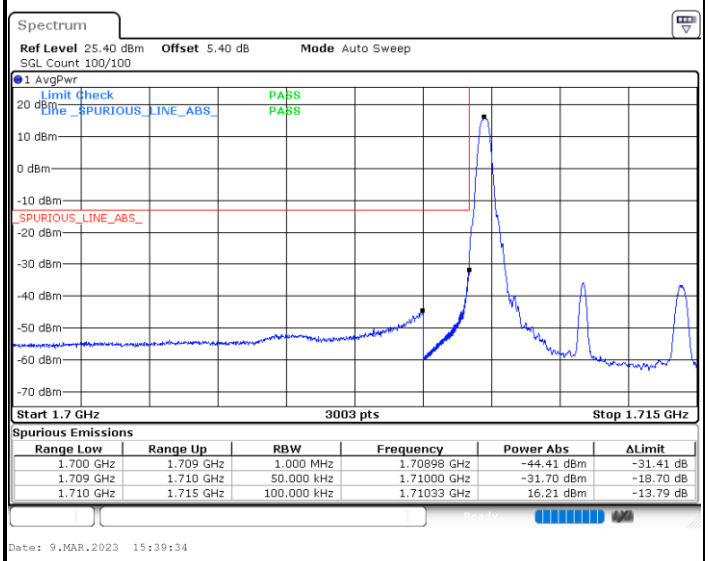
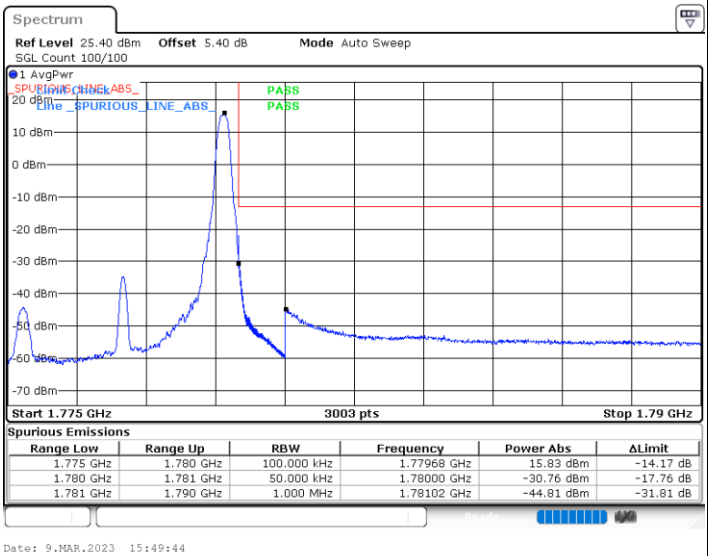
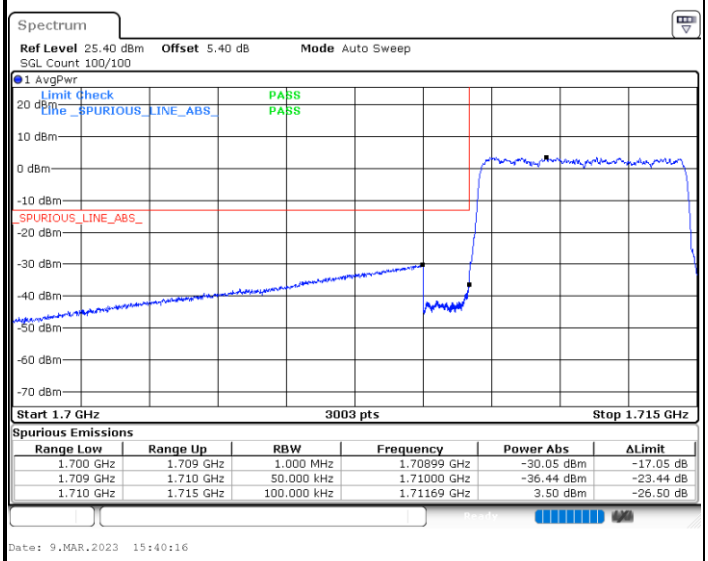
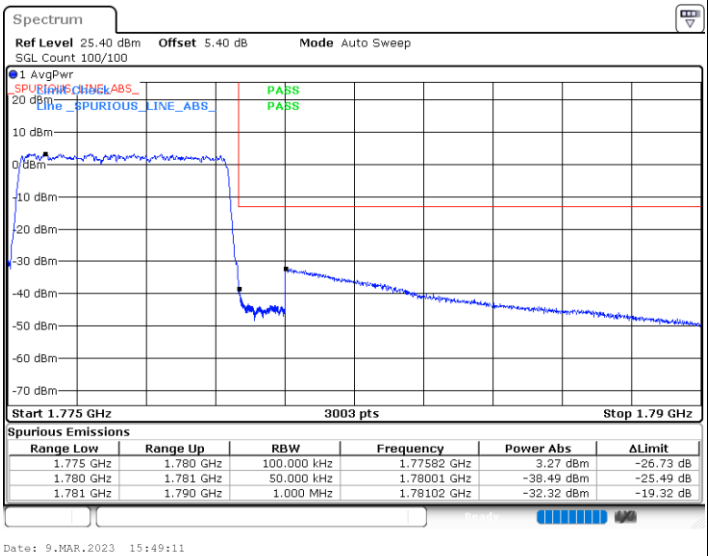
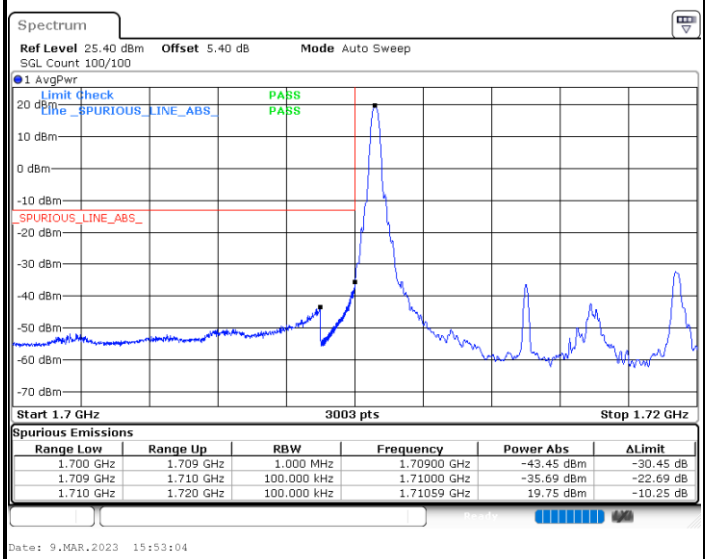
LTE Band 66 / 5MHz / 256QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

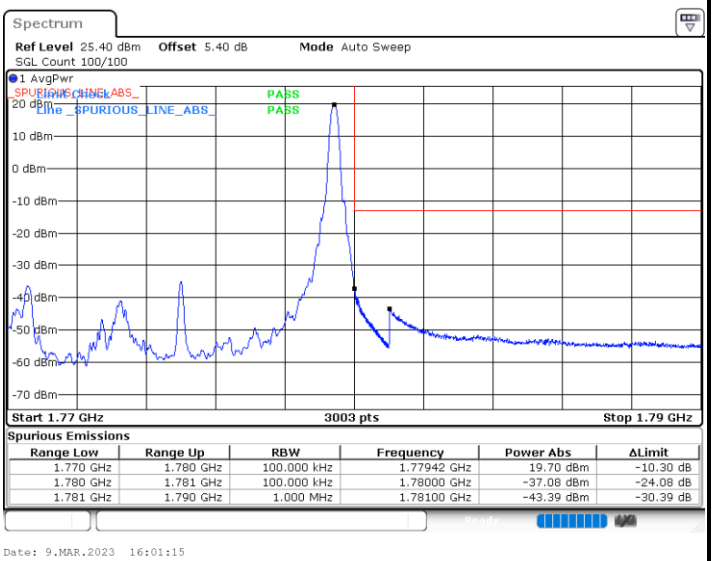
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



