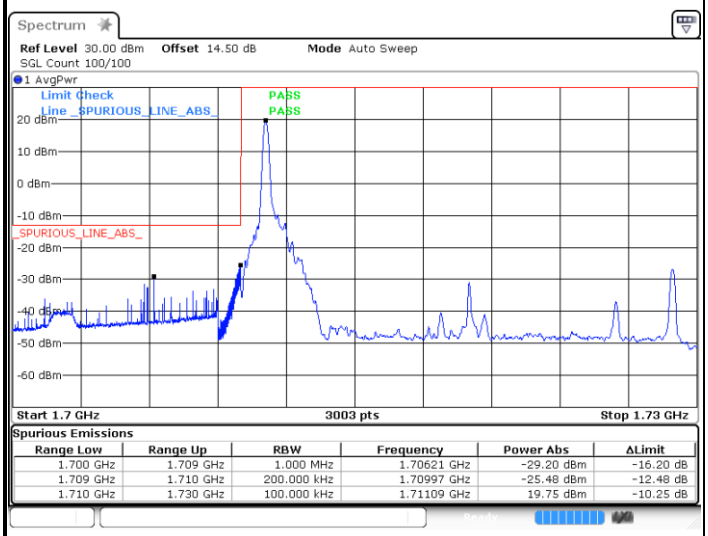
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

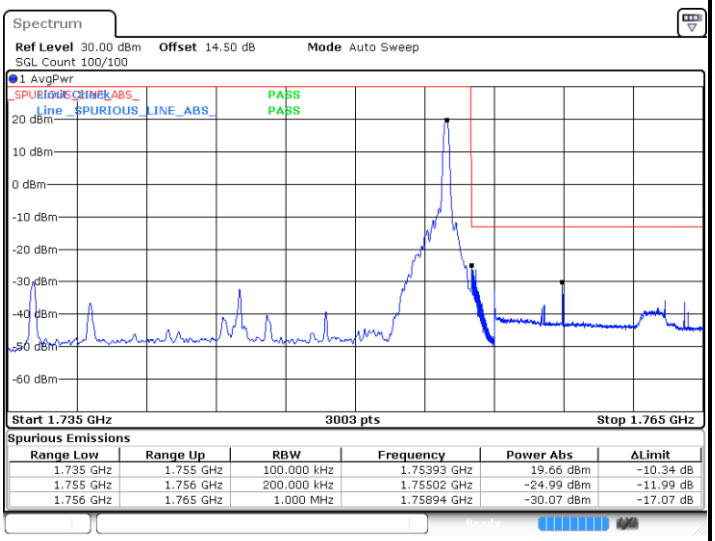


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70621 GHz	-29.20 dBm	-16.20 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-25.48 dBm	-12.48 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	19.75 dBm	-10.25 dB

Date: 9.MAR.2020 23:50:10

Highest Band Edge / 1 RB

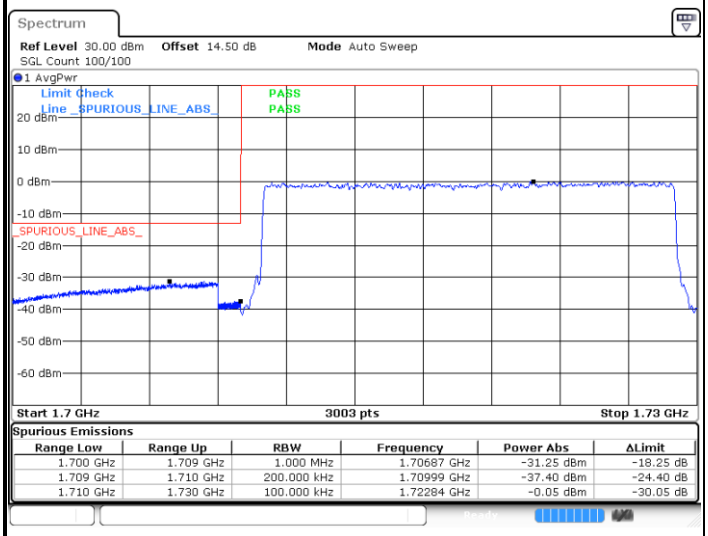


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	19.66 dBm	-10.34 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-24.99 dBm	-11.99 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75894 GHz	-30.07 dBm	-17.07 dB

Date: 10.MAR.2020 00:05:44

Lowest Band Edge / Full RB

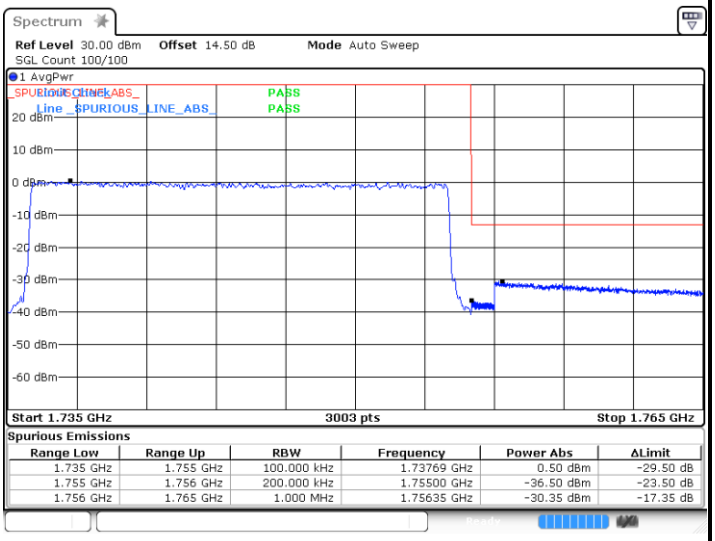


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70687 GHz	-31.25 dBm	-18.25 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-37.40 dBm	-24.40 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72284 GHz	-0.05 dBm	-30.05 dB

Date: 9.MAR.2020 22:17:07

Highest Band Edge / Full RB



Spurious Emissions

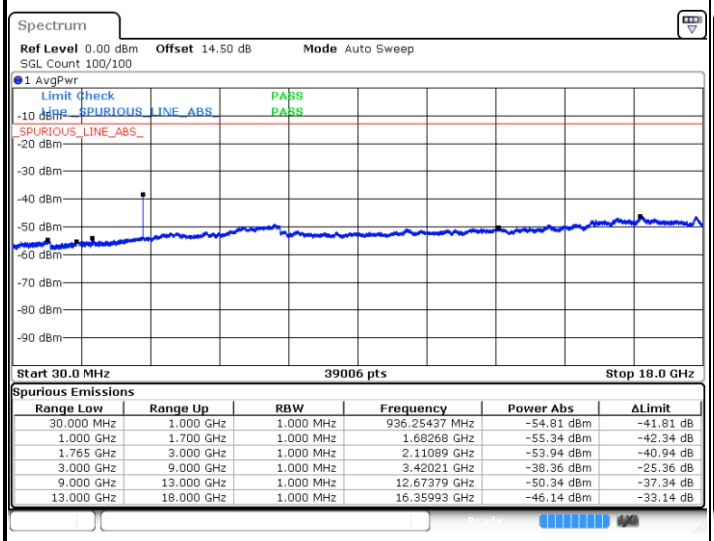
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73769 GHz	0.50 dBm	-29.50 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-36.50 dBm	-23.50 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75635 GHz	-30.35 dBm	-17.35 dB

Date: 10.MAR.2020 00:00:50

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

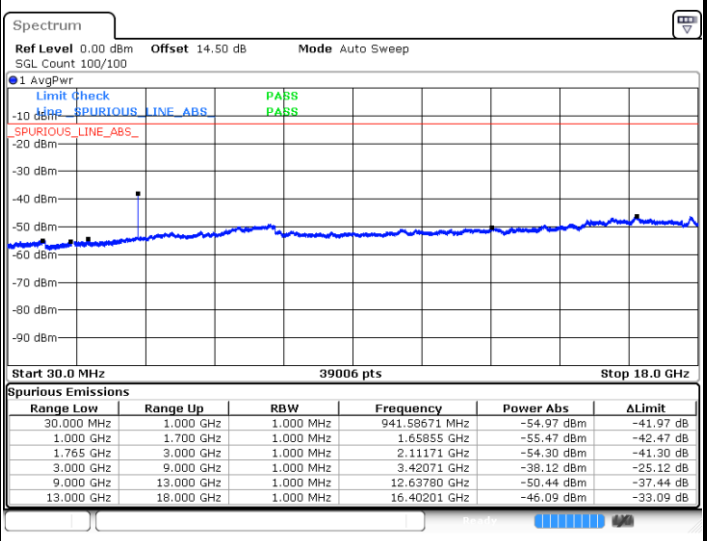


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11089 GHz	-53.94 dBm	-40.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-38.36 dBm	-25.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67379 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.35993 GHz	-46.14 dBm	-33.14 dB

Date: 9.MAR.2020 20:14:20

Lowest Channel / 16QAM

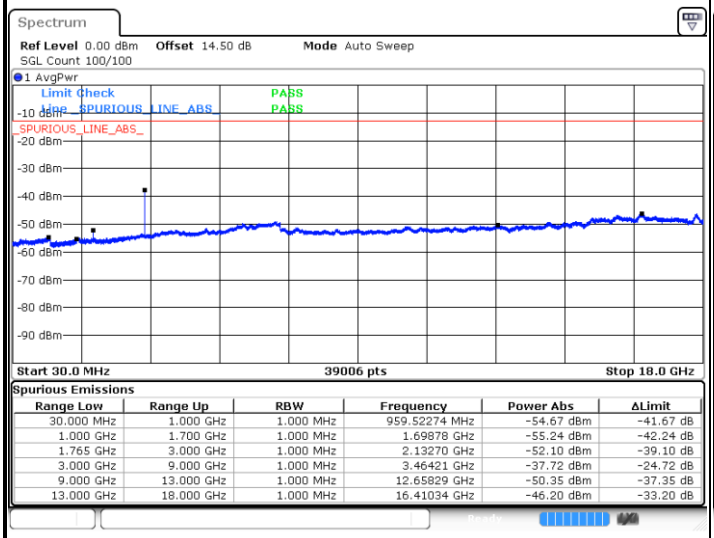


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65855 GHz	-55.47 dBm	-42.47 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11171 GHz	-54.30 dBm	-41.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-38.12 dBm	-25.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63780 GHz	-50.44 dBm	-37.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40201 GHz	-46.09 dBm	-33.09 dB

Date: 9.MAR.2020 20:16:36

Middle Channel / QPSK

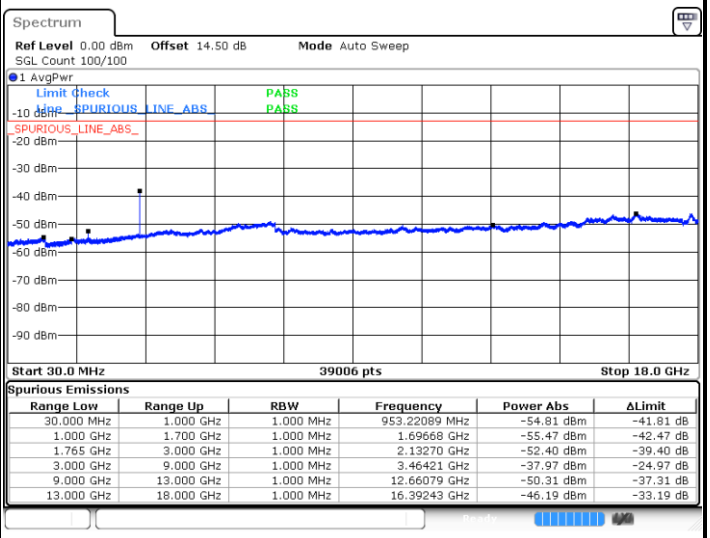


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-54.67 dBm	-41.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13270 GHz	-52.10 dBm	-39.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-37.72 dBm	-24.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65829 GHz	-50.35 dBm	-37.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41034 GHz	-46.20 dBm	-33.20 dB

Date: 9.MAR.2020 20:12:05

Middle Channel / 16QAM



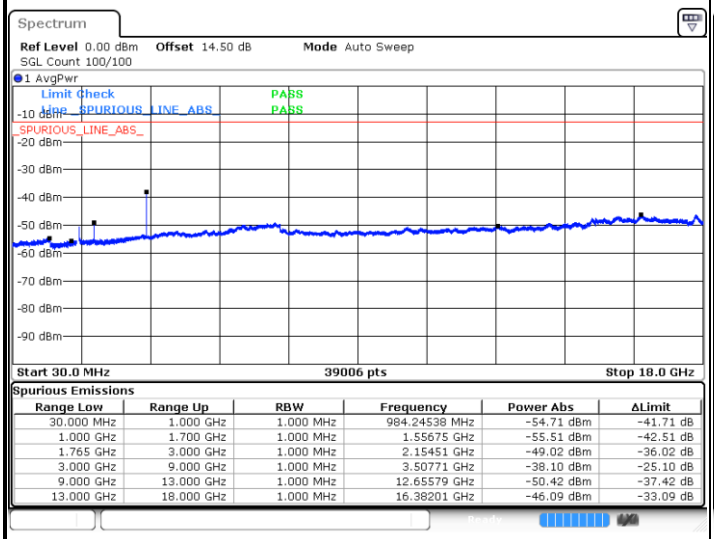
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-55.47 dBm	-42.47 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13270 GHz	-52.40 dBm	-39.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-37.97 dBm	-24.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66079 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39243 GHz	-46.19 dBm	-33.19 dB

Date: 9.MAR.2020 20:11:19

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

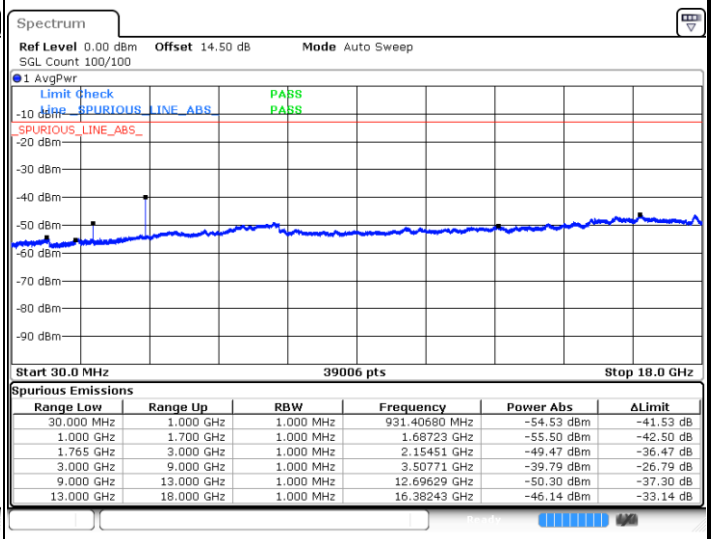


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55675 GHz	-55.51 dBm	-42.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15451 GHz	-49.02 dBm	-36.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-38.10 dBm	-25.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65579 GHz	-50.42 dBm	-37.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38201 GHz	-46.09 dBm	-33.09 dB

Date: 9.MAR.2020 20:28:53

Highest Channel / 16QAM



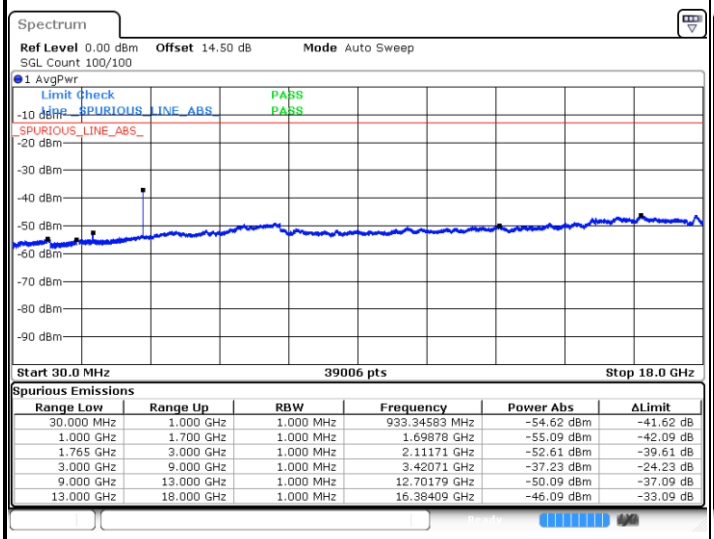
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-54.53 dBm	-41.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-55.50 dBm	-42.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15451 GHz	-49.47 dBm	-36.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-39.79 dBm	-26.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69629 GHz	-50.30 dBm	-37.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38243 GHz	-46.14 dBm	-33.14 dB

