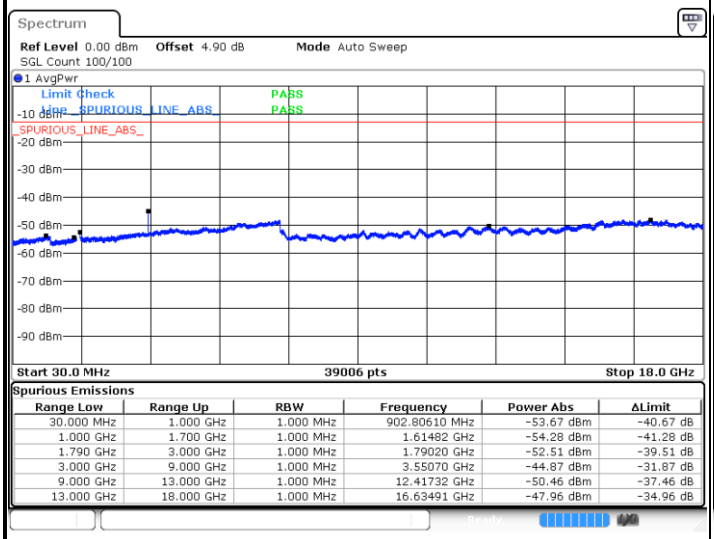
LTE Band 66 / 5MHz

Highest Channel / QPSK

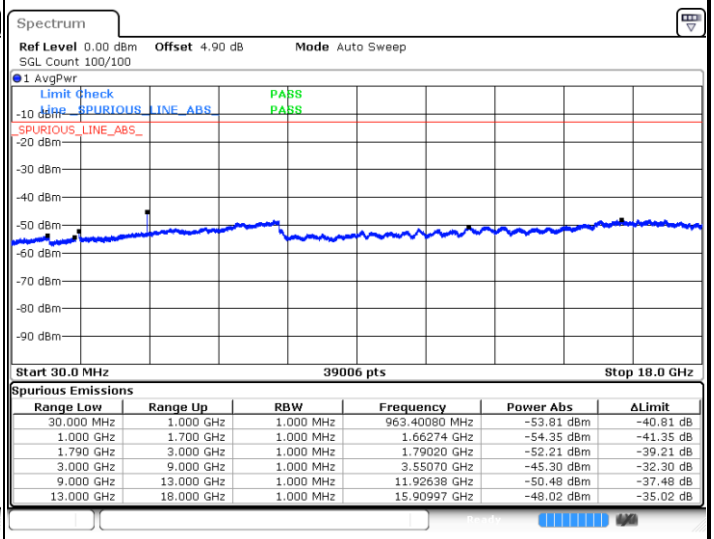


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61482 GHz	-54.28 dBm	-41.28 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-52.51 dBm	-39.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-44.87 dBm	-31.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41732 GHz	-50.46 dBm	-37.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63491 GHz	-47.96 dBm	-34.96 dB

Date: 8.APR.2019 16:10:22

Highest Channel / 16QAM



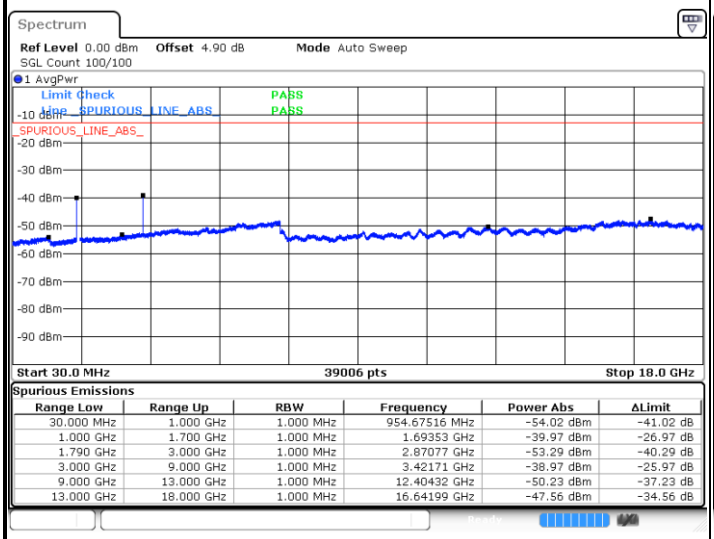
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-53.81 dBm	-40.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66274 GHz	-54.35 dBm	-41.35 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-52.21 dBm	-39.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-45.30 dBm	-32.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92638 GHz	-50.48 dBm	-37.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90997 GHz	-48.02 dBm	-35.02 dB

Date: 8.APR.2019 16:10:54

LTE Band 66 / 10MHz

Lowest Channel / QPSK

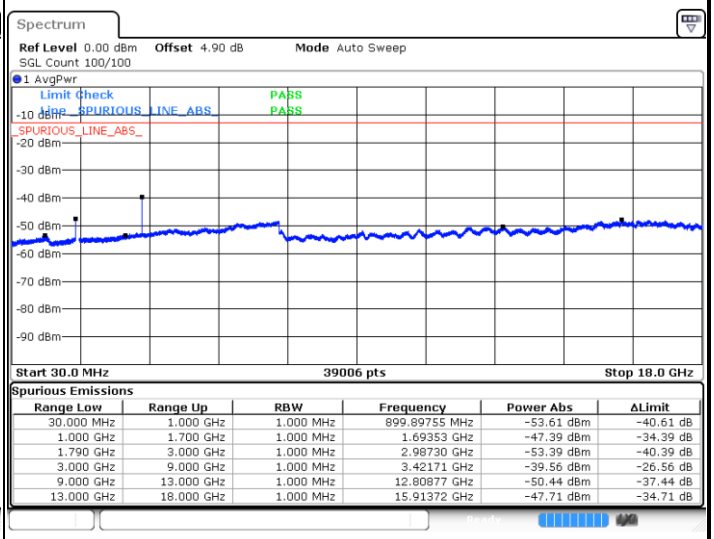


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-39.97 dBm	-26.97 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.87077 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-38.97 dBm	-25.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40432 GHz	-50.23 dBm	-37.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64199 GHz	-47.56 dBm	-34.56 dB

Date: 8.APR.2019 16:19:20

Lowest Channel / 16QAM



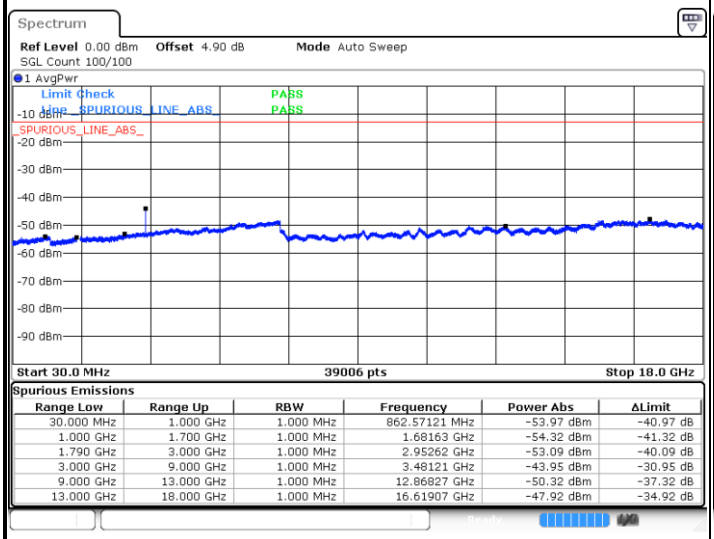
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-47.39 dBm	-34.39 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98730 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-39.56 dBm	-26.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80877 GHz	-50.44 dBm	-37.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91372 GHz	-47.71 dBm	-34.71 dB

