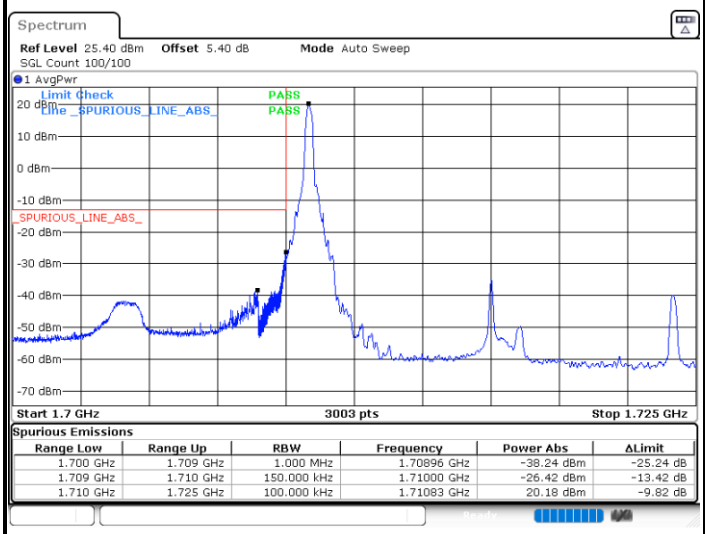
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

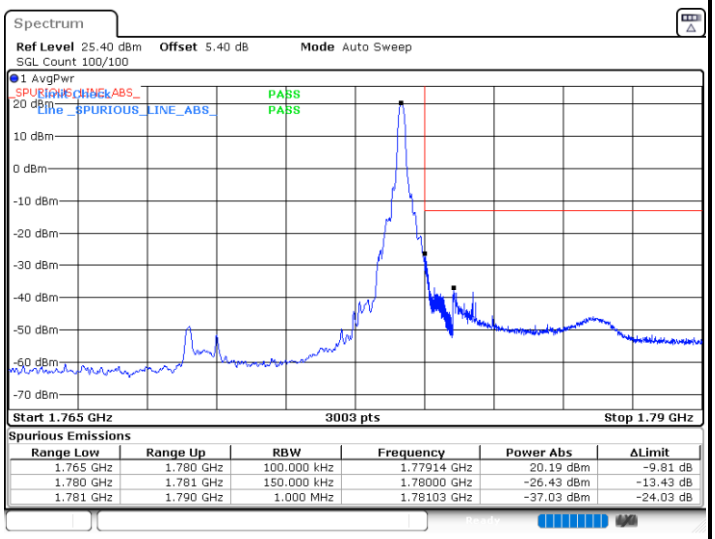


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-38.24 dBm	-25.24 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-26.42 dBm	-13.42 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71083 GHz	20.18 dBm	-9.82 dB

Date: 5.JAN.2023 22:22:13

Highest Band Edge / 1 RB

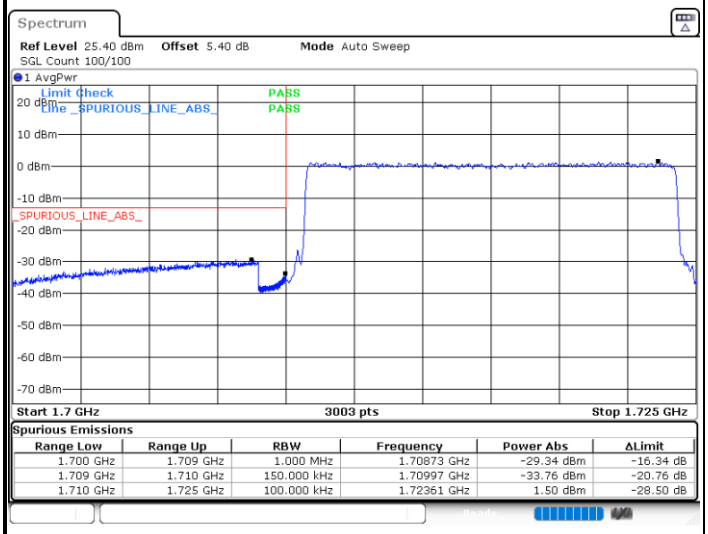


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77914 GHz	20.19 dBm	-9.81 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-26.43 dBm	-13.43 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-37.03 dBm	-24.03 dB

Date: 5.JAN.2023 22:38:43

Lowest Band Edge / Full RB

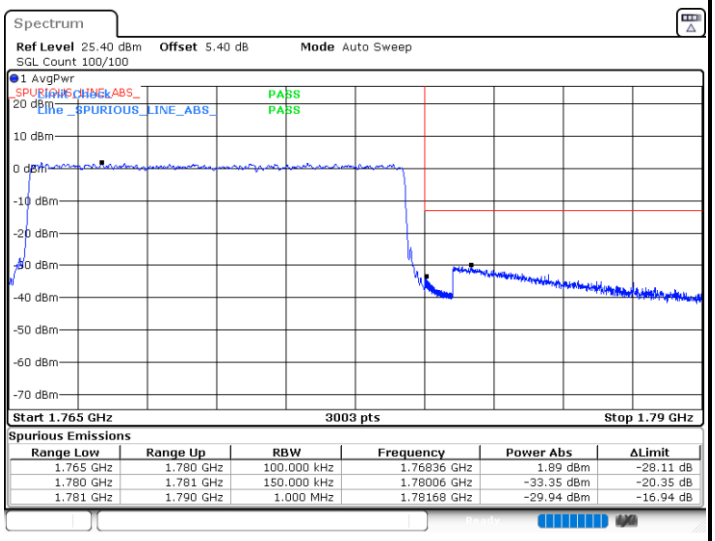


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70873 GHz	-29.34 dBm	-16.34 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70997 GHz	-33.76 dBm	-20.76 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72361 GHz	1.50 dBm	-28.50 dB

Date: 5.JAN.2023 22:27:41

Highest Band Edge / Full RB



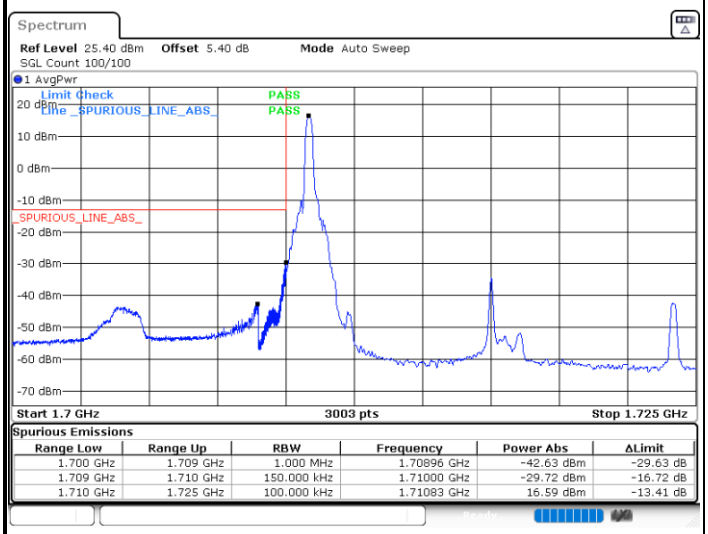
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76836 GHz	1.89 dBm	-28.11 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78006 GHz	-33.35 dBm	-20.35 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78168 GHz	-29.94 dBm	-16.94 dB

Date: 5.JAN.2023 22:45:56

LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

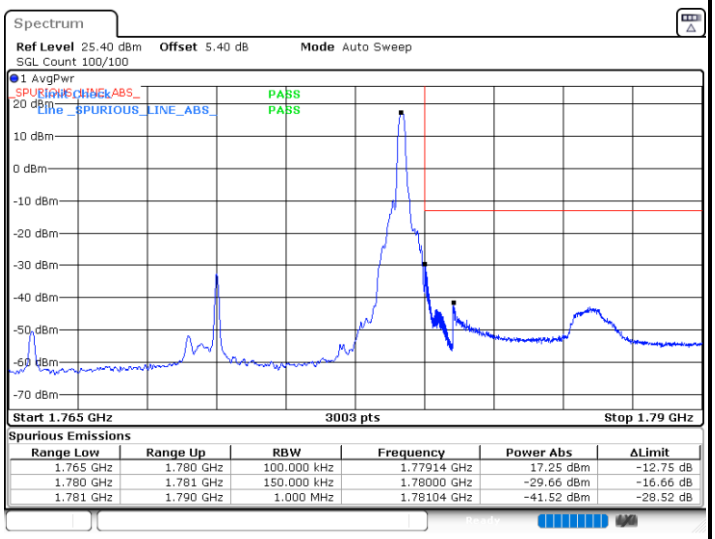


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-42.63 dBm	-29.63 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-29.72 dBm	-16.72 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71083 GHz	16.59 dBm	-13.41 dB

Date: 5.JAN.2023 22:23:55

Highest Band Edge / 1 RB

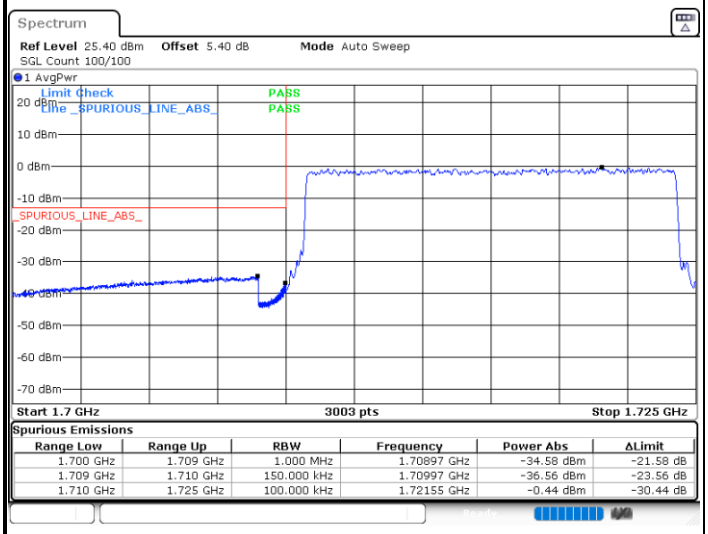


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.77914 GHz	17.25 dBm	-12.75 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78000 GHz	-29.66 dBm	-16.66 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78104 GHz	-41.52 dBm	-28.52 dB

Date: 5.JAN.2023 22:40:23

Lowest Band Edge / Full RB

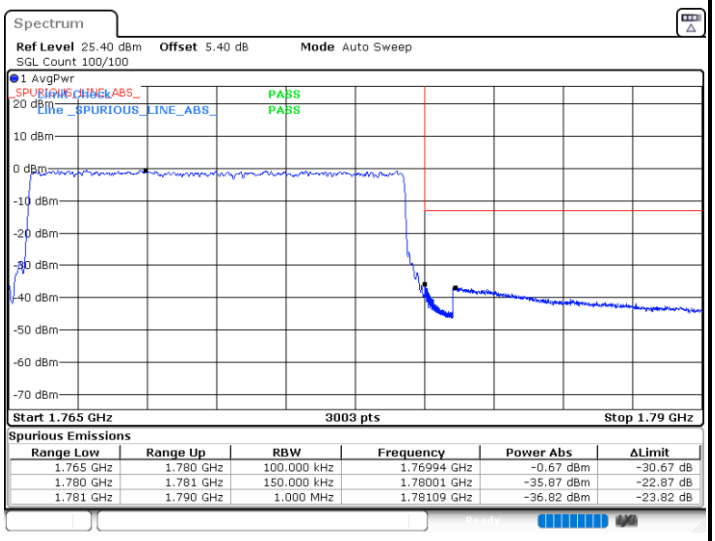


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-34.58 dBm	-21.58 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70997 GHz	-36.56 dBm	-23.56 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72155 GHz	-0.44 dBm	-30.44 dB

Date: 5.JAN.2023 22:25:58

Highest Band Edge / Full RB



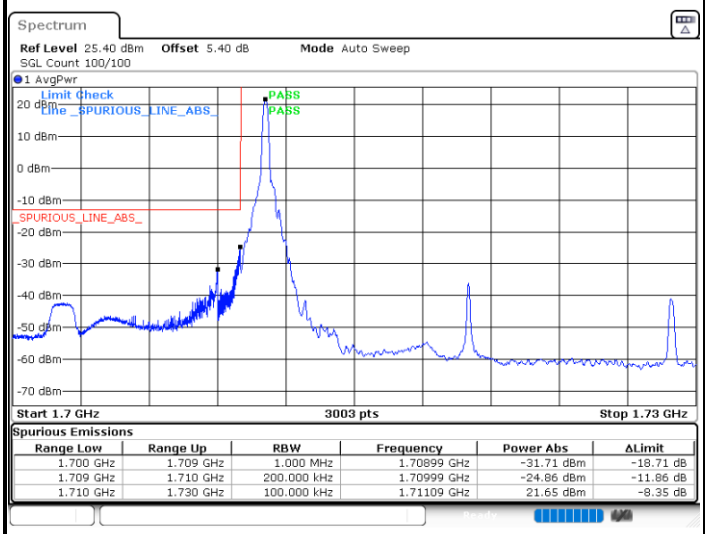
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.765 GHz	1.780 GHz	100.000 kHz	1.76994 GHz	-0.67 dBm	-30.67 dB
1.780 GHz	1.781 GHz	150.000 kHz	1.78001 GHz	-35.87 dBm	-22.87 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-36.82 dBm	-23.82 dB

Date: 5.JAN.2023 22:44:16

LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB

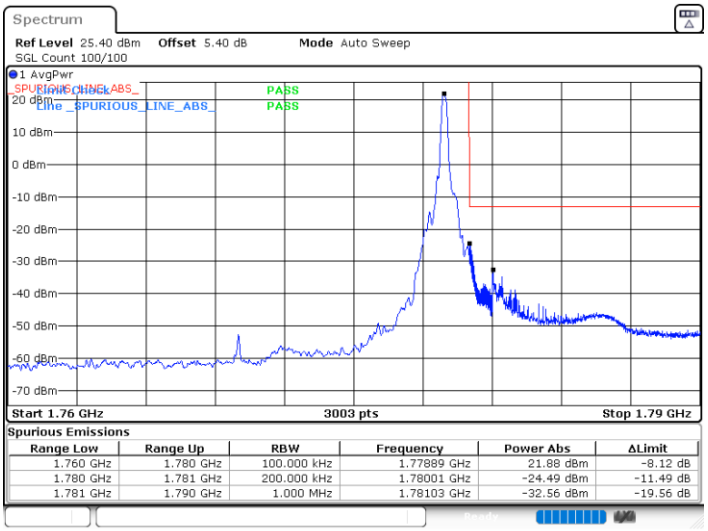


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-31.71 dBm	-18.71 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-24.86 dBm	-11.86 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	21.65 dBm	-8.35 dB

Date: 5.JAN.2023 22:52:19

Highest Band Edge / 1 RB

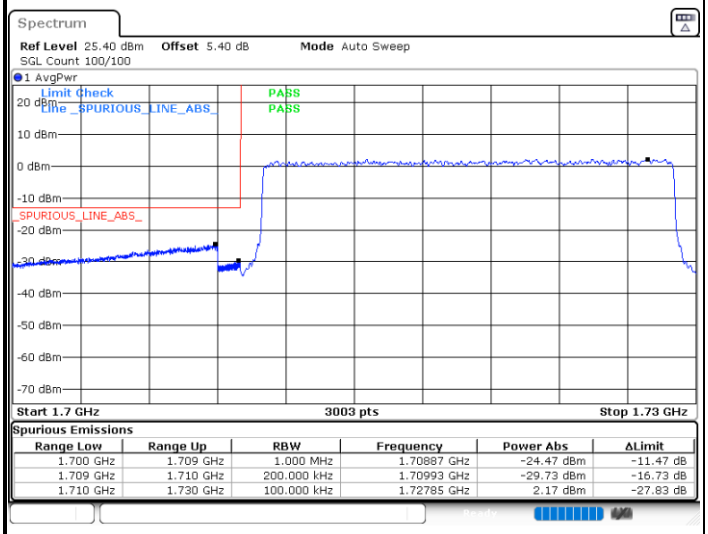


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77889 GHz	21.88 dBm	-8.12 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-24.49 dBm	-11.49 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-32.56 dBm	-19.56 dB

Date: 5.JAN.2023 23:09:03

Lowest Band Edge / Full RB

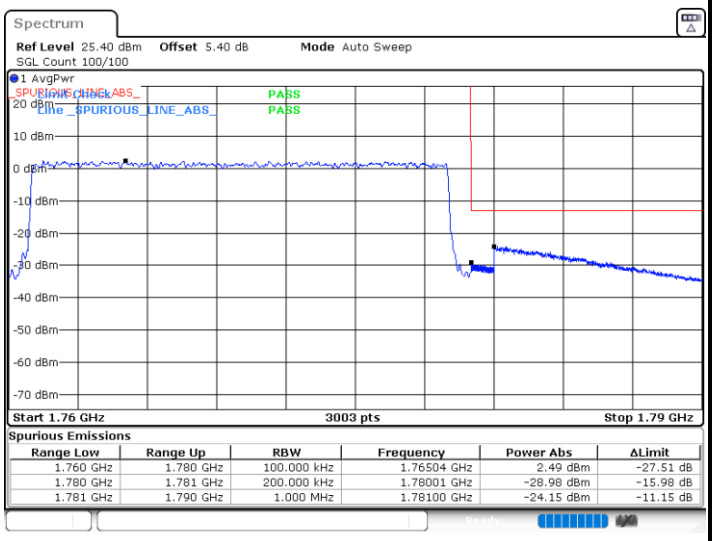


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-24.47 dBm	-11.47 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70993 GHz	-29.73 dBm	-16.73 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72785 GHz	2.17 dBm	-27.83 dB

Date: 5.JAN.2023 23:04:42

Highest Band Edge / Full RB



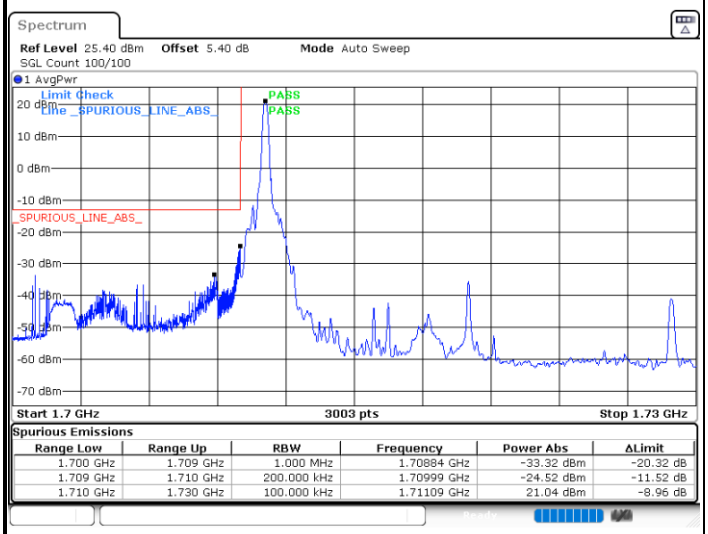
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76504 GHz	2.49 dBm	-27.51 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-28.98 dBm	-15.98 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-24.15 dBm	-11.15 dB

Date: 5.JAN.2023 23:20:49

LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

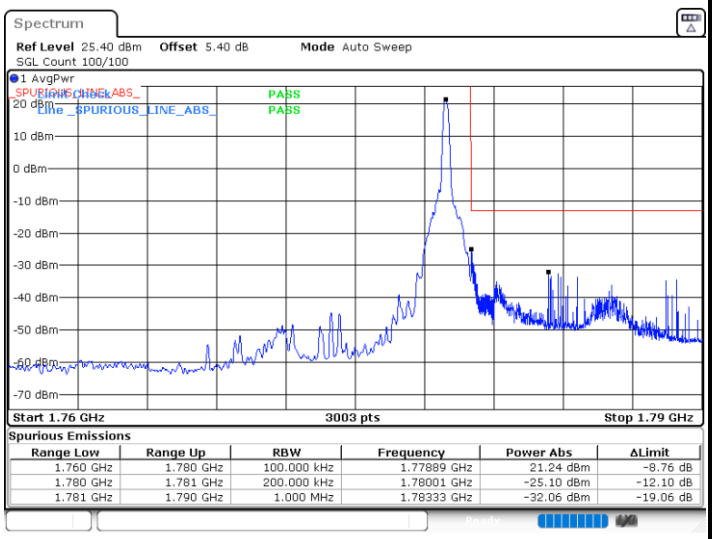


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-33.32 dBm	-20.32 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-24.52 dBm	-11.52 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	21.04 dBm	-8.96 dB

Date: 5.JAN.2023 22:53:59

Highest Band Edge / 1 RB

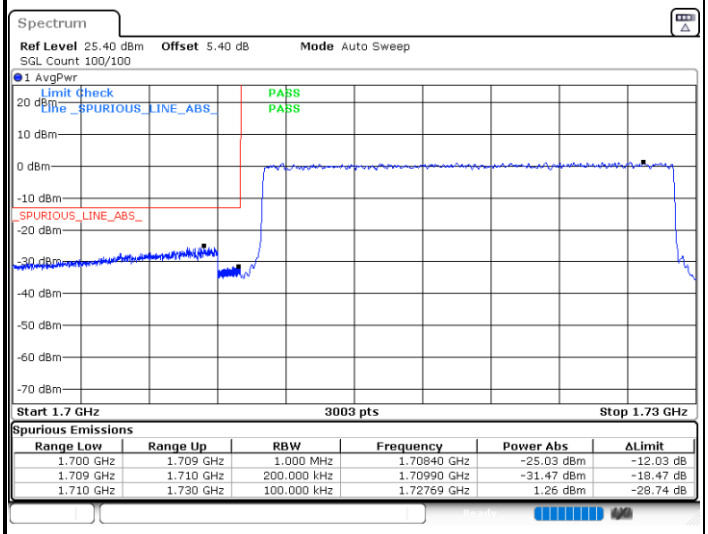


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77889 GHz	21.24 dBm	-8.76 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-25.10 dBm	-12.10 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78333 GHz	-32.06 dBm	-19.06 dB

Date: 5.JAN.2023 23:10:44

Lowest Band Edge / Full RB

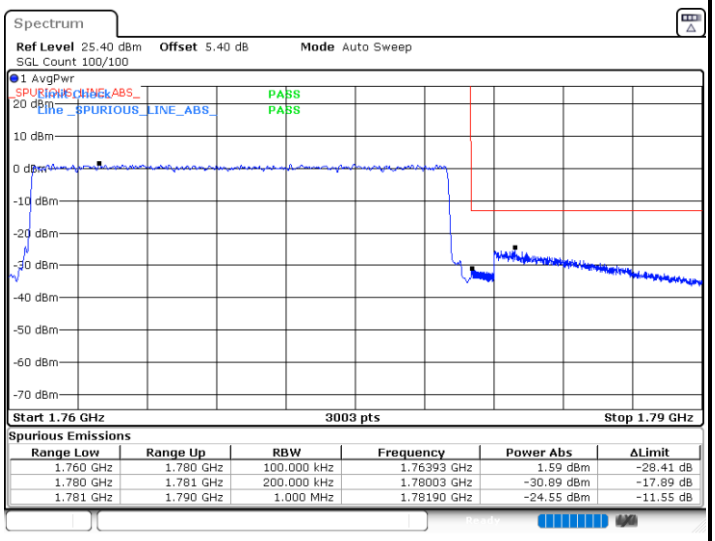


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70840 GHz	-25.03 dBm	-12.03 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70990 GHz	-31.47 dBm	-18.47 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72769 GHz	1.26 dBm	-28.74 dB

Date: 5.JAN.2023 23:03:02

Highest Band Edge / Full RB



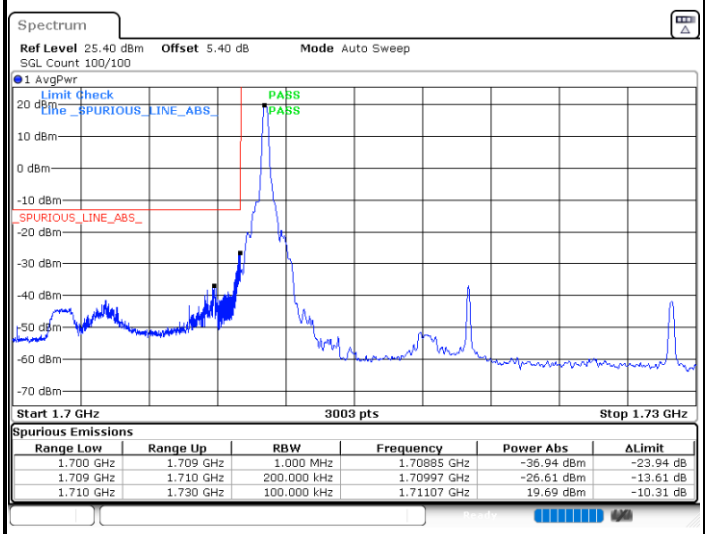
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76393 GHz	1.59 dBm	-28.41 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78003 GHz	-30.89 dBm	-17.89 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78190 GHz	-24.55 dBm	-11.55 dB

Date: 5.JAN.2023 23:19:09

LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

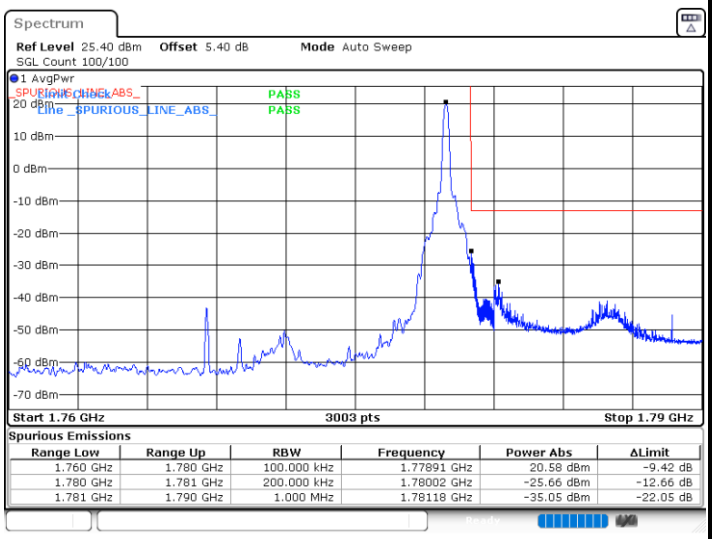


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-36.94 dBm	-23.94 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-26.61 dBm	-13.61 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	19.69 dBm	-10.31 dB

Date: 5.JAN.2023 22:55:40

Highest Band Edge / 1 RB

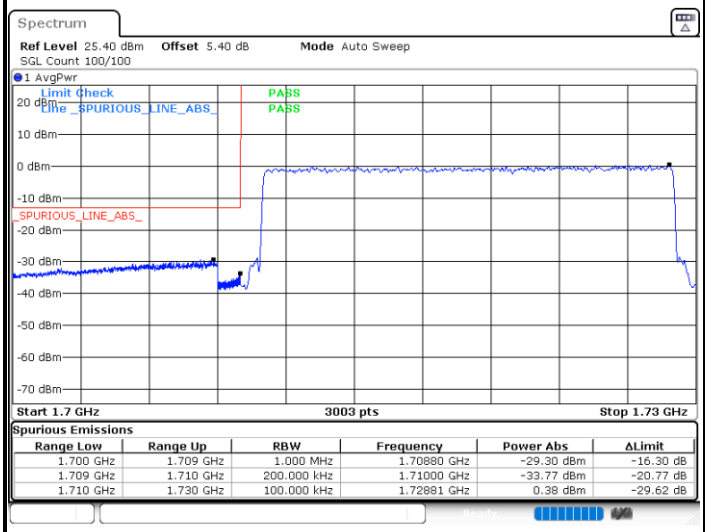


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77891 GHz	20.58 dBm	-9.42 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78002 GHz	-25.66 dBm	-12.66 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78118 GHz	-35.05 dBm	-22.05 dB

Date: 5.JAN.2023 23:12:24

Lowest Band Edge / Full RB

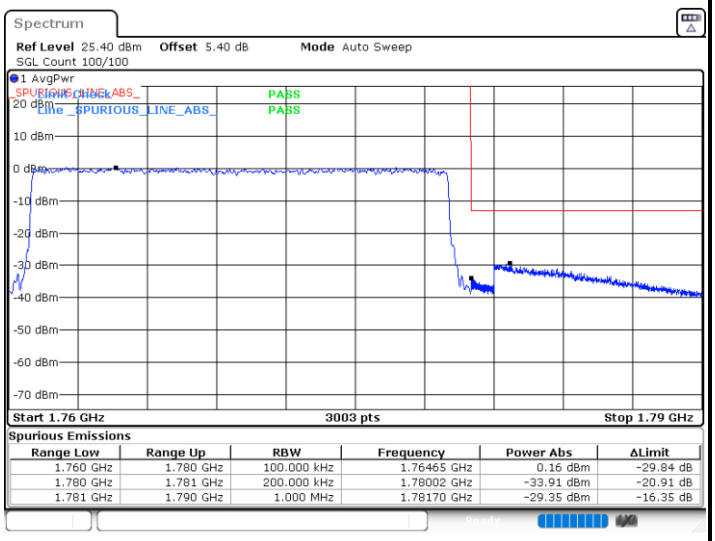


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70880 GHz	-29.30 dBm	-16.30 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.77 dBm	-20.77 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72881 GHz	0.38 dBm	-29.62 dB

Date: 5.JAN.2023 23:01:22

Highest Band Edge / Full RB



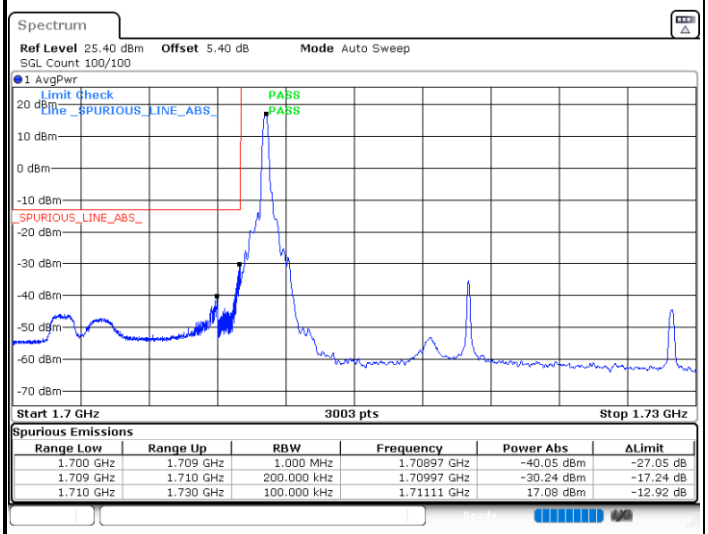
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76465 GHz	0.16 dBm	-29.84 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78002 GHz	-33.91 dBm	-20.91 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78170 GHz	-29.35 dBm	-16.35 dB

Date: 5.JAN.2023 23:17:28

LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

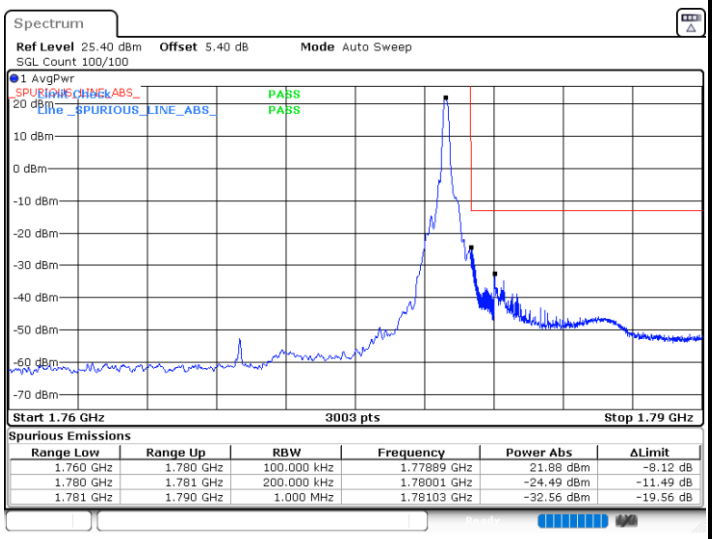


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-40.05 dBm	-27.05 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-30.24 dBm	-17.24 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	17.08 dBm	-12.92 dB

Date: 5.JAN.2023 22:57:20

Highest Band Edge / 1 RB

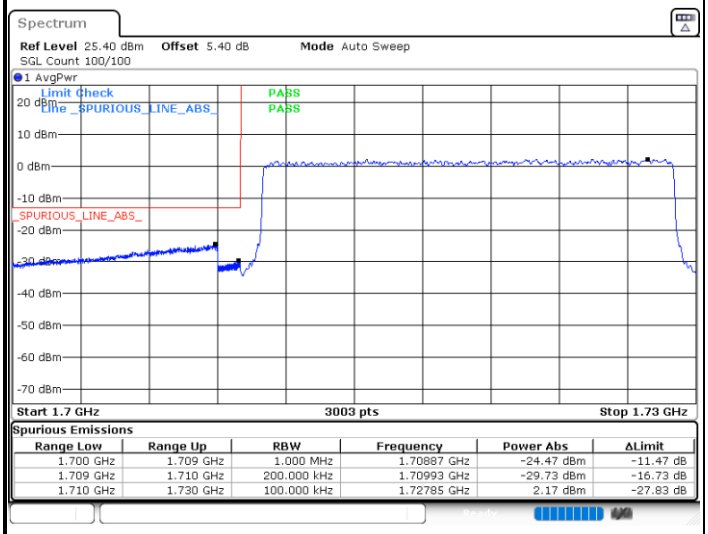


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77889 GHz	21.88 dBm	-8.12 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-24.49 dBm	-11.49 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-32.56 dBm	-19.56 dB

Date: 5.JAN.2023 23:09:03

Lowest Band Edge / Full RB

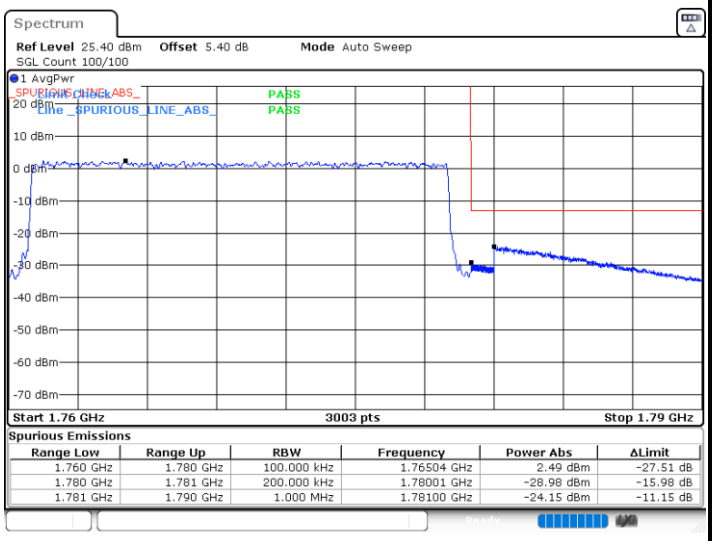


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70887 GHz	-24.47 dBm	-11.47 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70993 GHz	-29.73 dBm	-16.73 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72785 GHz	2.17 dBm	-27.83 dB

Date: 5.JAN.2023 23:04:42

Highest Band Edge / Full RB



Spurious Emissions

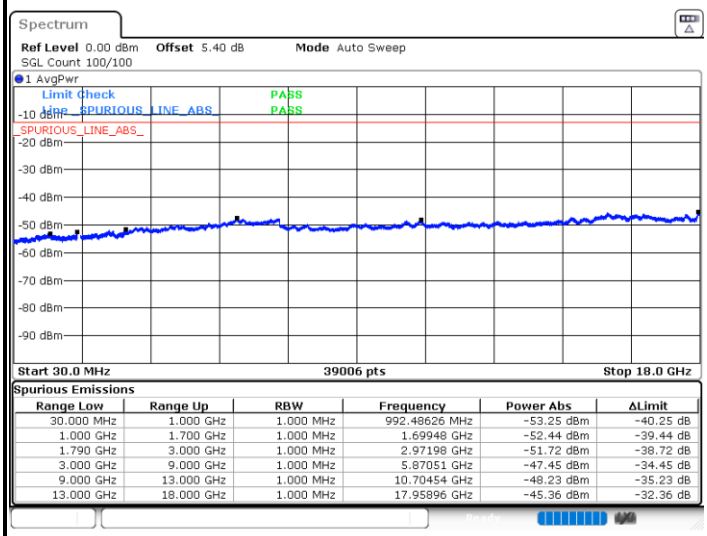
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76504 GHz	2.49 dBm	-27.51 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-28.98 dBm	-15.98 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-24.15 dBm	-11.15 dB

Date: 5.JAN.2023 23:20:49

Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

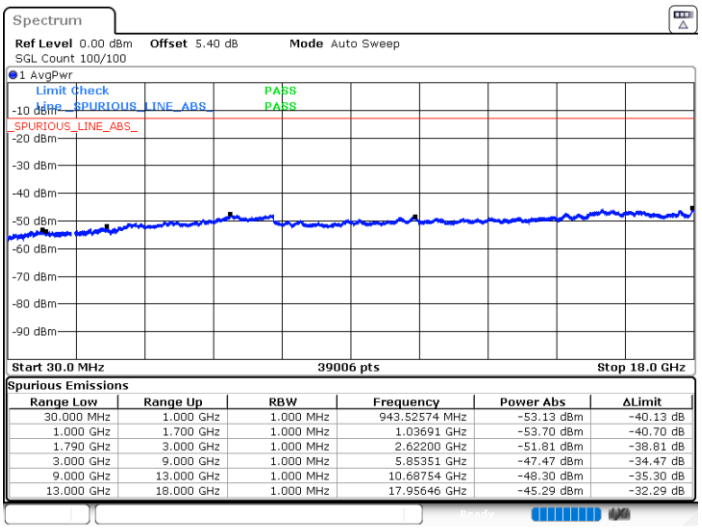


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-52.44 dBm	-39.44 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97198 GHz	-51.72 dBm	-38.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87051 GHz	-47.45 dBm	-34.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.70454 GHz	-48.23 dBm	-35.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95896 GHz	-45.36 dBm	-32.36 dB

Date: 5.JAN.2023 19:50:50

Middle Channel / QPSK

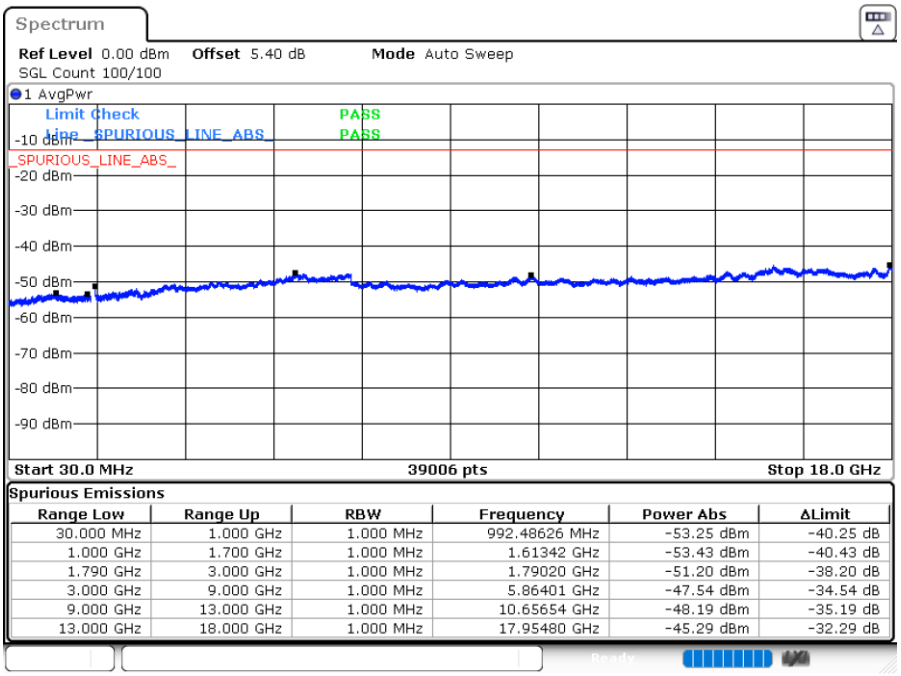


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-53.13 dBm	-40.13 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03691 GHz	-53.70 dBm	-40.70 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.62200 GHz	-51.81 dBm	-38.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.85351 GHz	-47.47 dBm	-34.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.68754 GHz	-48.30 dBm	-35.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95646 GHz	-45.29 dBm	-32.29 dB

Date: 5.JAN.2023 20:08:26

Highest Channel / QPSK



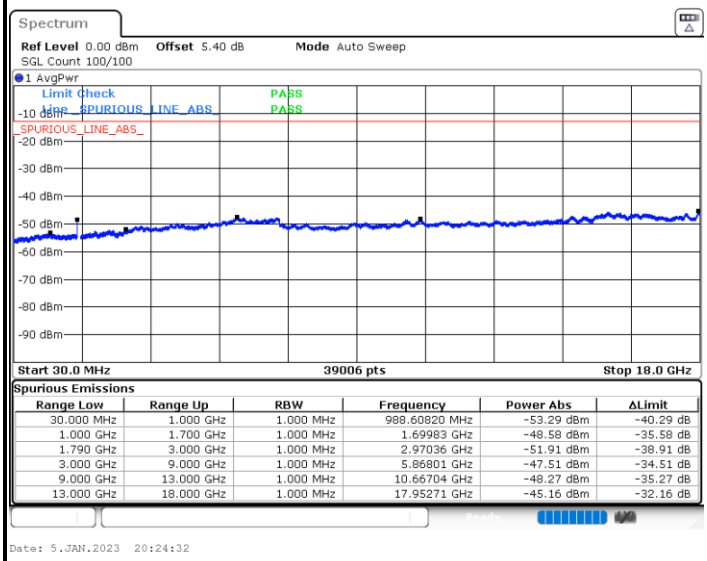
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61342 GHz	-53.43 dBm	-40.43 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-51.20 dBm	-38.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86401 GHz	-47.54 dBm	-34.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65654 GHz	-48.19 dBm	-35.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95480 GHz	-45.29 dBm	-32.29 dB

Date: 5.JAN.2023 20:09:46

LTE Band 66 / 3MHz

Lowest Channel / QPSK

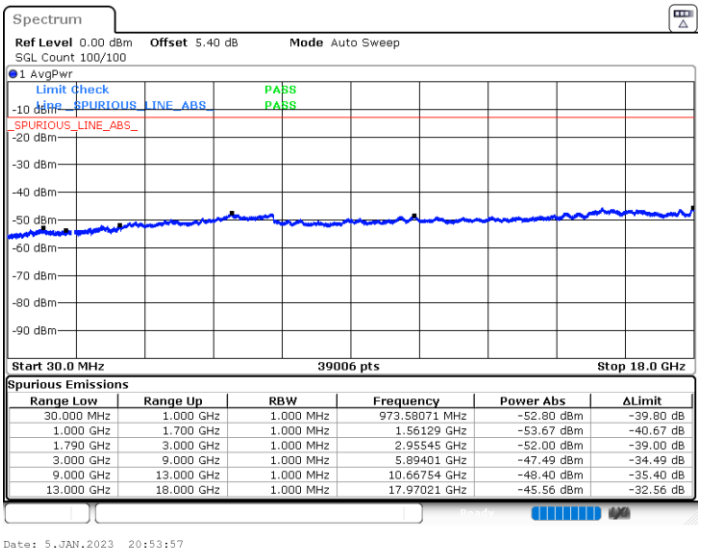


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-53.29 dBm	-40.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.58 dBm	-35.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97036 GHz	-51.91 dBm	-38.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86801 GHz	-47.51 dBm	-34.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66704 GHz	-48.27 dBm	-35.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95271 GHz	-45.16 dBm	-32.16 dB

Date: 5.JAN.2023 20:24:32

Middle Channel / QPSK

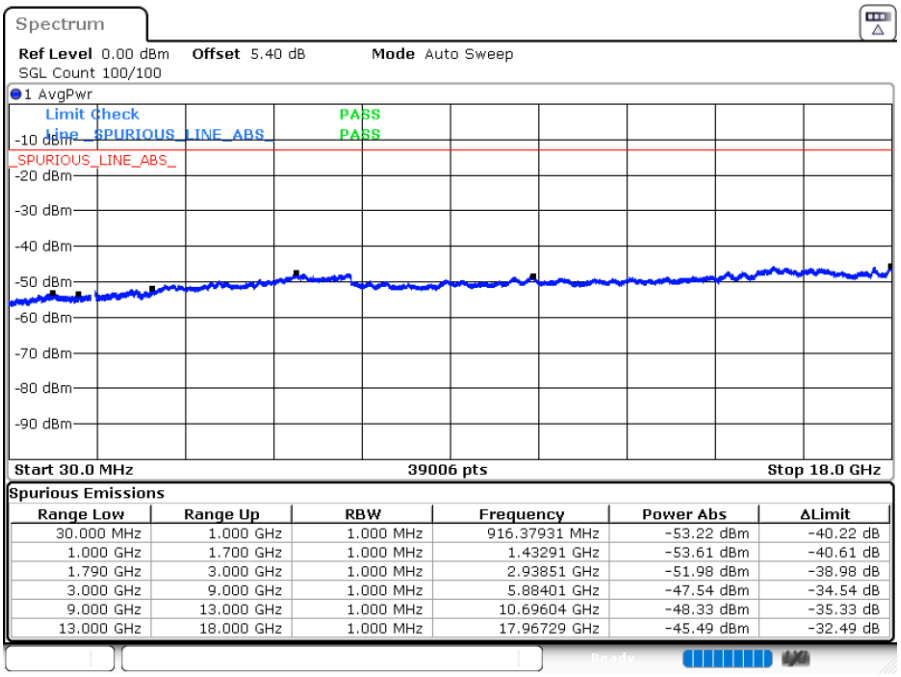


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-52.80 dBm	-39.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56129 GHz	-53.67 dBm	-40.67 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95545 GHz	-52.00 dBm	-39.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.89401 GHz	-47.49 dBm	-34.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66754 GHz	-48.40 dBm	-35.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97021 GHz	-45.56 dBm	-32.56 dB

Date: 5.JAN.2023 20:53:57

Highest Channel / QPSK



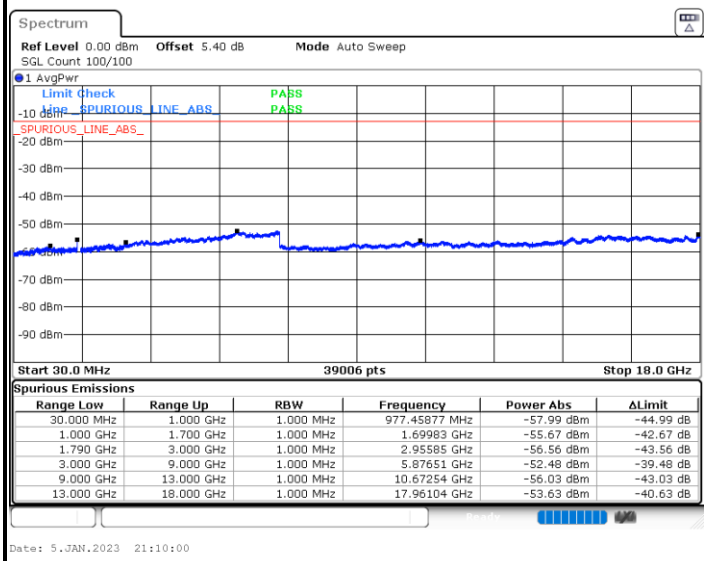
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-53.22 dBm	-40.22 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.43291 GHz	-53.61 dBm	-40.61 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.93851 GHz	-51.98 dBm	-38.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.88401 GHz	-47.54 dBm	-34.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.69604 GHz	-48.33 dBm	-35.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96729 GHz	-45.49 dBm	-32.49 dB

Date: 5.JAN.2023 20:55:17

LTE Band 66 / 5MHz

Lowest Channel / QPSK

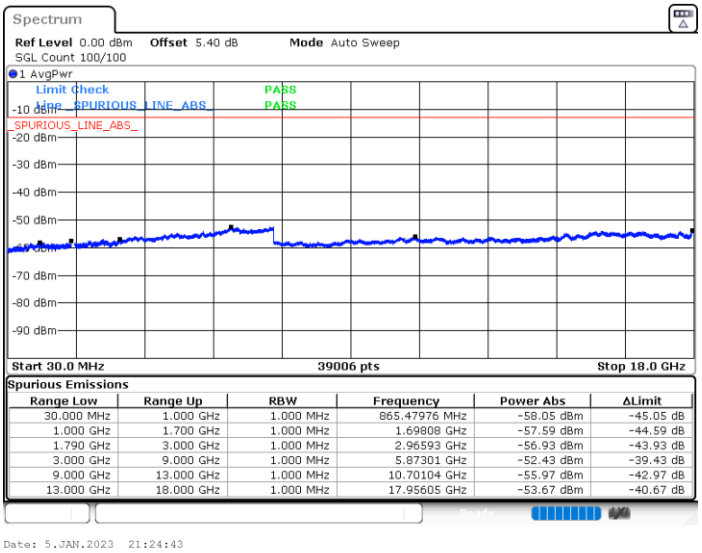


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-57.99 dBm	-44.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-55.67 dBm	-42.67 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95585 GHz	-56.56 dBm	-43.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87651 GHz	-52.48 dBm	-39.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67254 GHz	-56.03 dBm	-43.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96104 GHz	-53.63 dBm	-40.63 dB

Date: 5.JAN.2023 21:10:00

Middle Channel / QPSK

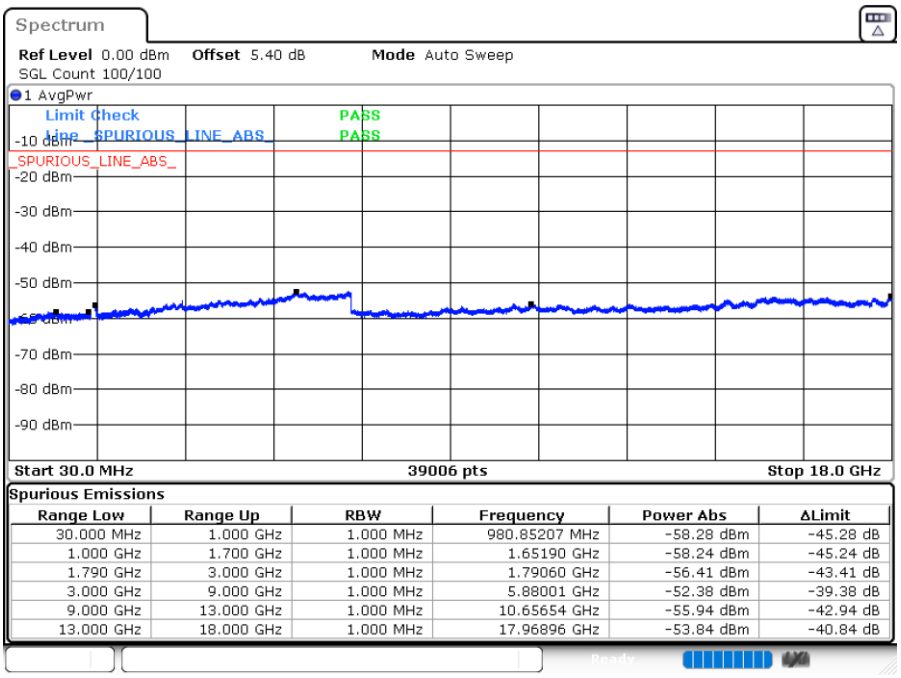


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-57.59 dBm	-44.59 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96593 GHz	-56.93 dBm	-43.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87301 GHz	-52.43 dBm	-39.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.70104 GHz	-55.97 dBm	-42.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95605 GHz	-53.67 dBm	-40.67 dB

Date: 5.JAN.2023 21:24:43

Highest Channel / QPSK



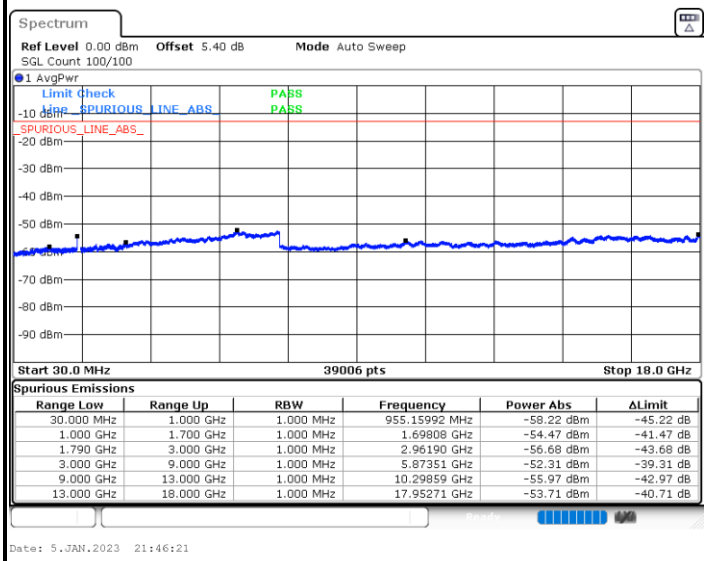
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-58.28 dBm	-45.28 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65190 GHz	-58.24 dBm	-45.24 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-56.41 dBm	-43.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.88001 GHz	-52.38 dBm	-39.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65654 GHz	-55.94 dBm	-42.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96896 GHz	-53.84 dBm	-40.84 dB

Date: 5.JAN.2023 21:26:03

LTE Band 66 / 10MHz

Lowest Channel / QPSK

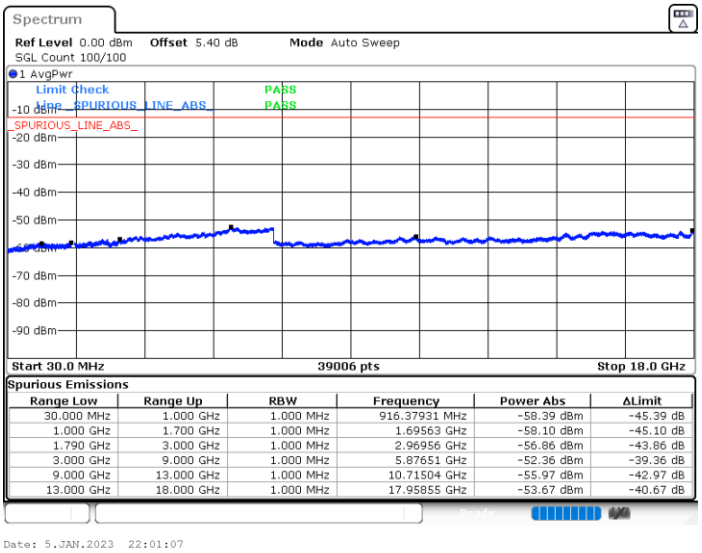


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-58.22 dBm	-45.22 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-54.47 dBm	-41.47 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96190 GHz	-56.68 dBm	-43.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87351 GHz	-52.31 dBm	-39.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29859 GHz	-55.97 dBm	-42.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95271 GHz	-53.71 dBm	-40.71 dB

Date: 5.JAN.2023 21:46:21

Middle Channel / QPSK

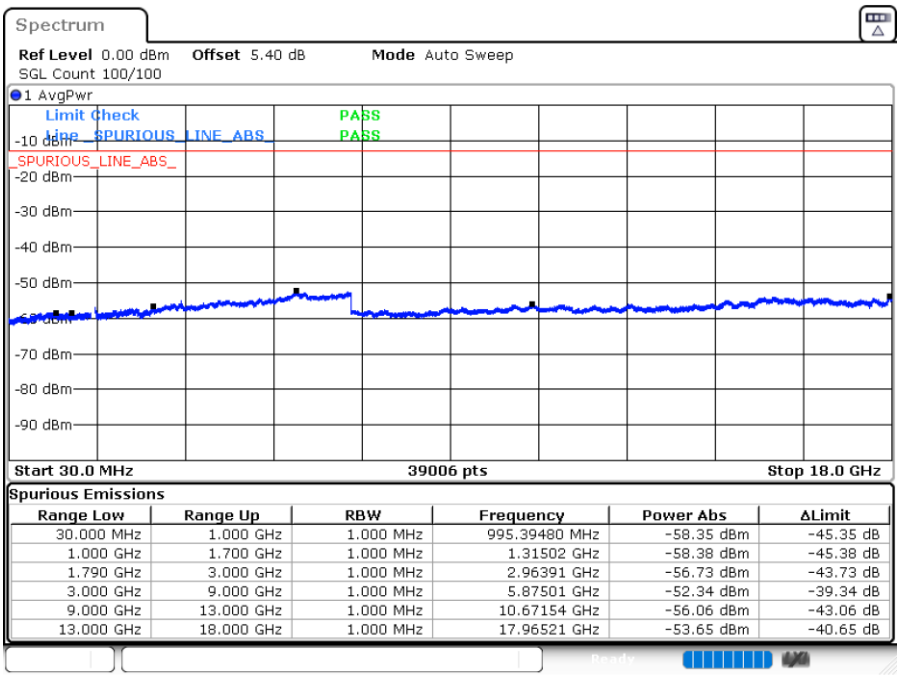


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-58.39 dBm	-45.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69563 GHz	-58.10 dBm	-45.10 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96956 GHz	-56.86 dBm	-43.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87651 GHz	-52.36 dBm	-39.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.71504 GHz	-55.97 dBm	-42.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95855 GHz	-53.67 dBm	-40.67 dB

Date: 5.JAN.2023 22:01:07

Highest Channel / QPSK



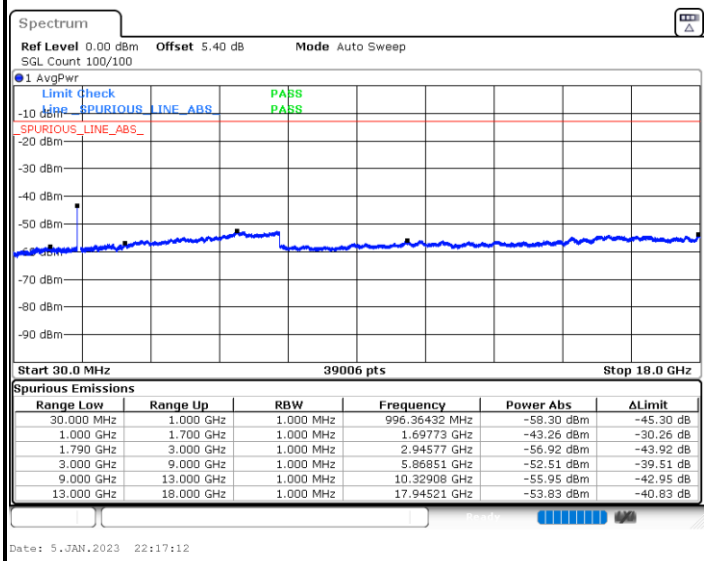
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.39480 MHz	-58.35 dBm	-45.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.31502 GHz	-58.38 dBm	-45.38 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96391 GHz	-56.73 dBm	-43.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.87501 GHz	-52.34 dBm	-39.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67154 GHz	-56.06 dBm	-43.06 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96521 GHz	-53.65 dBm	-40.65 dB

Date: 5.JAN.2023 22:02:28

LTE Band 66 / 15MHz

Lowest Channel / QPSK

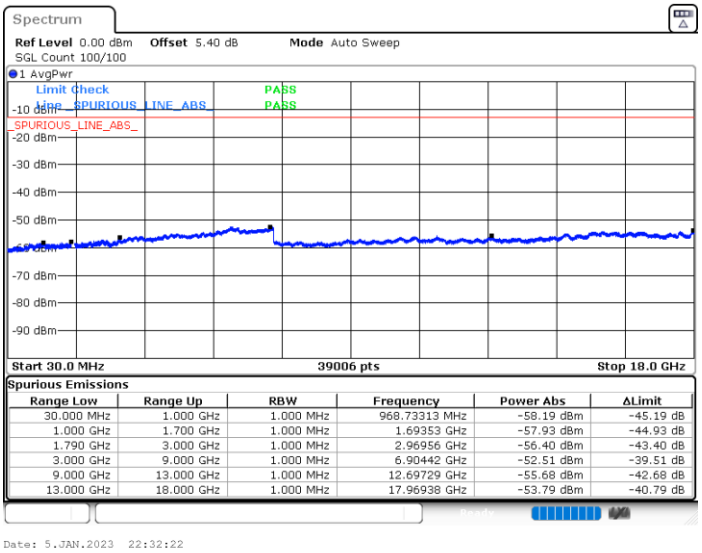


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-58.30 dBm	-45.30 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-43.26 dBm	-30.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94577 GHz	-56.92 dBm	-43.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86851 GHz	-52.51 dBm	-39.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32908 GHz	-55.95 dBm	-42.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.94521 GHz	-53.83 dBm	-40.83 dB

Date: 5.JAN.2023 22:17:12

Middle Channel / QPSK

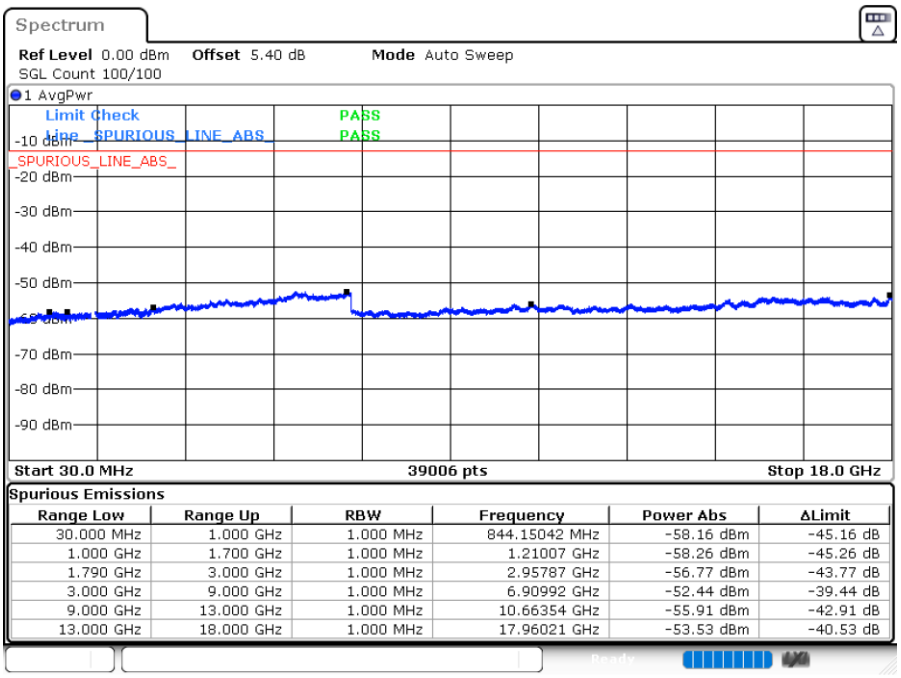


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-58.19 dBm	-45.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-57.93 dBm	-44.93 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96956 GHz	-56.40 dBm	-43.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90442 GHz	-52.51 dBm	-39.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-55.68 dBm	-42.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96938 GHz	-53.79 dBm	-40.79 dB

Date: 5.JAN.2023 22:32:22

Highest Channel / QPSK



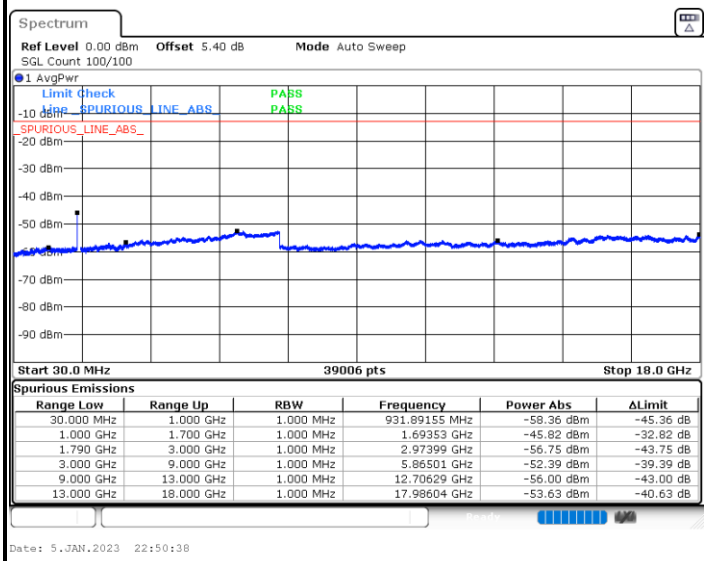
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	844.15042 MHz	-58.16 dBm	-45.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.21007 GHz	-58.26 dBm	-45.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95787 GHz	-56.77 dBm	-43.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90992 GHz	-52.44 dBm	-39.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66354 GHz	-55.91 dBm	-42.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96021 GHz	-53.53 dBm	-40.53 dB

Date: 5.JAN.2023 22:33:42

LTE Band 66 / 20MHz

Lowest Channel / QPSK

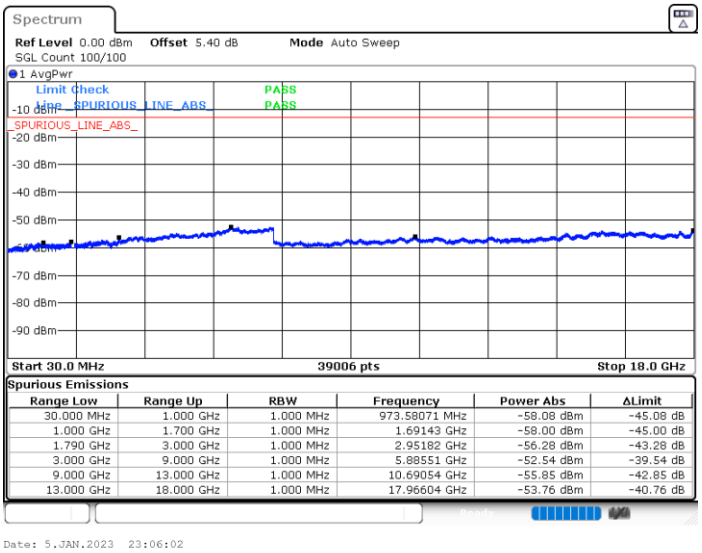


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-58.36 dBm	-45.36 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.82 dBm	-32.82 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97399 GHz	-56.75 dBm	-43.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.86501 GHz	-52.39 dBm	-39.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-56.00 dBm	-43.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98604 GHz	-53.63 dBm	-40.63 dB

Date: 5.JAN.2023 22:50:38

Middle Channel / QPSK

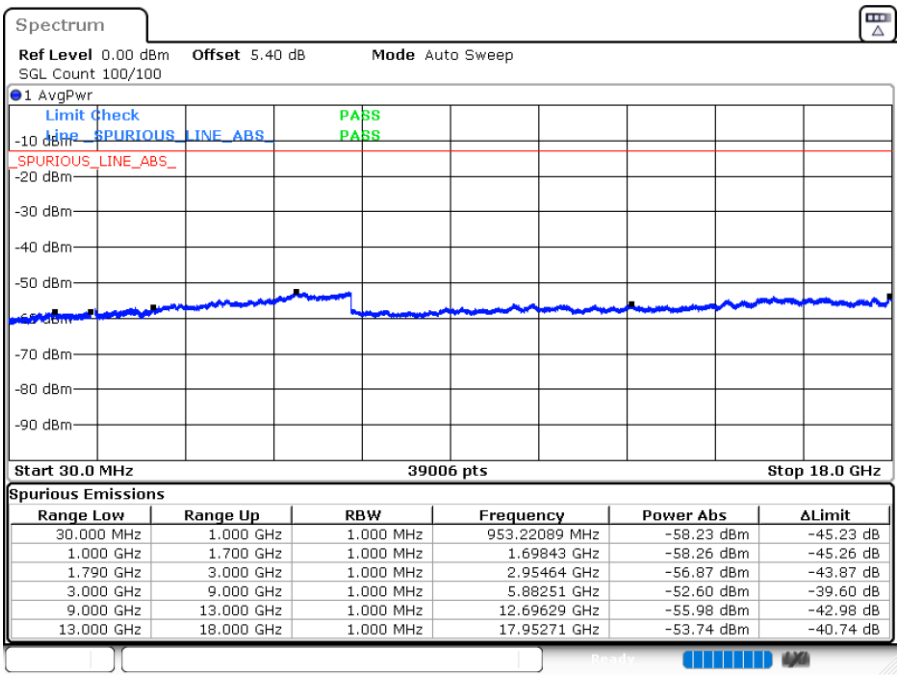


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-58.00 dBm	-45.00 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95182 GHz	-56.28 dBm	-43.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.88551 GHz	-52.54 dBm	-39.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.69054 GHz	-55.85 dBm	-42.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.96604 GHz	-53.76 dBm	-40.76 dB

Date: 5.JAN.2023 23:06:02

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-58.23 dBm	-45.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-58.26 dBm	-45.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95464 GHz	-56.87 dBm	-43.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.88251 GHz	-52.60 dBm	-39.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69629 GHz	-55.98 dBm	-42.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.95271 GHz	-53.74 dBm	-40.74 dB

Date: 5.JAN.2023 23:07:23

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	0.0015	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 :	Carry Xu	Temperature :	22~23℃
		Relative Humidity :	40~42%

RSE pretest all the supported antennas, only the worst antenna is shown in the report.

LTE Band 2 / 20MHz / QPSK / Ant.2								
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	3742	-54.45	-13	-41.45	-66.71	2.64	14.90	H
	5613	-56.81	-13	-43.81	-68.67	2.94	14.80	H
	7485	-53.86	-13	-40.86	-63.63	3.39	13.16	H
	3742	-56.77	-13	-43.77	-69.03	2.64	14.90	V
	5613	-56.95	-13	-43.95	-68.81	2.94	14.80	V
	7485	-53.91	-13	-40.91	-63.68	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK / Ant.1								
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	1664	-64.27	-13	-51.27	-71.24	1.58	10.70	H
	2496	-59.42	-13	-46.42	-67.67	2.102	12.50	H
	3328	-60.50	-13	-47.50	-69.39	2.856	13.90	H
	1664	-61.62	-13	-48.62	-68.59	1.58	10.70	V
	2496	-53.39	-13	-40.39	-61.64	2.10	12.50	V
	3328	-60.58	-13	-47.58	-69.47	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK / Ant.3								
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	5052	-57.15	-25	-32.15	-67.36	3.03	13.24	H
	7576	-44.32	-25	-19.32	-53.77	3.56	13.01	H
	10100	-62.42	-25	-37.42	-71.94	3.92	13.44	H
	5052	-52.67	-25	-27.67	-62.88	3.03	13.24	V
	7576	-46.46	-25	-21.46	-55.91	3.56	13.01	V
	10100	-61.97	-25	-36.97	-71.49	3.92	13.44	V

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

LTE Band 66 / 20MHz / QPSK / Ant.2								
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	3472	-58.26	-13	-45.26	-69.00	2.604	13.34	H
	5208	-56.18	-13	-43.18	-66.69	3.011	13.52	H
	6945	-55.55	-13	-42.55	-65.75	3.271	13.47	H
	3472	-57.76	-13	-44.76	-68.50	2.604	13.34	V
	5208	-56.47	-13	-43.47	-66.98	3.011	13.52	V
	6945	-55.63	-13	-42.63	-65.83	3.271	13.47	V

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

LTE Band 41 / 20MHz / QPSK / Ant.2								
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	5168	-60.63	-25	-35.63	-70.84	3.03	13.24	H
	7752	-44.95	-25	-19.95	-54.40	3.56	13.01	H
	10340	-59.19	-25	-34.19	-68.71	3.92	13.44	H
	5168	-55.38	-25	-30.38	-65.59	3.03	13.24	V
	7752	-47.29	-25	-22.29	-56.74	3.56	13.01	V
	10340	-62.50	-25	-37.50	-72.02	3.92	13.44	V

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

LTE Band 7C / 20MHz + 20MHz / QPSK / Ant.3								
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 1RB0	5032	-63.49	-25	-38.49	-73.70	3.03	13.24	H
	7548	-47.41	-25	-22.41	-56.86	3.56	13.01	H
	10060	-61.47	-25	-36.47	-70.99	3.92	13.44	H
	5032	-63.65	-25	-38.65	-73.86	3.03	13.24	V
	7548	-50.97	-25	-25.97	-60.42	3.56	13.01	V
	10060	-62.59	-25	-37.59	-72.11	3.92	13.44	V
Middle 1RBMAX	5068	-65.50	-25	-40.50	-75.71	3.03	13.24	H
	7600	-63.87	-25	-38.87	-73.32	3.56	13.01	H
	10140	-62.69	-25	-37.69	-72.21	3.92	13.44	H
	5068	-65.37	-25	-40.37	-75.58	3.03	13.24	V
	7600	-63.87	-25	-38.87	-73.32	3.56	13.01	V
	10140	-62.96	-25	-37.96	-72.48	3.92	13.44	V

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

LTE Band 38C / 20MHz + 20MHz / QPSK / Ant.3								
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 1RB0	5152	-60.08	-25	-35.08	-70.29	3.03	13.24	H
	7728	-45.67	-25	-20.67	-55.12	3.56	13.01	H
	10300	-59.98	-25	-34.98	-69.50	3.92	13.44	H
	5152	-60.84	-25	-35.84	-71.05	3.03	13.24	V
	7728	-55.90	-25	-30.90	-65.35	3.56	13.01	V
	10300	-59.40	-25	-34.40	-68.92	3.92	13.44	V
Middle 1RBMAX	5188	-64.90	-25	-39.90	-75.11	3.03	13.24	H
	7784	-63.17	-25	-38.17	-72.62	3.56	13.01	H
	10380	-62.24	-25	-37.24	-71.76	3.92	13.44	H
	5188	-64.98	-25	-39.98	-75.19	3.03	13.24	V
	7784	-63.12	-25	-38.12	-72.57	3.56	13.01	V
	10380	-62.36	-25	-37.36	-71.88	3.92	13.44	V

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