Date: 9.MAR.2020 20:28:07

LTE Band 4 / 3MHz

Lowest Channel / QPSK

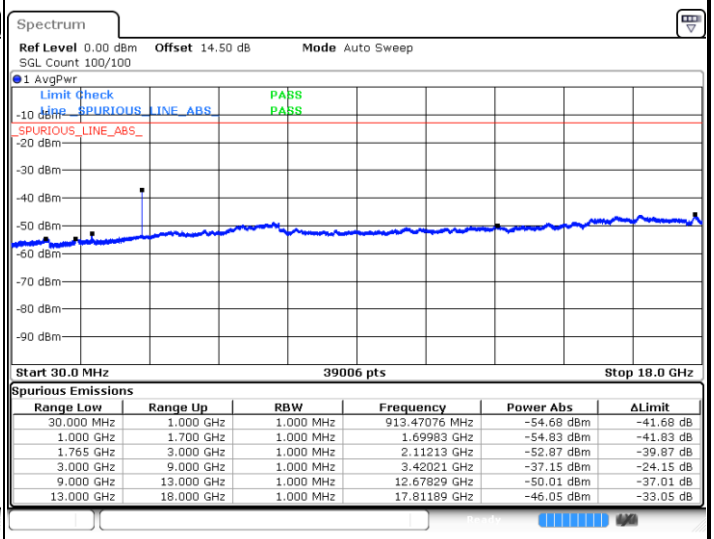


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-55.09 dBm	-42.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11171 GHz	-52.61 dBm	-39.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-37.23 dBm	-24.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70179 GHz	-50.09 dBm	-37.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38409 GHz	-46.09 dBm	-33.09 dB

Date: 9.MAR.2020 19:48:42

Lowest Channel / 16QAM



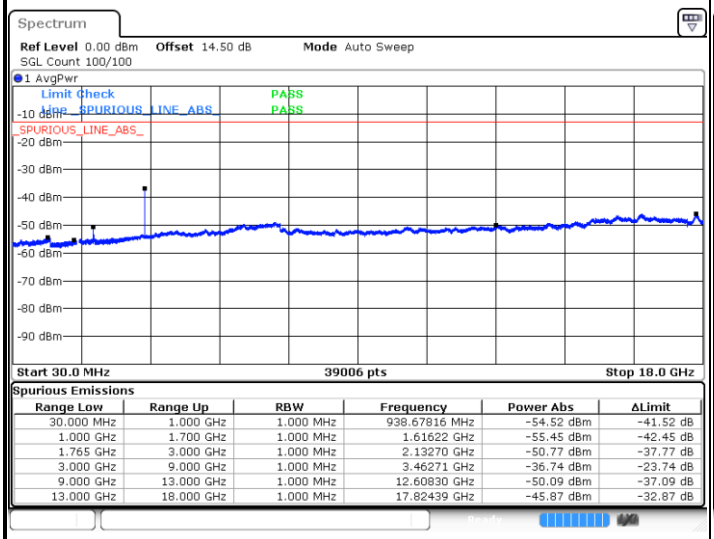
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-54.68 dBm	-41.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.83 dBm	-41.83 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11213 GHz	-52.87 dBm	-39.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-37.15 dBm	-24.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67829 GHz	-50.01 dBm	-37.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.81189 GHz	-46.05 dBm	-33.05 dB

Date: 9.MAR.2020 19:45:49

LTE Band 4 / 3MHz

Middle Channel / QPSK

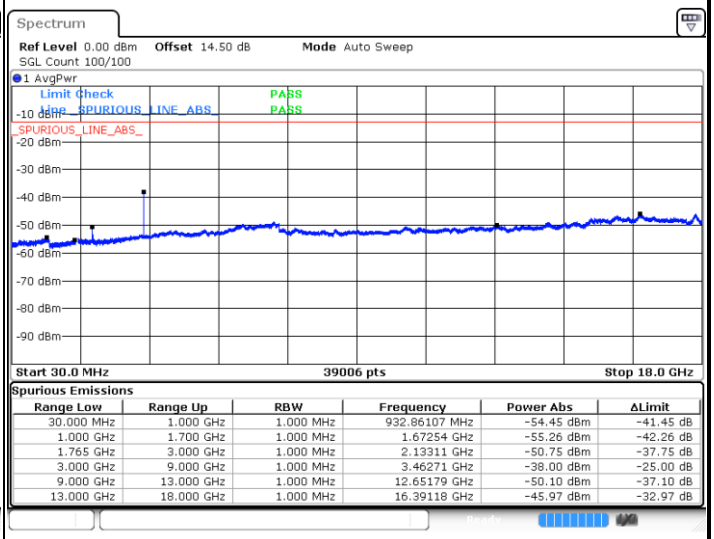


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-54.52 dBm	-41.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61622 GHz	-55.45 dBm	-42.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13270 GHz	-50.77 dBm	-37.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-36.74 dBm	-23.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.60830 GHz	-50.09 dBm	-37.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82439 GHz	-45.87 dBm	-32.87 dB

Date: 9.MAR.2020 19:49:55

Middle Channel / 16QAM

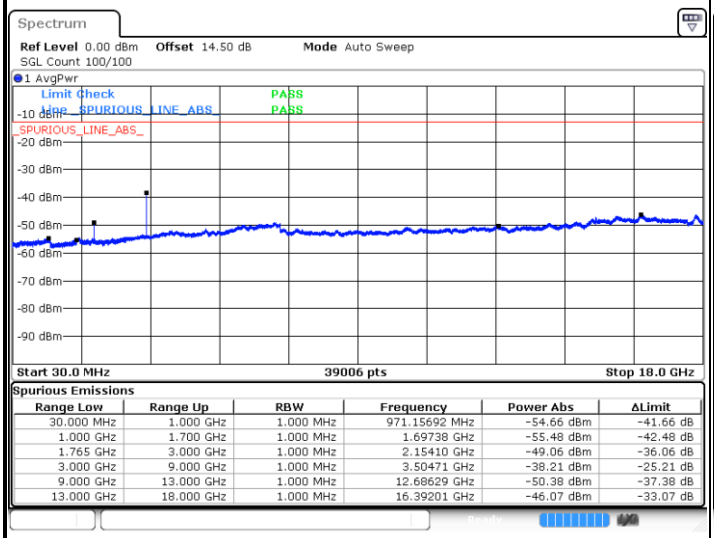


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-54.45 dBm	-41.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67254 GHz	-55.26 dBm	-42.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13311 GHz	-50.75 dBm	-37.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-38.00 dBm	-25.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65179 GHz	-50.10 dBm	-37.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39118 GHz	-45.97 dBm	-32.97 dB

Date: 9.MAR.2020 19:50:57

Highest Channel / QPSK

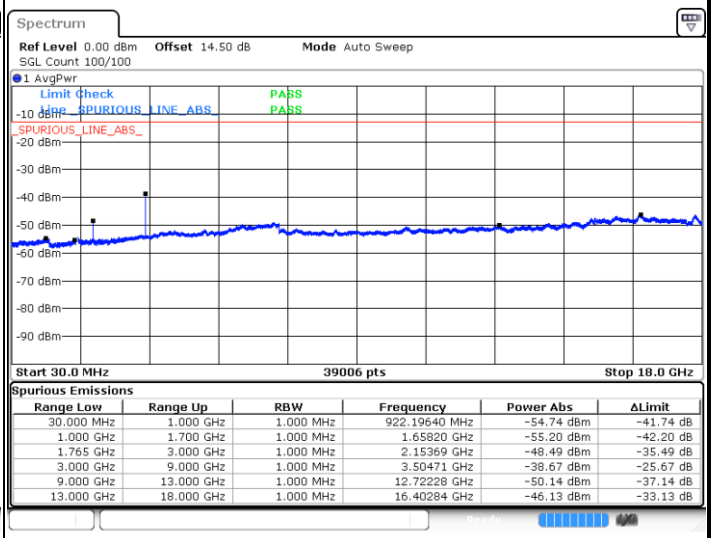


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-54.66 dBm	-41.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-55.48 dBm	-42.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15410 GHz	-49.06 dBm	-36.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-38.21 dBm	-25.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68629 GHz	-50.38 dBm	-37.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39201 GHz	-46.07 dBm	-33.07 dB

Date: 9.MAR.2020 19:59:02

Highest Channel / 16QAM



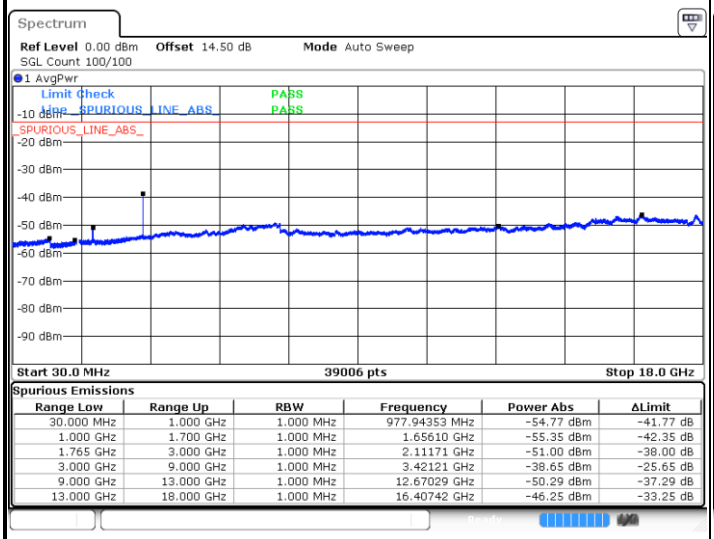
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65820 GHz	-55.20 dBm	-42.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15369 GHz	-48.49 dBm	-35.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-38.67 dBm	-25.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72228 GHz	-50.14 dBm	-37.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40284 GHz	-46.13 dBm	-33.13 dB

Date: 9.MAR.2020 19:58:18

LTE Band 4 / 5MHz

Lowest Channel / QPSK

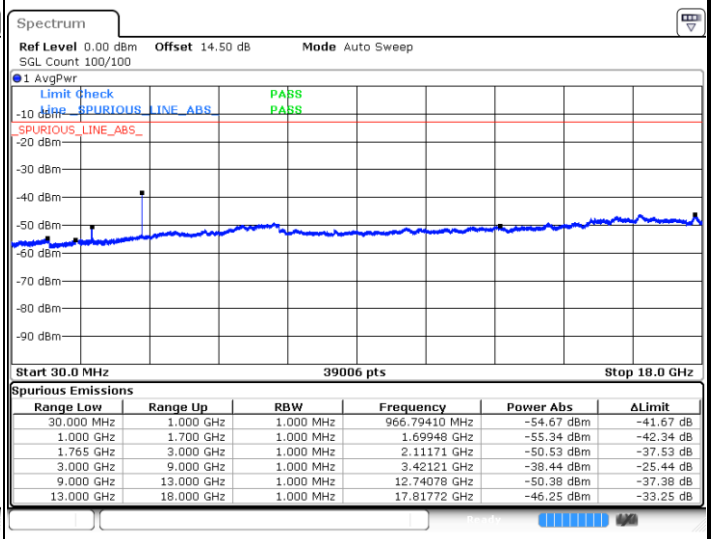


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-54.77 dBm	-41.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65610 GHz	-55.35 dBm	-42.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11171 GHz	-51.00 dBm	-38.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-38.65 dBm	-25.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67029 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40742 GHz	-46.25 dBm	-33.25 dB

Date: 9.MAR.2020 20:57:23

Lowest Channel / 16QAM

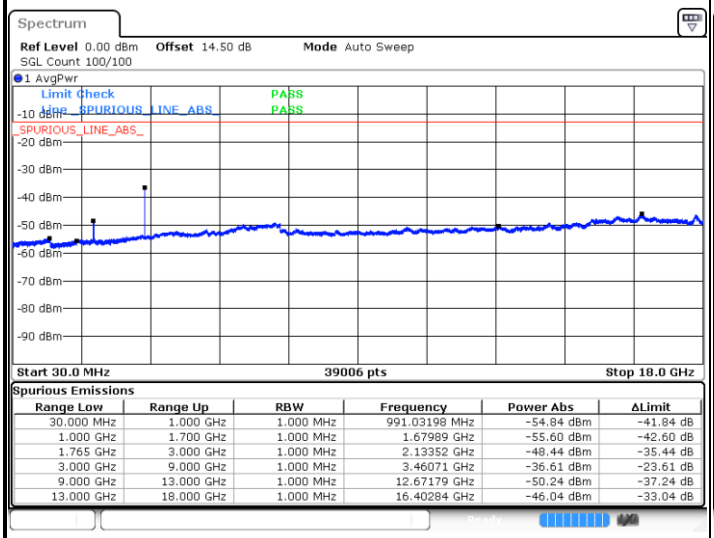


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-54.67 dBm	-41.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11171 GHz	-50.53 dBm	-37.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-38.44 dBm	-25.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74078 GHz	-50.38 dBm	-37.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.81772 GHz	-46.25 dBm	-33.25 dB

Date: 9.MAR.2020 20:58:30

Middle Channel / QPSK

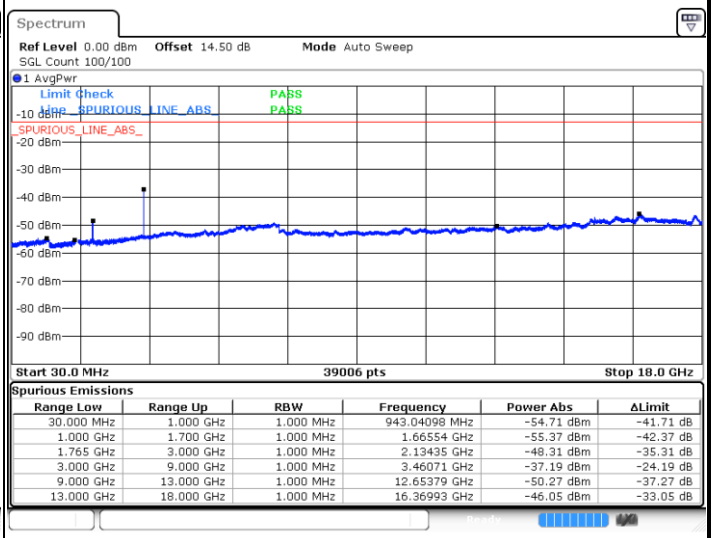


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-55.60 dBm	-42.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13352 GHz	-48.44 dBm	-35.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-36.61 dBm	-23.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67179 GHz	-50.24 dBm	-37.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40284 GHz	-46.04 dBm	-33.04 dB

Date: 9.MAR.2020 21:03:43

Middle Channel / 16QAM



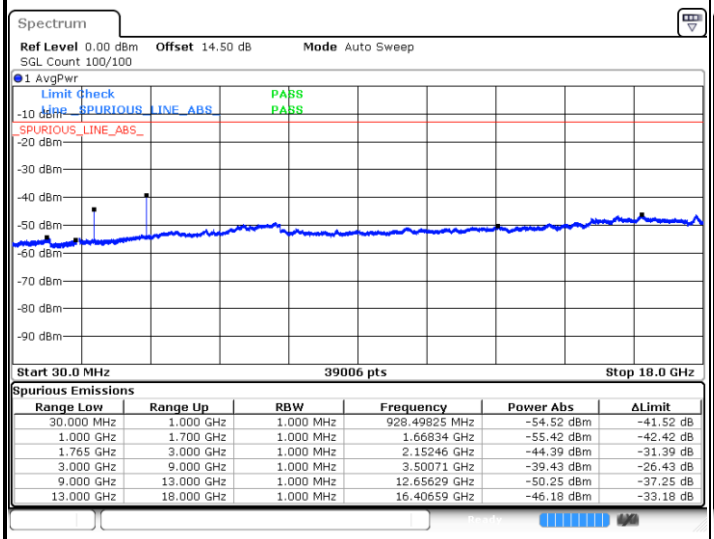
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66554 GHz	-55.37 dBm	-42.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13435 GHz	-48.31 dBm	-35.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-37.19 dBm	-24.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65379 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36993 GHz	-46.05 dBm	-33.05 dB

Date: 9.MAR.2020 21:02:46

LTE Band 4 / 5MHz

Highest Channel / QPSK

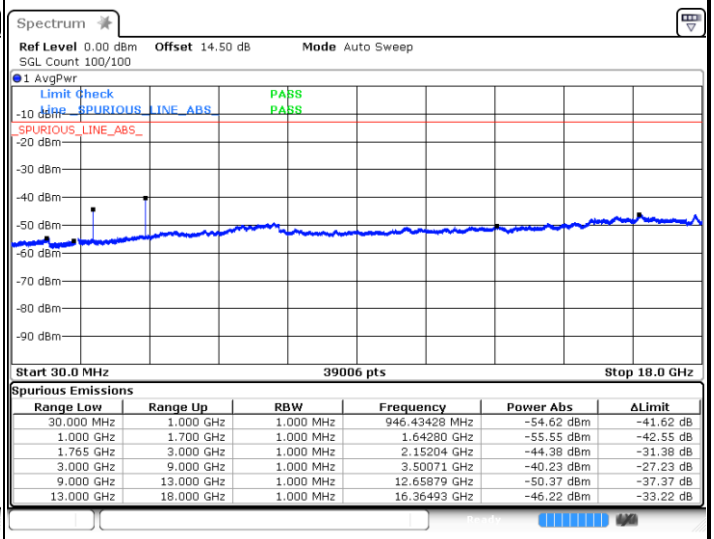


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-54.52 dBm	-41.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66834 GHz	-55.42 dBm	-42.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15246 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-39.43 dBm	-26.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65629 GHz	-50.25 dBm	-37.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40659 GHz	-46.18 dBm	-33.18 dB

