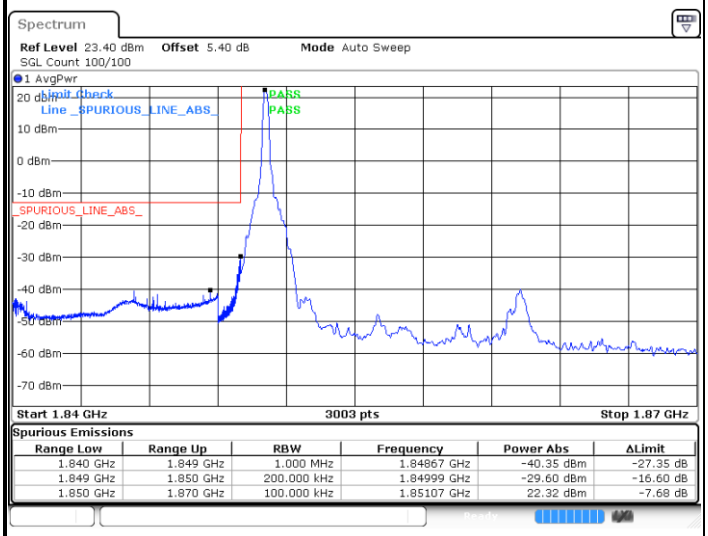
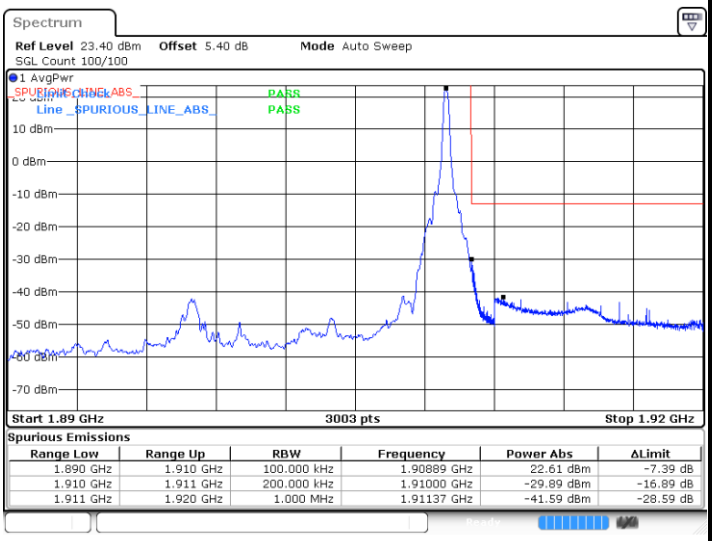
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



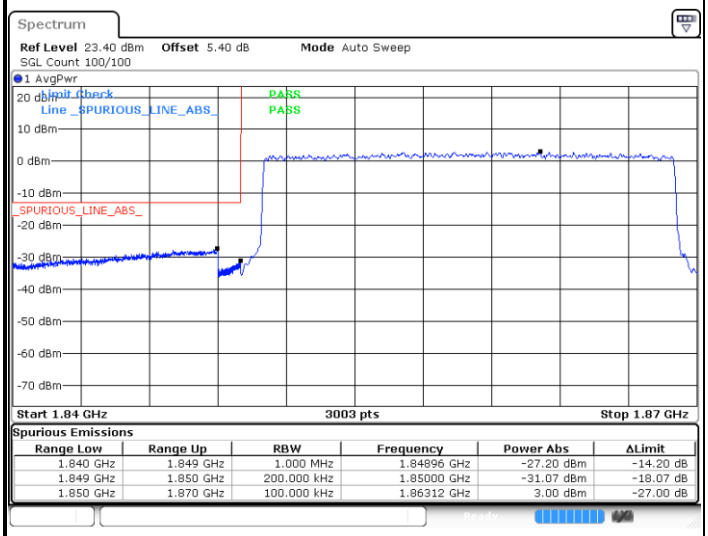
Date: 31.DEC.2020 19:06:53

Highest Band Edge / 1 RB



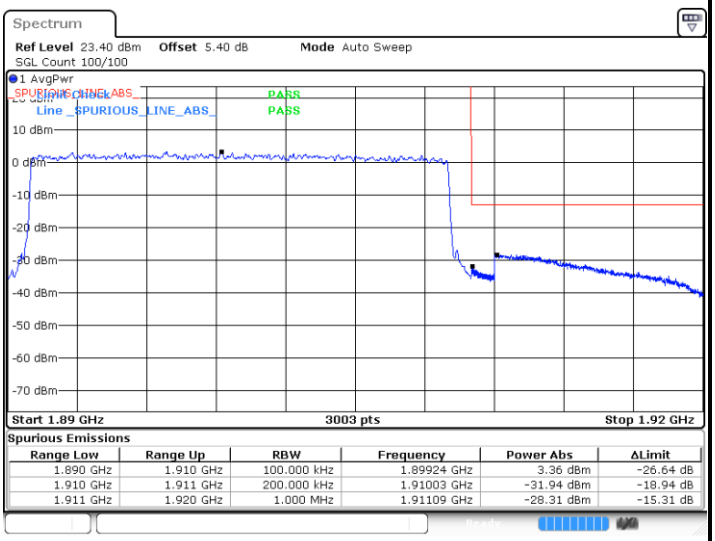
Date: 31.DEC.2020 19:11:27

Lowest Band Edge / Full RB



Date: 31.DEC.2020 19:09:10

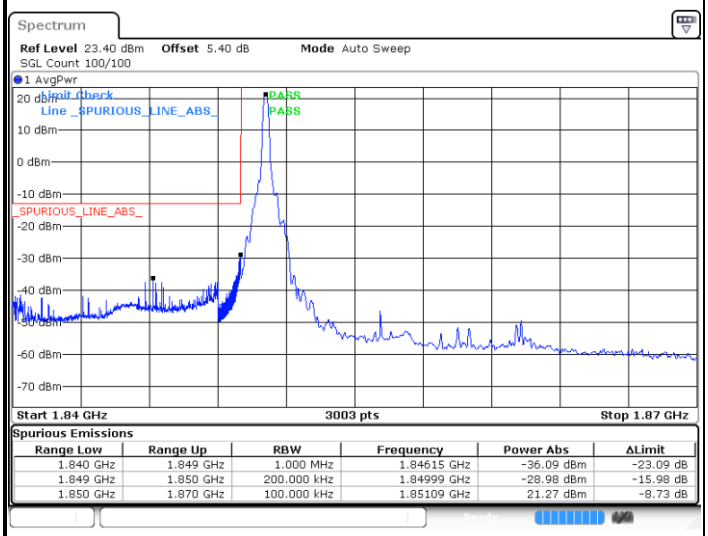
Highest Band Edge / Full RB



Date: 31.DEC.2020 19:13:44

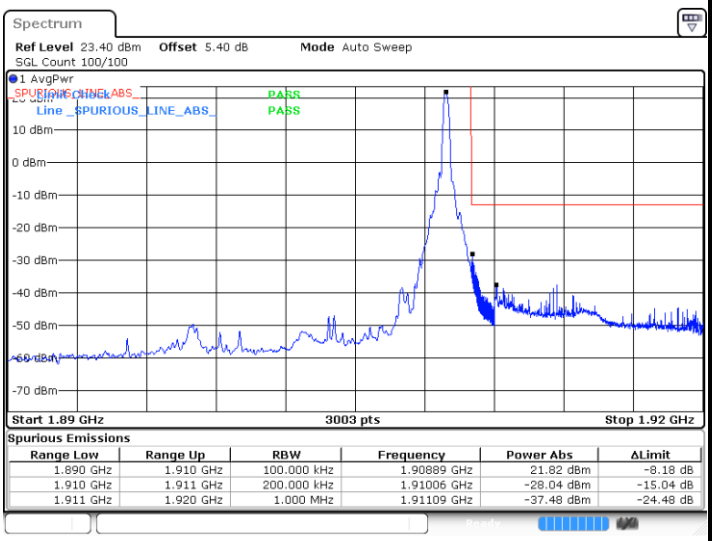
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



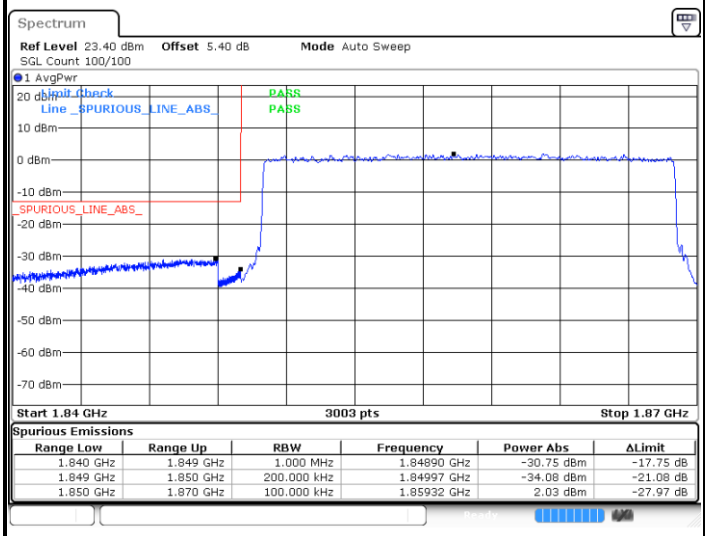
Date: 31.DEC.2020 19:08:01

Highest Band Edge / 1 RB



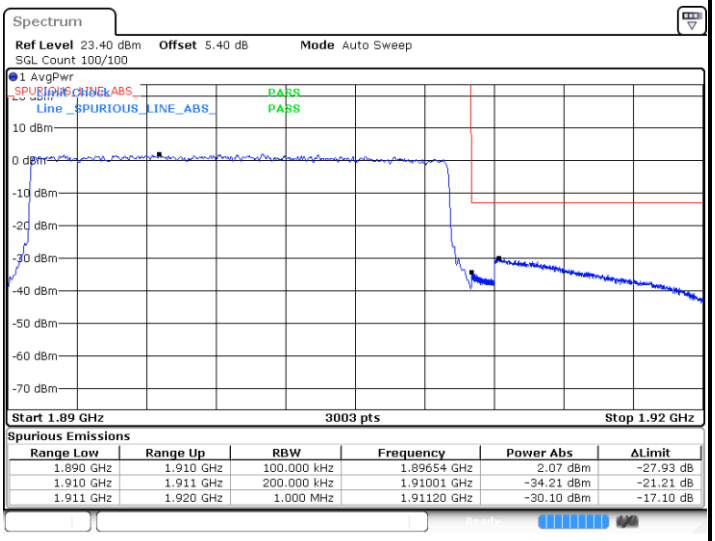
Date: 31.DEC.2020 19:12:36

Lowest Band Edge / Full RB



Date: 31.DEC.2020 19:10:19

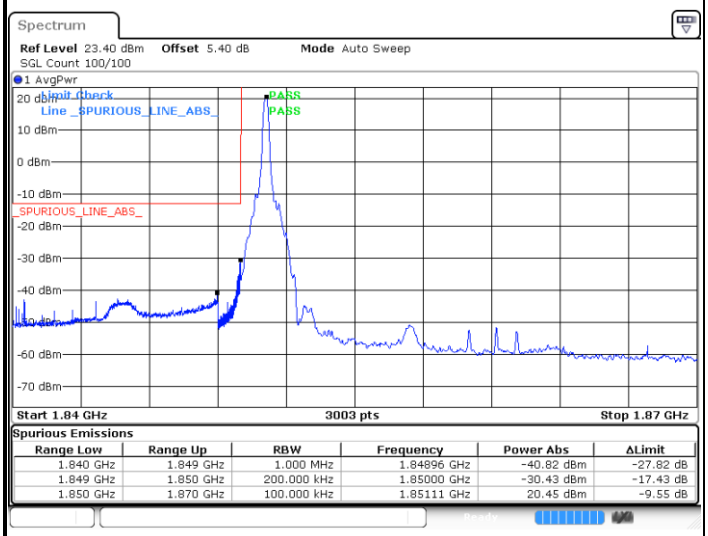
Highest Band Edge / Full RB



Date: 31.DEC.2020 19:14:53

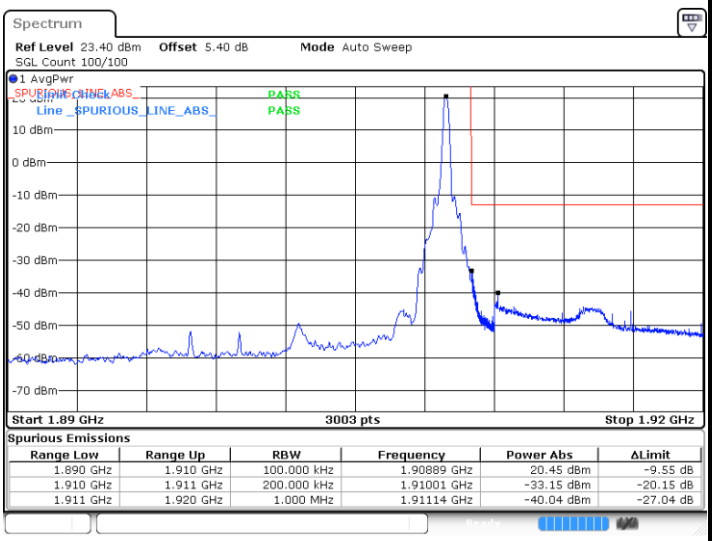
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



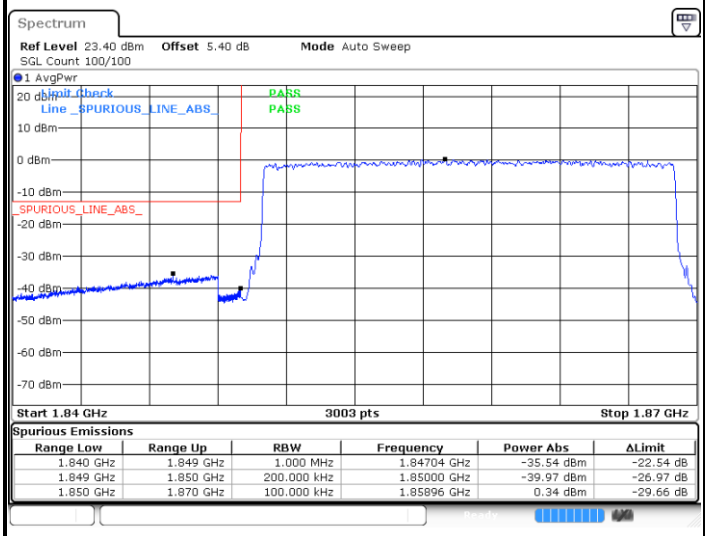
Date: 31.DEC.2020 19:40:05

Highest Band Edge / 1 RB



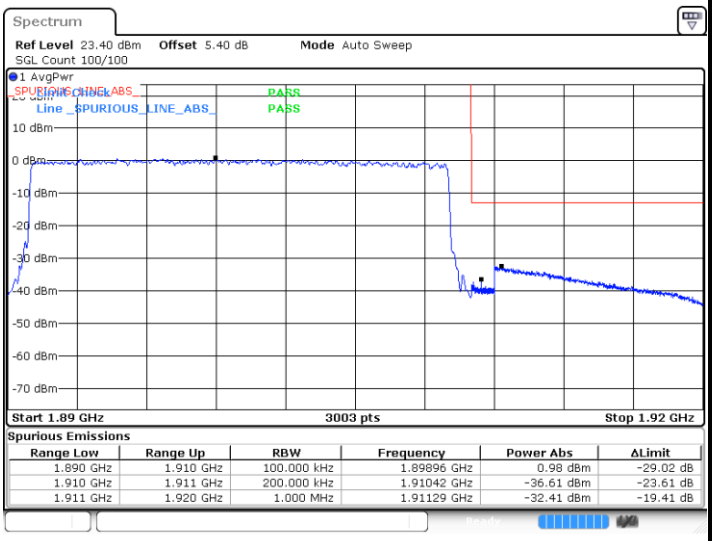
Date: 31.DEC.2020 19:43:31

Lowest Band Edge / Full RB



Date: 31.DEC.2020 19:41:14

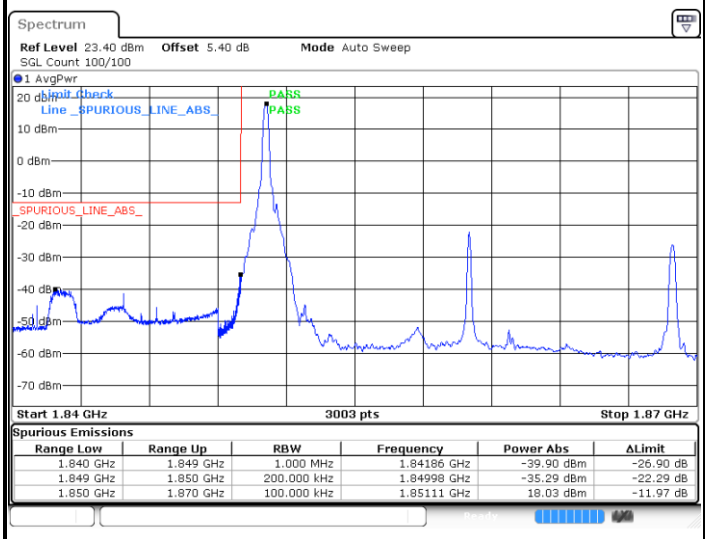
Highest Band Edge / Full RB



Date: 31.DEC.2020 19:42:23

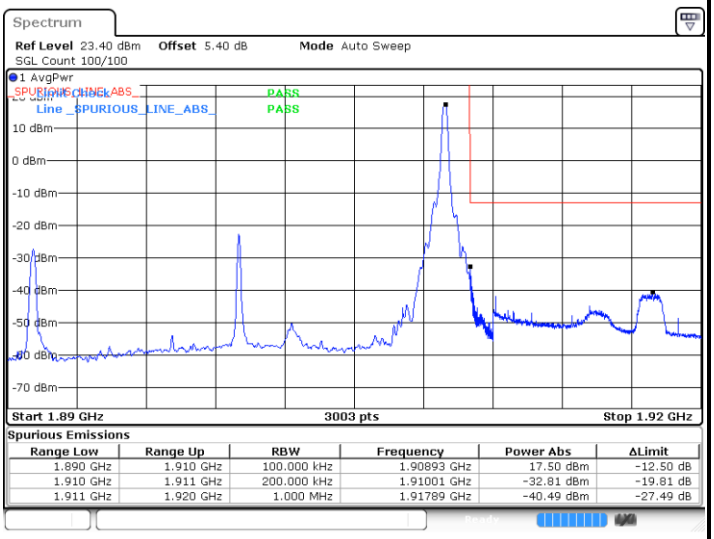
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