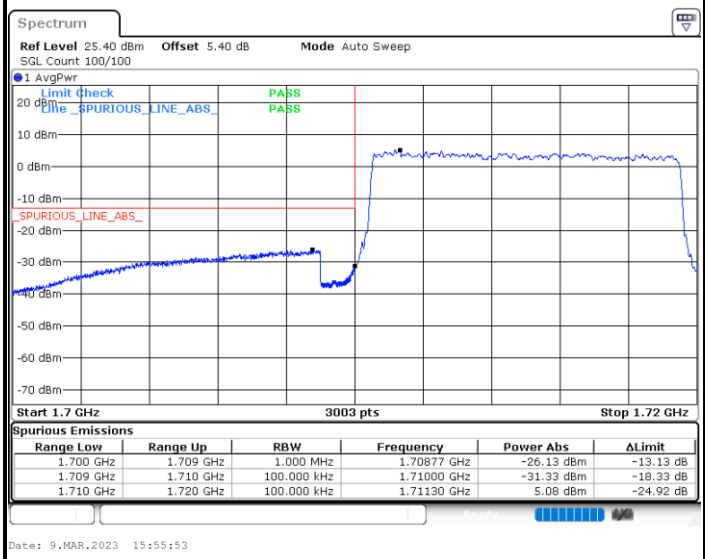
Date: 9.MAR.2023 15:53:04

Highest Band Edge / 1 RB



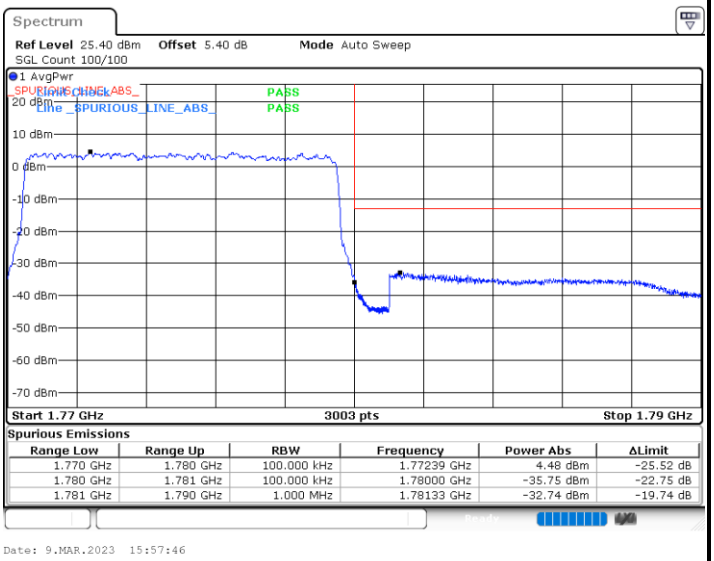
Date: 9.MAR.2023 16:01:15

Lowest Band Edge / Full RB

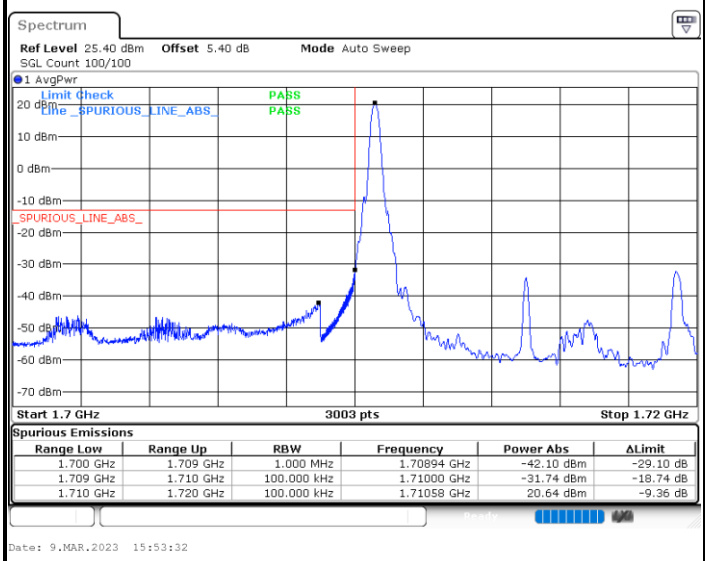
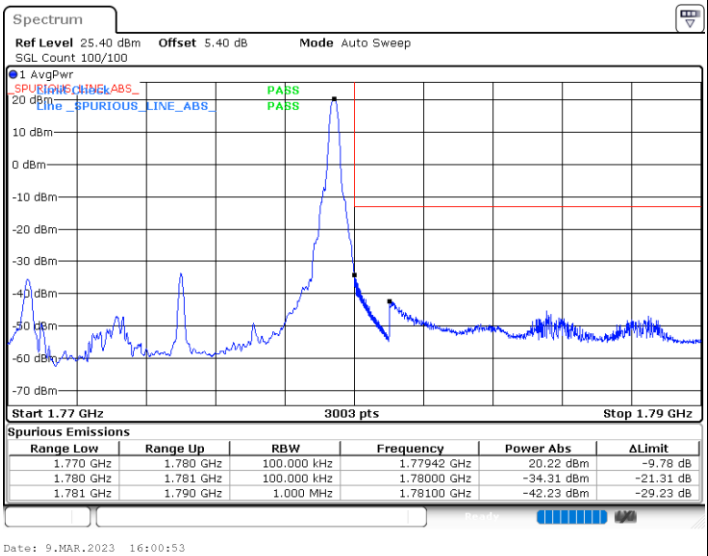
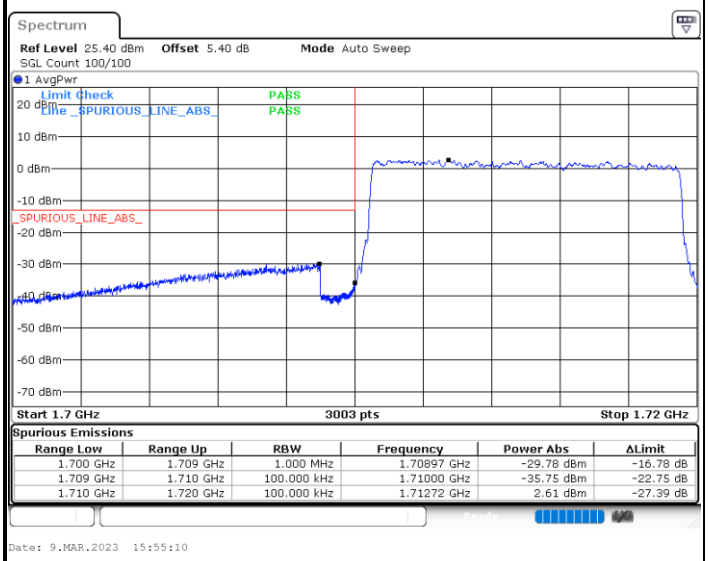
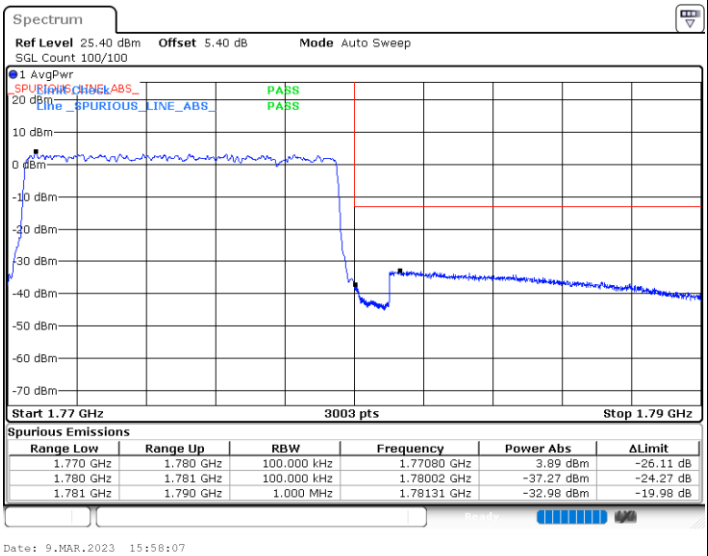


Date: 9.MAR.2023 15:55:53

Highest Band Edge / Full RB

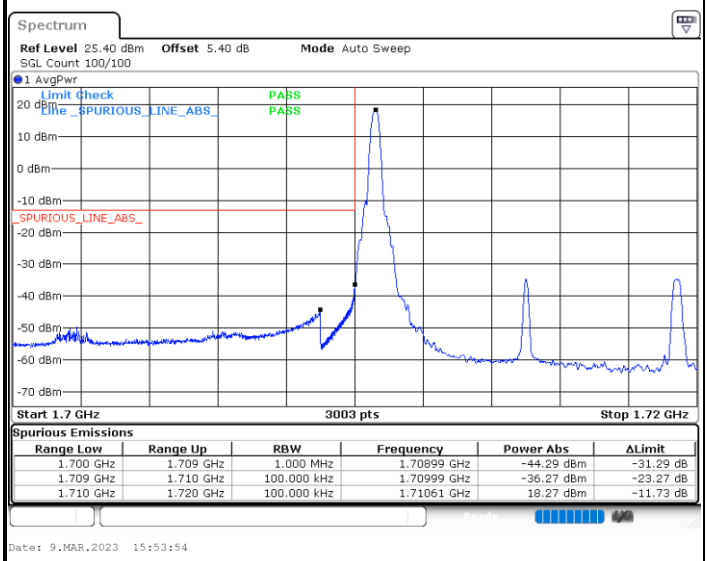


Date: 9.MAR.2023 15:57:46

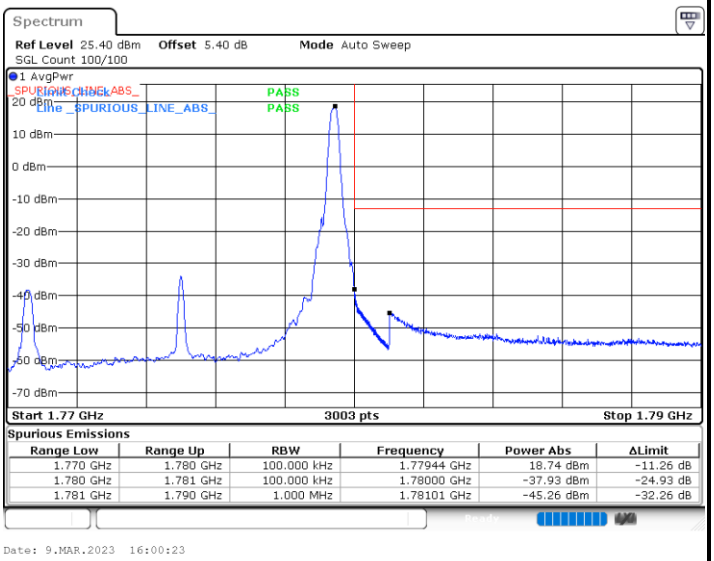
LTE Band 66 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 66 / 10MHz / 64QAM

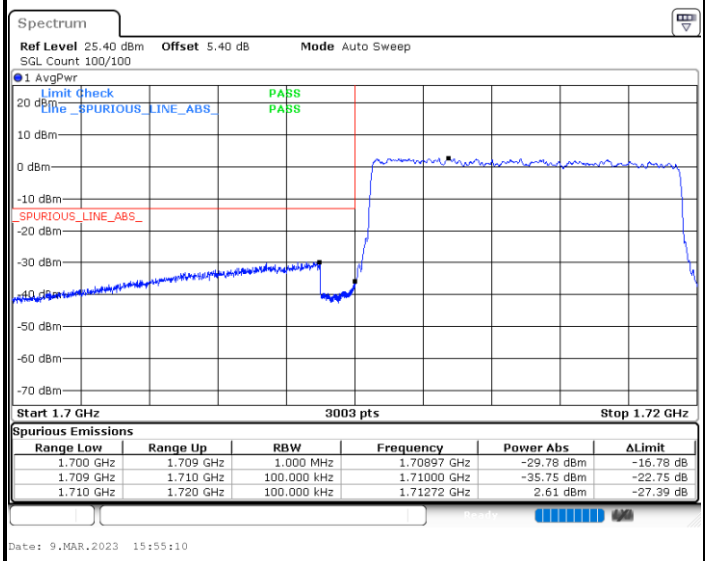
Lowest Band Edge / 1 RB



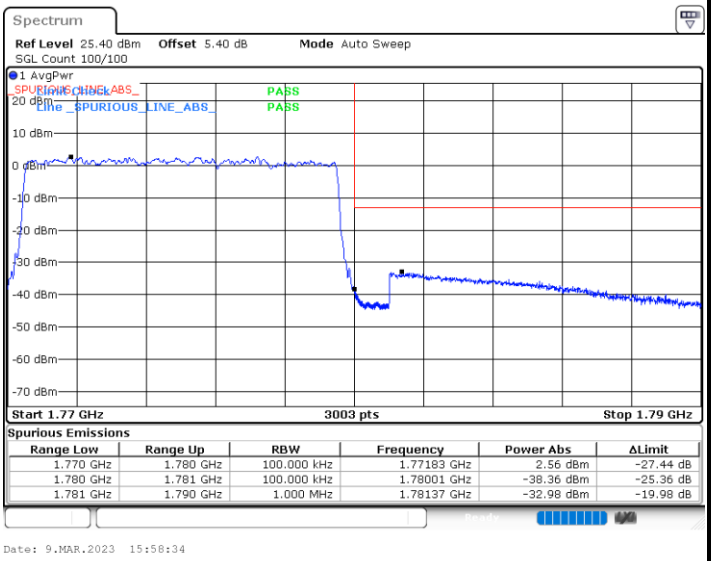
Highest Band Edge / 1 RB

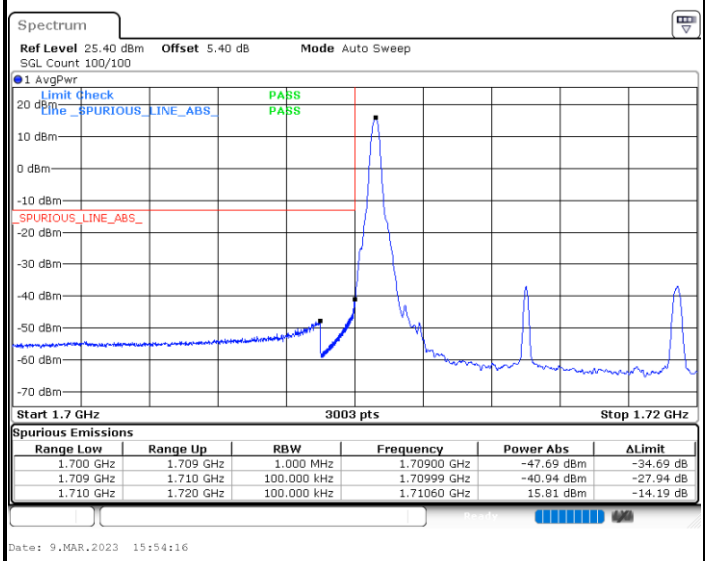
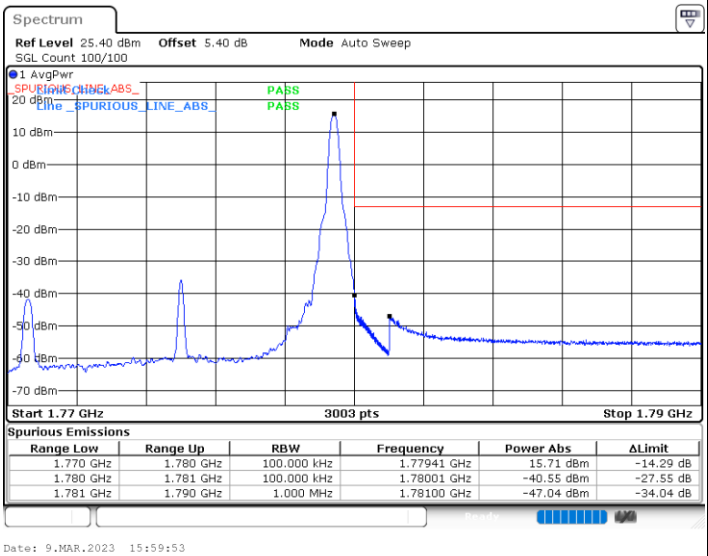
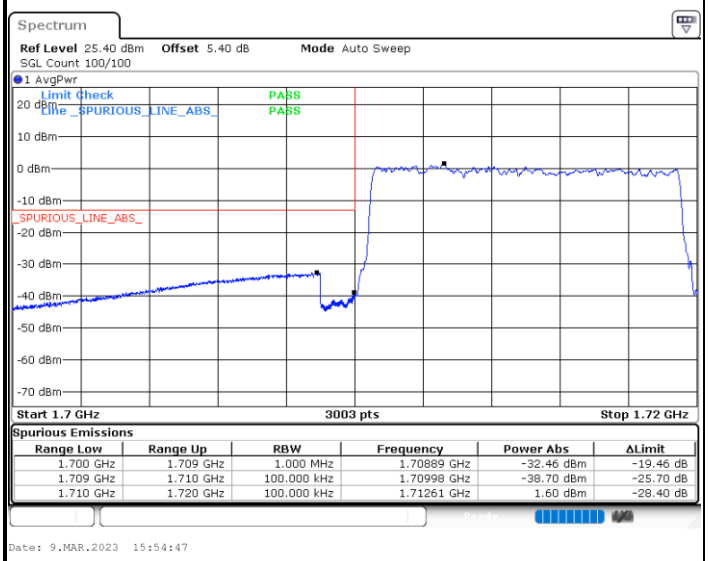
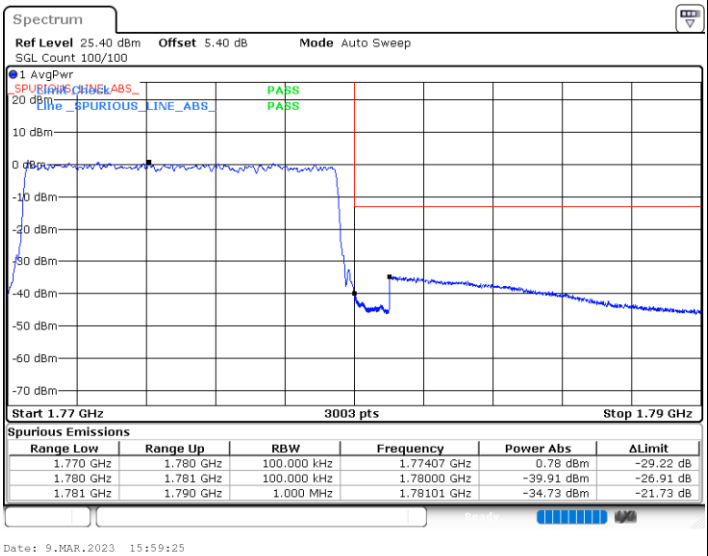