Date: 9.MAR.2020 21:07:37

Highest Channel / 16QAM



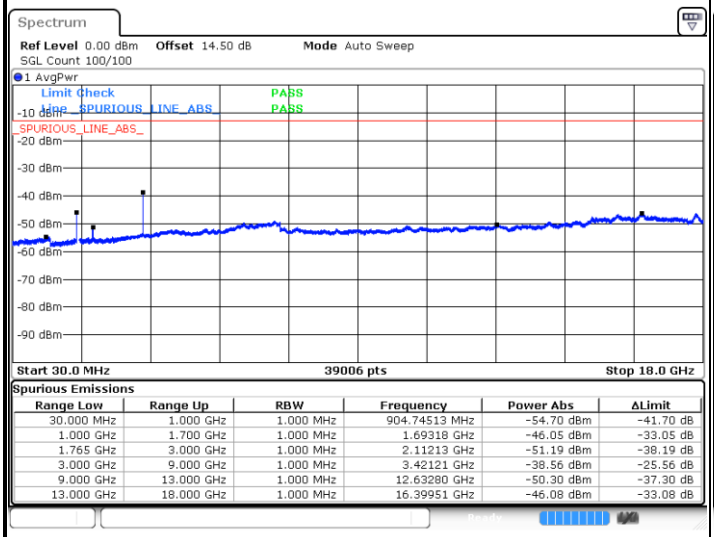
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64280 GHz	-55.55 dBm	-42.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15204 GHz	-44.38 dBm	-31.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-40.23 dBm	-27.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65879 GHz	-50.37 dBm	-37.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36493 GHz	-46.22 dBm	-33.22 dB

Date: 9.MAR.2020 21:08:24

LTE Band 4 / 10MHz

Lowest Channel / QPSK

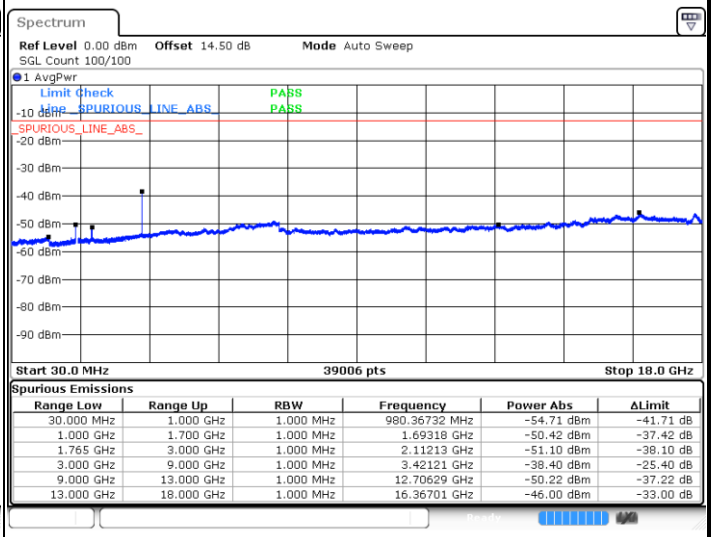


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-46.05 dBm	-33.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11213 GHz	-51.19 dBm	-38.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-38.56 dBm	-25.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.63280 GHz	-50.30 dBm	-37.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39951 GHz	-46.08 dBm	-33.08 dB

Date: 9.MAR.2020 21:34:03

Lowest Channel / 16QAM



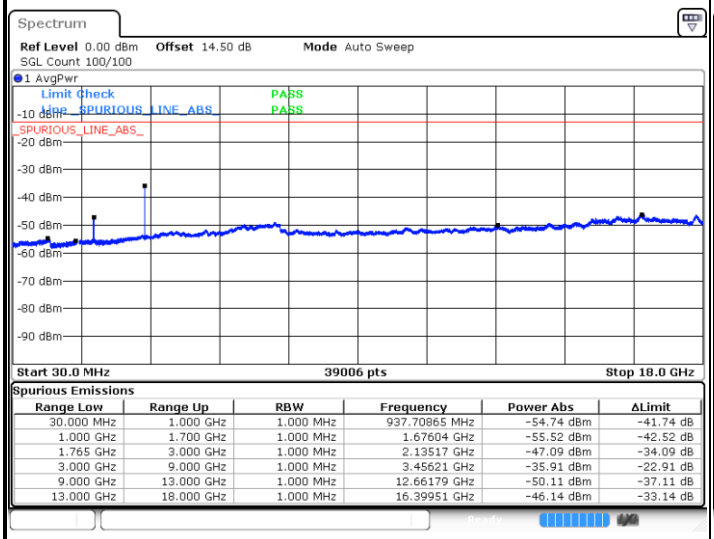
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-50.42 dBm	-37.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11213 GHz	-51.10 dBm	-38.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-38.40 dBm	-25.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-50.22 dBm	-37.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36701 GHz	-46.00 dBm	-33.00 dB

Date: 9.MAR.2020 21:32:24

LTE Band 4 / 10MHz

Middle Channel / QPSK

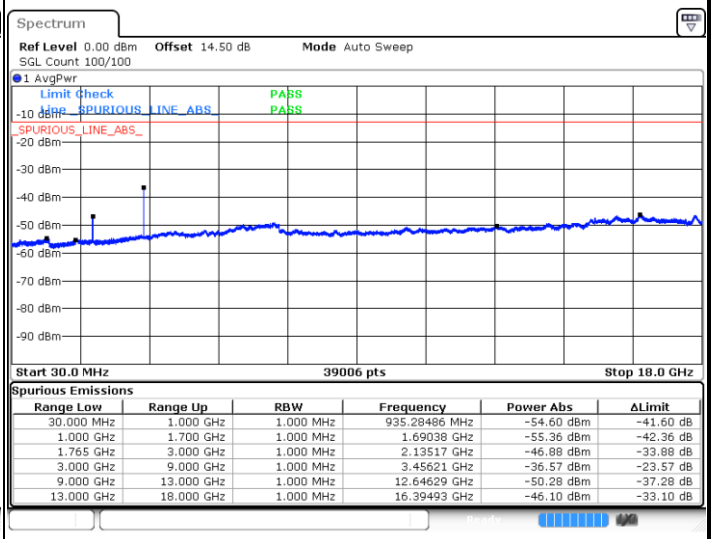


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67604 GHz	-55.52 dBm	-42.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13517 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-35.91 dBm	-22.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66179 GHz	-50.11 dBm	-37.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39951 GHz	-46.14 dBm	-33.14 dB

Date: 9.MAR.2020 21:35:00

Middle Channel / 16QAM

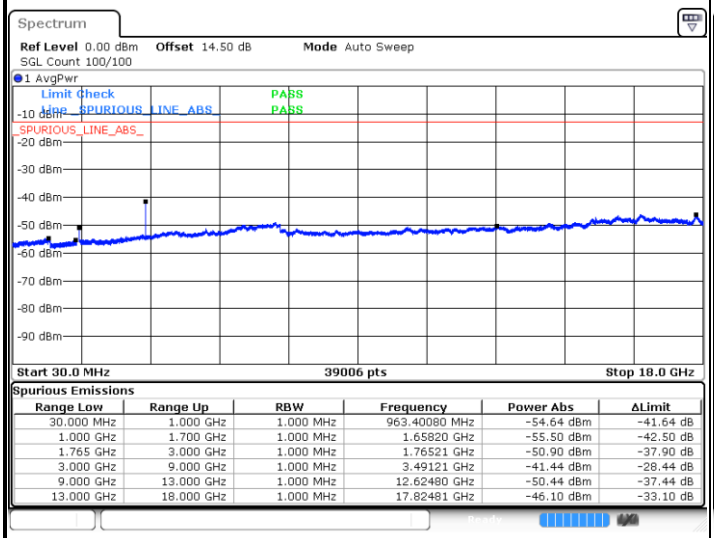


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-54.60 dBm	-41.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69038 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13517 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-36.57 dBm	-23.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64629 GHz	-50.28 dBm	-37.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39493 GHz	-46.10 dBm	-33.10 dB

Date: 9.MAR.2020 21:35:52

Highest Channel / QPSK

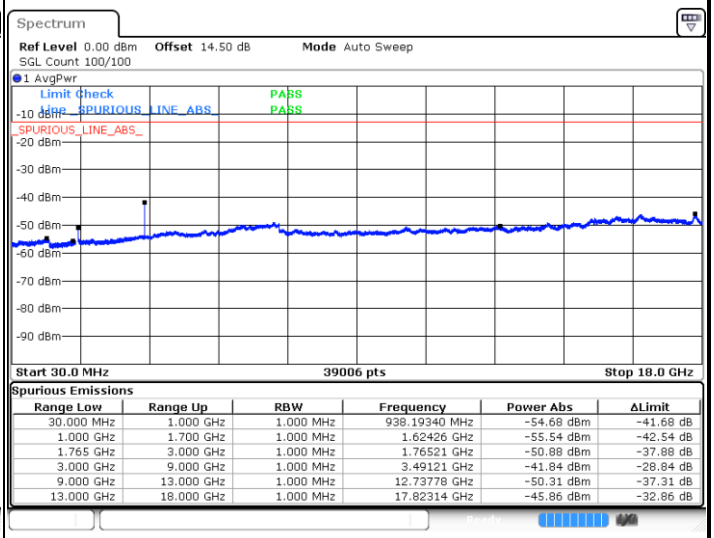


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-54.64 dBm	-41.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65820 GHz	-55.50 dBm	-42.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.90 dBm	-37.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.62480 GHz	-50.44 dBm	-37.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82481 GHz	-46.10 dBm	-33.10 dB

Date: 9.MAR.2020 21:53:42

Highest Channel / 16QAM



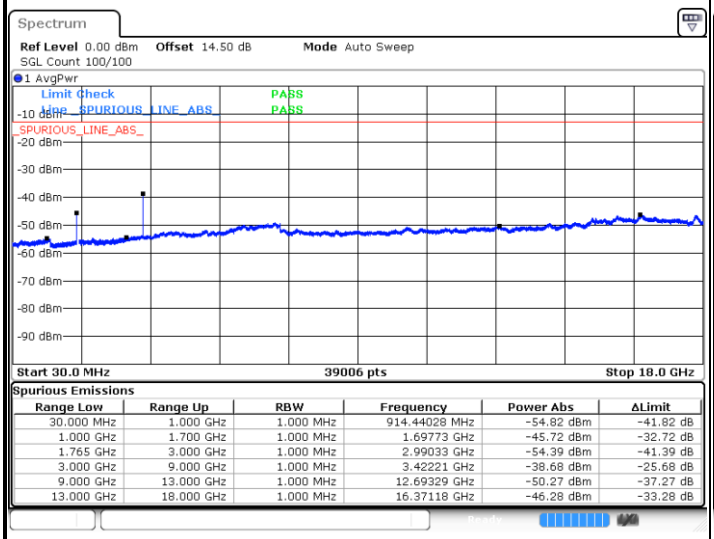
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-54.68 dBm	-41.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62426 GHz	-55.54 dBm	-42.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.88 dBm	-37.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-41.84 dBm	-28.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73778 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82314 GHz	-45.86 dBm	-32.86 dB

Date: 9.MAR.2020 21:52:56

LTE Band 4 / 15MHz

Lowest Channel / QPSK

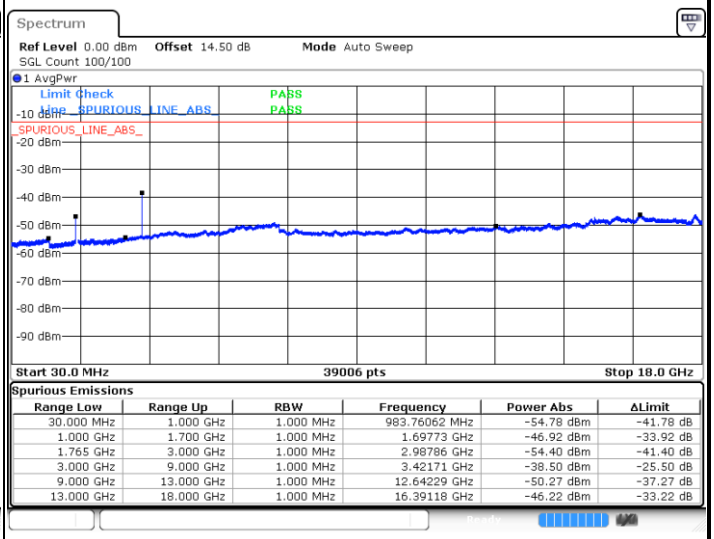


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-54.82 dBm	-41.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-45.72 dBm	-32.72 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99033 GHz	-54.39 dBm	-41.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-38.68 dBm	-25.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69329 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.37118 GHz	-46.28 dBm	-33.28 dB

Date: 9.MAR.2020 21:59:09

Lowest Channel / 16QAM

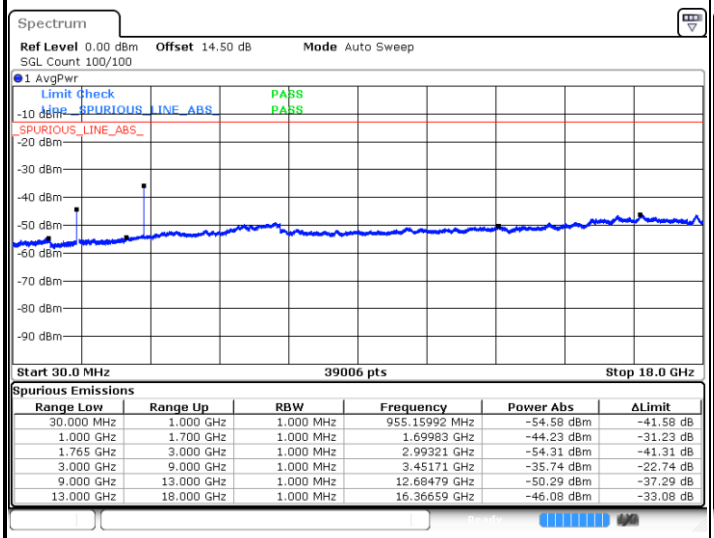


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-54.78 dBm	-41.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-46.92 dBm	-33.92 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98786 GHz	-54.40 dBm	-41.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-38.50 dBm	-25.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64229 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39118 GHz	-46.22 dBm	-33.22 dB

Date: 9.MAR.2020 22:00:05

Middle Channel / QPSK

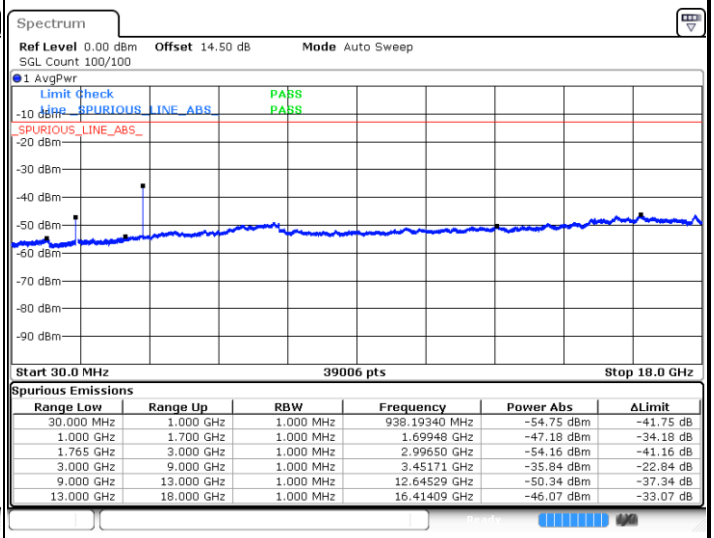


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-54.58 dBm	-41.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-44.23 dBm	-31.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-54.31 dBm	-41.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-35.74 dBm	-22.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68479 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36659 GHz	-46.08 dBm	-33.08 dB