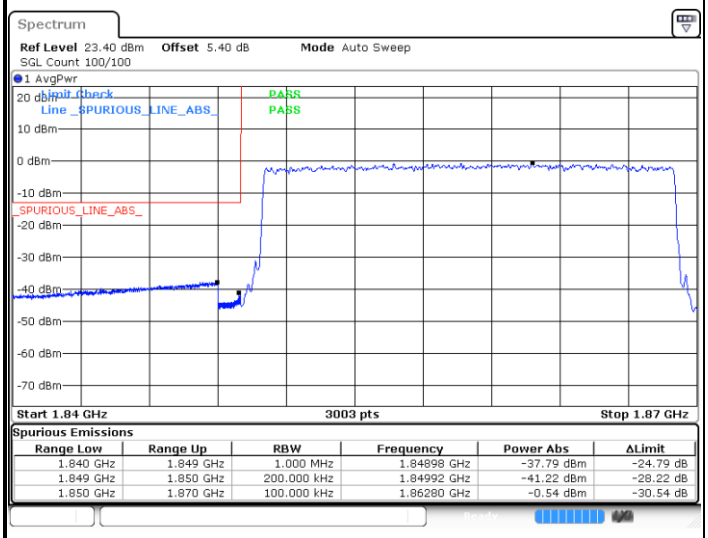
Date: 11.JAN.2021 14:44:41

Highest Band Edge / 1 RB



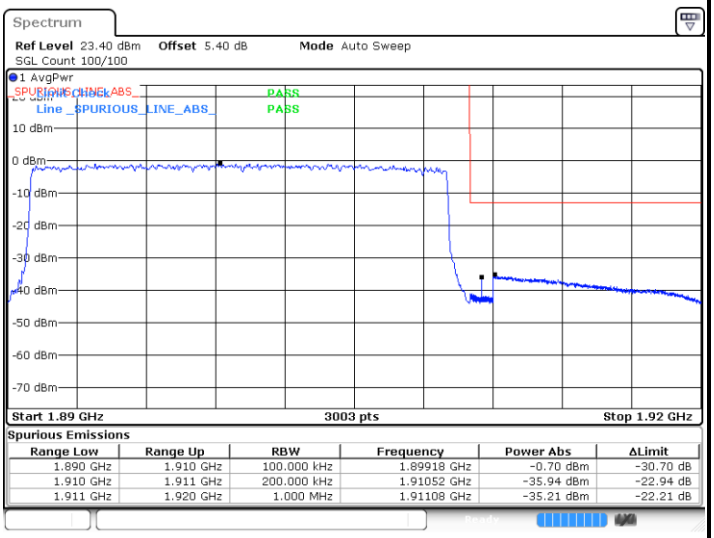
Date: 11.JAN.2021 14:45:42

Lowest Band Edge / Full RB



Date: 11.JAN.2021 14:44:24

Highest Band Edge / Full RB

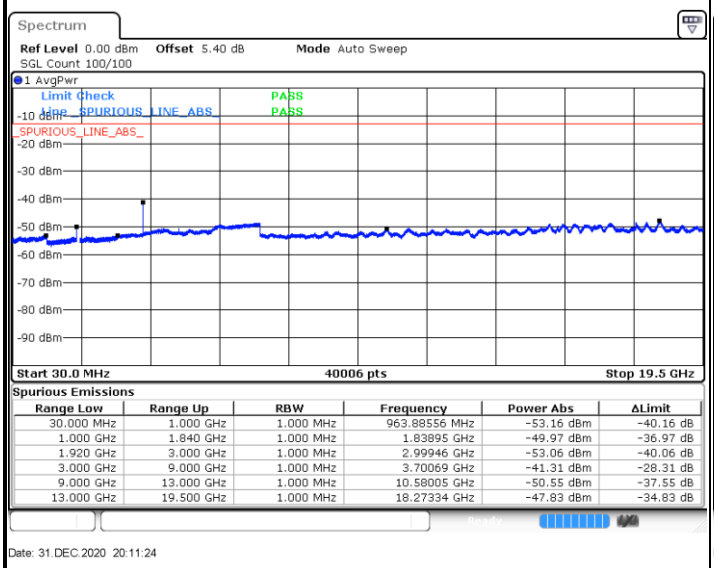


Date: 11.JAN.2021 14:45:21

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

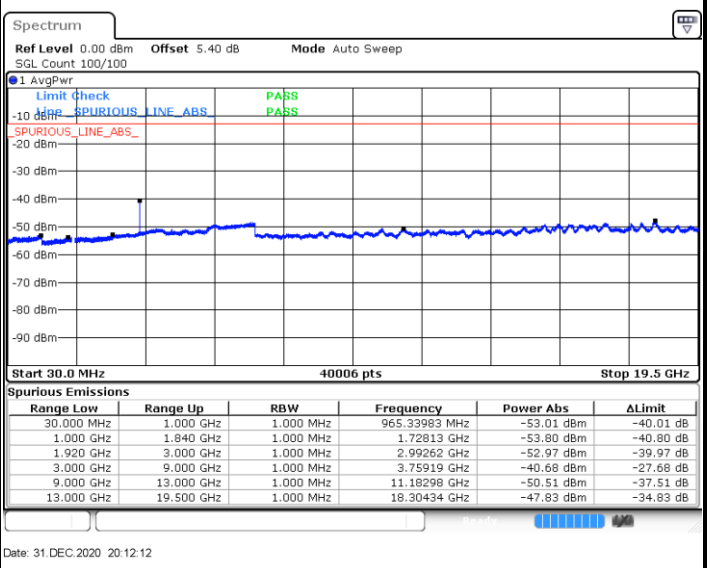


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-53.16 dBm	-40.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-49.97 dBm	-36.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-53.06 dBm	-40.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.31 dBm	-28.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58005 GHz	-50.55 dBm	-37.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27334 GHz	-47.83 dBm	-34.83 dB

Date: 31.DEC.2020 20:11:24

Middle Channel / QPSK

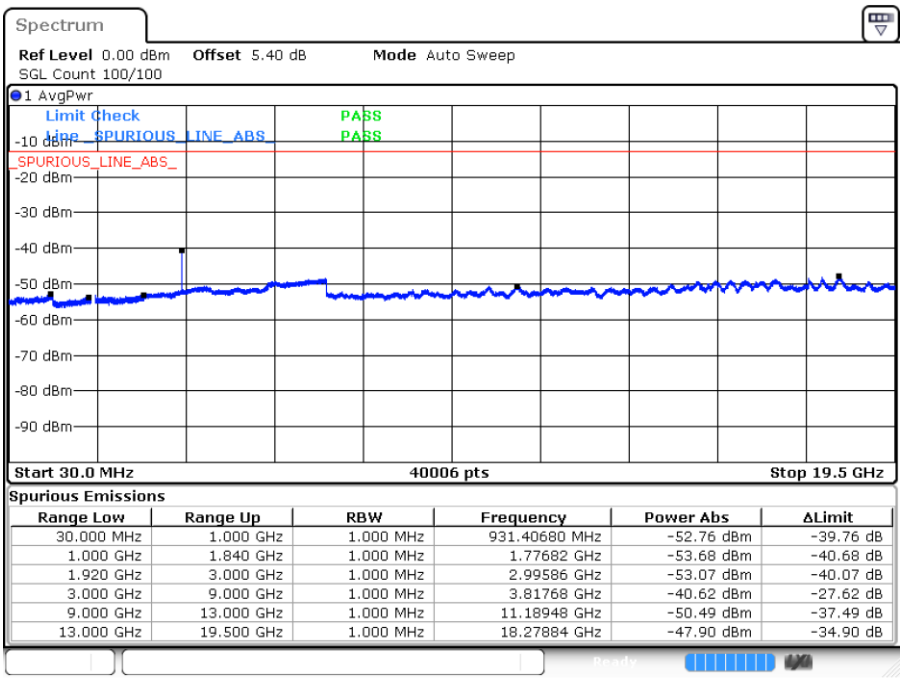


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-53.01 dBm	-40.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72813 GHz	-53.80 dBm	-40.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99262 GHz	-52.97 dBm	-39.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-40.68 dBm	-27.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.18298 GHz	-50.51 dBm	-37.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.30434 GHz	-47.83 dBm	-34.83 dB

Date: 31.DEC.2020 20:12:12

Highest Channel / QPSK



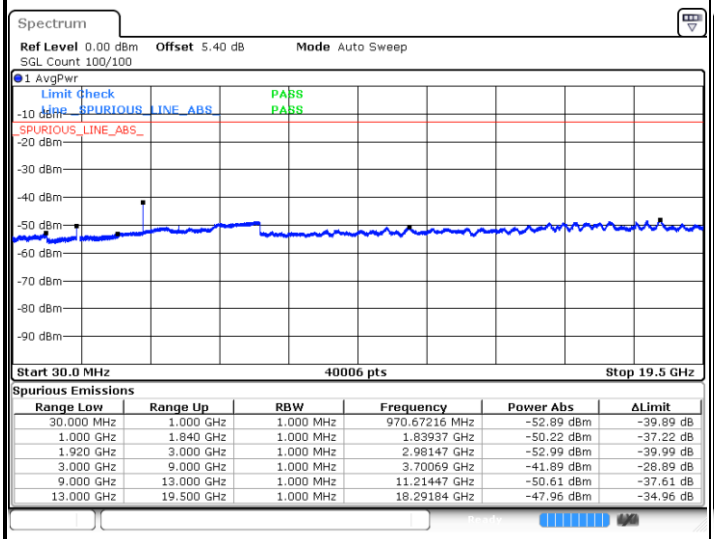
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-52.76 dBm	-39.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77682 GHz	-53.68 dBm	-40.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.18948 GHz	-50.49 dBm	-37.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27884 GHz	-47.90 dBm	-34.90 dB

Date: 31.DEC.2020 20:13:10

LTE Band 2 / 3MHz

Lowest Channel / QPSK

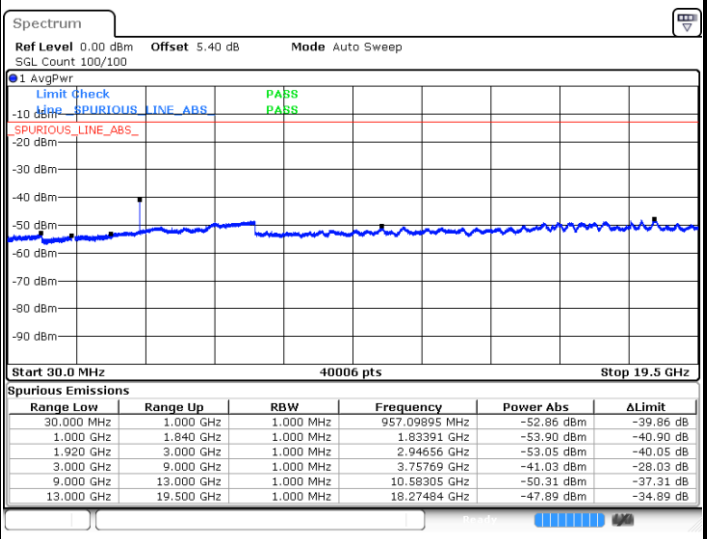


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-52.89 dBm	-39.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-50.22 dBm	-37.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-52.99 dBm	-39.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.89 dBm	-28.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.21447 GHz	-50.61 dBm	-37.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29184 GHz	-47.96 dBm	-34.96 dB

Date: 31.DEC.2020 20:07:21

Middle Channel / QPSK

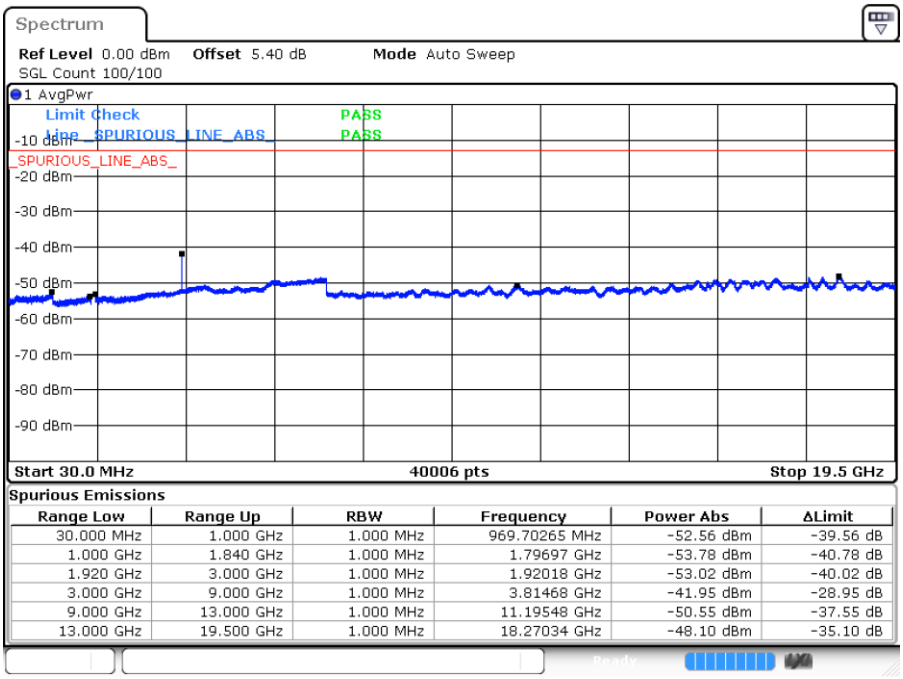


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-53.90 dBm	-40.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94656 GHz	-53.05 dBm	-40.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-41.03 dBm	-28.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58305 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27484 GHz	-47.89 dBm	-34.89 dB

Date: 31.DEC.2020 20:08:51

Highest Channel / QPSK



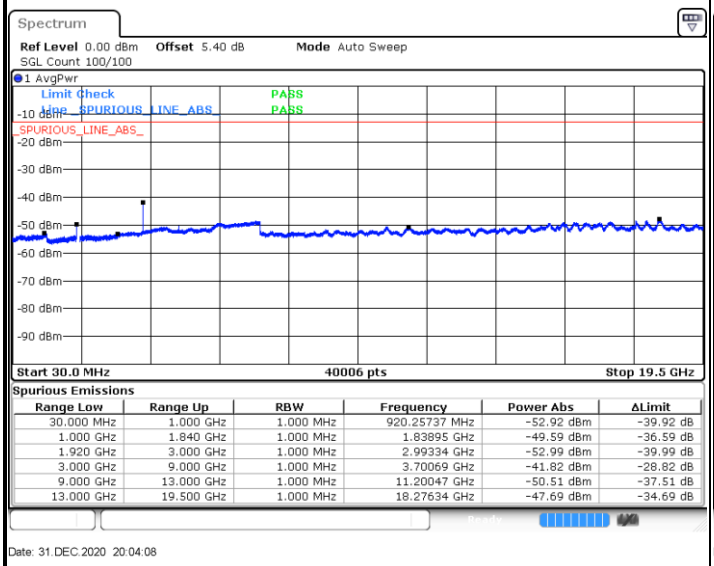
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-52.56 dBm	-39.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79697 GHz	-53.78 dBm	-40.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.02 dBm	-40.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81468 GHz	-41.95 dBm	-28.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.19548 GHz	-50.55 dBm	-37.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27034 GHz	-48.10 dBm	-35.10 dB

Date: 31.DEC.2020 20:10:06

LTE Band 2 / 5MHz

Lowest Channel / QPSK

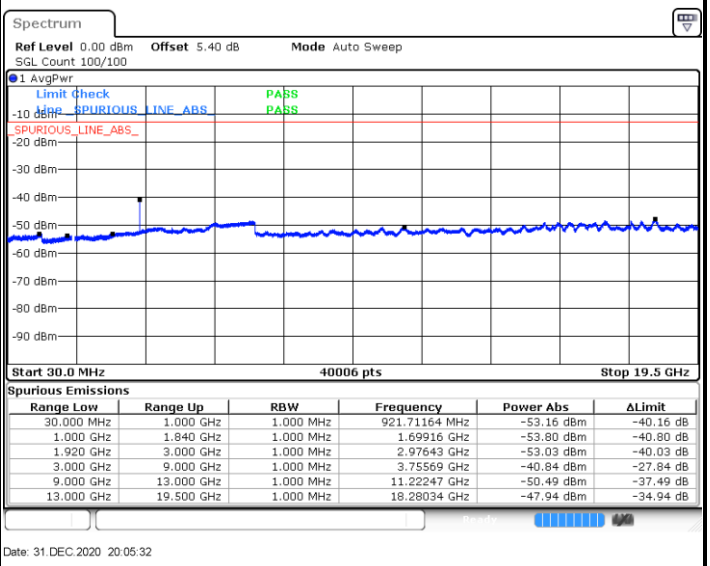


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-52.92 dBm	-39.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-49.59 dBm	-36.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99334 GHz	-52.99 dBm	-39.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.20047 GHz	-50.51 dBm	-37.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27634 GHz	-47.69 dBm	-34.69 dB