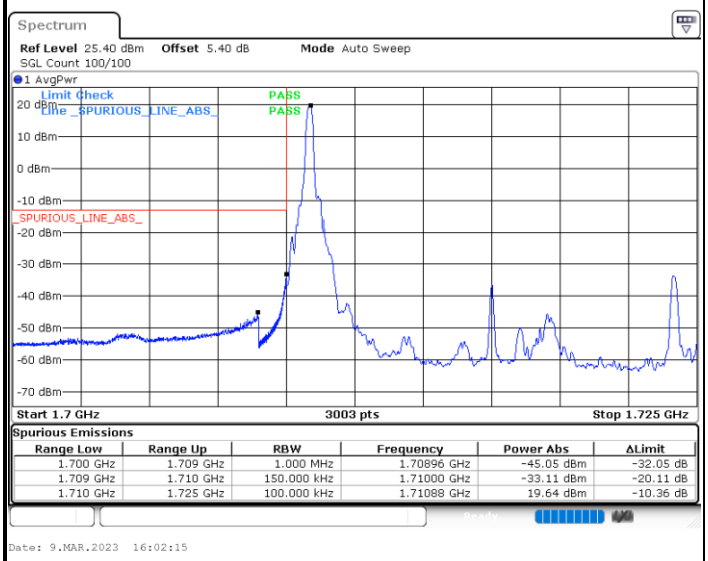
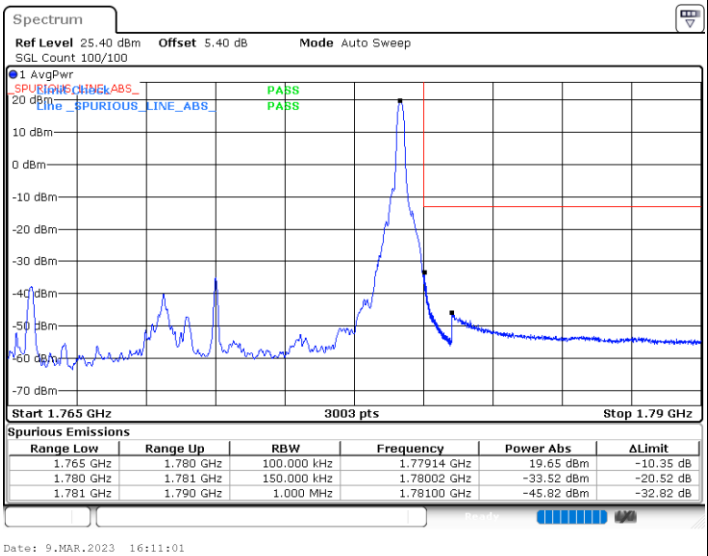
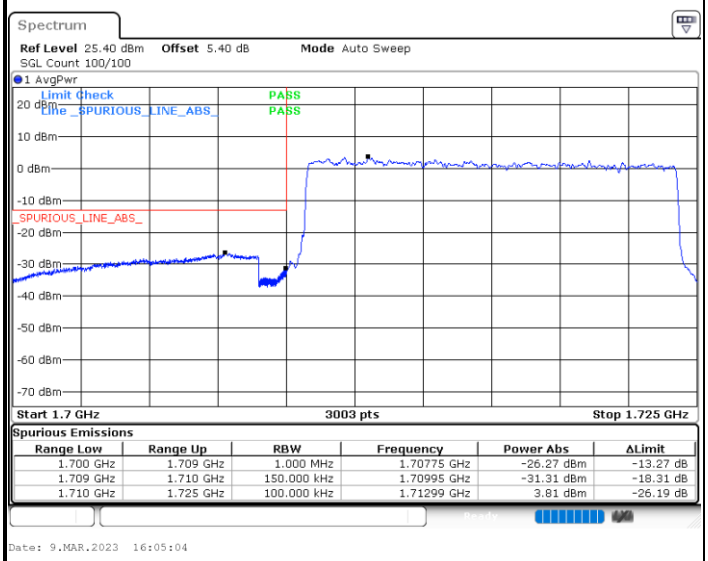
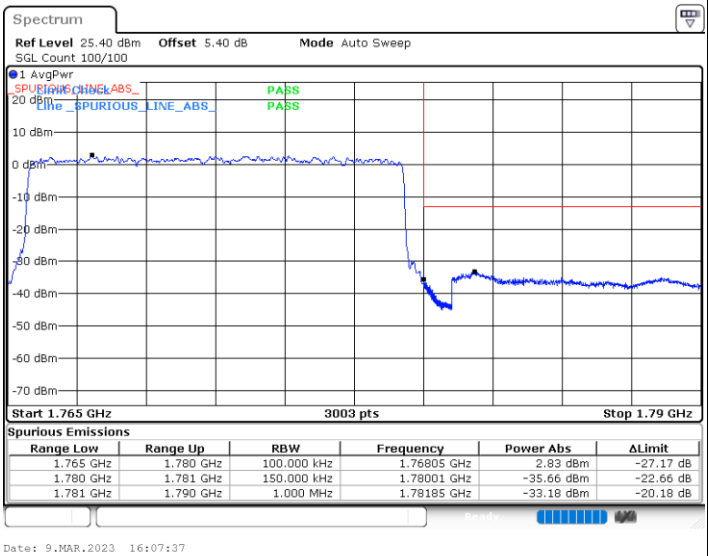
Lowest Band Edge / Full RB



Highest Band Edge / Full RB

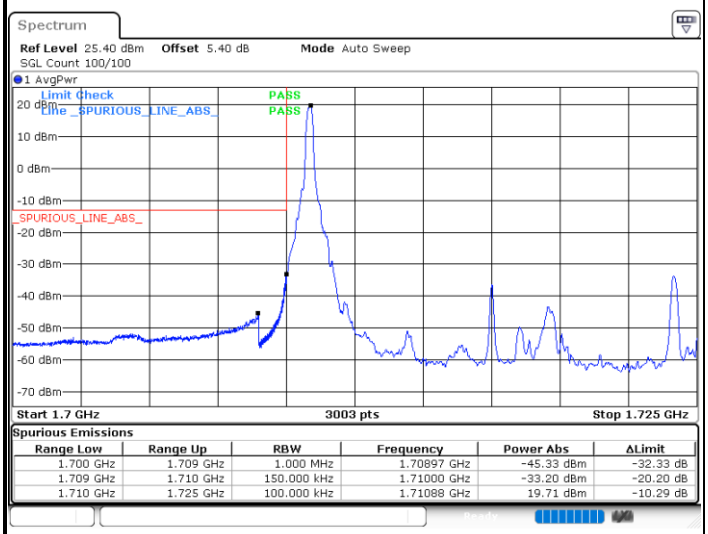


LTE Band 66 / 10MHz / 256QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

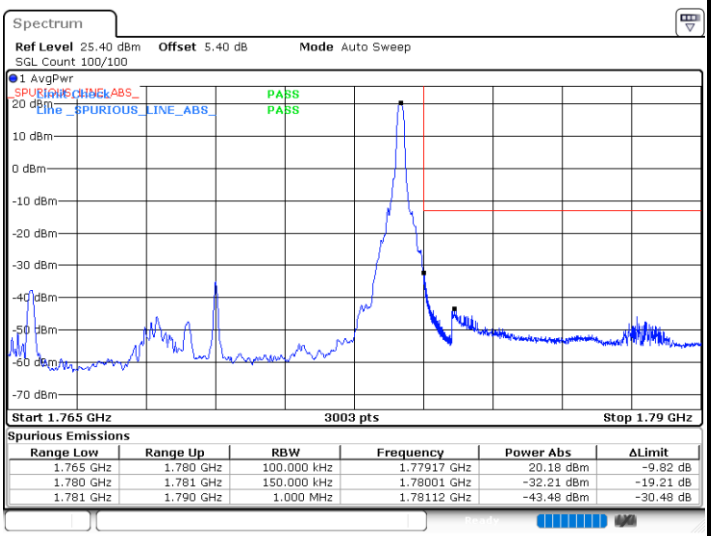
LTE Band 66 / 15MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 66 / 15MHz / 16QAM

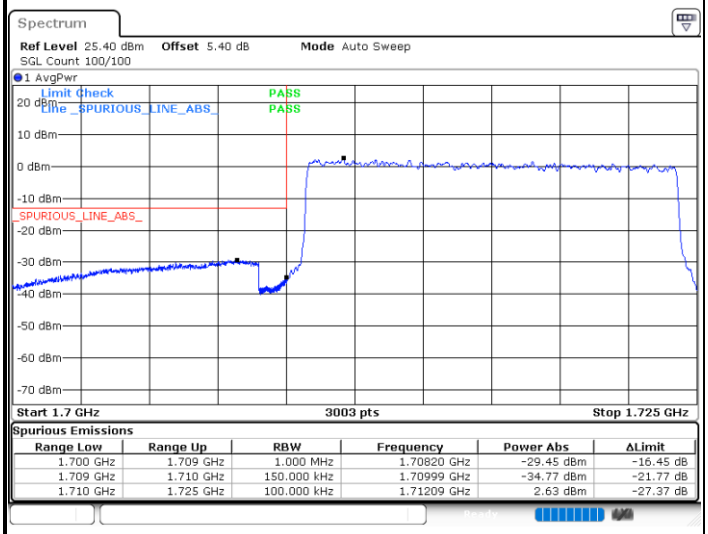
Lowest Band Edge / 1 RB



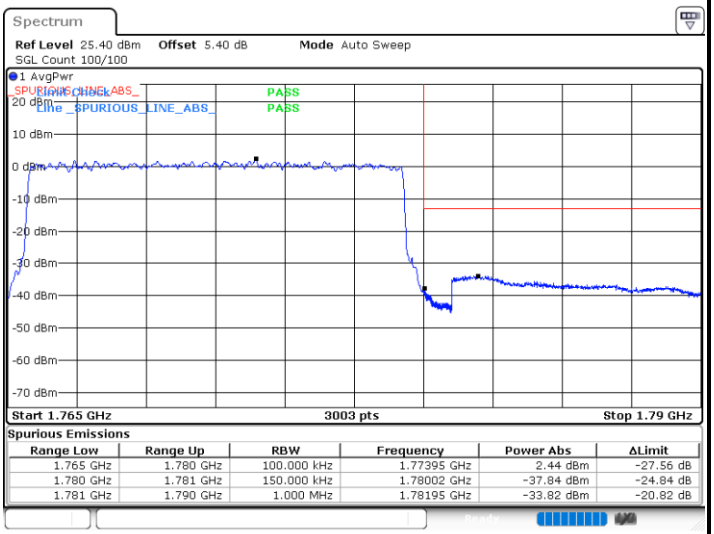
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

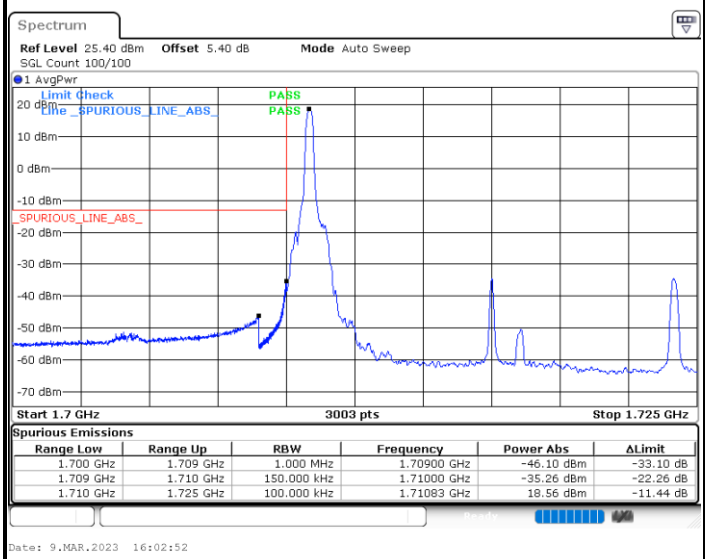


Highest Band Edge / Full RB



LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



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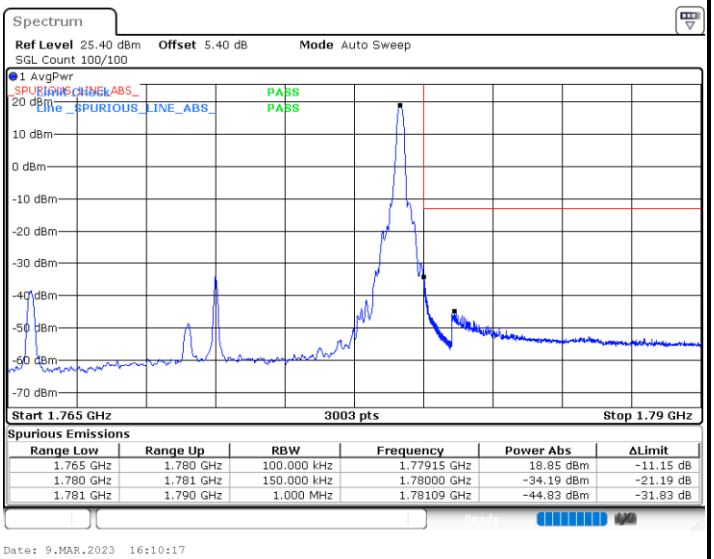
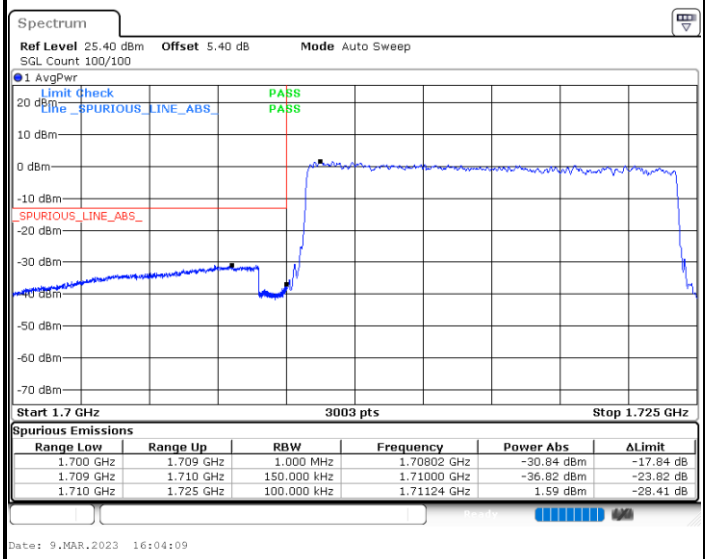
Highest Band Edge / 1 RB