Date: 9.MAR.2020 22:03:41

Middle Channel / 16QAM



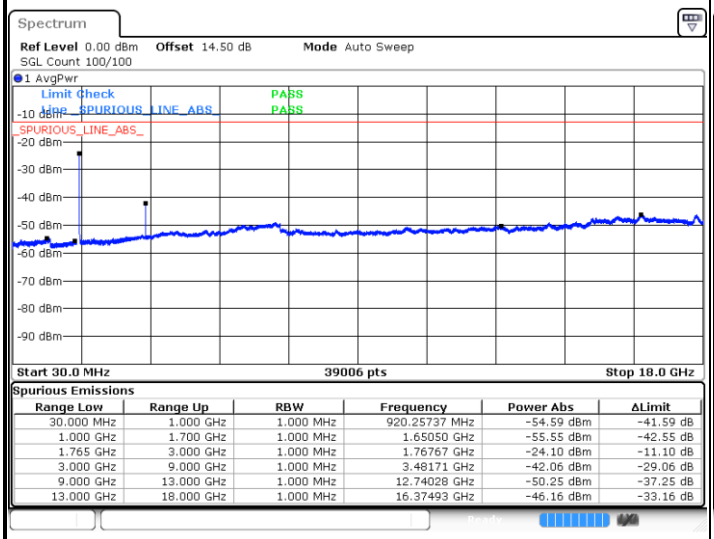
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.18 dBm	-34.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99650 GHz	-54.16 dBm	-41.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-35.84 dBm	-22.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64529 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41409 GHz	-46.07 dBm	-33.07 dB

Date: 9.MAR.2020 22:04:49

LTE Band 4 / 15MHz

Highest Channel / QPSK

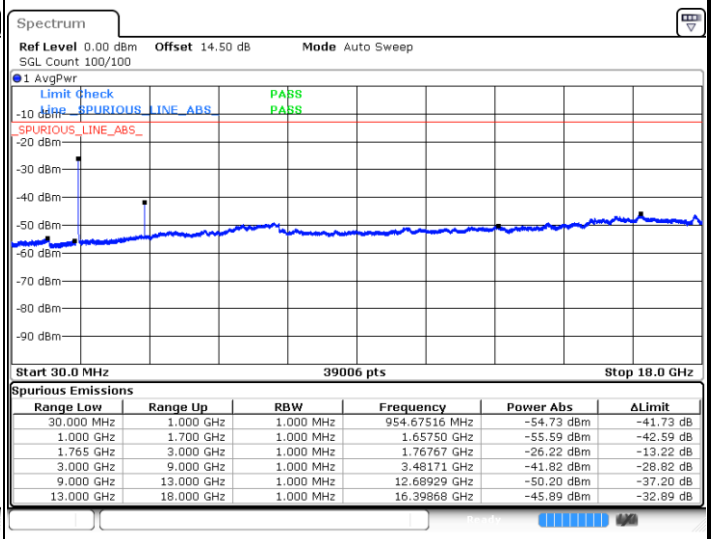


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-54.59 dBm	-41.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65050 GHz	-55.55 dBm	-42.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-24.10 dBm	-11.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-42.06 dBm	-29.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74028 GHz	-50.25 dBm	-37.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.37493 GHz	-46.16 dBm	-33.16 dB

Date: 9.MAR.2020 22:08:26

Highest Channel / 16QAM



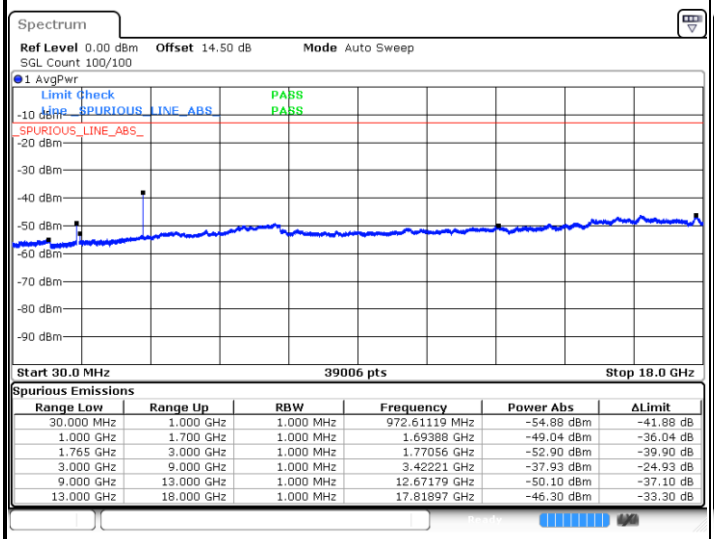
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-54.73 dBm	-41.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65750 GHz	-55.59 dBm	-42.59 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-26.22 dBm	-13.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-50.20 dBm	-37.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39868 GHz	-45.89 dBm	-32.89 dB

Date: 9.MAR.2020 22:07:42

LTE Band 4 / 20MHz

Lowest Channel / QPSK

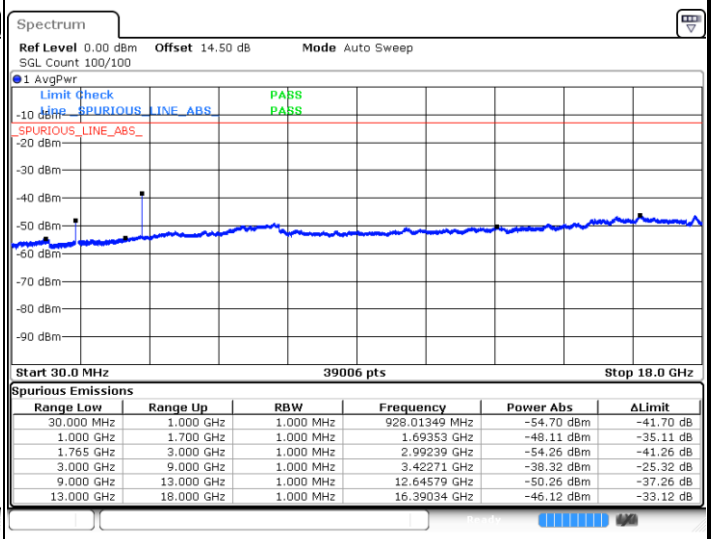


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.61119 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-49.04 dBm	-36.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77056 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-37.93 dBm	-24.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67179 GHz	-50.10 dBm	-37.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.81897 GHz	-46.30 dBm	-33.30 dB

Date: 9.MAR.2020 23:48:19

Lowest Channel / 16QAM



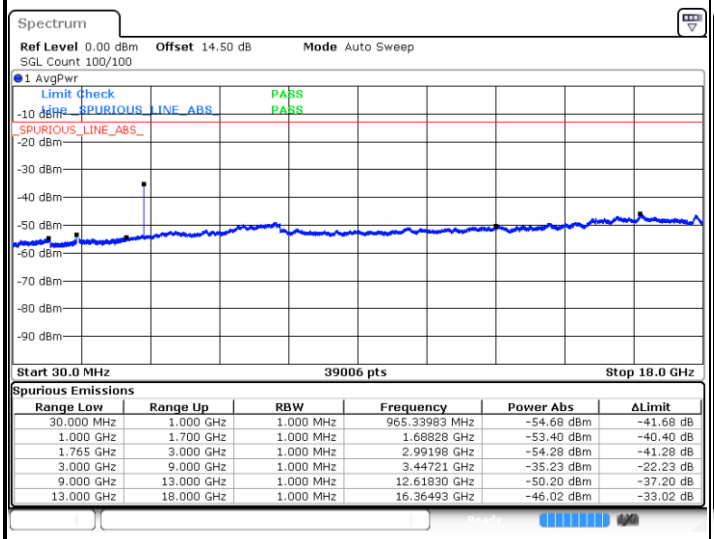
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-48.11 dBm	-35.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99239 GHz	-54.26 dBm	-41.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-38.32 dBm	-25.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64579 GHz	-50.26 dBm	-37.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39034 GHz	-46.12 dBm	-33.12 dB

Date: 9.MAR.2020 23:49:28

LTE Band 4 / 20MHz

Middle Channel / QPSK

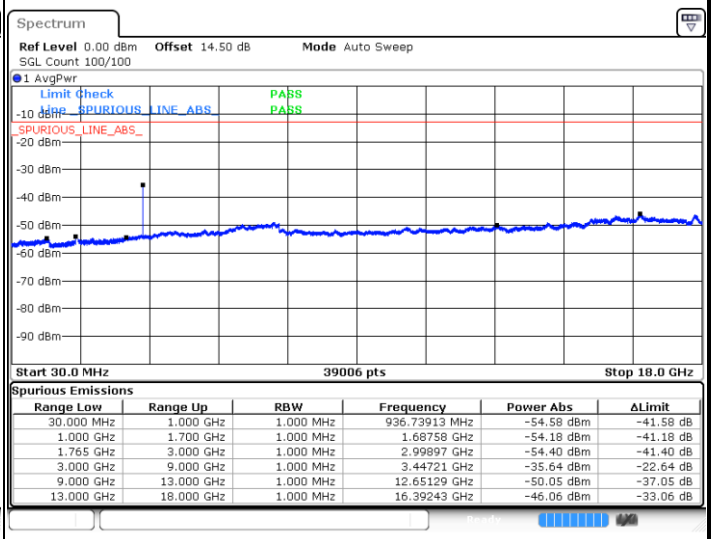


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-54.68 dBm	-41.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-53.40 dBm	-40.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99198 GHz	-54.28 dBm	-41.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-35.23 dBm	-22.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.61830 GHz	-50.20 dBm	-37.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36493 GHz	-46.02 dBm	-33.02 dB

Date: 9.MAR.2020 23:54:44

Middle Channel / 16QAM

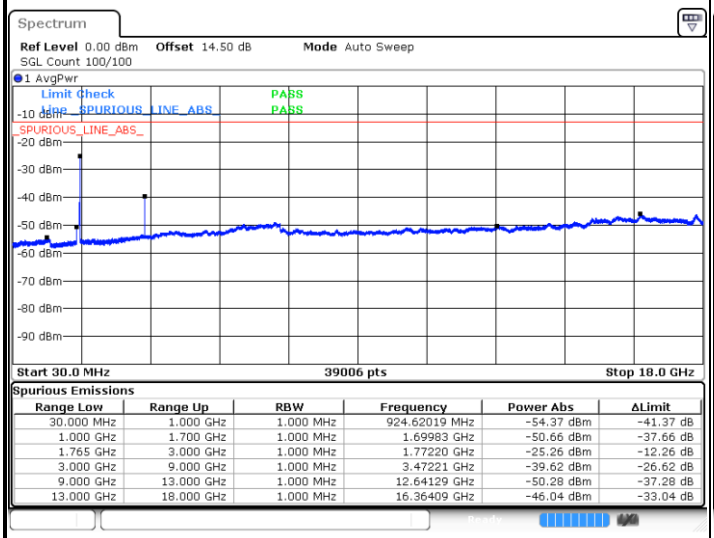


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-54.58 dBm	-41.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68758 GHz	-54.18 dBm	-41.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99897 GHz	-54.40 dBm	-41.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-35.64 dBm	-22.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65129 GHz	-50.05 dBm	-37.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39243 GHz	-46.06 dBm	-33.06 dB

Date: 9.MAR.2020 23:54:00

Highest Channel / QPSK

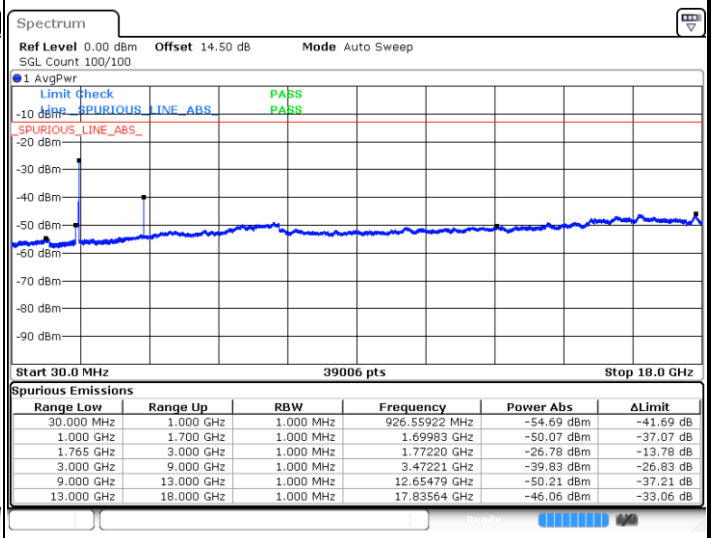


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-54.37 dBm	-41.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-50.66 dBm	-37.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-25.26 dBm	-12.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-39.62 dBm	-26.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64129 GHz	-50.28 dBm	-37.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36409 GHz	-46.04 dBm	-33.04 dB

Date: 10.MAR.2020 00:04:44

Highest Channel / 16QAM



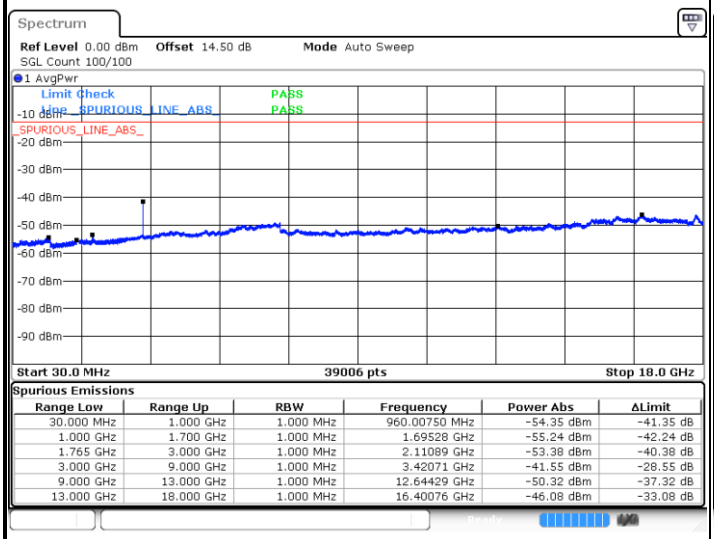
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-54.69 dBm	-41.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-50.07 dBm	-37.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-26.78 dBm	-13.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-39.83 dBm	-26.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65479 GHz	-50.21 dBm	-37.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83564 GHz	-46.06 dBm	-33.06 dB

Date: 10.MAR.2020 00:04:01

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

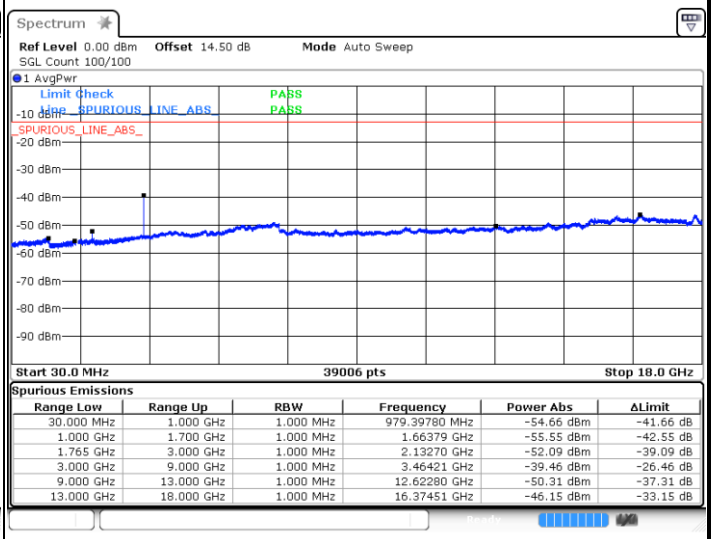


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-54.35 dBm	-41.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11089 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-41.55 dBm	-28.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64429 GHz	-50.32 dBm	-37.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40076 GHz	-46.08 dBm	-33.08 dB

Date: 9.MAR.2020 20:23:40

Middle Channel / 64QAM

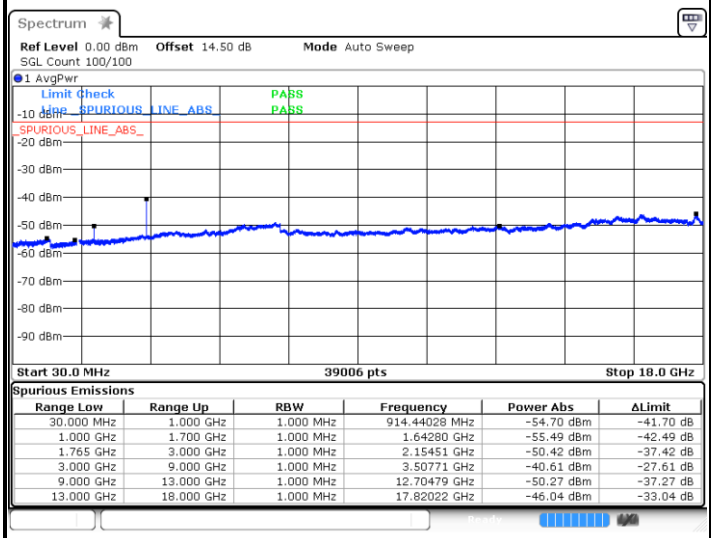


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-54.66 dBm	-41.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66379 GHz	-55.55 dBm	-42.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13270 GHz	-52.09 dBm	-39.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-39.46 dBm	-26.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.62280 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.37451 GHz	-46.15 dBm	-33.15 dB