Date: 31.DEC.2020 20:04:08

Middle Channel / QPSK

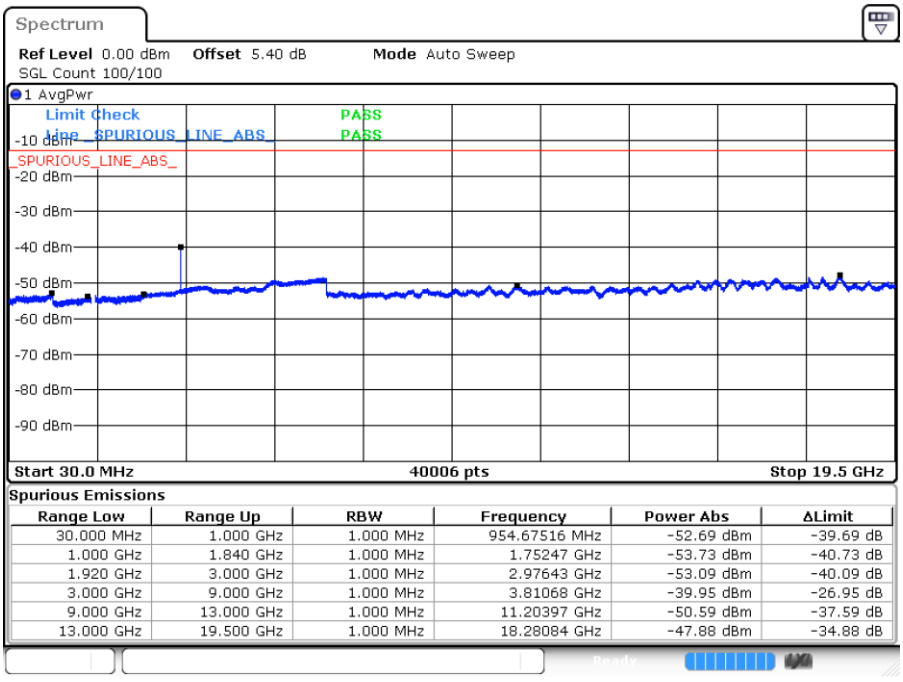


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-53.16 dBm	-40.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69916 GHz	-53.80 dBm	-40.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97643 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-40.84 dBm	-27.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22247 GHz	-50.49 dBm	-37.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28034 GHz	-47.94 dBm	-34.94 dB

Date: 31.DEC.2020 20:05:32

Highest Channel / QPSK



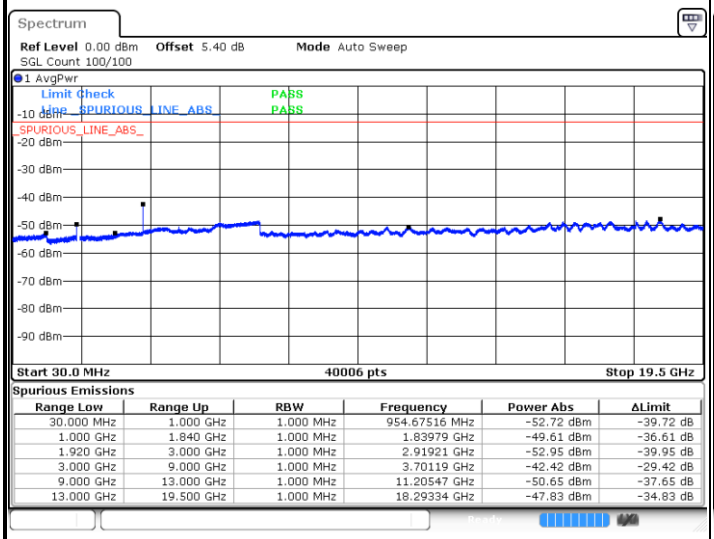
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-52.69 dBm	-39.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75247 GHz	-53.73 dBm	-40.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97643 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-39.95 dBm	-26.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.20397 GHz	-50.59 dBm	-37.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28084 GHz	-47.88 dBm	-34.88 dB

Date: 31.DEC.2020 20:06:18

LTE Band 2 / 10MHz

Lowest Channel / QPSK

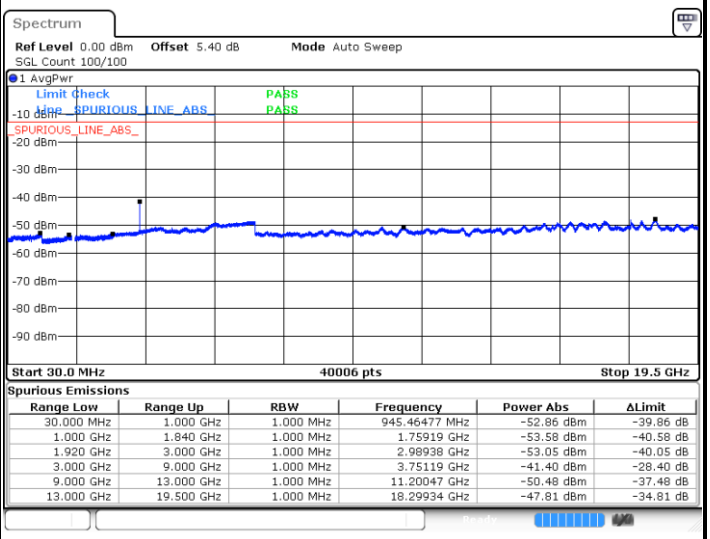


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-52.72 dBm	-39.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-49.61 dBm	-36.61 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.91921 GHz	-52.95 dBm	-39.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-42.42 dBm	-29.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.20547 GHz	-50.65 dBm	-37.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29334 GHz	-47.83 dBm	-34.83 dB

Date: 31.DEC.2020 19:56:50

Middle Channel / QPSK

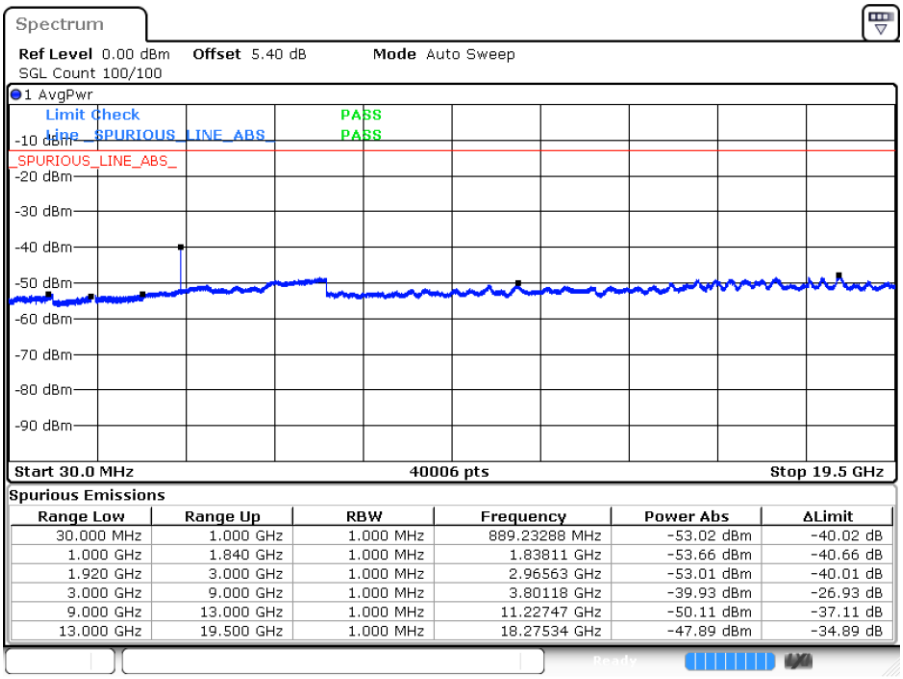


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75919 GHz	-53.58 dBm	-40.58 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98938 GHz	-53.05 dBm	-40.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-41.40 dBm	-28.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.20047 GHz	-50.48 dBm	-37.48 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29934 GHz	-47.81 dBm	-34.81 dB

Date: 31.DEC.2020 19:58:53

Highest Channel / QPSK



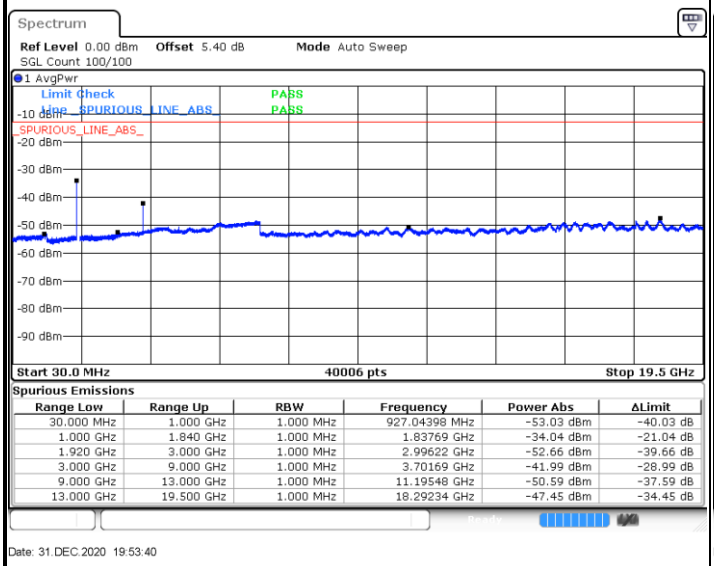
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.23288 MHz	-53.02 dBm	-40.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-53.66 dBm	-40.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96563 GHz	-53.01 dBm	-40.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-39.93 dBm	-26.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22747 GHz	-50.11 dBm	-37.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27534 GHz	-47.89 dBm	-34.89 dB

Date: 31.DEC.2020 20:03:11

LTE Band 2 / 15MHz

Lowest Channel / QPSK

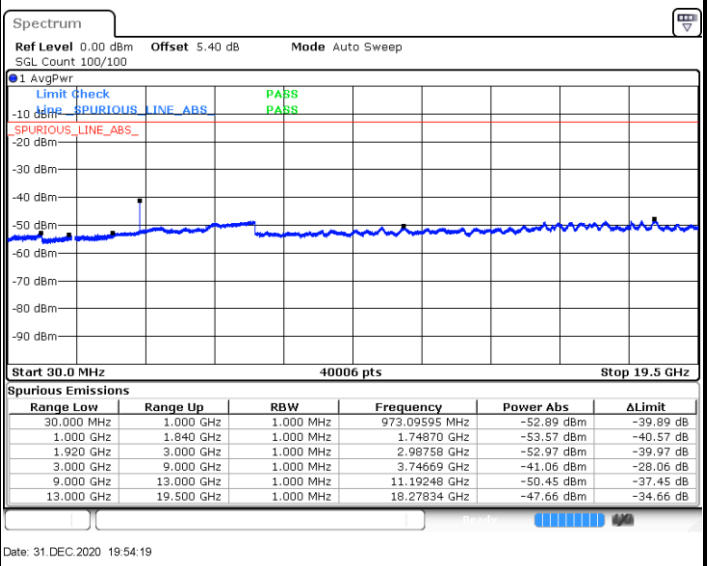


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.04398 MHz	-53.03 dBm	-40.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-34.04 dBm	-21.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-52.66 dBm	-39.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-41.99 dBm	-28.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.19548 GHz	-50.59 dBm	-37.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.29234 GHz	-47.45 dBm	-34.45 dB

Date: 31.DEC.2020 19:53:40

Middle Channel / QPSK

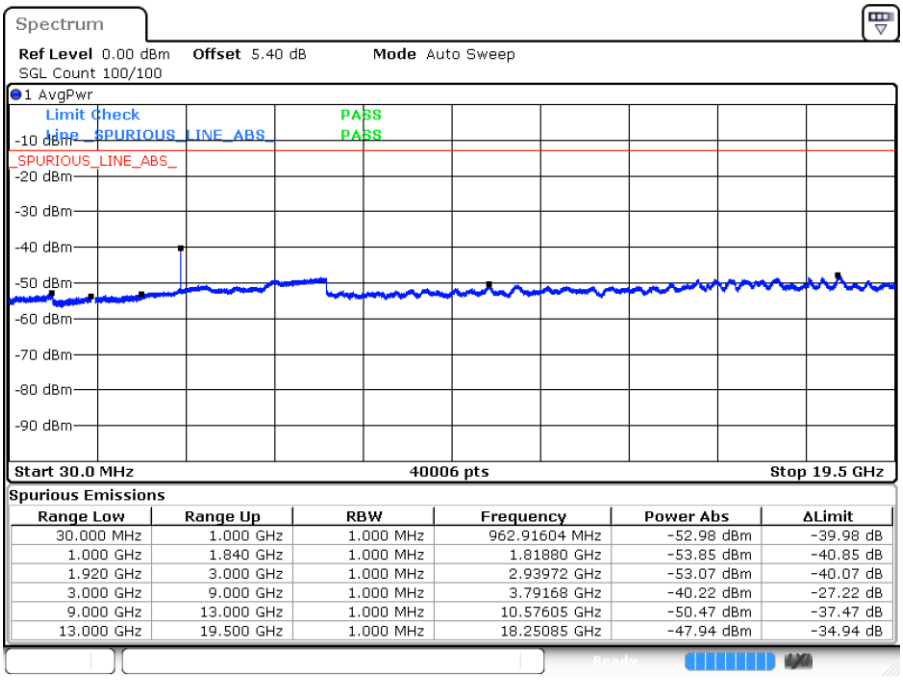


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-52.89 dBm	-39.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74870 GHz	-53.57 dBm	-40.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98758 GHz	-52.97 dBm	-39.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-41.06 dBm	-28.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.19248 GHz	-50.45 dBm	-37.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.27834 GHz	-47.66 dBm	-34.66 dB

Date: 31.DEC.2020 19:54:19

Highest Channel / QPSK



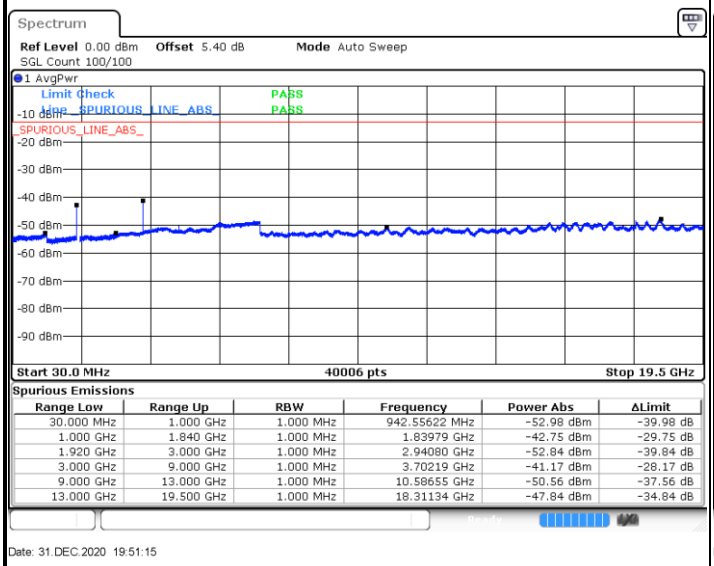
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-52.98 dBm	-39.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81880 GHz	-53.85 dBm	-40.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93972 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-40.22 dBm	-27.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57605 GHz	-50.47 dBm	-37.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.25085 GHz	-47.94 dBm	-34.94 dB

Date: 31.DEC.2020 19:54:58

LTE Band 2 / 20MHz

Lowest Channel / QPSK

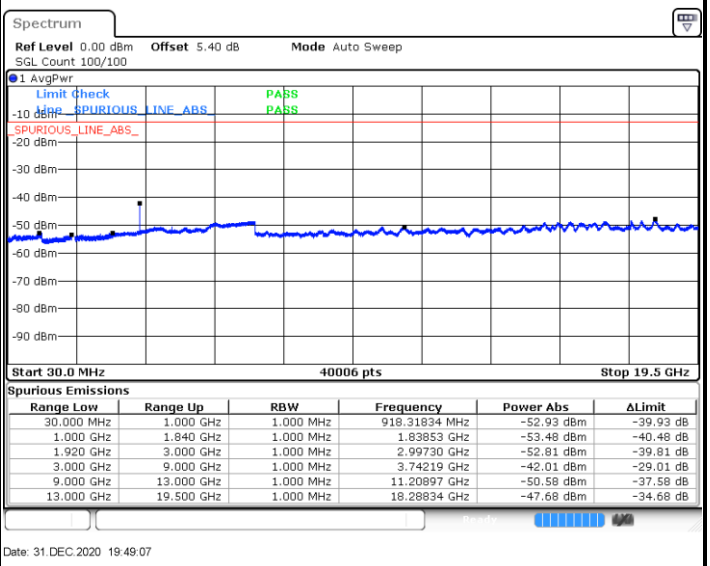


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-52.98 dBm	-39.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-42.75 dBm	-29.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94080 GHz	-52.84 dBm	-39.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-41.17 dBm	-28.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58655 GHz	-50.56 dBm	-37.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.31134 GHz	-47.84 dBm	-34.84 dB

