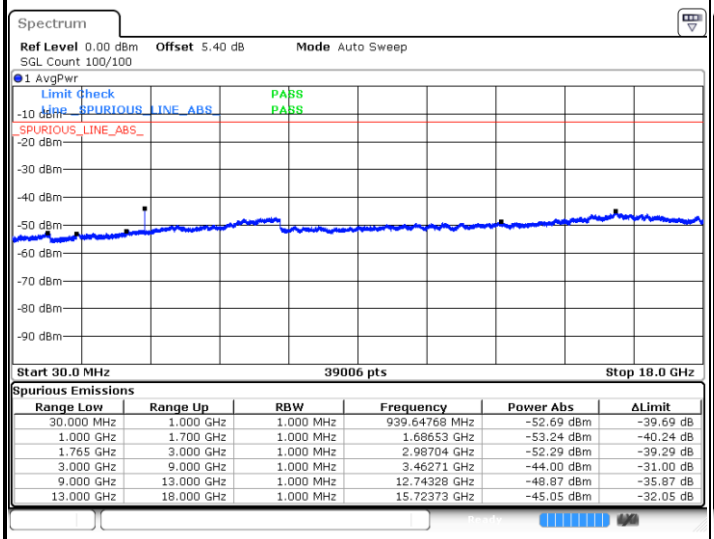
LTE Band 4 / 3MHz

Middle Channel / QPSK

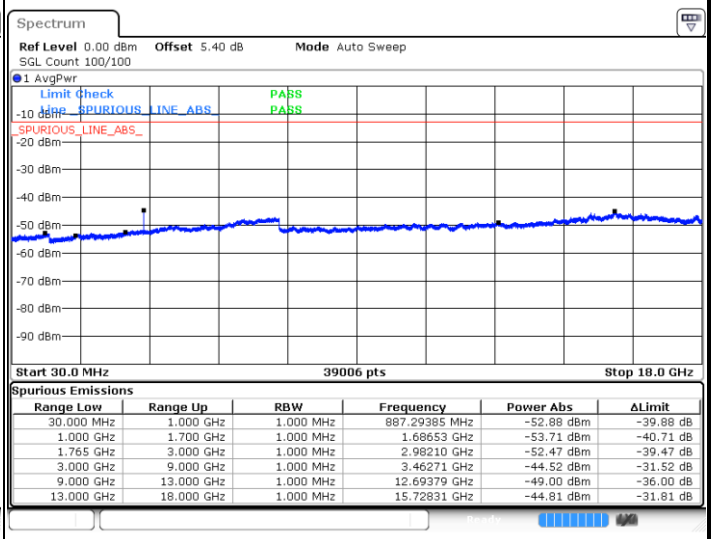


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-52.69 dBm	-39.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68653 GHz	-53.24 dBm	-40.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98704 GHz	-52.29 dBm	-39.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-44.00 dBm	-31.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74328 GHz	-48.87 dBm	-35.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72373 GHz	-45.05 dBm	-32.05 dB

Date: 24.APR.2020 21:15:56

Middle Channel / 16QAM

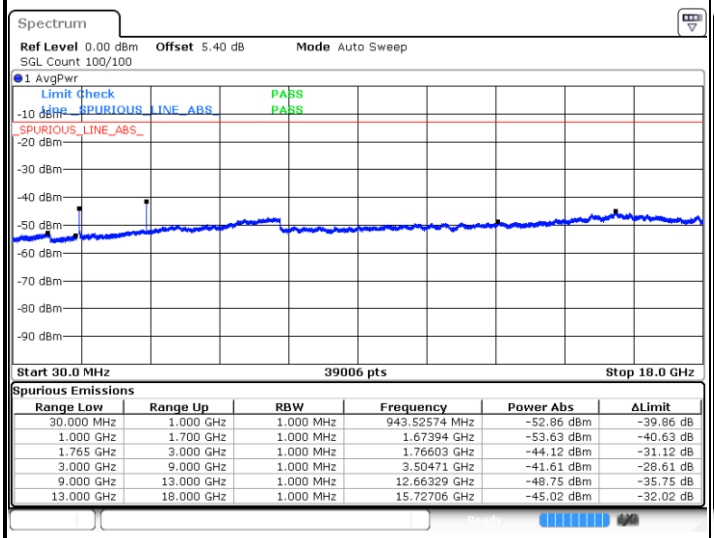


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-52.88 dBm	-39.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68653 GHz	-53.71 dBm	-40.71 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98210 GHz	-52.47 dBm	-39.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-44.52 dBm	-31.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69379 GHz	-49.00 dBm	-36.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72831 GHz	-44.81 dBm	-31.81 dB

Date: 24.APR.2020 21:16:50

Highest Channel / QPSK

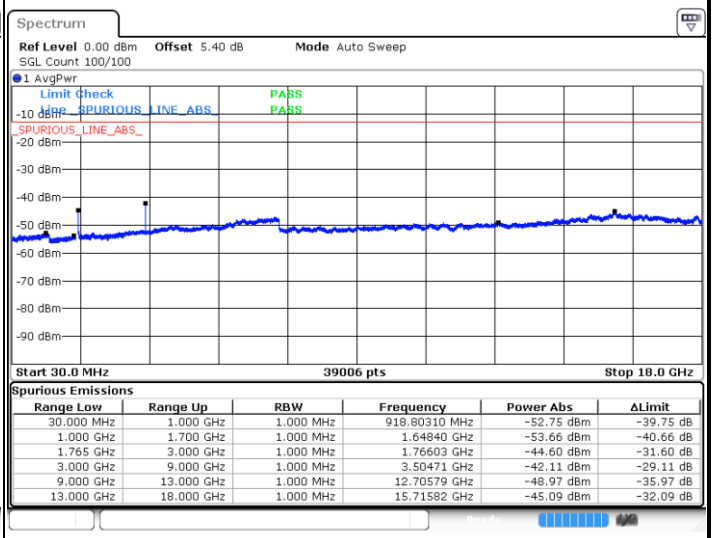


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67394 GHz	-53.63 dBm	-40.63 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-44.12 dBm	-31.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66329 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72706 GHz	-45.02 dBm	-32.02 dB

Date: 24.APR.2020 21:22:54

Highest Channel / 16QAM



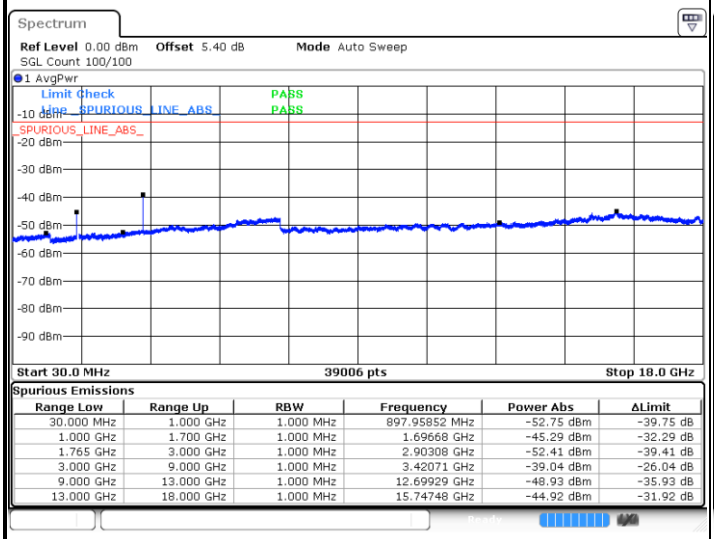
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64840 GHz	-53.66 dBm	-40.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-44.60 dBm	-31.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-42.11 dBm	-29.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70579 GHz	-48.97 dBm	-35.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71582 GHz	-45.09 dBm	-32.09 dB

Date: 24.APR.2020 21:23:49

LTE Band 4 / 5MHz

Lowest Channel / QPSK

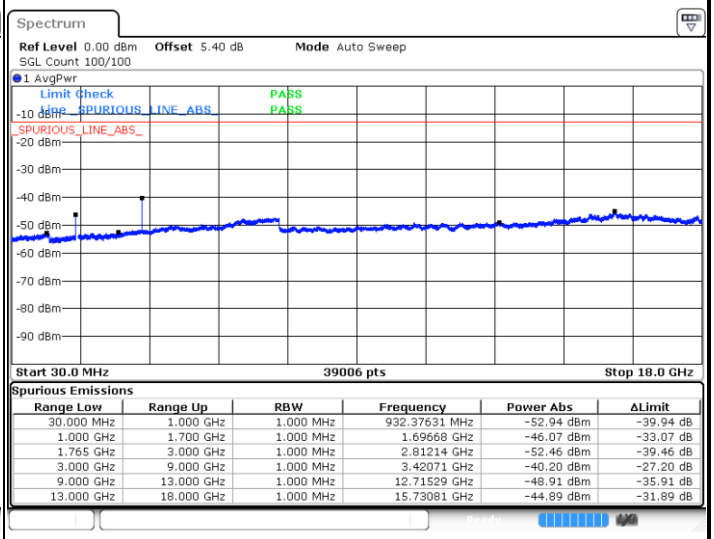


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.90308 GHz	-52.41 dBm	-39.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-39.04 dBm	-26.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-48.93 dBm	-35.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74748 GHz	-44.92 dBm	-31.92 dB

Date: 24.APR.2020 21:29:52

Lowest Channel / 16QAM

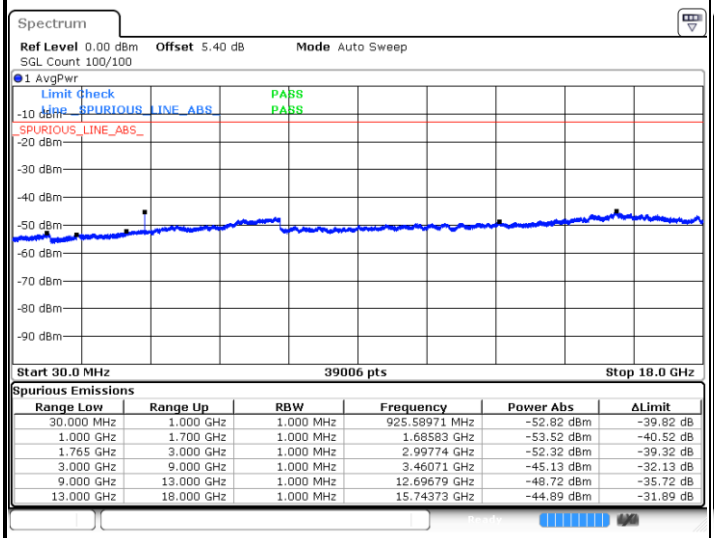


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-52.94 dBm	-39.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-46.07 dBm	-33.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81214 GHz	-52.46 dBm	-39.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-40.20 dBm	-27.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71529 GHz	-48.91 dBm	-35.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73081 GHz	-44.89 dBm	-31.89 dB

Date: 24.APR.2020 21:30:47

Middle Channel / QPSK

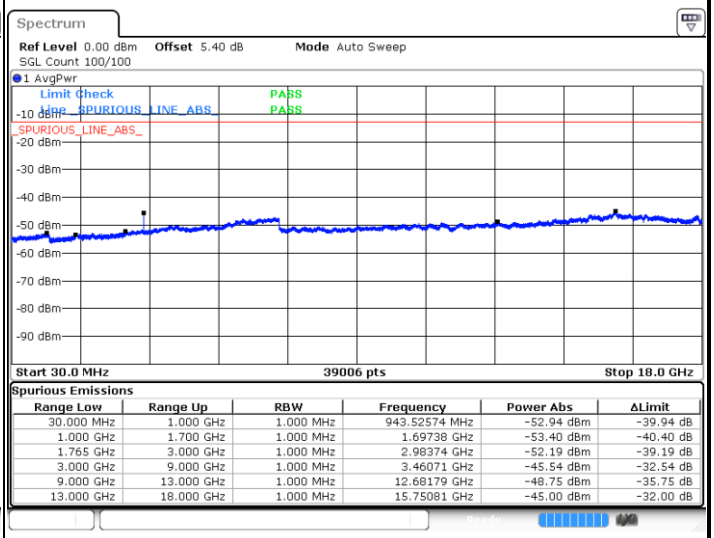


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-52.82 dBm	-39.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-53.52 dBm	-40.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99774 GHz	-52.32 dBm	-39.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-45.13 dBm	-32.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74373 GHz	-44.89 dBm	-31.89 dB

Date: 24.APR.2020 21:32:21

Middle Channel / 16QAM



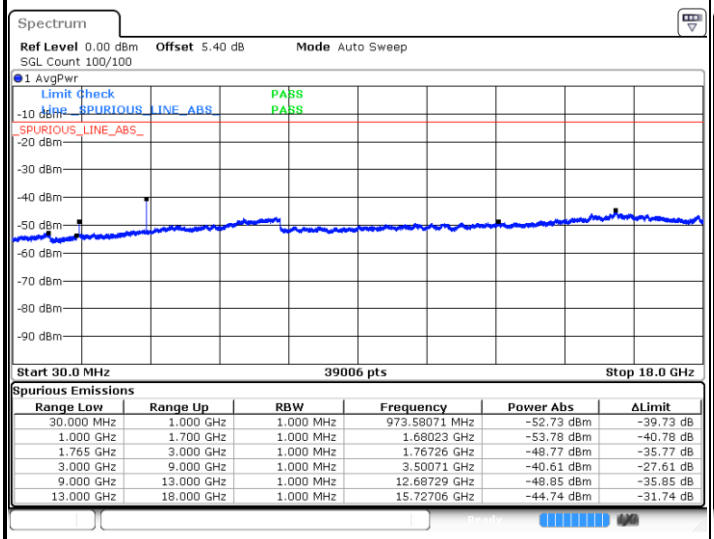
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-52.94 dBm	-39.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-53.40 dBm	-40.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98374 GHz	-52.19 dBm	-39.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-45.54 dBm	-32.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68179 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75081 GHz	-45.00 dBm	-32.00 dB

Date: 24.APR.2020 21:33:15

LTE Band 4 / 5MHz

Highest Channel / QPSK

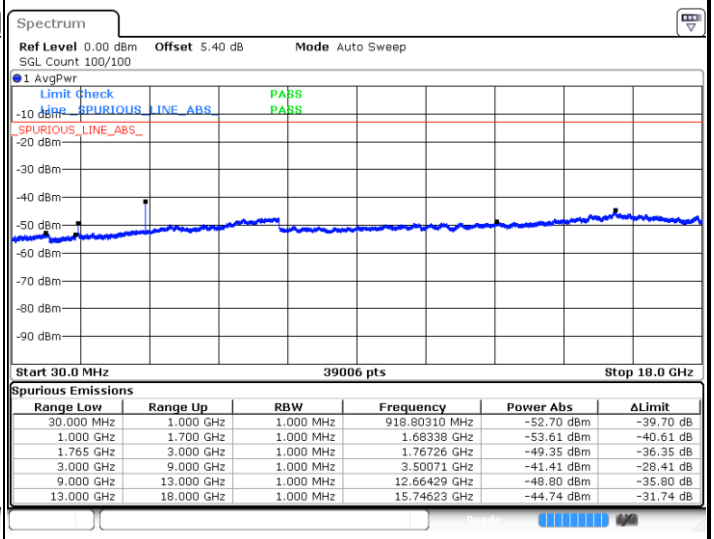


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-52.73 dBm	-39.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68023 GHz	-53.78 dBm	-40.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76726 GHz	-48.77 dBm	-35.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-40.61 dBm	-27.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68729 GHz	-48.85 dBm	-35.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72706 GHz	-44.74 dBm	-31.74 dB

Date: 24.APR.2020 21:39:19

Highest Channel / 16QAM



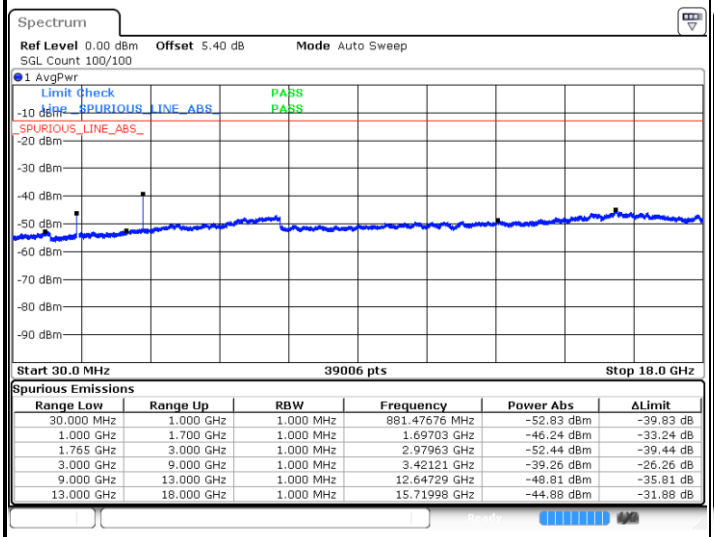
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-52.70 dBm	-39.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-53.61 dBm	-40.61 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76726 GHz	-49.35 dBm	-36.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66429 GHz	-48.80 dBm	-35.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74623 GHz	-44.74 dBm	-31.74 dB