Date: 9.MAR.2020 20:10:21

Highest Channel / 64QAM



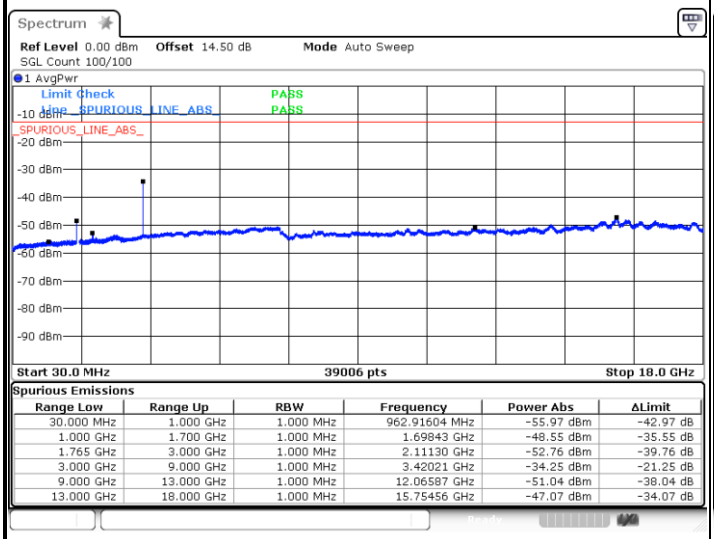
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64280 GHz	-55.49 dBm	-42.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15451 GHz	-50.42 dBm	-37.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-40.61 dBm	-27.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-50.27 dBm	-37.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82022 GHz	-46.04 dBm	-33.04 dB

Date: 9.MAR.2020 20:27:15

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

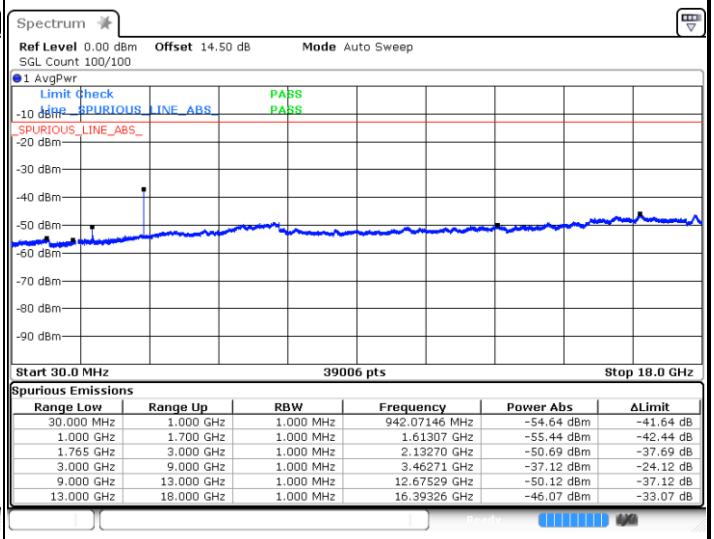


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-55.97 dBm	-42.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-48.55 dBm	-35.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11130 GHz	-52.76 dBm	-39.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-34.25 dBm	-21.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.06587 GHz	-51.04 dBm	-38.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75456 GHz	-47.07 dBm	-34.07 dB

Date: 9.MAR.2020 20:49:40

Middle Channel / 64QAM

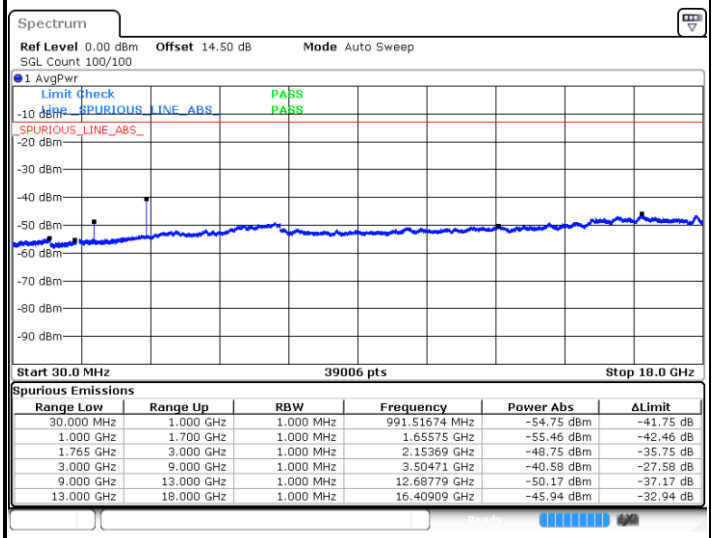


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-54.64 dBm	-41.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61307 GHz	-55.44 dBm	-42.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13270 GHz	-50.69 dBm	-37.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-37.12 dBm	-24.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67529 GHz	-50.12 dBm	-37.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39326 GHz	-46.07 dBm	-33.07 dB

Date: 9.MAR.2020 19:52:21

Highest Channel / 64QAM



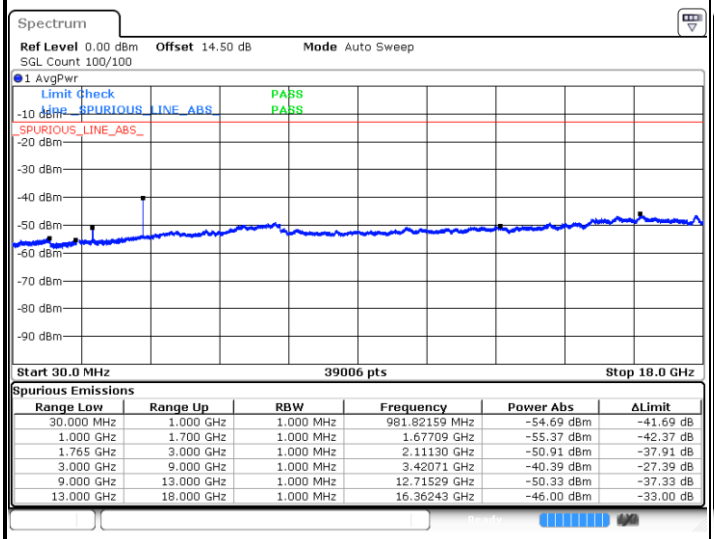
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65575 GHz	-55.46 dBm	-42.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15369 GHz	-48.75 dBm	-35.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-40.58 dBm	-27.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68779 GHz	-50.17 dBm	-37.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40909 GHz	-45.94 dBm	-32.94 dB

Date: 9.MAR.2020 19:57:29

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

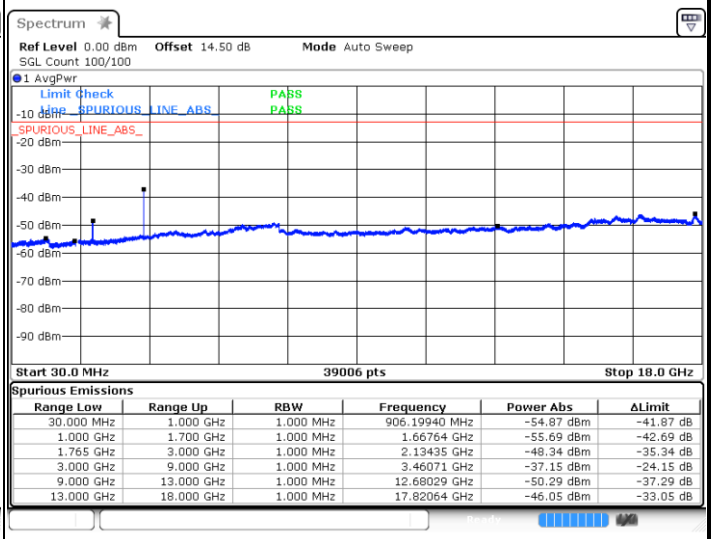


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-54.69 dBm	-41.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67709 GHz	-55.37 dBm	-42.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11130 GHz	-50.91 dBm	-37.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-40.39 dBm	-27.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71529 GHz	-50.33 dBm	-37.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36243 GHz	-46.00 dBm	-33.00 dB

Date: 9.MAR.2020 20:59:32

Middle Channel / 64QAM

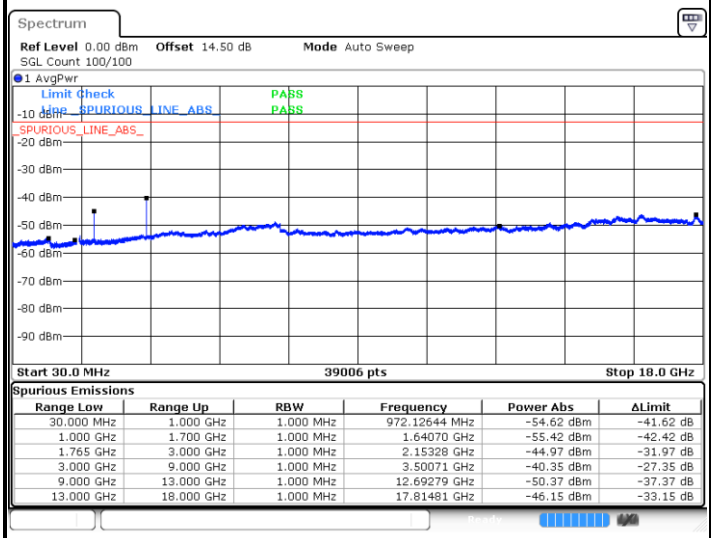


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-54.87 dBm	-41.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66764 GHz	-55.69 dBm	-42.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13435 GHz	-48.34 dBm	-35.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-37.15 dBm	-24.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68029 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82064 GHz	-46.05 dBm	-33.05 dB

Date: 9.MAR.2020 21:02:00

Highest Channel / 64QAM



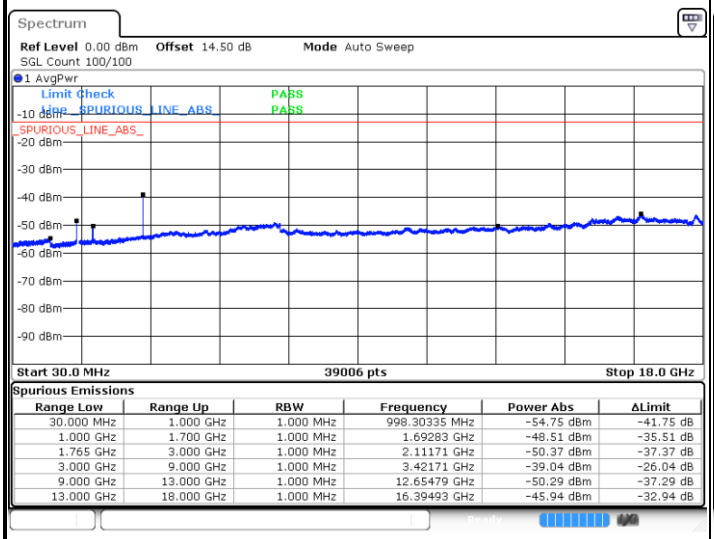
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64070 GHz	-55.42 dBm	-42.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.15328 GHz	-44.97 dBm	-31.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-40.35 dBm	-27.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-50.37 dBm	-37.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.81481 GHz	-46.15 dBm	-33.15 dB

Date: 9.MAR.2020 21:09:16

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

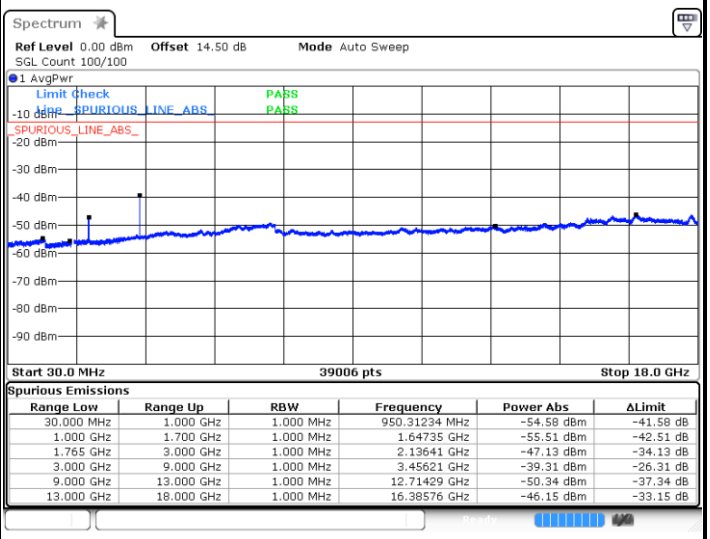


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-48.51 dBm	-35.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11171 GHz	-50.37 dBm	-37.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-39.04 dBm	-26.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65479 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39493 GHz	-45.94 dBm	-32.94 dB

Date: 9.MAR.2020 21:31:05

Middle Channel / 64QAM

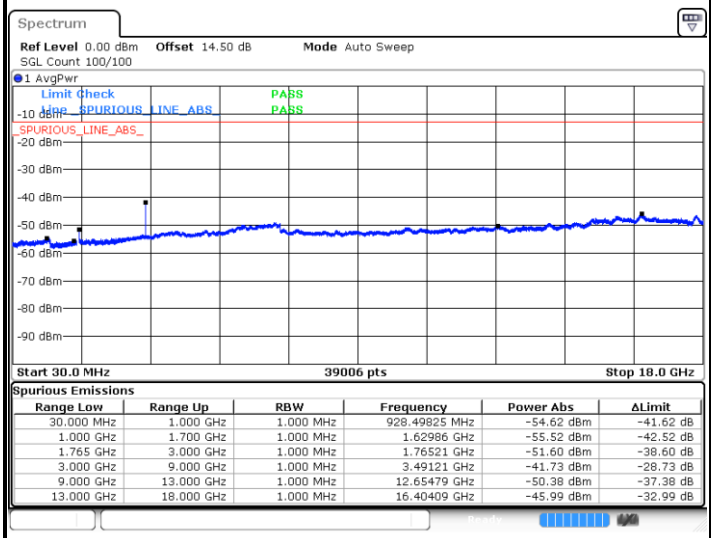


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-54.58 dBm	-41.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64735 GHz	-55.51 dBm	-42.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13641 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-39.31 dBm	-26.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71429 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38576 GHz	-46.15 dBm	-33.15 dB

Date: 9.MAR.2020 21:40:47

Highest Channel / 64QAM



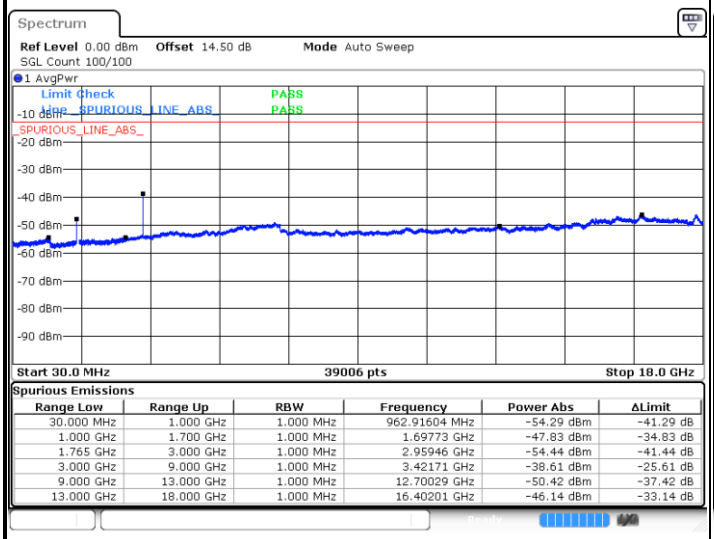
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62986 GHz	-55.52 dBm	-42.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-51.60 dBm	-38.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-41.73 dBm	-28.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65479 GHz	-50.38 dBm	-37.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40409 GHz	-45.99 dBm	-32.99 dB

Date: 9.MAR.2020 21:52:06

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

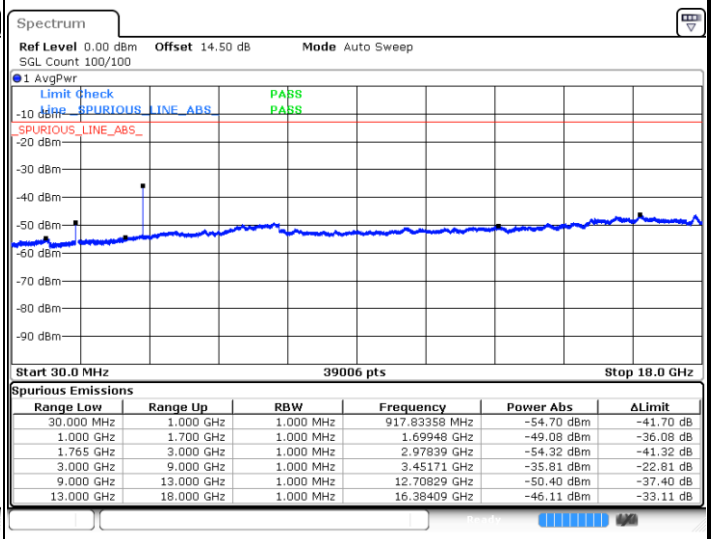


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-54.29 dBm	-41.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-47.83 dBm	-34.83 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95946 GHz	-54.44 dBm	-41.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-38.61 dBm	-25.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-50.42 dBm	-37.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40201 GHz	-46.14 dBm	-33.14 dB

Date: 9.MAR.2020 22:01:03

Middle Channel / 64QAM

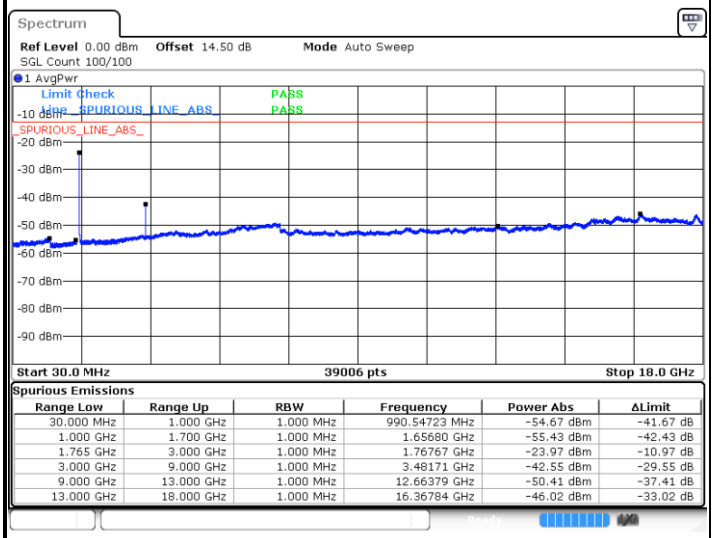


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-49.08 dBm	-36.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97839 GHz	-54.32 dBm	-41.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-35.81 dBm	-22.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-50.40 dBm	-37.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38409 GHz	-46.11 dBm	-33.11 dB

Date: 9.MAR.2020 22:05:39

Highest Channel / 64QAM



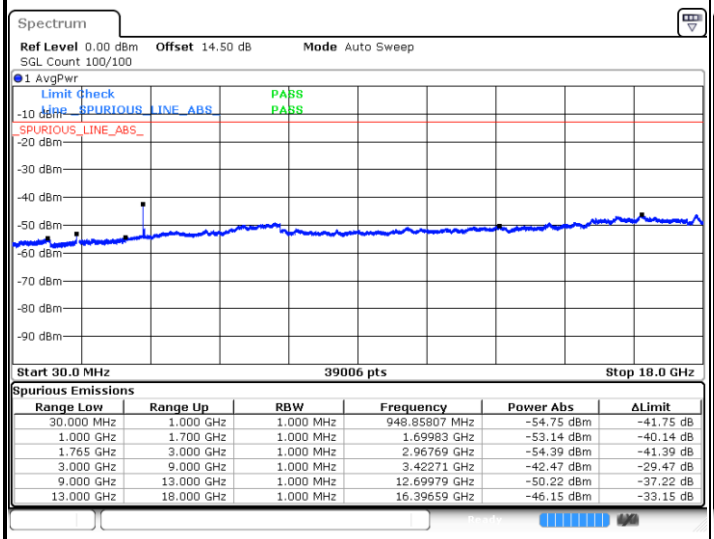
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-54.67 dBm	-41.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65680 GHz	-55.43 dBm	-42.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-23.97 dBm	-10.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-42.55 dBm	-29.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66379 GHz	-50.41 dBm	-37.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.36784 GHz	-46.02 dBm	-33.02 dB

Date: 9.MAR.2020 22:06:48

LTE Band 4 / 20MHz

Lowest Channel / 64QAM

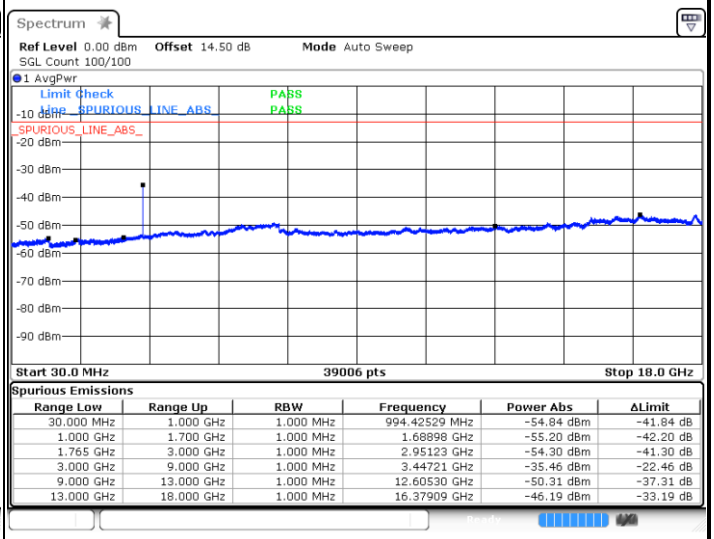


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.14 dBm	-40.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96769 GHz	-54.39 dBm	-41.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42271 GHz	-42.47 dBm	-29.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-50.22 dBm	-37.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39659 GHz	-46.15 dBm	-33.15 dB

Date: 9.MAR.2020 23:50:55

Middle Channel / 64QAM

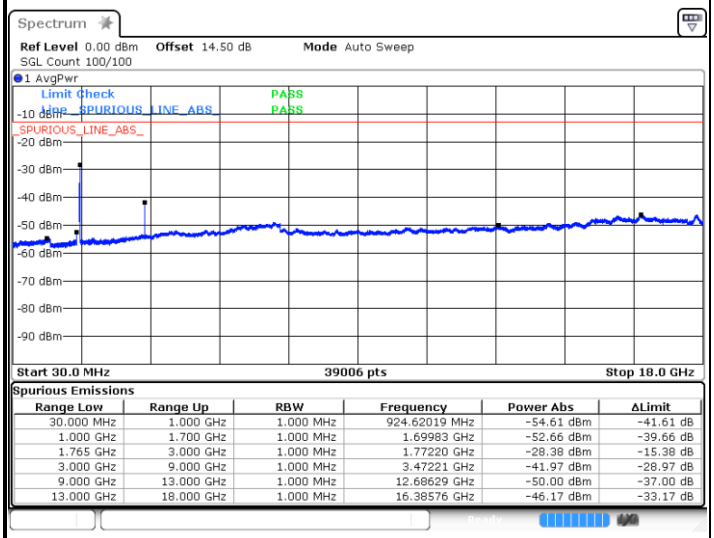


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68898 GHz	-55.20 dBm	-42.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95123 GHz	-54.30 dBm	-41.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-35.46 dBm	-22.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.60530 GHz	-50.31 dBm	-37.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.37909 GHz	-46.19 dBm	-33.19 dB

Date: 9.MAR.2020 23:53:07

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-52.66 dBm	-39.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-28.38 dBm	-15.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-41.97 dBm	-28.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68629 GHz	-50.00 dBm	-37.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.38576 GHz	-46.17 dBm	-33.17 dB

Date: 10.MAR.2020 00:03:09

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0126	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0108	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

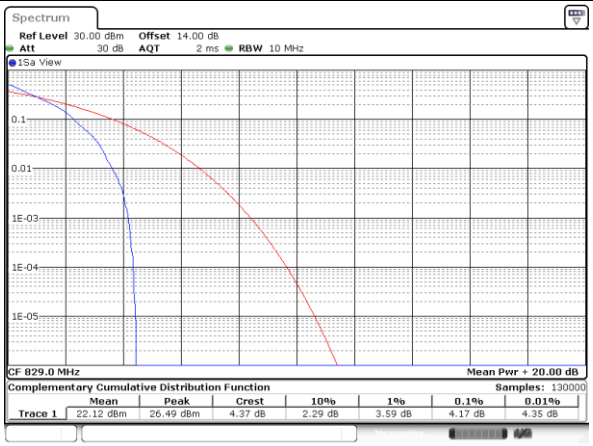
LTE Band 5

Peak-to-Average Ratio

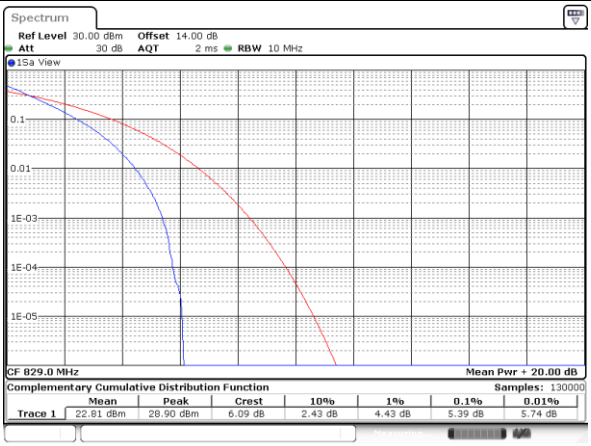
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.17	5.39	5.33	6.12	PASS
Middle CH	5.28	5.36	5.83	6.17	
Highest CH	4.67	5.25	5.74	5.97	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	4.78	6.09	-	-	PASS
Middle CH	5.33	5.36	-	-	
Highest CH	5.07	6.03	-	-	