Date: 31.DEC.2020 19:51:15

Middle Channel / QPSK

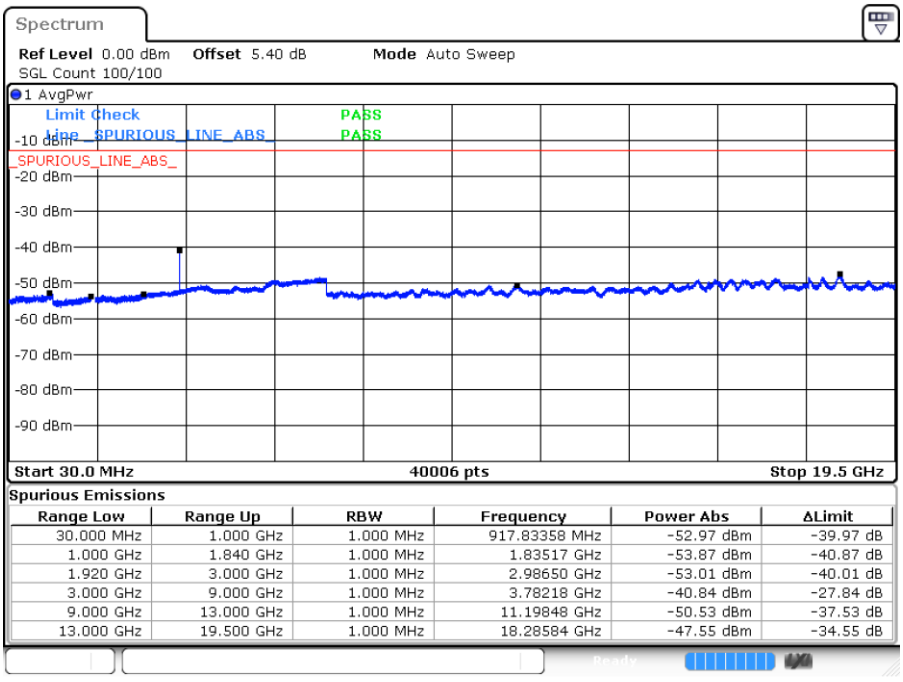


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-52.93 dBm	-39.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83853 GHz	-53.48 dBm	-40.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-52.81 dBm	-39.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-42.01 dBm	-29.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.20897 GHz	-50.58 dBm	-37.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28834 GHz	-47.68 dBm	-34.68 dB

Date: 31.DEC.2020 19:49:07

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-52.97 dBm	-39.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-53.87 dBm	-40.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98650 GHz	-53.01 dBm	-40.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-40.84 dBm	-27.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.19848 GHz	-50.53 dBm	-37.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.28584 GHz	-47.55 dBm	-34.55 dB

Date: 31.DEC.2020 19:52:17

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

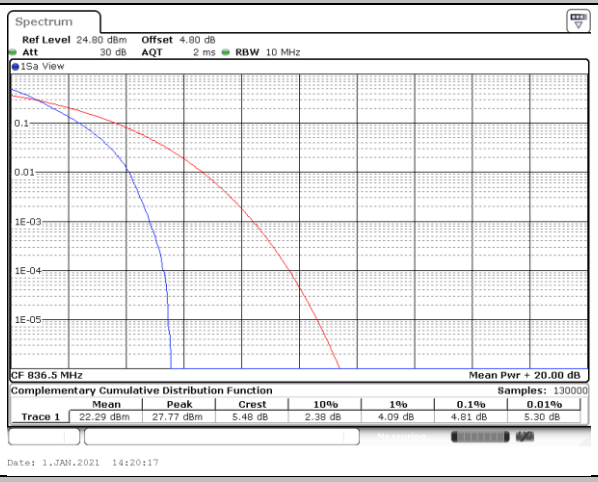
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5

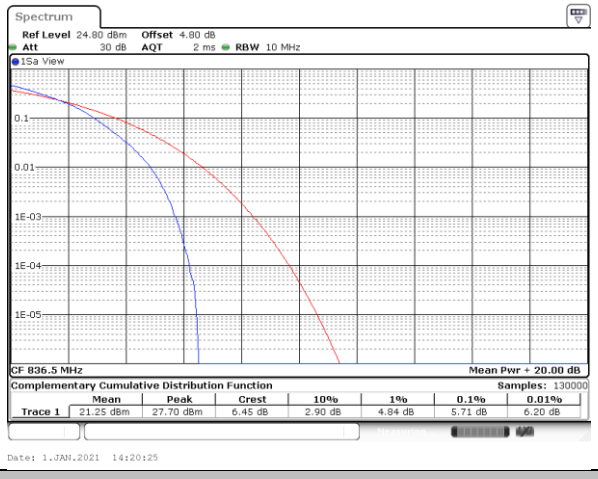
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.71	6.29	PASS

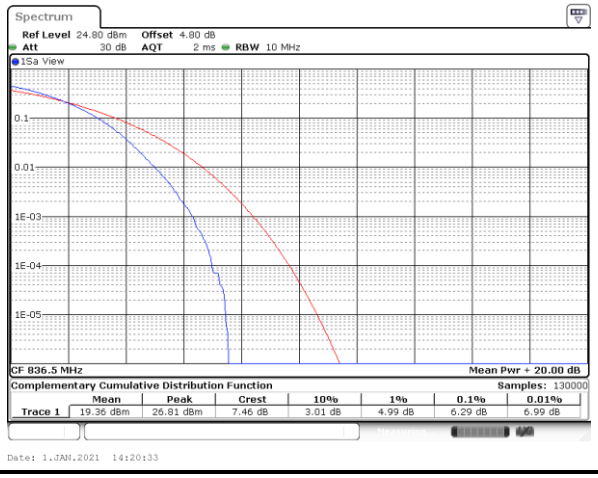
LTE Band 5 / 10MHz
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM

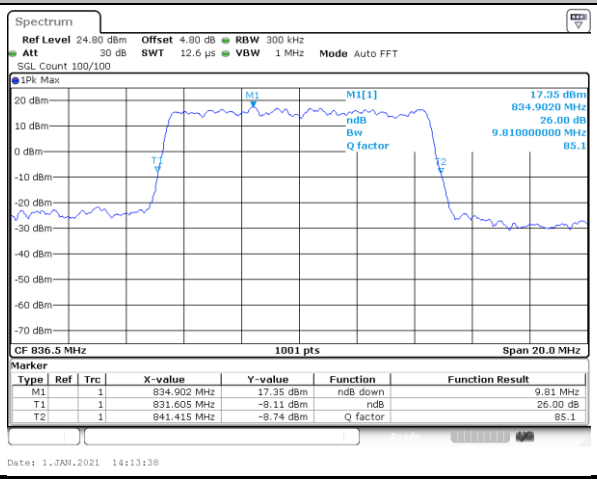


26dB Bandwidth

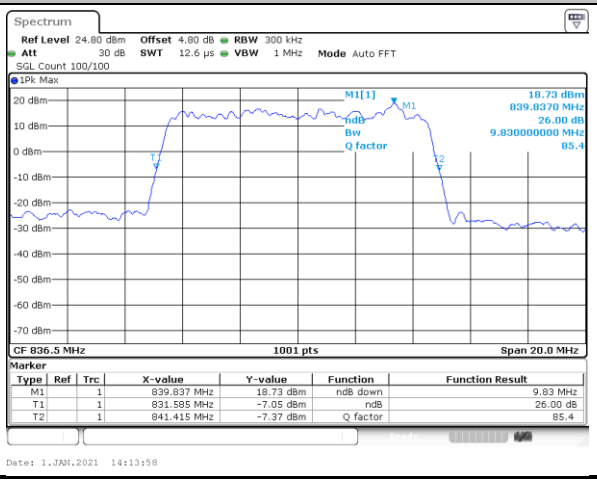
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.83

LTE Band 5

Middle Channel / 10MHz / QPSK



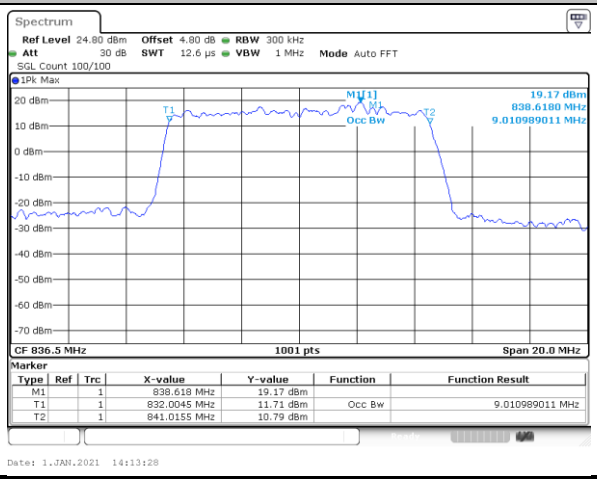
Middle Channel / 10MHz / 16QAM

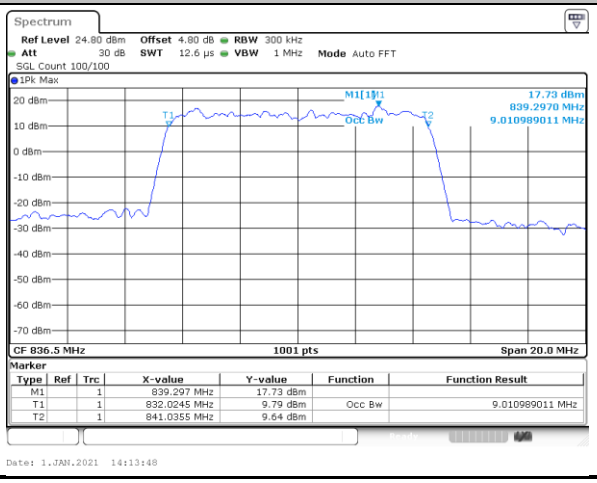


Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01

LTE Band 5	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

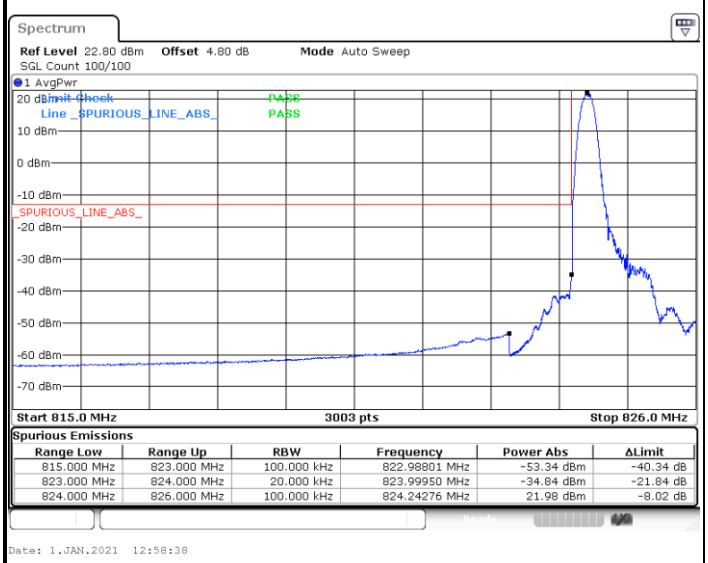




Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

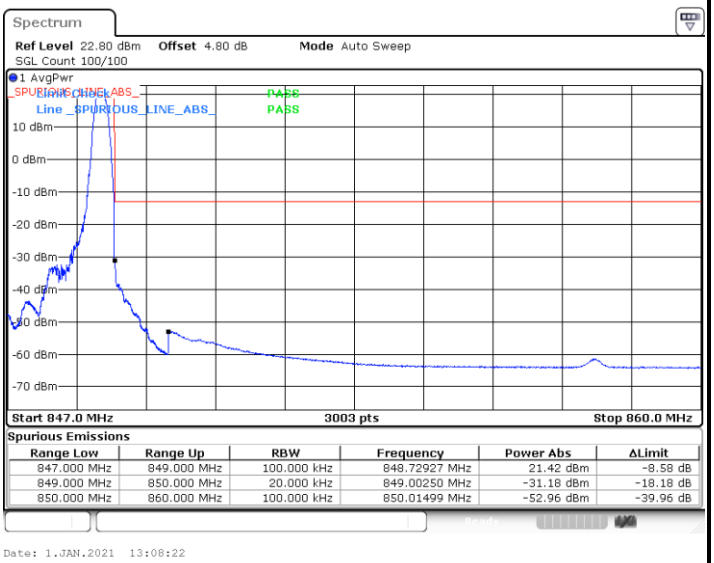


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-53.34 dBm	-40.34 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-34.84 dBm	-21.84 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24276 MHz	21.98 dBm	-8.02 dB

Date: 1.JAN.2021 12:58:38

Highest Band Edge / 1RB

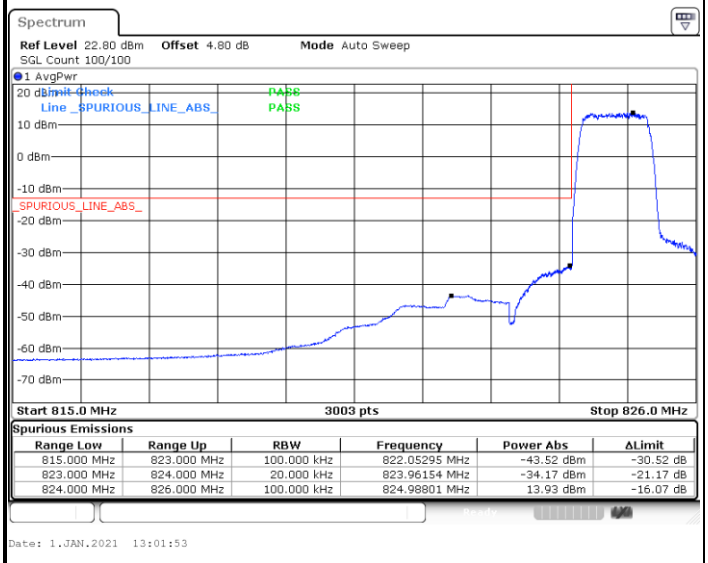


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72927 MHz	21.42 dBm	-8.58 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00250 MHz	-31.18 dBm	-18.18 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-52.96 dBm	-39.96 dB

Date: 1.JAN.2021 13:08:22

Lowest Band Edge / Full RB

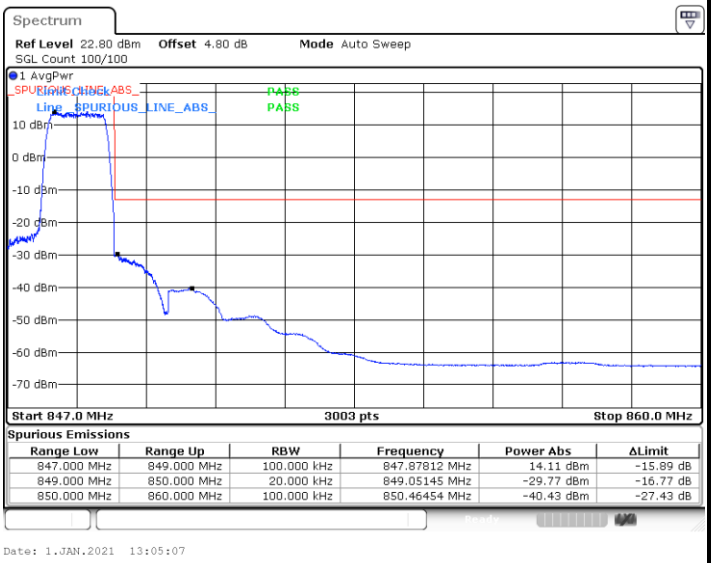


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.05295 MHz	-43.52 dBm	-30.52 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.96154 MHz	-34.17 dBm	-21.17 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.98801 MHz	13.93 dBm	-16.07 dB

Date: 1.JAN.2021 13:01:53

Highest Band Edge / Full RB



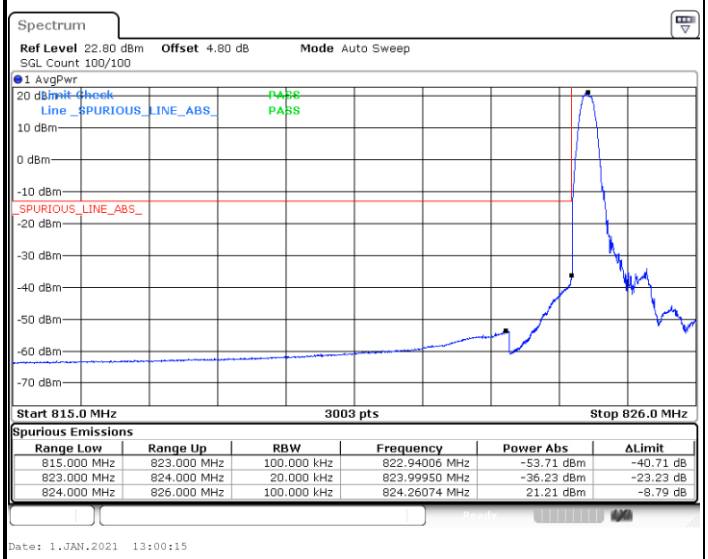
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.87812 MHz	14.11 dBm	-15.89 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.05145 MHz	-29.77 dBm	-16.77 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.46454 MHz	-40.43 dBm	-27.43 dB