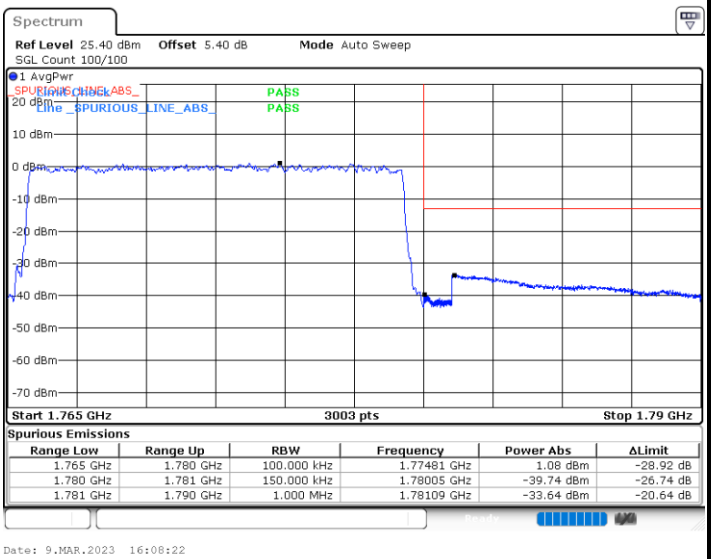
Date: 9.MAR.2023 16:10:17

Lowest Band Edge / Full RB



Date: 9.MAR.2023 16:04:09

Highest Band Edge / Full RB



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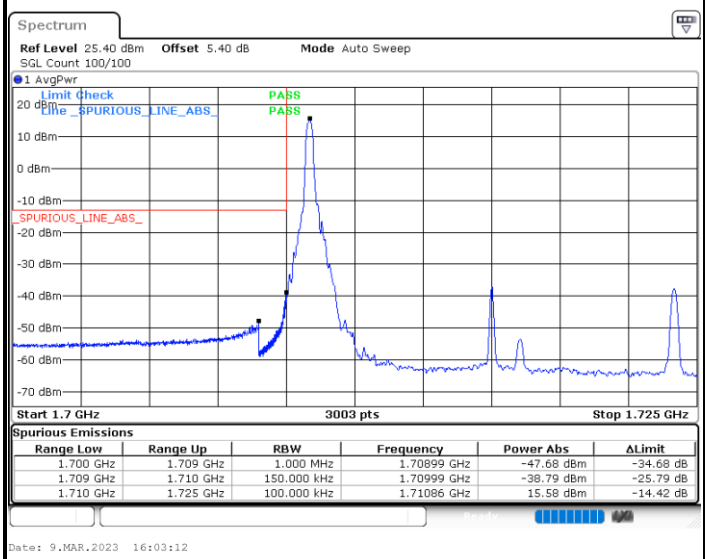
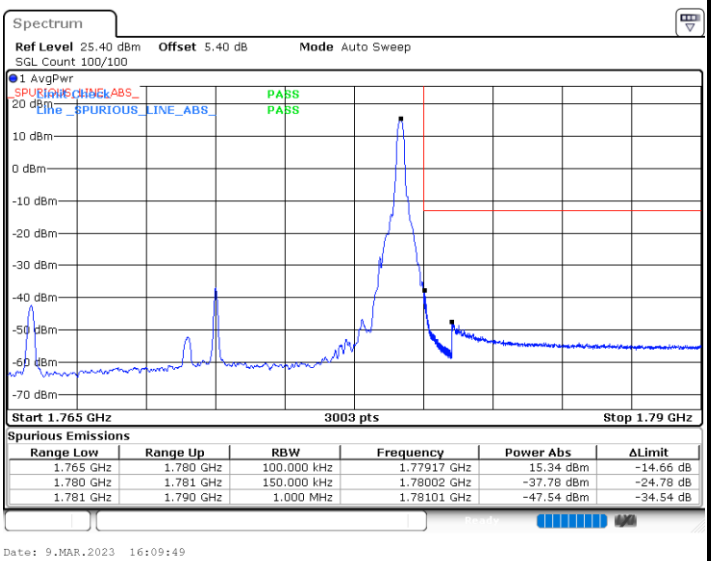
LTE Band 66 / 15MHz / 256QAM

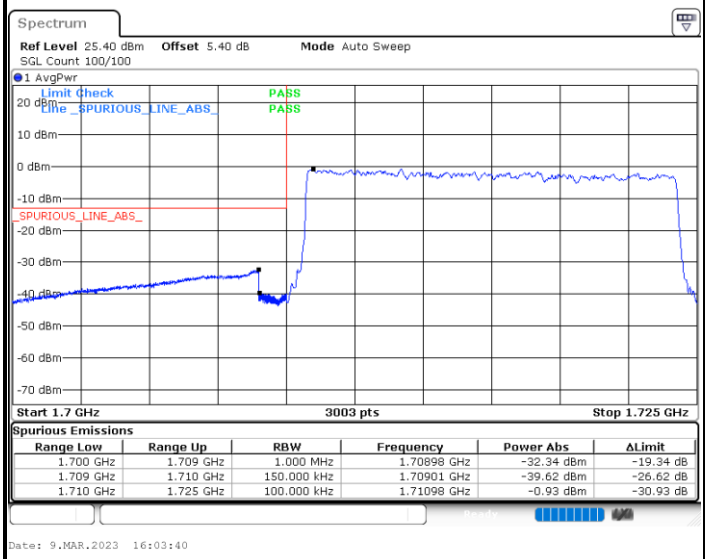
Lowest Band Edge / 1 RB



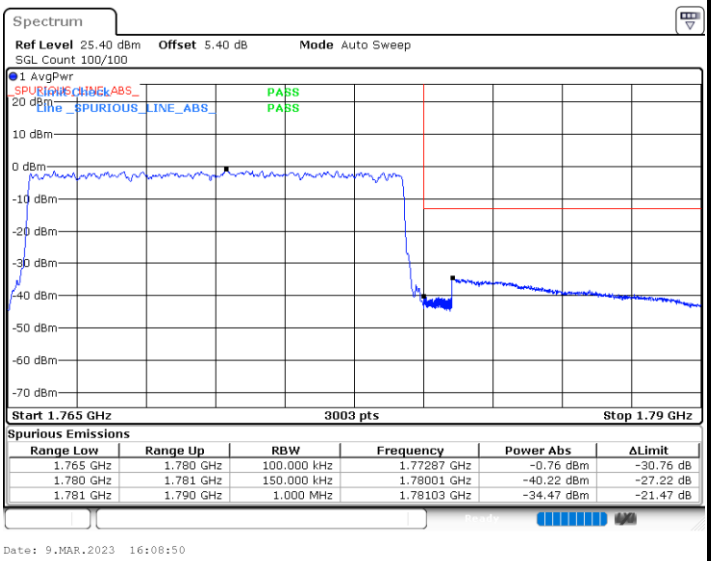
Highest Band Edge / 1 RB

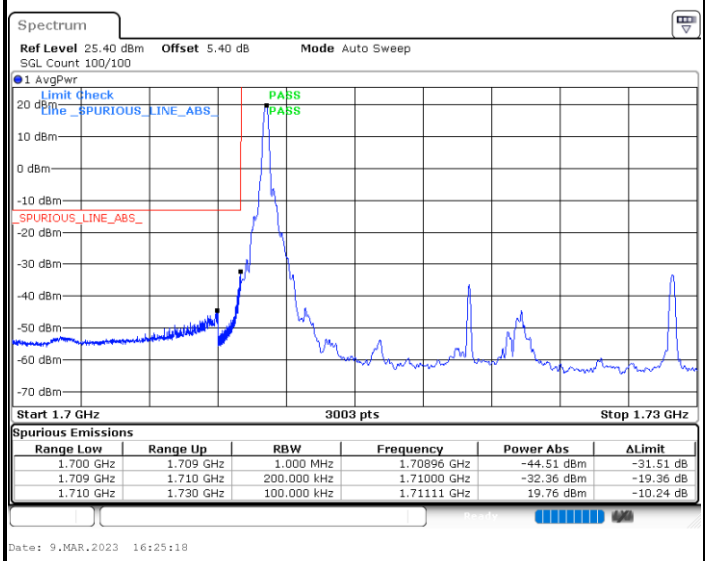
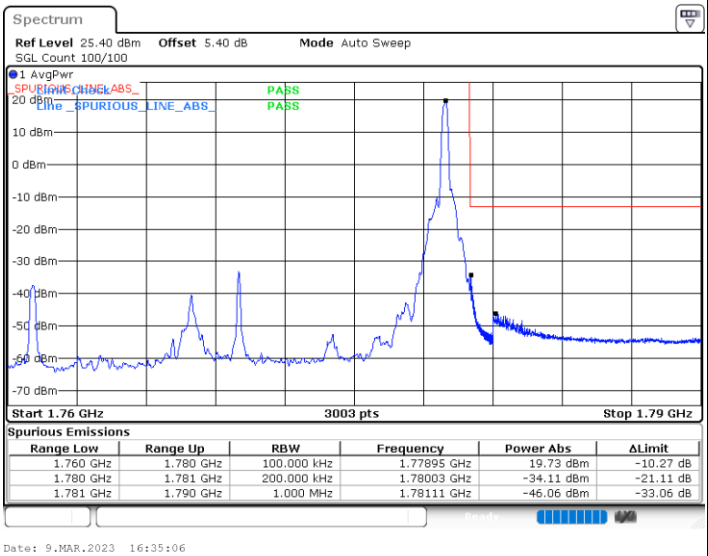
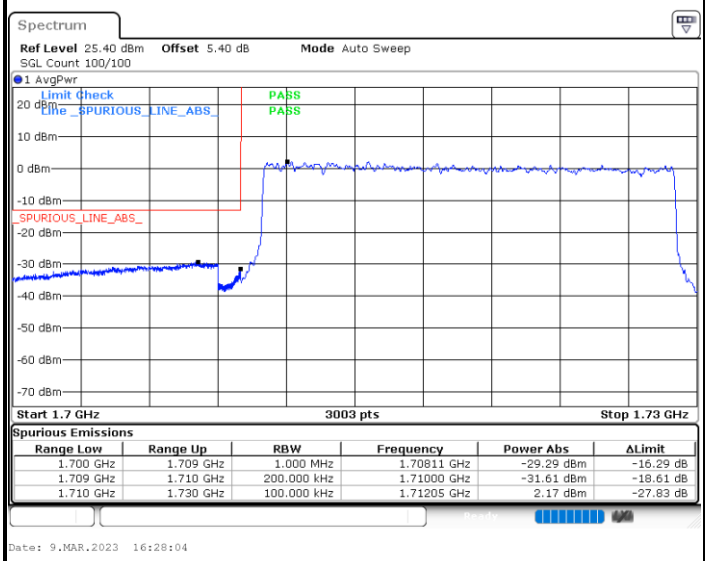
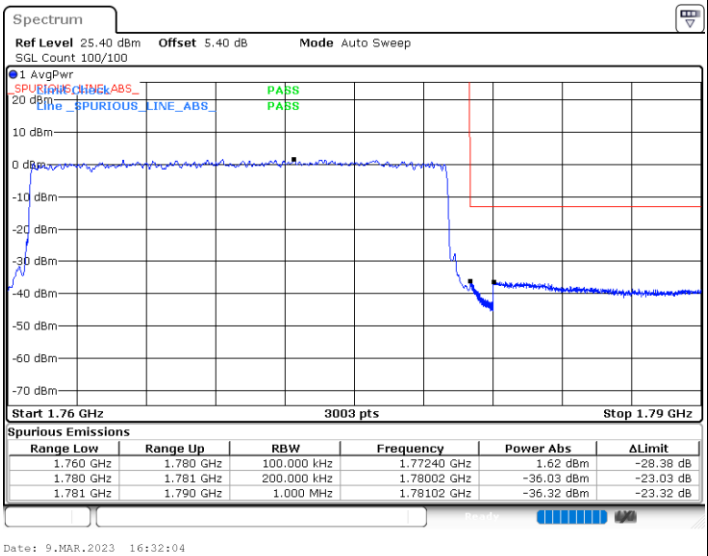