Date: 24.APR.2020 21:40:14

LTE Band 4 / 10MHz

Lowest Channel / QPSK

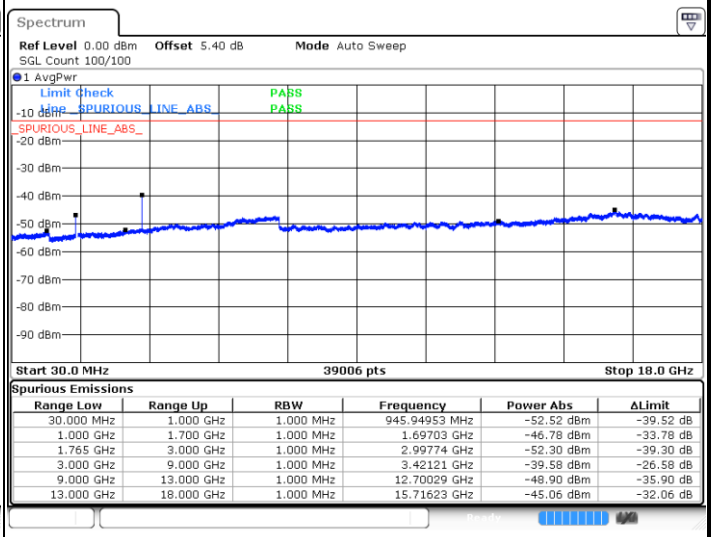


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-52.83 dBm	-39.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-46.24 dBm	-33.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97963 GHz	-52.44 dBm	-39.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-39.26 dBm	-26.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64729 GHz	-48.81 dBm	-35.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71998 GHz	-44.88 dBm	-31.88 dB

Date: 24.APR.2020 21:46:18

Lowest Channel / 16QAM



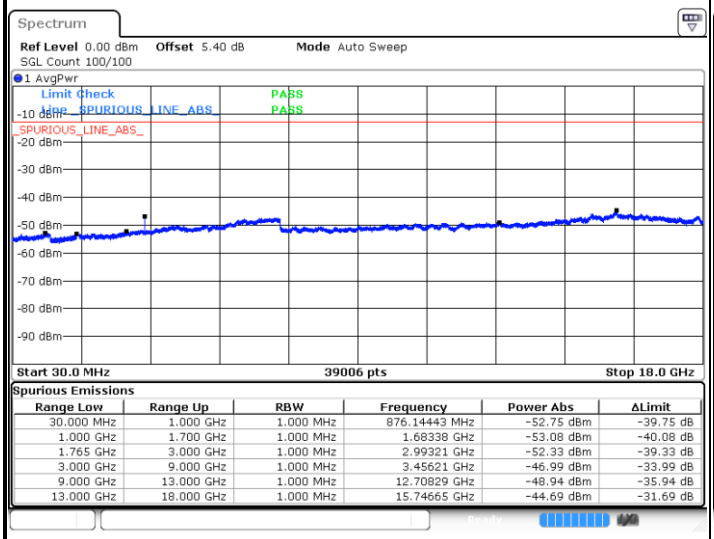
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-52.52 dBm	-39.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-46.78 dBm	-33.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99774 GHz	-52.30 dBm	-39.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-39.58 dBm	-26.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-48.90 dBm	-35.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71623 GHz	-45.06 dBm	-32.06 dB

Date: 24.APR.2020 21:47:12

LTE Band 4 / 10MHz

Middle Channel / QPSK

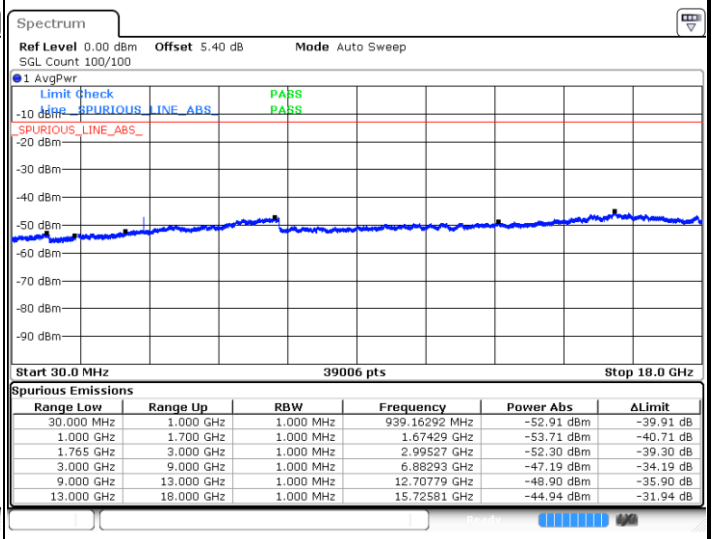


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.14443 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-53.08 dBm	-40.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-52.33 dBm	-39.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-46.99 dBm	-33.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-48.94 dBm	-35.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74665 GHz	-44.69 dBm	-31.69 dB

Date: 24.APR.2020 21:48:46

Middle Channel / 16QAM

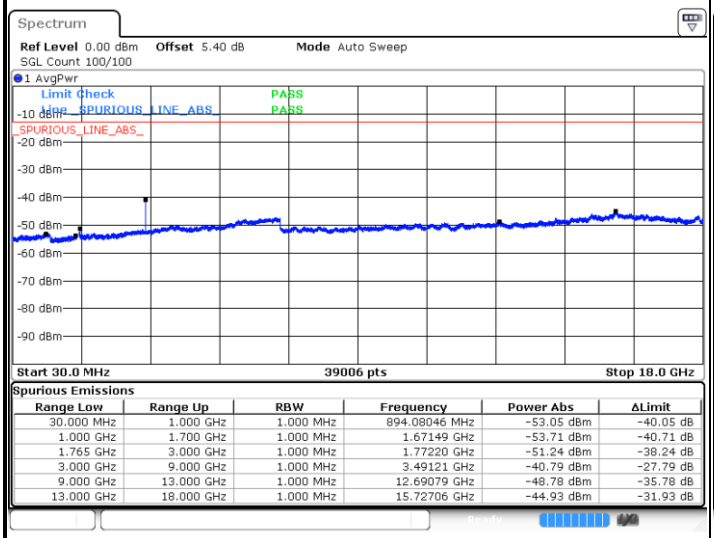


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-52.91 dBm	-39.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67429 GHz	-53.71 dBm	-40.71 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99527 GHz	-52.30 dBm	-39.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88293 GHz	-47.19 dBm	-34.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70779 GHz	-48.90 dBm	-35.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72581 GHz	-44.94 dBm	-31.94 dB

Date: 24.APR.2020 21:49:41

Highest Channel / QPSK

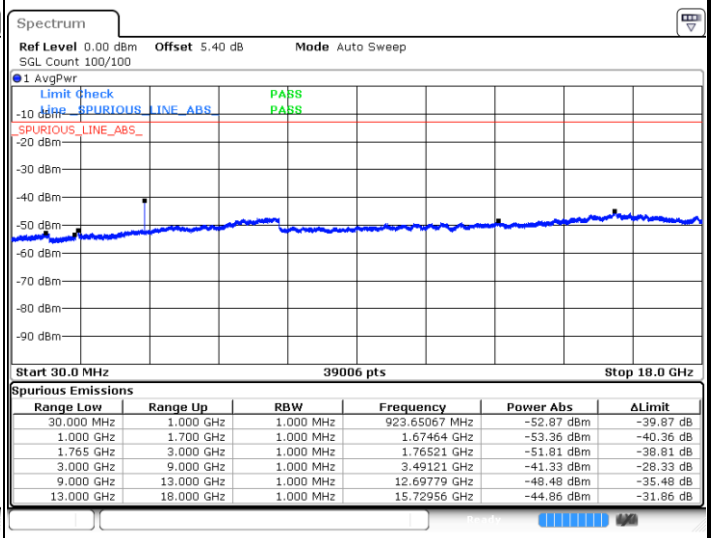


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-53.05 dBm	-40.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67149 GHz	-53.71 dBm	-40.71 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-51.24 dBm	-38.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-40.79 dBm	-27.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69079 GHz	-48.78 dBm	-35.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72706 GHz	-44.93 dBm	-31.93 dB

Date: 24.APR.2020 21:55:45

Highest Channel / 16QAM



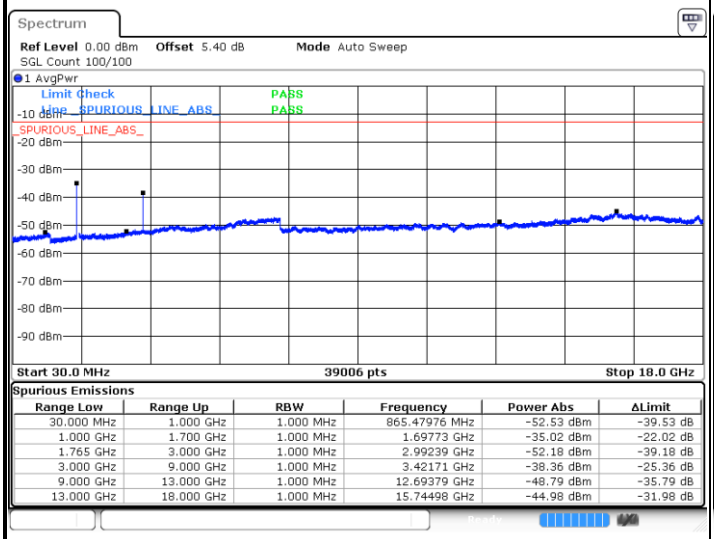
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-52.87 dBm	-39.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67464 GHz	-53.36 dBm	-40.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-51.81 dBm	-38.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-41.33 dBm	-28.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-48.48 dBm	-35.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72956 GHz	-44.86 dBm	-31.86 dB

Date: 24.APR.2020 21:56:39

LTE Band 4 / 15MHz

Lowest Channel / QPSK

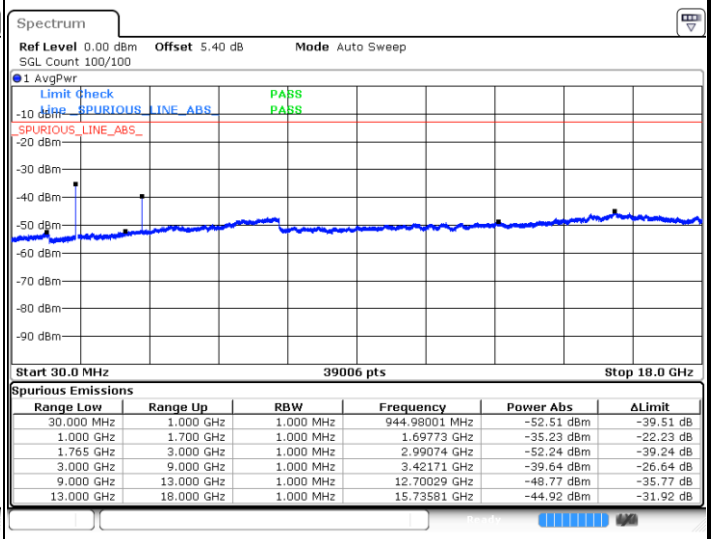


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-52.53 dBm	-39.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-35.02 dBm	-22.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99239 GHz	-52.18 dBm	-39.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-38.36 dBm	-25.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69379 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74498 GHz	-44.98 dBm	-31.98 dB

Date: 24.APR.2020 22:02:43

Lowest Channel / 16QAM

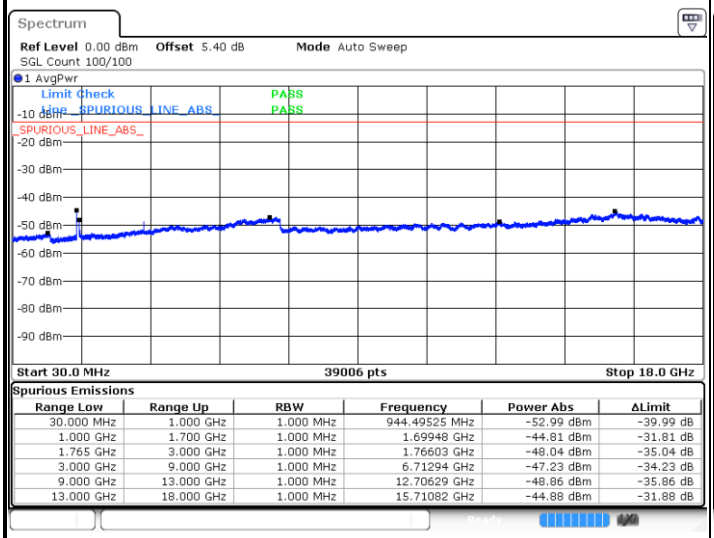


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-52.51 dBm	-39.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-35.23 dBm	-22.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99074 GHz	-52.24 dBm	-39.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-39.64 dBm	-26.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-48.77 dBm	-35.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73581 GHz	-44.92 dBm	-31.92 dB

Date: 24.APR.2020 22:03:38

Middle Channel / QPSK

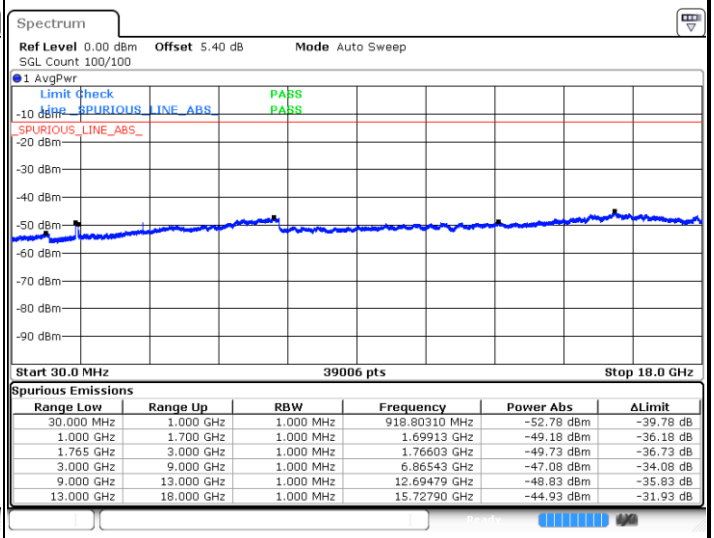


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-52.99 dBm	-39.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.81 dBm	-31.81 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-48.04 dBm	-35.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.71294 GHz	-47.23 dBm	-34.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-48.86 dBm	-35.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71082 GHz	-44.88 dBm	-31.88 dB

Date: 24.APR.2020 22:05:12

Middle Channel / 16QAM



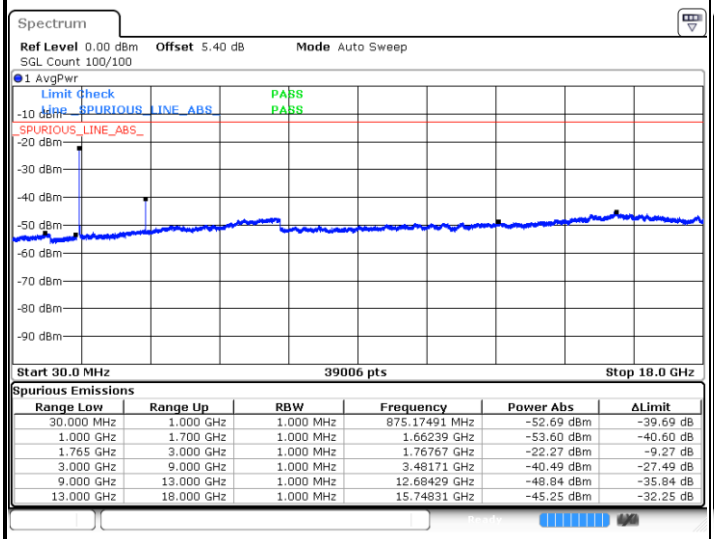
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-52.78 dBm	-39.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-49.18 dBm	-36.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-49.73 dBm	-36.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86543 GHz	-47.08 dBm	-34.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-48.83 dBm	-35.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72790 GHz	-44.93 dBm	-31.93 dB