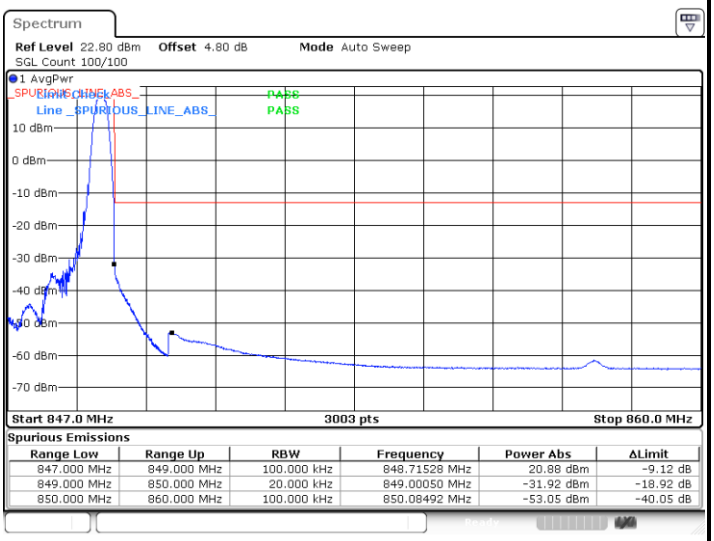
Date: 1.JAN.2021 13:05:07

LTE Band 5 / 1.4MHz / 16QAM

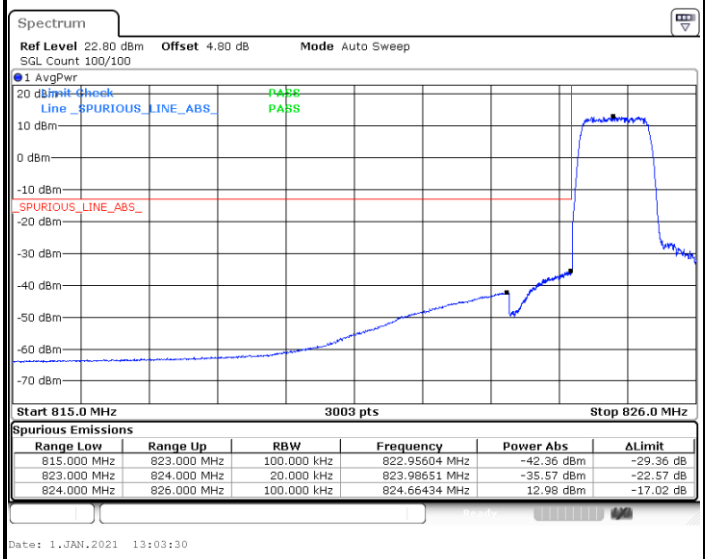
Lowest Band Edge / 1 RB



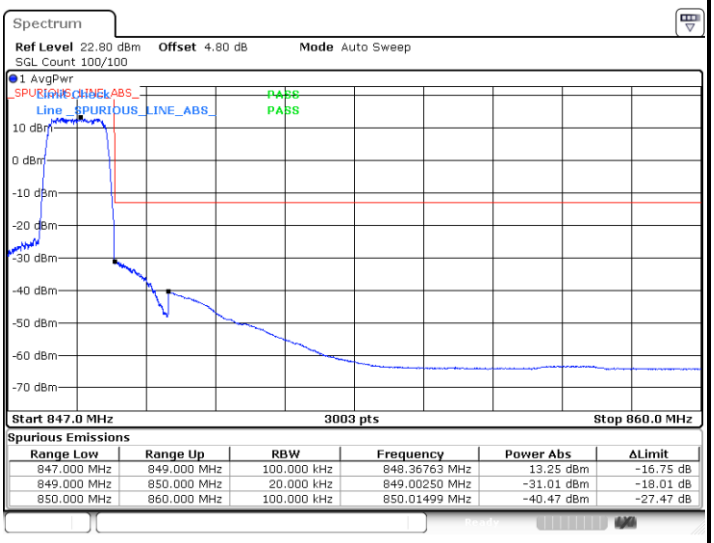
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

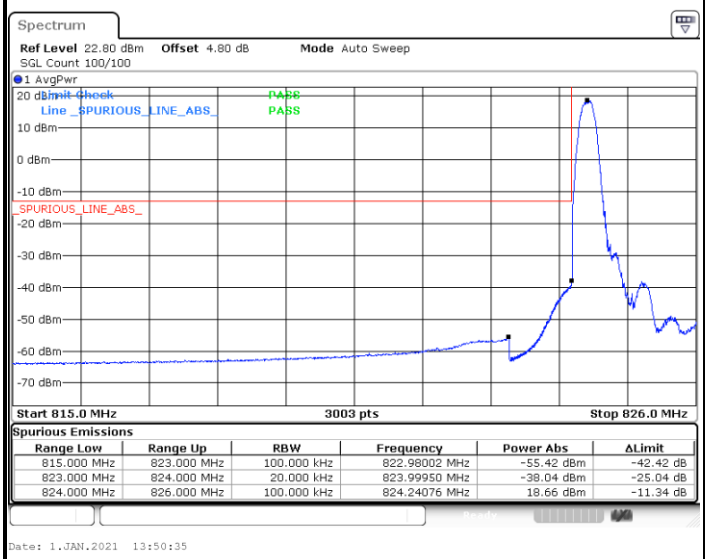


Highest Band Edge / Full RB



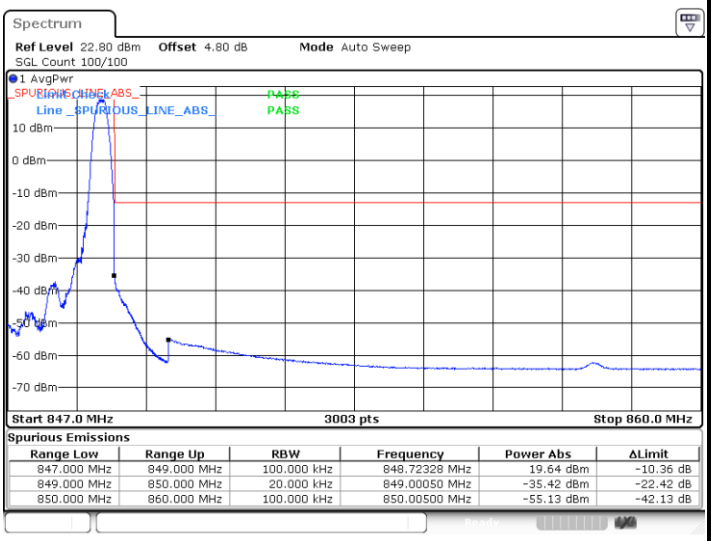
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



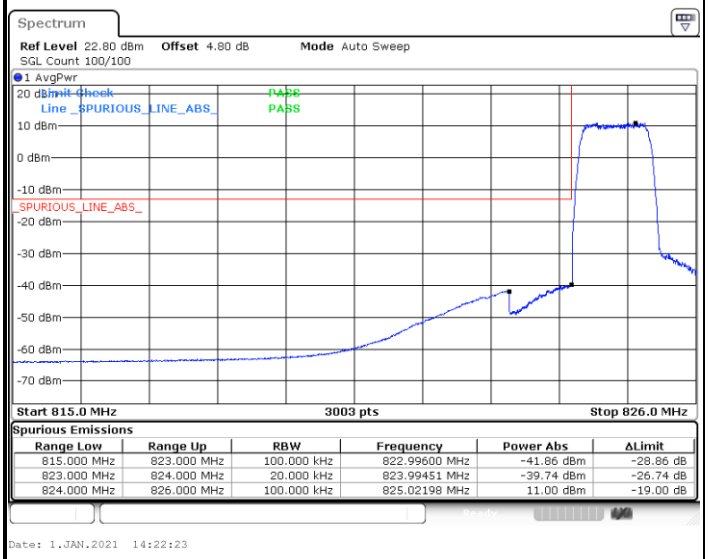
Date: 1.JAN.2021 13:50:35

Highest Band Edge / 1 RB



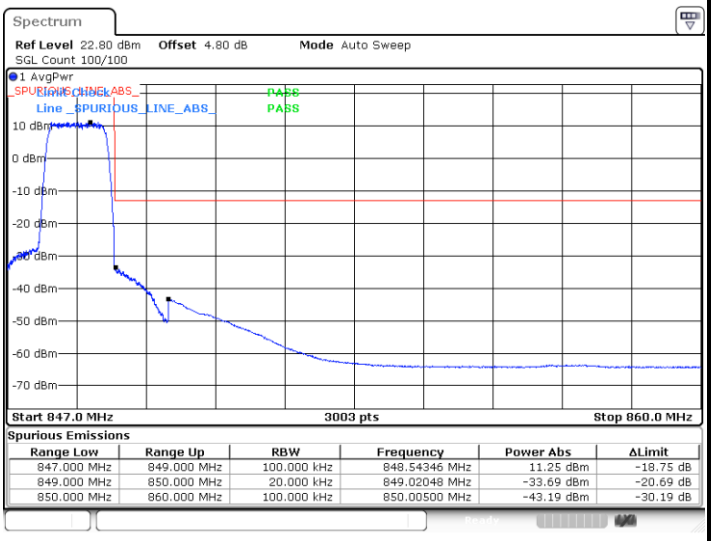
Date: 1.JAN.2021 13:53:50

Lowest Band Edge / Full RB



Date: 1.JAN.2021 14:22:23

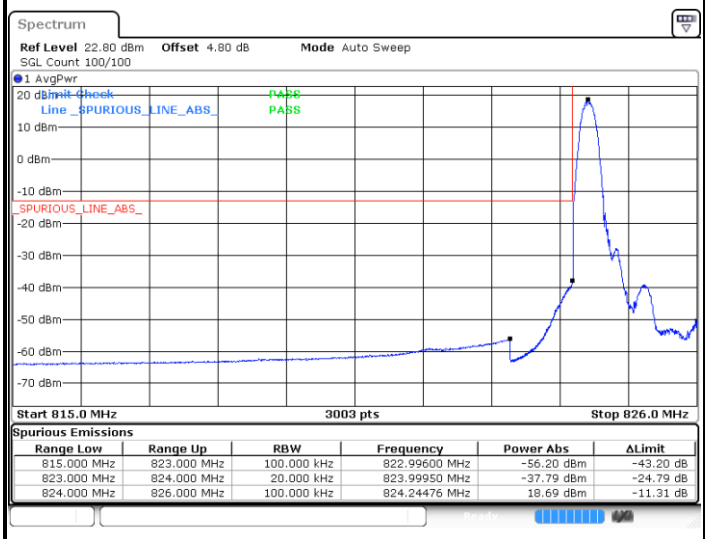
Highest Band Edge / Full RB



Date: 1.JAN.2021 13:52:13

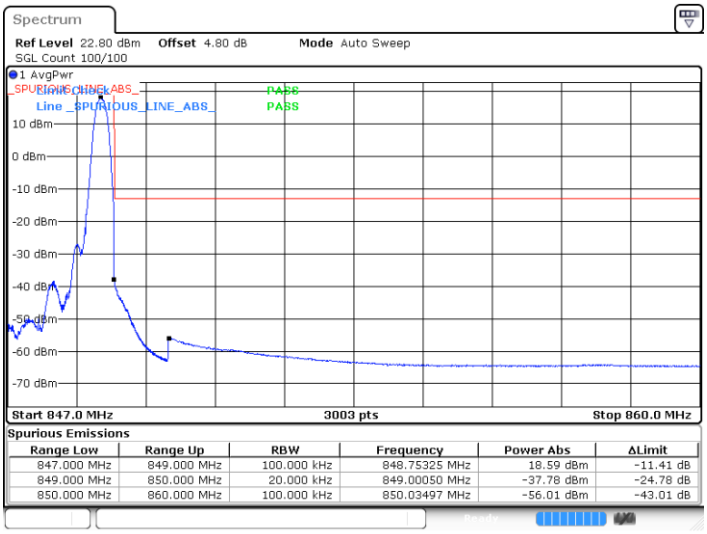
LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



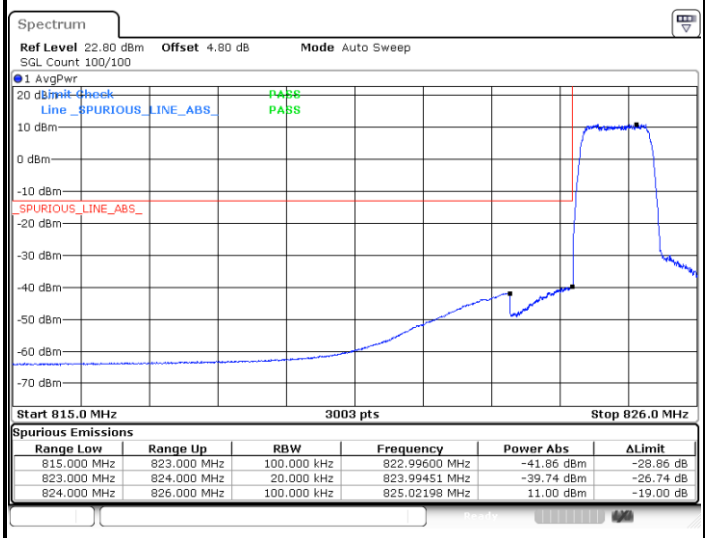
Date: 11.JAN.2021 15:04:01

Highest Band Edge / 1 RB



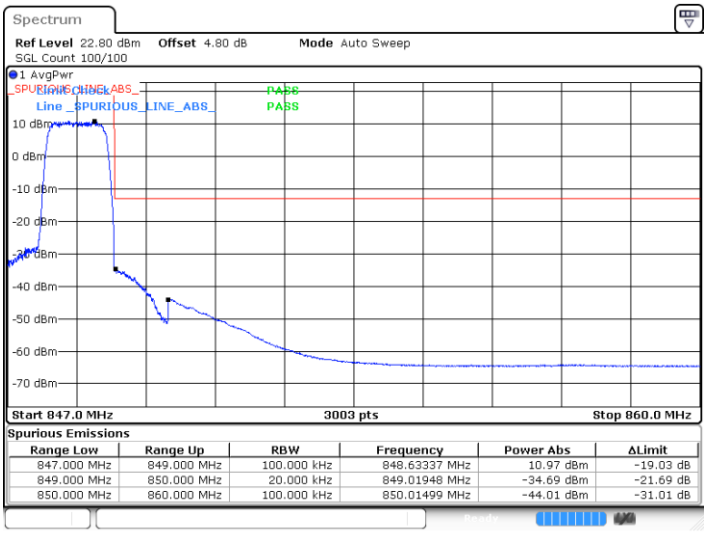
Date: 11.JAN.2021 15:12:43

Lowest Band Edge / Full RB



Date: 1.JAN.2021 14:22:23

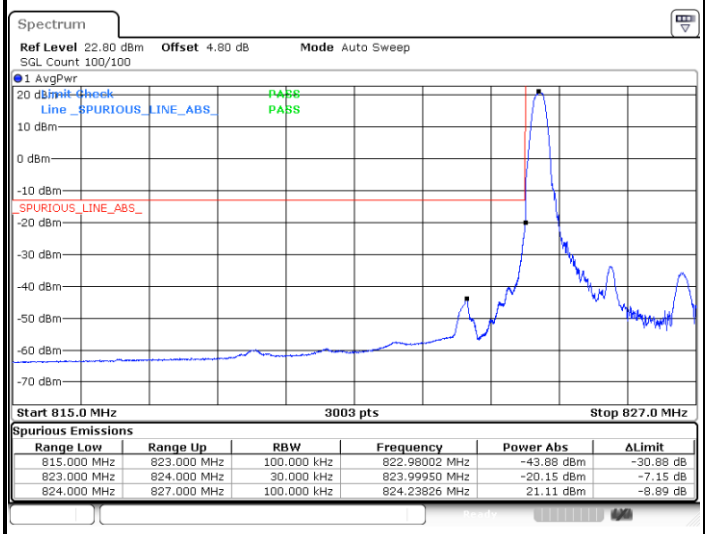
Highest Band Edge / Full RB



Date: 11.JAN.2021 15:15:19

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

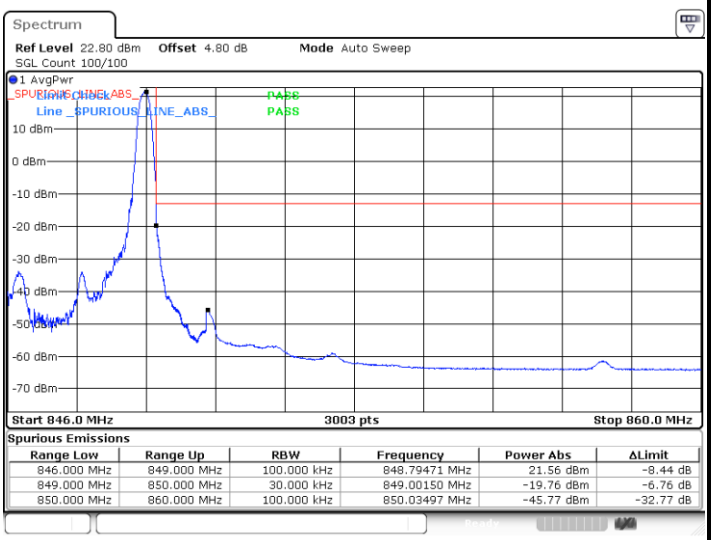


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-43.88 dBm	-30.88 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-20.15 dBm	-7.15 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23826 MHz	21.11 dBm	-8.89 dB

Date: 1.JAN.2021 13:11:37

Highest Band Edge / 1 RB

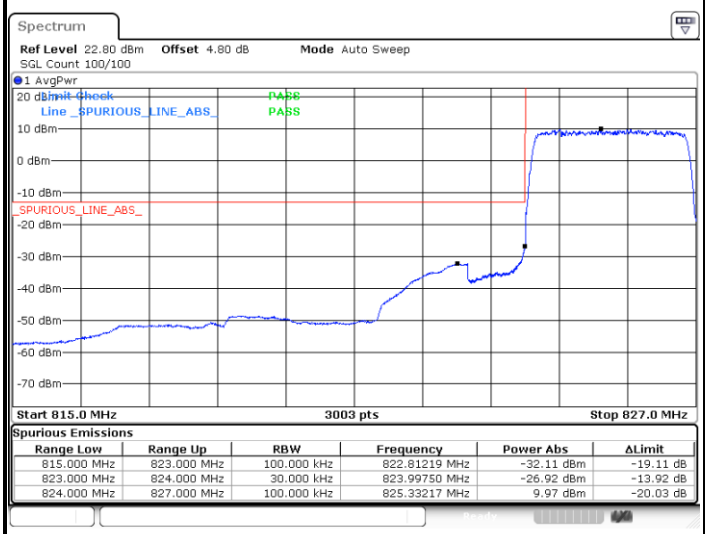


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.79471 MHz	21.56 dBm	-8.44 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-19.76 dBm	-6.76 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-45.77 dBm	-32.77 dB

Date: 1.JAN.2021 13:18:07

Lowest Band Edge / Full RB

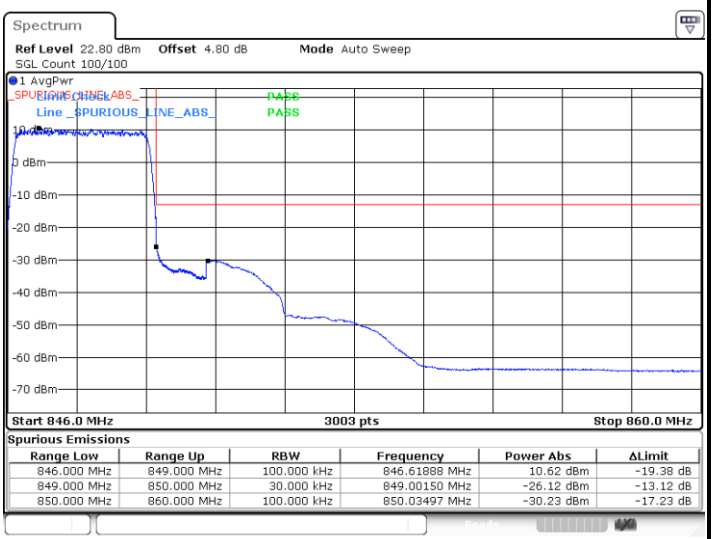


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.81219 MHz	-32.11 dBm	-19.11 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99750 MHz	-26.92 dBm	-13.92 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.33217 MHz	9.97 dBm	-20.03 dB

Date: 1.JAN.2021 13:14:52

Highest Band Edge / Full RB



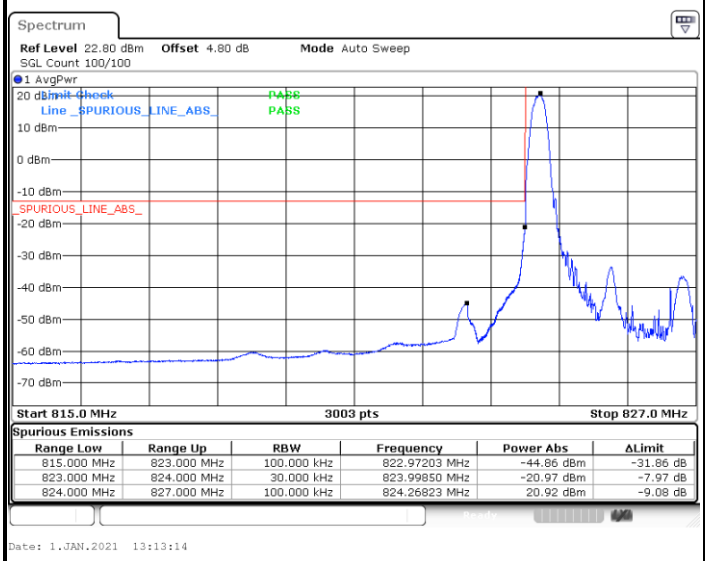
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.61888 MHz	10.62 dBm	-19.38 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-26.12 dBm	-13.12 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-30.23 dBm	-17.23 dB

Date: 1.JAN.2021 13:21:22

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

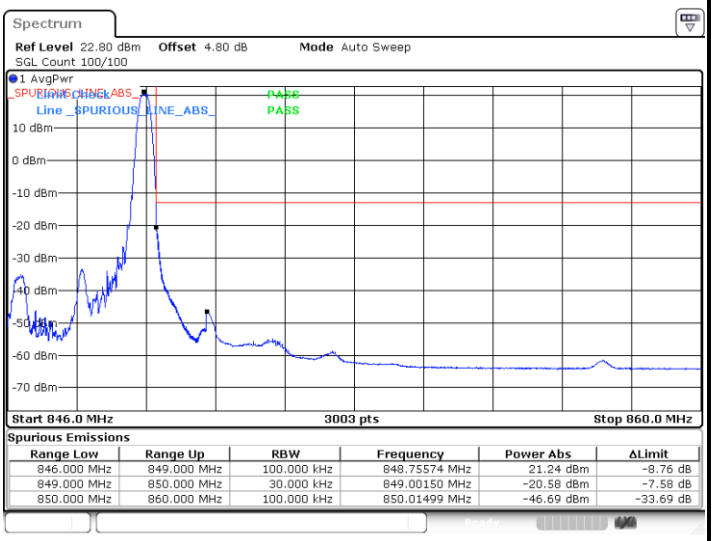


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-44.86 dBm	-31.86 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-20.97 dBm	-7.97 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.26823 MHz	20.92 dBm	-9.08 dB

Date: 1.JAN.2021 13:13:14

Highest Band Edge /1 RB

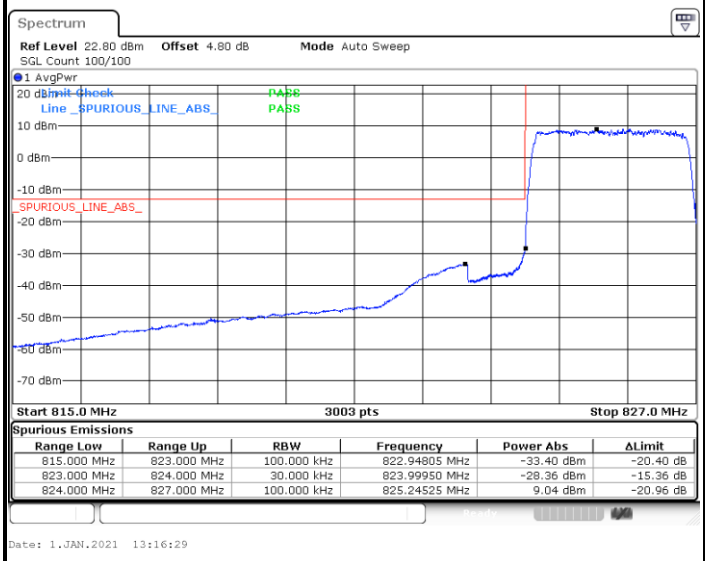


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75574 MHz	21.24 dBm	-8.76 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-20.58 dBm	-7.58 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-46.69 dBm	-33.69 dB

Date: 1.JAN.2021 13:19:44

Lowest Band Edge / Full RB

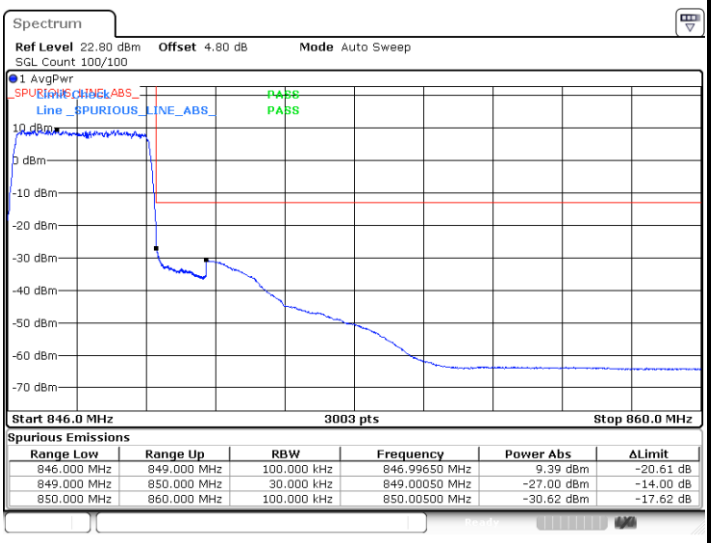


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-33.40 dBm	-20.40 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-28.36 dBm	-15.36 dB
824.000 MHz	827.000 MHz	100.000 kHz	825.24525 MHz	9.04 dBm	-20.96 dB

Date: 1.JAN.2021 13:16:29

Highest Band Edge / Full RB



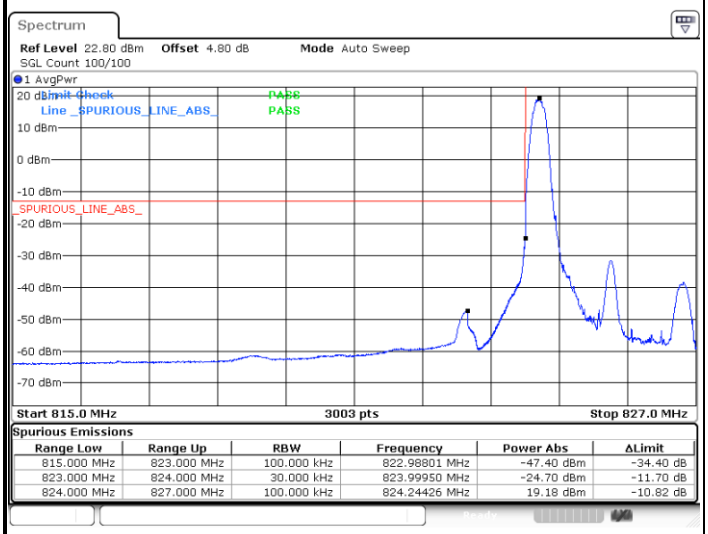
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.99650 MHz	9.39 dBm	-20.61 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-27.00 dBm	-14.00 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-30.62 dBm	-17.62 dB

Date: 1.JAN.2021 13:22:59

LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

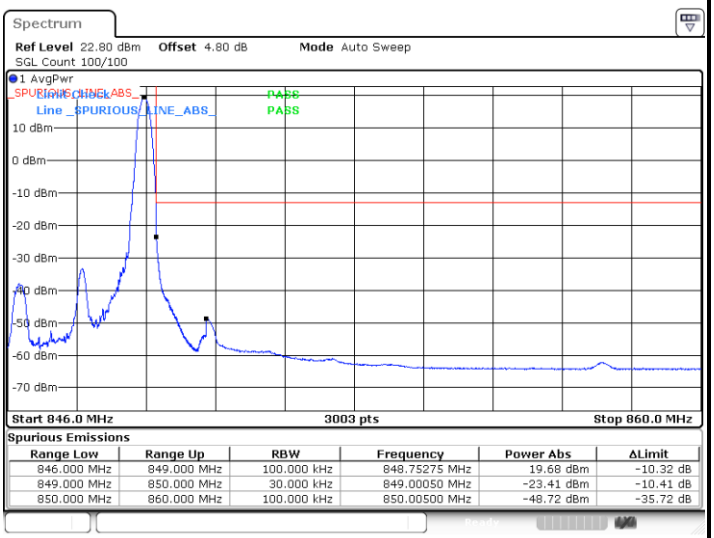


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-47.40 dBm	-34.40 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-24.70 dBm	-11.70 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.24426 MHz	19.18 dBm	-10.82 dB

Date: 1.JAN.2021 13:57:05

Highest Band Edge /1 RB

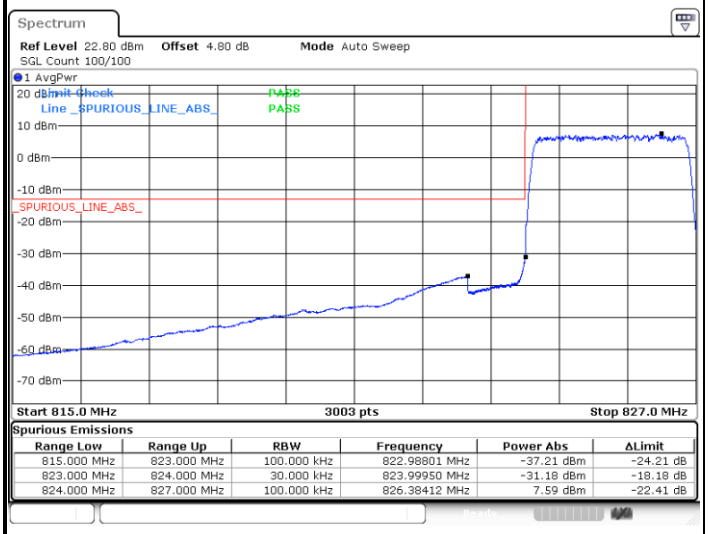


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.75275 MHz	19.68 dBm	-10.32 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-23.41 dBm	-10.41 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-48.72 dBm	-35.72 dB

Date: 1.JAN.2021 14:00:19

Lowest Band Edge / Full RB

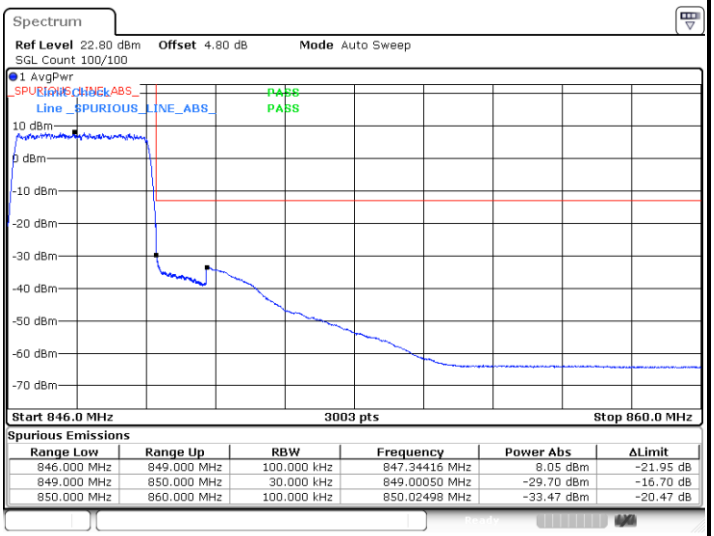


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-37.21 dBm	-24.21 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-31.18 dBm	-18.18 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.38412 MHz	7.59 dBm	-22.41 dB

Date: 1.JAN.2021 13:55:27

Highest Band Edge / Full RB



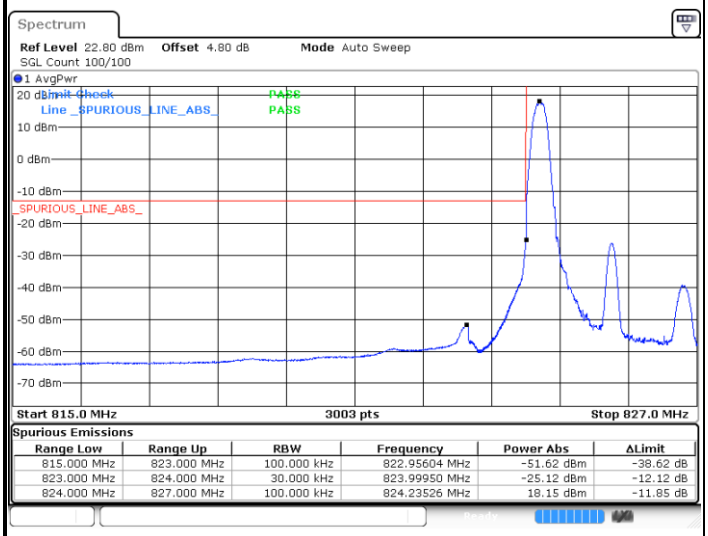
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.34416 MHz	8.05 dBm	-21.95 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.70 dBm	-16.70 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-33.47 dBm	-20.47 dB

Date: 1.JAN.2021 13:58:42

LTE Band 5 / 3MHz / 256QAM

Lowest Band Edge / 1 RB

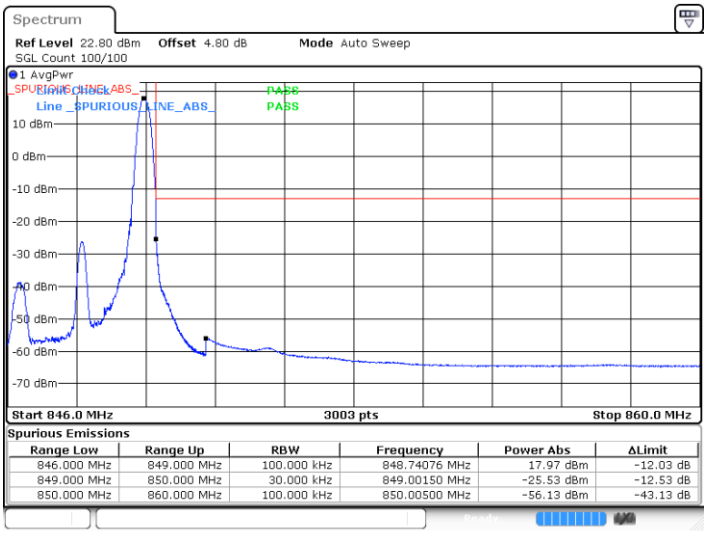


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-51.62 dBm	-38.62 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-25.12 dBm	-12.12 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23526 MHz	18.15 dBm	-11.85 dB

Date: 11.JAN.2021 15:18:26

Highest Band Edge /1 RB

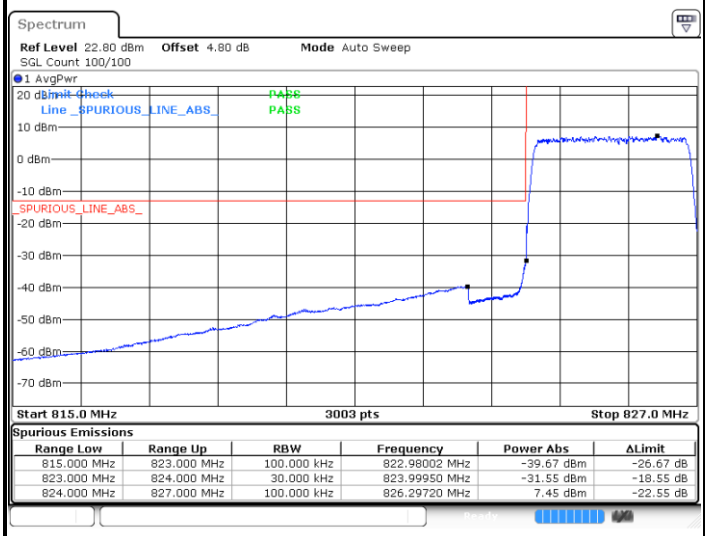


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74076 MHz	17.97 dBm	-12.03 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-25.53 dBm	-12.53 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-56.13 dBm	-43.13 dB