Date: 8.APR.2019 16:18:28

LTE Band 66 / 10MHz

Middle Channel / QPSK

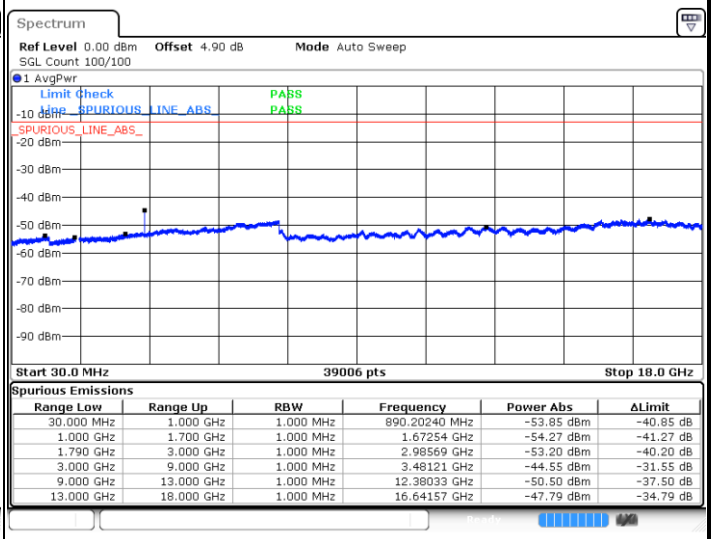


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68163 GHz	-54.32 dBm	-41.32 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95262 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-43.95 dBm	-30.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86827 GHz	-50.32 dBm	-37.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61907 GHz	-47.92 dBm	-34.92 dB

Date: 8.APR.2019 16:28:11

Middle Channel / 16QAM

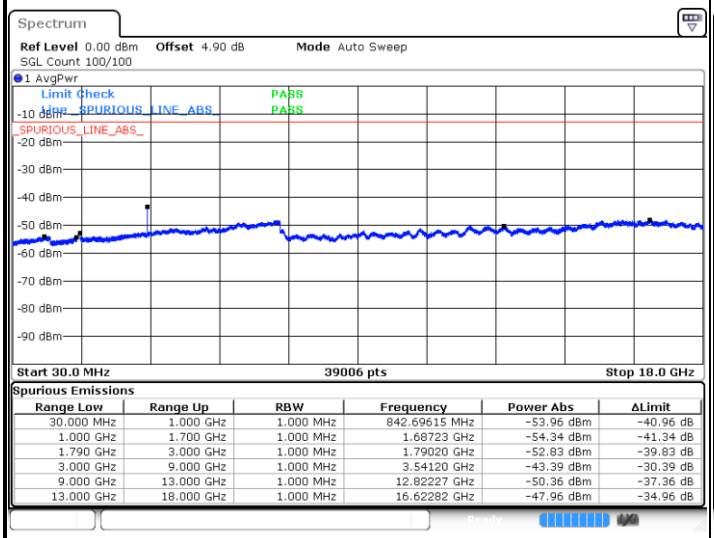


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-53.85 dBm	-40.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67254 GHz	-54.27 dBm	-41.27 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98569 GHz	-53.20 dBm	-40.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-44.55 dBm	-31.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38033 GHz	-50.50 dBm	-37.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64157 GHz	-47.79 dBm	-34.79 dB

Date: 8.APR.2019 16:28:49

Highest Channel / QPSK

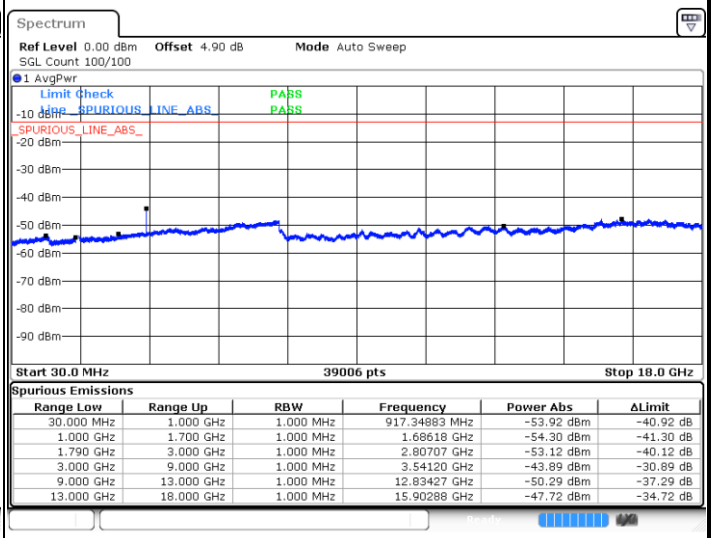


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	842.69615 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-54.34 dBm	-41.34 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-52.83 dBm	-39.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-43.39 dBm	-30.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-50.36 dBm	-37.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62282 GHz	-47.96 dBm	-34.96 dB

Date: 8.APR.2019 16:38:21

Highest Channel / 16QAM



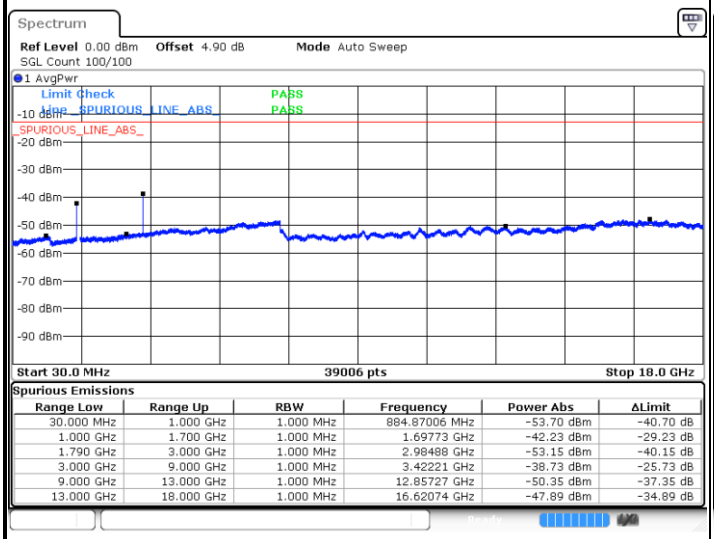
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68618 GHz	-54.30 dBm	-41.30 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.80707 GHz	-53.12 dBm	-40.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-43.89 dBm	-30.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83427 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90288 GHz	-47.72 dBm	-34.72 dB

Date: 8.APR.2019 16:38:58

LTE Band 66 / 15MHz

Lowest Channel / QPSK

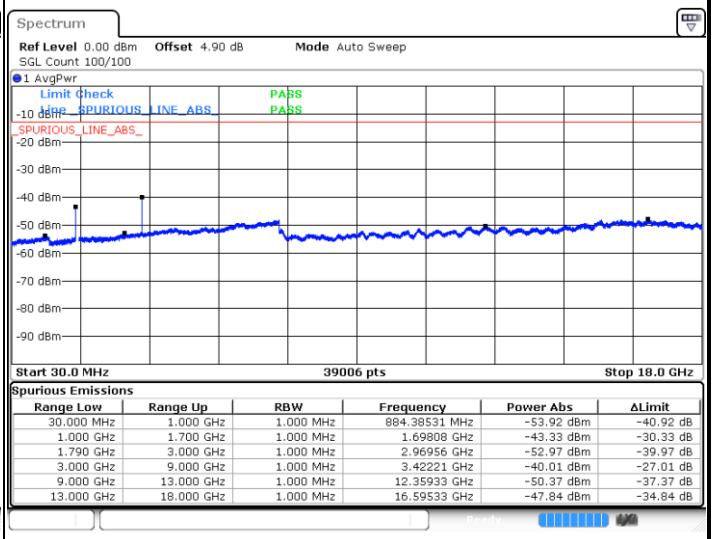


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-53.70 dBm	-40.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-42.23 dBm	-29.23 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98488 GHz	-53.15 dBm	-40.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-38.73 dBm	-25.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-50.35 dBm	-37.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62074 GHz	-47.89 dBm	-34.89 dB

Date: 8.APR.2019 16:45:52

Lowest Channel / 16QAM

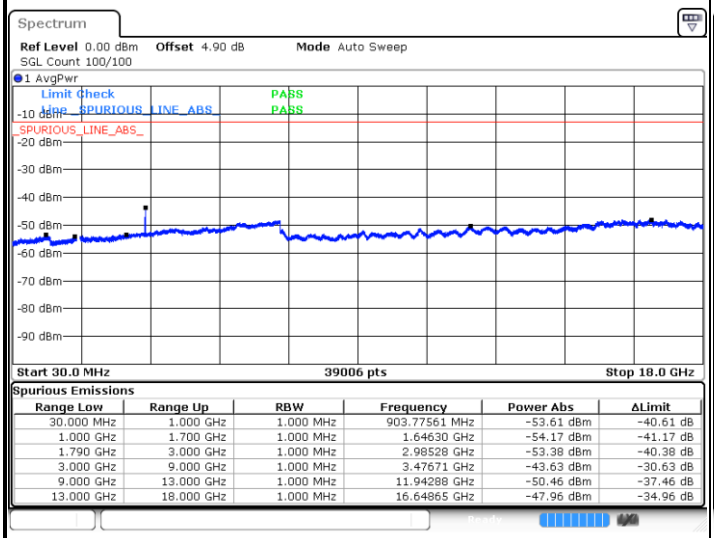


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.38531 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-43.33 dBm	-30.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96956 GHz	-52.97 dBm	-39.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-40.01 dBm	-27.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35933 GHz	-50.37 dBm	-37.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59533 GHz	-47.84 dBm	-34.84 dB

Date: 8.APR.2019 16:44:15

Middle Channel / QPSK

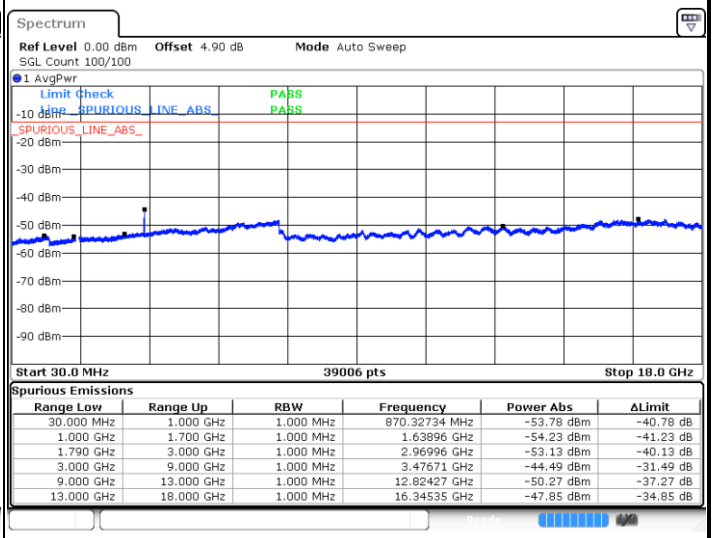


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64630 GHz	-54.17 dBm	-41.17 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98528 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-43.63 dBm	-30.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94288 GHz	-50.46 dBm	-37.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.64865 GHz	-47.96 dBm	-34.96 dB

Date: 8.APR.2019 16:46:40

Middle Channel / 16QAM



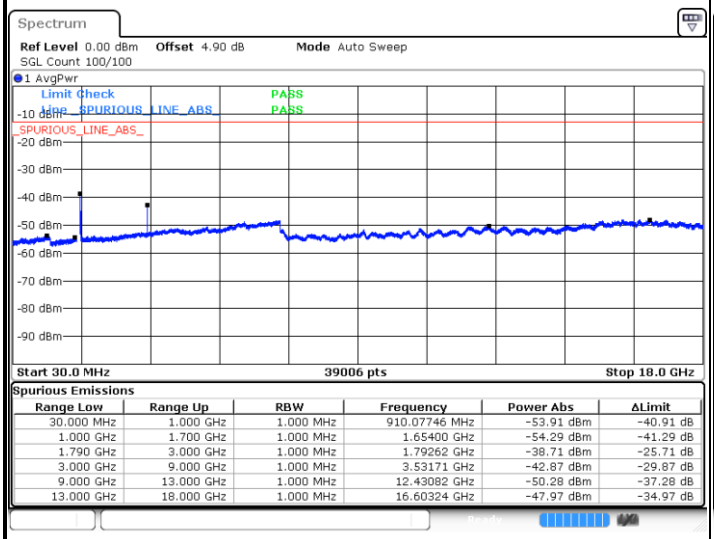
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.32734 MHz	-53.78 dBm	-40.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63896 GHz	-54.23 dBm	-41.23 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96996 GHz	-53.13 dBm	-40.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-44.49 dBm	-31.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82427 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34535 GHz	-47.85 dBm	-34.85 dB

Date: 8.APR.2019 16:47:23

LTE Band 66 / 15MHz

Highest Channel / QPSK

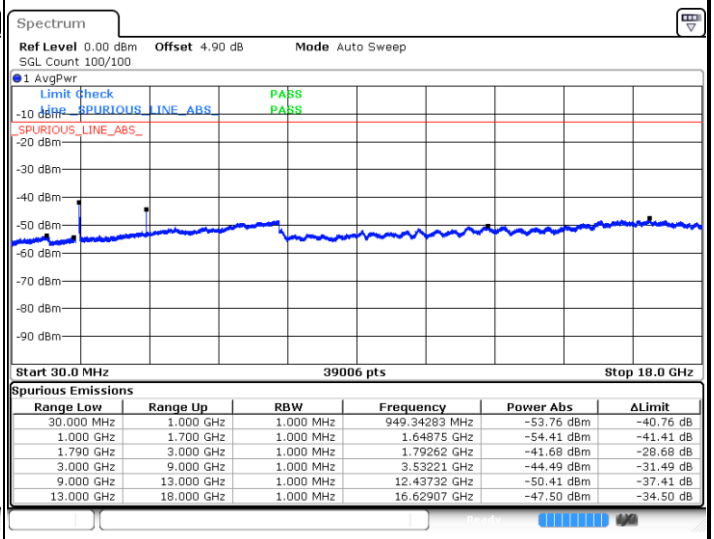


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65400 GHz	-54.29 dBm	-41.29 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-38.71 dBm	-25.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53171 GHz	-42.87 dBm	-29.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43082 GHz	-50.28 dBm	-37.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60324 GHz	-47.97 dBm	-34.97 dB

Date: 8.APR.2019 16:54:27

Highest Channel / 16QAM



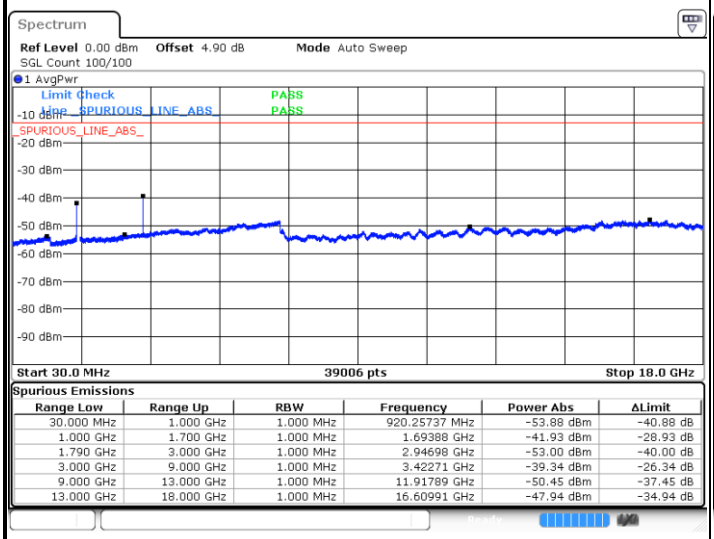
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-53.76 dBm	-40.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64875 GHz	-54.41 dBm	-41.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-41.68 dBm	-28.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53221 GHz	-44.49 dBm	-31.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43732 GHz	-50.41 dBm	-37.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62907 GHz	-47.50 dBm	-34.50 dB

Date: 8.APR.2019 16:53:54

LTE Band 66 / 20MHz

Lowest Channel / QPSK

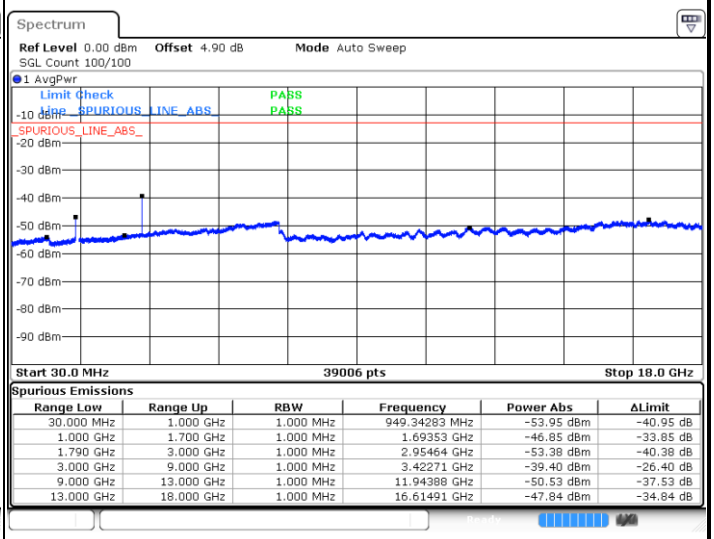


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-41.93 dBm	-28.93 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94698 GHz	-53.00 dBm	-40.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-39.34 dBm	-26.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91789 GHz	-50.45 dBm	-37.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60991 GHz	-47.94 dBm	-34.94 dB

Date: 8.APR.2019 17:03:13

Lowest Channel / 16QAM



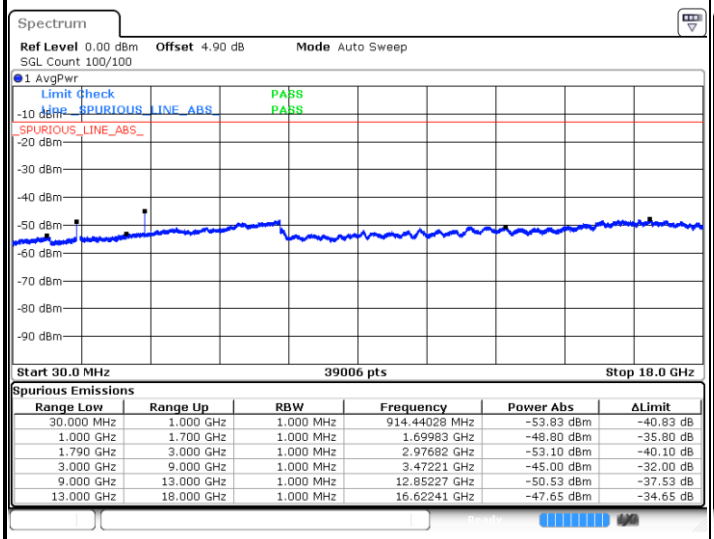
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-46.85 dBm	-33.85 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95464 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-39.40 dBm	-26.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94388 GHz	-50.53 dBm	-37.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61491 GHz	-47.84 dBm	-34.84 dB

Date: 8.APR.2019 17:01:40

LTE Band 66 / 20MHz

Middle Channel / QPSK

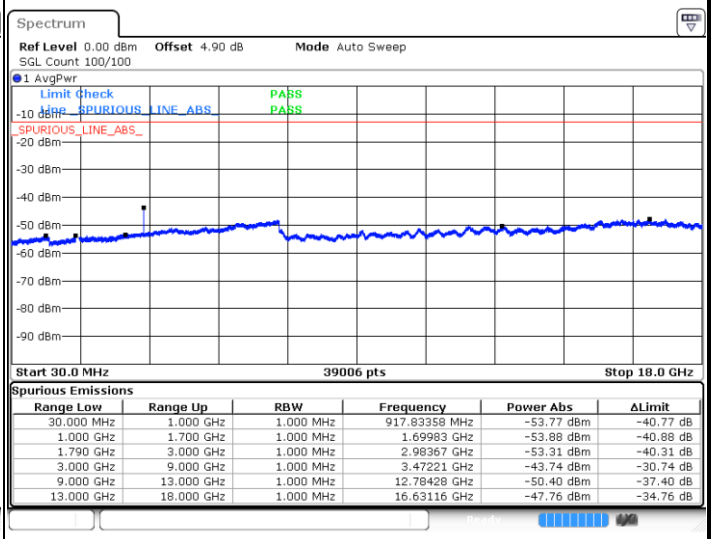


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.80 dBm	-35.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97682 GHz	-53.10 dBm	-40.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-45.00 dBm	-32.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85227 GHz	-50.53 dBm	-37.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62241 GHz	-47.65 dBm	-34.65 dB

Date: 8.APR.2019 17:04:10

Middle Channel / 16QAM

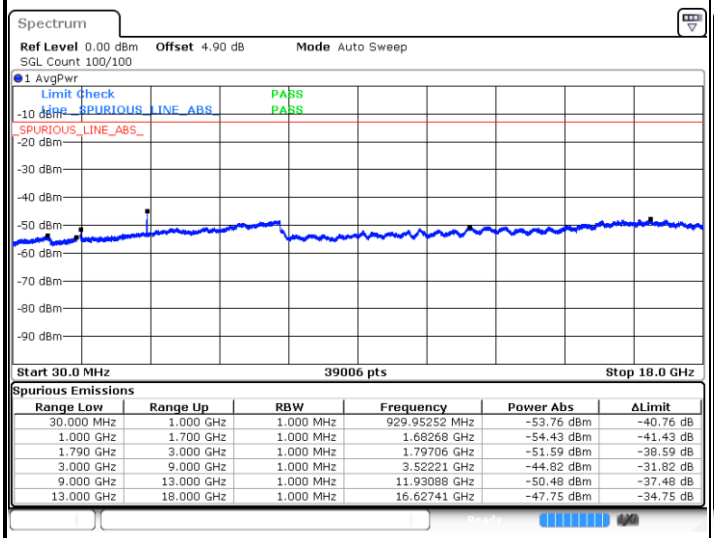


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.88 dBm	-40.88 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98367 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-43.74 dBm	-30.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.78428 GHz	-50.40 dBm	-37.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63116 GHz	-47.76 dBm	-34.76 dB

Date: 8.APR.2019 17:05:00

Highest Channel / QPSK

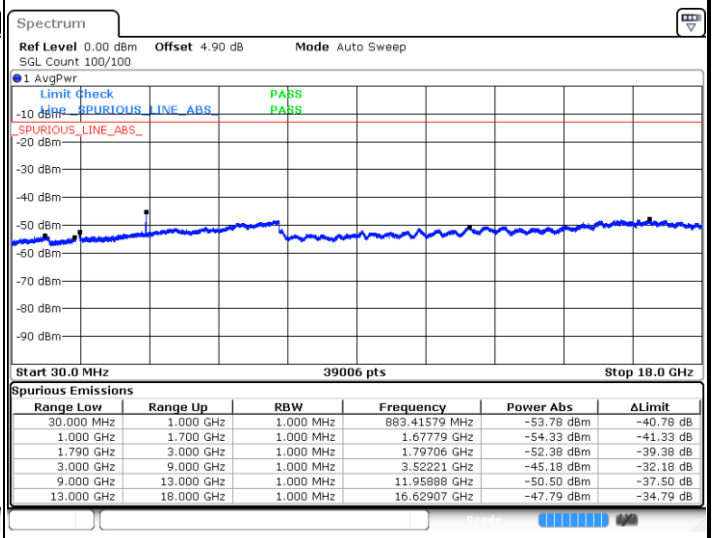


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-53.76 dBm	-40.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-54.43 dBm	-41.43 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-51.59 dBm	-38.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-44.82 dBm	-31.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93088 GHz	-50.48 dBm	-37.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62741 GHz	-47.75 dBm	-34.75 dB

Date: 8.APR.2019 17:18:04

Highest Channel / 16QAM



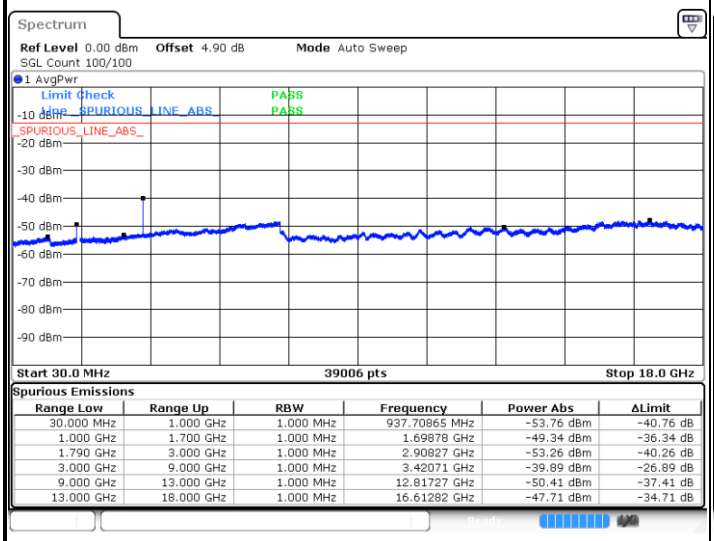
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-53.78 dBm	-40.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67779 GHz	-54.33 dBm	-41.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-52.38 dBm	-39.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-45.18 dBm	-32.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95888 GHz	-50.50 dBm	-37.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62907 GHz	-47.79 dBm	-34.79 dB

Date: 8.APR.2019 17:17:12

LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

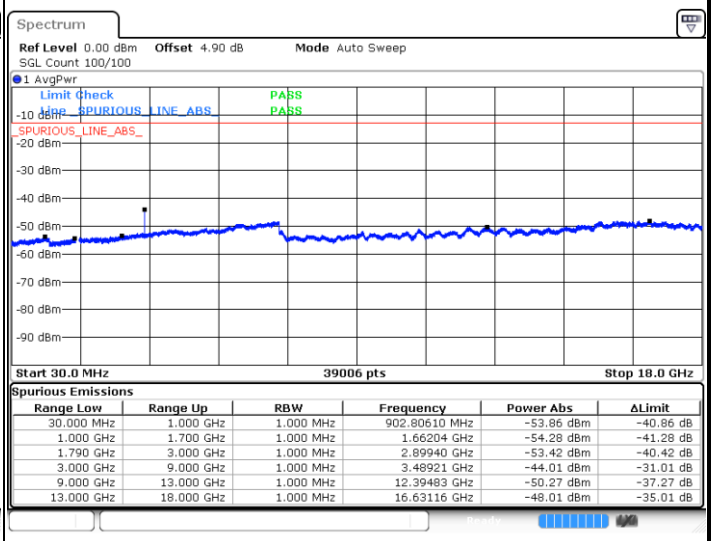


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-53.76 dBm	-40.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-49.34 dBm	-36.34 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.90827 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-39.89 dBm	-26.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81727 GHz	-50.41 dBm	-37.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61282 GHz	-47.71 dBm	-34.71 dB

Date: 8.APR.2019 15:12:24

Middle Channel / 64QAM

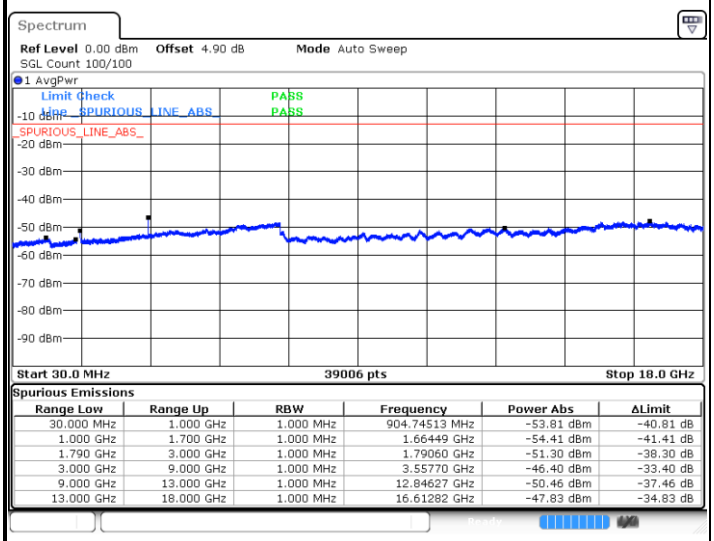


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.86 dBm	-40.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66204 GHz	-54.28 dBm	-41.28 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.89940 GHz	-53.42 dBm	-40.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48921 GHz	-44.01 dBm	-31.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39483 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63116 GHz	-48.01 dBm	-35.01 dB

Date: 8.APR.2019 15:13:42

Highest Channel / 64QAM



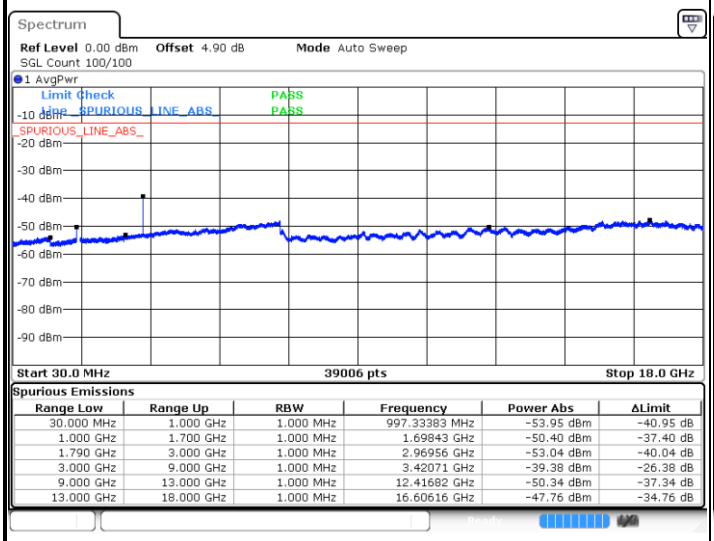
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-53.81 dBm	-40.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66449 GHz	-54.41 dBm	-41.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79060 GHz	-51.30 dBm	-38.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55770 GHz	-46.40 dBm	-33.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84627 GHz	-50.46 dBm	-37.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61282 GHz	-47.83 dBm	-34.83 dB

Date: 8.APR.2019 15:33:11

LTE Band 66 / 3MHz

Lowest Channel / 64QAM

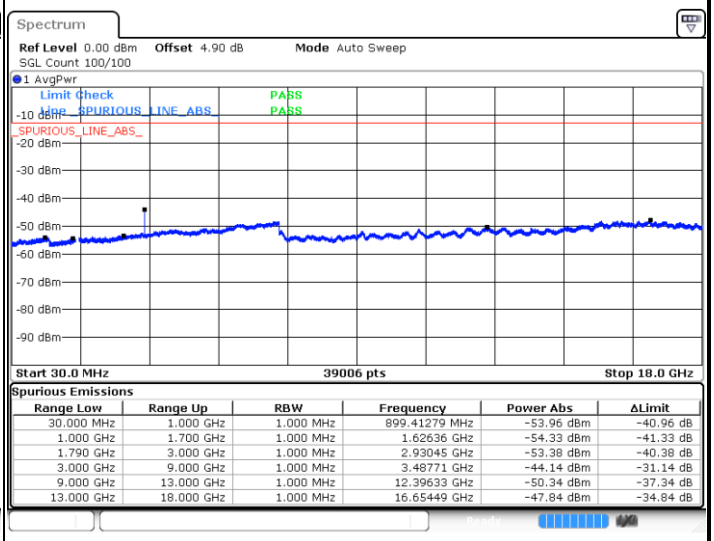


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-50.40 dBm	-37.40 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96956 GHz	-53.04 dBm	-40.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-39.38 dBm	-26.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41682 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60616 GHz	-47.76 dBm	-34.76 dB

Date: 8.APR.2019 15:44:08

Middle Channel / 64QAM

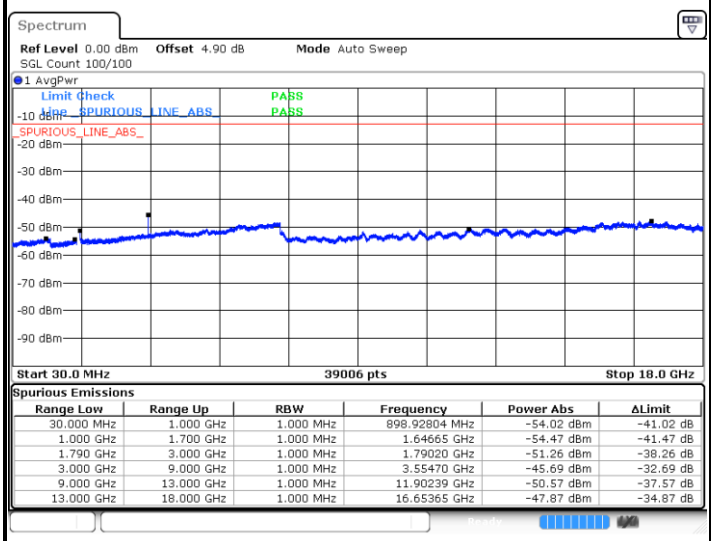


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62636 GHz	-54.33 dBm	-41.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.93045 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48771 GHz	-44.14 dBm	-31.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39633 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.65449 GHz	-47.84 dBm	-34.84 dB

Date: 8.APR.2019 15:45:09

Highest Channel / 64QAM



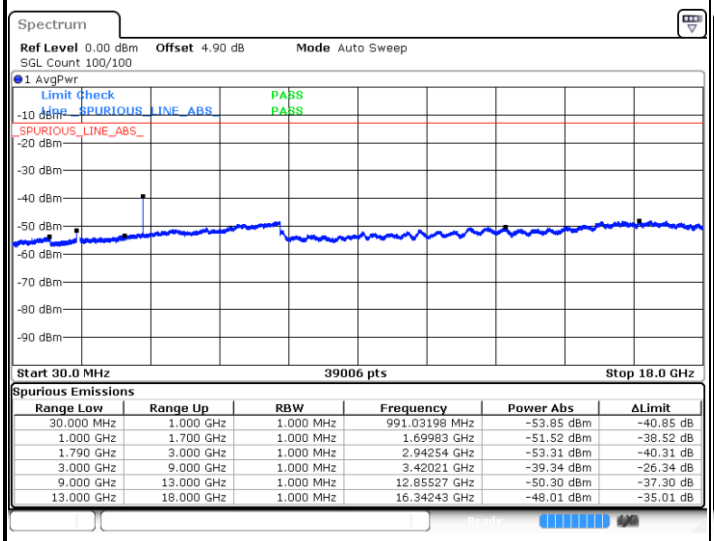
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64665 GHz	-54.47 dBm	-41.47 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-51.26 dBm	-38.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55470 GHz	-45.69 dBm	-32.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90239 GHz	-50.57 dBm	-37.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.65365 GHz	-47.87 dBm	-34.87 dB

Date: 8.APR.2019 15:52:07

LTE Band 66 / 5MHz

Lowest Channel / 64QAM

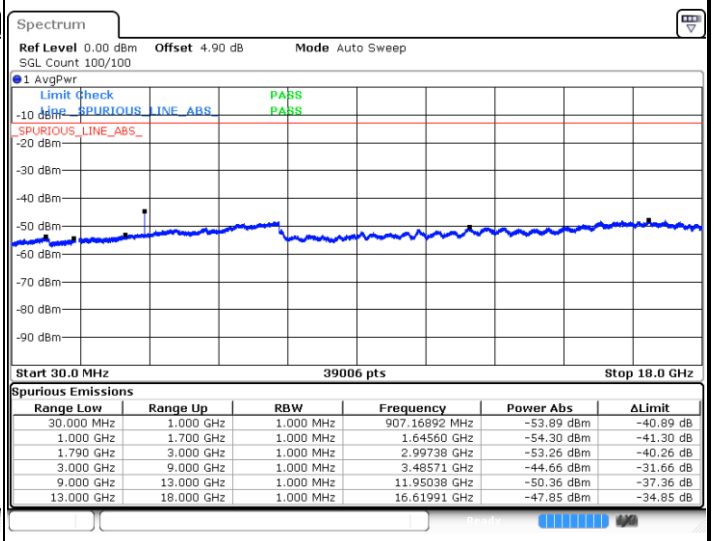


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-53.85 dBm	-40.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-51.52 dBm	-38.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94254 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-39.34 dBm	-26.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85527 GHz	-50.30 dBm	-37.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34243 GHz	-48.01 dBm	-35.01 dB

Date: 8.APR.2019 16:01:44

Middle Channel / 64QAM

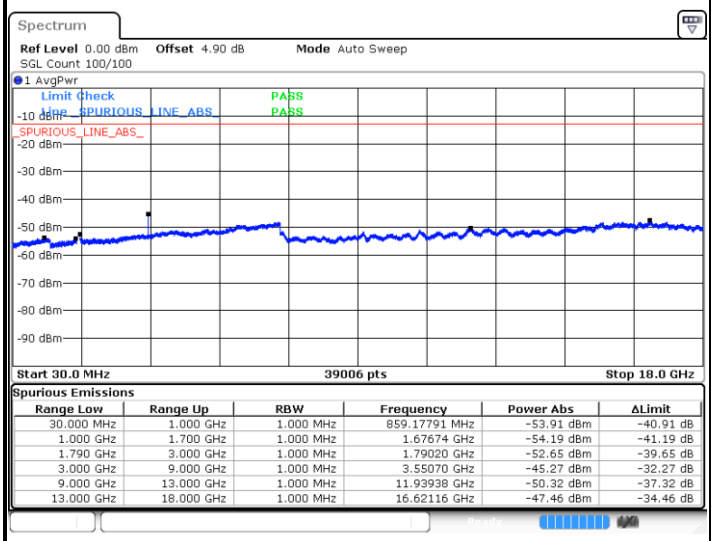


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64560 GHz	-54.30 dBm	-41.30 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99738 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-44.66 dBm	-31.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95038 GHz	-50.36 dBm	-37.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.61991 GHz	-47.85 dBm	-34.85 dB

Date: 8.APR.2019 16:02:30

Highest Channel / 64QAM



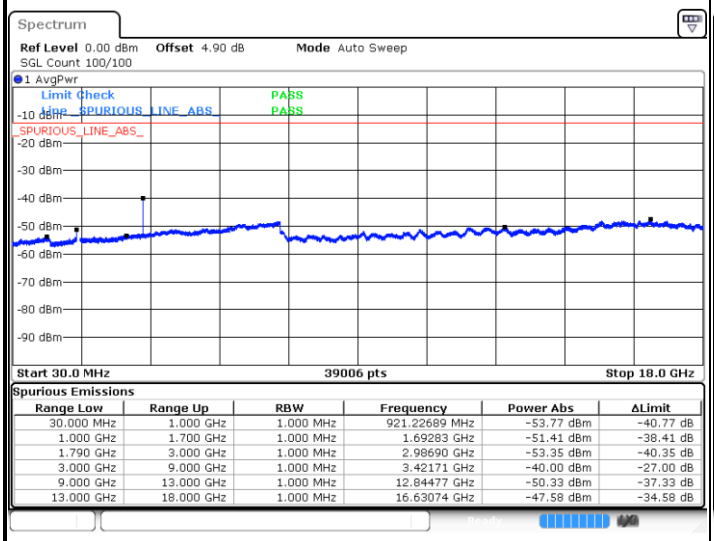
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67674 GHz	-54.19 dBm	-41.19 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79020 GHz	-52.65 dBm	-39.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-45.27 dBm	-32.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93938 GHz	-50.32 dBm	-37.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62116 GHz	-47.46 dBm	-34.46 dB

Date: 8.APR.2019 16:11:29

LTE Band 66 / 10MHz

Lowest Channel / 64QAM

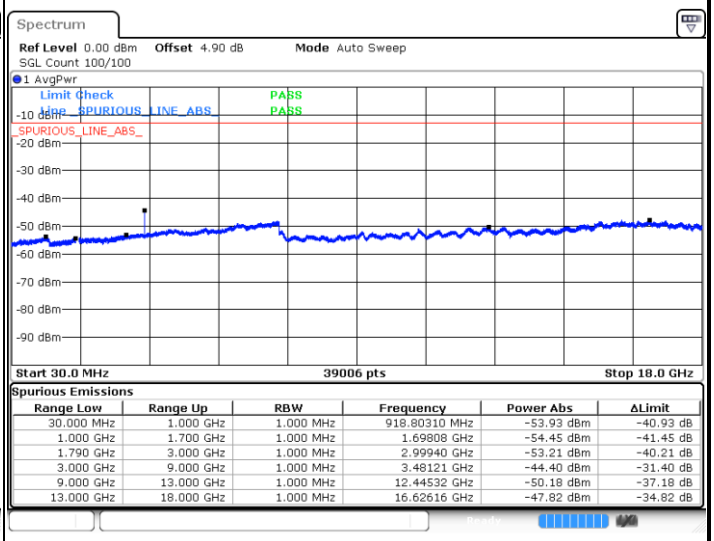


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-51.41 dBm	-38.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98690 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-40.00 dBm	-27.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84477 GHz	-50.33 dBm	-37.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63074 GHz	-47.58 dBm	-34.58 dB

Date: 8.APR.2019 16:17:28

Middle Channel / 64QAM

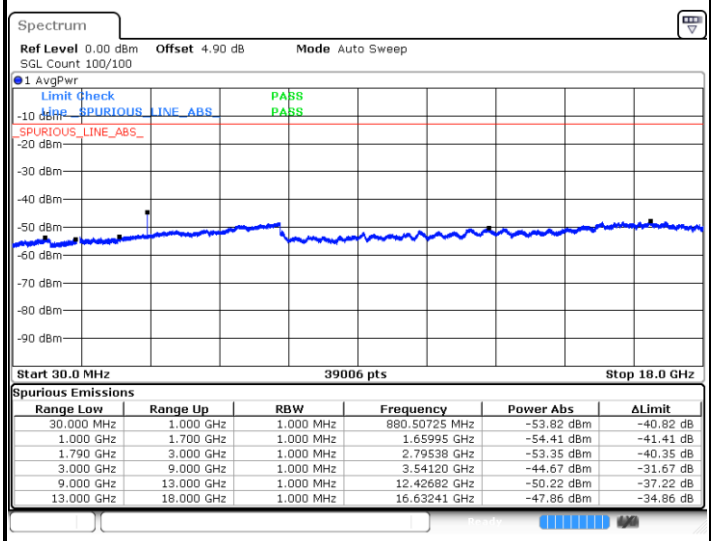


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-53.93 dBm	-40.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-54.45 dBm	-41.45 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99940 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-44.40 dBm	-31.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44532 GHz	-50.18 dBm	-37.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62616 GHz	-47.82 dBm	-34.82 dB

Date: 8.APR.2019 16:22:21

Highest Channel / 64QAM



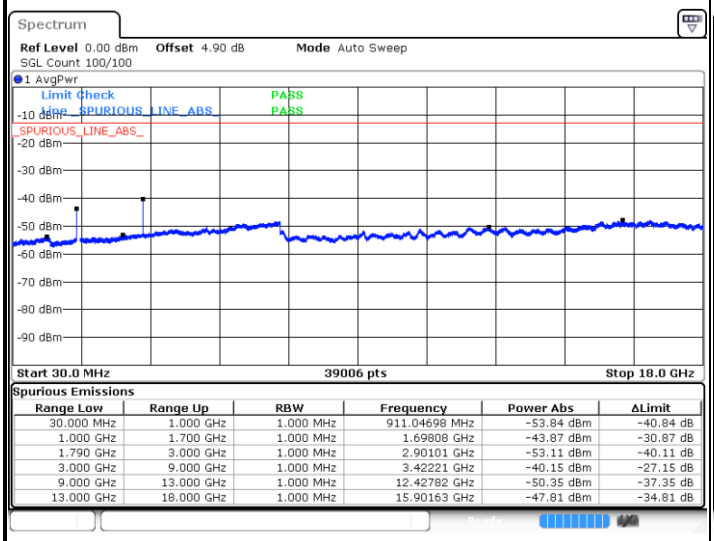
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-53.82 dBm	-40.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65995 GHz	-54.41 dBm	-41.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.79538 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-44.67 dBm	-31.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42682 GHz	-50.22 dBm	-37.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63241 GHz	-47.86 dBm	-34.86 dB

Date: 8.APR.2019 16:39:36

LTE Band 66 / 15MHz

Lowest Channel / 64QAM

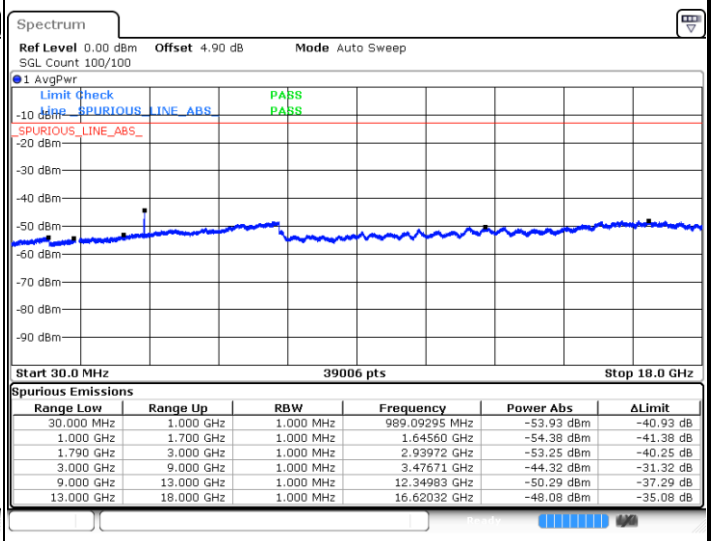


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-53.84 dBm	-40.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-43.87 dBm	-30.87 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.90101 GHz	-53.11 dBm	-40.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-40.15 dBm	-27.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42782 GHz	-50.35 dBm	-37.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90163 GHz	-47.81 dBm	-34.81 dB

Date: 8.APR.2019 16:43:30

Middle Channel / 64QAM

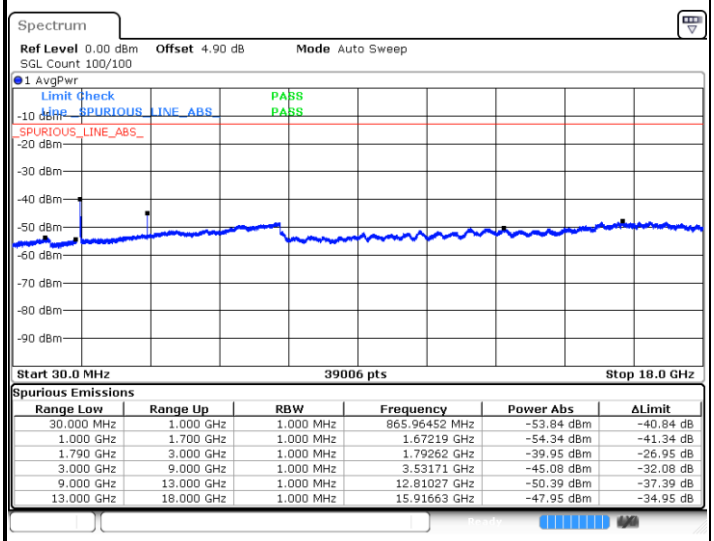


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-53.93 dBm	-40.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64560 GHz	-54.38 dBm	-41.38 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.93972 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47671 GHz	-44.32 dBm	-31.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34983 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.62032 GHz	-48.08 dBm	-35.08 dB

Date: 8.APR.2019 16:48:33

Highest Channel / 64QAM



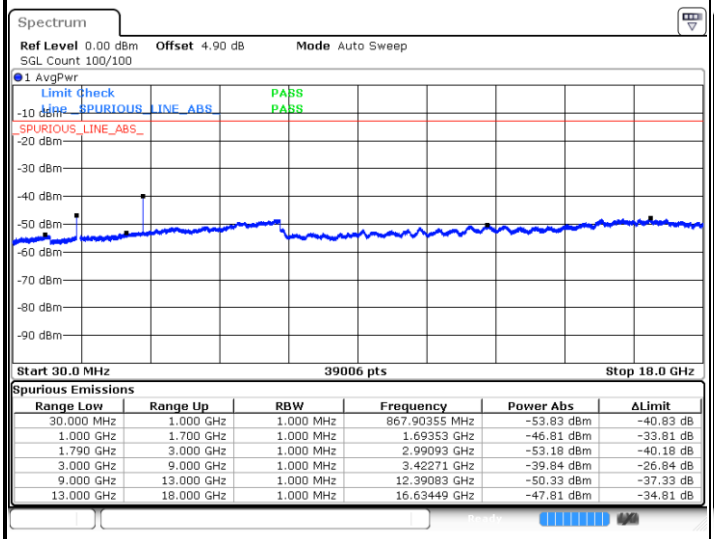
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-53.84 dBm	-40.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67219 GHz	-54.34 dBm	-41.34 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-39.95 dBm	-26.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53171 GHz	-45.08 dBm	-32.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81027 GHz	-50.39 dBm	-37.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91663 GHz	-47.95 dBm	-34.95 dB

Date: 8.APR.2019 16:53:07

LTE Band 66 / 20MHz

Lowest Channel / 64QAM

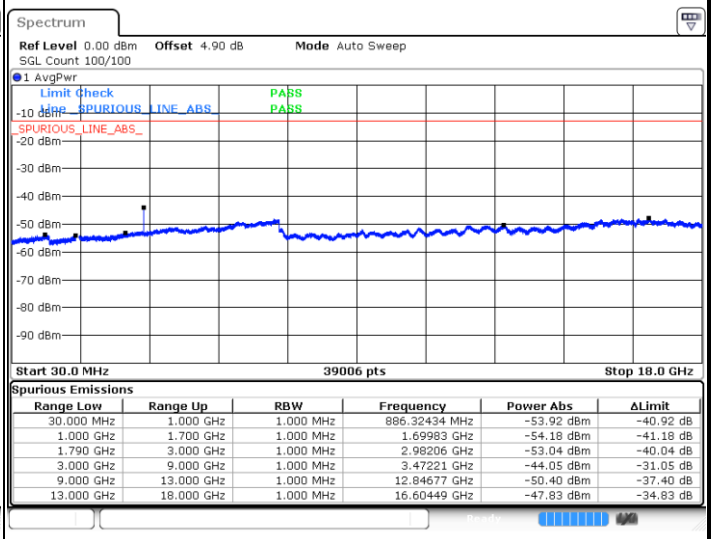


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-46.81 dBm	-33.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99093 GHz	-53.18 dBm	-40.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-39.84 dBm	-26.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39083 GHz	-50.33 dBm	-37.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63449 GHz	-47.81 dBm	-34.81 dB

Date: 8.APR.2019 17:00:42

Middle Channel / 64QAM

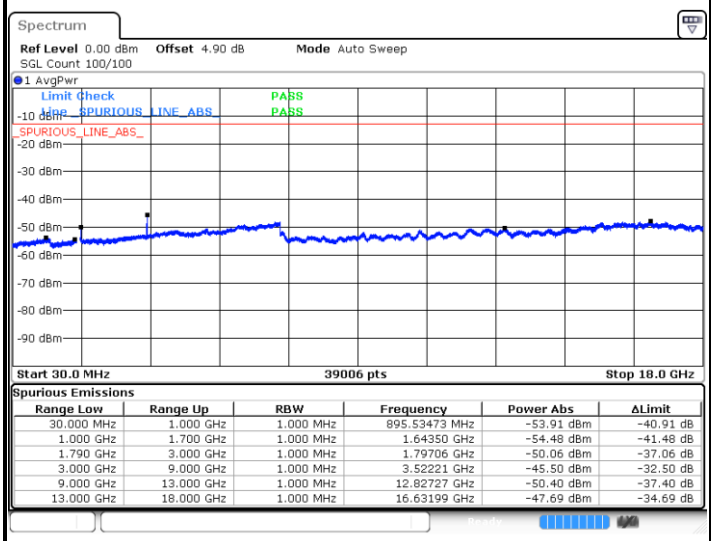


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.18 dBm	-41.18 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98206 GHz	-53.04 dBm	-40.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-44.05 dBm	-31.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84677 GHz	-50.40 dBm	-37.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60449 GHz	-47.83 dBm	-34.83 dB

Date: 8.APR.2019 17:05:57

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.53473 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64350 GHz	-54.48 dBm	-41.48 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79706 GHz	-50.06 dBm	-37.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52221 GHz	-45.50 dBm	-32.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82727 GHz	-50.40 dBm	-37.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.63199 GHz	-47.69 dBm	-34.69 dB

Date: 8.APR.2019 17:16:33

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0068	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0081	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0071	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0034	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0066	
30	Normal Voltage	0.0086	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0068	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0082	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0093	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0082	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
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	3741	-55.20	-13	-42.20	-67.46	2.641	14.90	H
	5613	-46.70	-13	-33.70	-58.56	2.94	14.80	H
	7482	-52.51	-13	-39.51	-62.28	3.39	13.16	H
	3741	-54.27	-13	-41.27	-66.53	2.64	14.90	V
	5613	-50.15	-13	-37.15	-62.01	2.94	14.80	V
	7482	-51.92	-13	-38.92	-61.69	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK								
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	1666	-61.84	-13	-48.84	-65.08	1.11	6.50	H
	2498	-58.66	-13	-45.66	-61.28	1.43	6.20	H
	3330	-59.77	-13	-46.77	-64.21	1.71	8.30	H
	1666	-61.54	-13	-48.54	-64.78	1.11	6.50	V
	2498	-56.34	-13	-43.34	-58.96	1.43	6.20	V
	3330	-59.53	-13	-46.53	-63.97	1.71	8.30	V

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

LTE Band 7 / 20MHz / QPSK								
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	-59.38	-25	-34.38	-69.59	3.03	13.24	H
	7576	-57.12	-25	-32.12	-66.57	3.56	13.01	H
	10104	-58.50	-25	-33.50	-68.02	3.92	13.44	H
	5052	-58.64	-25	-33.64	-68.85	3.03	13.24	V
	7580	-50.29	-25	-25.29	-59.74	3.56	13.01	V
	10104	-58.78	-25	-33.78	-68.30	3.92	13.44	V

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

LTE Band 12 / 10MHz / QPSK								
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	1410	-58.40	-13	-45.40	-64.42	1.40	9.57	H
	2114	-45.01	-13	-32.01	-52.42	1.87	11.44	H
	2812	-63.29	-13	-50.29	-72.18	2.31	13.35	H
	1410	-60.75	-13	-47.75	-66.77	1.40	9.57	V
	2116	-52.01	-13	-39.01	-59.42	1.87	11.44	V
	2812	-63.53	-13	-50.53	-72.42	2.31	13.35	V

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

LTE Band 66 / 20MHz / QPSK								
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	-47.23	-13	-34.23	-57.97	2.604	13.34	H
	5208	-52.54	-13	-39.54	-63.05	3.011	13.52	H
	6942	-54.58	-13	-41.58	-64.78	3.271	13.47	H
	3471	-52.56	-13	-39.56	-63.30	2.604	13.34	V
	5208	-53.39	-13	-40.39	-63.90	3.011	13.52	V
	6942	-54.17	-13	-41.17	-64.37	3.271	13.47	V

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