Date: 24.APR.2020 22:06:06

LTE Band 4 / 15MHz

Highest Channel / QPSK

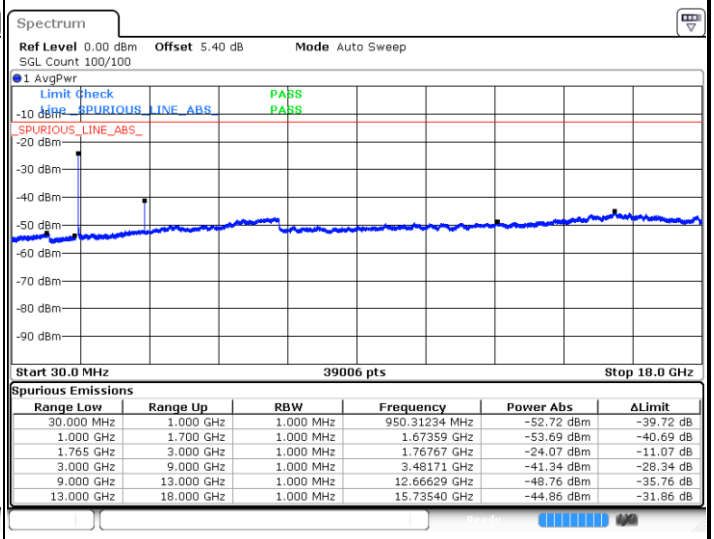


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-52.69 dBm	-39.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66239 GHz	-53.60 dBm	-40.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-22.27 dBm	-9.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-40.49 dBm	-27.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68429 GHz	-48.84 dBm	-35.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74831 GHz	-45.25 dBm	-32.25 dB

Date: 24.APR.2020 22:12:10

Highest Channel / 16QAM



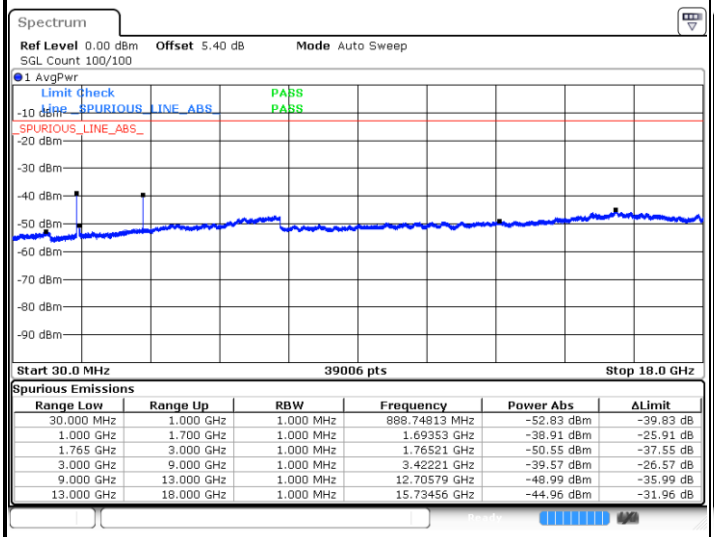
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-52.72 dBm	-39.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67359 GHz	-53.69 dBm	-40.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-24.07 dBm	-11.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-41.34 dBm	-28.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66629 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73540 GHz	-44.86 dBm	-31.86 dB

Date: 24.APR.2020 22:13:04

LTE Band 4 / 20MHz

Lowest Channel / QPSK

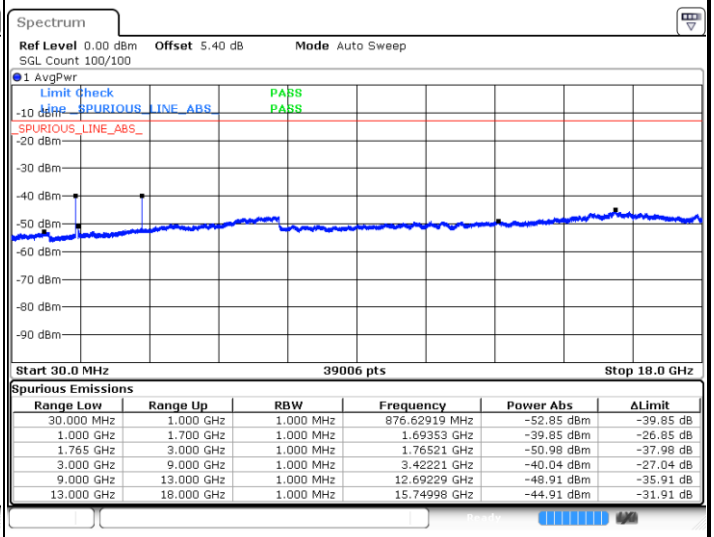


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-52.83 dBm	-39.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-38.91 dBm	-25.91 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.55 dBm	-37.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-39.57 dBm	-26.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70579 GHz	-48.99 dBm	-35.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73456 GHz	-44.96 dBm	-31.96 dB

Date: 24.APR.2020 22:19:08

Lowest Channel / 16QAM



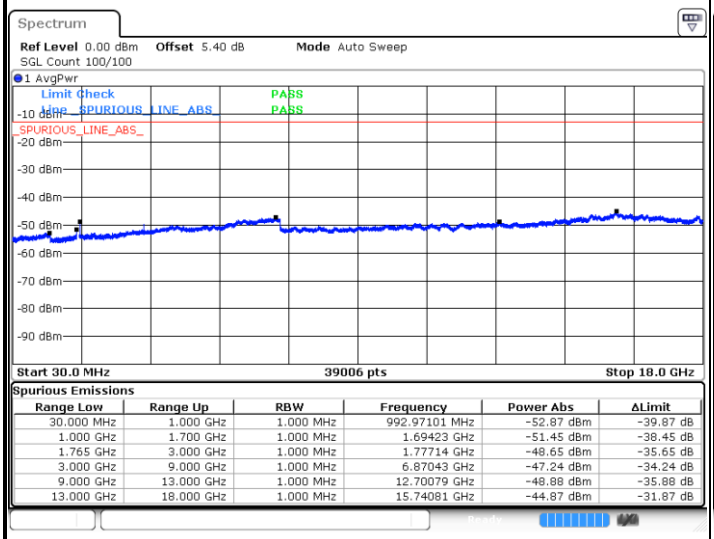
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-52.85 dBm	-39.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-39.85 dBm	-26.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.98 dBm	-37.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-40.04 dBm	-27.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69229 GHz	-48.91 dBm	-35.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74998 GHz	-44.91 dBm	-31.91 dB

Date: 24.APR.2020 22:20:03

LTE Band 4 / 20MHz

Middle Channel / QPSK

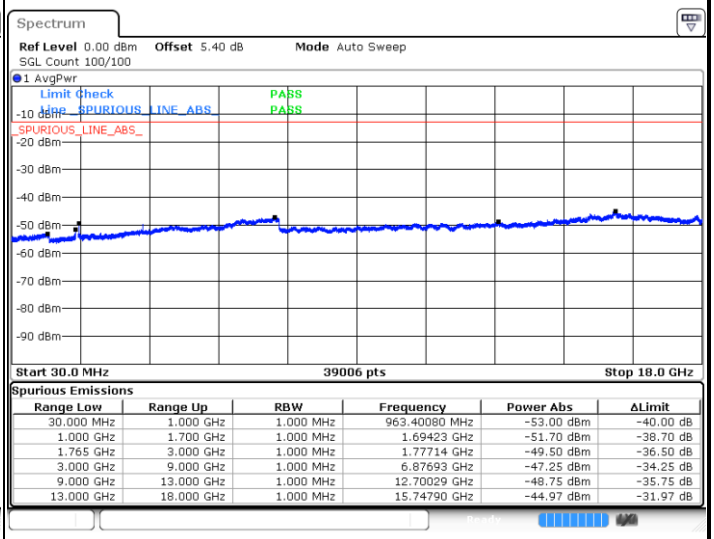


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-52.87 dBm	-39.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-51.45 dBm	-38.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77714 GHz	-48.65 dBm	-35.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87043 GHz	-47.24 dBm	-34.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-48.88 dBm	-35.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74081 GHz	-44.87 dBm	-31.87 dB

Date: 24.APR.2020 22:21:37

Middle Channel / 16QAM

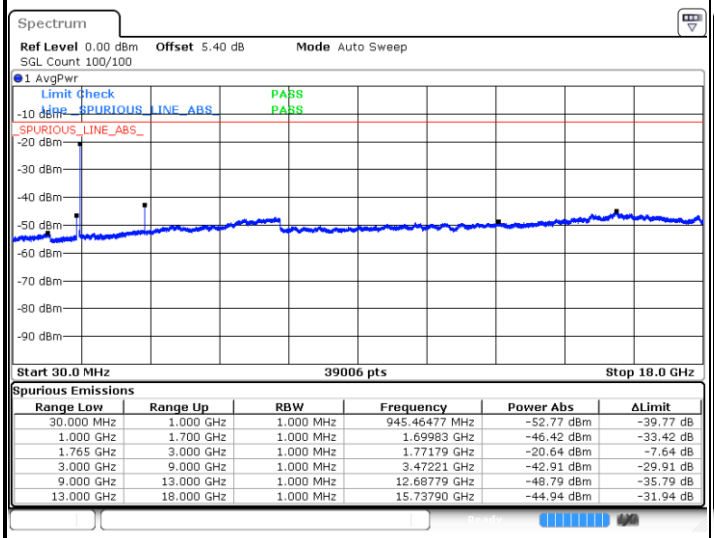


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-53.00 dBm	-40.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-51.70 dBm	-38.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77714 GHz	-49.50 dBm	-36.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87693 GHz	-47.25 dBm	-34.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-48.75 dBm	-35.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74790 GHz	-44.97 dBm	-31.97 dB

Date: 24.APR.2020 22:22:31

Highest Channel / QPSK

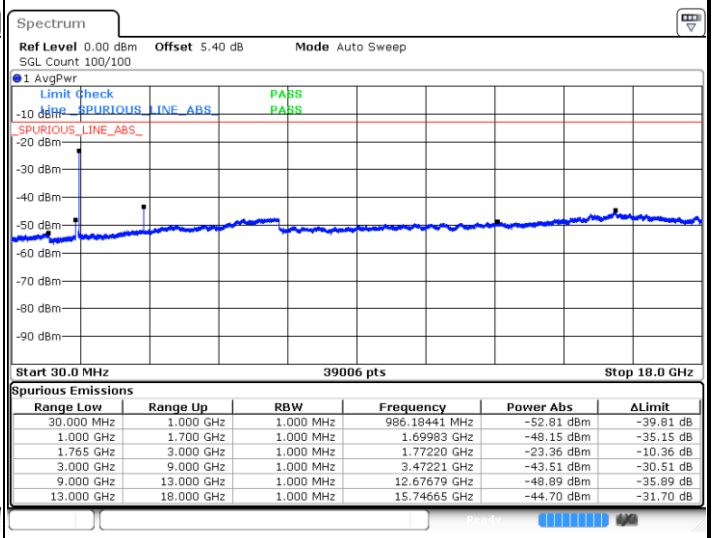


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-52.77 dBm	-39.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-46.42 dBm	-33.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-20.64 dBm	-7.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-42.91 dBm	-29.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68779 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73790 GHz	-44.94 dBm	-31.94 dB

Date: 24.APR.2020 22:28:35

Highest Channel / 16QAM



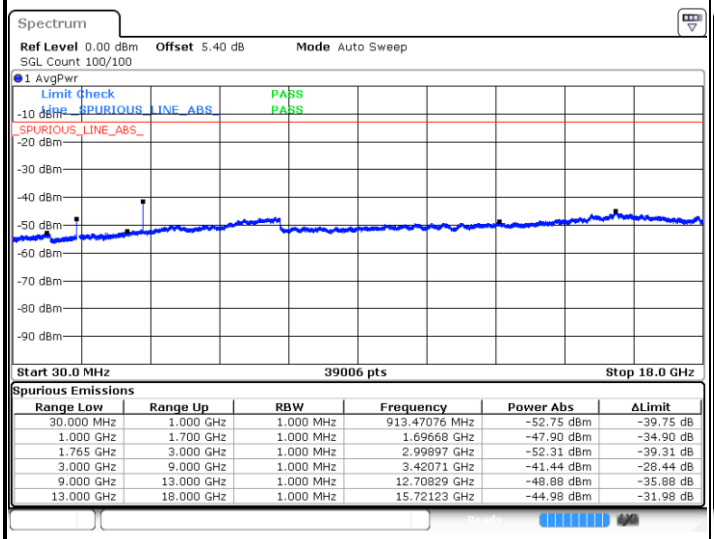
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-52.81 dBm	-39.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.15 dBm	-35.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-23.36 dBm	-10.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-43.51 dBm	-30.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67679 GHz	-48.89 dBm	-35.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74665 GHz	-44.70 dBm	-31.70 dB

Date: 24.APR.2020 22:29:29

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

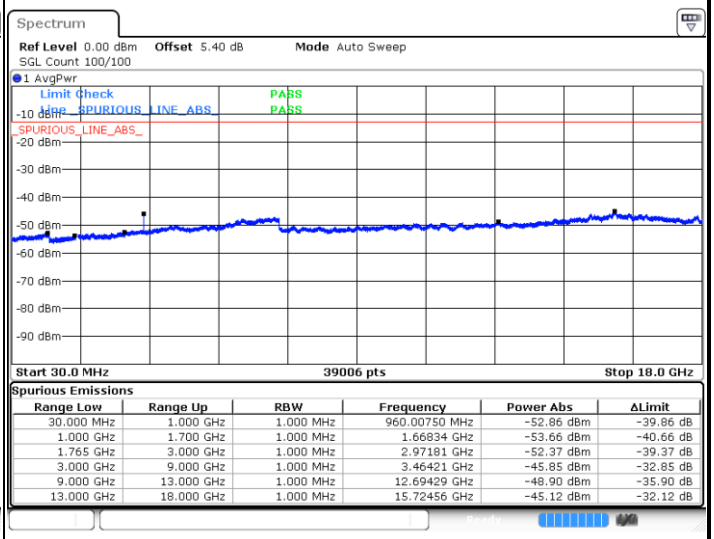


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-47.90 dBm	-34.90 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99897 GHz	-52.31 dBm	-39.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-48.88 dBm	-35.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72123 GHz	-44.98 dBm	-31.98 dB

Date: 24.APR.2020 22:34:53

Middle Channel / 64QAM

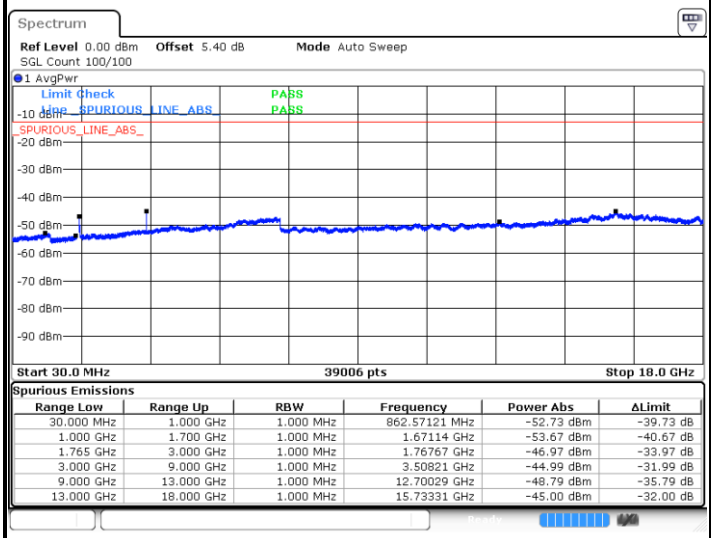


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66834 GHz	-53.66 dBm	-40.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97181 GHz	-52.37 dBm	-39.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-45.85 dBm	-32.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69429 GHz	-48.90 dBm	-35.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72456 GHz	-45.12 dBm	-32.12 dB

Date: 24.APR.2020 22:36:08

Highest Channel / 64QAM



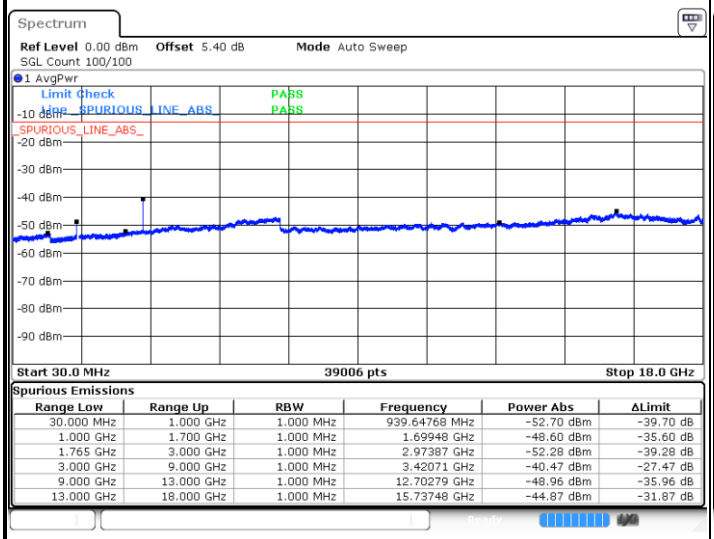
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-52.73 dBm	-39.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67114 GHz	-53.67 dBm	-40.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50821 GHz	-44.99 dBm	-31.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73331 GHz	-45.00 dBm	-32.00 dB

Date: 24.APR.2020 22:39:37

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

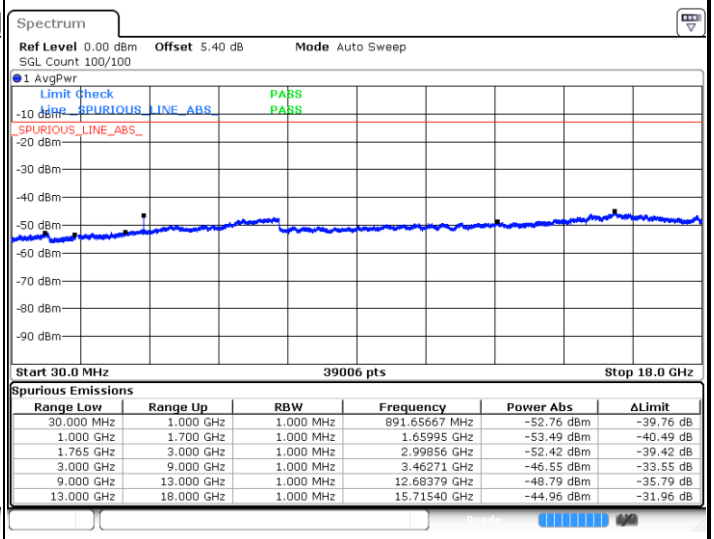


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-52.70 dBm	-39.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-48.60 dBm	-35.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97387 GHz	-52.28 dBm	-39.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-40.47 dBm	-27.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-48.96 dBm	-35.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73748 GHz	-44.87 dBm	-31.87 dB

Date: 24.APR.2020 22:43:07

Middle Channel / 64QAM

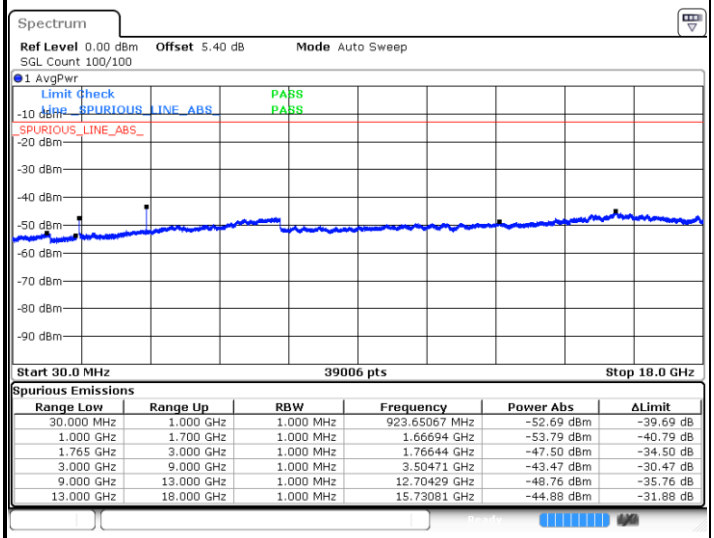


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-52.76 dBm	-39.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65995 GHz	-53.49 dBm	-40.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99856 GHz	-52.42 dBm	-39.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-46.55 dBm	-33.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68379 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71540 GHz	-44.96 dBm	-31.96 dB

Date: 24.APR.2020 22:44:21

Highest Channel / 64QAM



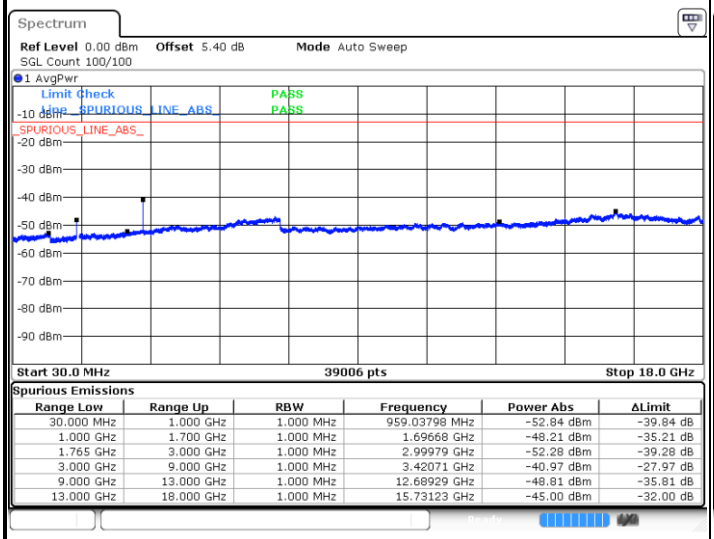
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-52.69 dBm	-39.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66694 GHz	-53.79 dBm	-40.79 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76644 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-43.47 dBm	-30.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70429 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73081 GHz	-44.88 dBm	-31.88 dB

Date: 24.APR.2020 22:47:51

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

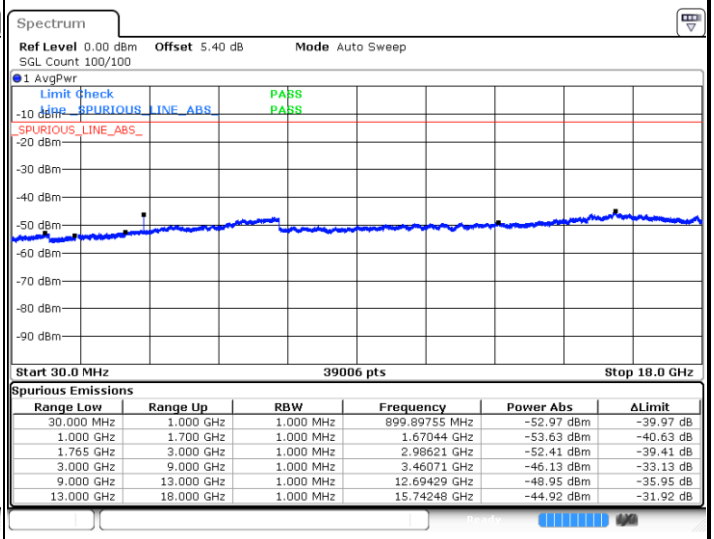


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-52.84 dBm	-39.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-48.21 dBm	-35.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99979 GHz	-52.28 dBm	-39.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-40.97 dBm	-27.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68929 GHz	-48.81 dBm	-35.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73123 GHz	-45.00 dBm	-32.00 dB

Date: 24.APR.2020 22:51:20

Middle Channel / 64QAM

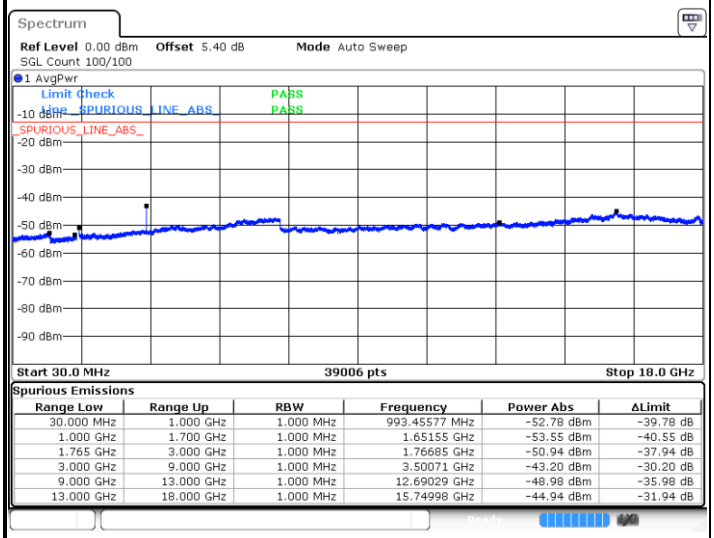


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-52.97 dBm	-39.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67044 GHz	-53.63 dBm	-40.63 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98621 GHz	-52.41 dBm	-39.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-46.13 dBm	-33.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69429 GHz	-48.95 dBm	-35.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74248 GHz	-44.92 dBm	-31.92 dB

Date: 24.APR.2020 22:52:35

Highest Channel / 64QAM



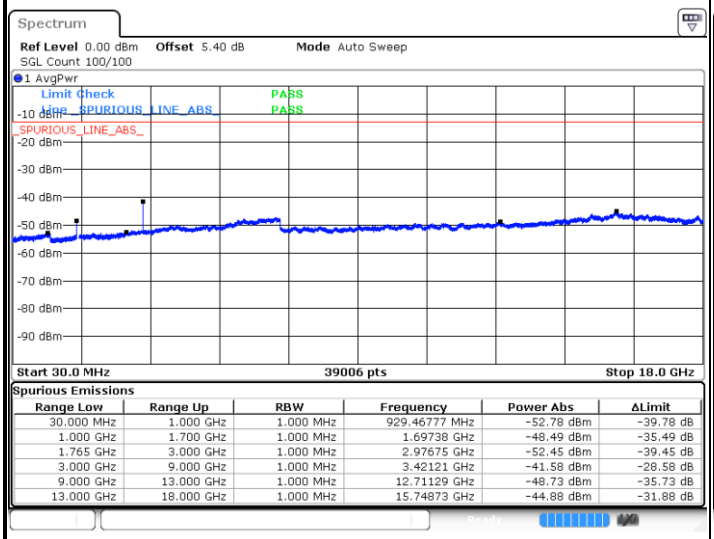
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-52.78 dBm	-39.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65155 GHz	-53.55 dBm	-40.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76685 GHz	-50.94 dBm	-37.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-43.20 dBm	-30.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69029 GHz	-48.98 dBm	-35.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74998 GHz	-44.94 dBm	-31.94 dB

Date: 24.APR.2020 22:56:04

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

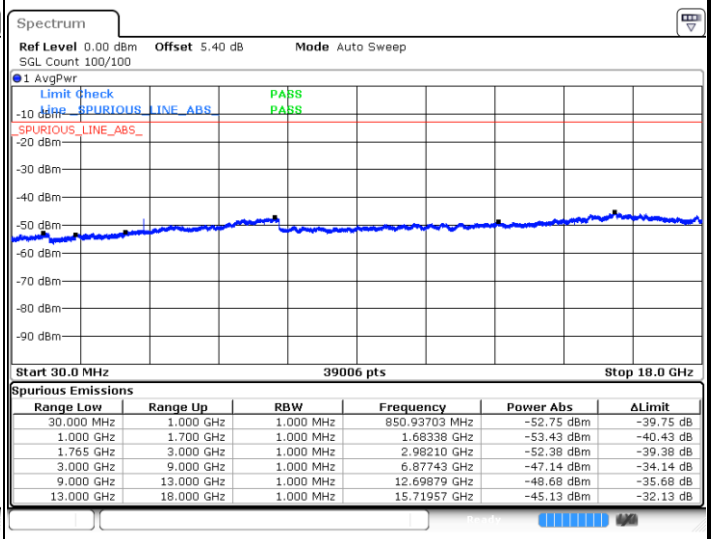


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-52.78 dBm	-39.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-48.49 dBm	-35.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97675 GHz	-52.45 dBm	-39.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-41.58 dBm	-28.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71129 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74873 GHz	-44.88 dBm	-31.88 dB

Date: 24.APR.2020 22:59:33

Middle Channel / 64QAM

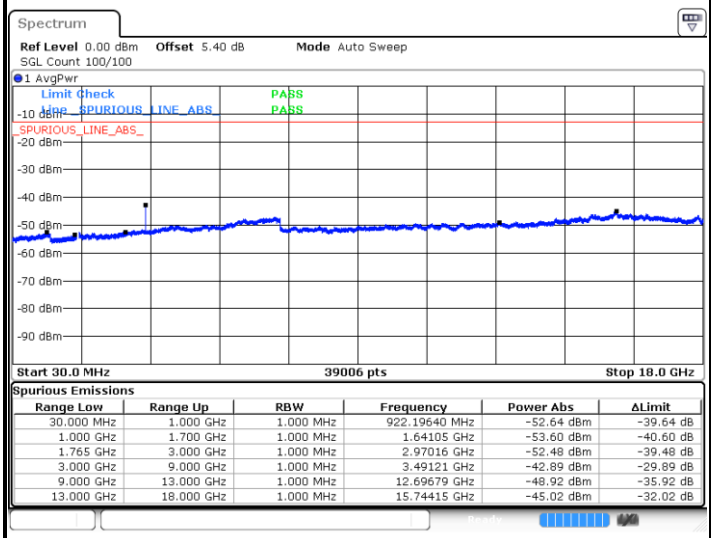


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	850.93703 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68338 GHz	-53.43 dBm	-40.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98210 GHz	-52.38 dBm	-39.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87743 GHz	-47.14 dBm	-34.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-48.68 dBm	-35.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.71957 GHz	-45.13 dBm	-32.13 dB

Date: 24.APR.2020 23:00:48

Highest Channel / 64QAM



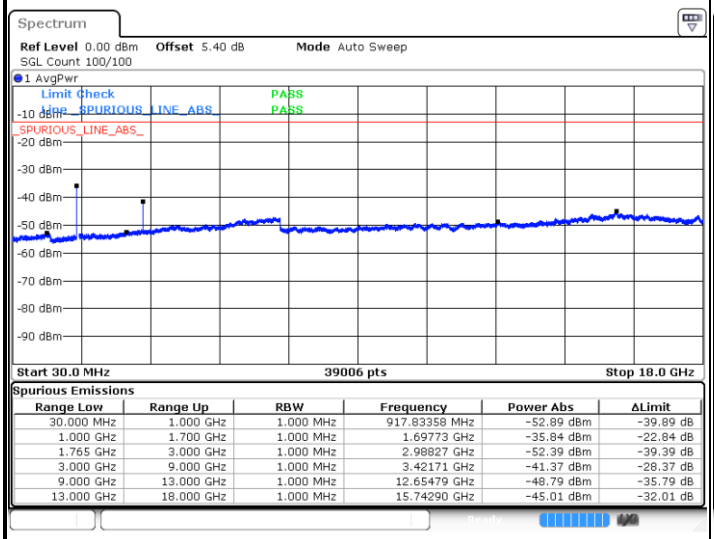
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-52.64 dBm	-39.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64105 GHz	-53.60 dBm	-40.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97016 GHz	-52.48 dBm	-39.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-42.89 dBm	-29.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-48.92 dBm	-35.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74415 GHz	-45.02 dBm	-32.02 dB

Date: 24.APR.2020 23:04:17

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

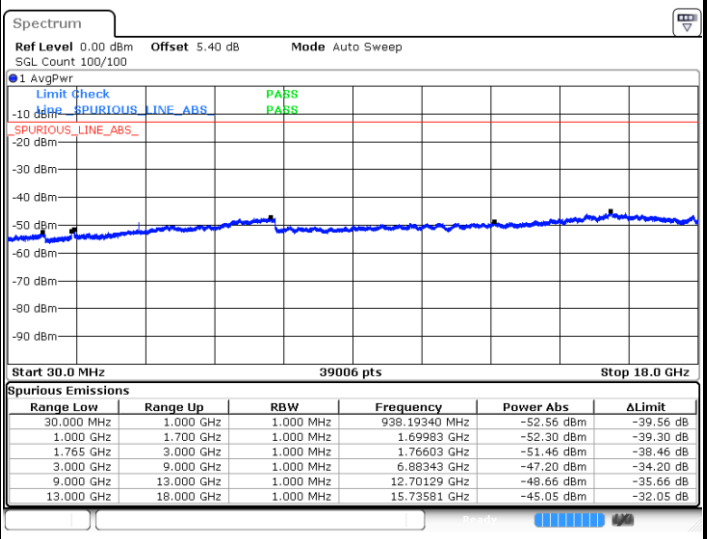


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-52.89 dBm	-39.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-35.84 dBm	-22.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-52.39 dBm	-39.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-41.37 dBm	-28.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65479 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74290 GHz	-45.01 dBm	-32.01 dB

Date: 24.APR.2020 23:07:46

Middle Channel / 64QAM

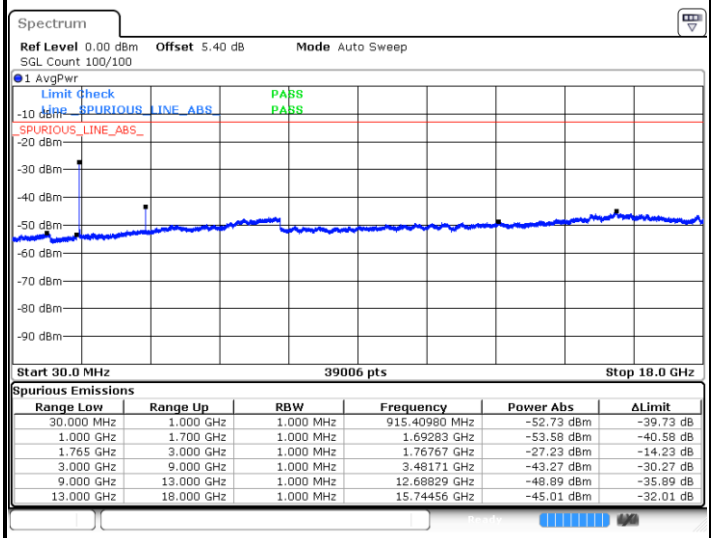


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-52.56 dBm	-39.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-52.30 dBm	-39.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-51.46 dBm	-38.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88343 GHz	-47.20 dBm	-34.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70129 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.73581 GHz	-45.05 dBm	-32.05 dB