Date: 11.JAN.2021 15:19:59

Lowest Band Edge / Full RB

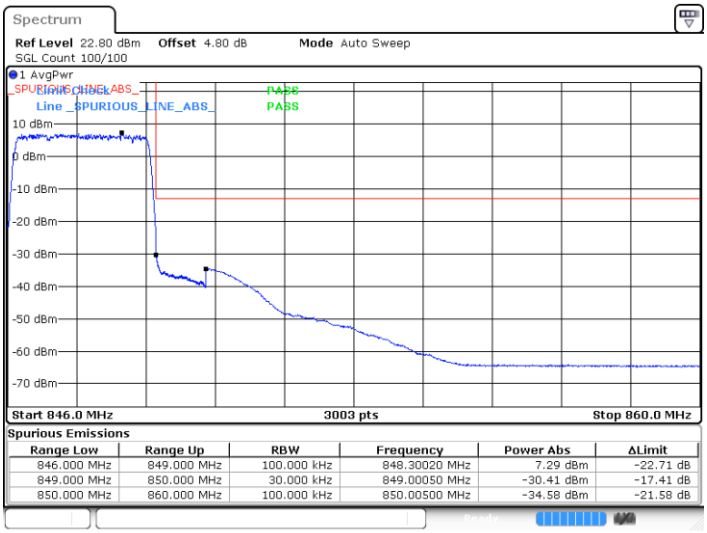


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-39.67 dBm	-26.67 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-31.55 dBm	-18.55 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.29720 MHz	7.45 dBm	-22.55 dB

Date: 11.JAN.2021 18:21:12

Highest Band Edge / Full RB



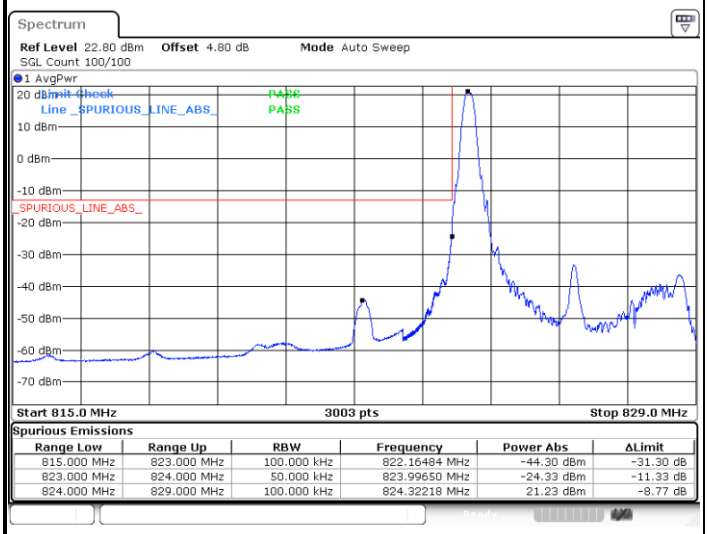
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.30020 MHz	7.29 dBm	-22.71 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-30.41 dBm	-17.41 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-34.58 dBm	-21.58 dB

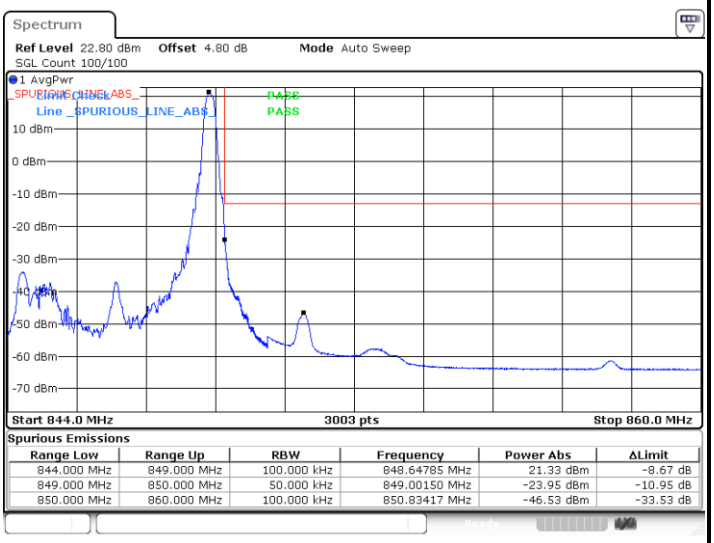
Date: 11.JAN.2021 15:21:31

LTE Band 5 / 5MHz / QPSK

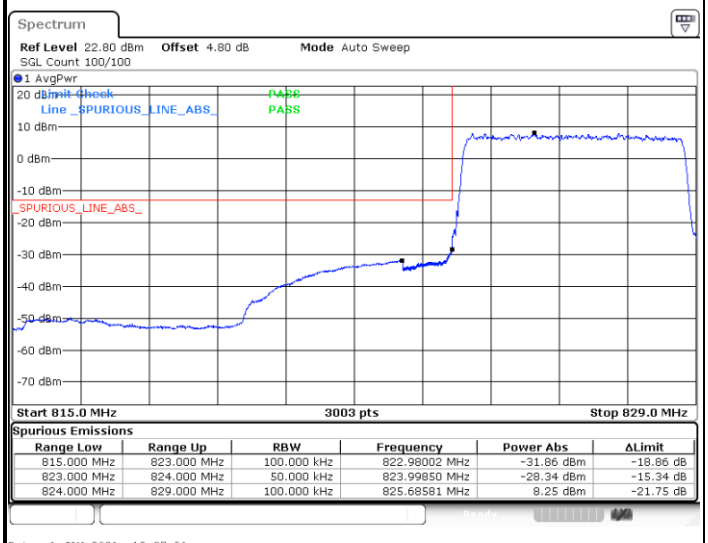
Lowest Band Edge / 1 RB



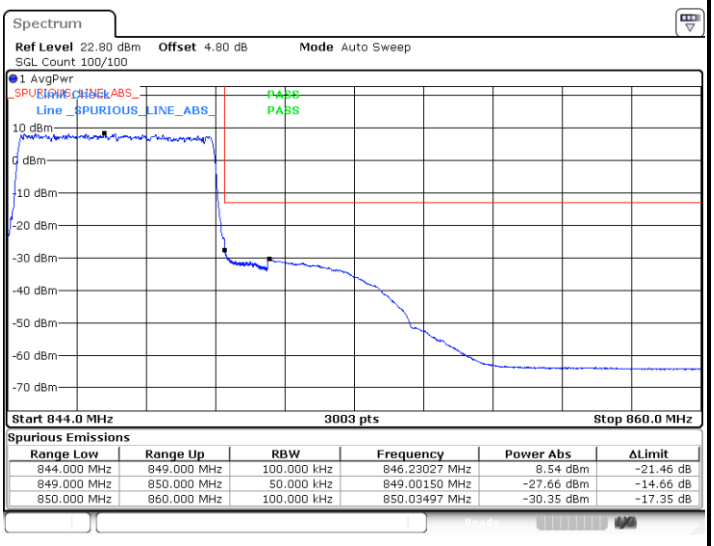
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

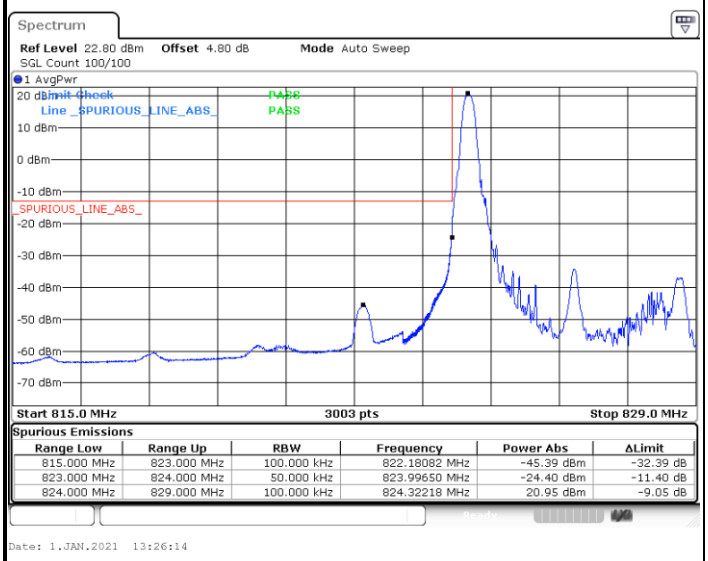


Highest Band Edge / Full RB

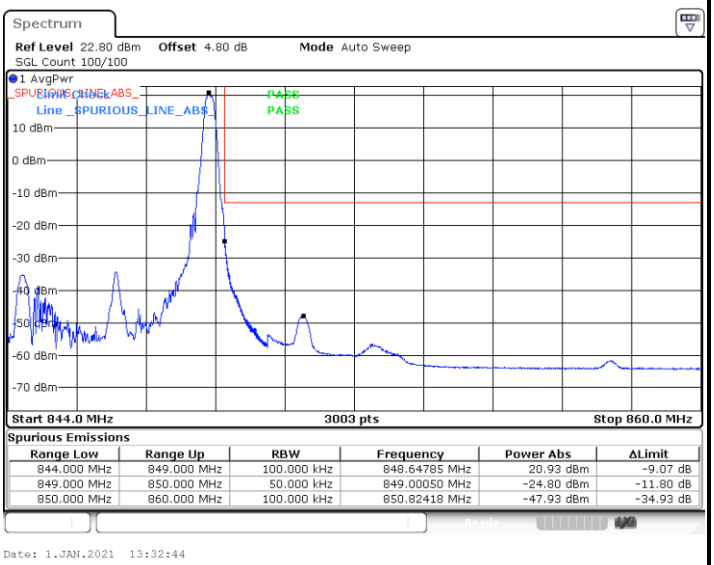


LTE Band 5 / 5MHz / 16QAM

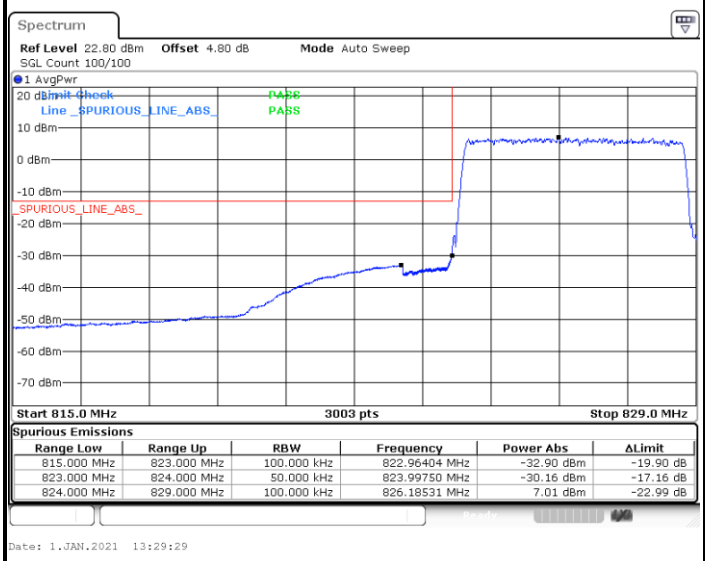
Lowest Band Edge / 1RB



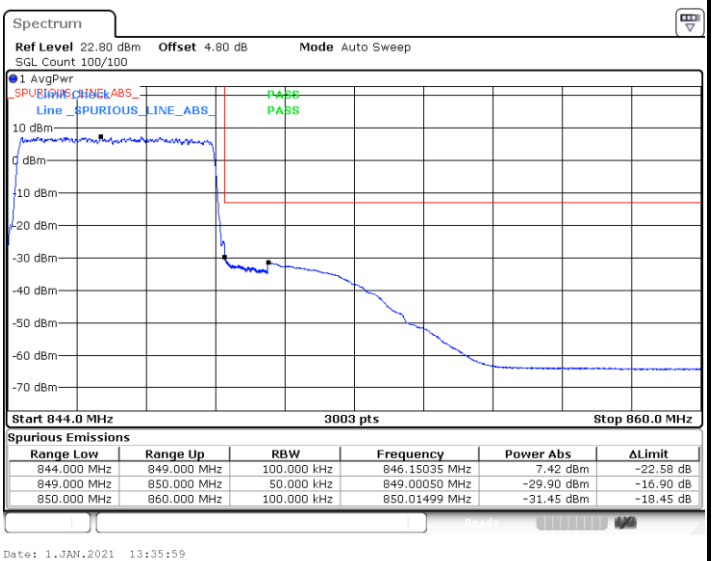
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

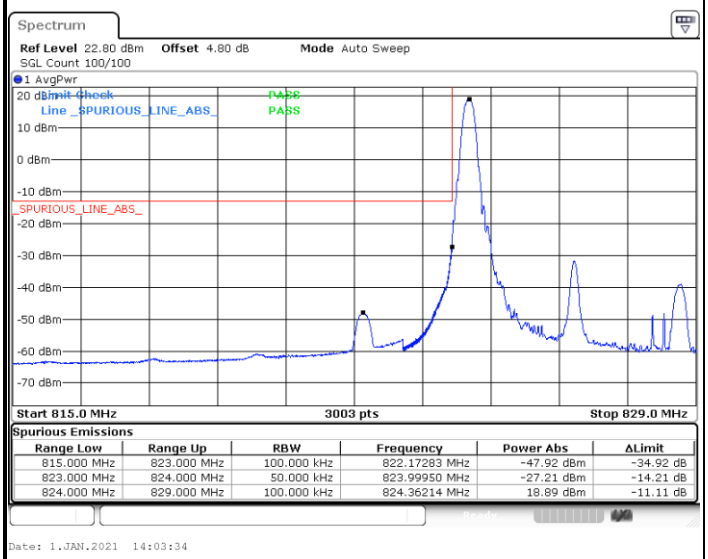


Highest Band Edge / Full RB

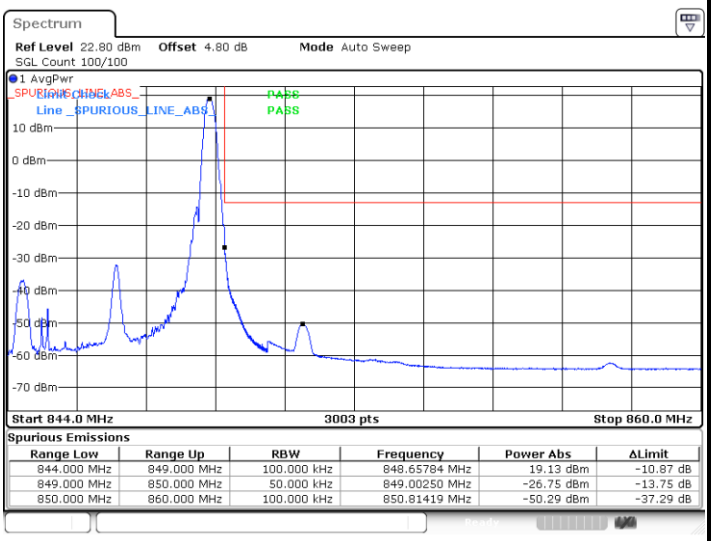


LTE Band 5 / 5MHz / 64QAM

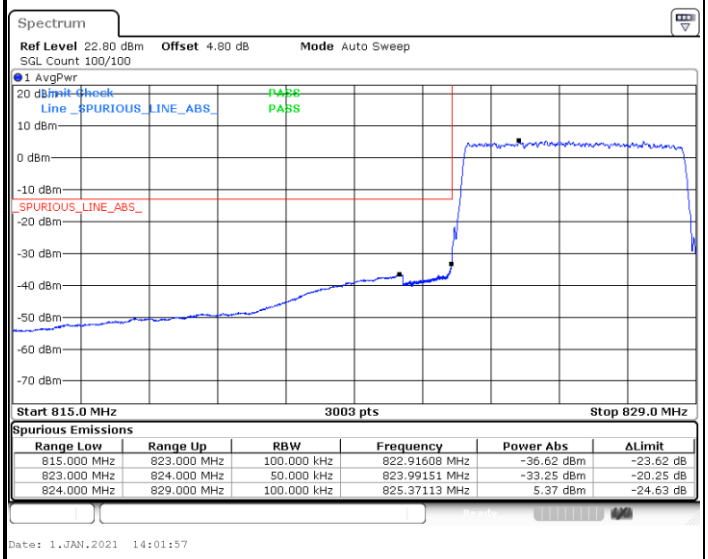
Lowest Band Edge / 1RB



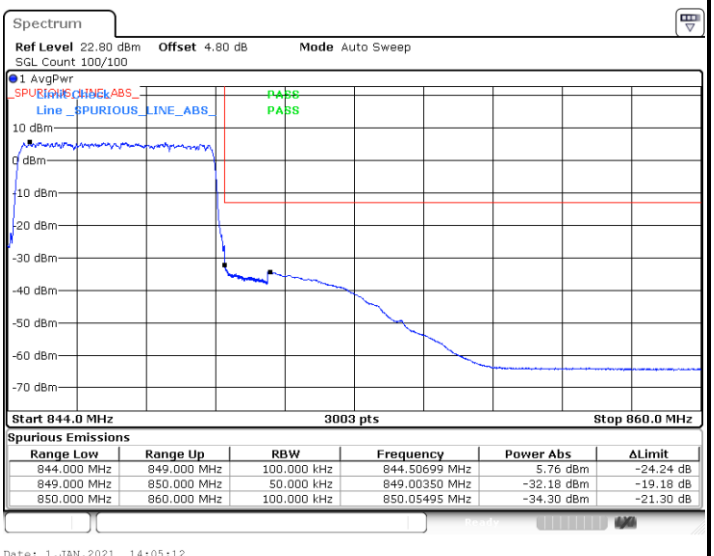
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

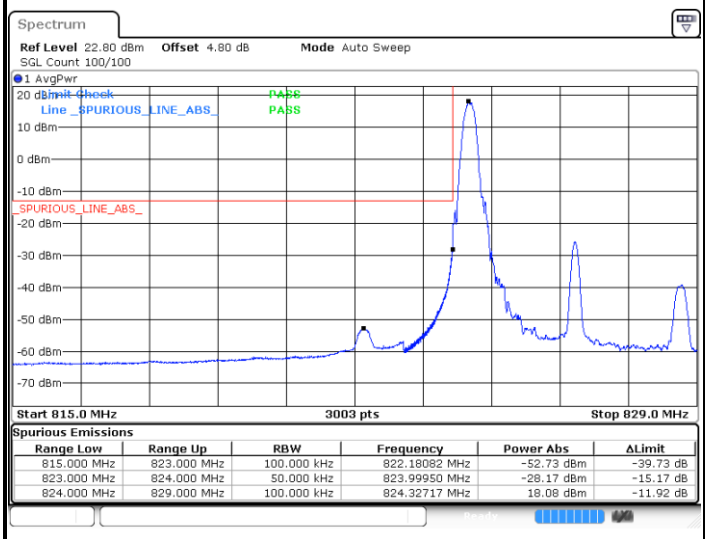


Highest Band Edge / Full RB



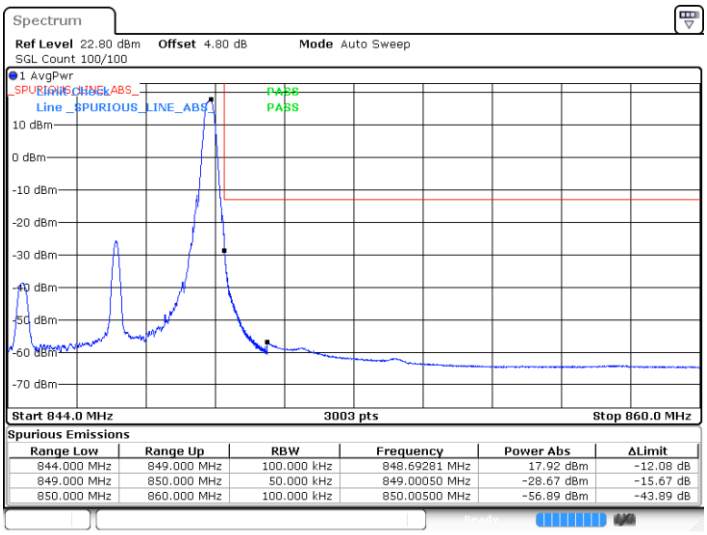
LTE Band 5 / 5MHz / 256QAM

Lowest Band Edge / 1RB



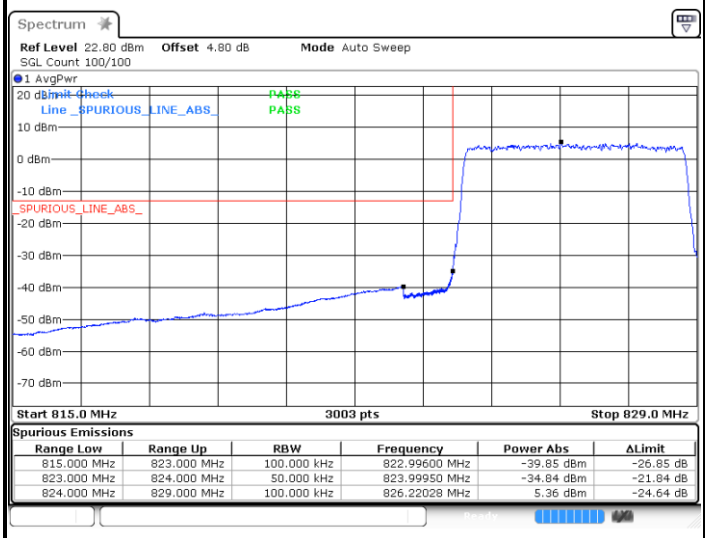
Date: 11.JAN.2021 15:24:08

Highest Band Edge / 1 RB



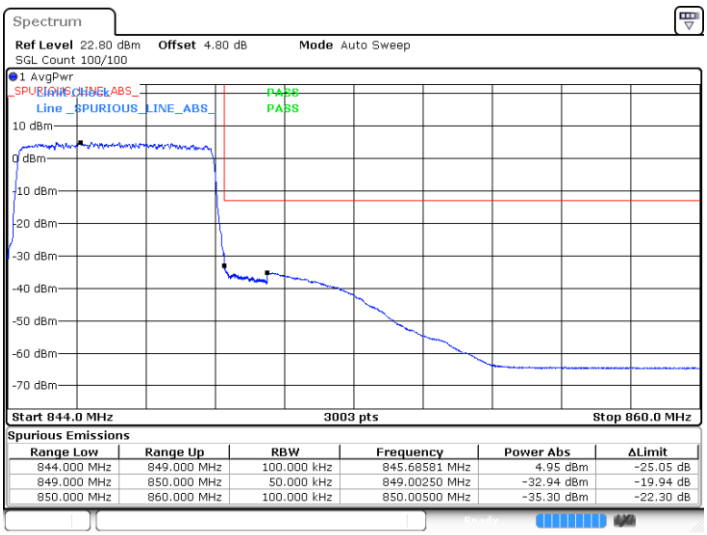
Date: 11.JAN.2021 15:25:30

Lowest Band Edge / Full RB



Date: 11.JAN.2021 15:23:27

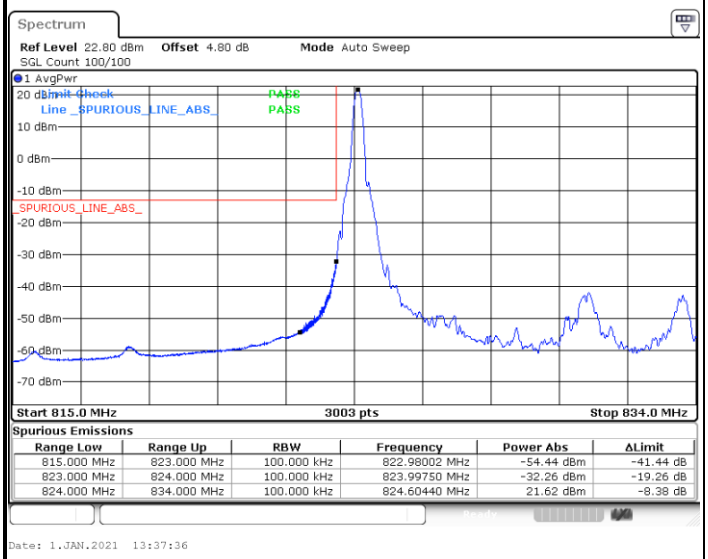
Highest Band Edge / Full RB



Date: 11.JAN.2021 15:26:22

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

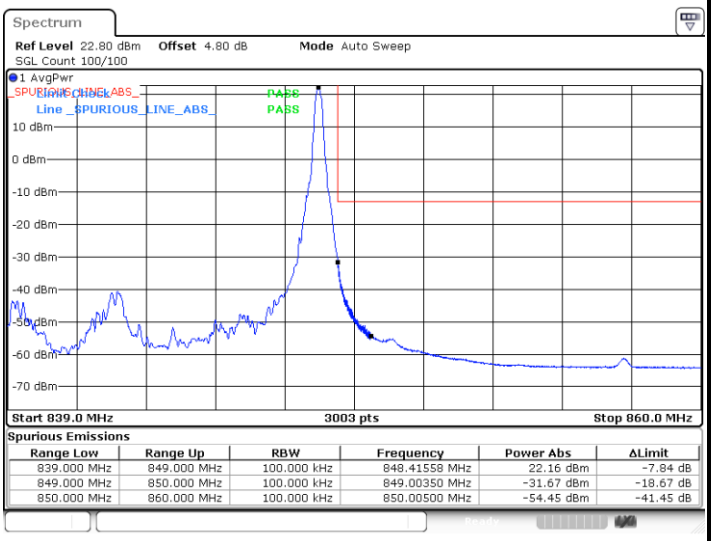


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-54.44 dBm	-41.44 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99750 MHz	-32.26 dBm	-19.26 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	21.62 dBm	-8.38 dB

Date: 1.JAN.2021 13:37:36

Highest Band Edge / 1 RB

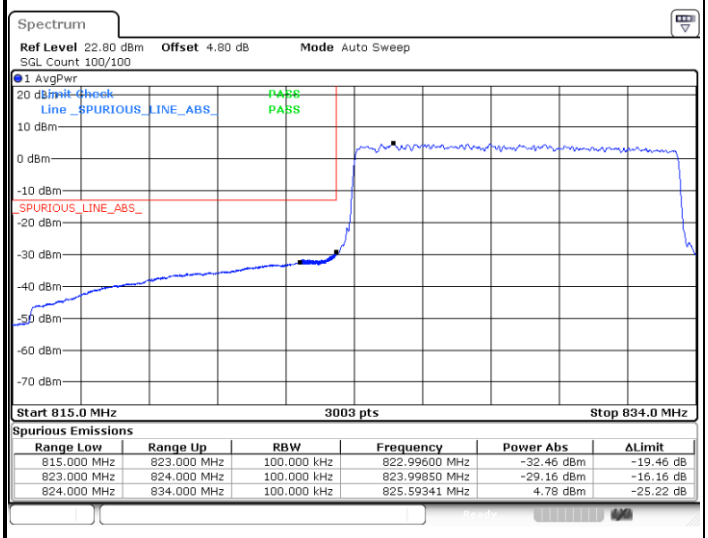


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	22.16 dBm	-7.84 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-31.67 dBm	-18.67 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-54.45 dBm	-41.45 dB

Date: 1.JAN.2021 13:44:06

Lowest Band Edge / Full RB

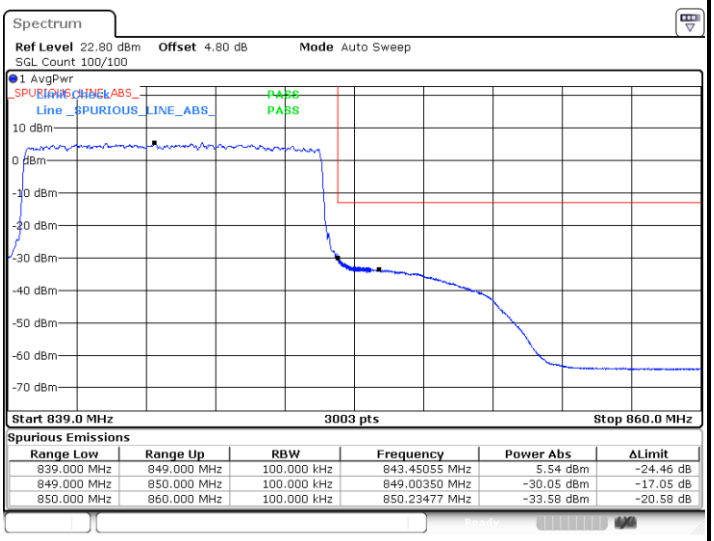


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-32.46 dBm	-19.46 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-29.16 dBm	-16.16 dB
824.000 MHz	834.000 MHz	100.000 kHz	825.59341 MHz	4.78 dBm	-25.22 dB

Date: 1.JAN.2021 13:40:51

Highest Band Edge / Full RB



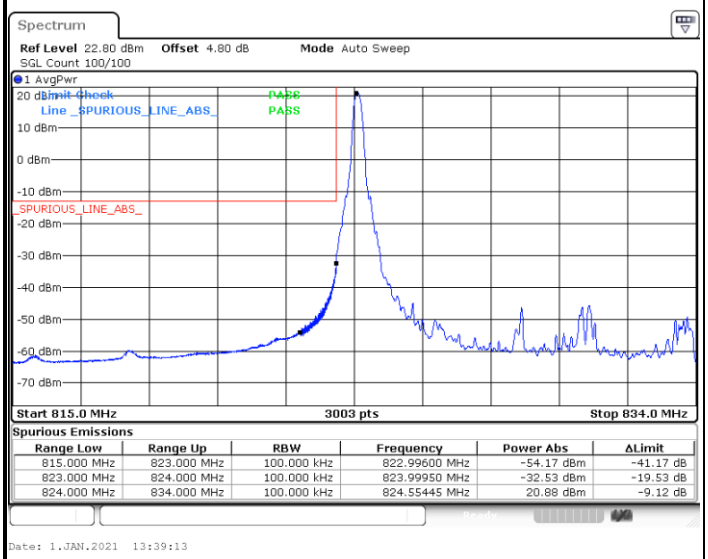
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	843.45055 MHz	5.54 dBm	-24.46 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-30.05 dBm	-17.05 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.23477 MHz	-33.58 dBm	-20.58 dB

Date: 1.JAN.2021 13:47:21

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

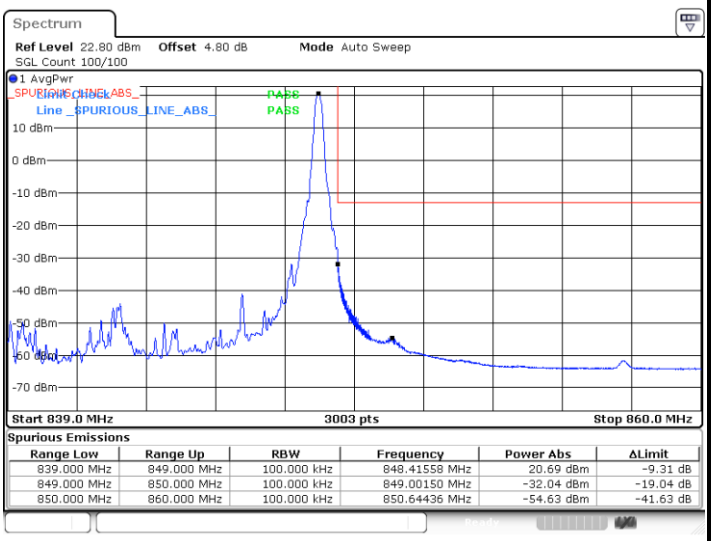


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-54.17 dBm	-41.17 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-32.53 dBm	-19.53 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.55445 MHz	20.88 dBm	-9.12 dB

Date: 1.JAN.2021 13:39:13

Highest Band Edge / 1 RB

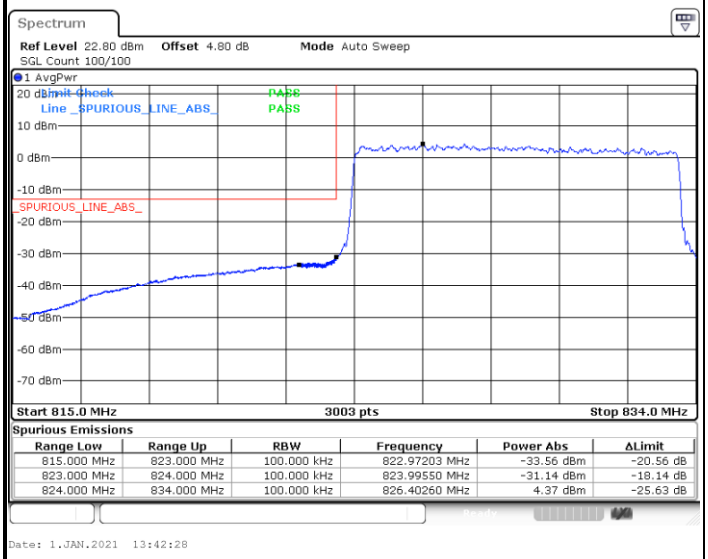


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	20.69 dBm	-9.31 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00150 MHz	-32.04 dBm	-19.04 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.64436 MHz	-54.63 dBm	-41.63 dB

Date: 1.JAN.2021 13:45:43

Lowest Band Edge / Full RB

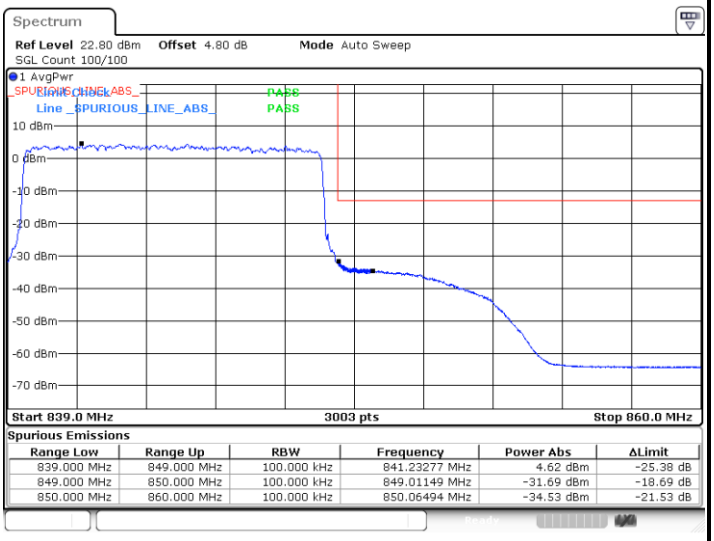


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-33.56 dBm	-20.56 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99550 MHz	-31.14 dBm	-18.14 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.40260 MHz	4.37 dBm	-25.63 dB

Date: 1.JAN.2021 13:42:28

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.23277 MHz	4.62 dBm	-25.38 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01149 MHz	-31.69 dBm	-18.69 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.06494 MHz	-34.53 dBm	-21.53 dB

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