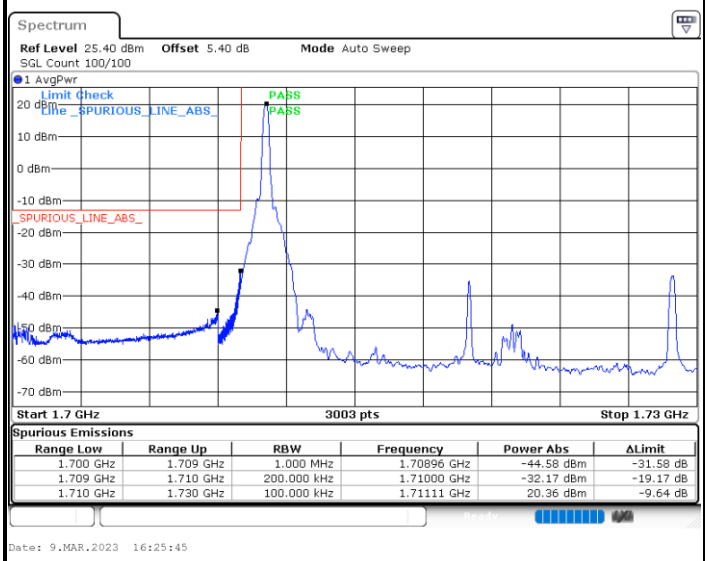
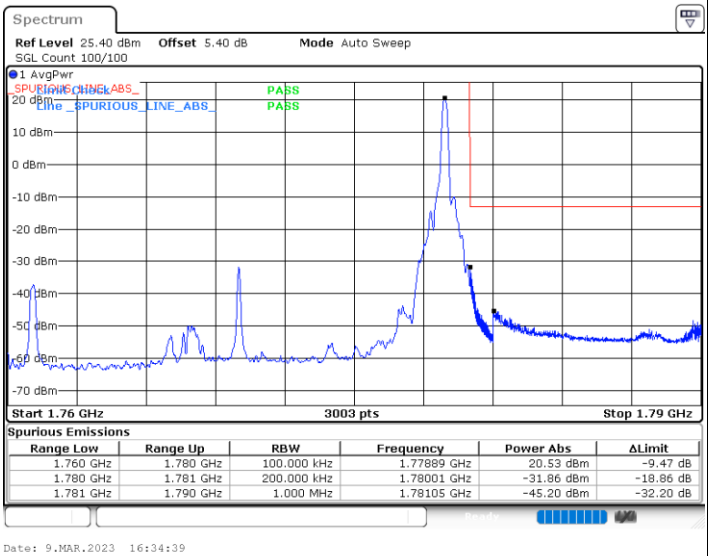
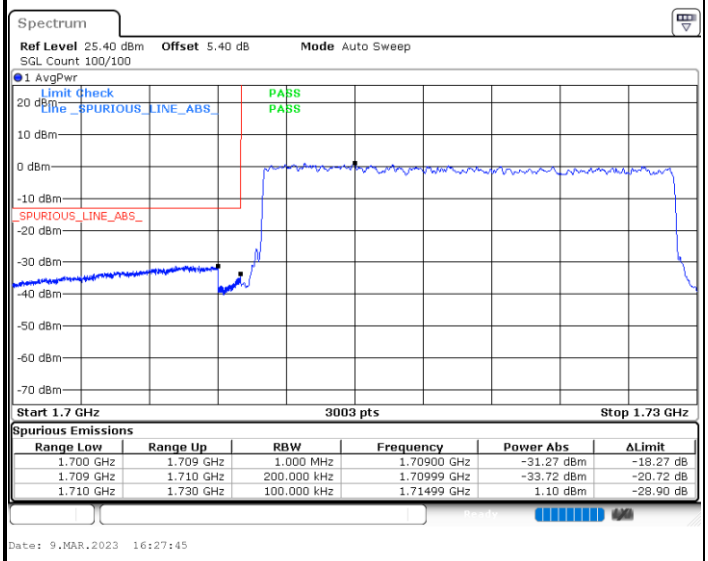
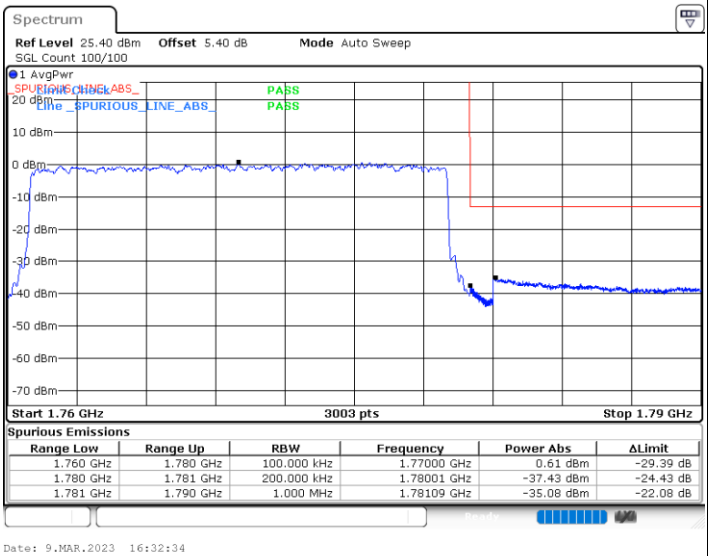
Lowest Band Edge / Full RB

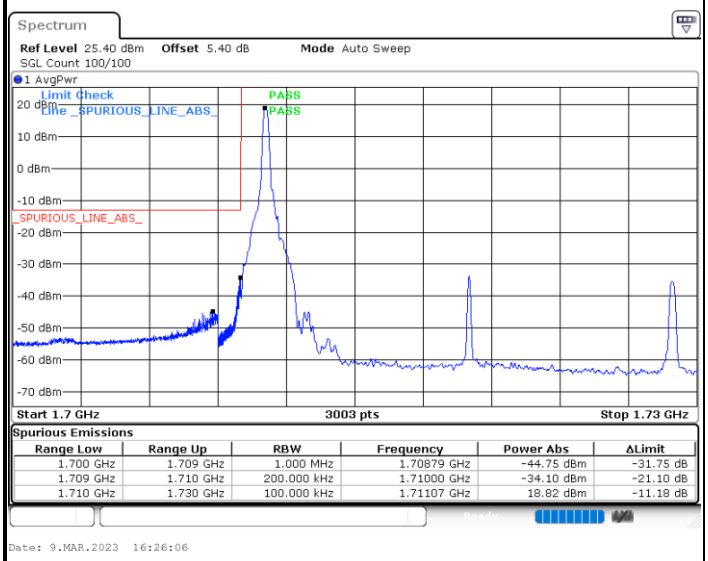
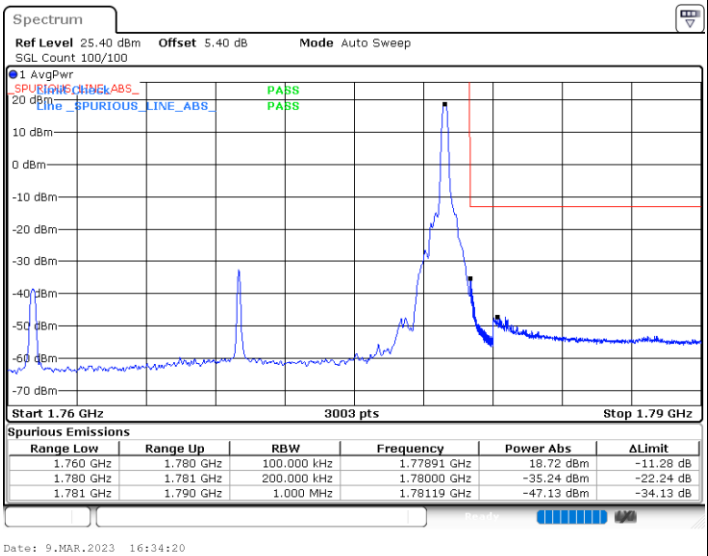
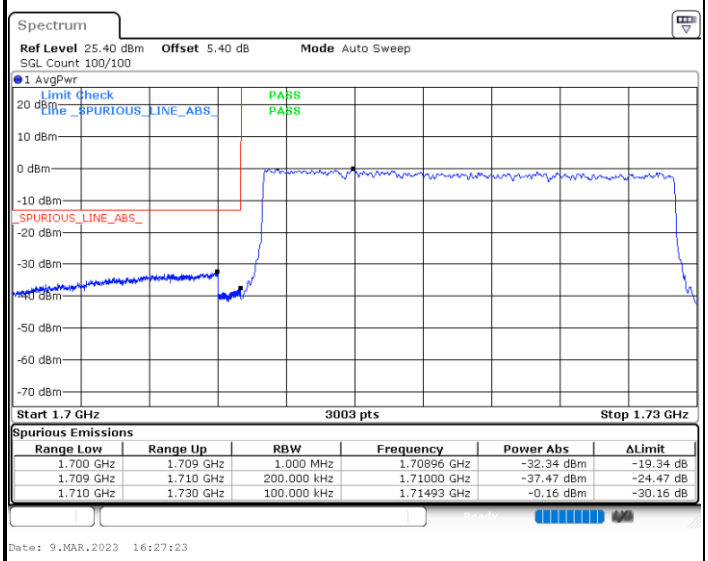
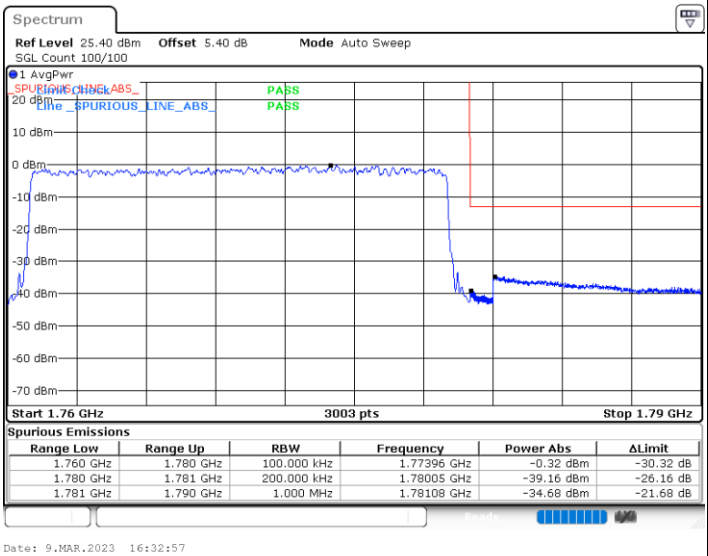


Highest Band Edge / Full RB



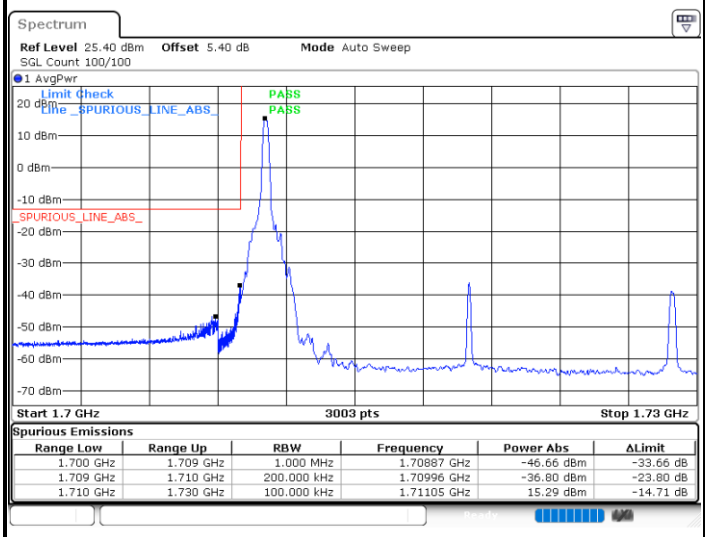
LTE Band 66 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 66 / 20MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 66 / 20MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-46.66 dBm	-33.66 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70996 GHz	-36.80 dBm	-23.80 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71105 GHz	15.29 dBm	-14.71 dB

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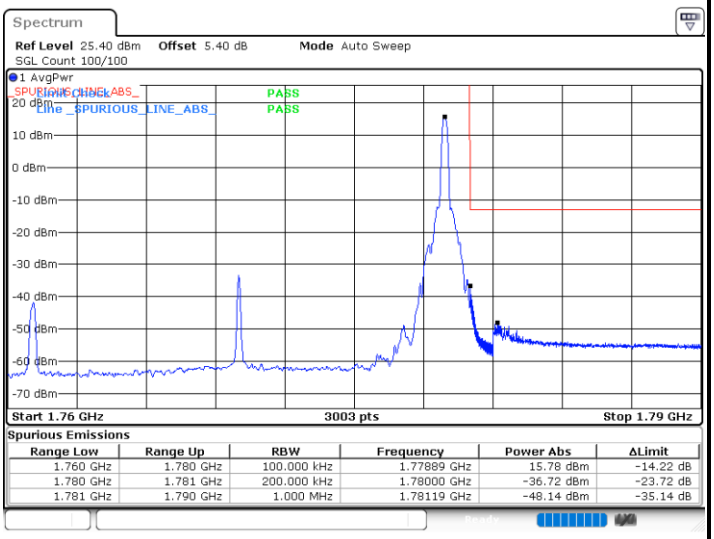
Highest Band Edge / 1 RB

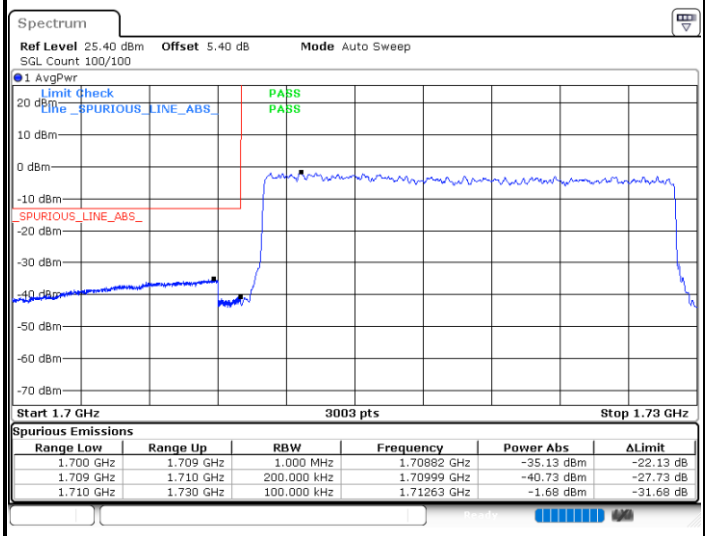


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77889 GHz	15.78 dBm	-14.22 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-36.72 dBm	-23.72 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78119 GHz	-48.14 dBm	-35.14 dB

Date: 9.MAR.2023 16:34:00

Lowest Band Edge / Full RB

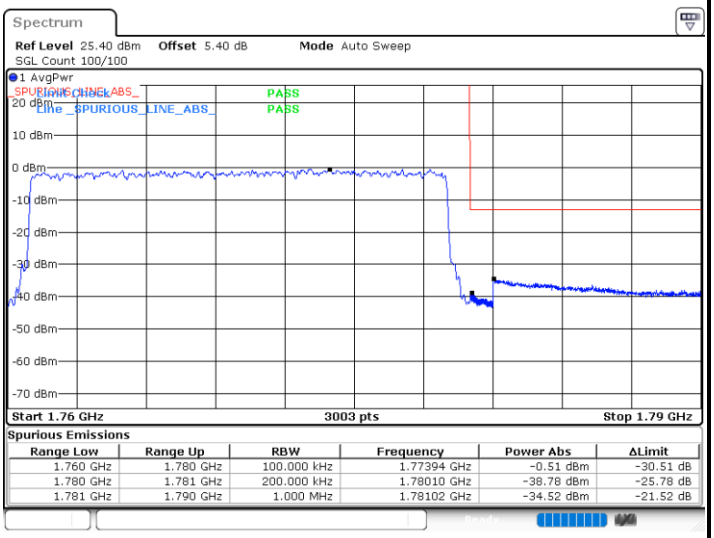


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-35.13 dBm	-22.13 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-40.73 dBm	-27.73 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71263 GHz	-1.68 dBm	-31.68 dB

Date: 9.MAR.2023 16:27:00

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77394 GHz	-0.51 dBm	-30.51 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78010 GHz	-38.78 dBm	-25.78 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78102 GHz	-34.52 dBm	-21.52 dB

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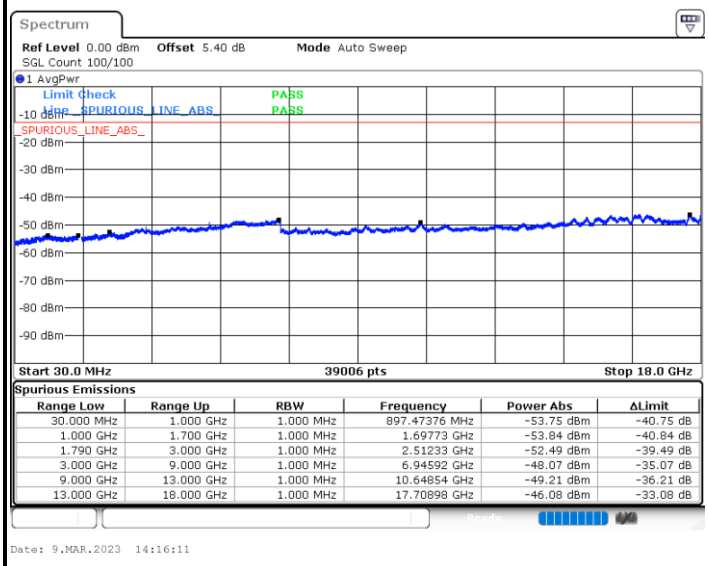
Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

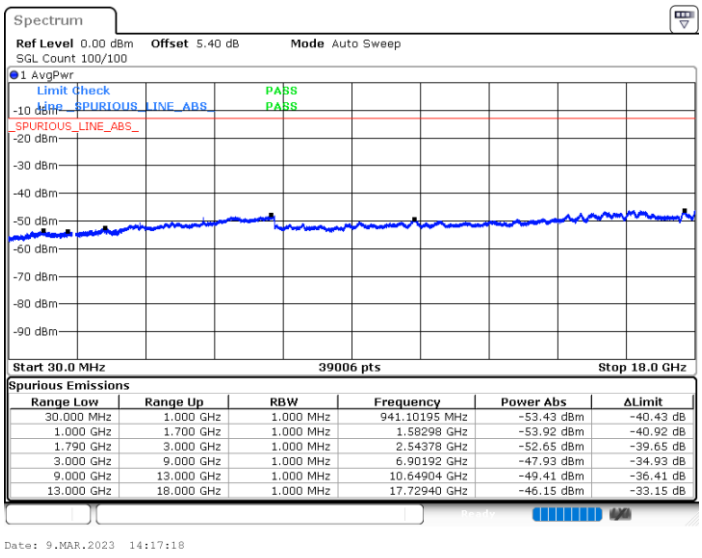


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-53.84 dBm	-40.84 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.51233 GHz	-52.49 dBm	-39.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94592 GHz	-48.07 dBm	-35.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.64854 GHz	-49.21 dBm	-36.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.70898 GHz	-46.08 dBm	-33.08 dB

Date: 9.MAR.2023 14:16:11

Middle Channel / QPSK

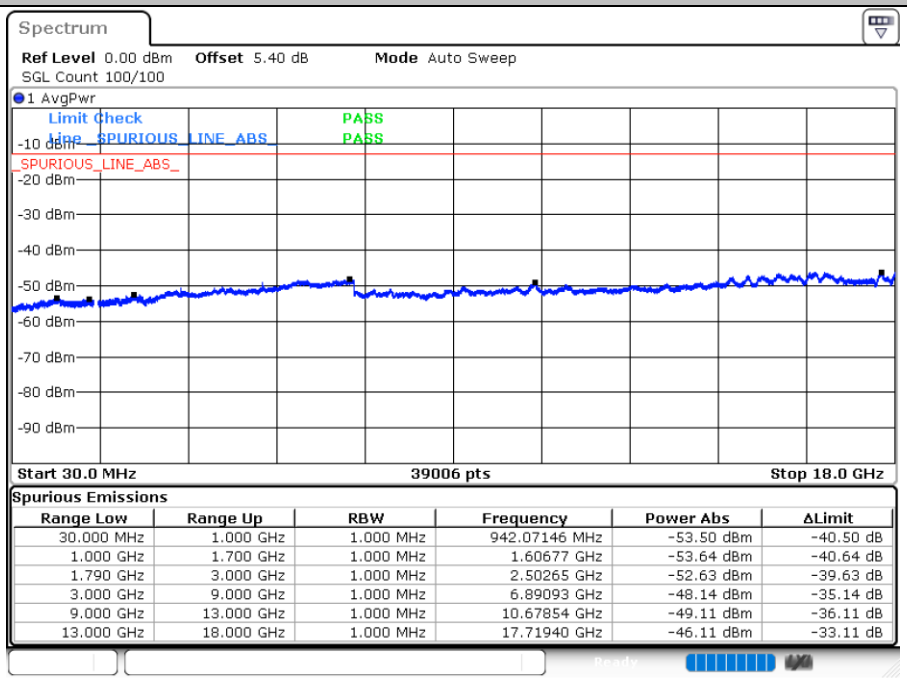


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-53.43 dBm	-40.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58298 GHz	-53.92 dBm	-40.92 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.54378 GHz	-52.65 dBm	-39.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90192 GHz	-47.93 dBm	-34.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.64904 GHz	-49.41 dBm	-36.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.72940 GHz	-46.15 dBm	-33.15 dB

Date: 9.MAR.2023 14:17:18

Highest Channel / QPSK



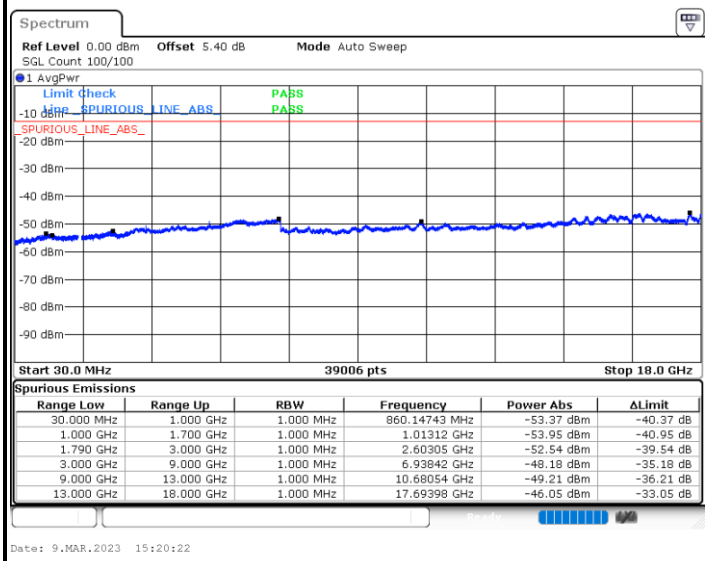
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-53.50 dBm	-40.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60677 GHz	-53.64 dBm	-40.64 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.50265 GHz	-52.63 dBm	-39.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89093 GHz	-48.14 dBm	-35.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67854 GHz	-49.11 dBm	-36.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.71940 GHz	-46.11 dBm	-33.11 dB

Date: 9.MAR.2023 14:18:21

LTE Band 66 / 3MHz

Lowest Channel / QPSK

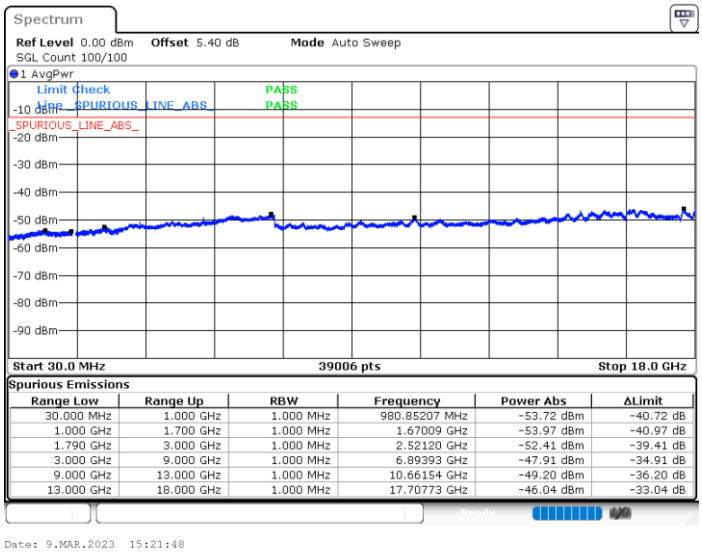


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.14743 MHz	-53.37 dBm	-40.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.01312 GHz	-53.95 dBm	-40.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.60305 GHz	-52.54 dBm	-39.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93842 GHz	-48.18 dBm	-35.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.68054 GHz	-49.21 dBm	-36.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.69398 GHz	-46.05 dBm	-33.05 dB

Date: 9.MAR.2023 15:20:22

Middle Channel / QPSK

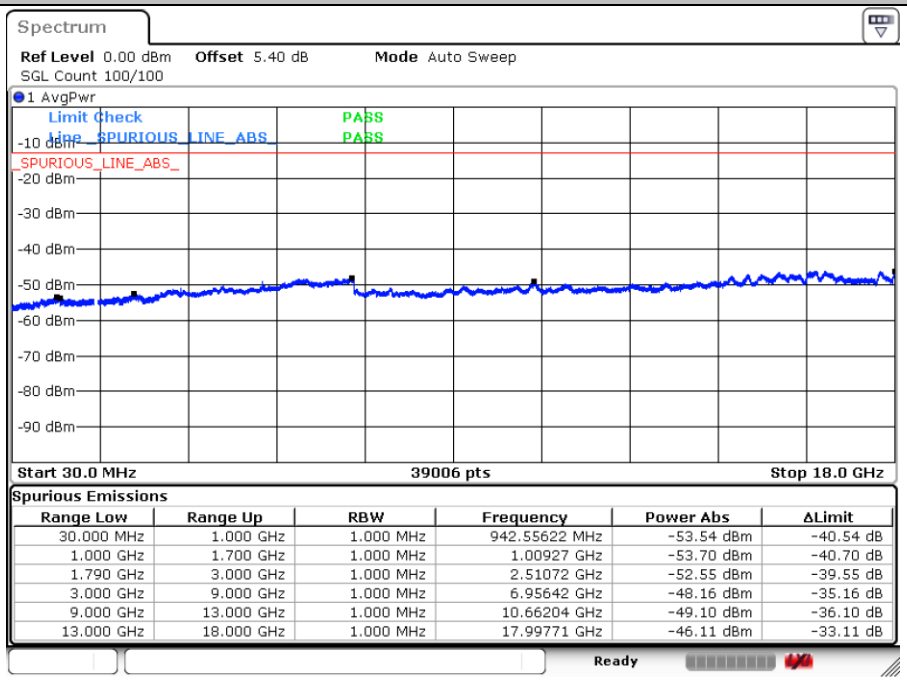


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-53.72 dBm	-40.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67009 GHz	-53.97 dBm	-40.97 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.52120 GHz	-52.41 dBm	-39.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89393 GHz	-47.91 dBm	-34.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66154 GHz	-49.20 dBm	-36.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.70773 GHz	-46.04 dBm	-33.04 dB

Date: 9.MAR.2023 15:21:48

Highest Channel / QPSK



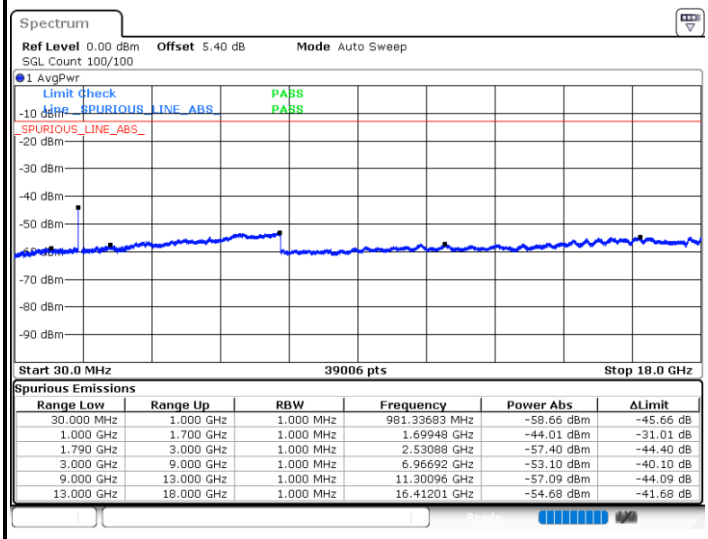
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-53.54 dBm	-40.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.00927 GHz	-53.70 dBm	-40.70 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.51072 GHz	-52.55 dBm	-39.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95642 GHz	-48.16 dBm	-35.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66204 GHz	-49.10 dBm	-36.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99771 GHz	-46.11 dBm	-33.11 dB

Date: 9.MAR.2023 15:23:41

LTE Band 66 / 5MHz

Lowest Channel / QPSK

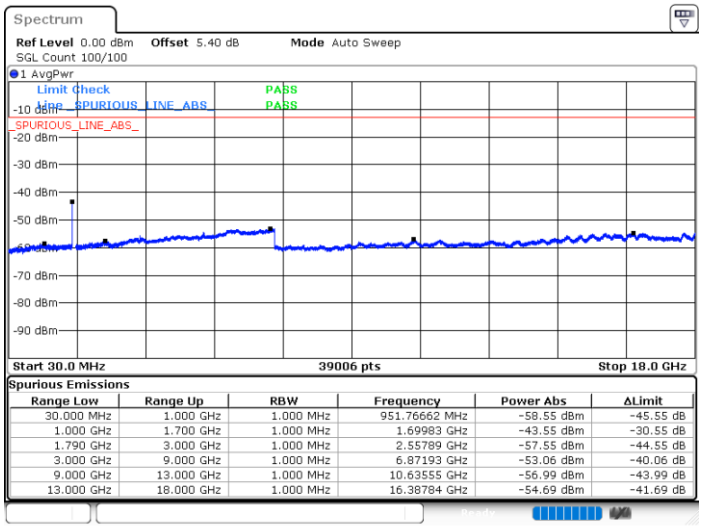


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-58.66 dBm	-45.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.01 dBm	-31.01 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53088 GHz	-57.40 dBm	-44.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96692 GHz	-53.10 dBm	-40.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.30096 GHz	-57.09 dBm	-44.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41201 GHz	-54.68 dBm	-41.68 dB

Date: 9.MAR.2023 15:43:26

Middle Channel / QPSK

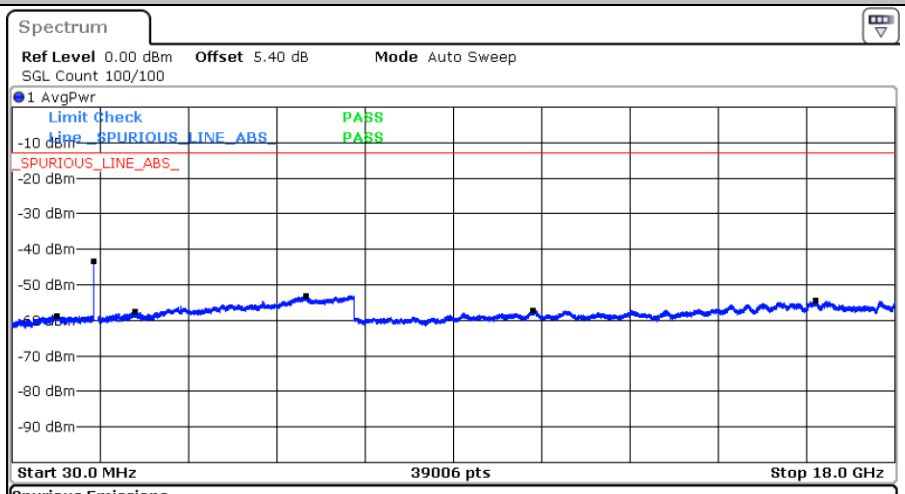


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.76662 MHz	-58.55 dBm	-45.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-43.55 dBm	-30.55 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.55789 GHz	-57.55 dBm	-44.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87193 GHz	-53.06 dBm	-40.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.63555 GHz	-56.99 dBm	-43.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38784 GHz	-54.69 dBm	-41.69 dB

Date: 9.MAR.2023 15:44:29

Highest Channel / QPSK



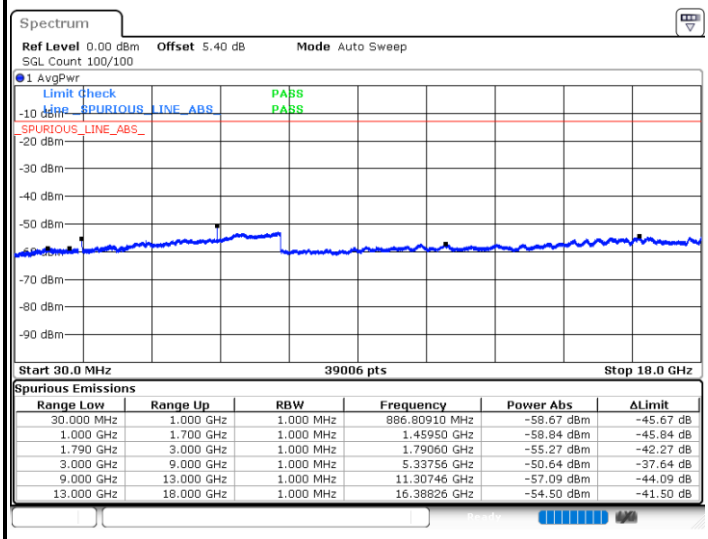
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-58.72 dBm	-45.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-43.26 dBm	-30.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.53854 GHz	-57.52 dBm	-44.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.00150 GHz	-53.05 dBm	-40.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.63705 GHz	-57.19 dBm	-44.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38701 GHz	-54.54 dBm	-41.54 dB

Date: 9.MAR.2023 15:45:31

LTE Band 66 / 10MHz

Lowest Channel / QPSK

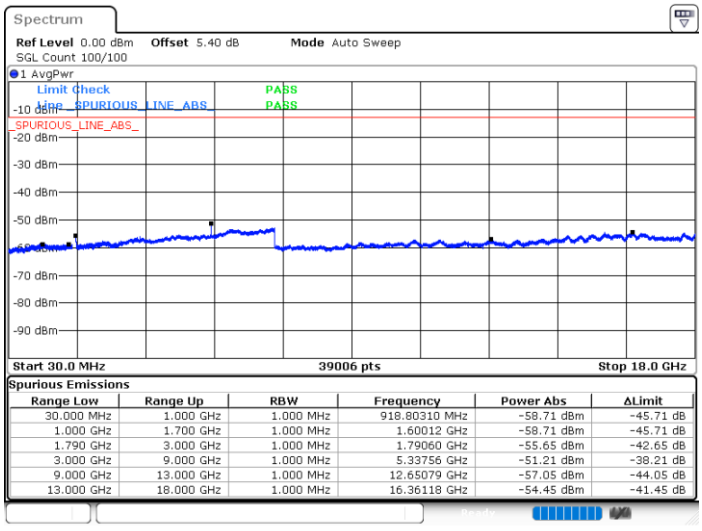


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-58.67 dBm	-45.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45950 GHz	-58.84 dBm	-45.84 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-55.27 dBm	-42.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.64 dBm	-37.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.30746 GHz	-57.09 dBm	-44.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38826 GHz	-54.50 dBm	-41.50 dB

Date: 9.MAR.2023 16:13:33

Middle Channel / QPSK

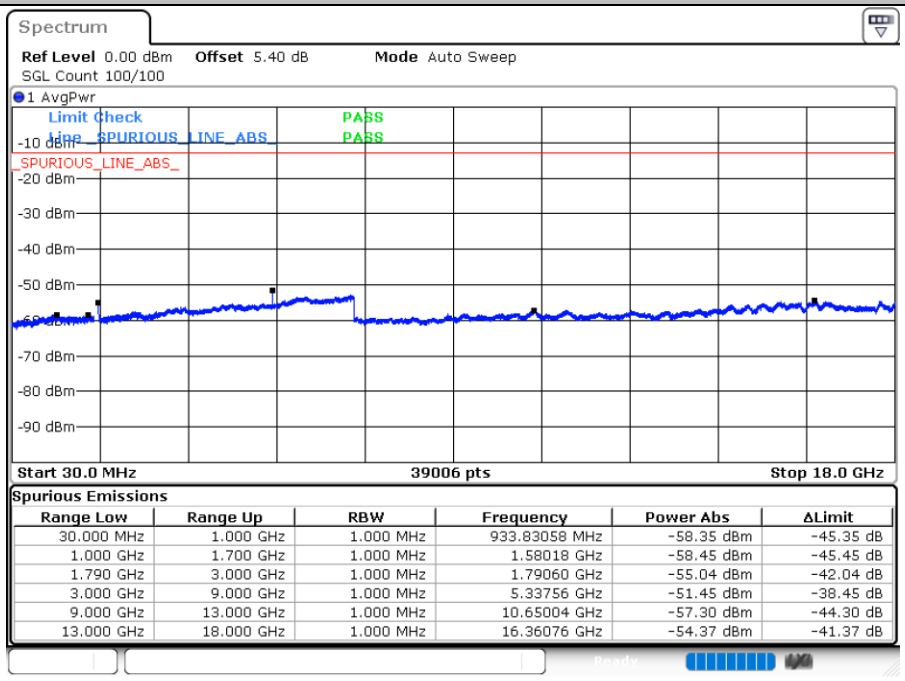


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60012 GHz	-58.71 dBm	-45.71 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-55.65 dBm	-42.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-51.21 dBm	-38.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65079 GHz	-57.05 dBm	-44.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36118 GHz	-54.45 dBm	-41.45 dB

Date: 9.MAR.2023 16:15:32

Highest Channel / QPSK



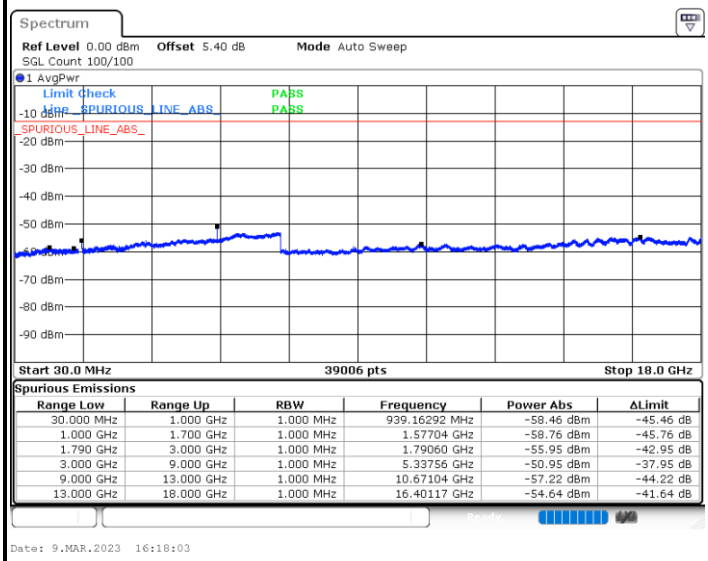
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-58.35 dBm	-45.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58018 GHz	-58.45 dBm	-45.45 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-55.04 dBm	-42.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-51.45 dBm	-38.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65004 GHz	-57.30 dBm	-44.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36076 GHz	-54.37 dBm	-41.37 dB

Date: 9.MAR.2023 16:16:50

LTE Band 66 / 15MHz

Lowest Channel / QPSK

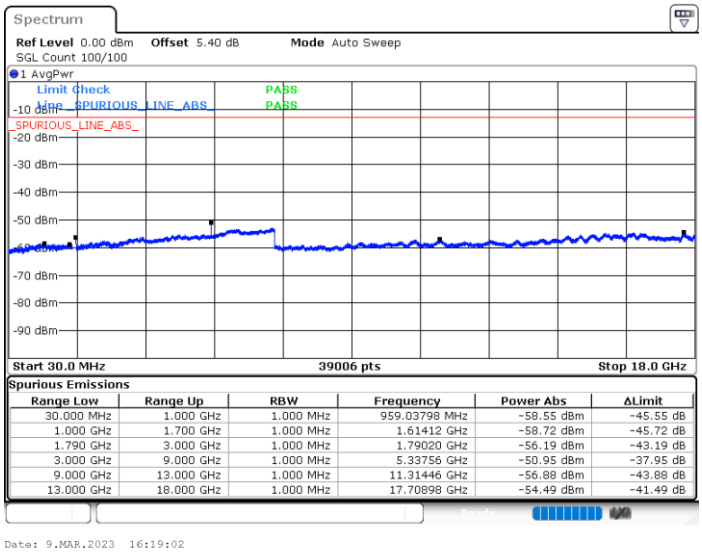


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-58.46 dBm	-45.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57704 GHz	-58.76 dBm	-45.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-55.95 dBm	-42.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.95 dBm	-37.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67104 GHz	-57.22 dBm	-44.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40117 GHz	-54.64 dBm	-41.64 dB

Date: 9.MAR.2023 16:18:03

Middle Channel / QPSK

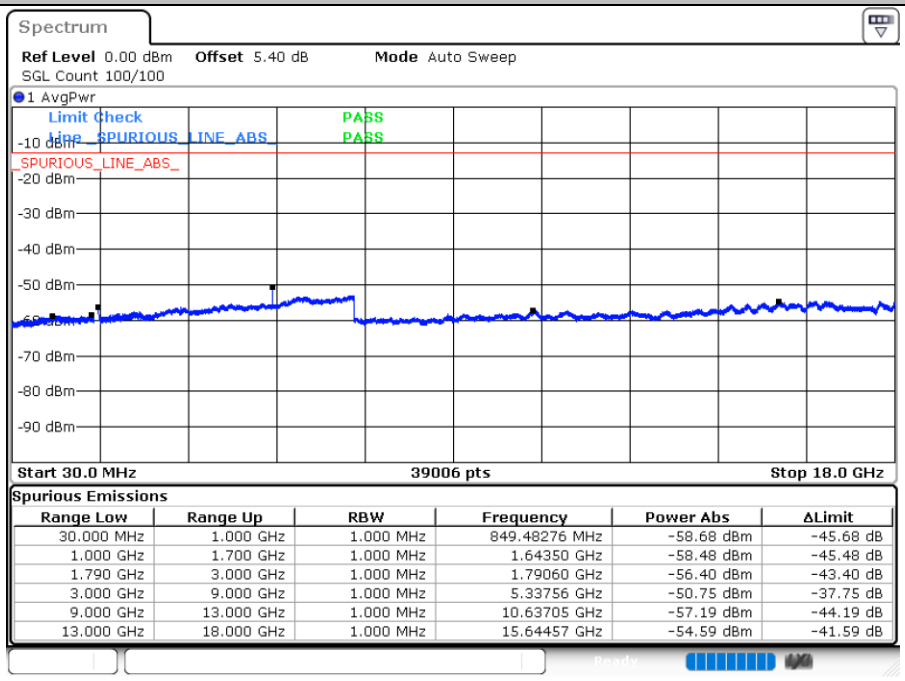


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-58.55 dBm	-45.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61412 GHz	-58.72 dBm	-45.72 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-56.19 dBm	-43.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.95 dBm	-37.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.31446 GHz	-56.88 dBm	-43.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.70898 GHz	-54.49 dBm	-41.49 dB

Date: 9.MAR.2023 16:19:02

Highest Channel / QPSK



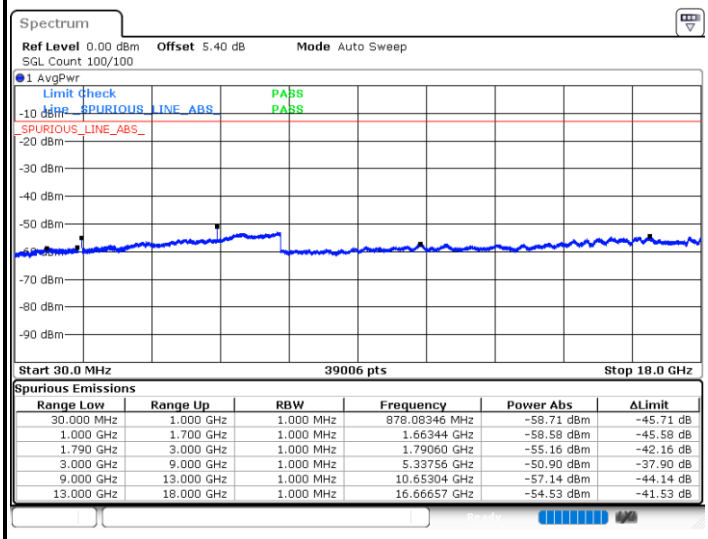
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.48276 MHz	-58.68 dBm	-45.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64350 GHz	-58.48 dBm	-45.48 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-56.40 dBm	-43.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.75 dBm	-37.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.63705 GHz	-57.19 dBm	-44.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.64457 GHz	-54.59 dBm	-41.59 dB

Date: 9.MAR.2023 16:20:02

LTE Band 66 / 20MHz

Lowest Channel / QPSK

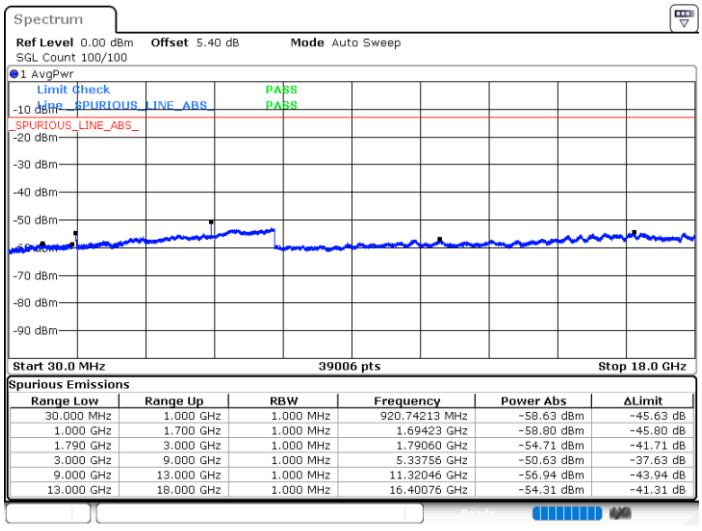


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66344 GHz	-58.58 dBm	-45.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-55.16 dBm	-42.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.90 dBm	-37.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65304 GHz	-57.14 dBm	-44.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.66657 GHz	-54.53 dBm	-41.53 dB

Date: 9.MAR.2023 16:21:09

Middle Channel / QPSK

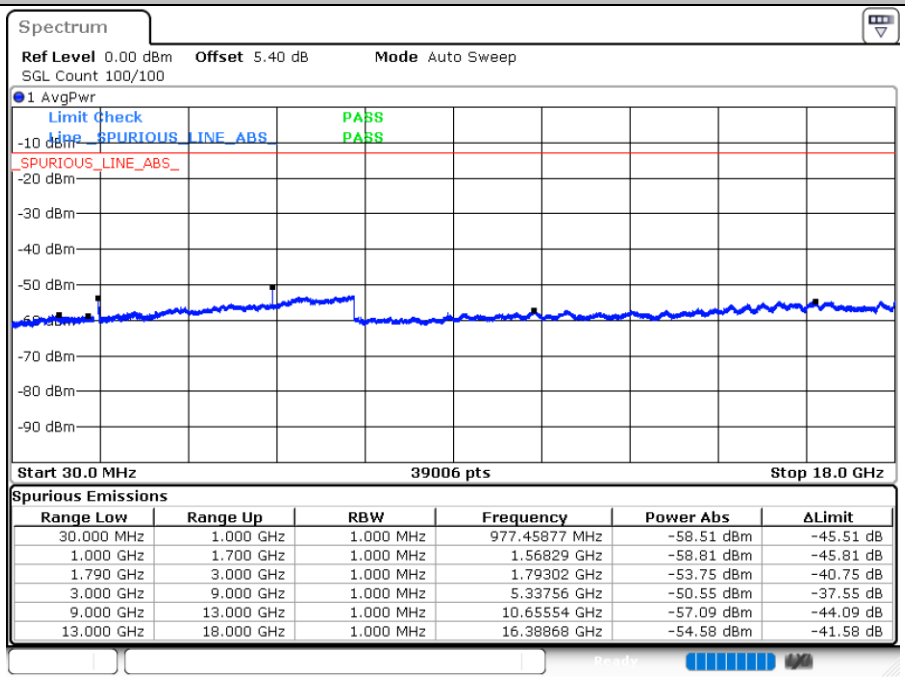


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-58.63 dBm	-45.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-58.80 dBm	-45.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-54.71 dBm	-41.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.63 dBm	-37.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.32046 GHz	-56.94 dBm	-43.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40076 GHz	-54.31 dBm	-41.31 dB

Date: 9.MAR.2023 16:22:33

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-58.51 dBm	-45.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56829 GHz	-58.81 dBm	-45.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79302 GHz	-53.75 dBm	-40.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.33756 GHz	-50.55 dBm	-37.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65554 GHz	-57.09 dBm	-44.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38868 GHz	-54.58 dBm	-41.58 dB

Date: 9.MAR.2023 16:24:03

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.86V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.43 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25℃
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test.

LTE Band 25 / 20MHz / QPSK / ANT2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-58.23	-13	-45.23	-70.49	2.64	14.90	H
	5610	-55.84	-13	-42.84	-67.70	2.94	14.80	H
	7485	-52.82	-13	-39.82	-62.59	3.39	13.16	H
	3735	-57.85	-13	-44.85	-70.11	2.64	14.90	V
	5610	-56.11	-13	-43.11	-67.97	2.94	14.80	V
	7485	-53.06	-13	-40.06	-62.83	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 15MHz / QPSK / ANT1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-52.72	-13	-39.72	-59.69	1.58	10.70	H
	2488	-46.98	-13	-33.98	-55.23	2.102	12.50	H
	3320	-61.19	-13	-48.19	-70.08	2.856	13.90	H
	1656	-57.90	-13	-44.90	-64.87	1.58	10.70	V
	2488	-48.25	-13	-35.25	-56.50	2.10	12.50	V
	3320	-61.30	-13	-48.30	-70.19	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 66 / 20MHz / QPSK / ANT2								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-58.11	-13	-45.11	-68.85	2.604	13.34	H
	5205	-55.27	-13	-42.27	-65.78	3.011	13.52	H
	6945	-54.87	-13	-41.87	-65.07	3.271	13.47	H
	3465	-58.21	-13	-45.21	-68.95	2.604	13.34	V
	5205	-55.26	-13	-42.26	-65.77	3.011	13.52	V
	6945	-54.93	-13	-41.93	-65.13	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

For other PA:

LTE Band 66 / 20MHz / QPSK / ANT6								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-58.12	-13	-45.12	-68.86	2.604	13.34	H
	5208	-55.11	-13	-42.11	-65.62	3.011	13.52	H
	6948	-54.26	-13	-41.26	-64.46	3.271	13.47	H
	3471	-58.34	-13	-45.34	-69.08	2.604	13.34	V
	5208	-54.99	-13	-41.99	-65.50	3.011	13.52	V
	6948	-53.94	-13	-40.94	-64.14	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.