LTE Band 5 / 10MHz / QPSK

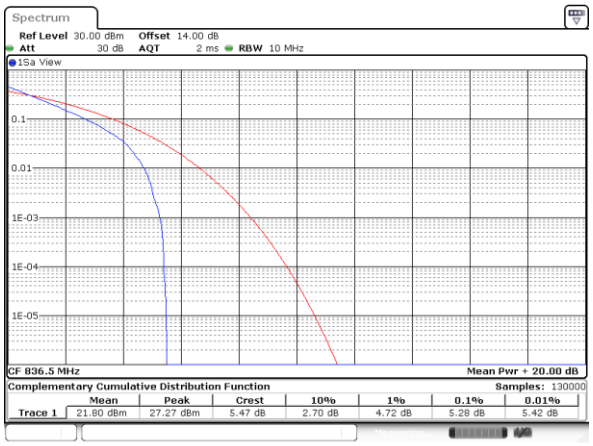
Lowest Channel / 1RB



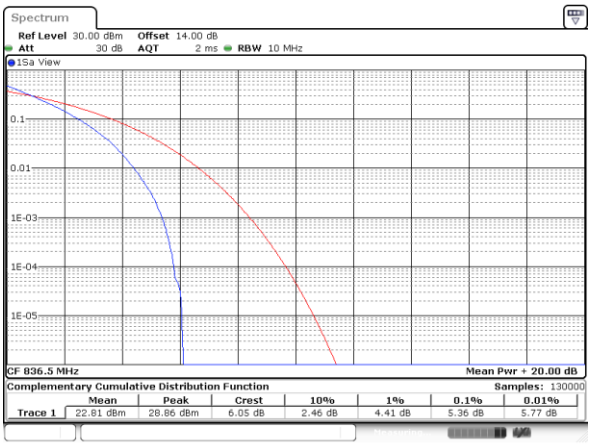
Lowest Channel / Full RB



Middle Channel / 1RB

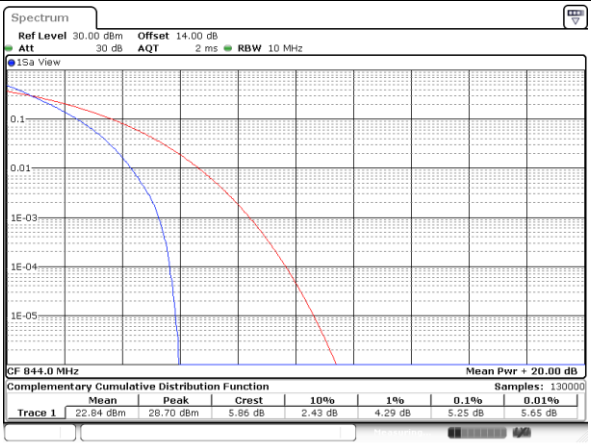


Middle Channel / Full RB



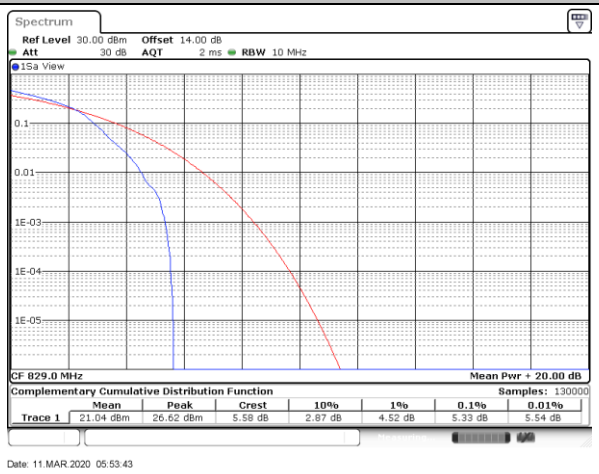
Highest Channel / 1RB

Highest Channel / Full RB

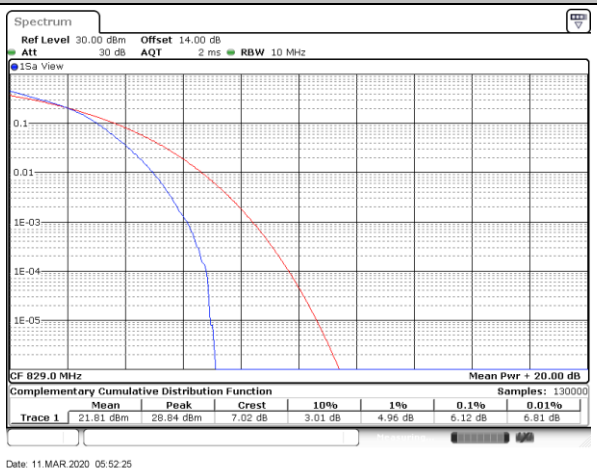


LTE Band 5 / 10MHz / 16QAM

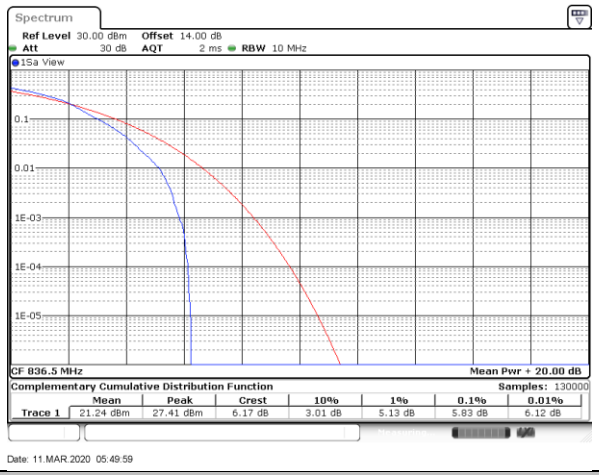
Lowest Channel / 1RB



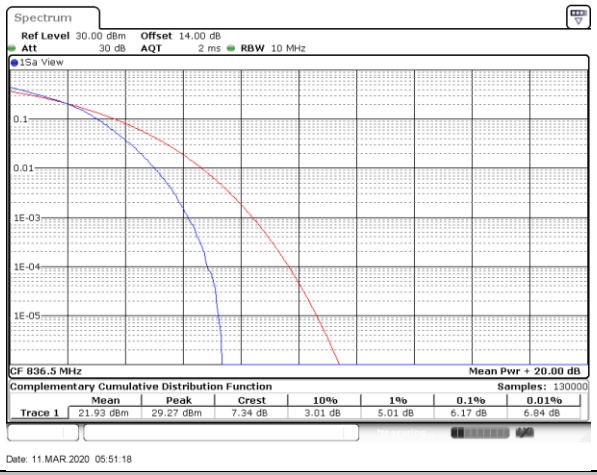
Lowest Channel / Full RB



Middle Channel / 1RB

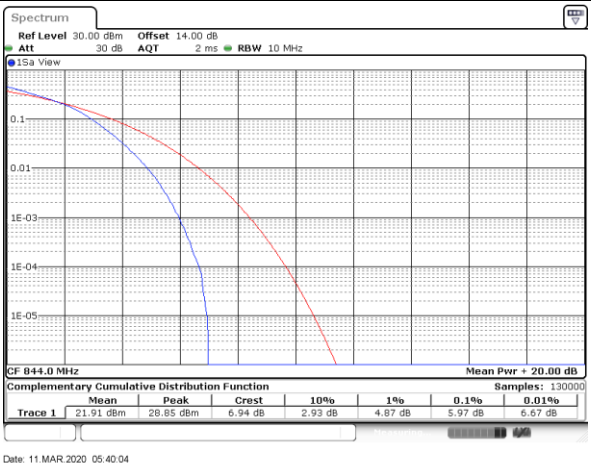


Middle Channel / Full RB



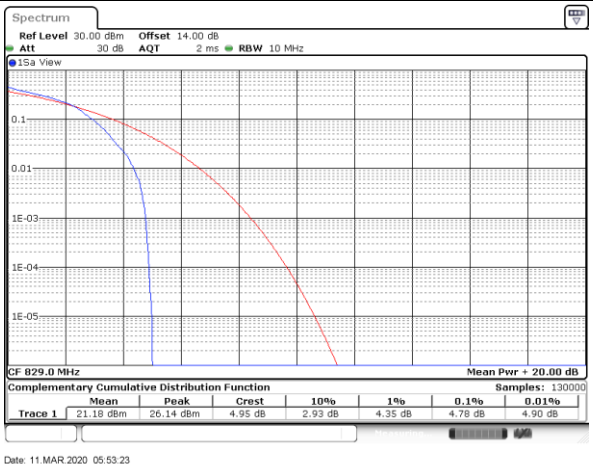
Highest Channel / 1RB

Highest Channel / Full RB

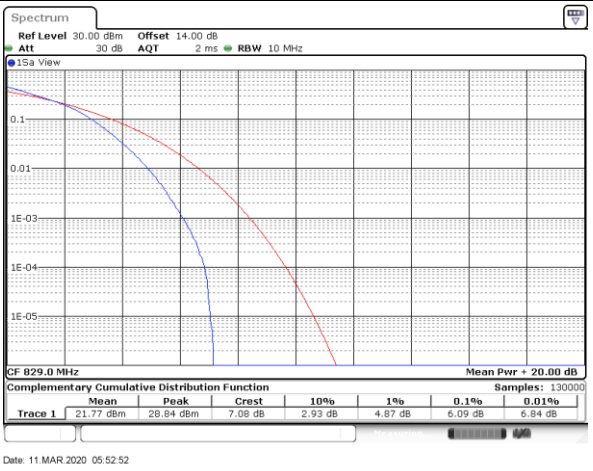


LTE Band 5 / 10MHz / 64QAM

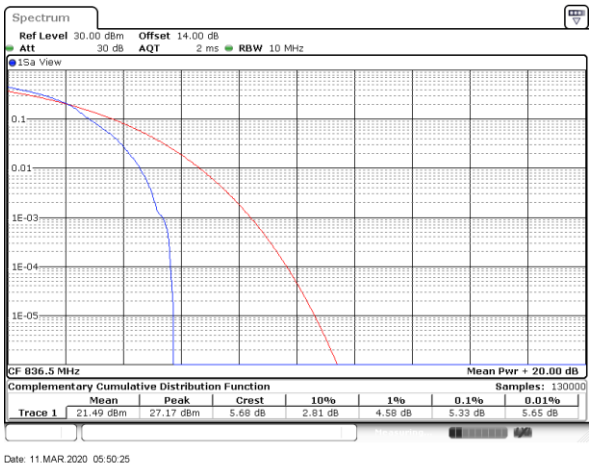
Lowest Channel / 1RB



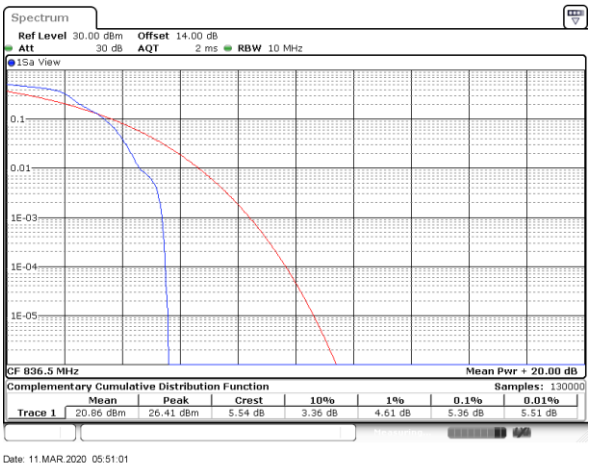
Lowest Channel / Full RB



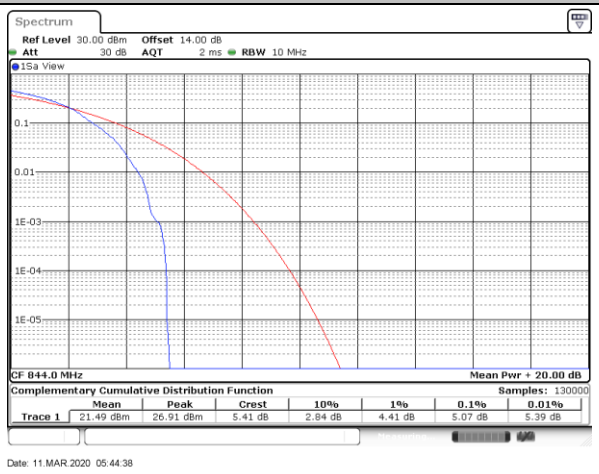
Middle Channel / 1RB



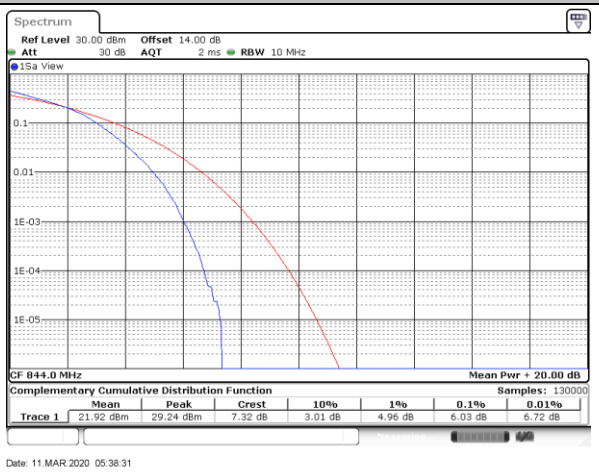
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

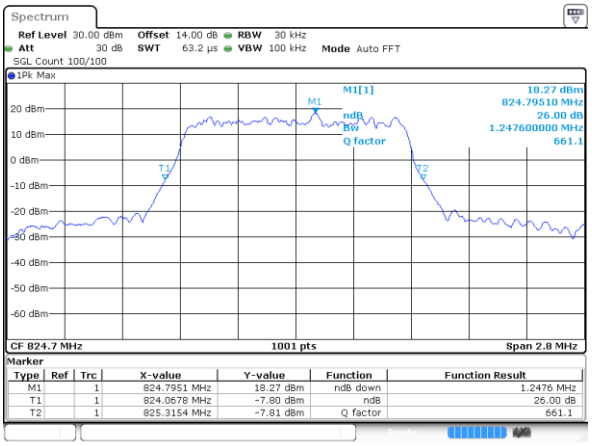


26dB Bandwidth

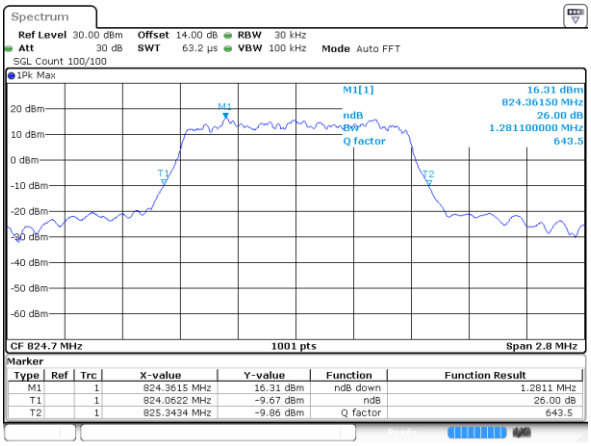
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.25	1.28	2.94	2.94	4.87	4.86	9.67	9.87	-	-	-	-
Middle CH	1.27	1.27	2.94	2.97	4.82	4.84	9.79	9.67	-	-	-	-
Highest CH	1.25	1.28	2.94	2.99	4.88	4.81	9.65	9.87	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.28	-	2.96	-	4.83	-	9.69	-	-	-	-	-
Middle CH	1.26	-	2.93	-	4.86	-	9.67	-	-	-	-	-
Highest CH	1.27	-	2.98	-	4.85	-	9.83	-	-	-	-	-

LTE Band 5

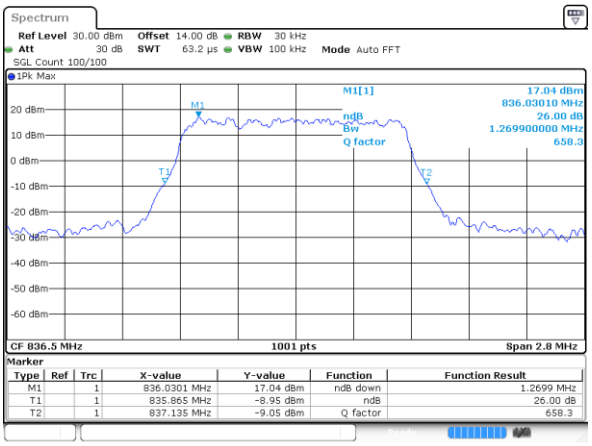
Lowest Channel / 1.4MHz / QPSK



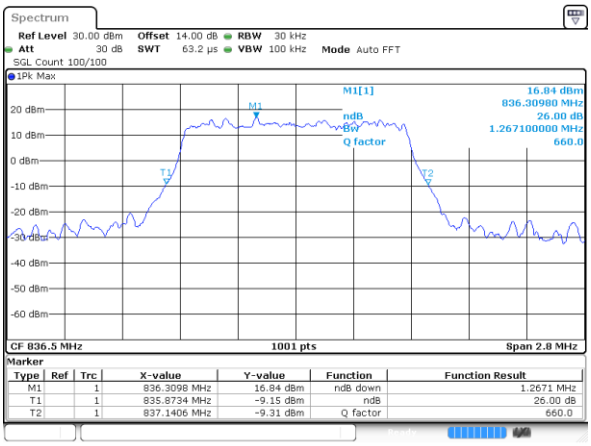
Lowest Channel / 1.4MHz / 16QAM



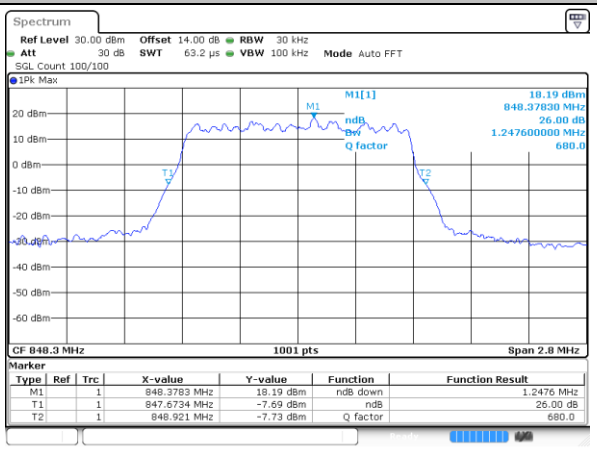
Middle Channel / 1.4MHz / QPSK



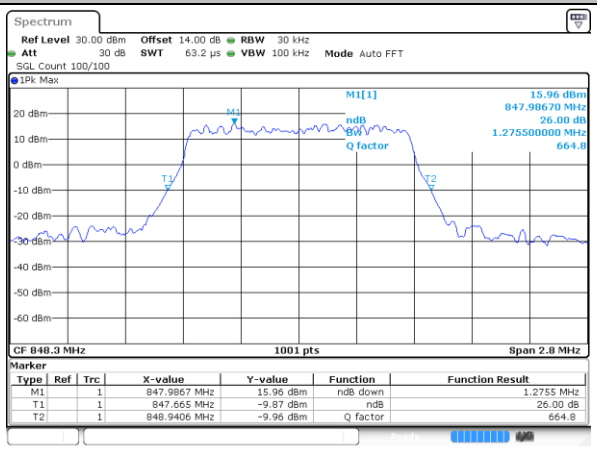
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

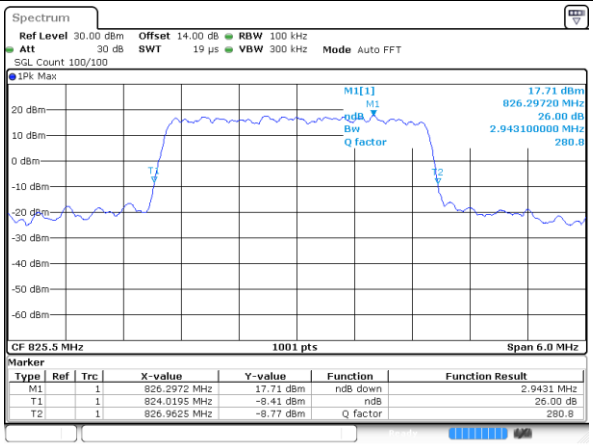


Highest Channel / 1.4MHz / 16QAM

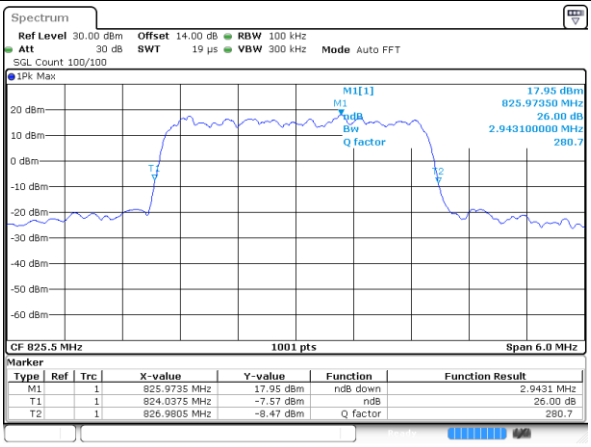


LTE Band 5

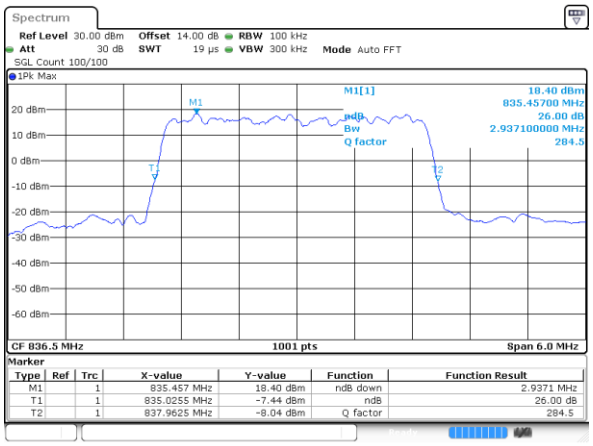
Lowest Channel / 3MHz / QPSK



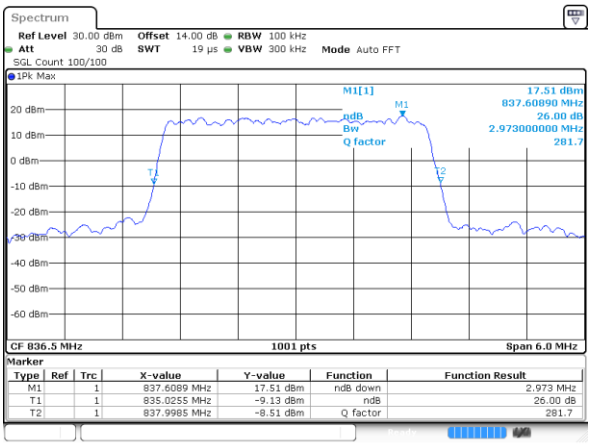
Lowest Channel / 3MHz / 16QAM



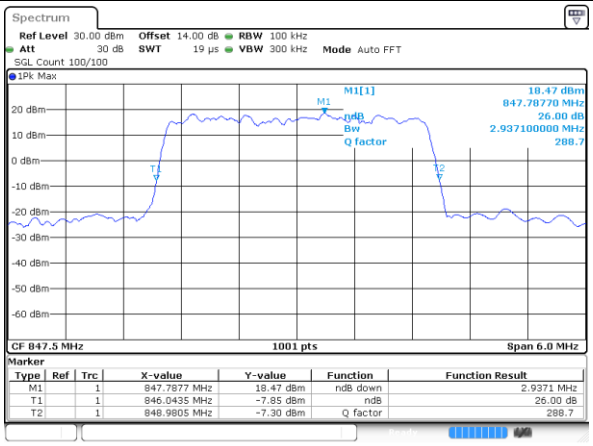
Middle Channel / 3MHz / QPSK



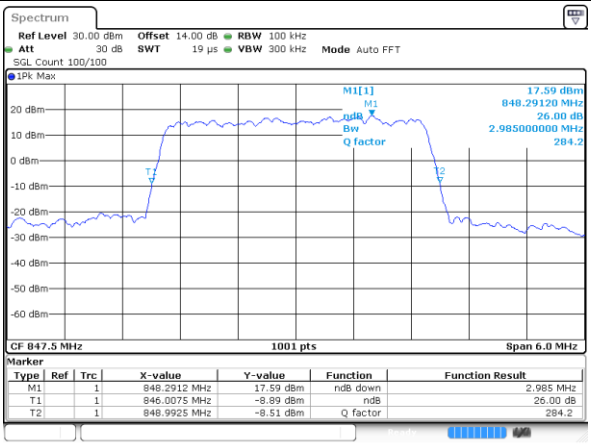
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

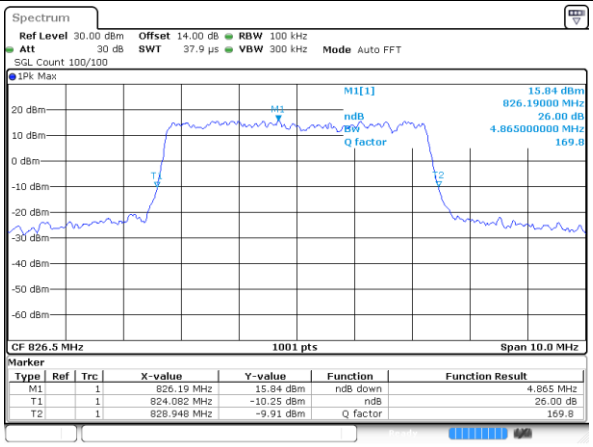


Highest Channel / 3MHz / 16QAM

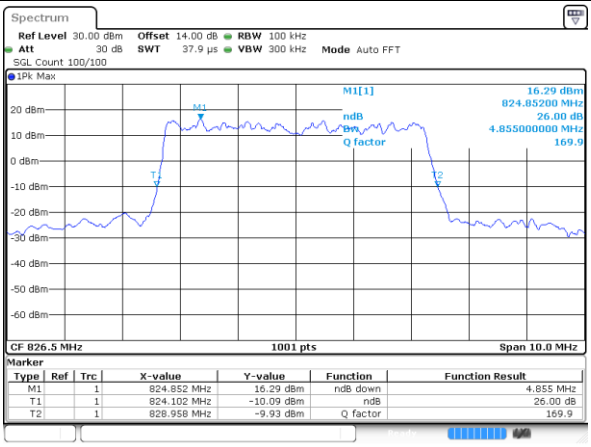


LTE Band 5

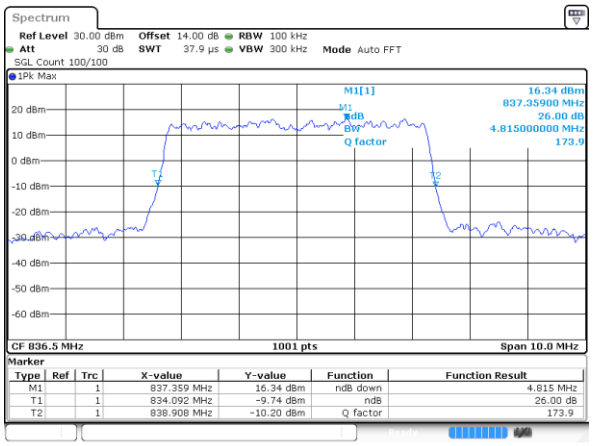
Lowest Channel / 5MHz / QPSK



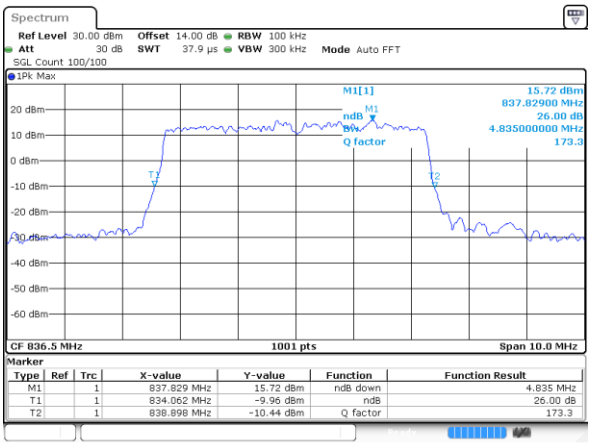
Lowest Channel / 5MHz / 16QAM



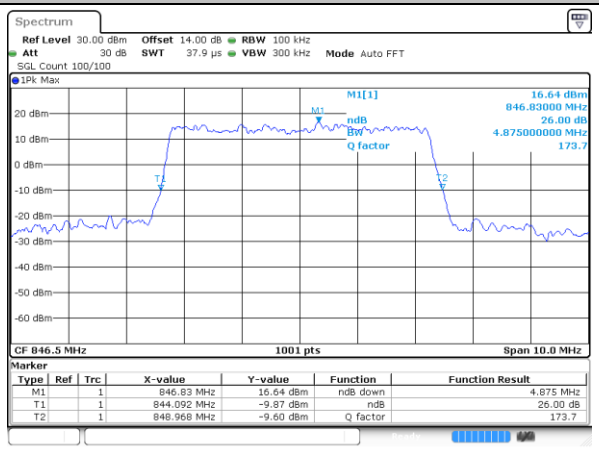
Middle Channel / 5MHz / QPSK



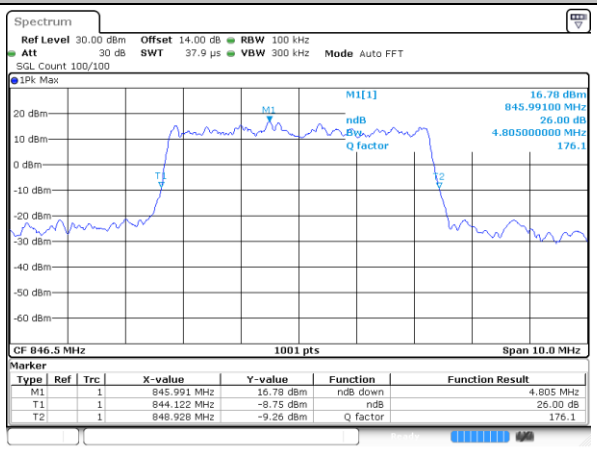
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

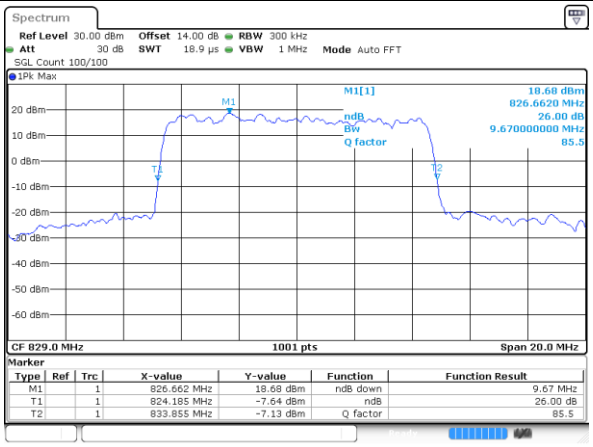


Highest Channel / 5MHz / 16QAM

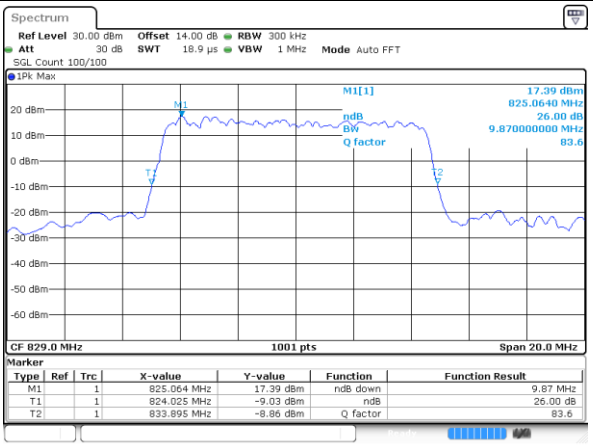


LTE Band 5

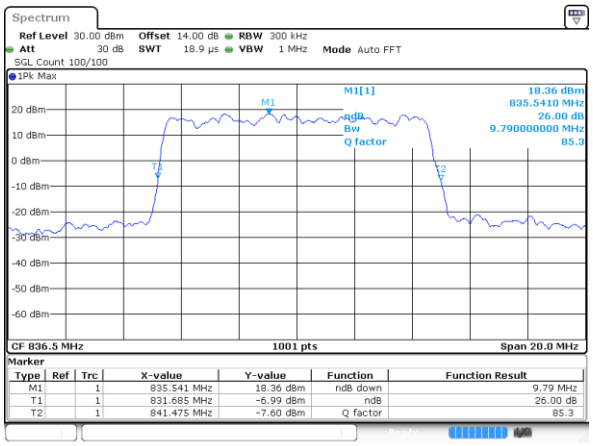
Lowest Channel / 10MHz / QPSK



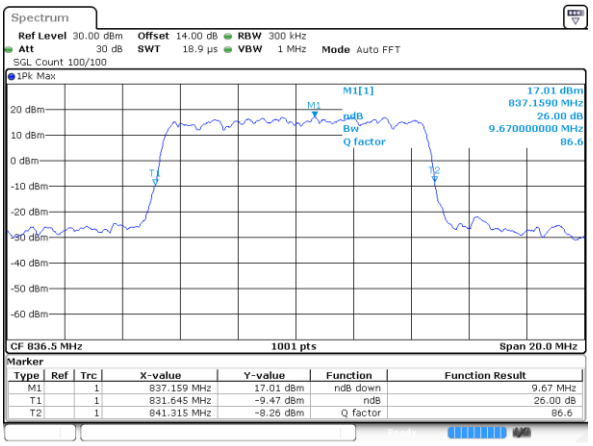
Lowest Channel / 10MHz / 16QAM



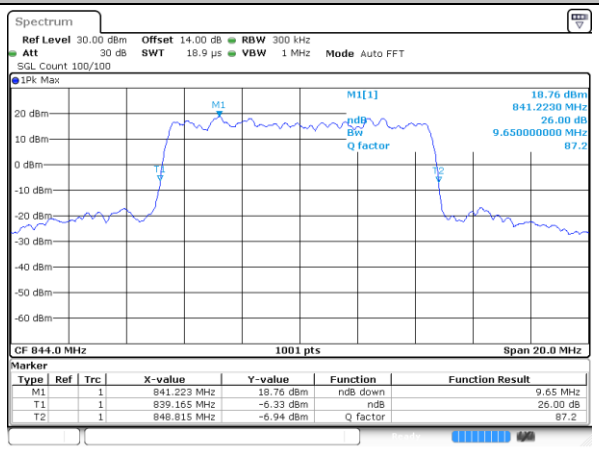
Middle Channel / 10MHz / QPSK



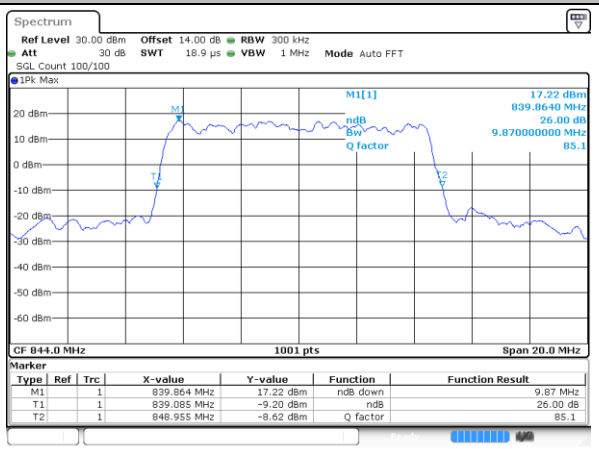
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

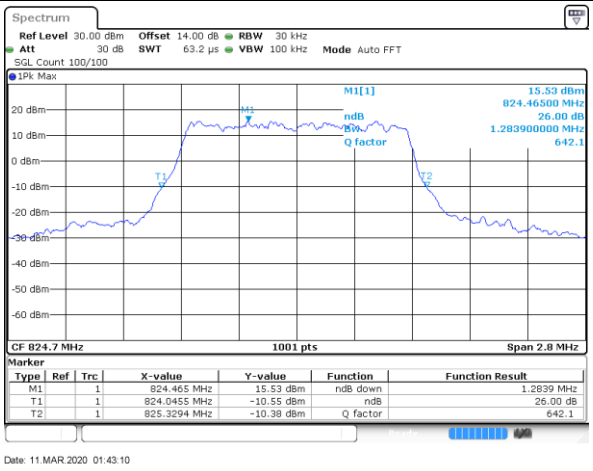


Highest Channel / 10MHz / 16QAM

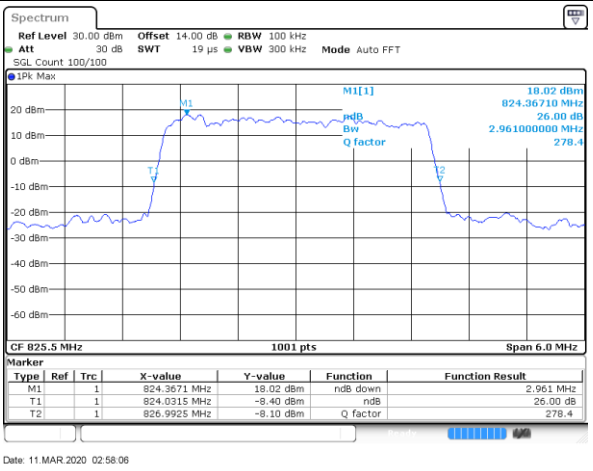


LTE Band 5

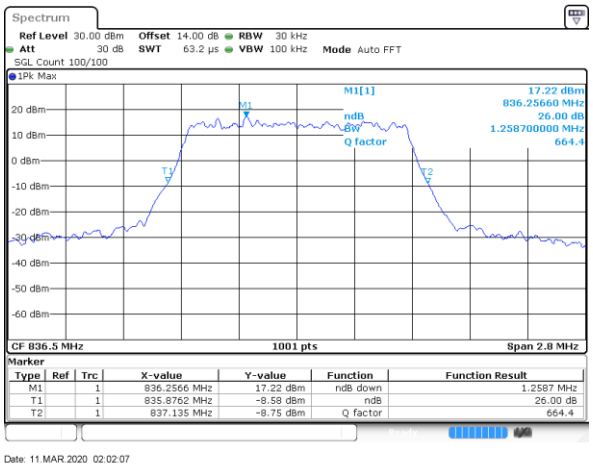
Lowest Channel / 1.4MHz / 64QAM



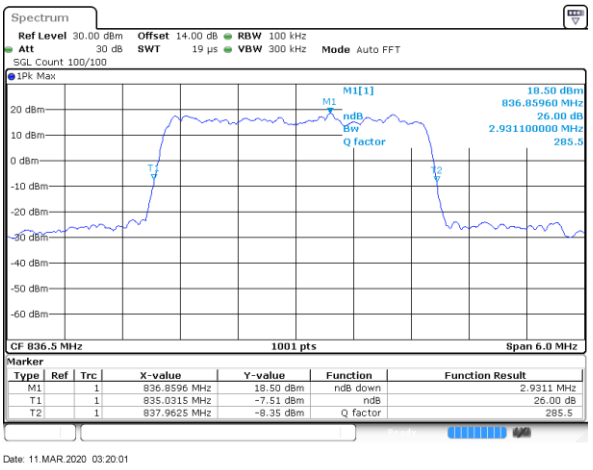
Lowest Channel / 3MHz / 64QAM



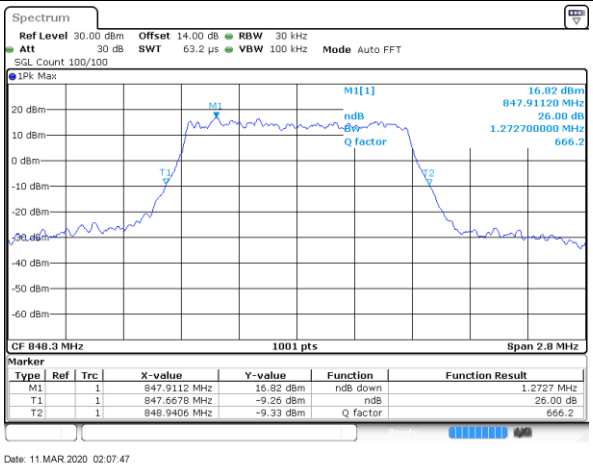
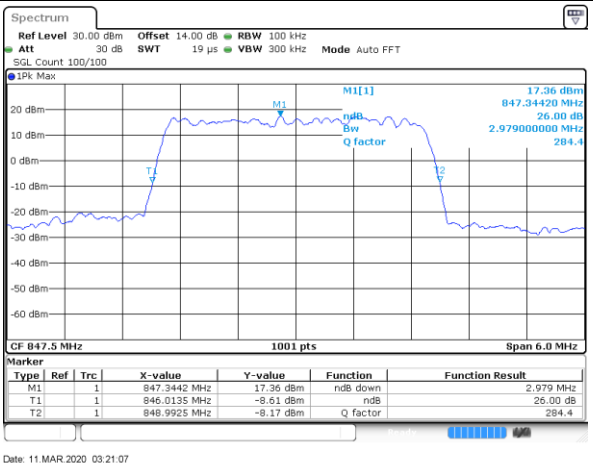
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM