dBm	-37.61 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95899 MHz	-54.80 dBm	-41.80 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.61239 MHz	-19.62 dBm	-11.38 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02103 MHz	-56.59 dBm	-43.59 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.84860 MHz	-47.06 dBm	-34.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-64.08 dBm	-29.08 dB

Date: 28.OCT.2023 00:33:28

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

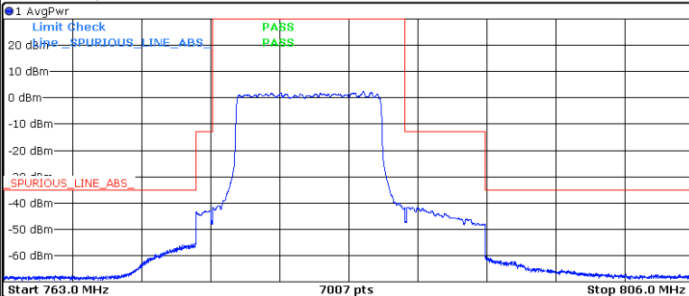
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-58.50 dBm	-23.50 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.78806 MHz	-51.38 dBm	-38.38 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90005 MHz	-56.63 dBm	-43.63 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	-19.88 dBm	-11.12 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01723 MHz	-54.45 dBm	-41.45 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80455 MHz	-48.03 dBm	-35.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-64.08 dBm	-29.08 dB

Date: 28.OCT.2023 00:34:57

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	774.94605 MHz	-55.29 dBm	-20.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87258 MHz	-42.95 dBm	-29.95 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96079 MHz	-46.78 dBm	-33.78 dB
776.000 MHz	788.000 MHz	100.000 kHz	785.39261 MHz	2.45 dBm	-27.55 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-46.78 dBm	-33.78 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.21503 MHz	-41.78 dBm	-28.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-60.49 dBm	-25.49 dB

Date: 28.OCT.2023 00:36:27

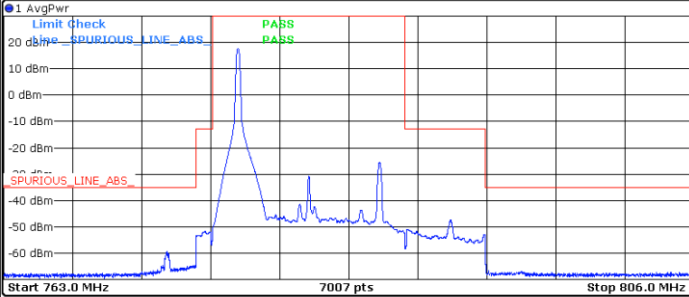
NA



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

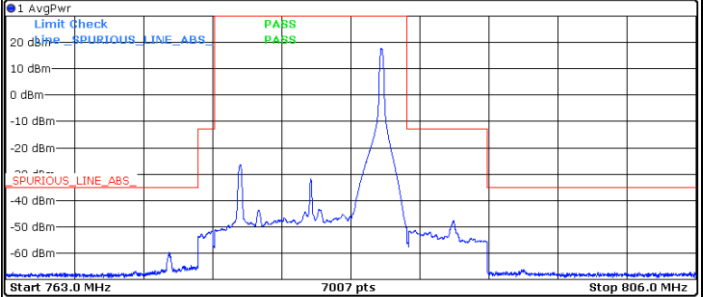
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-59.44 dBm	-24.44 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.55430 MHz	-51.92 dBm	-38.92 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98976 MHz	-55.21 dBm	-42.21 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	17.70 dBm	-12.30 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-56.86 dBm	-43.86 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.82902 MHz	-47.37 dBm	-34.37 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-64.20 dBm	-29.20 dB

Date: 28.OCT.2023 00:33:58

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

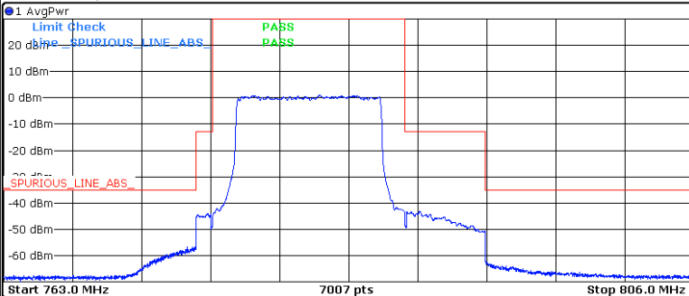
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.18382 MHz	-59.72 dBm	-24.72 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85100 MHz	-51.66 dBm	-38.66 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93452 MHz	-57.23 dBm	-44.23 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	17.69 dBm	-12.31 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03242 MHz	-55.90 dBm	-42.90 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.89266 MHz	-47.84 dBm	-34.84 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-66.35 dBm	-31.35 dB

Date: 28.OCT.2023 00:35:27

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	774.77822 MHz	-56.58 dBm	-21.58 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-44.14 dBm	-31.14 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98806 MHz	-49.01 dBm	-36.01 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.69530 MHz	1.09 dBm	-28.91 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09995 MHz	-48.17 dBm	-35.17 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.91014 MHz	-43.21 dBm	-30.21 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-62.33 dBm	-27.33 dB

Date: 28.OCT.2023 00:36:56

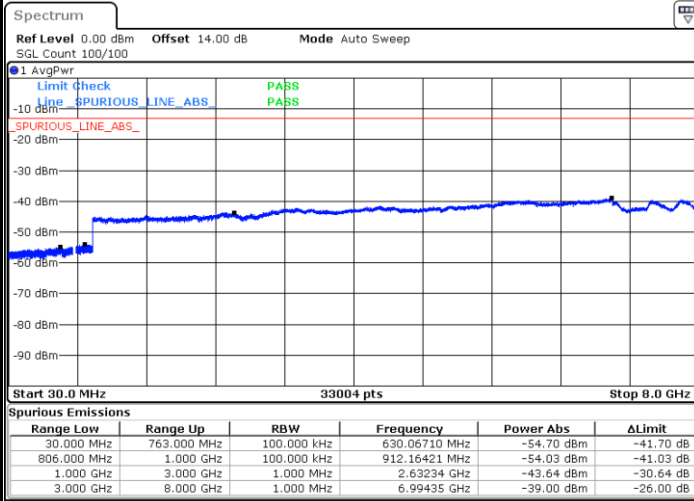
NA



Conducted Spurious Emission

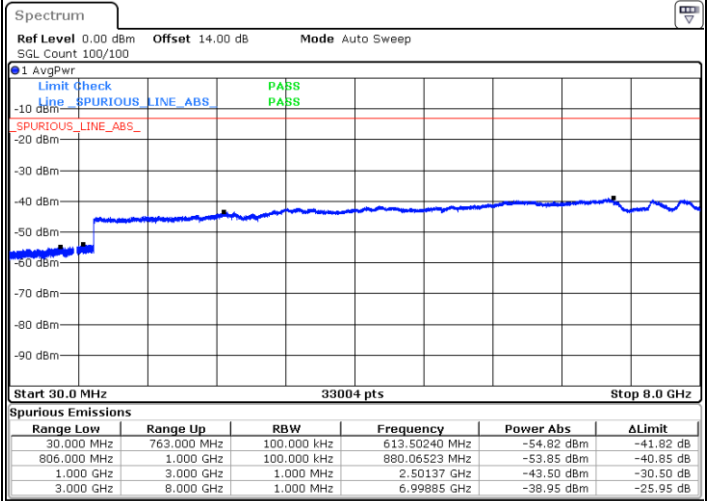
LTE Band 13 / 5MHz

Lowest Channel / QPSK



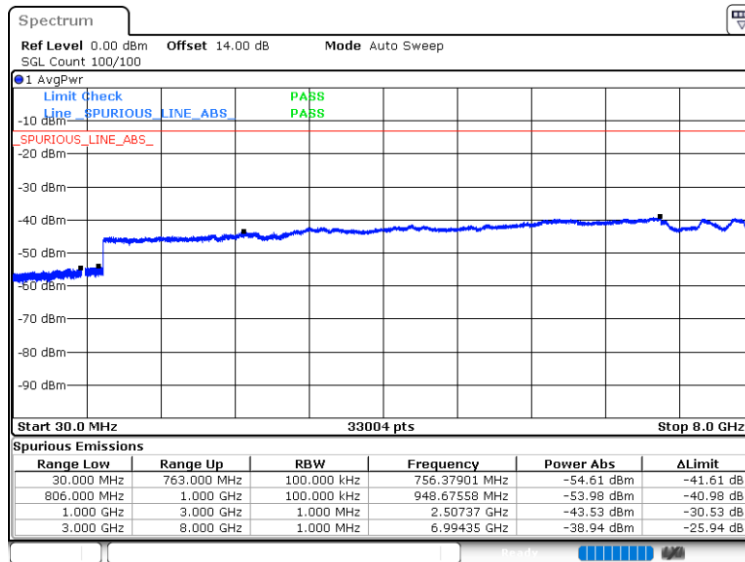
Date: 28.OCT.2023 00:25:15

Middle Channel / QPSK



Date: 28.OCT.2023 00:26:19

Highest Channel / QPSK

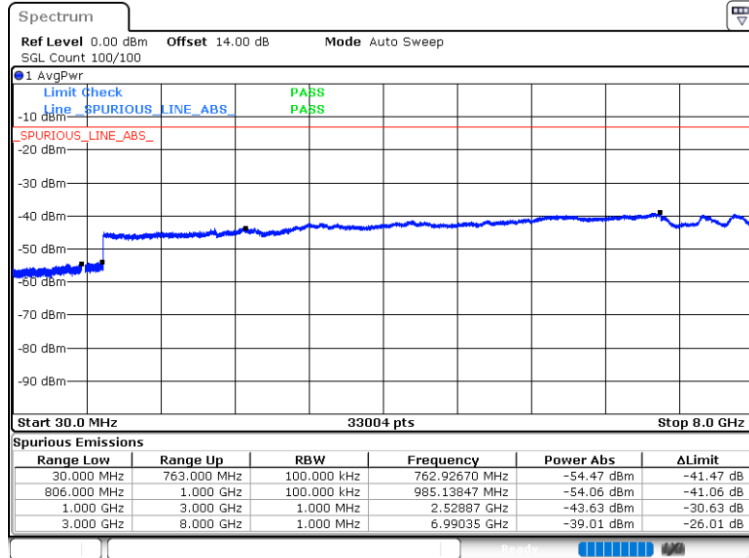


Date: 28.OCT.2023 00:31:45



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 28.OCT.2023 00:38:01

**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	0.0017	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

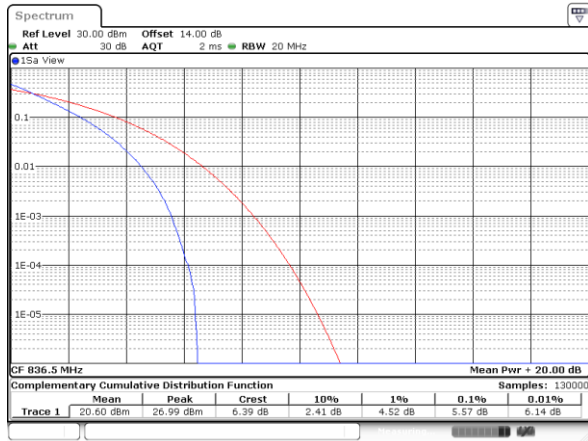
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.57	6.38	6.55	PASS



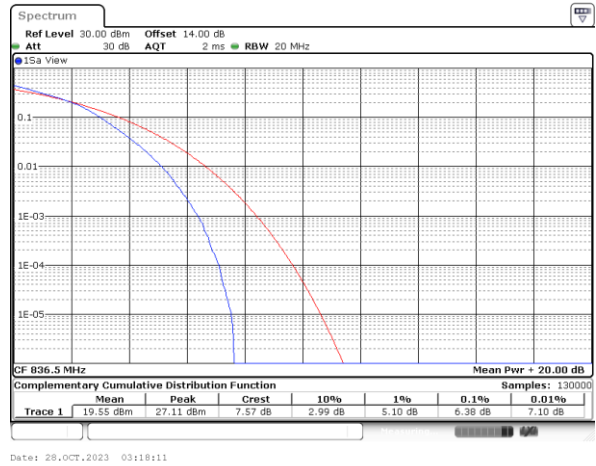
LTE Band 26 / 15MHz / QPSK

Middle Channel / Full RB



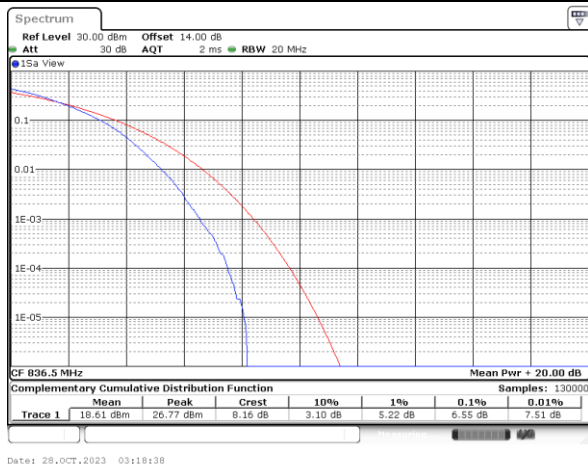
LTE Band 26 / 15MHz / 16QAM

Middle Channel / Full RB



LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB



NA



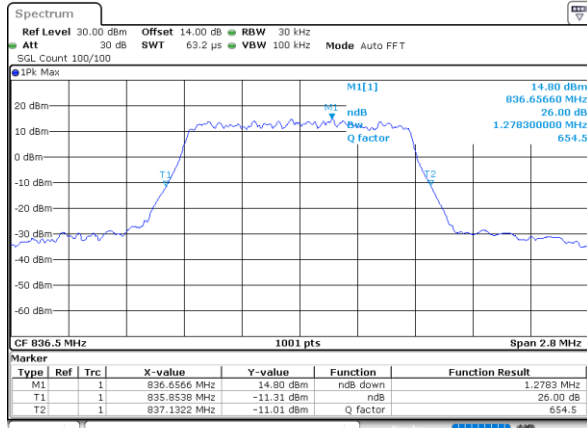
26dB Bandwidth

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	1.28	1.26	2.96	2.94	4.89	4.75	9.71	9.73	14.45	14.45		



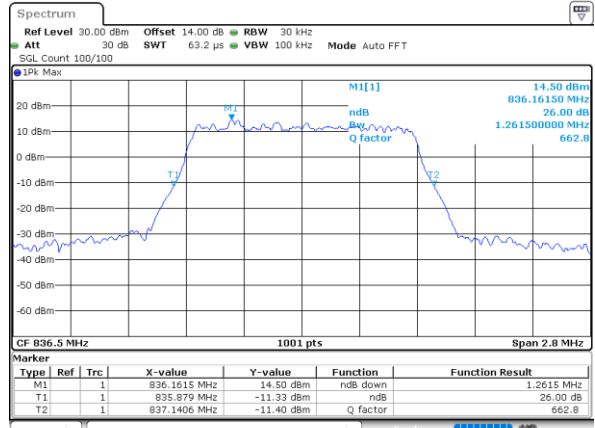
LTE Band 26

Middle Channel / 1.4MHz / QPSK



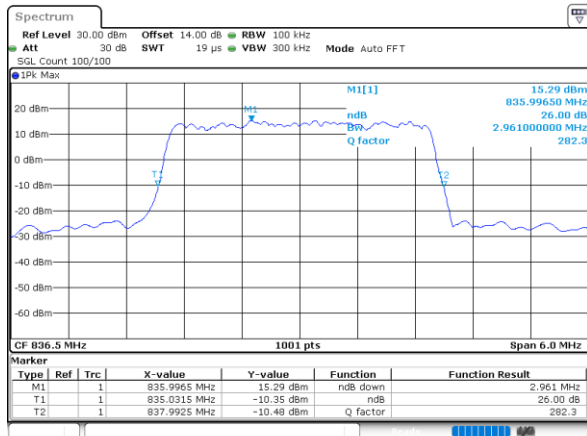
Date: 28.OCT.2023 02:11:18

Middle Channel / 1.4MHz / 16QAM



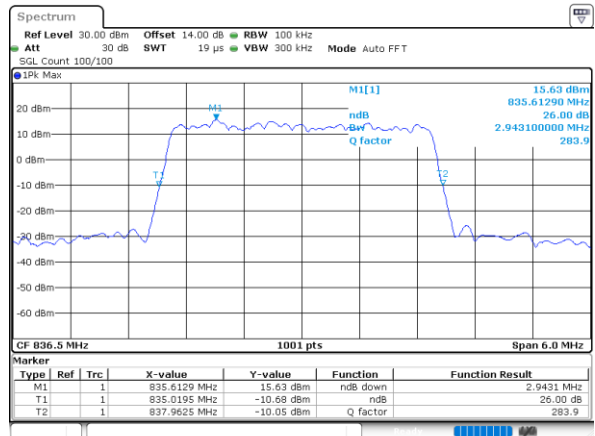
Date: 28.OCT.2023 02:11:58

Middle Channel / 3MHz / QPSK



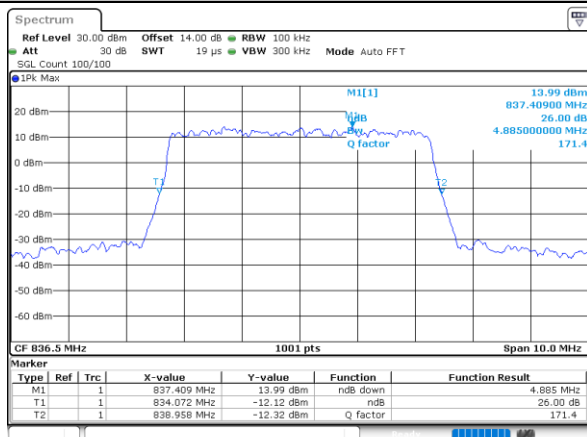
Date: 28.OCT.2023 02:27:39

Middle Channel / 3MHz / 16QAM



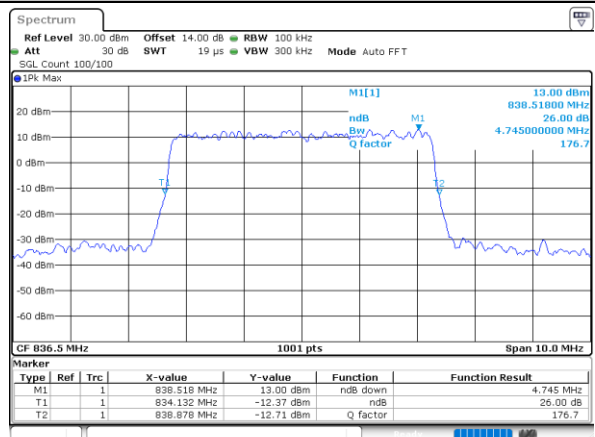
Date: 28.OCT.2023 02:28:19

Middle Channel / 5MHz / QPSK



Date: 28.OCT.2023 02:44:00

Middle Channel / 5MHz / 16QAM

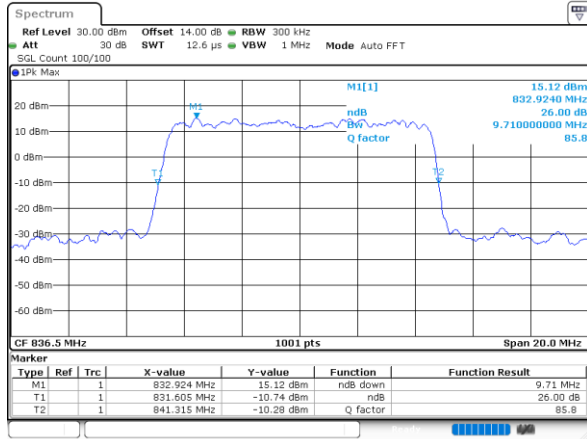


Date: 28.OCT.2023 02:44:40

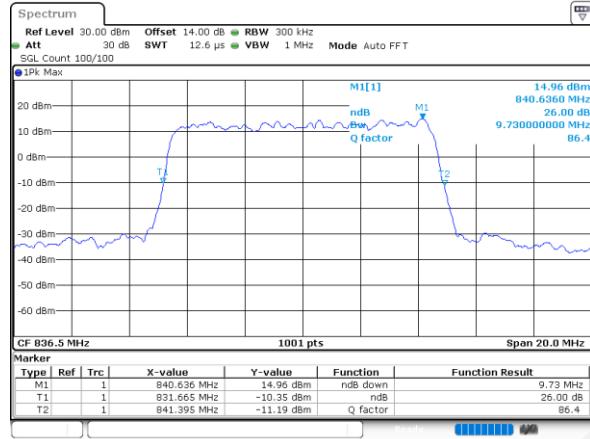


LTE Band 26

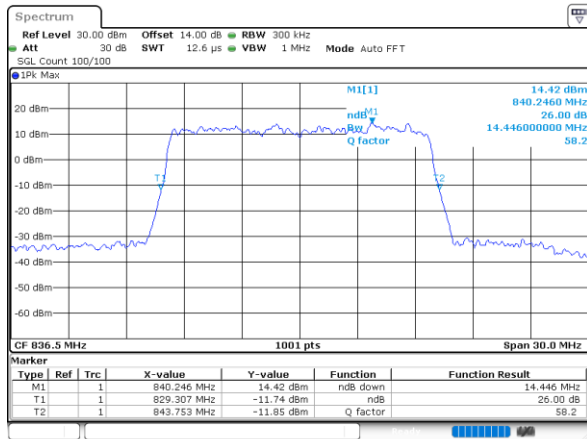
Middle Channel / 10MHz / QPSK



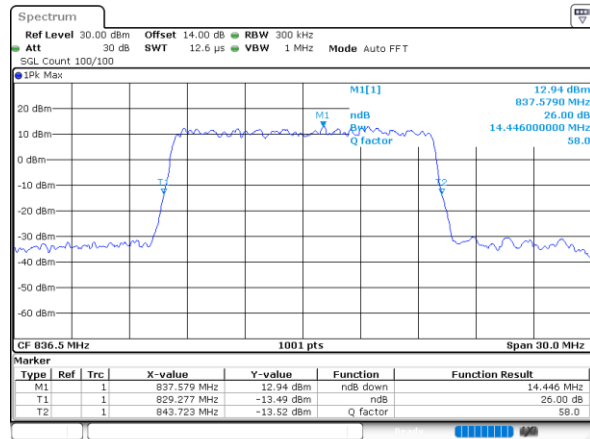
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM





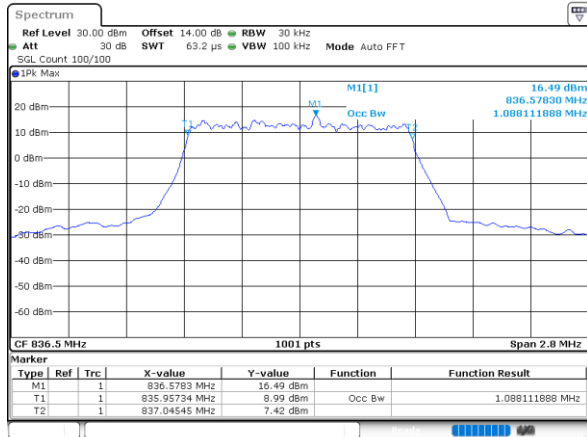
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		15MHz CH26790	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.70	2.72	4.48	4.49	9.07	9.05	13.43	13.43	13.46	13.40

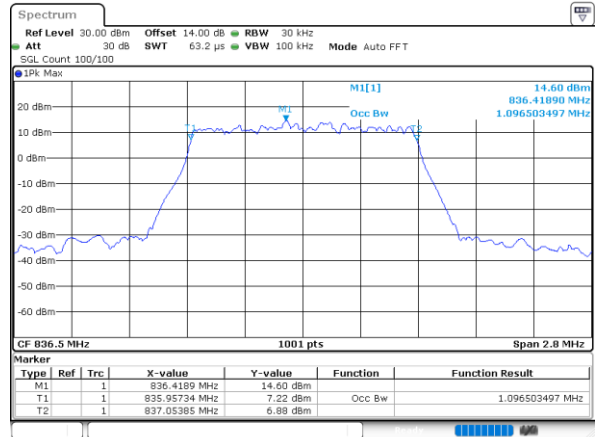


LTE Band 26

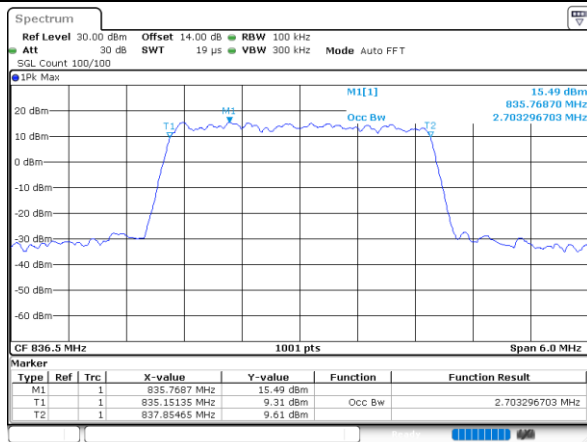
Middle Channel / 1.4MHz / QPSK



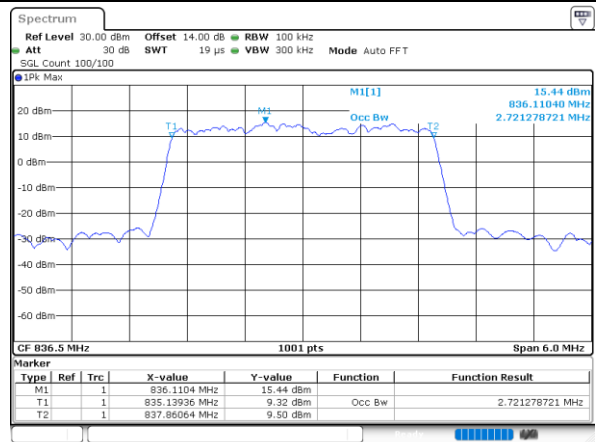
Middle Channel / 1.4MHz / 16QAM



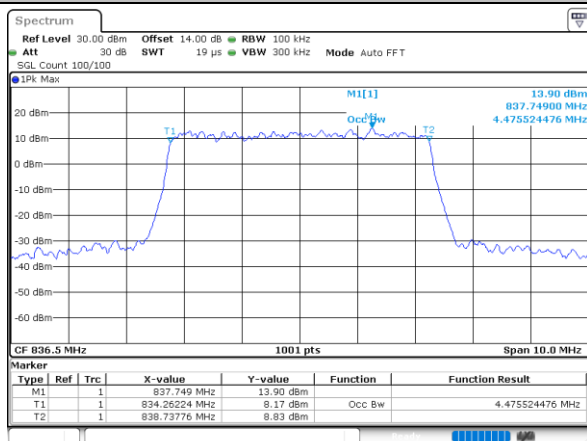
Middle Channel / 3MHz / QPSK



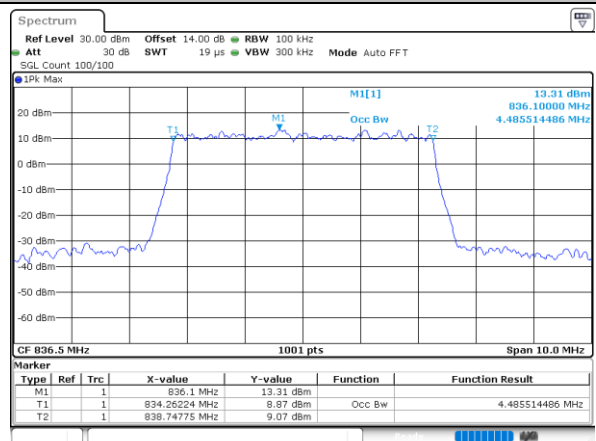
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



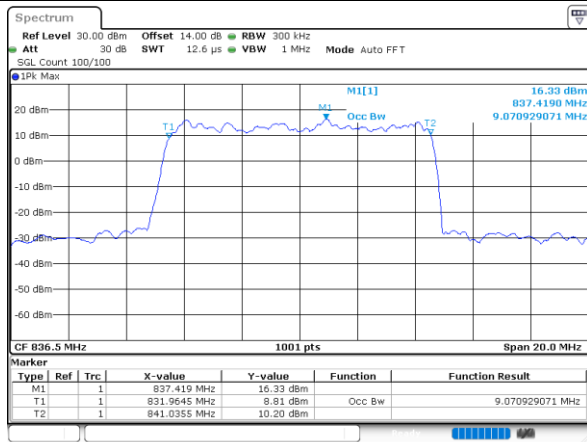
Middle Channel / 5MHz / 16QAM



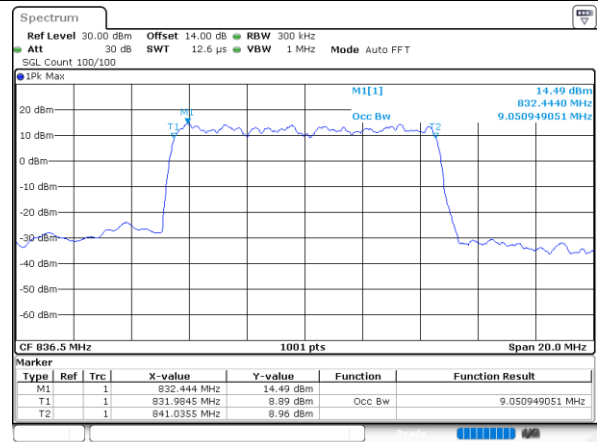


LTE Band 26

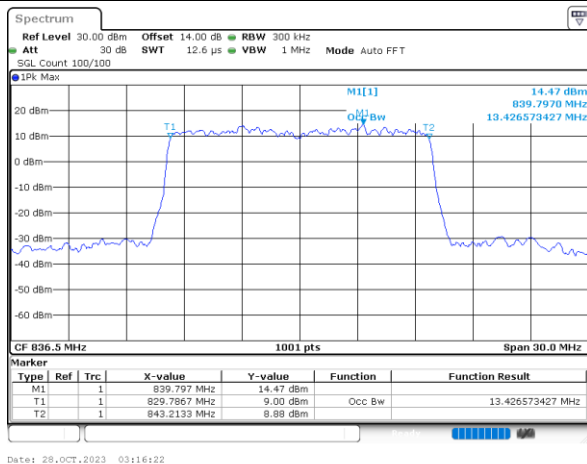
Middle Channel / 10MHz / QPSK



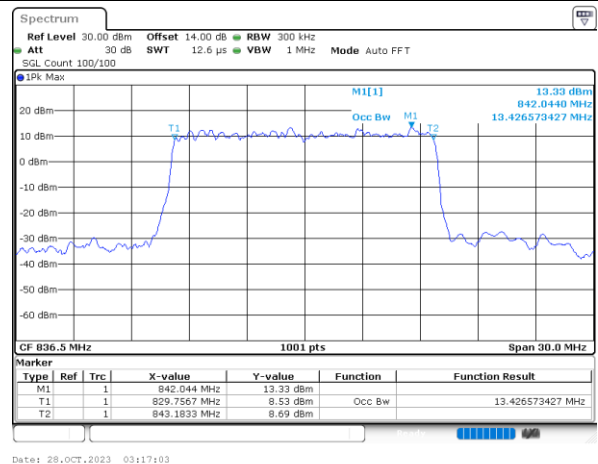
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

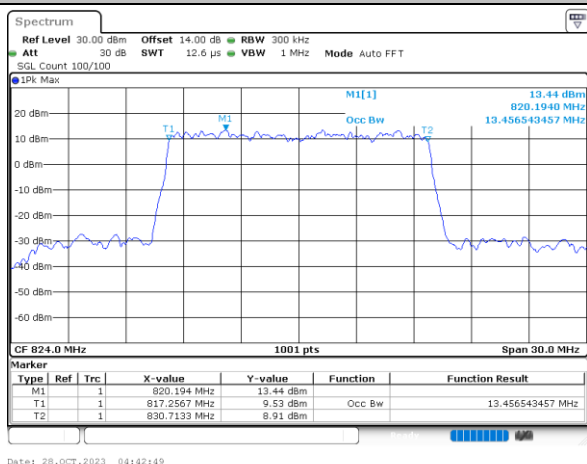


Middle Channel / 15MHz / 16QAM

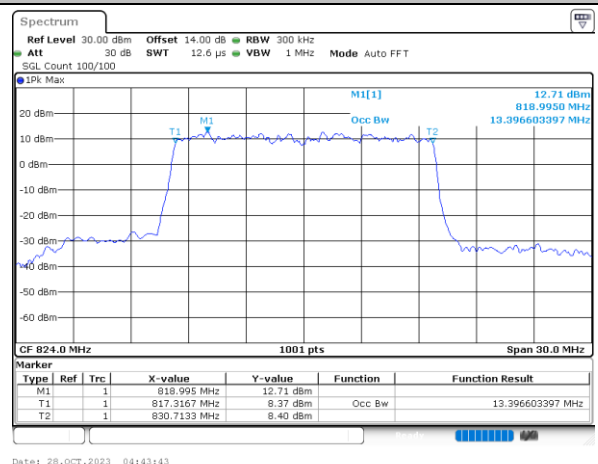


LTE Band 26

Low Channel / CH26790 / QPSK



Low Channel / CH26790 / 16QAM

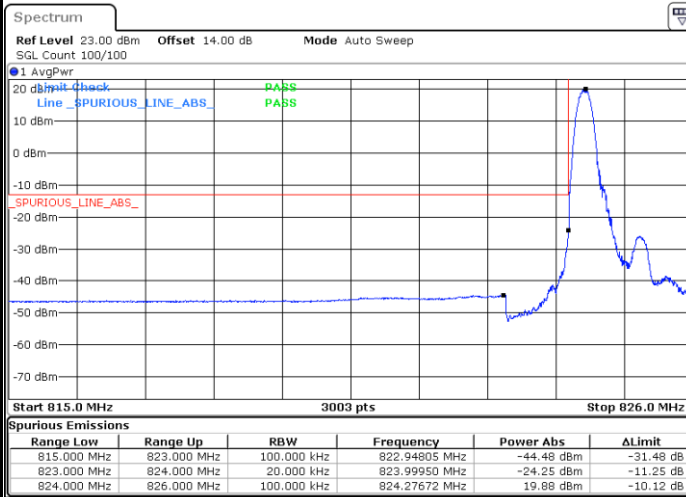




Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



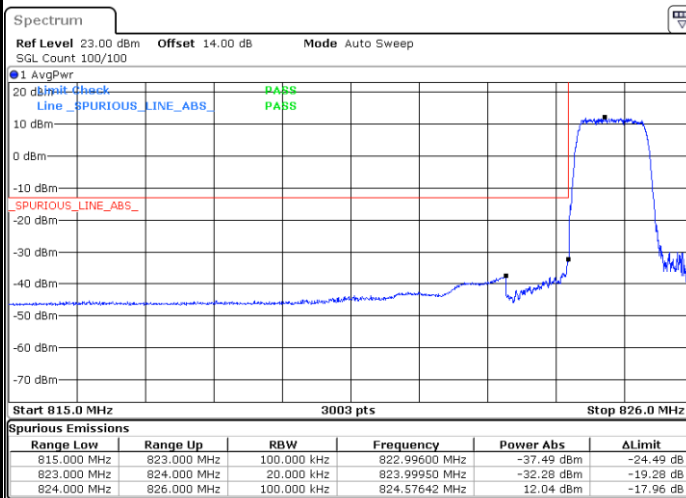
Date: 28.OCT.2023 02:03:52

Highest Band Edge / 1RB



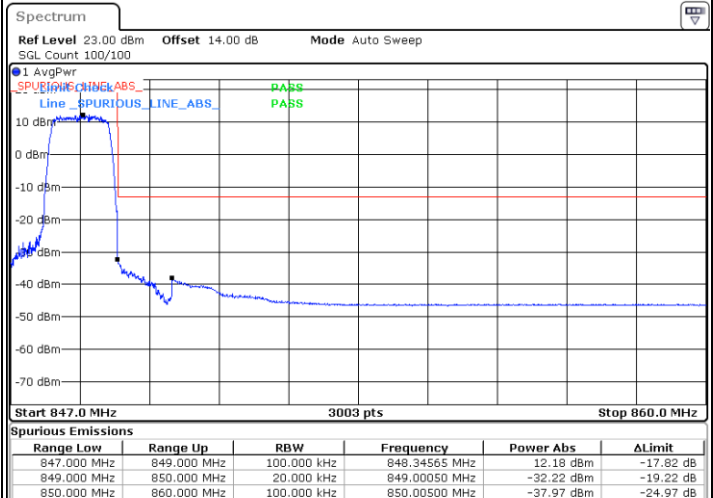
Date: 28.OCT.2023 02:12:53

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:08:29

Highest Band Edge / Full RB

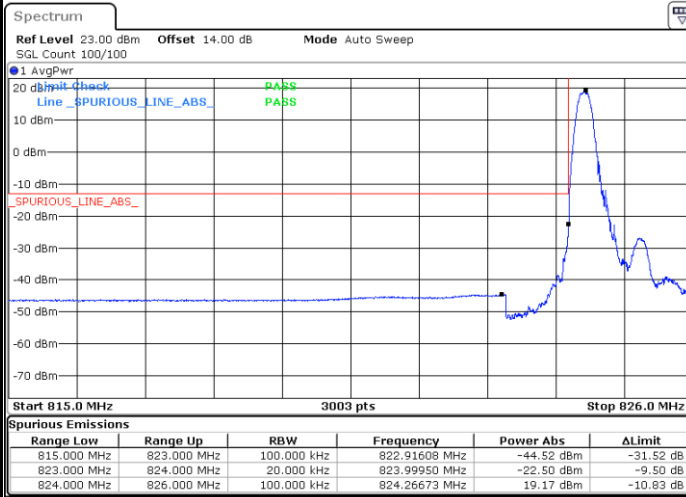


Date: 28.OCT.2023 02:17:30

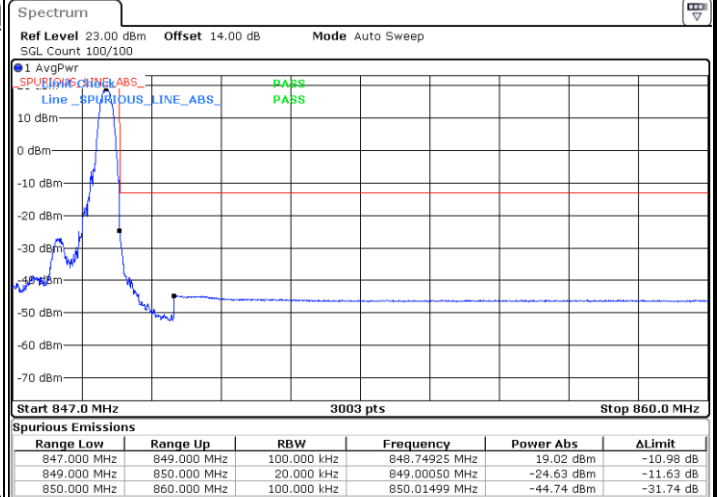


LTE Band 26 / 1.4MHz / 16QAM

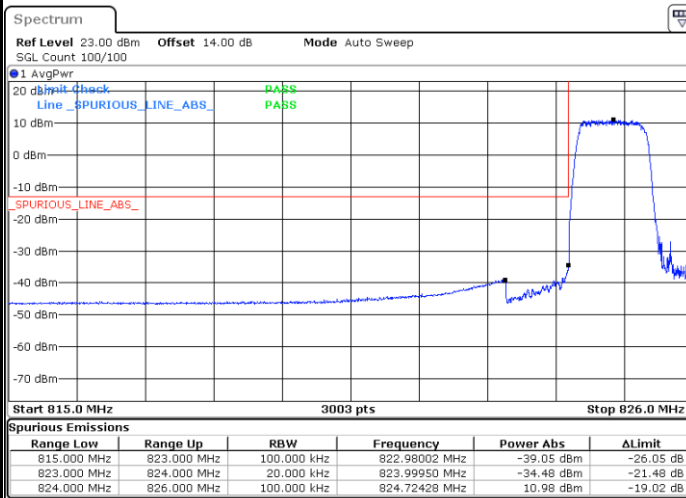
Lowest Band Edge / 1 RB



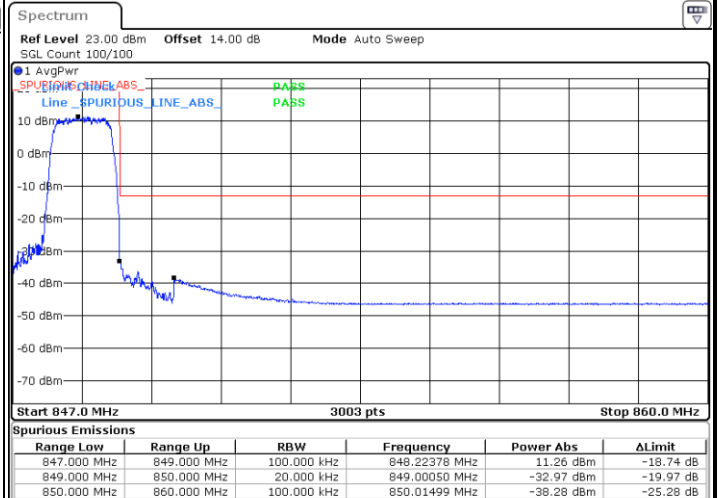
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



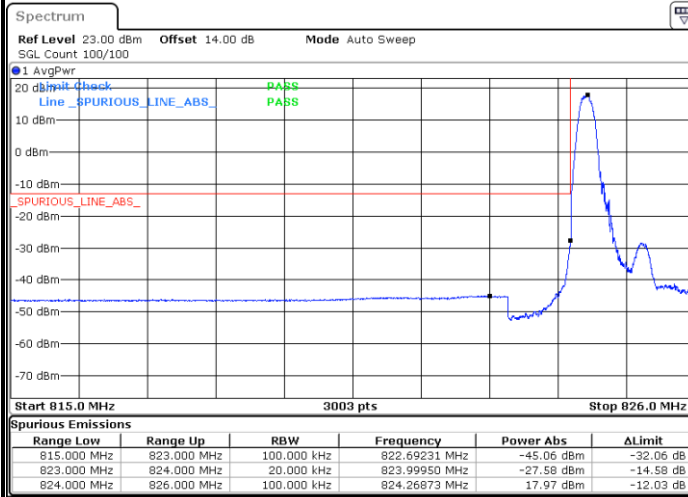
Highest Band Edge / Full RB





LTE Band 26 / 1.4MHz / 64QAM

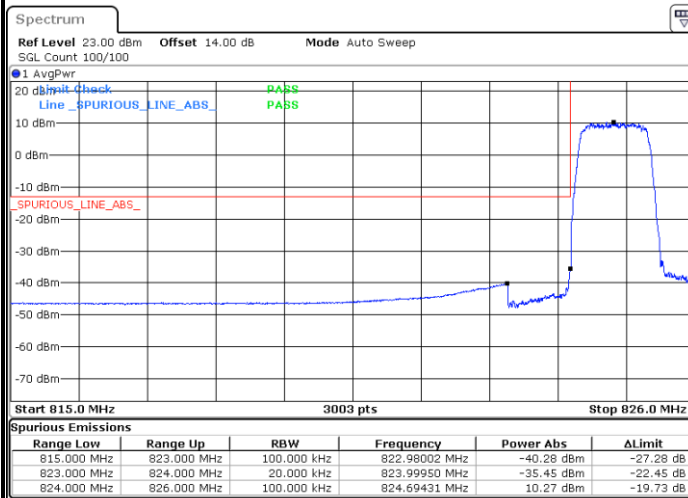
Lowest Band Edge / 1 RB



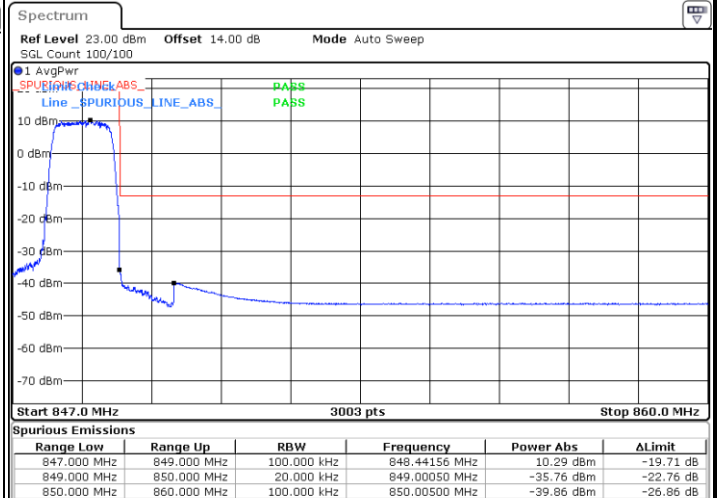
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



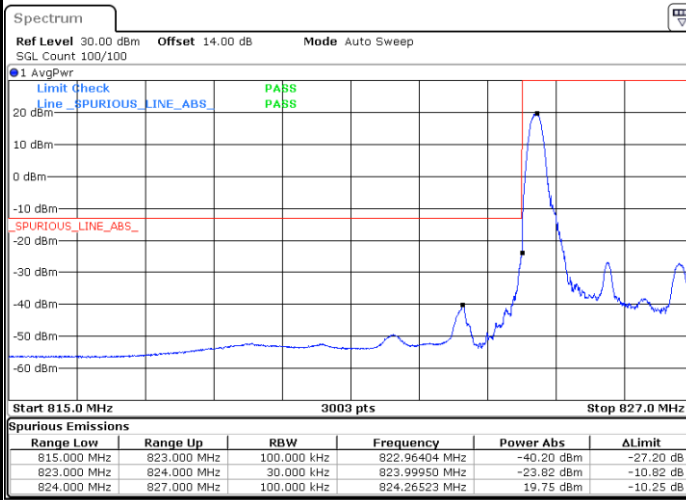
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



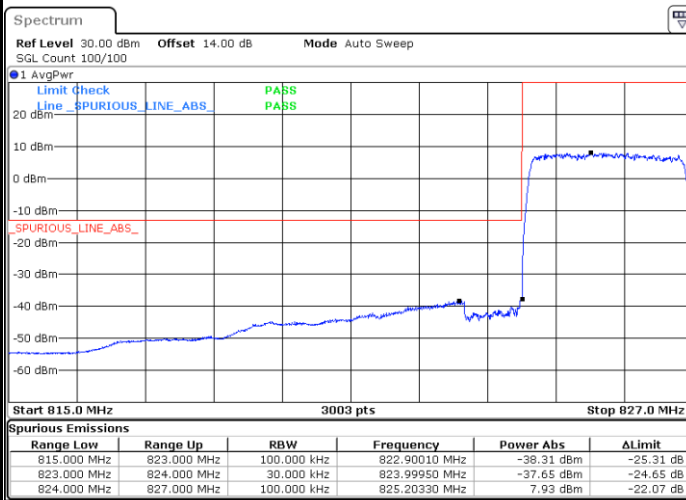
Date: 28.OCT.2023 02:20:13

Highest Band Edge / 1RB



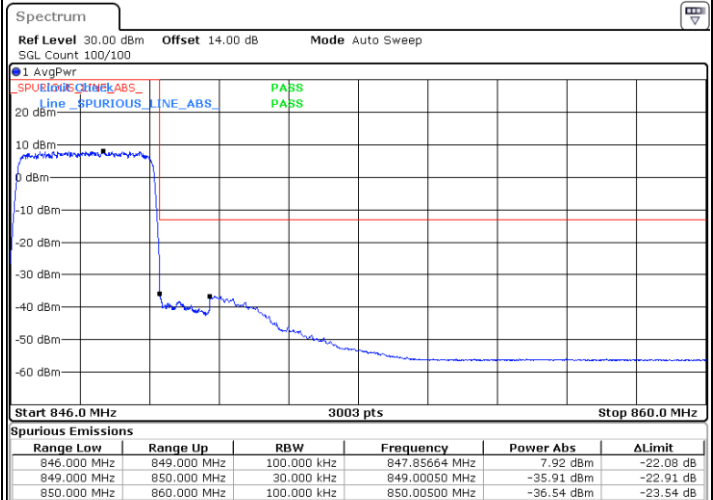
Date: 28.OCT.2023 02:29:14

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:24:49

Highest Band Edge / Full RB

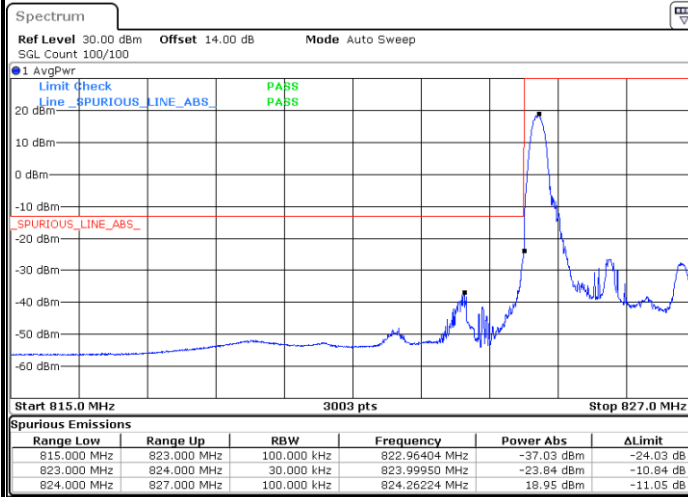


Date: 28.OCT.2023 02:33:50



LTE Band 26 / 3MHz / 16QAM

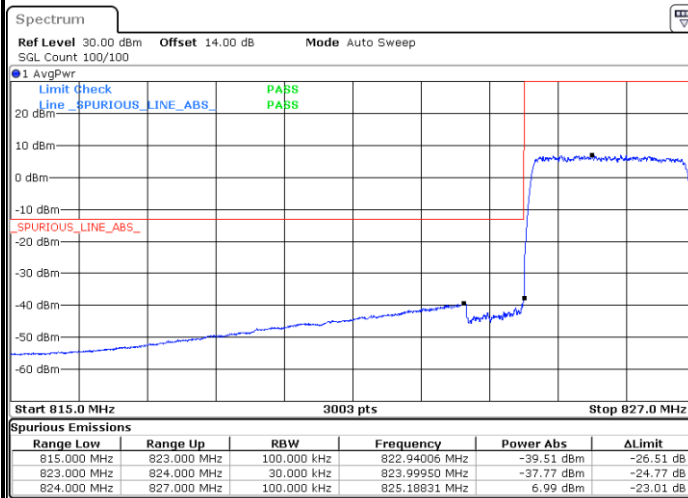
Lowest Band Edge / 1 RB



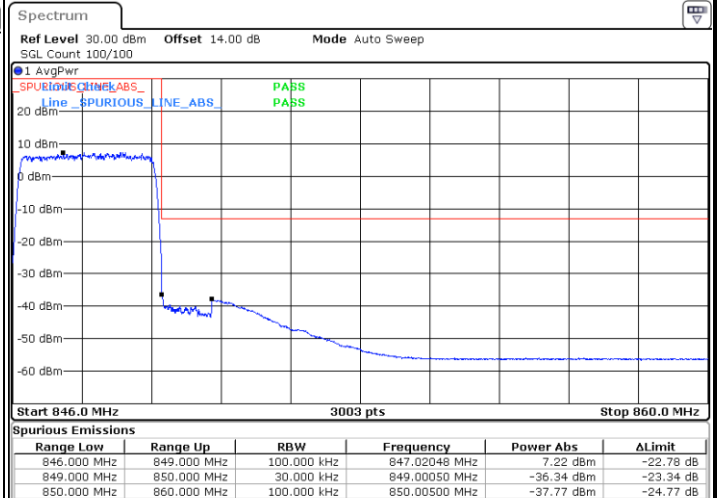
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



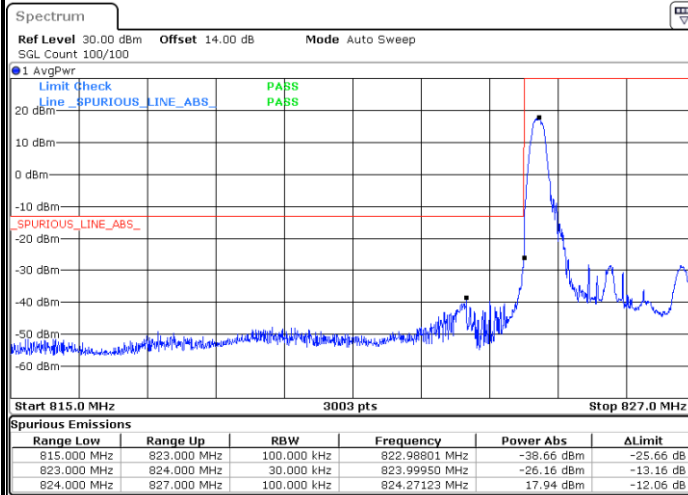
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / 64QAM

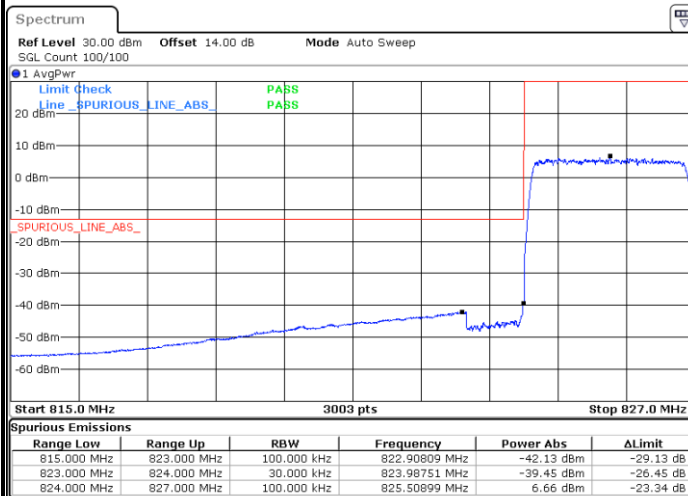
Lowest Band Edge / 1 RB



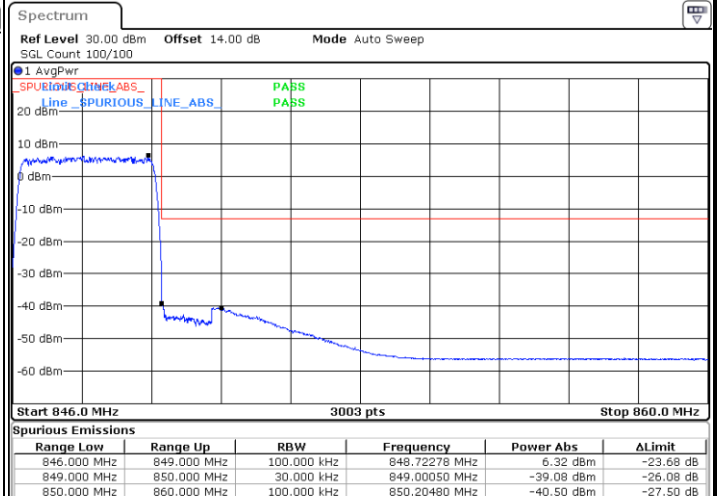
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



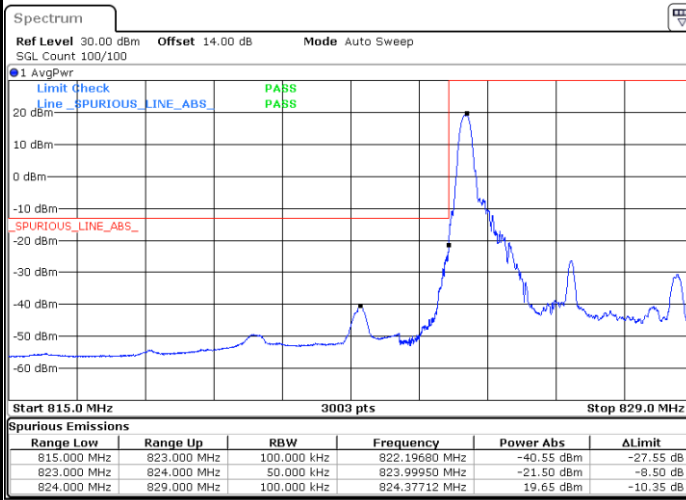
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1RB



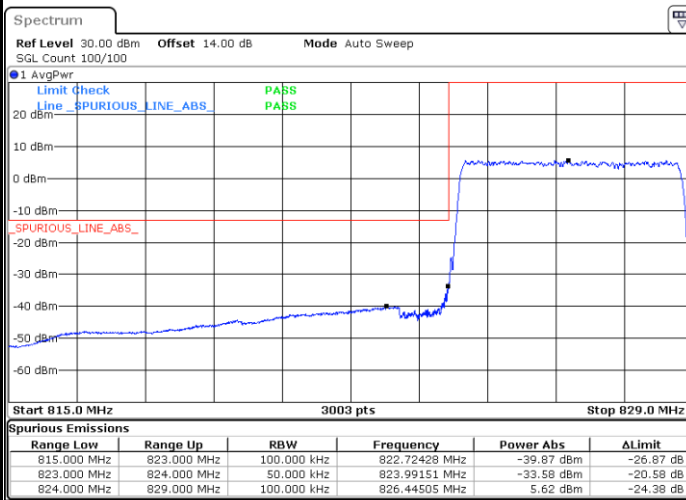
Date: 28.OCT.2023 02:36:33

Highest Band Edge / 1RB



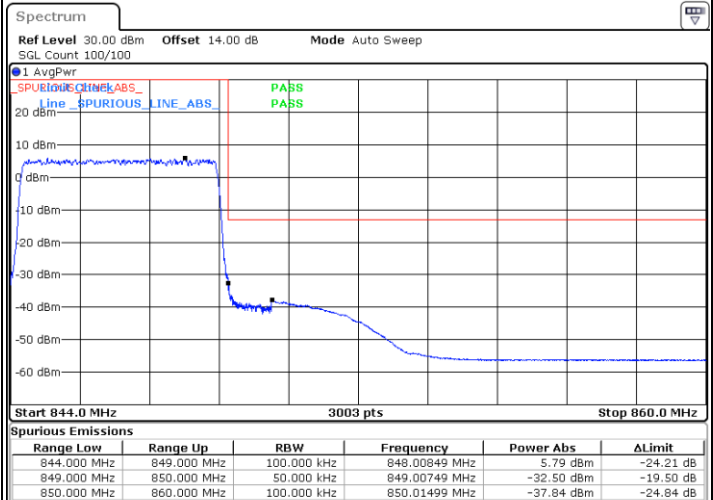
Date: 28.OCT.2023 02:45:35

Lowest Band Edge / Full RB



Date: 28.OCT.2023 02:41:10

Highest Band Edge / Full RB

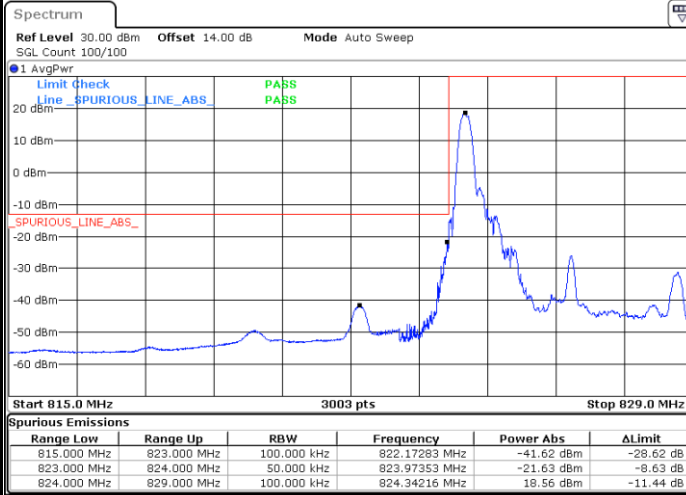


Date: 28.OCT.2023 02:50:11



LTE Band 26 / 5MHz / 16QAM

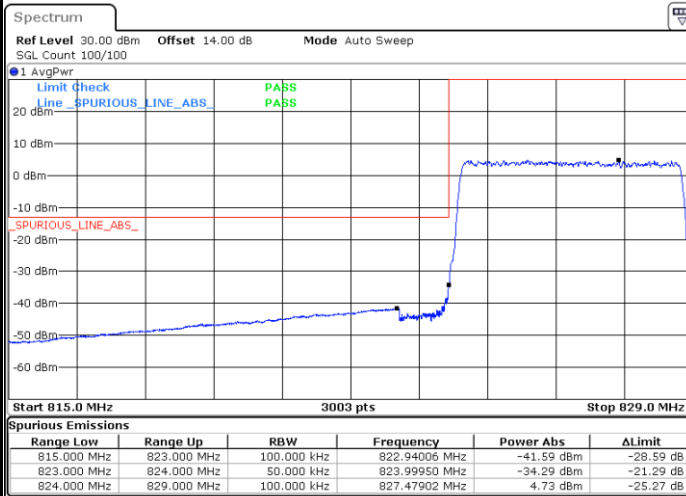
Lowest Band Edge / 1 RB



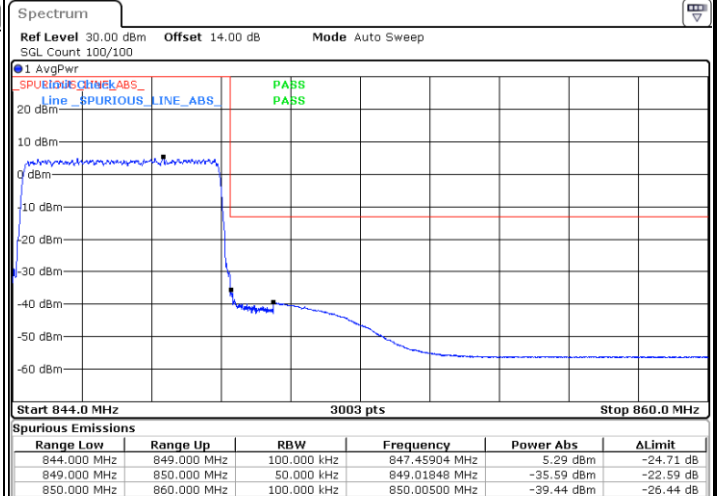
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



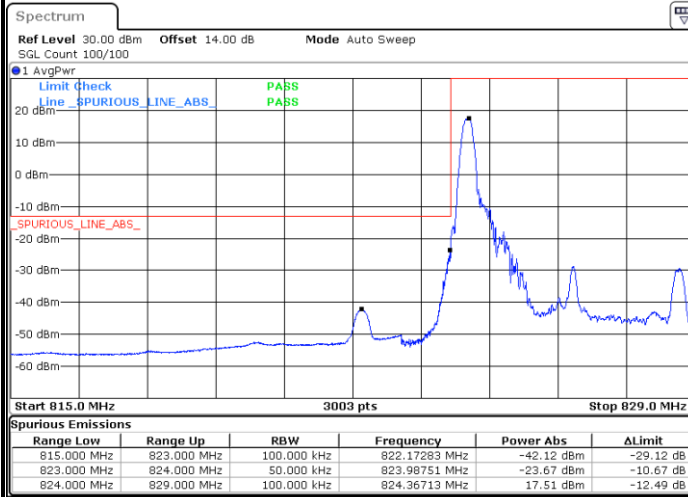
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 64QAM

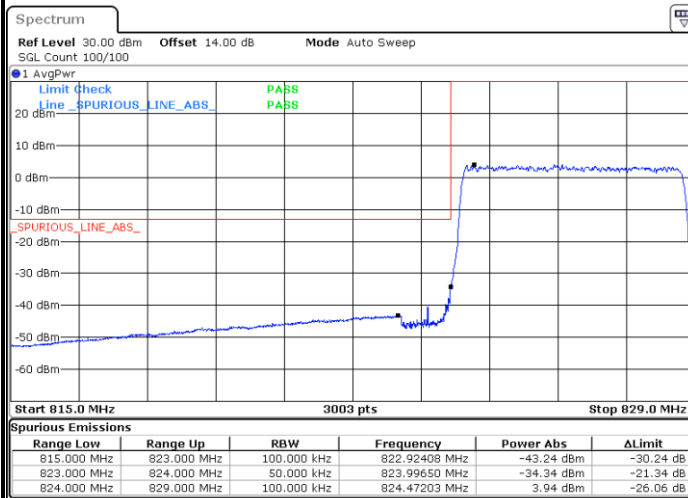
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

