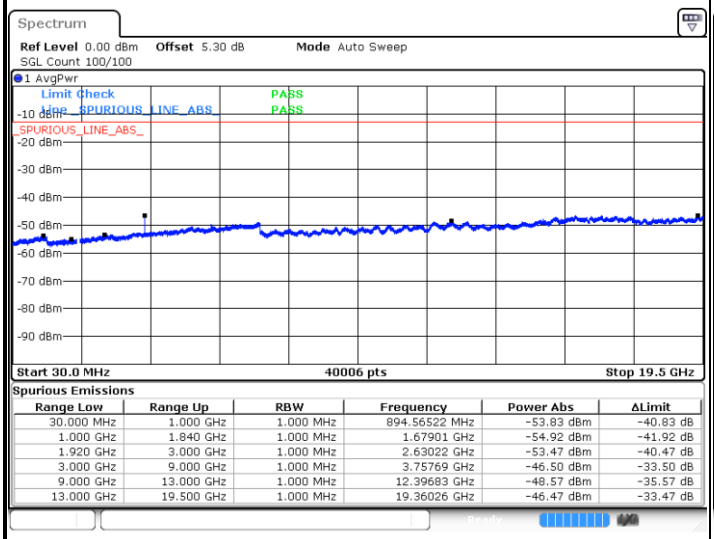
LTE Band 2 / 3MHz

Middle Channel / QPSK

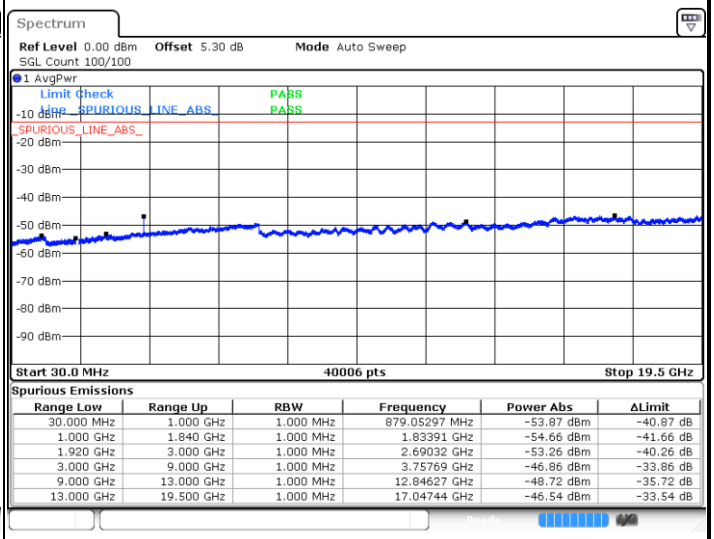


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67901 GHz	-54.92 dBm	-41.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63022 GHz	-53.47 dBm	-40.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-46.50 dBm	-33.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39683 GHz	-48.57 dBm	-35.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.36026 GHz	-46.47 dBm	-33.47 dB

Date: 25.JUN.2020 17:44:13

Middle Channel / 16QAM

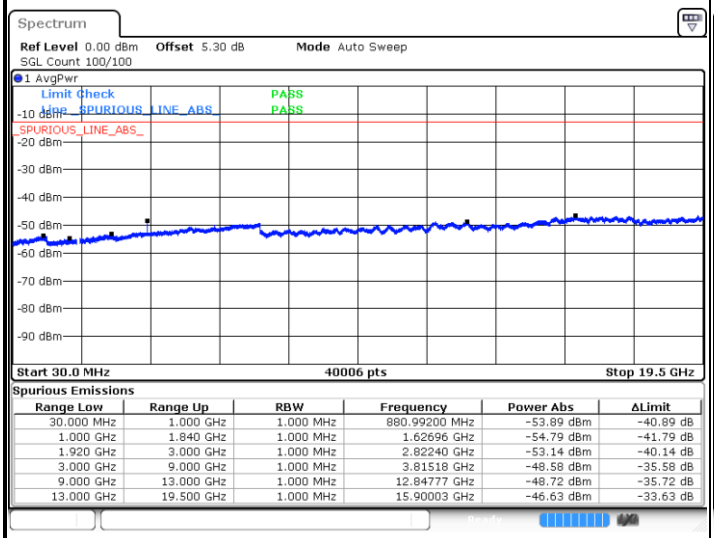


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-54.66 dBm	-41.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69032 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-46.86 dBm	-33.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84627 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04744 GHz	-46.54 dBm	-33.54 dB

Date: 25.JUN.2020 17:45:07

Highest Channel / QPSK

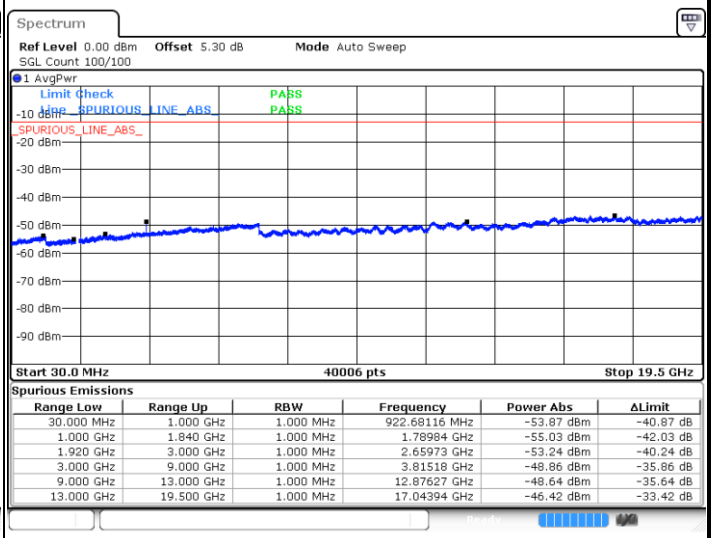


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62696 GHz	-54.79 dBm	-41.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82240 GHz	-53.14 dBm	-40.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81518 GHz	-48.58 dBm	-35.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84777 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90003 GHz	-46.63 dBm	-33.63 dB

Date: 25.JUN.2020 17:51:12

Highest Channel / 16QAM



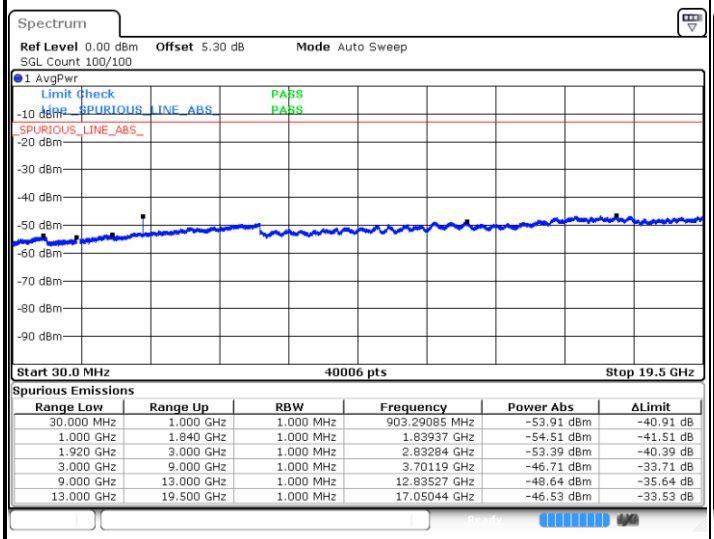
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78984 GHz	-55.03 dBm	-42.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65973 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81518 GHz	-48.86 dBm	-35.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.87627 GHz	-48.64 dBm	-35.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04394 GHz	-46.42 dBm	-33.42 dB

Date: 25.JUN.2020 17:52:07

LTE Band 2 / 5MHz

Lowest Channel / QPSK

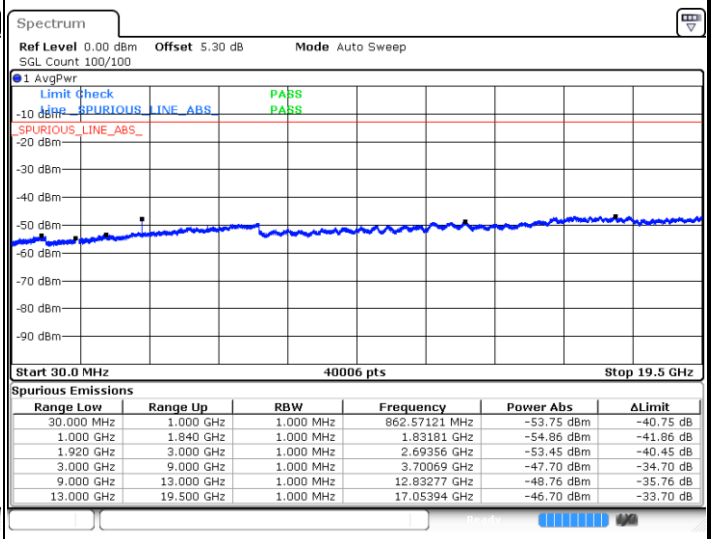


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-54.51 dBm	-41.51 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83284 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.71 dBm	-33.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83527 GHz	-48.64 dBm	-35.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05044 GHz	-46.53 dBm	-33.53 dB

Date: 25.JUN.2020 17:58:12

Lowest Channel / 16QAM

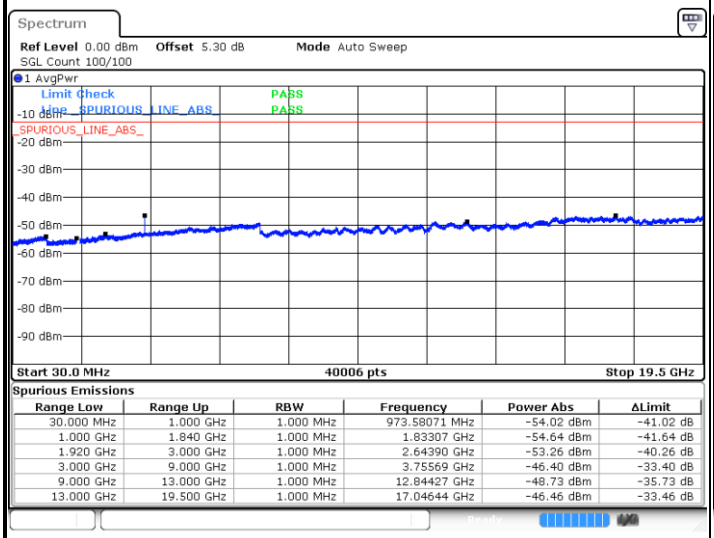


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83181 GHz	-54.86 dBm	-41.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69356 GHz	-53.45 dBm	-40.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.70 dBm	-34.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83277 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05394 GHz	-46.70 dBm	-33.70 dB

Date: 25.JUN.2020 17:59:07

Middle Channel / QPSK

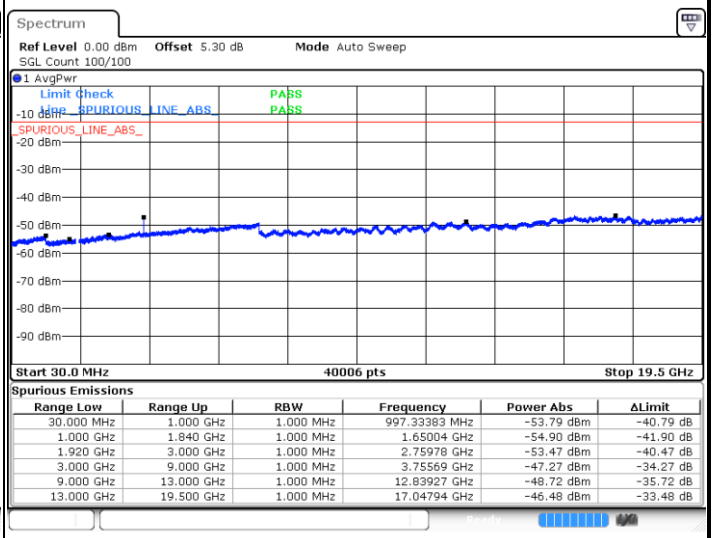


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-54.64 dBm	-41.64 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64390 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-46.40 dBm	-33.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84427 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04644 GHz	-46.46 dBm	-33.46 dB

Date: 25.JUN.2020 18:00:41

Middle Channel / 16QAM



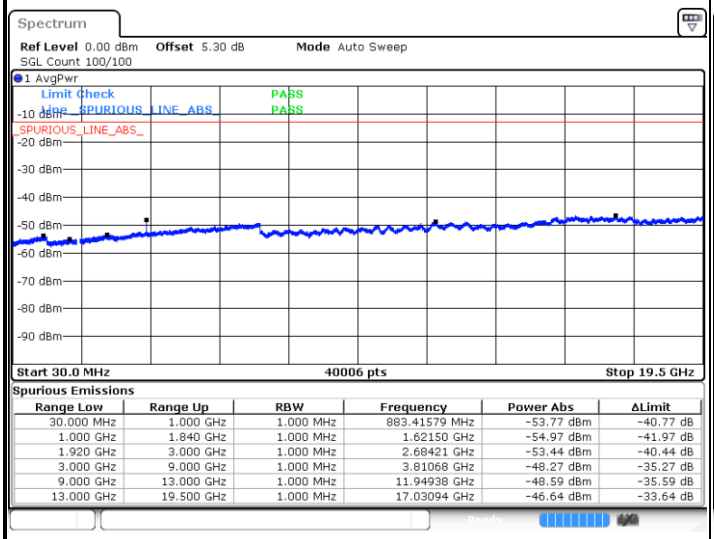
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-53.79 dBm	-40.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65004 GHz	-54.90 dBm	-41.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.75978 GHz	-53.47 dBm	-40.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-47.27 dBm	-34.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83927 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04794 GHz	-46.48 dBm	-33.48 dB

Date: 25.JUN.2020 18:01:36

LTE Band 2 / 5MHz

Highest Channel / QPSK

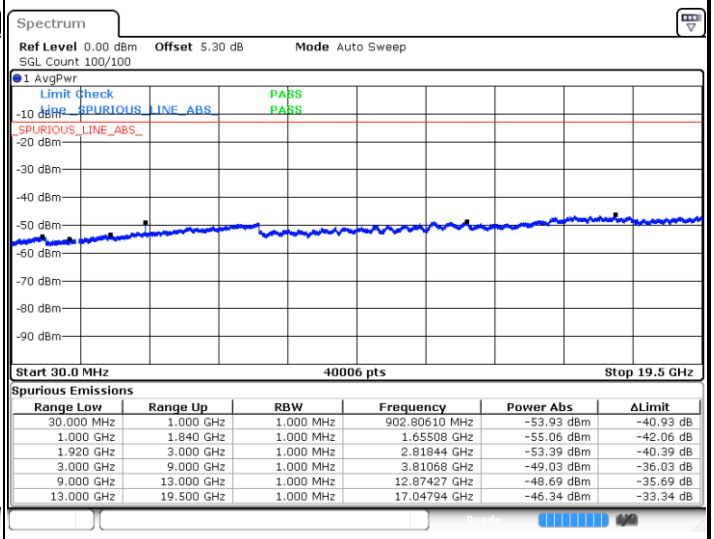


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62150 GHz	-54.97 dBm	-41.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68421 GHz	-53.44 dBm	-40.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-48.27 dBm	-35.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94938 GHz	-48.59 dBm	-35.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03094 GHz	-46.64 dBm	-33.64 dB

Date: 25.JUN.2020 18:07:41

Highest Channel / 16QAM



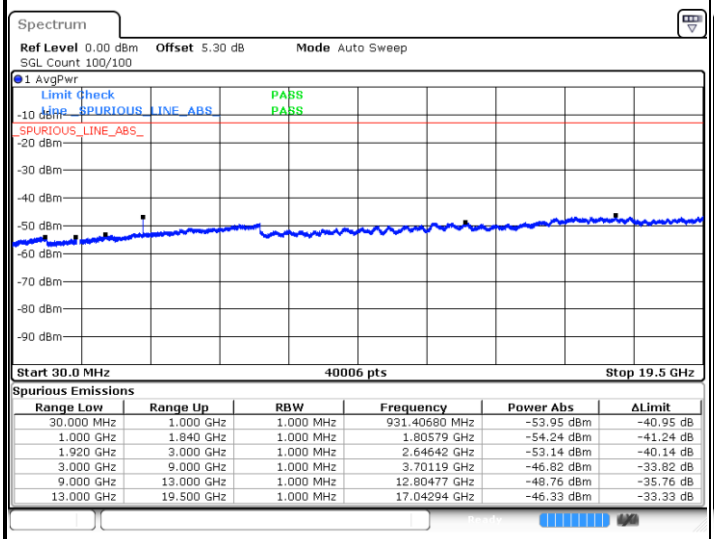
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-53.93 dBm	-40.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65508 GHz	-55.06 dBm	-42.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81844 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-49.03 dBm	-36.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.87427 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04794 GHz	-46.34 dBm	-33.34 dB

Date: 25.JUN.2020 18:08:36

LTE Band 2 / 10MHz

Lowest Channel / QPSK

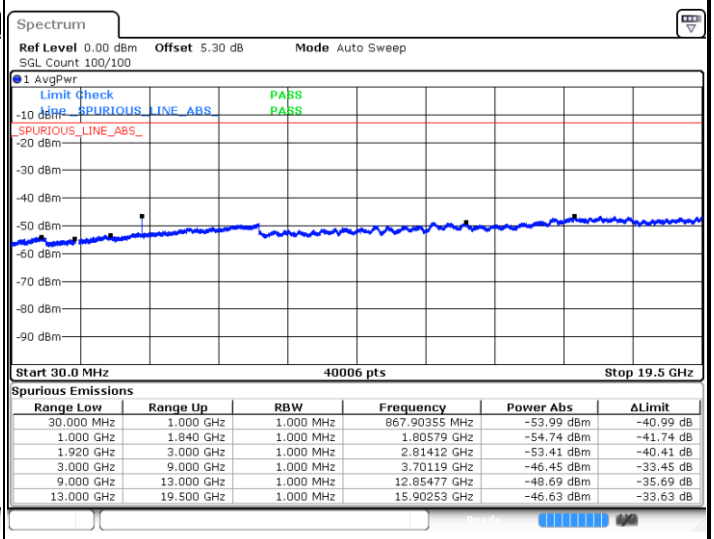


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80579 GHz	-54.24 dBm	-41.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64642 GHz	-53.14 dBm	-40.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.82 dBm	-33.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80477 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04294 GHz	-46.33 dBm	-33.33 dB

Date: 25.JUN.2020 18:14:41

Lowest Channel / 16QAM



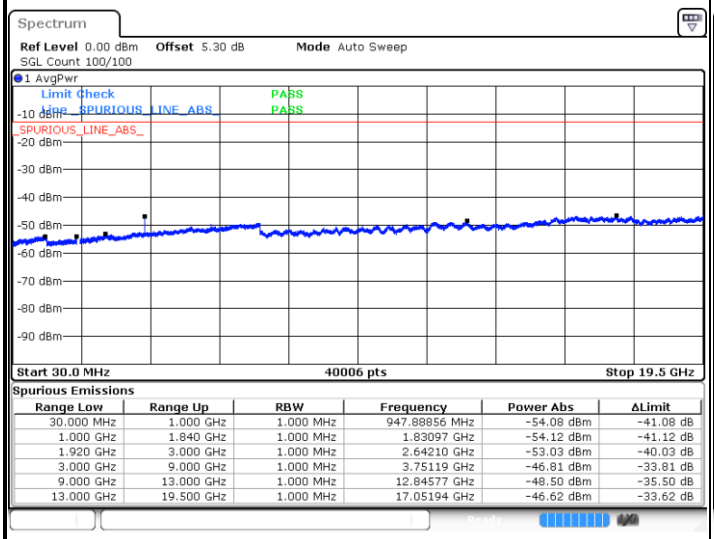
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-53.99 dBm	-40.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80579 GHz	-54.74 dBm	-41.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81412 GHz	-53.41 dBm	-40.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.45 dBm	-33.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85477 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90253 GHz	-46.63 dBm	-33.63 dB

Date: 25.JUN.2020 18:15:36

LTE Band 2 / 10MHz

Middle Channel / QPSK

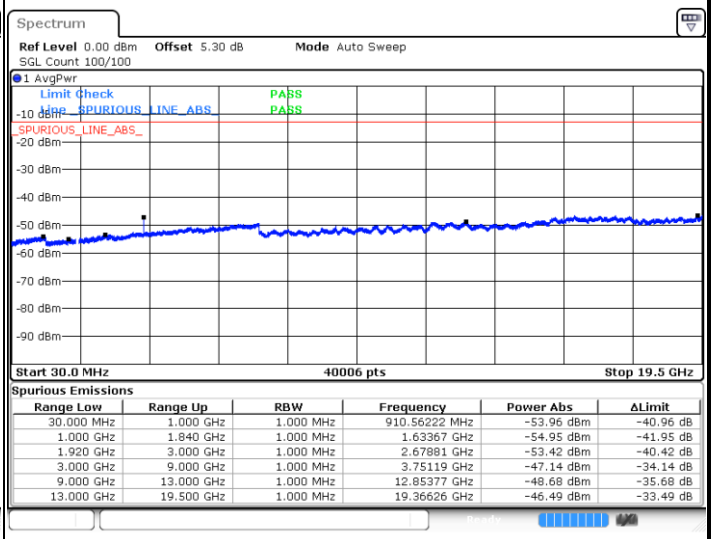


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-54.08 dBm	-41.08 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.12 dBm	-41.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64210 GHz	-53.03 dBm	-40.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-46.81 dBm	-33.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84577 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05194 GHz	-46.62 dBm	-33.62 dB

Date: 25.JUN.2020 18:17:11

Middle Channel / 16QAM

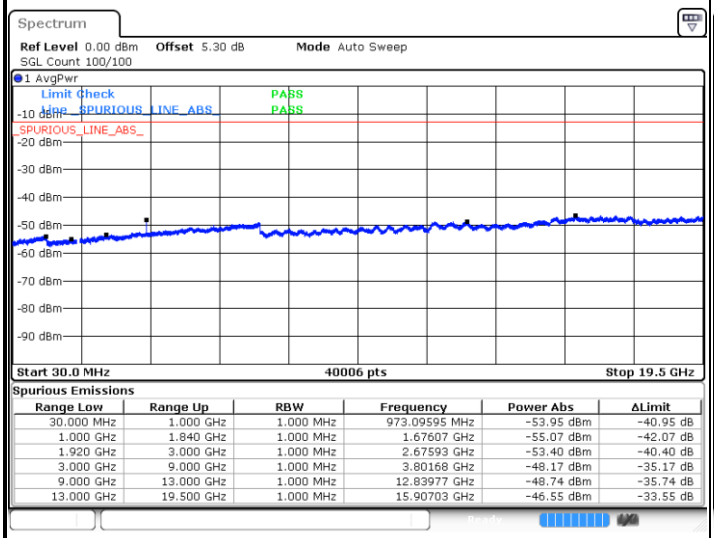


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63367 GHz	-54.95 dBm	-41.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67881 GHz	-53.42 dBm	-40.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-47.14 dBm	-34.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85377 GHz	-48.68 dBm	-35.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.36626 GHz	-46.49 dBm	-33.49 dB

Date: 25.JUN.2020 18:18:06

Highest Channel / QPSK

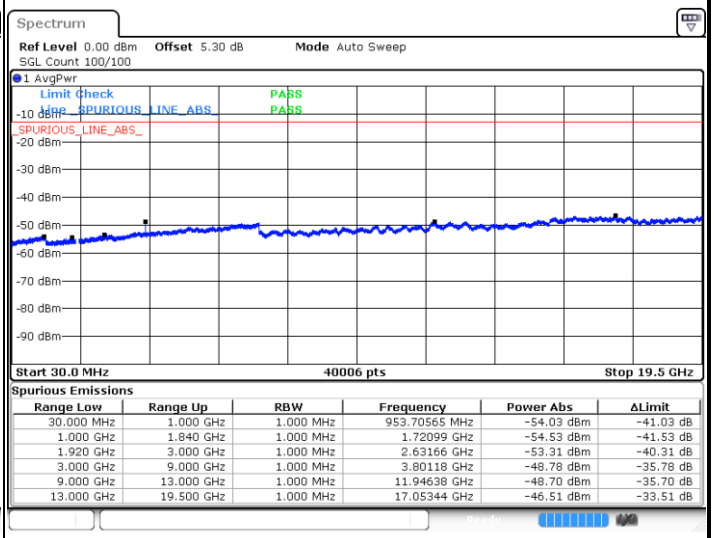


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67607 GHz	-55.07 dBm	-42.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67593 GHz	-53.40 dBm	-40.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80168 GHz	-48.17 dBm	-35.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83977 GHz	-48.74 dBm	-35.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90703 GHz	-46.55 dBm	-33.55 dB

Date: 25.JUN.2020 18:24:10

Highest Channel / 16QAM



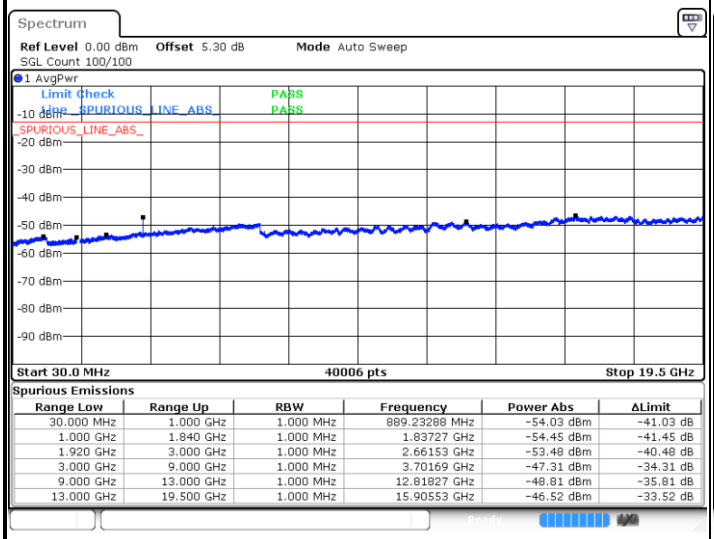
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72099 GHz	-54.53 dBm	-41.53 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63166 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-48.78 dBm	-35.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94638 GHz	-48.70 dBm	-35.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05344 GHz	-46.51 dBm	-33.51 dB

Date: 25.JUN.2020 18:25:05

LTE Band 2 / 15MHz

Lowest Channel / QPSK

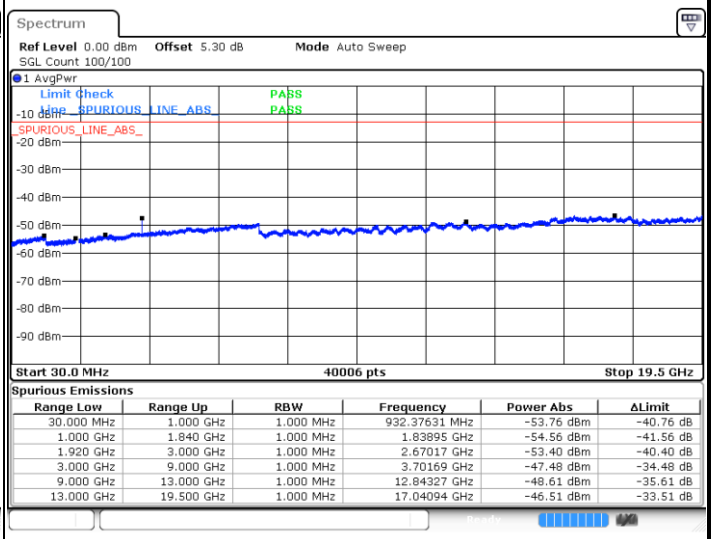


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.23288 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-54.45 dBm	-41.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66153 GHz	-53.48 dBm	-40.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-47.31 dBm	-34.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81827 GHz	-48.81 dBm	-35.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-46.52 dBm	-33.52 dB

Date: 25.JUN.2020 18:31:10

Lowest Channel / 16QAM

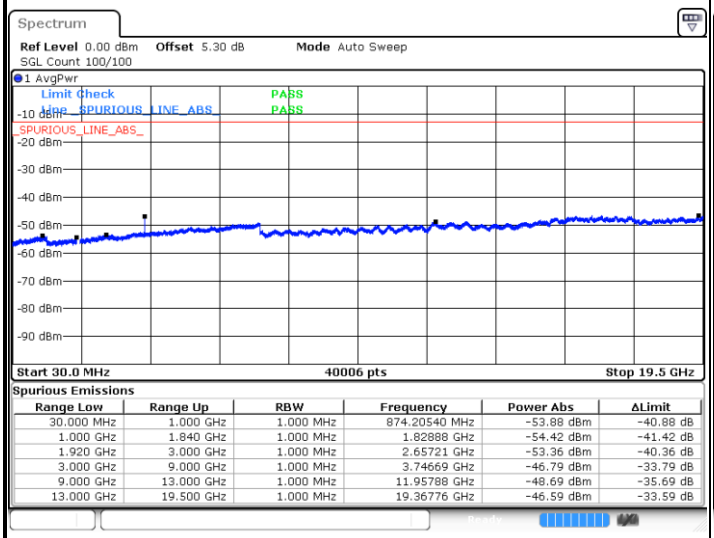


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-53.76 dBm	-40.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-54.56 dBm	-41.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67017 GHz	-53.40 dBm	-40.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-47.48 dBm	-34.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84327 GHz	-48.61 dBm	-35.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04094 GHz	-46.51 dBm	-33.51 dB

Date: 25.JUN.2020 18:32:05

Middle Channel / QPSK

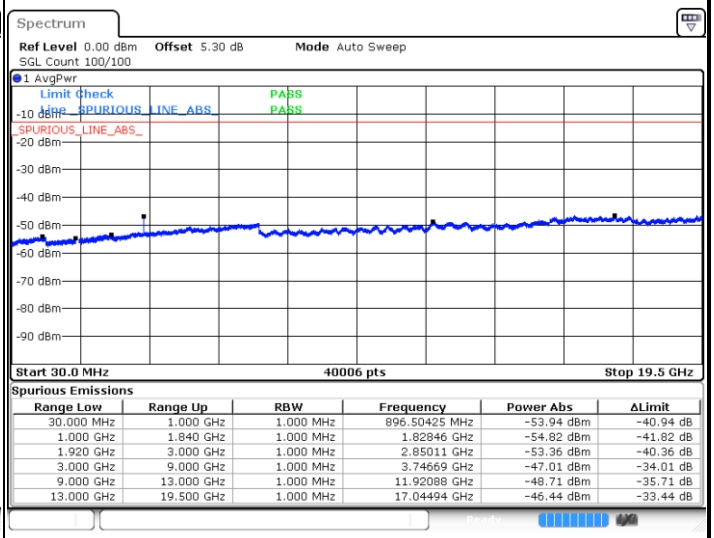


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82888 GHz	-54.42 dBm	-41.42 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65721 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-46.79 dBm	-33.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95788 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.36776 GHz	-46.59 dBm	-33.59 dB

Date: 25.JUN.2020 18:33:40

Middle Channel / 16QAM



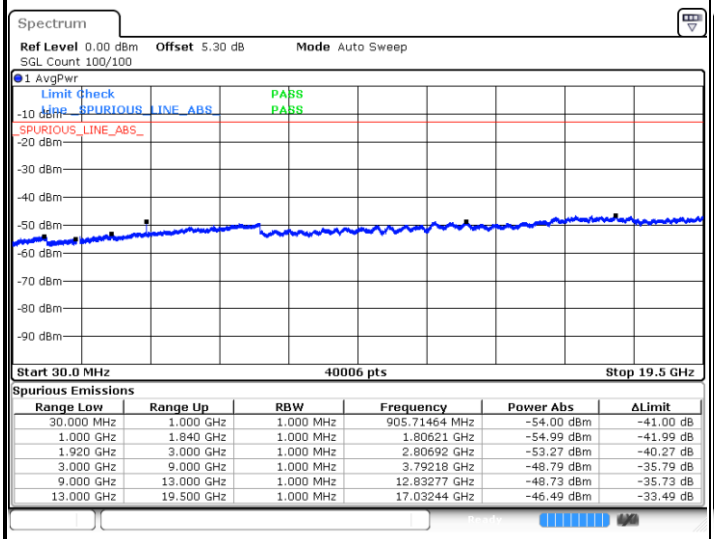
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-53.94 dBm	-40.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-54.82 dBm	-41.82 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85011 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-47.01 dBm	-34.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92088 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04494 GHz	-46.44 dBm	-33.44 dB