Date: 24.APR.2020 23:09:01

Highest Channel / 64QAM



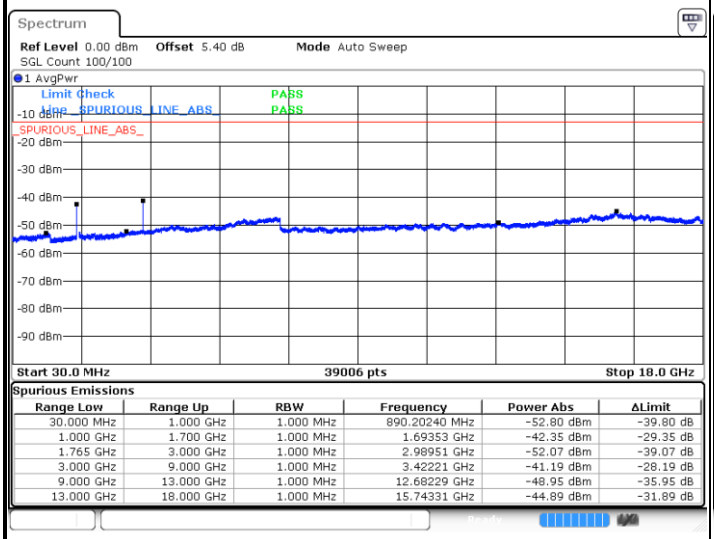
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-52.73 dBm	-39.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-53.58 dBm	-40.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-27.23 dBm	-14.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-43.27 dBm	-30.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68829 GHz	-48.89 dBm	-35.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74456 GHz	-45.01 dBm	-32.01 dB

Date: 24.APR.2020 23:12:30

LTE Band 4 / 20MHz

Lowest Channel / 64QAM

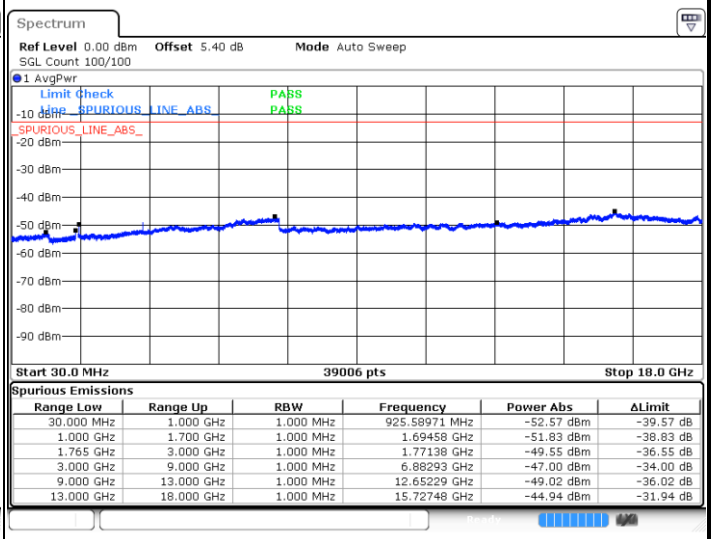


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-52.80 dBm	-39.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-42.35 dBm	-29.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98951 GHz	-52.07 dBm	-39.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-41.19 dBm	-28.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-48.95 dBm	-35.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74331 GHz	-44.89 dBm	-31.89 dB

Date: 24.APR.2020 23:15:59

Middle Channel / 64QAM

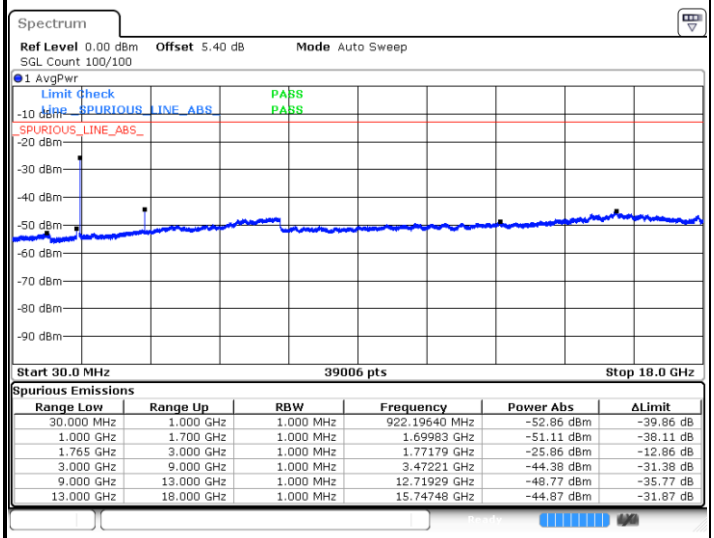


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-52.57 dBm	-39.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-51.83 dBm	-38.83 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77138 GHz	-49.55 dBm	-36.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88293 GHz	-47.00 dBm	-34.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65229 GHz	-49.02 dBm	-36.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.72748 GHz	-44.94 dBm	-31.94 dB

Date: 24.APR.2020 23:17:14

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-51.11 dBm	-38.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-25.86 dBm	-12.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-44.38 dBm	-31.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71929 GHz	-48.77 dBm	-35.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74748 GHz	-44.87 dBm	-31.87 dB

Date: 24.APR.2020 23:20:44

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	0.0006	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
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	0.0012	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

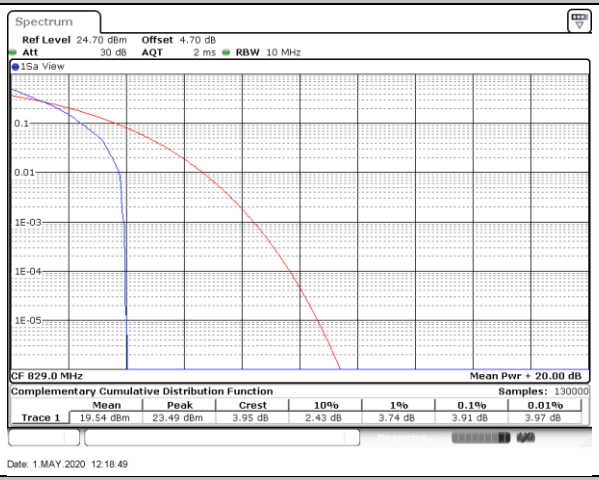
LTE Band 5

Peak-to-Average Ratio

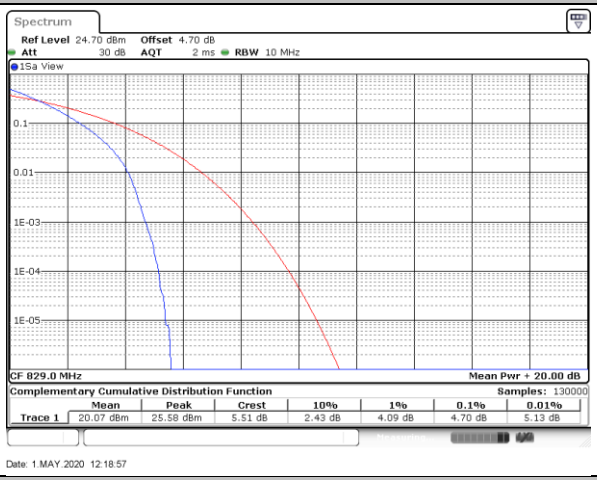
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.91	4.70	4.67	5.62	PASS
Middle CH	4.43	4.90	4.75	5.77	
Highest CH	4.14	4.67	4.72	5.62	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.54	6.06	-	-	PASS
Middle CH	6.06	6.23	-	-	
Highest CH	6.00	6.12	-	-	

LTE Band 5 / 10MHz / QPSK

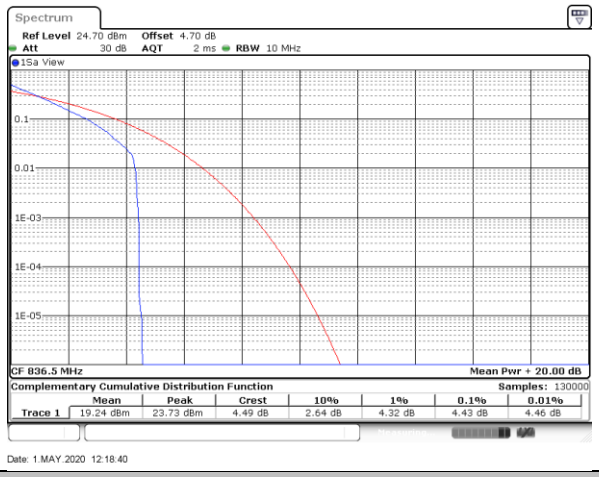
Lowest Channel / 1RB



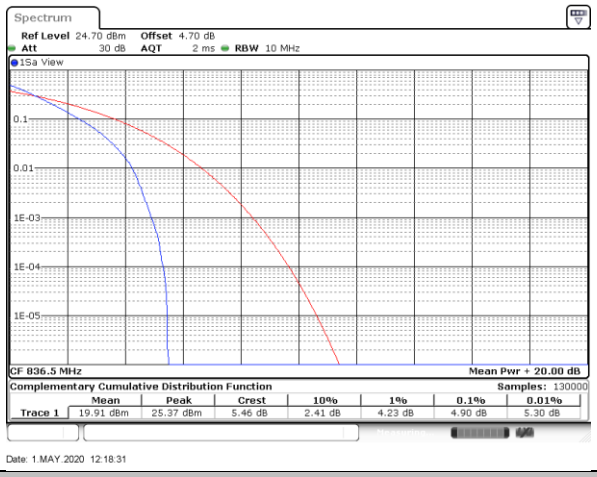
Lowest Channel / Full RB



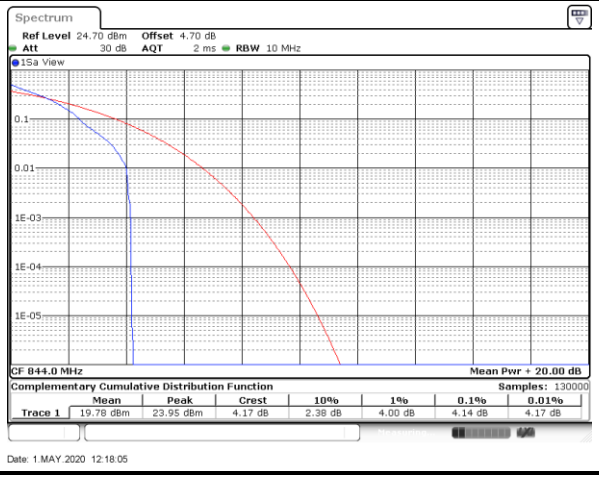
Middle Channel / 1RB



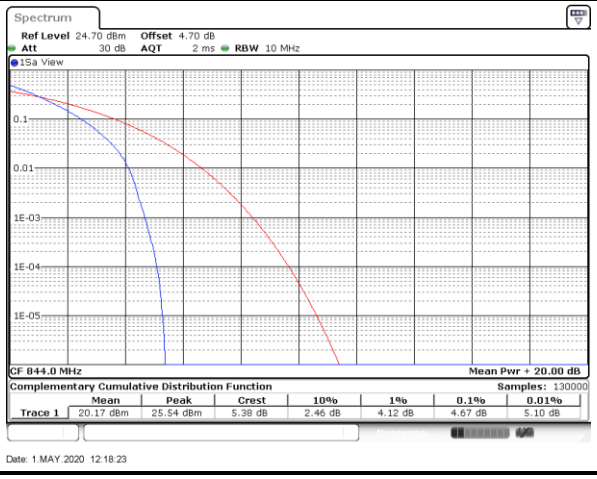
Middle Channel / Full RB



Highest Channel / 1RB

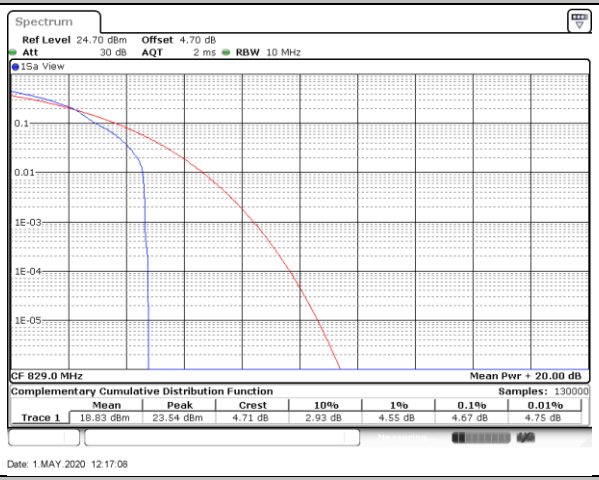


Highest Channel / Full RB

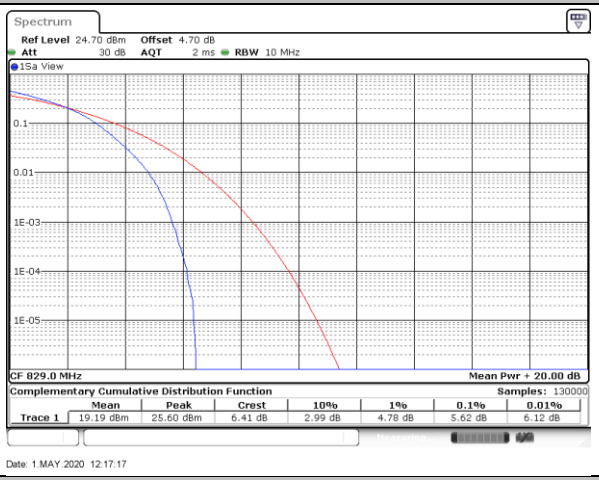


LTE Band 5 / 10MHz / 16QAM

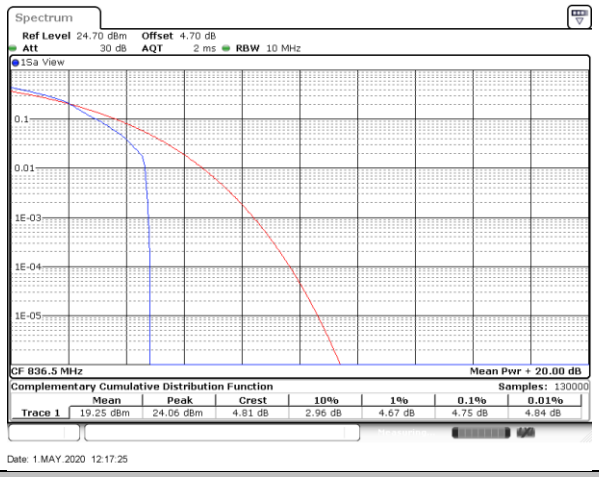
Lowest Channel / 1RB



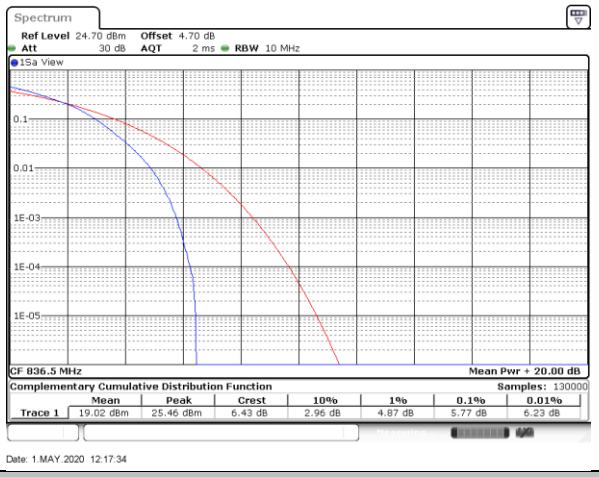
Lowest Channel / Full RB



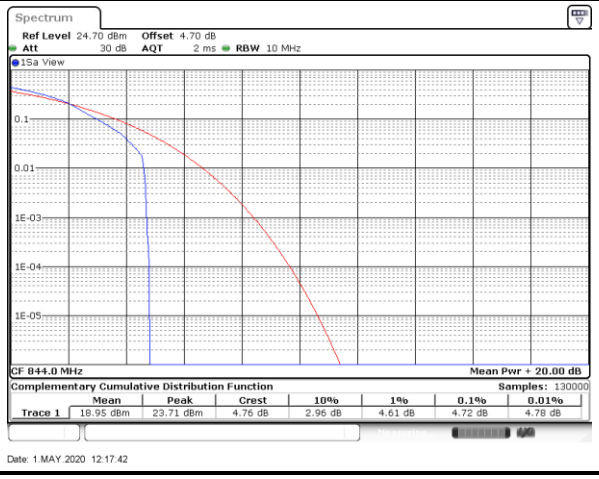
Middle Channel / 1RB



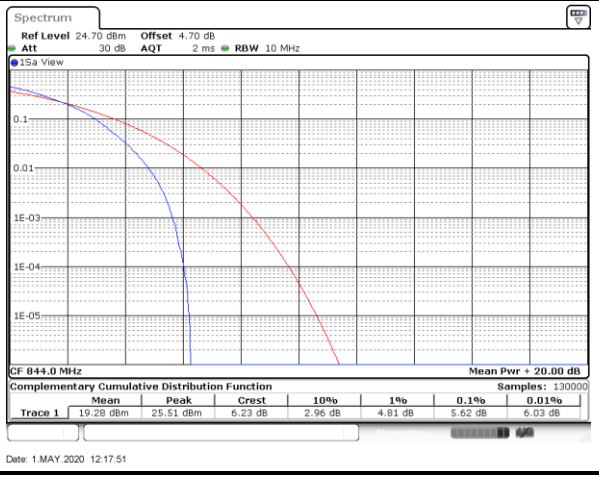
Middle Channel / Full RB



Highest Channel / 1RB

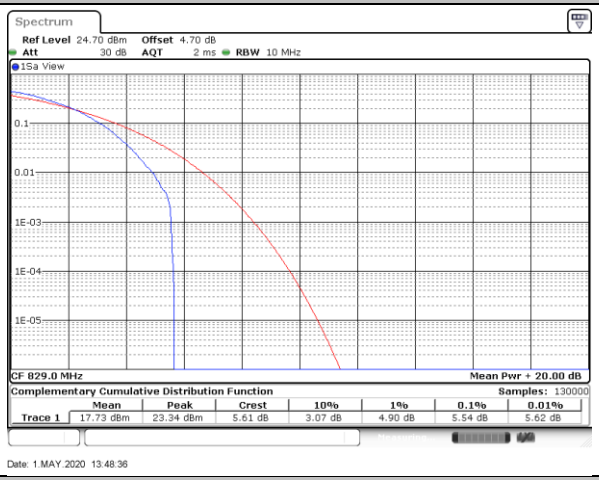


Highest Channel / Full RB

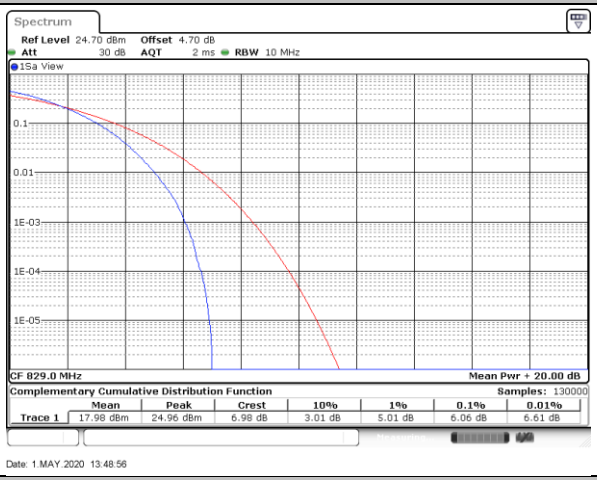


LTE Band 5 / 10MHz / 64QAM

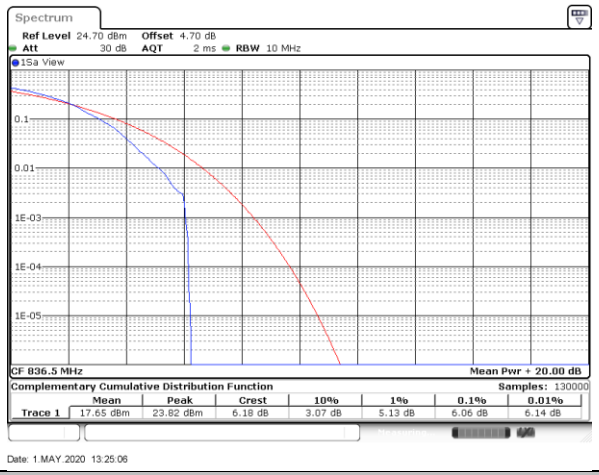
Lowest Channel / 1RB



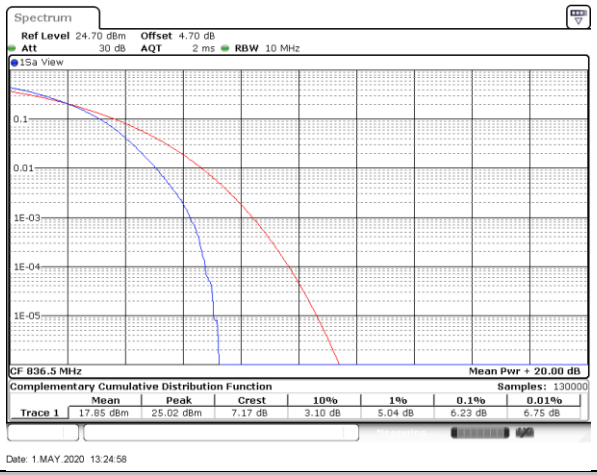
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

Highest Channel / Full RB

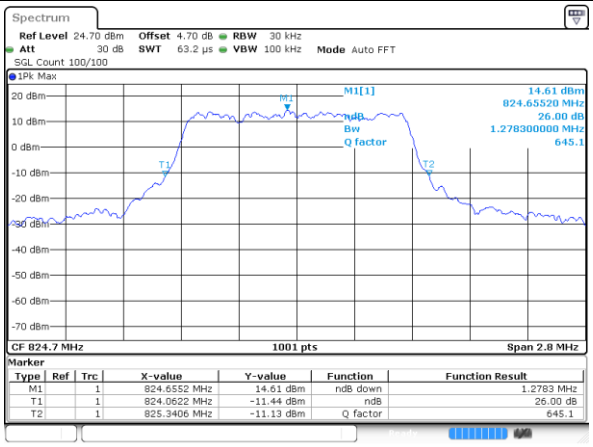
26dB Bandwidth

Mode	LTE Band 5 : 26dB BW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.28	2.99	3.01	4.92	4.88	9.93	9.63
Middle CH	1.24	1.26	3.03	2.99	4.97	4.88	9.87	9.73
Highest CH	1.26	1.30	3.02	3.02	4.90	4.89	9.75	9.73

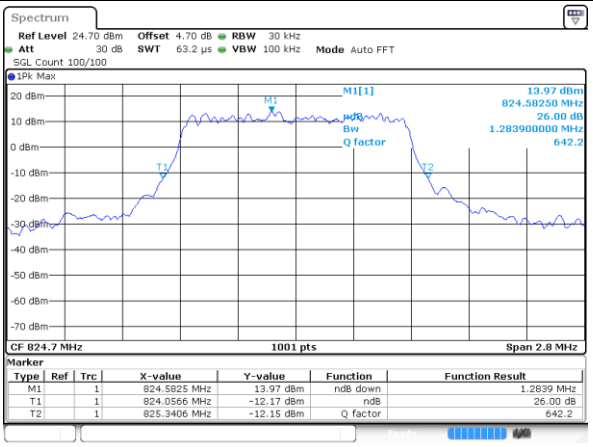
Mode	LTE Band 5 : 26dB BW(MHz)			
BW	1.4MHz	3MHz	5MHz	10MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.26	3.03	4.96	9.69
Middle CH	1.27	3.03	4.91	9.81
Highest CH	1.28	3.00	4.86	9.77

LTE Band 5

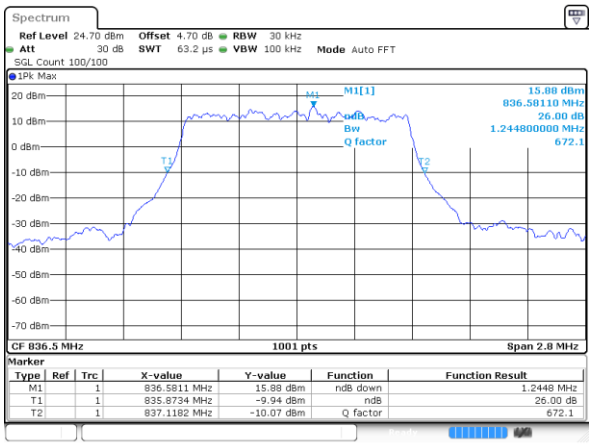
Lowest Channel / 1.4MHz / QPSK



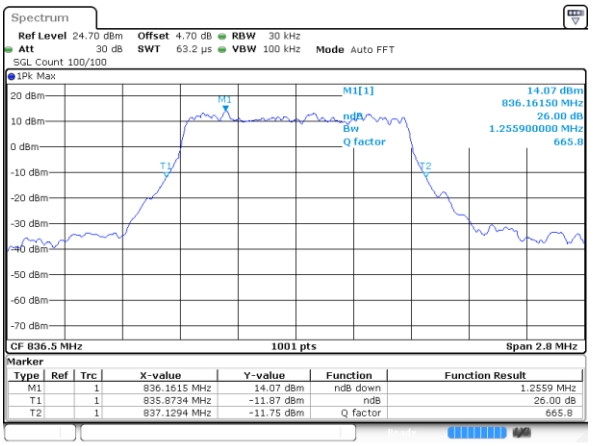
Lowest Channel / 1.4MHz / 16QAM



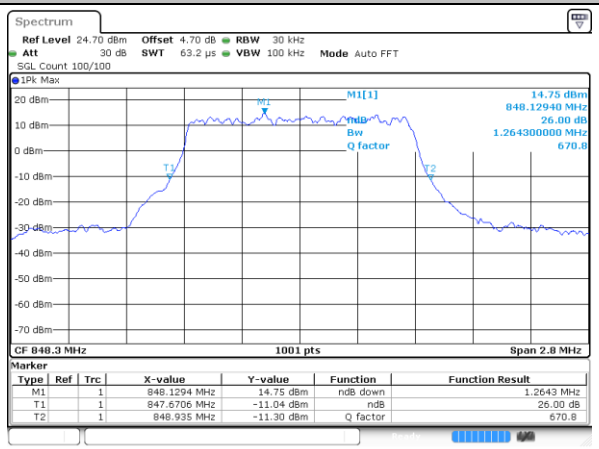
Middle Channel / 1.4MHz / QPSK



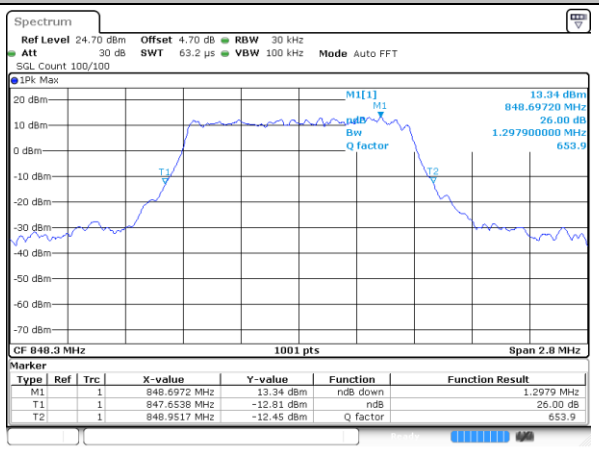
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

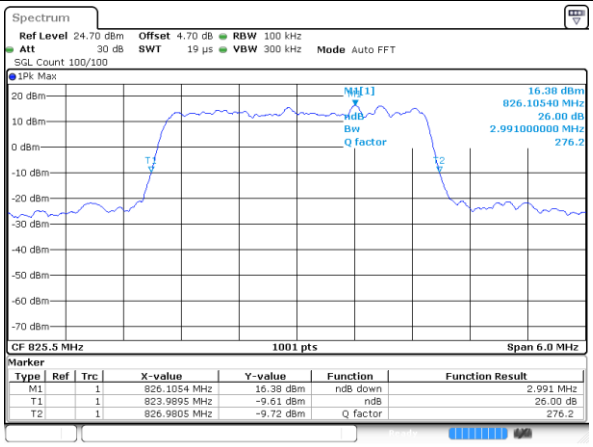


Highest Channel / 1.4MHz / 16QAM

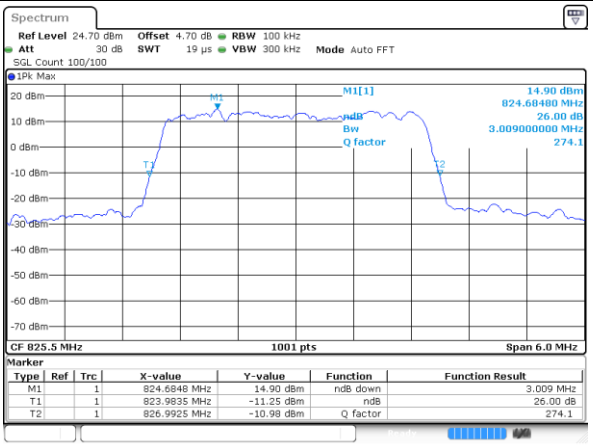


LTE Band 5

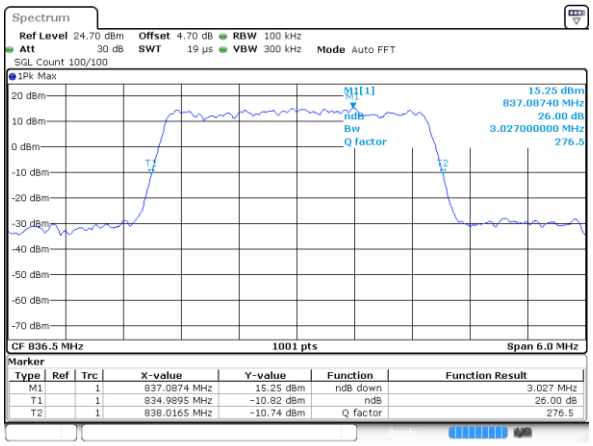
Lowest Channel / 3MHz / QPSK



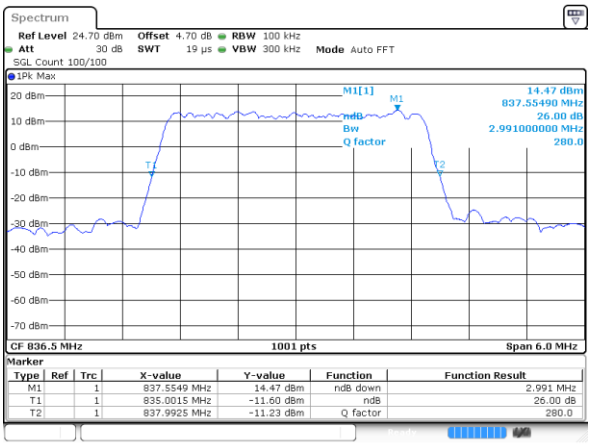
Lowest Channel / 3MHz / 16QAM



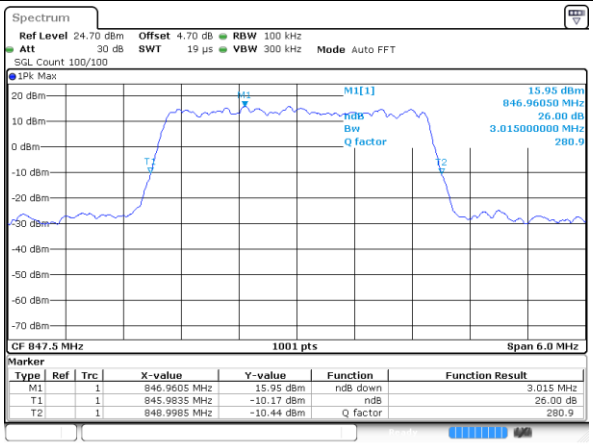
Middle Channel / 3MHz / QPSK



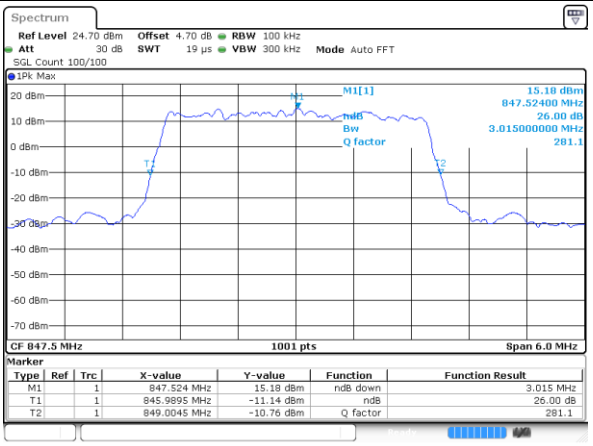
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

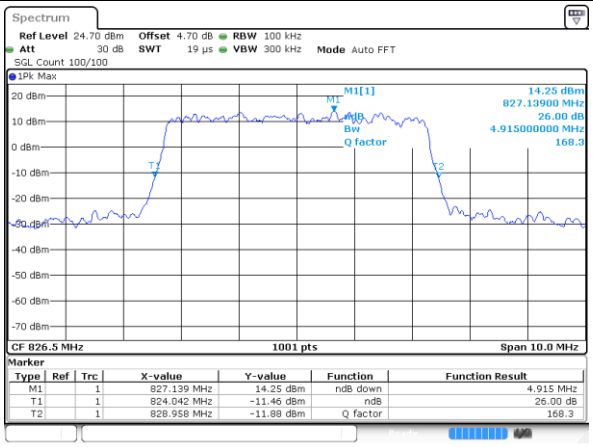


Highest Channel / 3MHz / 16QAM

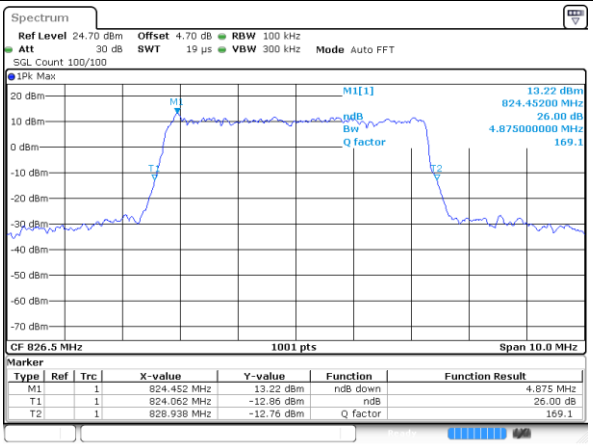


LTE Band 5

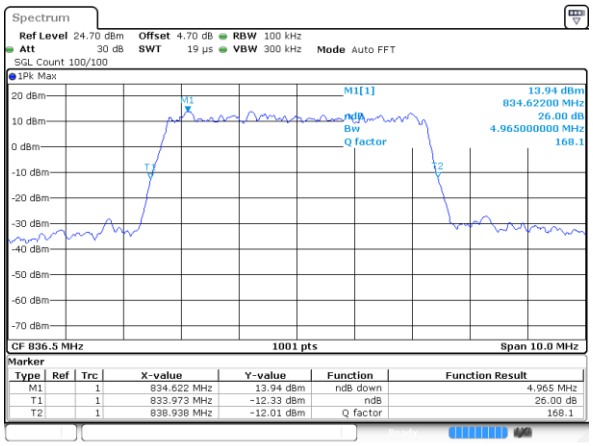
Lowest Channel / 5MHz / QPSK



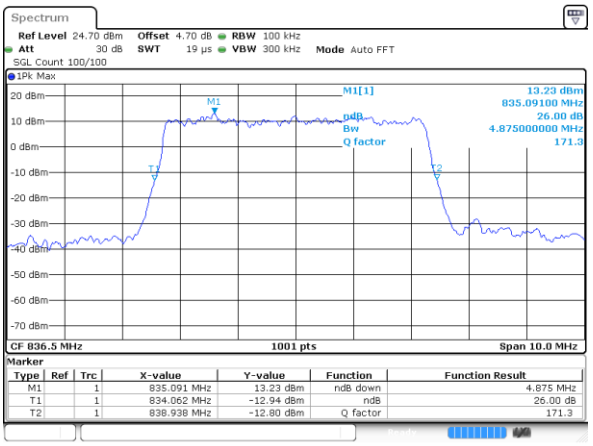
Lowest Channel / 5MHz / 16QAM



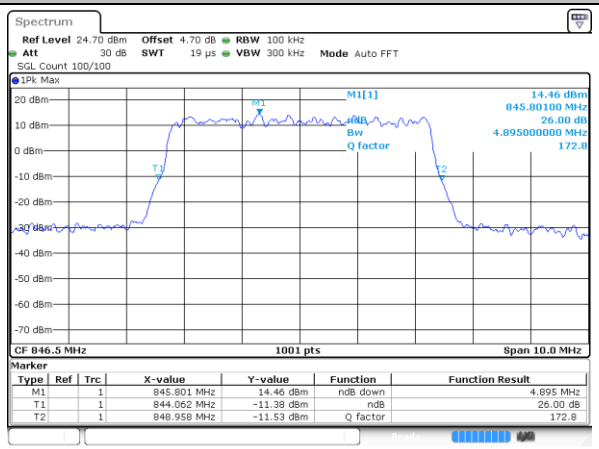
Middle Channel / 5MHz / QPSK



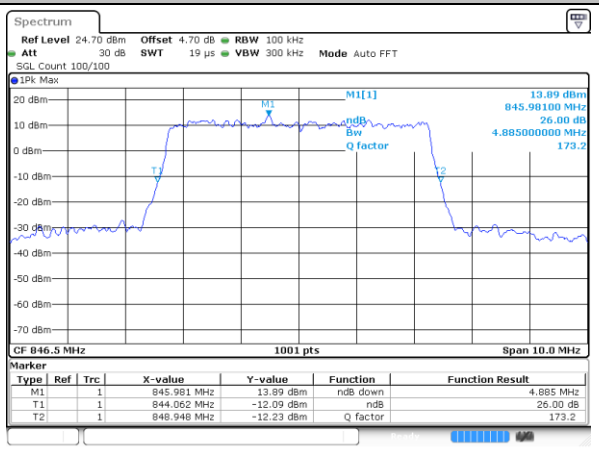
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

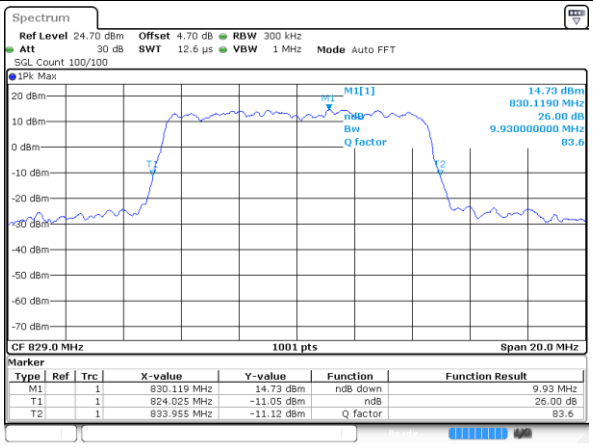


Highest Channel / 5MHz / 16QAM

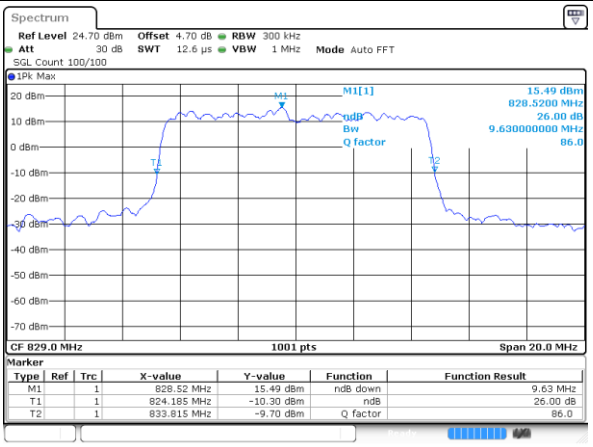


LTE Band 5

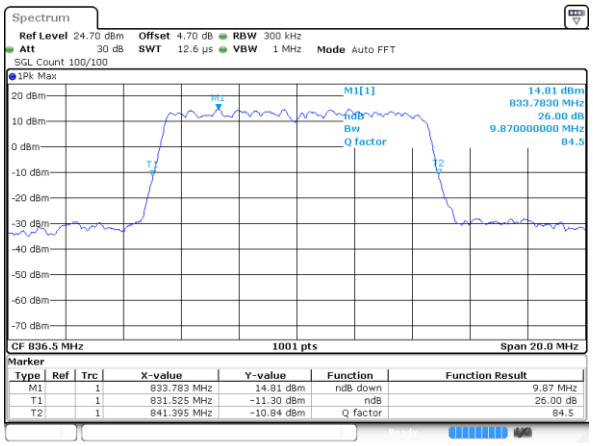
Lowest Channel / 10MHz / QPSK



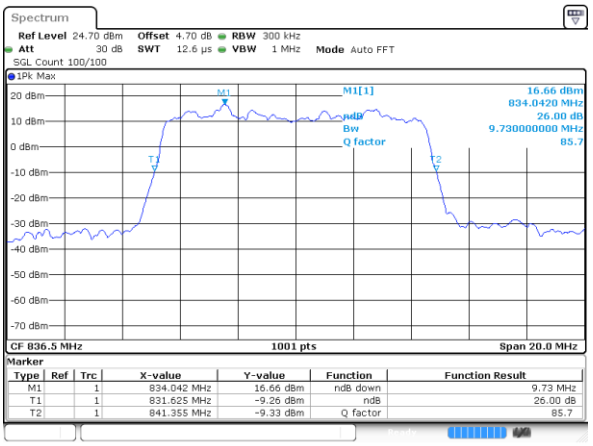
Lowest Channel / 10MHz / 16QAM



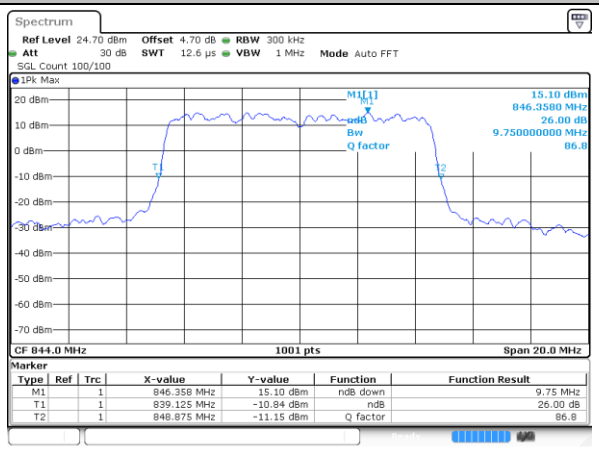
Middle Channel / 10MHz / QPSK



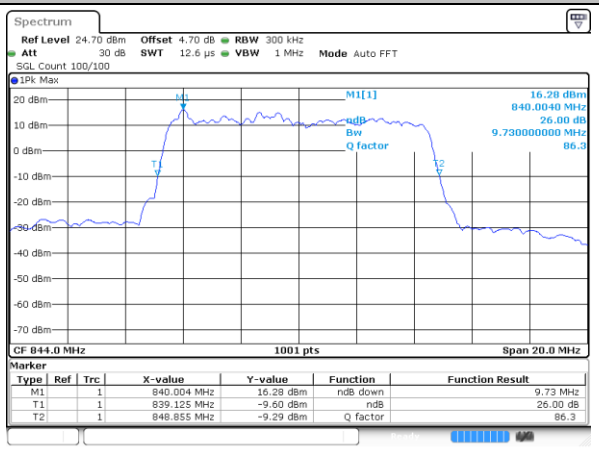
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

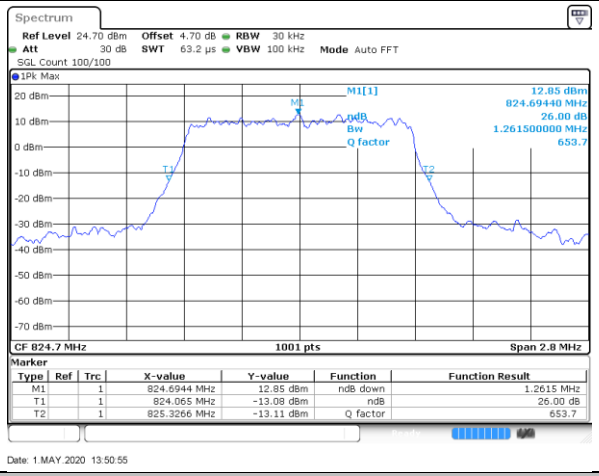


Highest Channel / 10MHz / 16QAM

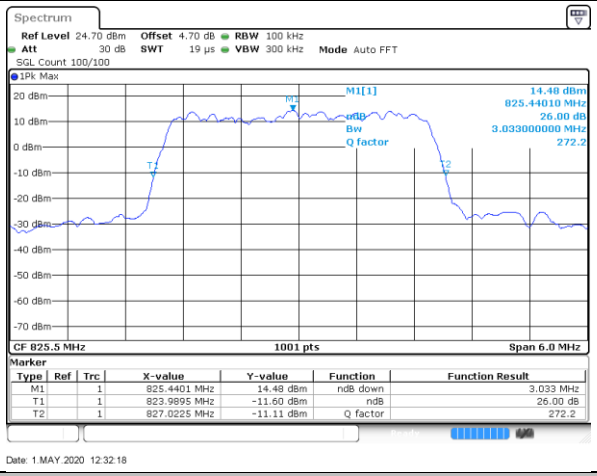


LTE Band 5

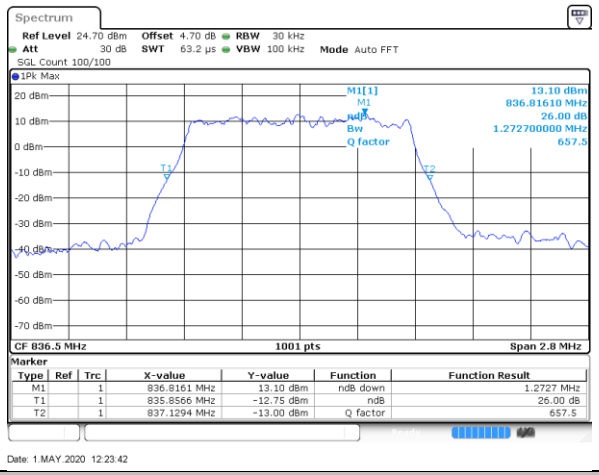
Lowest Channel / 1.4MHz / 64QAM



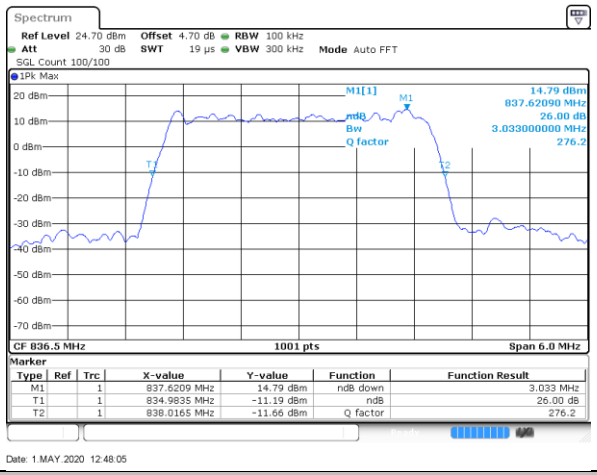
Lowest Channel / 3MHz / 64QAM



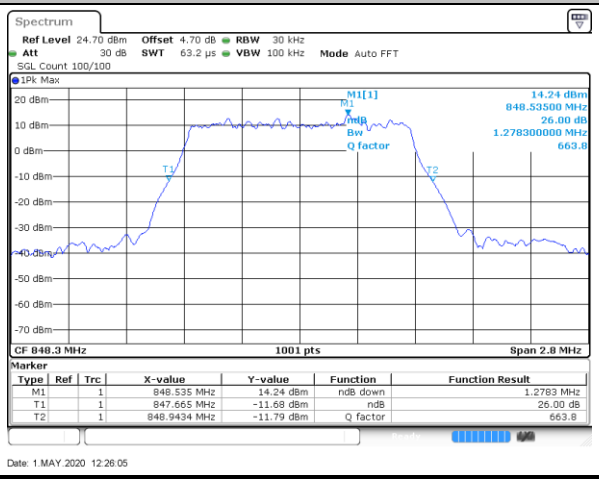
Middle Channel / 1.4MHz / 64QAM



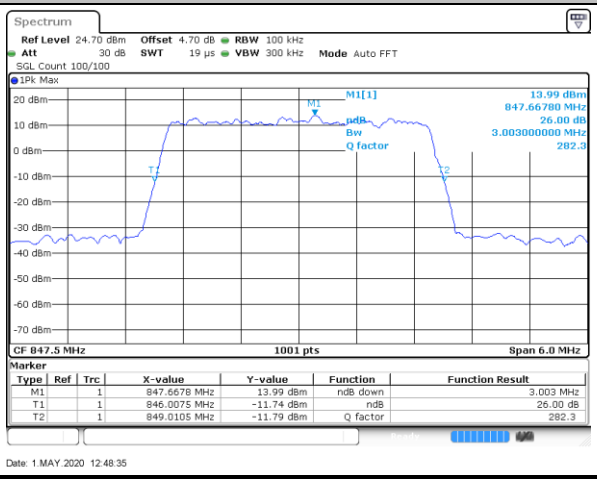
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

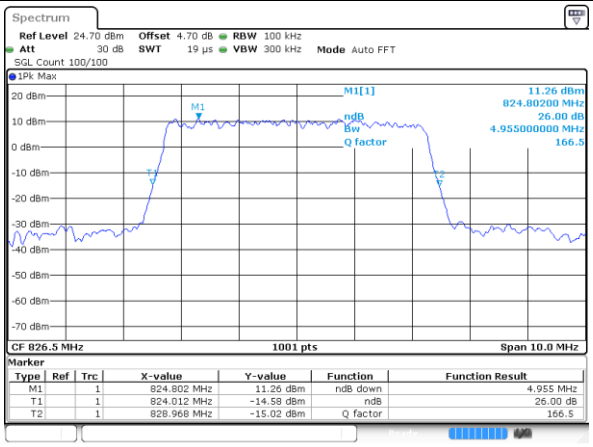


Highest Channel / 3MHz / 64QAM

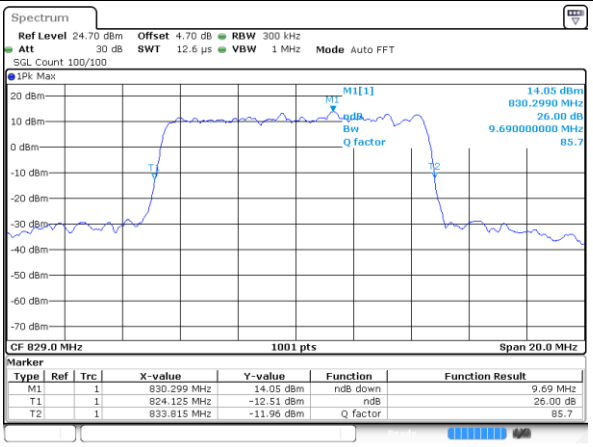


LTE Band 5

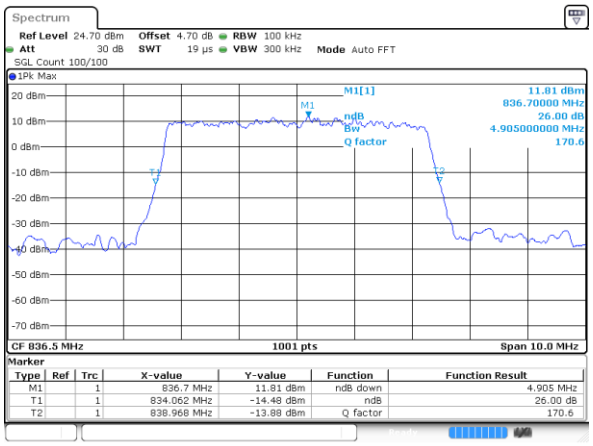
Lowest Channel / 5MHz / 64QAM



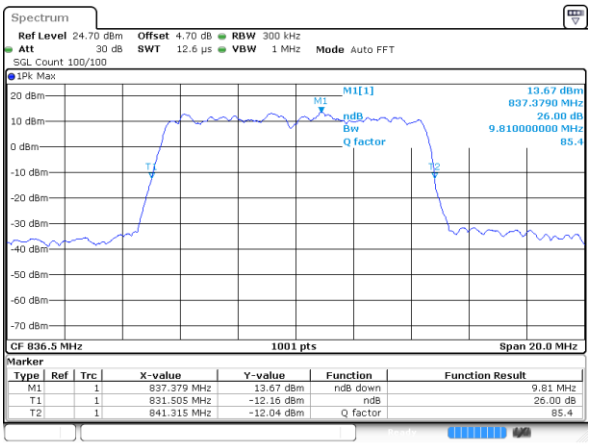
Lowest Channel / 10MHz / 64QAM



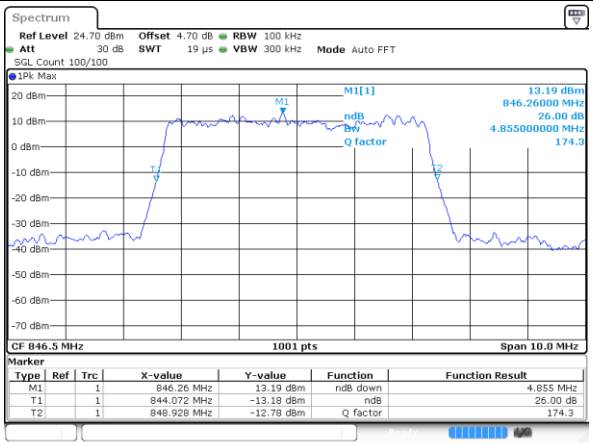
Middle Channel / 5MHz / 64QAM



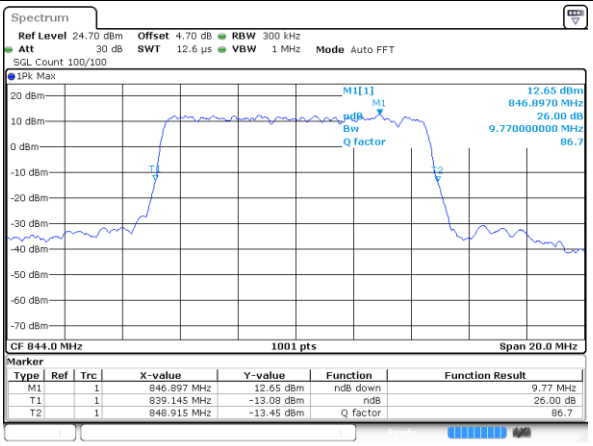
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



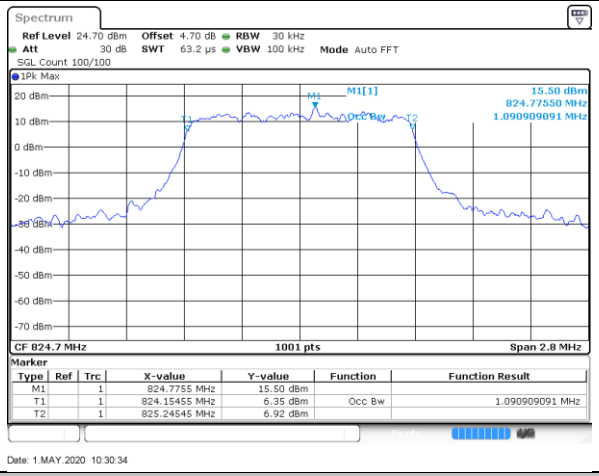
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.49	4.50	9.03	8.95
Middle CH	1.09	1.09	2.71	2.72	4.50	4.50	8.99	9.01
Highest CH	1.10	1.09	2.71	2.73	4.51	4.51	9.03	9.05

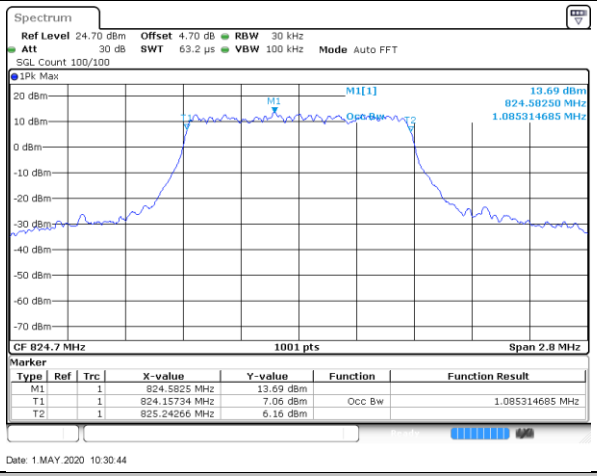
Mode	LTE Band 5 : 99%OBW(MHz)			
BW	1.4MHz	3MHz	5MHz	10MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.10	2.73	4.48	9.01
Middle CH	1.09	2.71	4.51	9.01
Highest CH	1.10	2.72	4.51	9.01

LTE Band 5

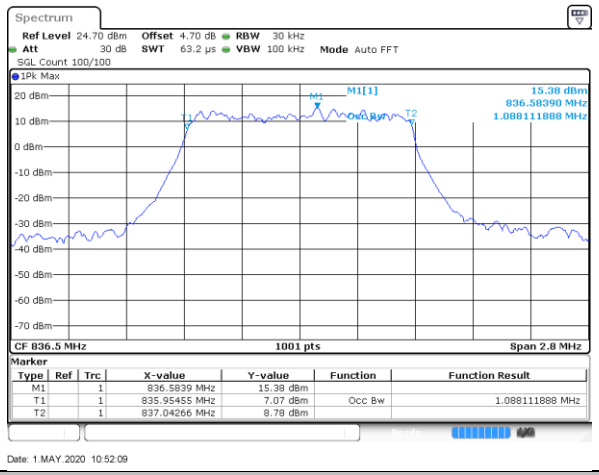
Lowest Channel / 1.4MHz / QPSK



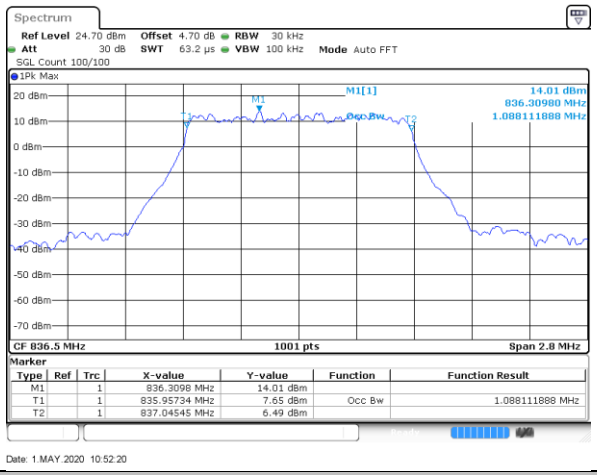
Lowest Channel / 1.4MHz / 16QAM



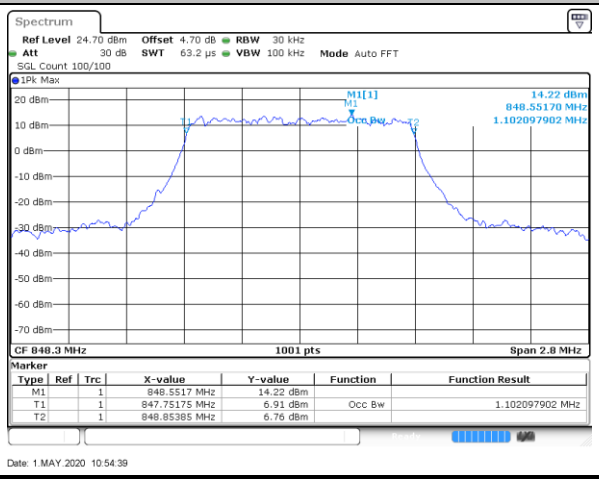
Middle Channel / 1.4MHz / QPSK



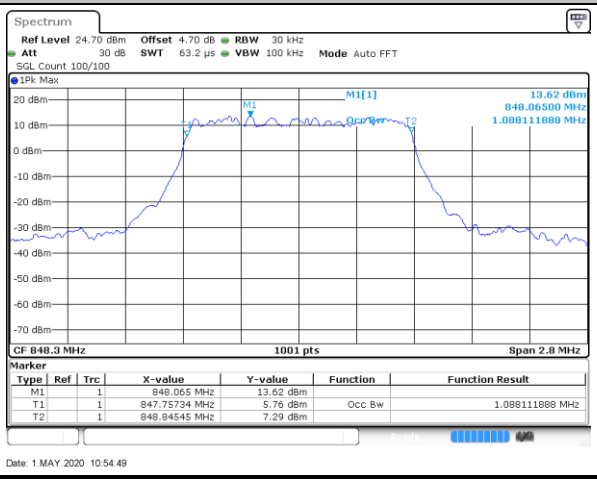
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

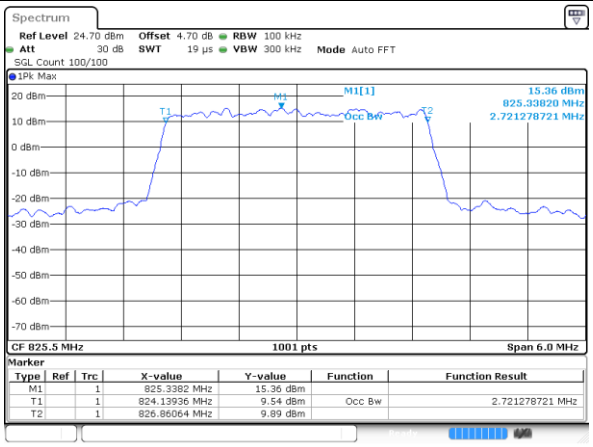


Highest Channel / 1.4MHz / 16QAM



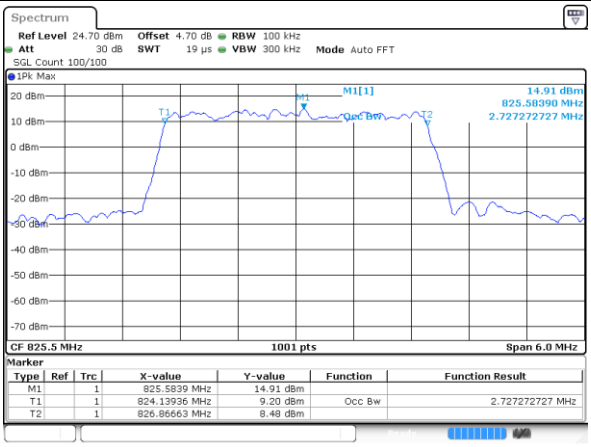
LTE Band 5

Lowest Channel / 3MHz / QPSK



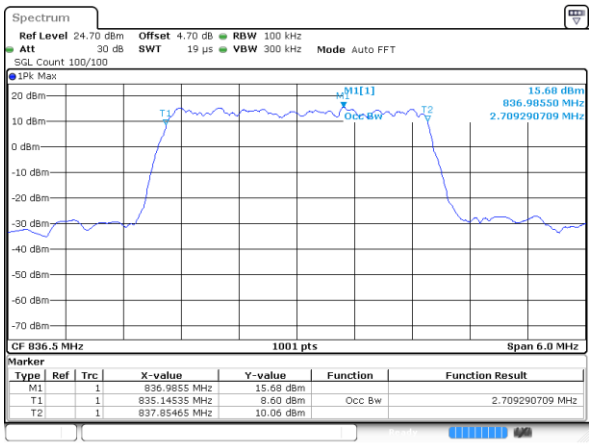
Date: 1.MAY.2020 11:05:59

Lowest Channel / 3MHz / 16QAM



Date: 1.MAY.2020 11:06:09

Middle Channel / 3MHz / QPSK



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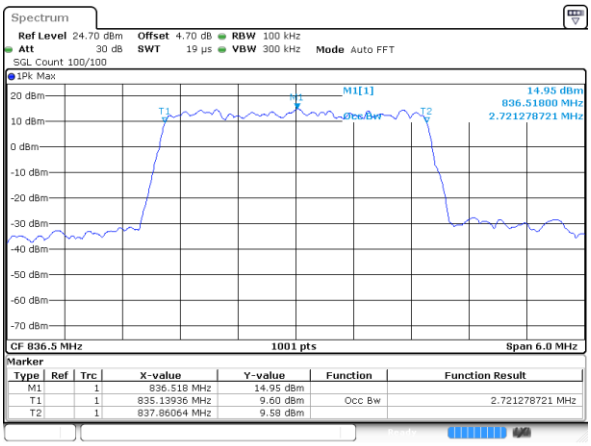
Middle Channel / 3MHz / 16QAM



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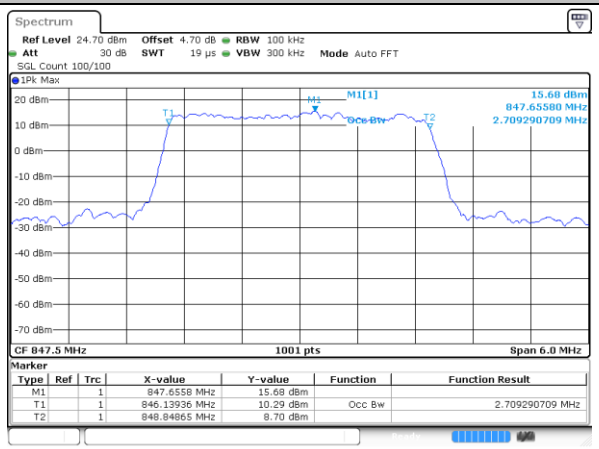
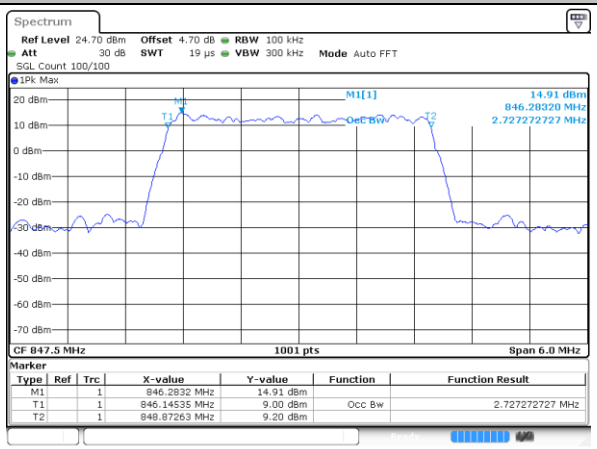
Highest Channel / 3MHz / QPSK



Date: 1.MAY.2020 11:20:22

Highest Channel / 3MHz / 16QAM



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