Date: 25.JUN.2020 18:34:35

LTE Band 2 / 15MHz

Highest Channel / QPSK

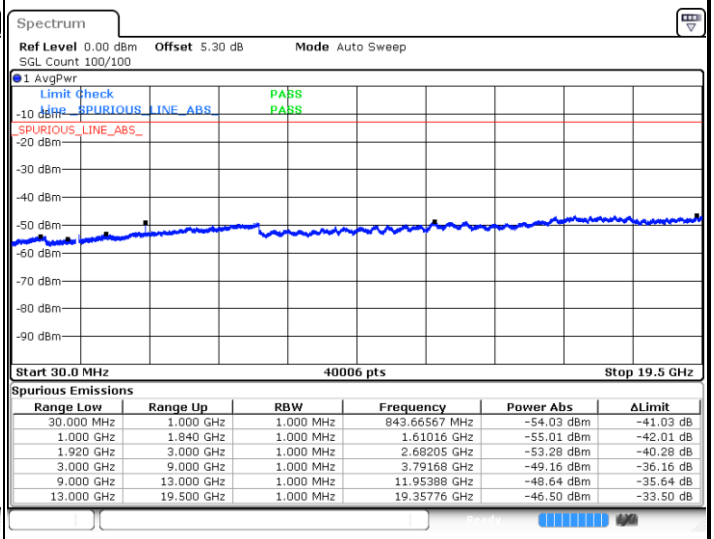


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80621 GHz	-54.99 dBm	-41.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80692 GHz	-53.27 dBm	-40.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-48.79 dBm	-35.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83277 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03244 GHz	-46.49 dBm	-33.49 dB

Date: 25.JUN.2020 18:40:39

Highest Channel / 16QAM



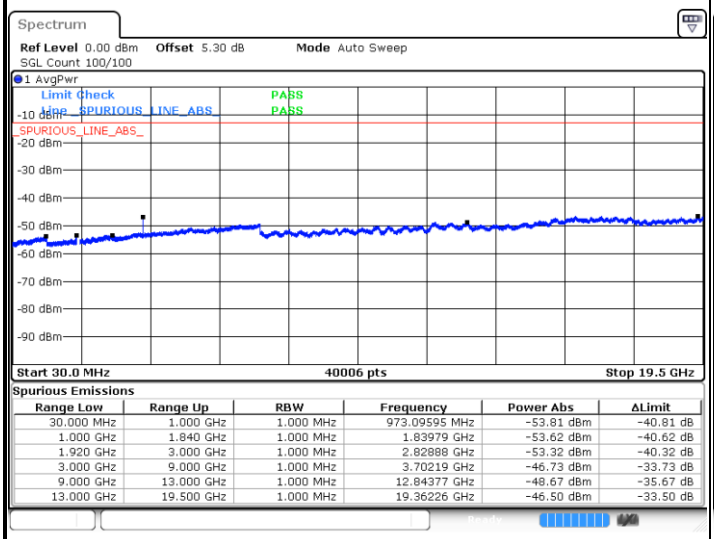
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	843.66567 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61016 GHz	-55.01 dBm	-42.01 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68205 GHz	-53.28 dBm	-40.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-49.16 dBm	-36.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95388 GHz	-48.64 dBm	-35.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.35776 GHz	-46.50 dBm	-33.50 dB

Date: 25.JUN.2020 18:41:34

LTE Band 2 / 20MHz

Lowest Channel / QPSK

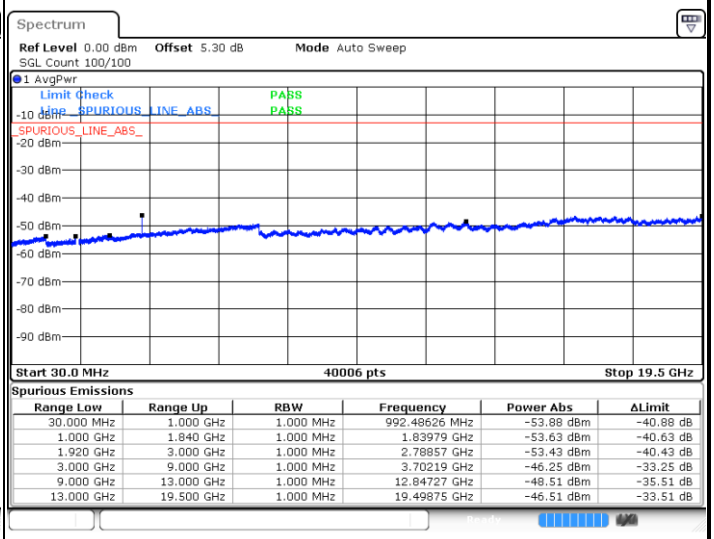


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-53.81 dBm	-40.81 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.62 dBm	-40.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82888 GHz	-53.32 dBm	-40.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.73 dBm	-33.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84377 GHz	-48.67 dBm	-35.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.36226 GHz	-46.50 dBm	-33.50 dB

Date: 25.JUN.2020 18:47:39

Lowest Channel / 16QAM



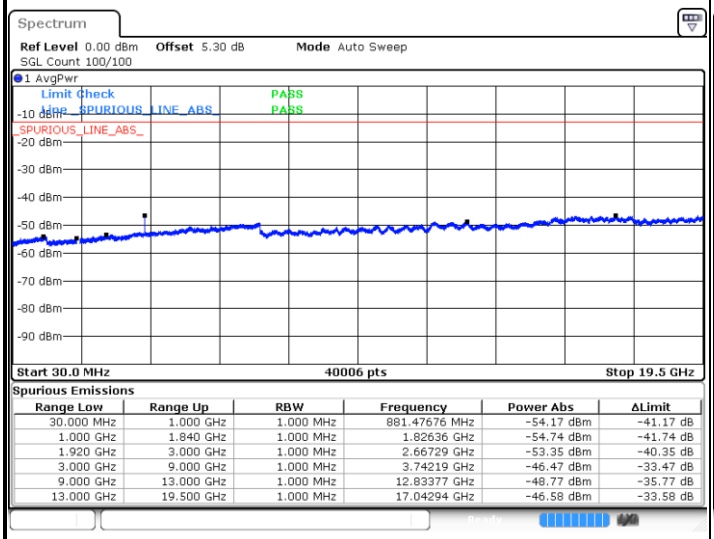
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.63 dBm	-40.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.78857 GHz	-53.43 dBm	-40.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.25 dBm	-33.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84727 GHz	-48.51 dBm	-35.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49875 GHz	-46.51 dBm	-33.51 dB

Date: 25.JUN.2020 18:48:34

LTE Band 2 / 20MHz

Middle Channel / QPSK

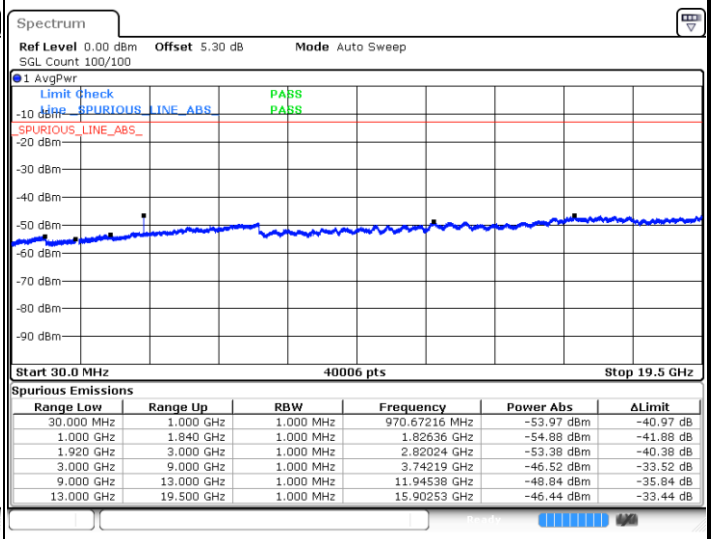


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-54.17 dBm	-41.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-54.74 dBm	-41.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66729 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-46.47 dBm	-33.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83377 GHz	-48.77 dBm	-35.77 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04294 GHz	-46.58 dBm	-33.58 dB

Date: 25.JUN.2020 18:50:09

Middle Channel / 16QAM

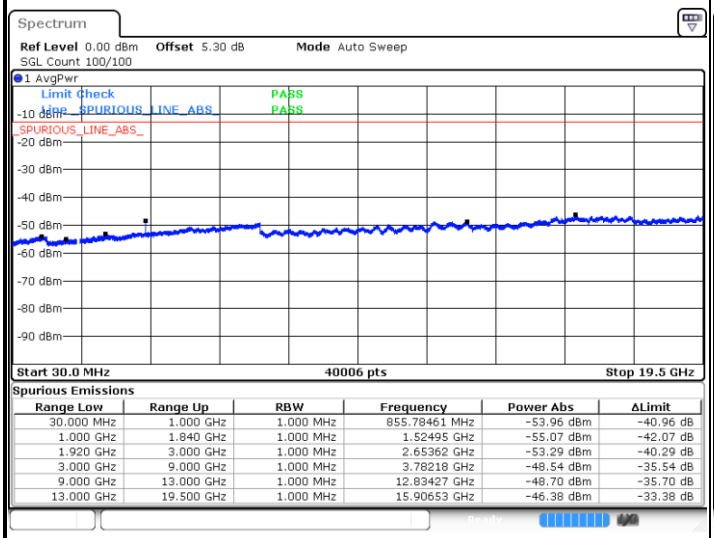


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-54.88 dBm	-41.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82024 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-46.52 dBm	-33.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94538 GHz	-48.84 dBm	-35.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90253 GHz	-46.44 dBm	-33.44 dB

Date: 25.JUN.2020 18:51:04

Highest Channel / QPSK

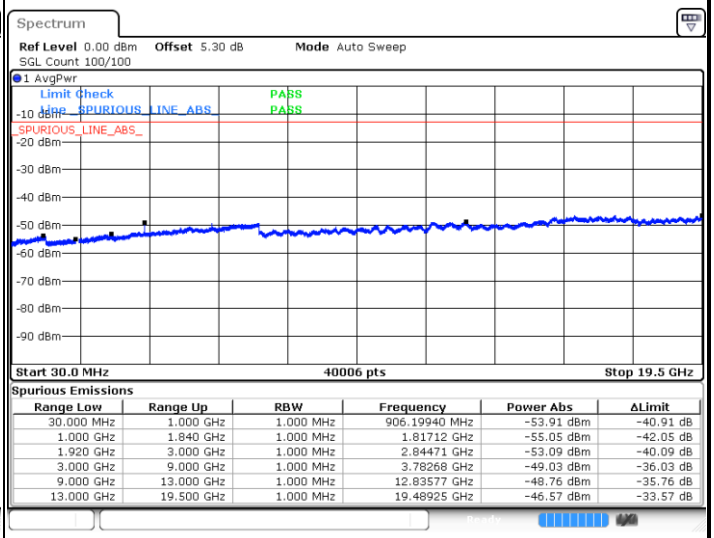


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.78461 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.52495 GHz	-55.07 dBm	-42.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65362 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-48.54 dBm	-35.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83427 GHz	-48.70 dBm	-35.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90653 GHz	-46.38 dBm	-33.38 dB

Date: 25.JUN.2020 18:57:09

Highest Channel / 16QAM



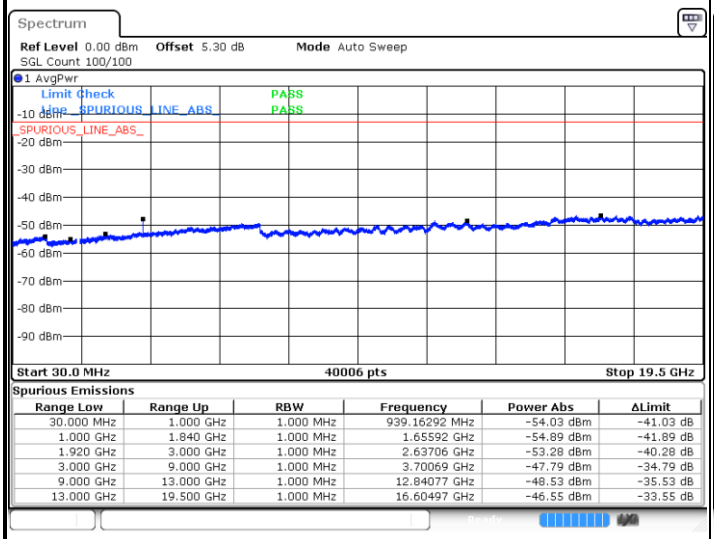
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81712 GHz	-55.05 dBm	-42.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84471 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78268 GHz	-49.03 dBm	-36.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83577 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.48925 GHz	-46.57 dBm	-33.57 dB

Date: 25.JUN.2020 18:58:04

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

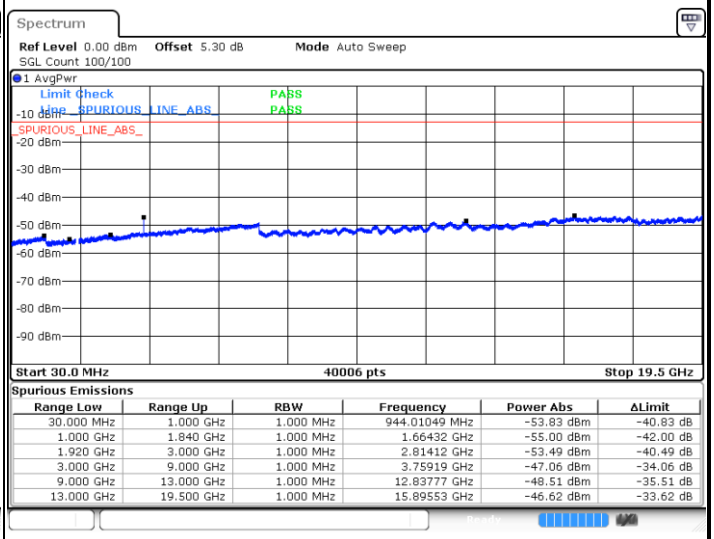


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65592 GHz	-54.89 dBm	-41.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63706 GHz	-53.28 dBm	-40.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.79 dBm	-34.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84077 GHz	-48.53 dBm	-35.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.60497 GHz	-46.55 dBm	-33.55 dB

Date: 25.JUN.2020 19:32:00

Middle Channel / 64QAM

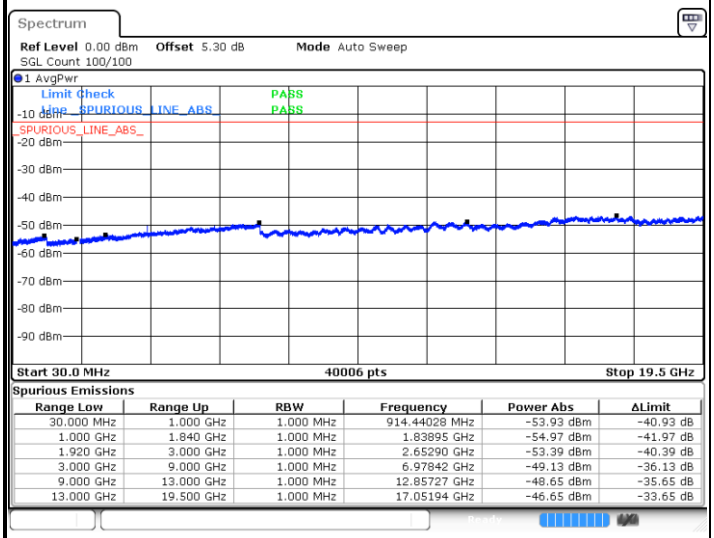


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66432 GHz	-55.00 dBm	-42.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81412 GHz	-53.49 dBm	-40.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-47.06 dBm	-34.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83777 GHz	-48.51 dBm	-35.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89553 GHz	-46.62 dBm	-33.62 dB

Date: 25.JUN.2020 19:32:55

Highest Channel / 64QAM



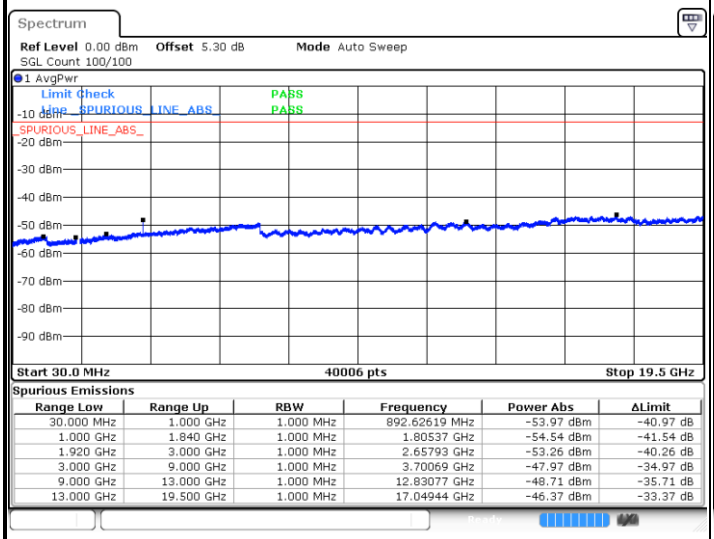
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-53.93 dBm	-40.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-54.97 dBm	-41.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65290 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97842 GHz	-49.13 dBm	-36.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.65 dBm	-35.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05194 GHz	-46.65 dBm	-33.65 dB

Date: 25.JUN.2020 19:33:49

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

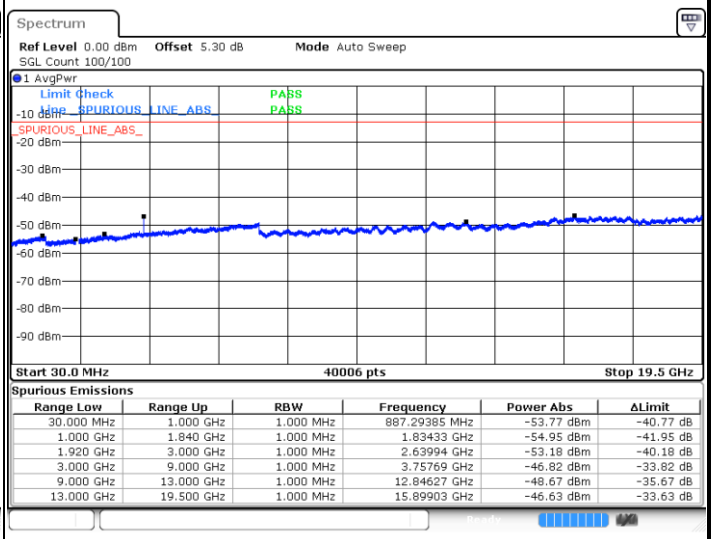


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-53.97 dBm	-40.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80537 GHz	-54.54 dBm	-41.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-53.26 dBm	-40.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.97 dBm	-34.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83077 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04944 GHz	-46.37 dBm	-33.37 dB

Date: 25.JUN.2020 19:34:44

Middle Channel / 64QAM

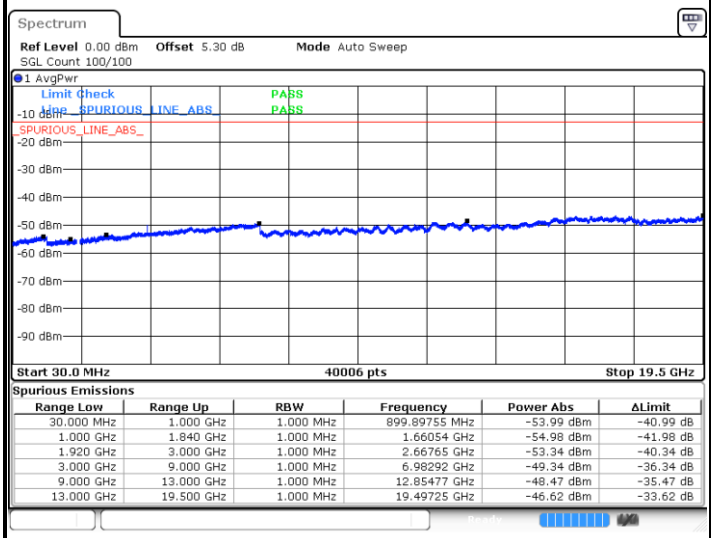


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-53.77 dBm	-40.77 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83433 GHz	-54.95 dBm	-41.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63994 GHz	-53.18 dBm	-40.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-46.82 dBm	-33.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84627 GHz	-48.67 dBm	-35.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89903 GHz	-46.63 dBm	-33.63 dB

Date: 25.JUN.2020 19:35:39

Highest Channel / 64QAM



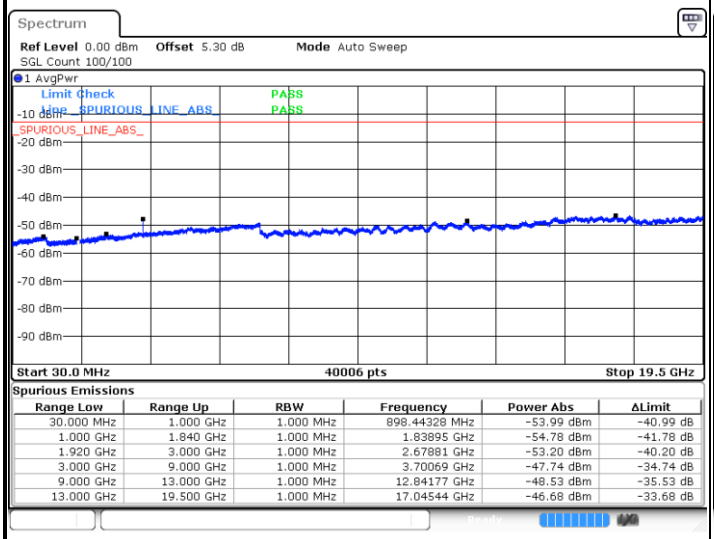
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-53.99 dBm	-40.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66054 GHz	-54.98 dBm	-41.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66765 GHz	-53.34 dBm	-40.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98292 GHz	-49.34 dBm	-36.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85477 GHz	-48.47 dBm	-35.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49725 GHz	-46.62 dBm	-33.62 dB

Date: 25.JUN.2020 19:36:34

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

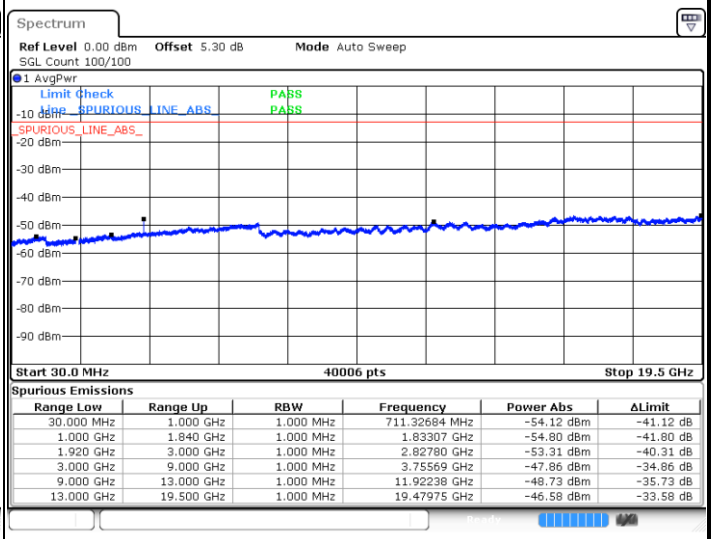


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-53.99 dBm	-40.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-54.78 dBm	-41.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67881 GHz	-53.20 dBm	-40.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.74 dBm	-34.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84177 GHz	-48.53 dBm	-35.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04544 GHz	-46.68 dBm	-33.68 dB

Date: 25.JUN.2020 19:37:28

Middle Channel / 64QAM

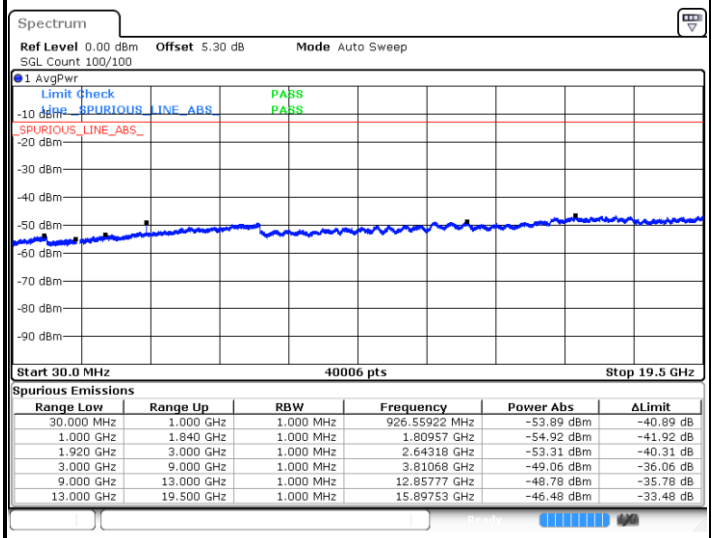


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	711.32684 MHz	-54.12 dBm	-41.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-54.80 dBm	-41.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82780 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-47.86 dBm	-34.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92238 GHz	-48.73 dBm	-35.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.47975 GHz	-46.58 dBm	-33.58 dB

Date: 25.JUN.2020 19:38:23

Highest Channel / 64QAM



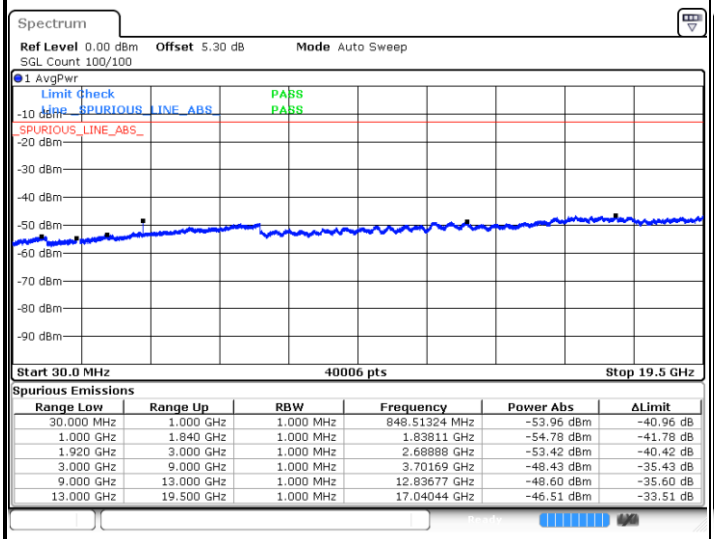
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80957 GHz	-54.92 dBm	-41.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64318 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-49.06 dBm	-36.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85777 GHz	-48.78 dBm	-35.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89753 GHz	-46.48 dBm	-33.48 dB

Date: 25.JUN.2020 19:39:18

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

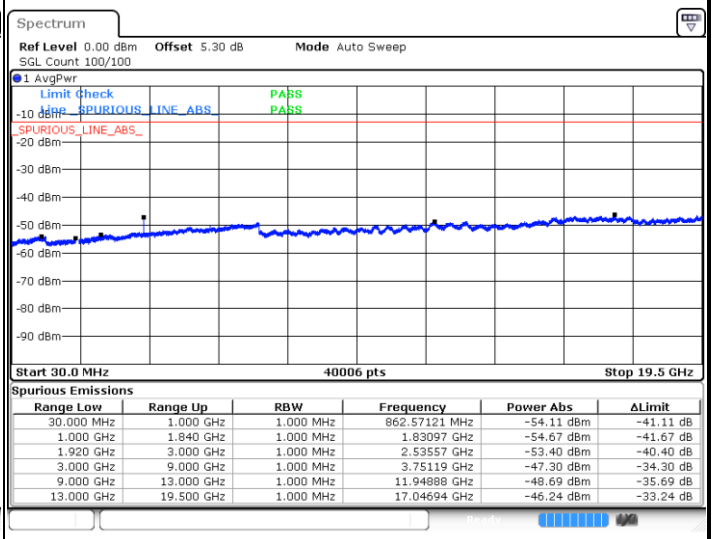


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.51324 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-54.78 dBm	-41.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68888 GHz	-53.42 dBm	-40.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-48.43 dBm	-35.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83677 GHz	-48.60 dBm	-35.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04044 GHz	-46.51 dBm	-33.51 dB

Date: 25.JUN.2020 19:40:12

Middle Channel / 64QAM

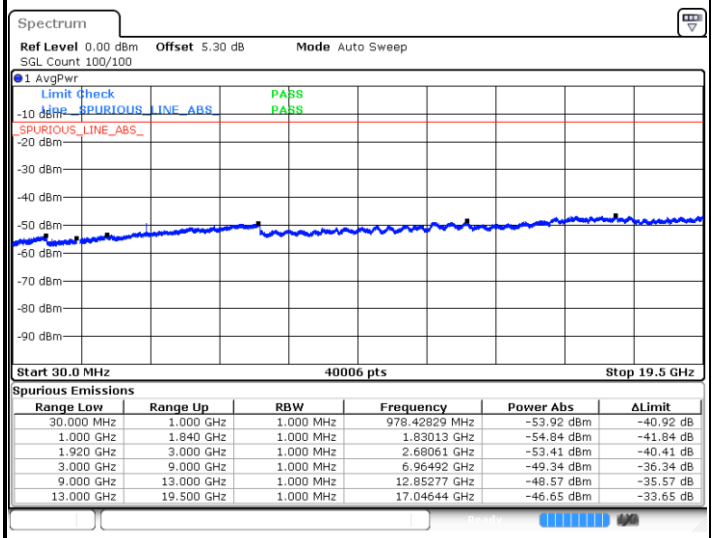


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-54.11 dBm	-41.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-54.67 dBm	-41.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.53557 GHz	-53.40 dBm	-40.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-47.30 dBm	-34.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94888 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04694 GHz	-46.24 dBm	-33.24 dB

Date: 25.JUN.2020 19:41:07

Highest Channel / 64QAM



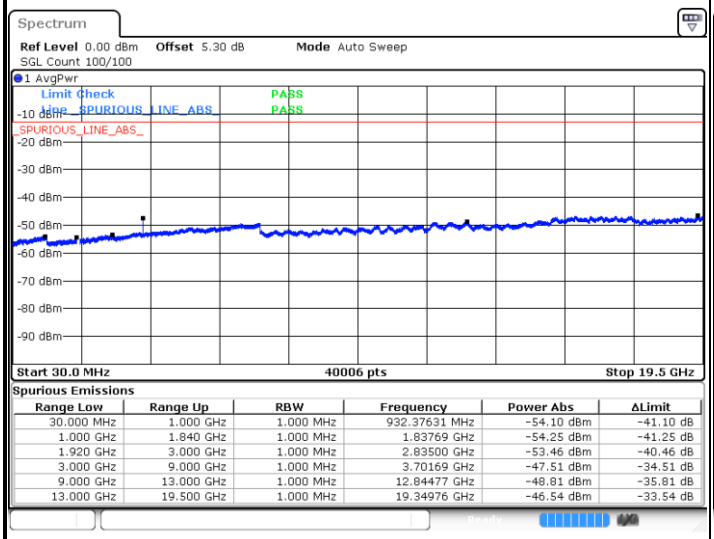
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83013 GHz	-54.84 dBm	-41.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68061 GHz	-53.41 dBm	-40.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96492 GHz	-49.34 dBm	-36.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85277 GHz	-48.57 dBm	-35.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04644 GHz	-46.65 dBm	-33.65 dB

Date: 25.JUN.2020 19:42:02

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

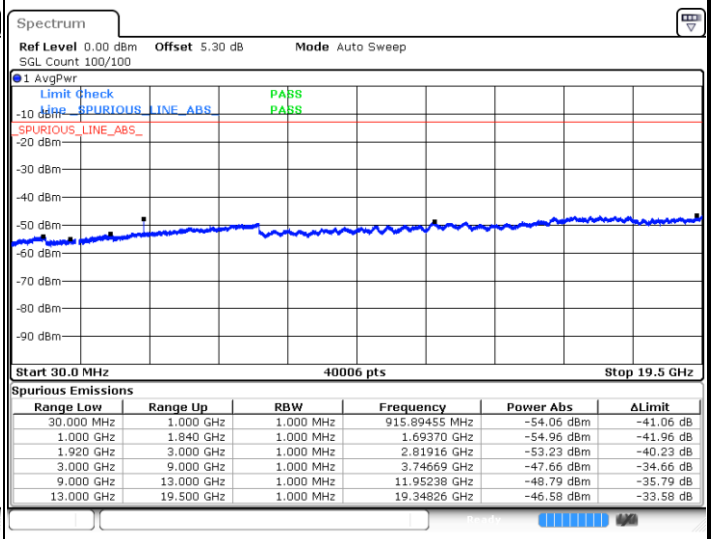


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-54.25 dBm	-41.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83500 GHz	-53.46 dBm	-40.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-47.51 dBm	-34.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84477 GHz	-48.81 dBm	-35.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.34976 GHz	-46.54 dBm	-33.54 dB

Date: 25.JUN.2020 19:42:57

Middle Channel / 64QAM

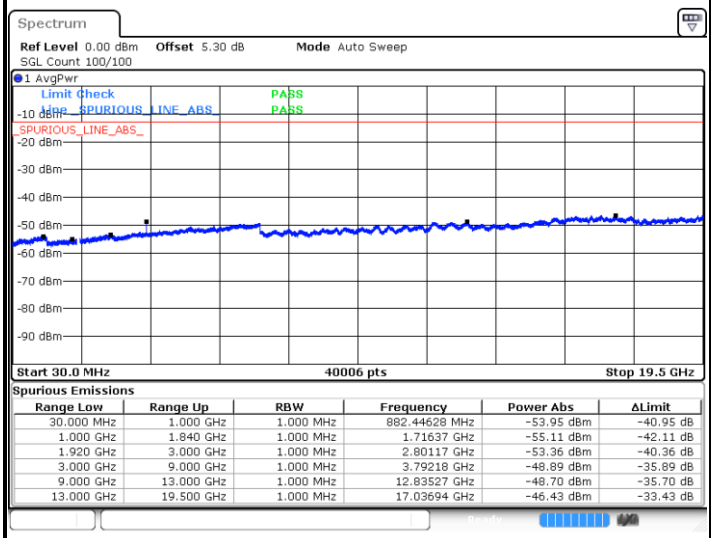


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-54.06 dBm	-41.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69370 GHz	-54.96 dBm	-41.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81916 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-47.66 dBm	-34.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.95238 GHz	-48.79 dBm	-35.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.34826 GHz	-46.58 dBm	-33.58 dB

Date: 25.JUN.2020 19:43:51

Highest Channel / 64QAM



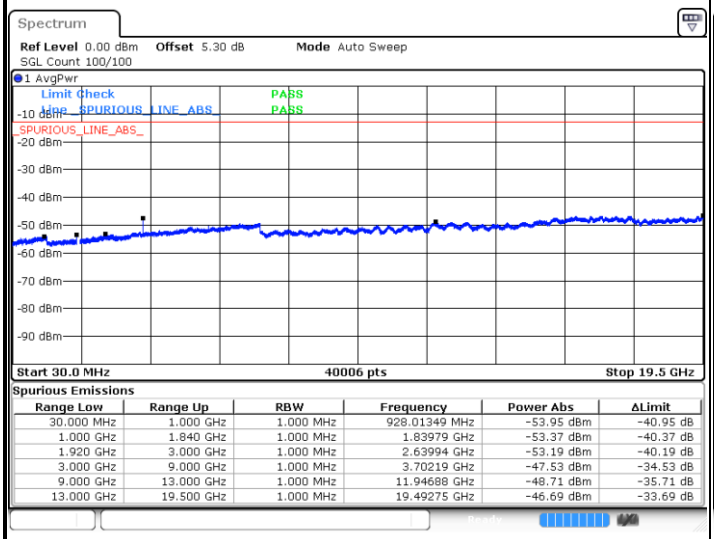
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.71637 GHz	-55.11 dBm	-42.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80117 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-48.89 dBm	-35.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83527 GHz	-48.70 dBm	-35.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03694 GHz	-46.43 dBm	-33.43 dB

Date: 25.JUN.2020 19:44:46

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

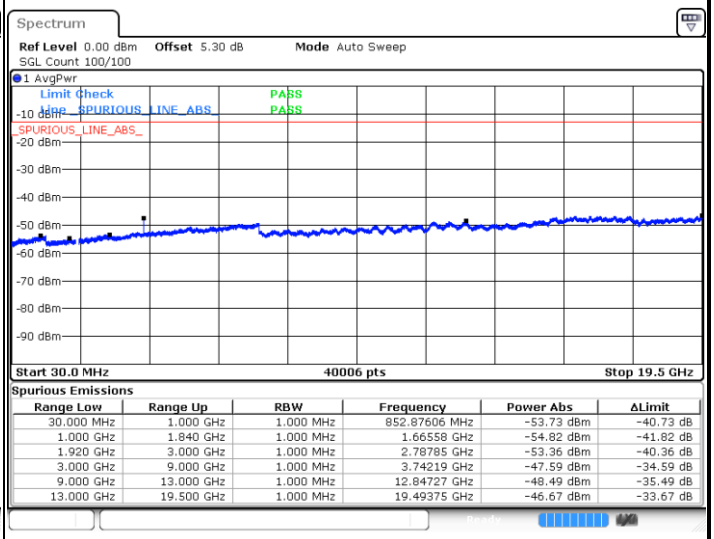


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.37 dBm	-40.37 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63994 GHz	-53.19 dBm	-40.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-47.53 dBm	-34.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94688 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49275 GHz	-46.69 dBm	-33.69 dB

Date: 25.JUN.2020 19:45:41

Middle Channel / 64QAM

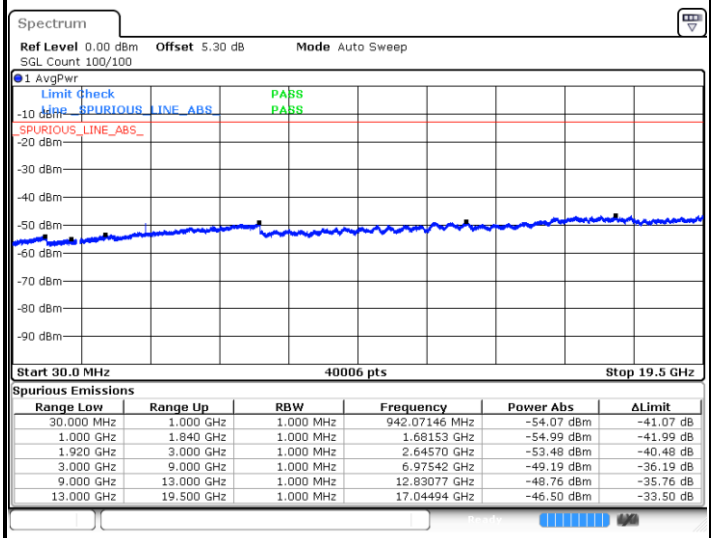


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	852.87606 MHz	-53.73 dBm	-40.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66558 GHz	-54.82 dBm	-41.82 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.78785 GHz	-53.36 dBm	-40.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-47.59 dBm	-34.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84727 GHz	-48.49 dBm	-35.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.49375 GHz	-46.67 dBm	-33.67 dB

Date: 25.JUN.2020 19:46:36

Highest 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	-54.07 dBm	-41.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.68153 GHz	-54.99 dBm	-41.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64570 GHz	-53.48 dBm	-40.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-49.19 dBm	-36.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83077 GHz	-48.76 dBm	-35.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04494 GHz	-46.50 dBm	-33.50 dB

Date: 25.JUN.2020 19:47:30

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-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 =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

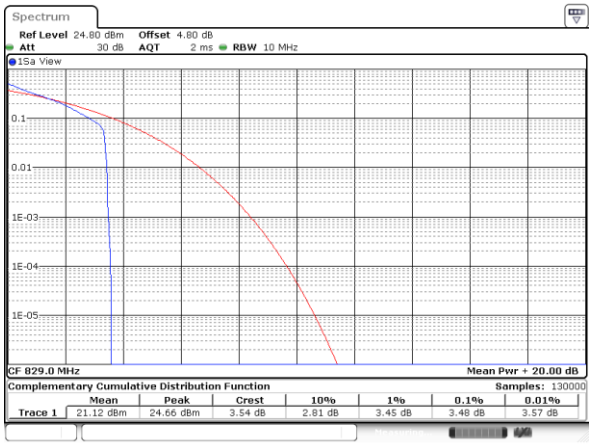
LTE Band 5

Peak-to-Average Ratio

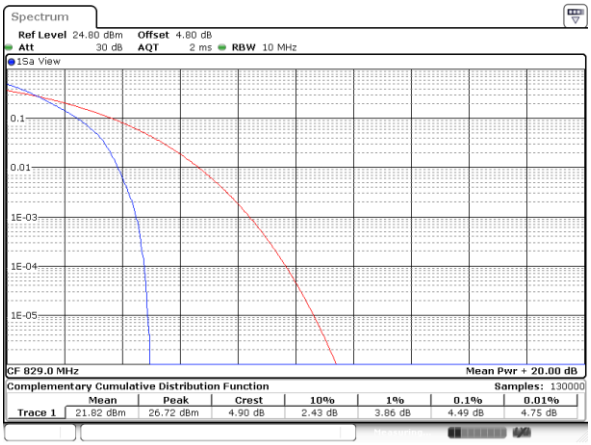
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.49	4.81	5.77	PASS
Middle CH	3.54	4.61	5.30	5.77	
Highest CH	3.54	4.43	4.87	5.65	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.90	5.74	-	-	PASS
Middle CH	5.22	5.80	-	-	
Highest CH	5.22	5.71	-	-	

LTE Band 5 / 10MHz / QPSK

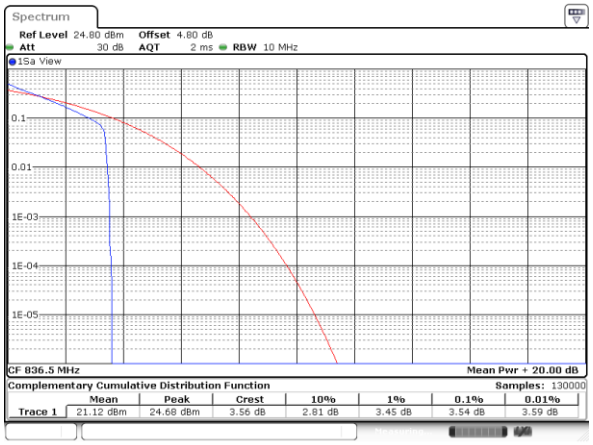
Lowest Channel / 1RB



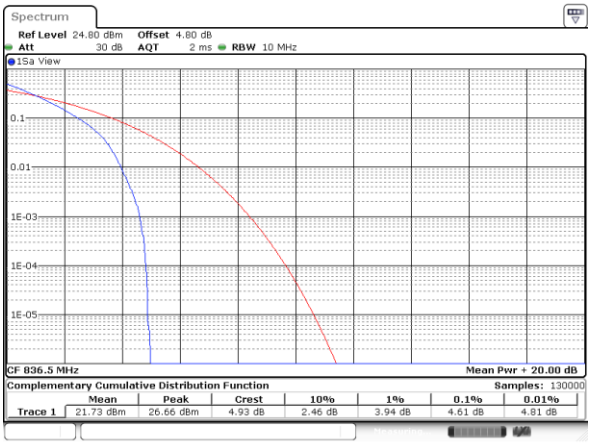
Lowest Channel / Full RB



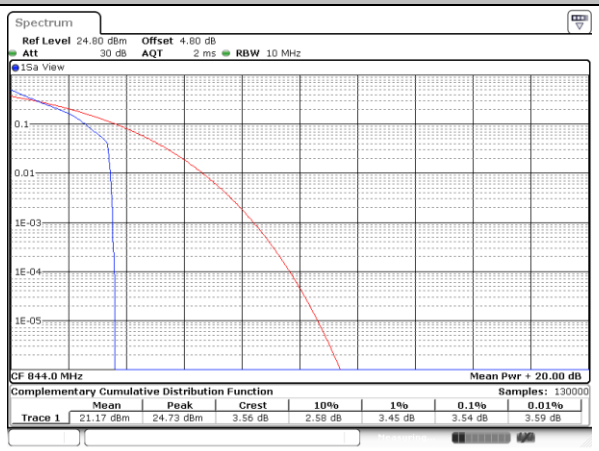
Middle Channel / 1RB



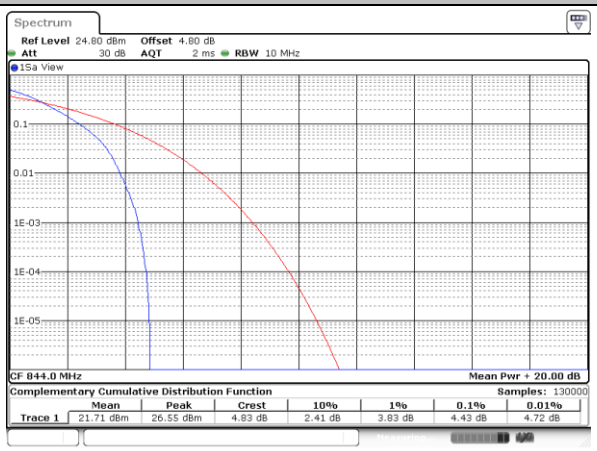
Middle Channel / Full RB



Highest Channel / 1RB

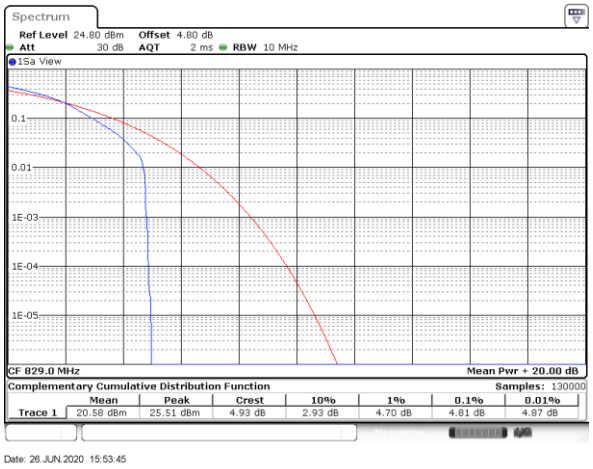


Highest Channel / Full RB

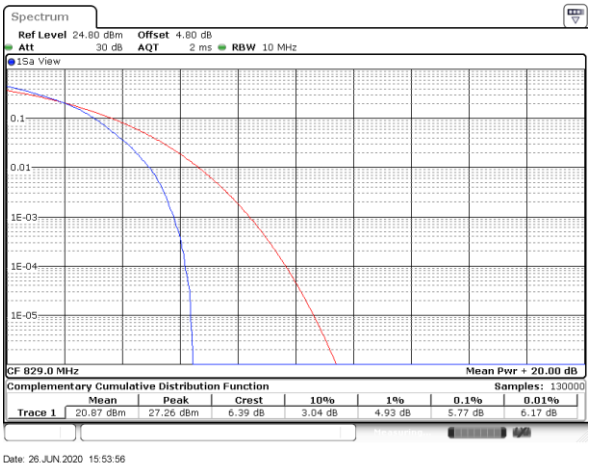


LTE Band 5 / 10MHz / 16QAM

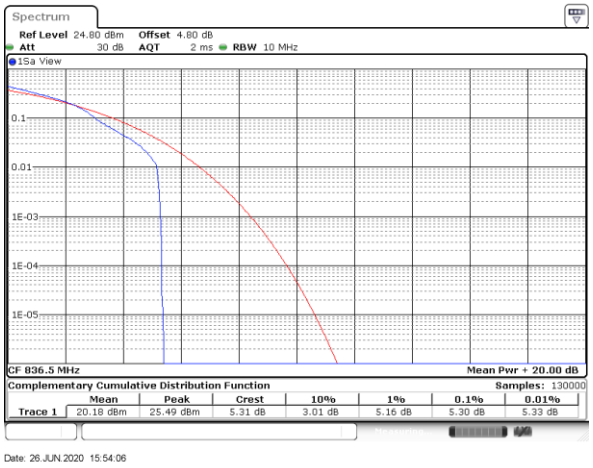
Lowest Channel / 1RB



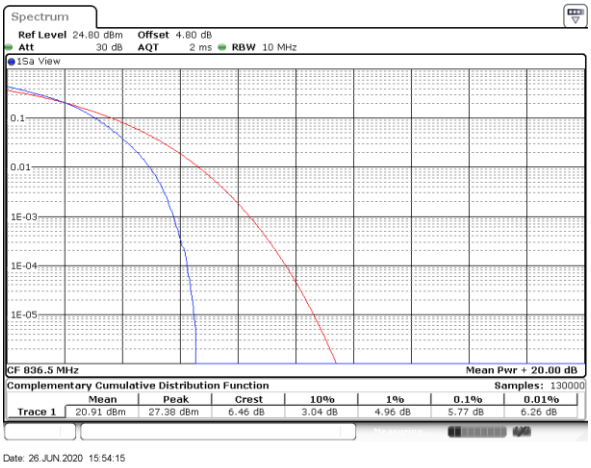
Lowest Channel / Full RB



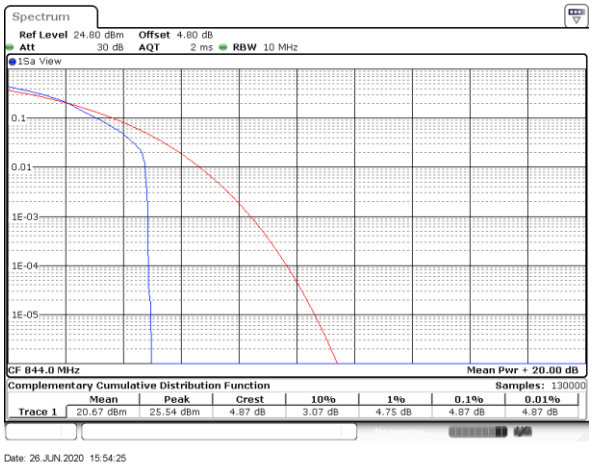
Middle Channel / 1RB



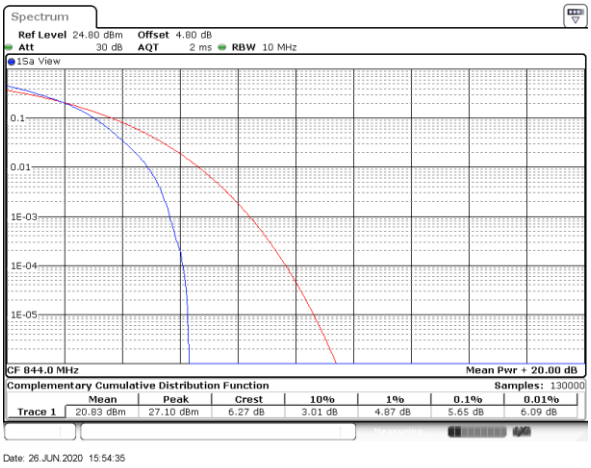
Middle Channel / Full RB



Highest Channel / 1RB

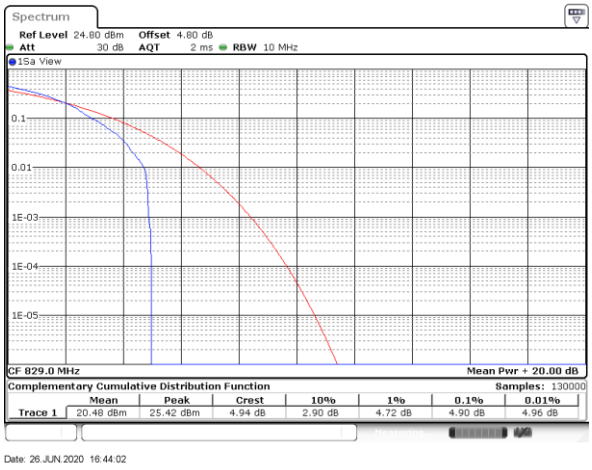


Highest Channel / Full RB

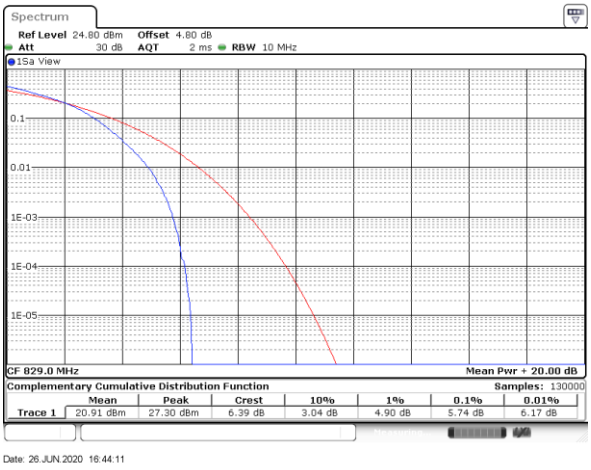


LTE Band 5 / 10MHz / 64QAM

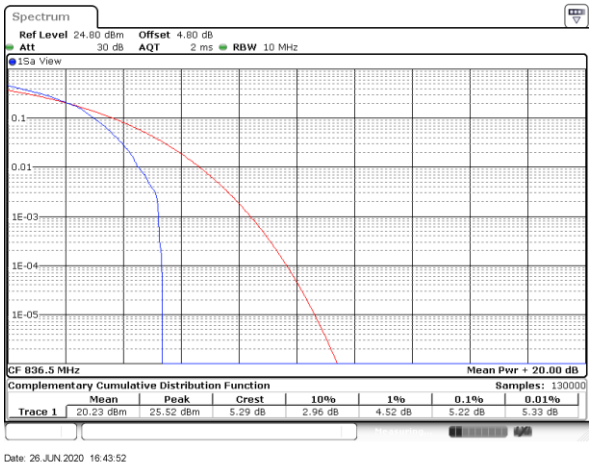
Lowest Channel / 1RB



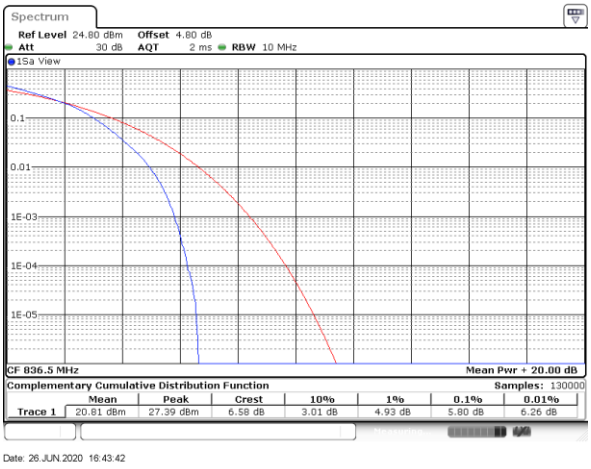
Lowest Channel / Full RB



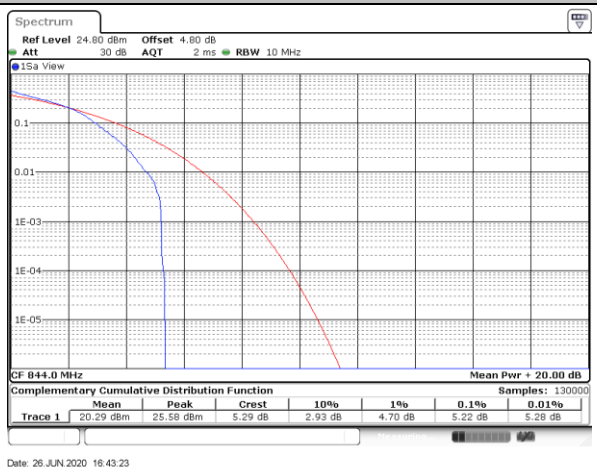
Middle Channel / 1RB



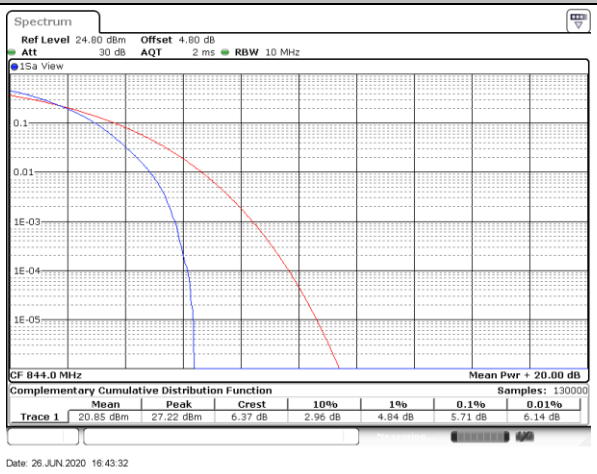
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

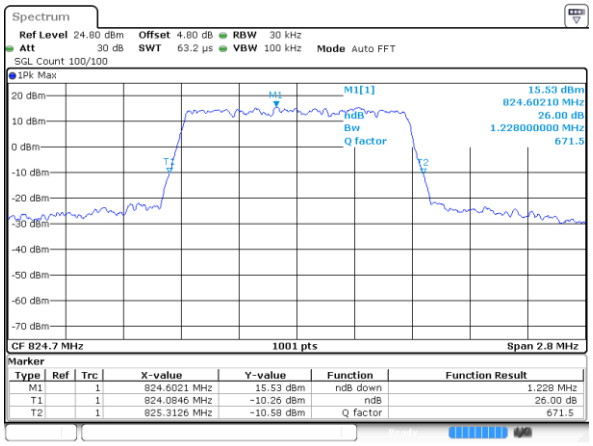


26dB Bandwidth

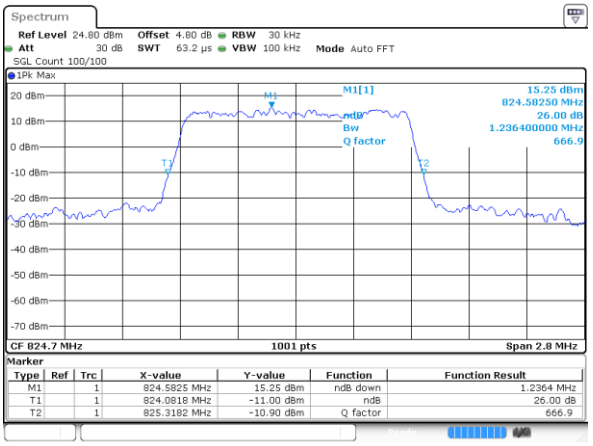
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.24	3.06	3.02	4.93	4.93	9.77	9.81	-	-	-	-
Middle CH	1.23	1.23	3.02	3.00	4.89	4.89	9.65	9.75	-	-	-	-
Highest CH	1.22	1.23	3.03	3.05	5.01	4.82	9.95	9.83	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.07	-	4.89	-	9.81	-	-	-	-	-
Middle CH	1.23	-	3.07	-	4.88	-	9.65	-	-	-	-	-
Highest CH	1.22	-	2.96	-	4.92	-	9.67	-	-	-	-	-

LTE Band 5

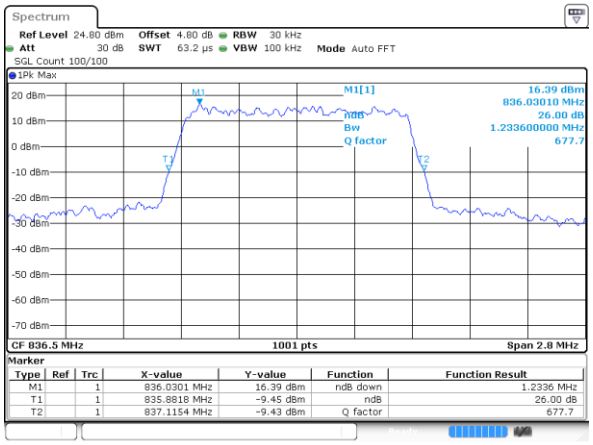
Lowest Channel / 1.4MHz / QPSK



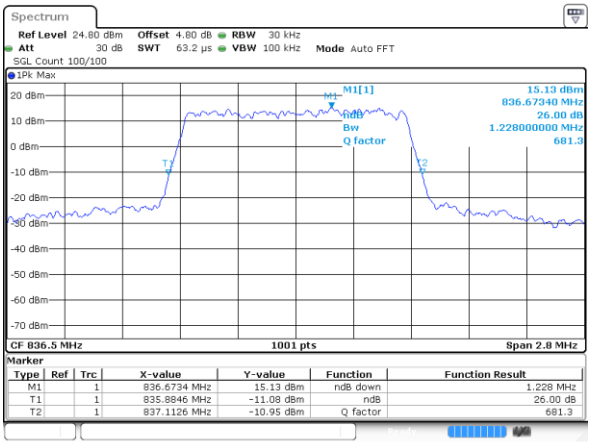
Lowest Channel / 1.4MHz / 16QAM



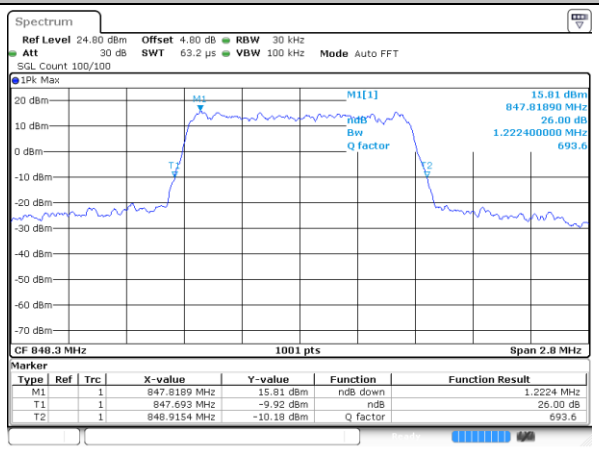
Middle Channel / 1.4MHz / QPSK



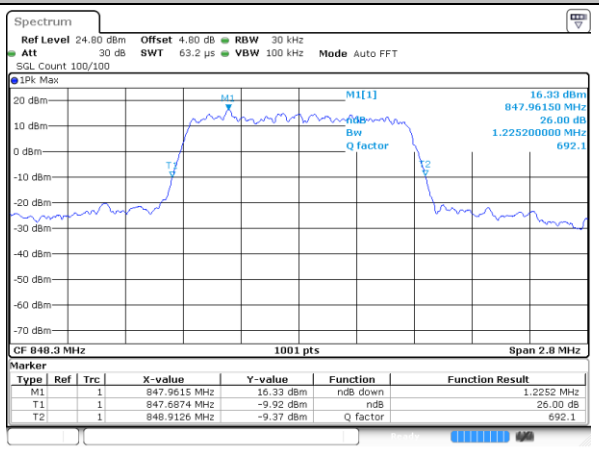
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

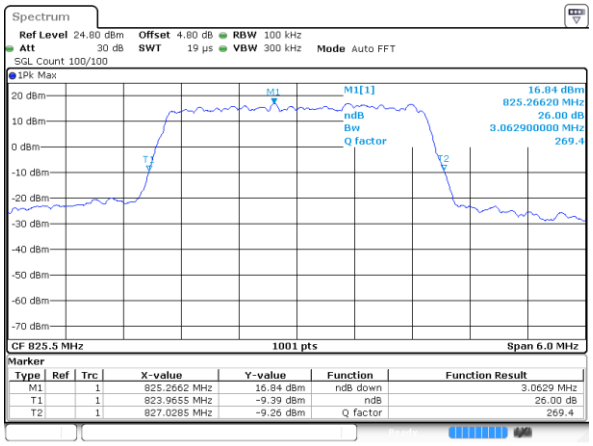


Highest Channel / 1.4MHz / 16QAM

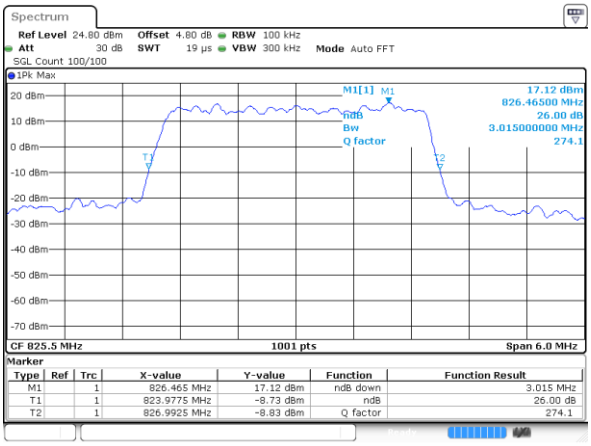


LTE Band 5

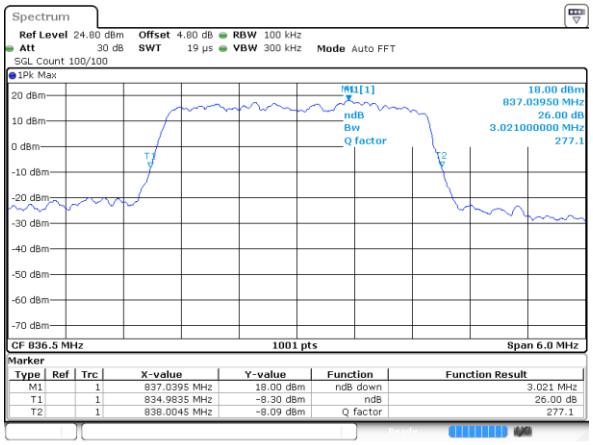
Lowest Channel / 3MHz / QPSK



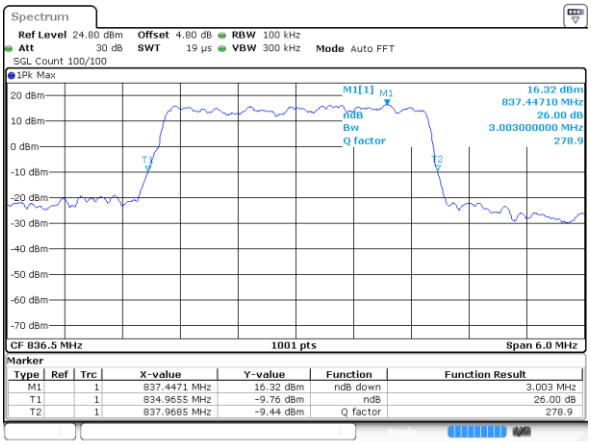
Lowest Channel / 3MHz / 16QAM



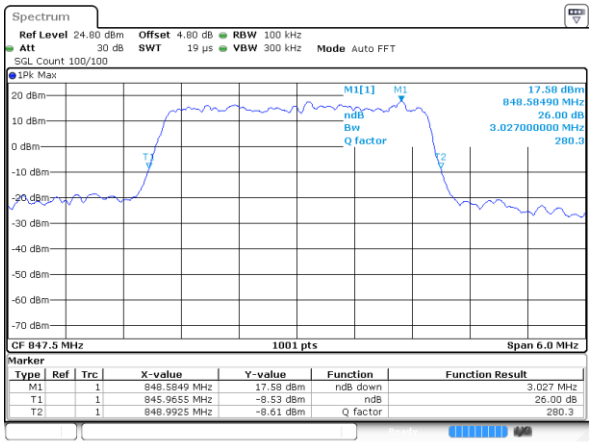
Middle Channel / 3MHz / QPSK



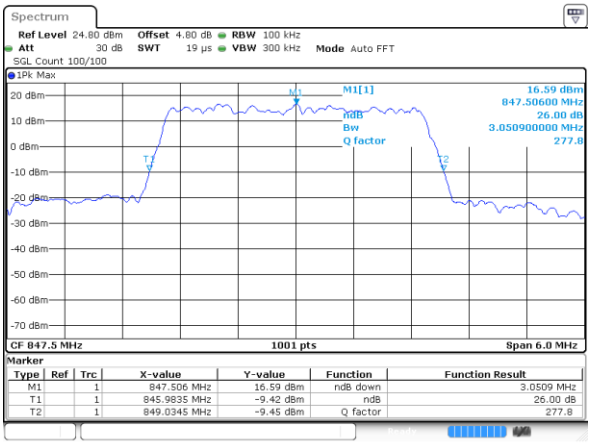
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

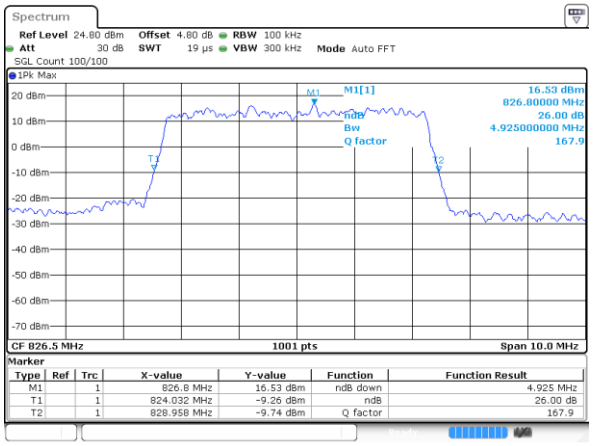


Highest Channel / 3MHz / 16QAM

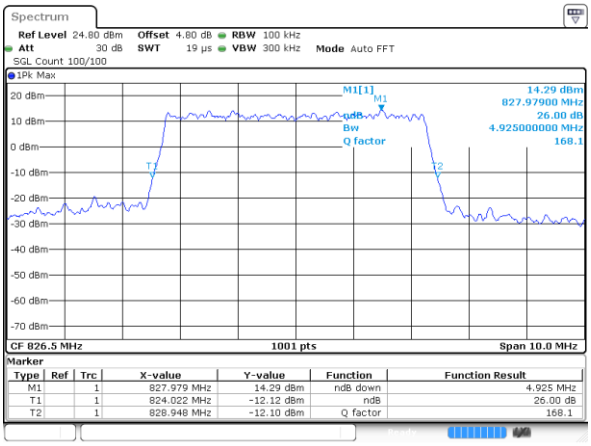


LTE Band 5

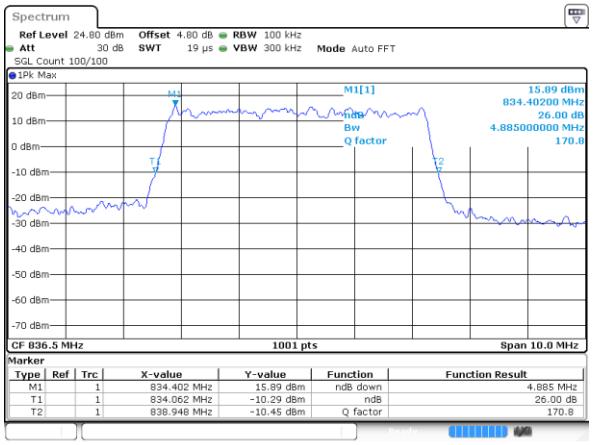
Lowest Channel / 5MHz / QPSK



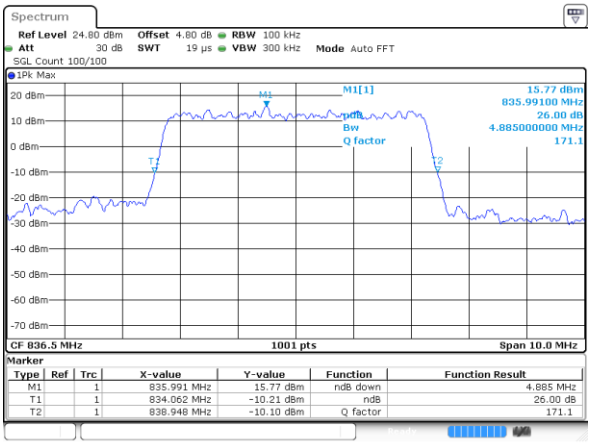
Lowest Channel / 5MHz / 16QAM



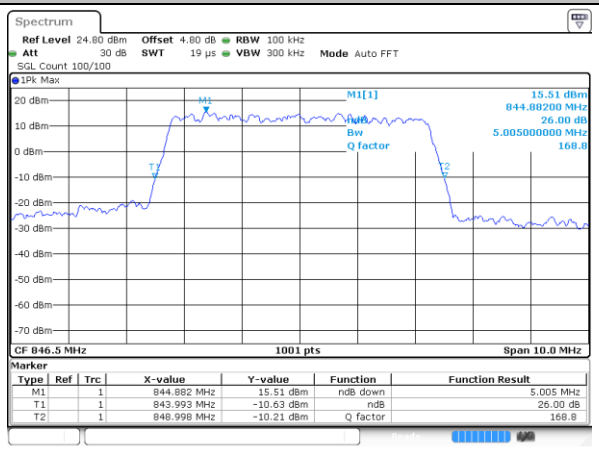
Middle Channel / 5MHz / QPSK



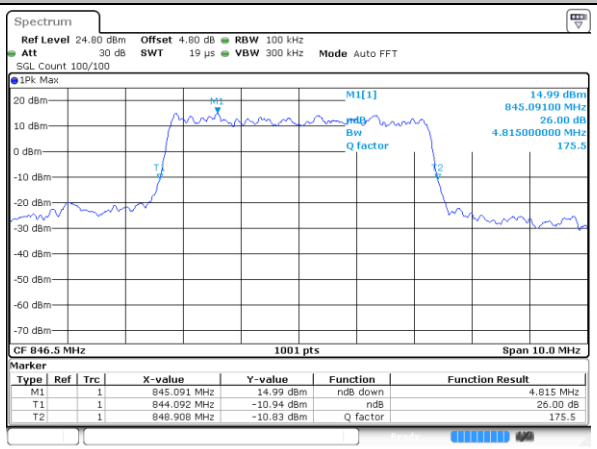
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

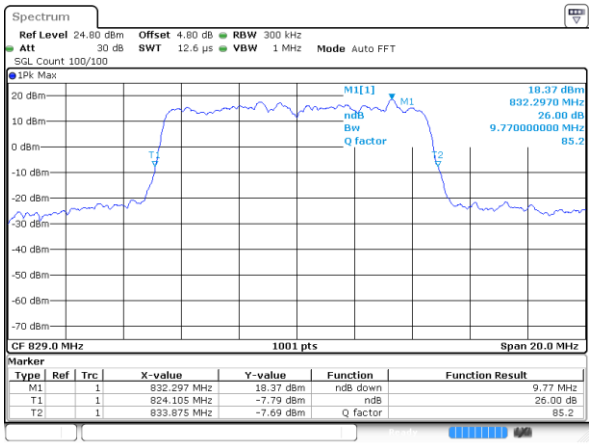


Highest Channel / 5MHz / 16QAM

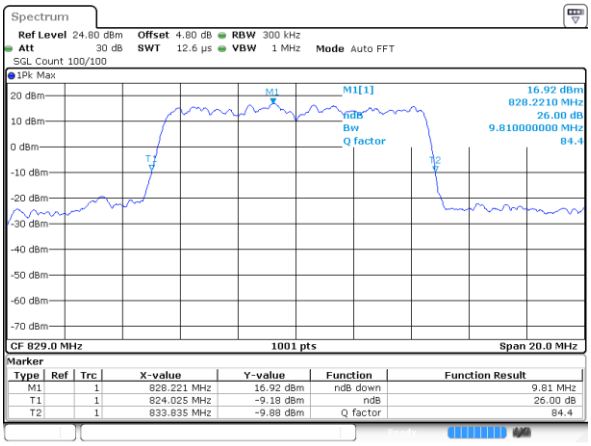


LTE Band 5

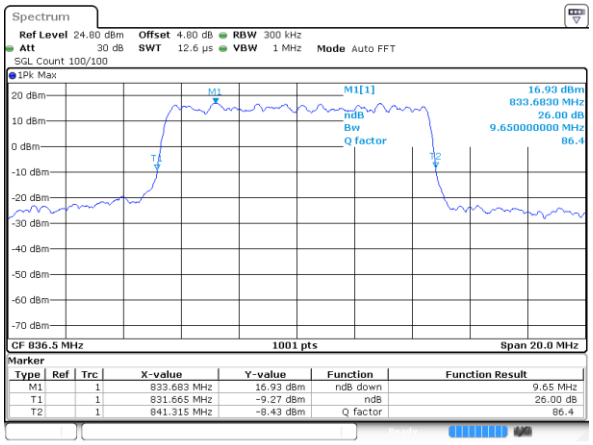
Lowest Channel / 10MHz / QPSK



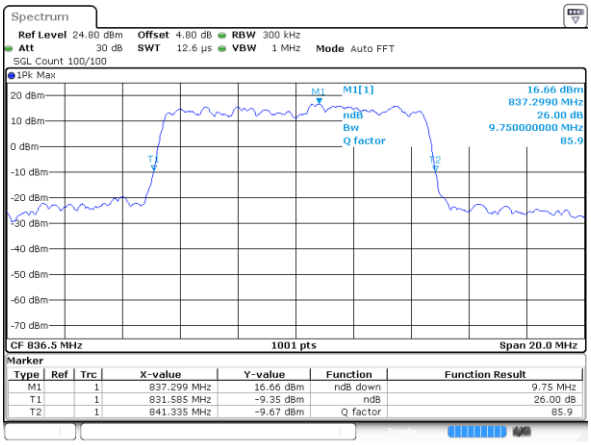
Lowest Channel / 10MHz / 16QAM



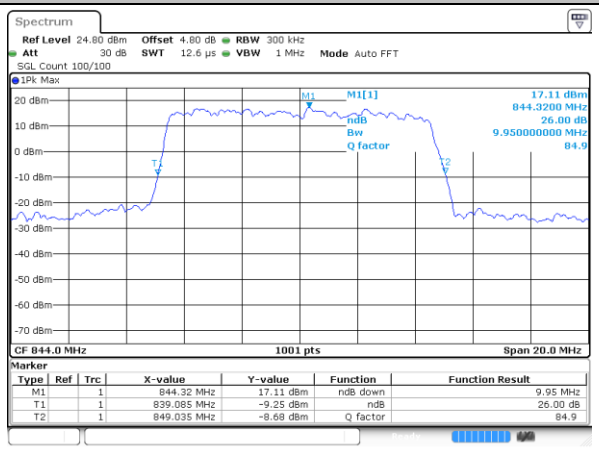
Middle Channel / 10MHz / QPSK



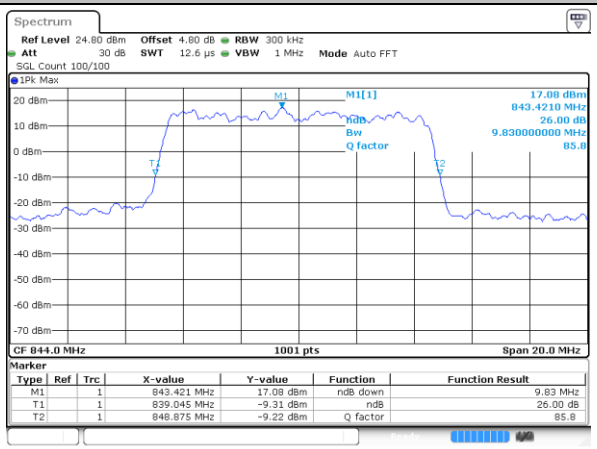
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

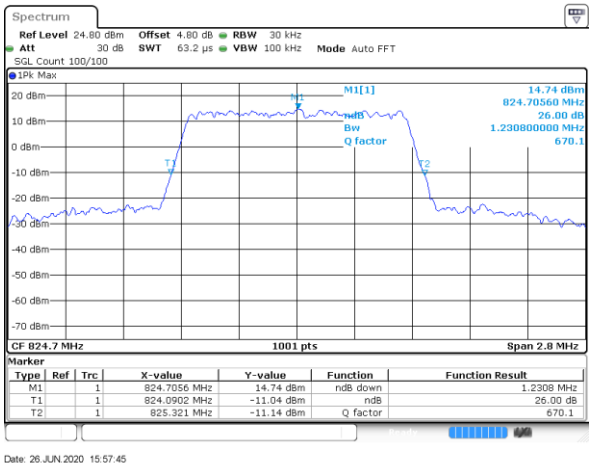


Highest Channel / 10MHz / 16QAM

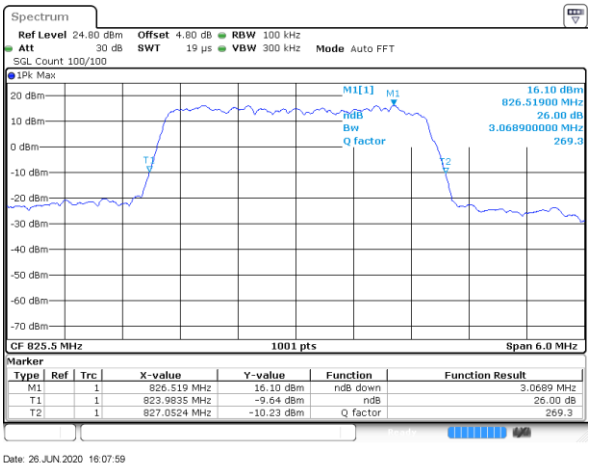


LTE Band 5

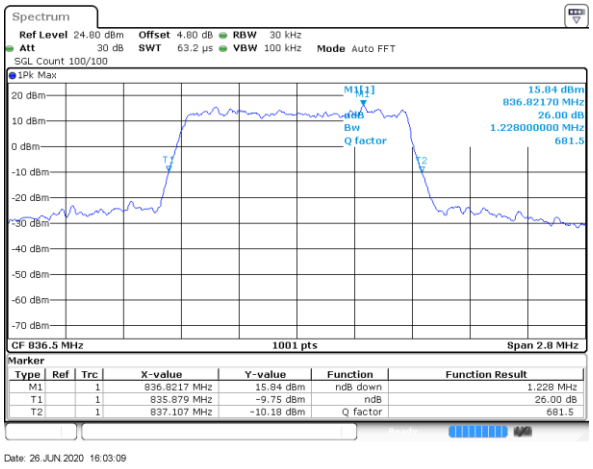
Lowest Channel / 1.4MHz / 64QAM



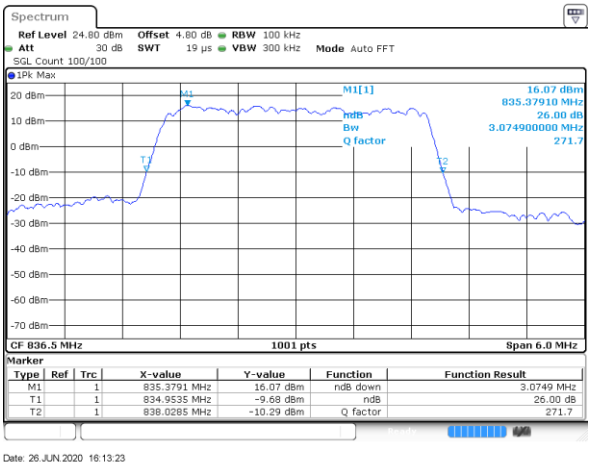
Lowest Channel / 3MHz / 64QAM



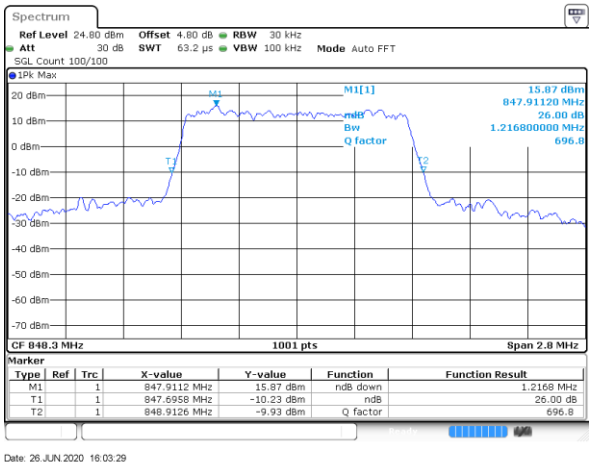
Middle Channel / 1.4MHz / 64QAM



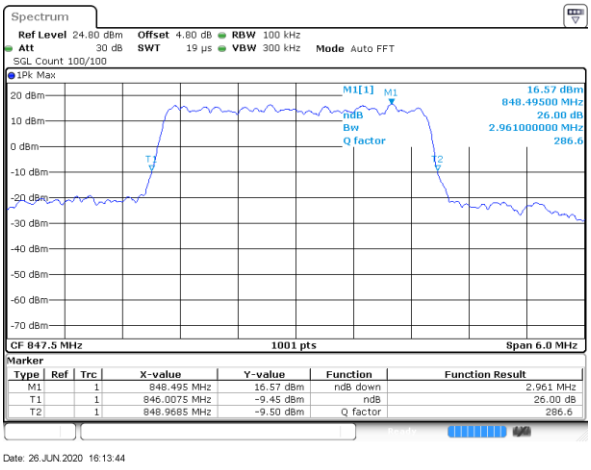
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

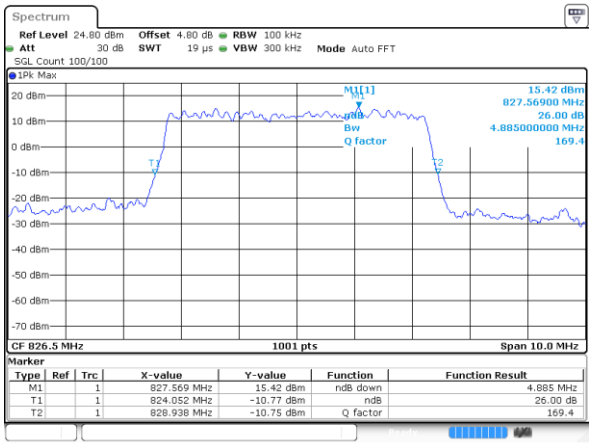


Highest Channel / 3MHz / 64QAM

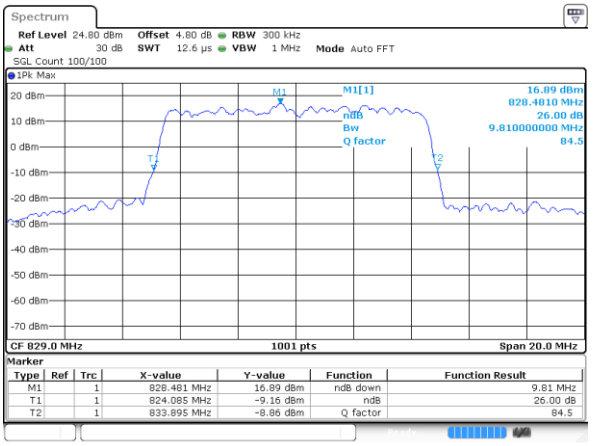


LTE Band 5

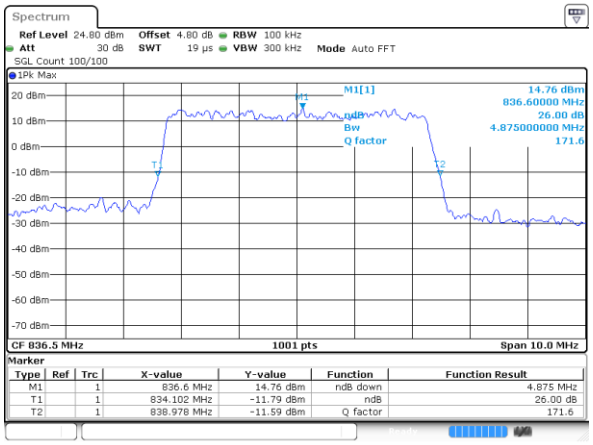
Lowest Channel / 5MHz / 64QAM



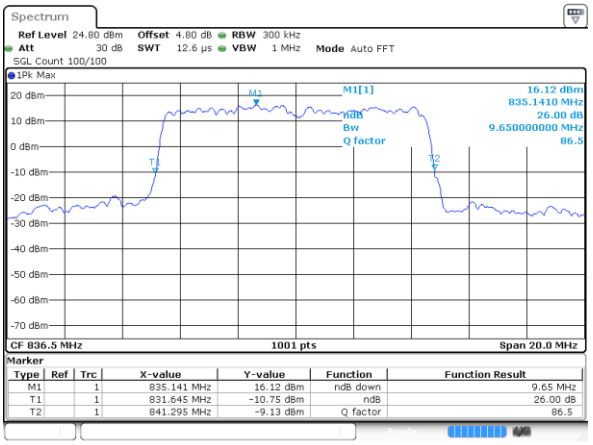
Lowest Channel / 10MHz / 64QAM



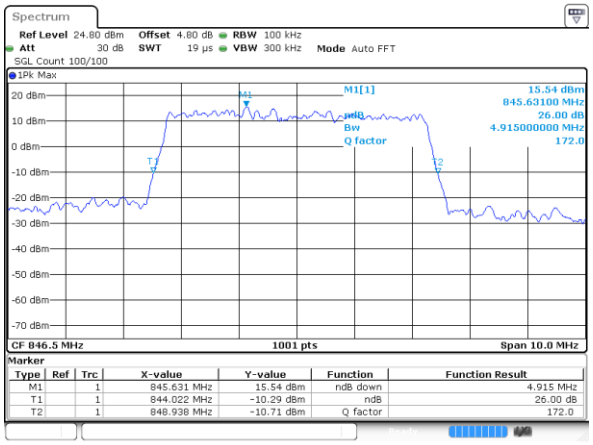
Middle Channel / 5MHz / 64QAM



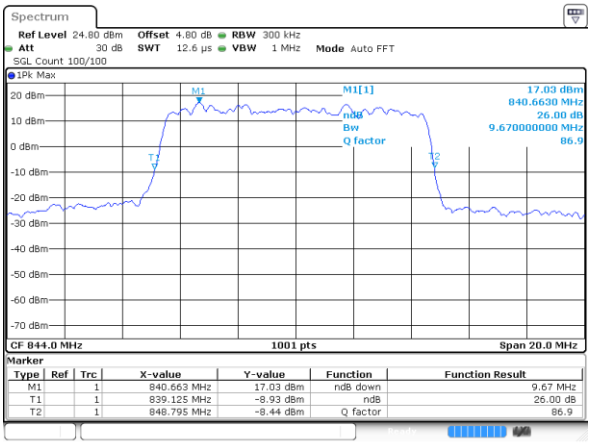
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

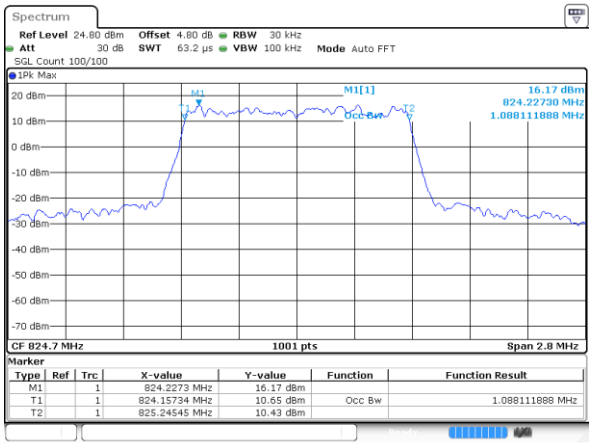


Occupied Bandwidth

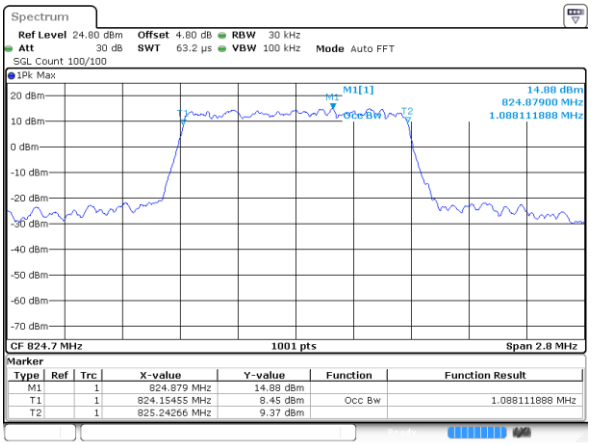
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.75	2.74	4.52	4.51	8.97	9.01	-	-	-	-
Middle CH	1.09	1.10	2.72	2.73	4.50	4.48	9.03	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.51	4.49	9.07	8.97	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08	-	2.73	-	4.51	-	9.05	-	-	-	-	-
Middle CH	1.08	-	2.73	-	4.50	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.73	-	4.51	-	8.97	-	-	-	-	-

LTE Band 5

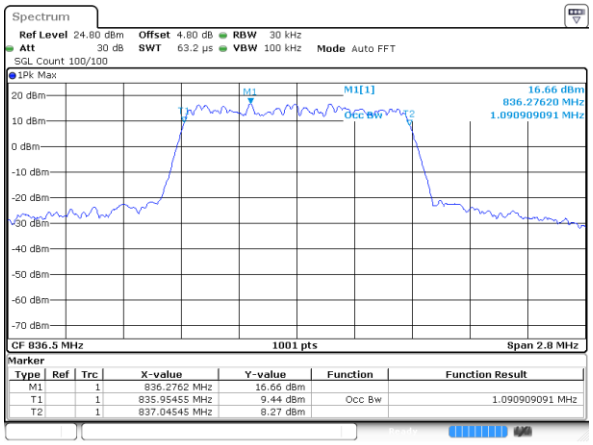
Lowest Channel / 1.4MHz / QPSK



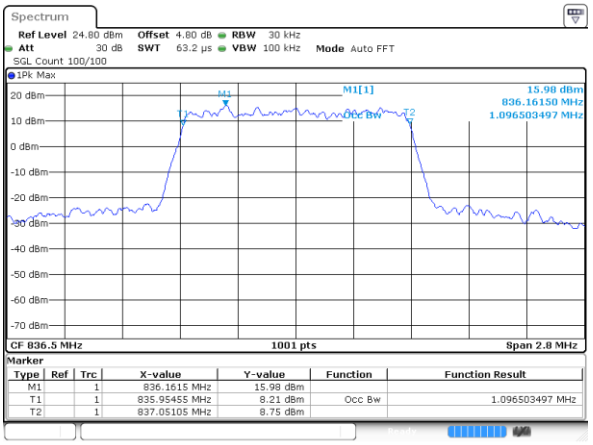
Lowest Channel / 1.4MHz / 16QAM



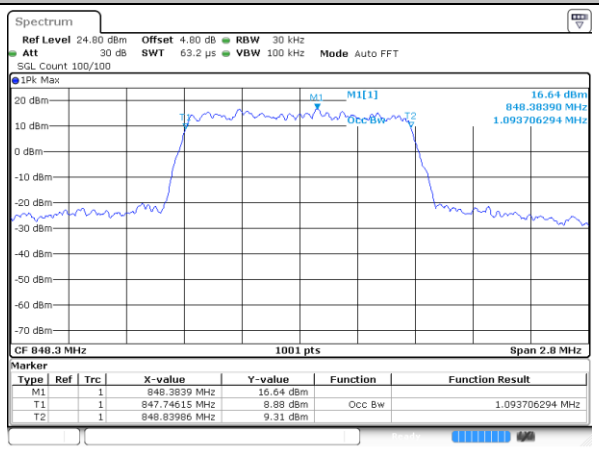
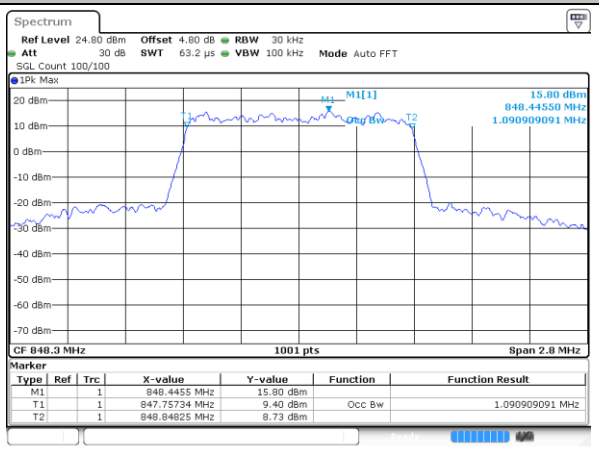
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM