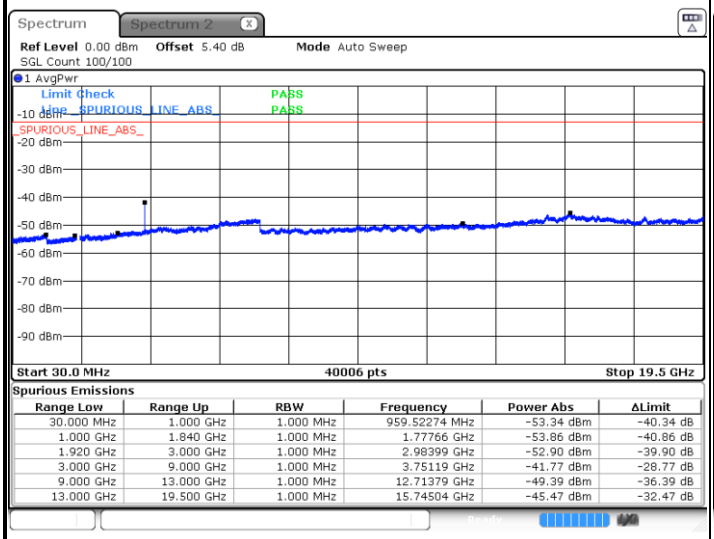
LTE Band 2 / 10MHz

Middle Channel / QPSK

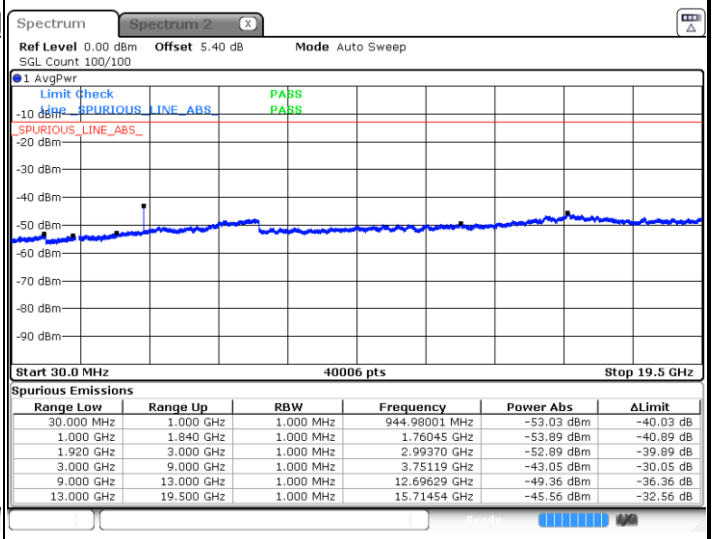


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-53.34 dBm	-40.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77766 GHz	-53.86 dBm	-40.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98399 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-41.77 dBm	-28.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71379 GHz	-49.39 dBm	-36.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-45.47 dBm	-32.47 dB

Date: 20.DEC.2019 16:02:40

Middle Channel / 16QAM

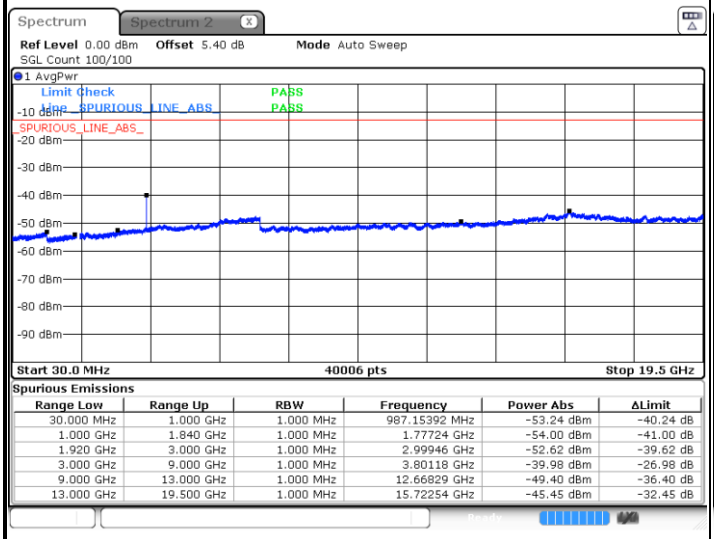


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-53.03 dBm	-40.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76045 GHz	-53.89 dBm	-40.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-52.89 dBm	-39.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69629 GHz	-49.36 dBm	-36.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71454 GHz	-45.56 dBm	-32.56 dB

Date: 20.DEC.2019 16:03:34

Highest Channel / QPSK

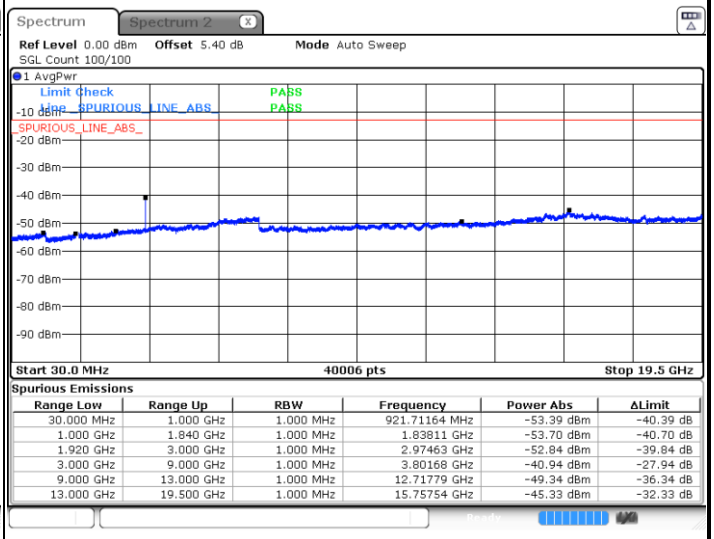


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-53.24 dBm	-40.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77724 GHz	-54.00 dBm	-41.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-52.62 dBm	-39.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-39.98 dBm	-26.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66829 GHz	-49.40 dBm	-36.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72254 GHz	-45.45 dBm	-32.45 dB

Date: 20.DEC.2019 16:09:38

Highest Channel / 16QAM



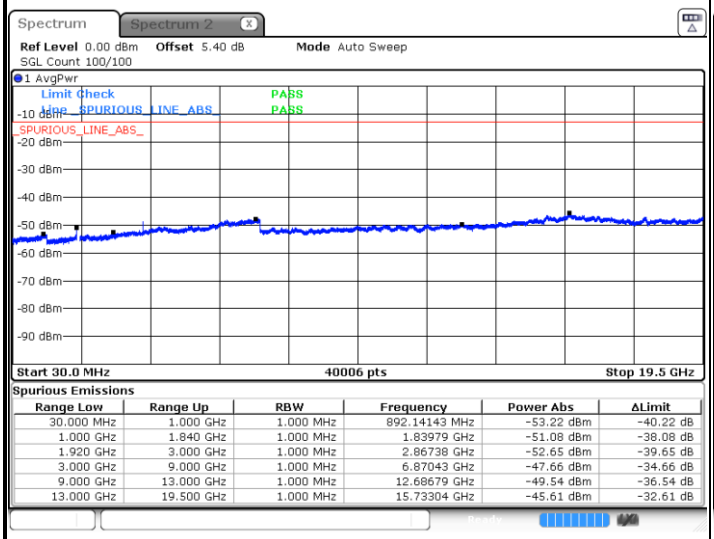
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-53.39 dBm	-40.39 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-53.70 dBm	-40.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97463 GHz	-52.84 dBm	-39.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80168 GHz	-40.94 dBm	-27.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71779 GHz	-49.34 dBm	-36.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75754 GHz	-45.33 dBm	-32.33 dB

Date: 20.DEC.2019 16:10:32

LTE Band 2 / 15MHz

Lowest Channel / QPSK

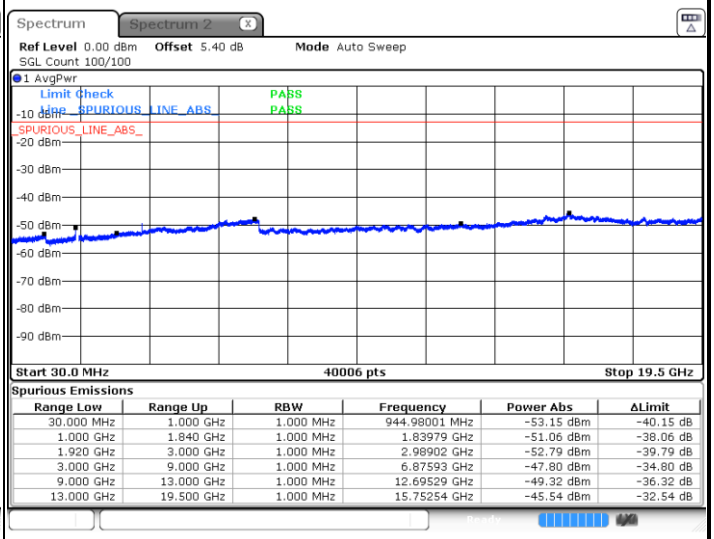


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.14143 MHz	-53.22 dBm	-40.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-51.08 dBm	-38.08 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.86738 GHz	-52.65 dBm	-39.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87043 GHz	-47.66 dBm	-34.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68679 GHz	-49.54 dBm	-36.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73304 GHz	-45.61 dBm	-32.61 dB

Date: 20.DEC.2019 16:16:36

Lowest Channel / 16QAM

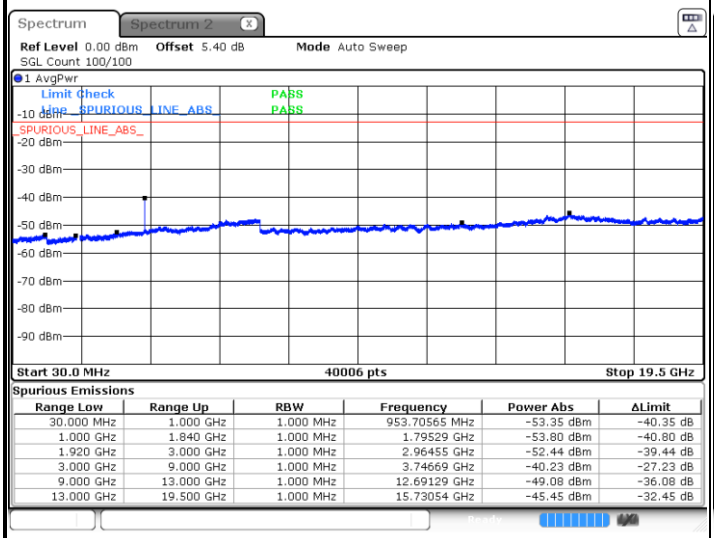


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-53.15 dBm	-40.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-51.06 dBm	-38.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-52.79 dBm	-39.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87593 GHz	-47.80 dBm	-34.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69529 GHz	-49.32 dBm	-36.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75254 GHz	-45.54 dBm	-32.54 dB

Date: 20.DEC.2019 16:17:31

Middle Channel / QPSK

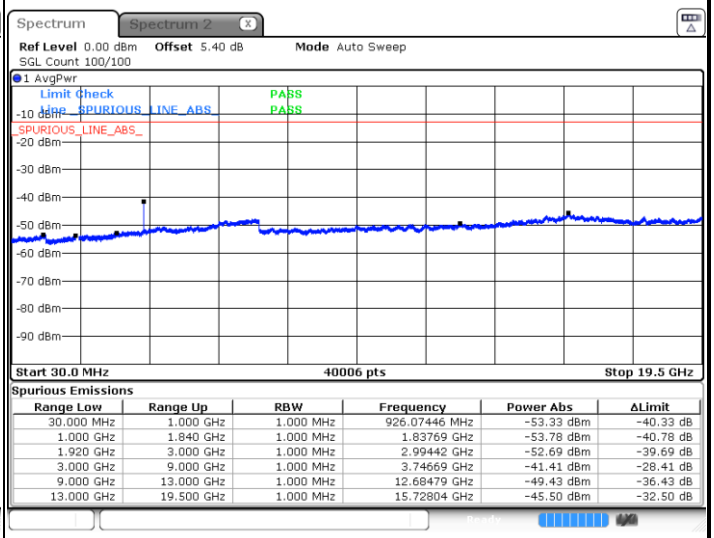


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-53.35 dBm	-40.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79529 GHz	-53.80 dBm	-40.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96455 GHz	-52.44 dBm	-39.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-40.23 dBm	-27.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69129 GHz	-49.08 dBm	-36.08 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73054 GHz	-45.45 dBm	-32.45 dB

Date: 20.DEC.2019 16:19:05

Middle Channel / 16QAM



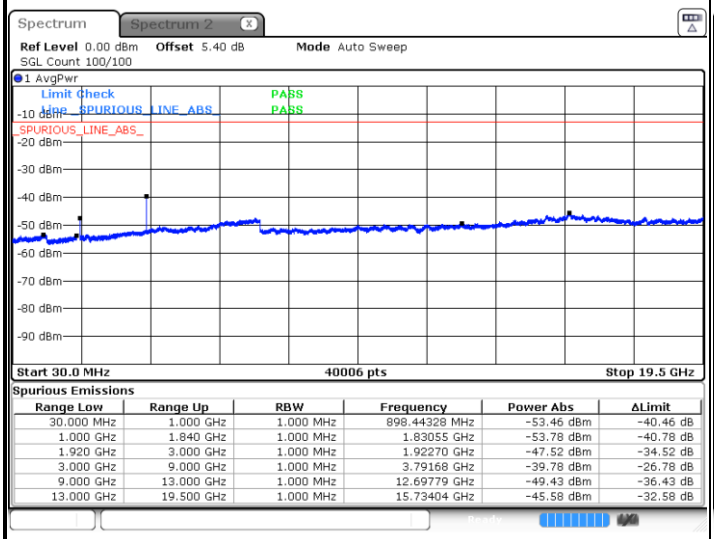
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-53.33 dBm	-40.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-53.78 dBm	-40.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99442 GHz	-52.69 dBm	-39.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68479 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72804 GHz	-45.50 dBm	-32.50 dB

Date: 20.DEC.2019 16:20:00

LTE Band 2 / 15MHz

Highest Channel / QPSK

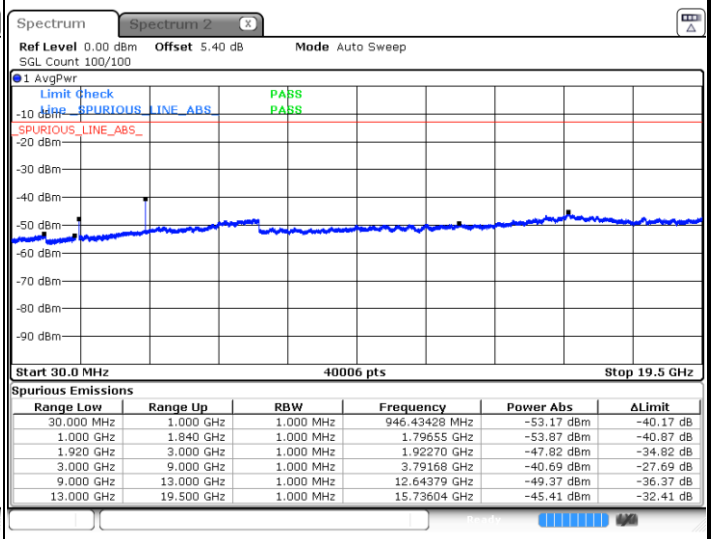


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-53.46 dBm	-40.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83055 GHz	-53.78 dBm	-40.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-47.52 dBm	-34.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-39.78 dBm	-26.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69779 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73404 GHz	-45.58 dBm	-32.58 dB

Date: 20.DEC.2019 16:26:03

Highest Channel / 16QAM



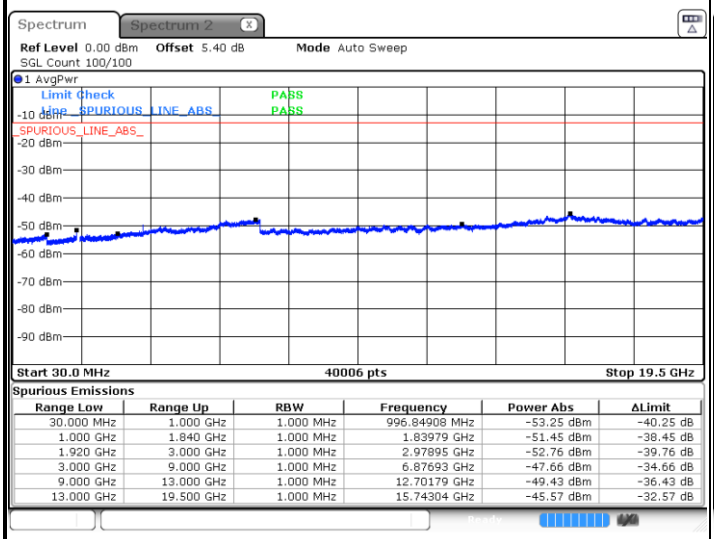
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.17 dBm	-40.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79655 GHz	-53.87 dBm	-40.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-47.82 dBm	-34.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-40.69 dBm	-27.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64379 GHz	-49.37 dBm	-36.37 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73604 GHz	-45.41 dBm	-32.41 dB

Date: 20.DEC.2019 16:26:58

LTE Band 2 / 20MHz

Lowest Channel / QPSK

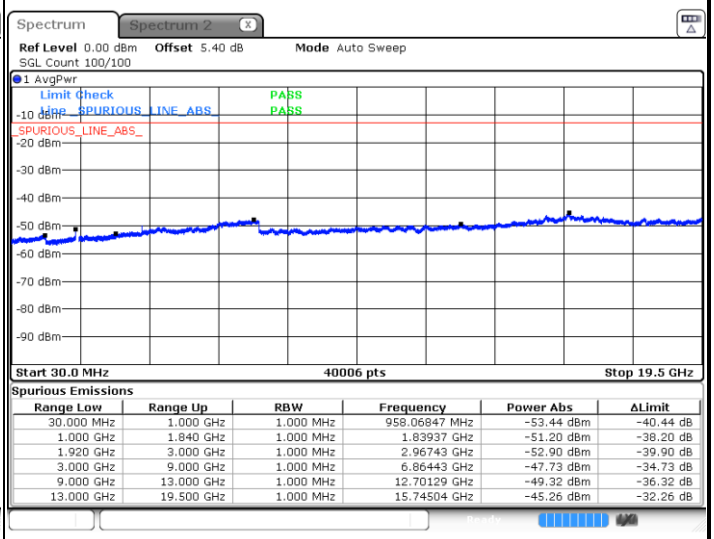


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-51.45 dBm	-38.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97895 GHz	-52.76 dBm	-39.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87693 GHz	-47.66 dBm	-34.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70179 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74304 GHz	-45.57 dBm	-32.57 dB

Date: 20.DEC.2019 16:33:02

Lowest Channel / 16QAM



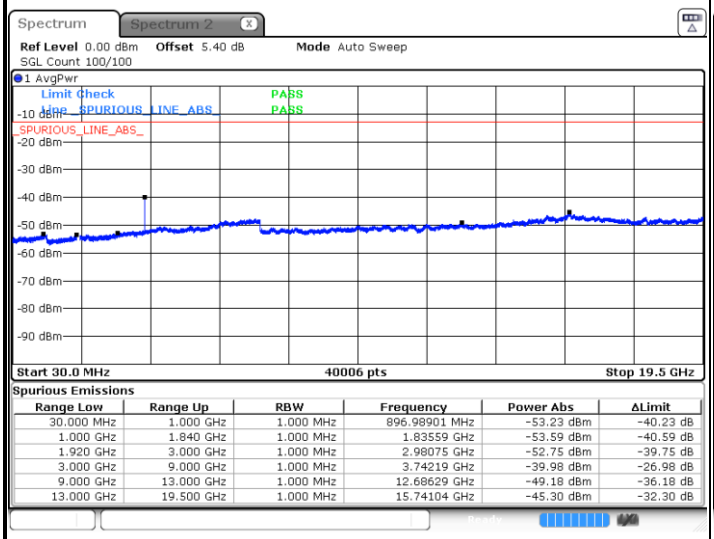
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-51.20 dBm	-38.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96743 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86443 GHz	-47.73 dBm	-34.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70129 GHz	-49.32 dBm	-36.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-45.26 dBm	-32.26 dB

Date: 20.DEC.2019 16:33:56

LTE Band 2 / 20MHz

Middle Channel / QPSK

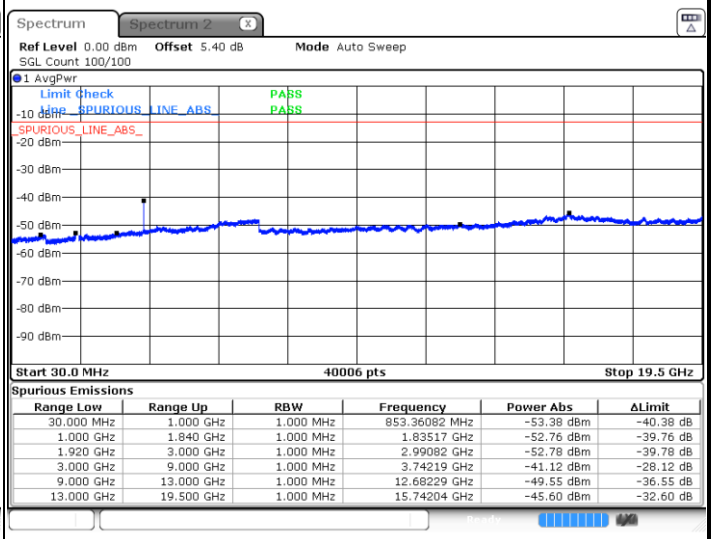


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-53.23 dBm	-40.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-53.59 dBm	-40.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98075 GHz	-52.75 dBm	-39.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-39.98 dBm	-26.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68629 GHz	-49.18 dBm	-36.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74104 GHz	-45.30 dBm	-32.30 dB

Date: 20.DEC.2019 16:35:31

Middle Channel / 16QAM

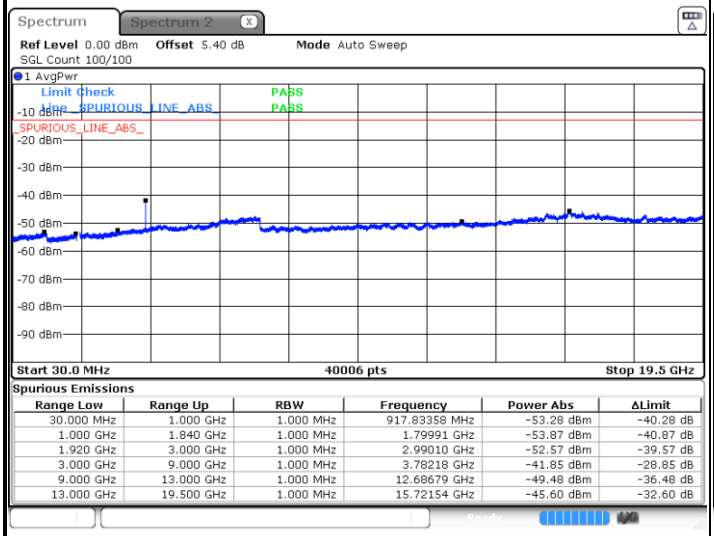


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.36082 MHz	-53.38 dBm	-40.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-52.76 dBm	-39.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-52.78 dBm	-39.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-41.12 dBm	-28.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-49.55 dBm	-36.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74204 GHz	-45.60 dBm	-32.60 dB

Date: 20.DEC.2019 16:36:26

Highest Channel / QPSK

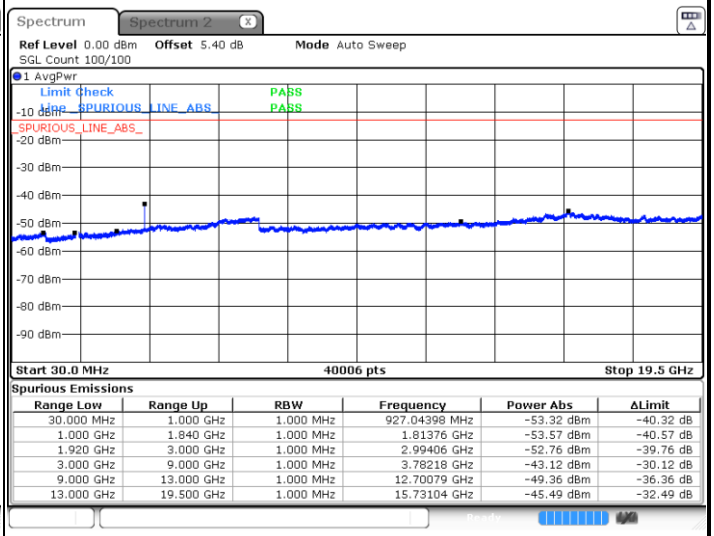


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-53.28 dBm	-40.28 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79991 GHz	-53.87 dBm	-40.87 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99010 GHz	-52.57 dBm	-39.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-41.85 dBm	-28.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68679 GHz	-49.48 dBm	-36.48 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72154 GHz	-45.60 dBm	-32.60 dB

Date: 20.DEC.2019 16:42:30

Highest Channel / 16QAM



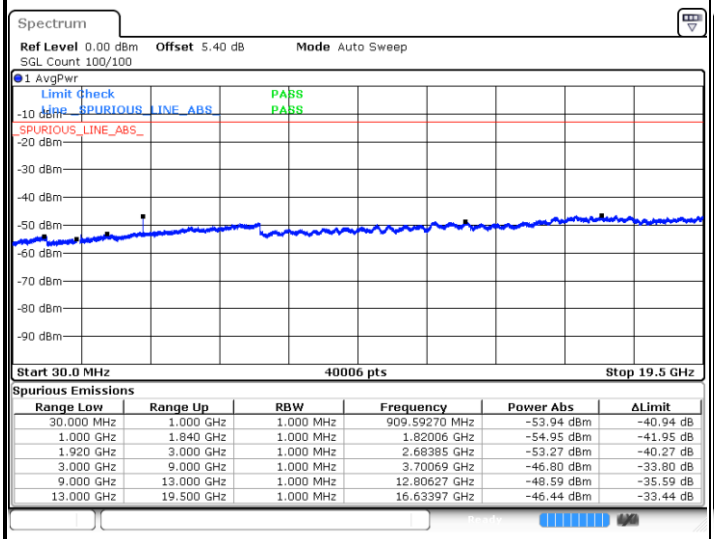
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.04398 MHz	-53.32 dBm	-40.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81376 GHz	-53.57 dBm	-40.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-52.76 dBm	-39.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-43.12 dBm	-30.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-49.36 dBm	-36.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73104 GHz	-45.49 dBm	-32.49 dB

Date: 20.DEC.2019 16:43:24

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

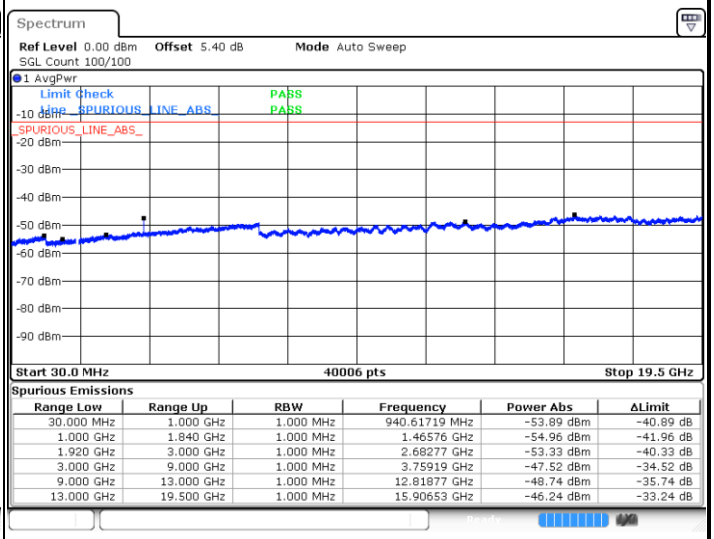


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-53.94 dBm	-40.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82006 GHz	-54.95 dBm	-41.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68385 GHz	-53.27 dBm	-40.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.80 dBm	-33.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80627 GHz	-48.59 dBm	-35.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.63397 GHz	-46.44 dBm	-33.44 dB

Date: 22.DEC.2019 22:26:14

Middle Channel / 64QAM

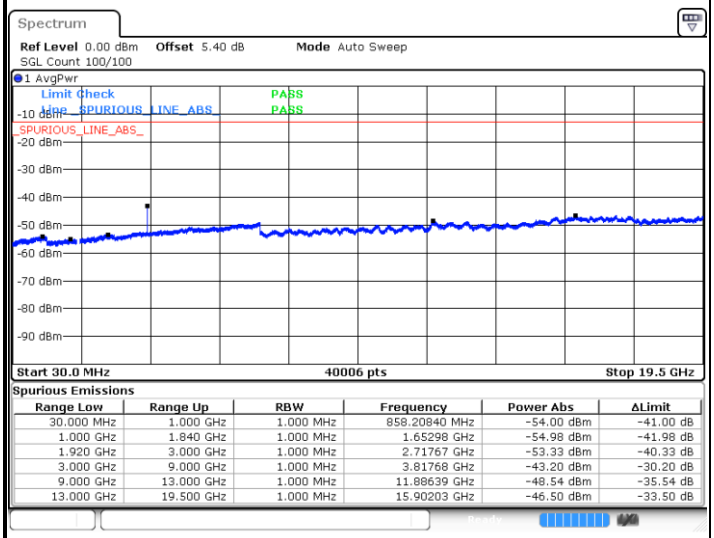


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.61719 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.46576 GHz	-54.96 dBm	-41.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68277 GHz	-53.33 dBm	-40.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-47.52 dBm	-34.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81877 GHz	-48.74 dBm	-35.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90653 GHz	-46.24 dBm	-33.24 dB

Date: 22.DEC.2019 22:26:59

Highest Channel / 64QAM



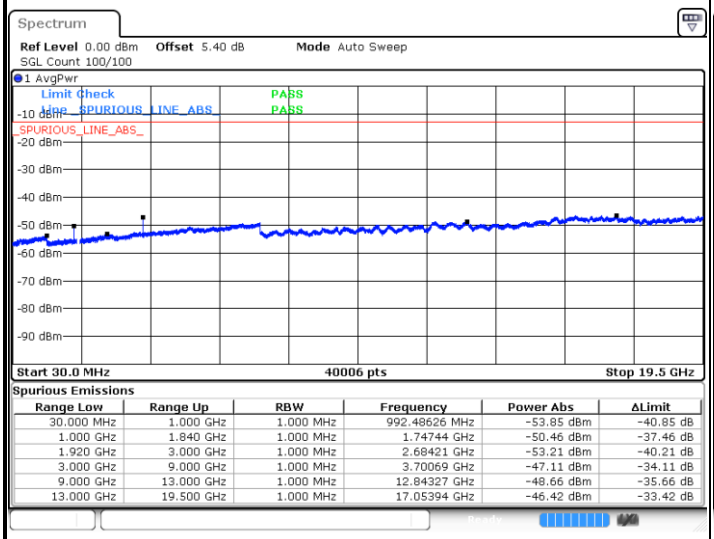
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	858.20840 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65298 GHz	-54.98 dBm	-41.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.71767 GHz	-53.33 dBm	-40.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-43.20 dBm	-30.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.88639 GHz	-48.54 dBm	-35.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90203 GHz	-46.50 dBm	-33.50 dB

Date: 22.DEC.2019 22:28:43

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

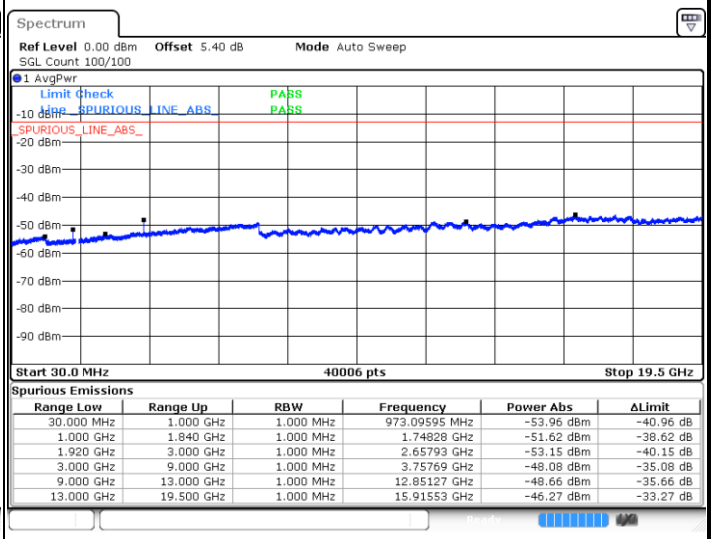


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-53.85 dBm	-40.85 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74744 GHz	-50.46 dBm	-37.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68421 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.11 dBm	-34.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84327 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05394 GHz	-46.42 dBm	-33.42 dB

Date: 22.DEC.2019 22:31:00

Middle Channel / 64QAM

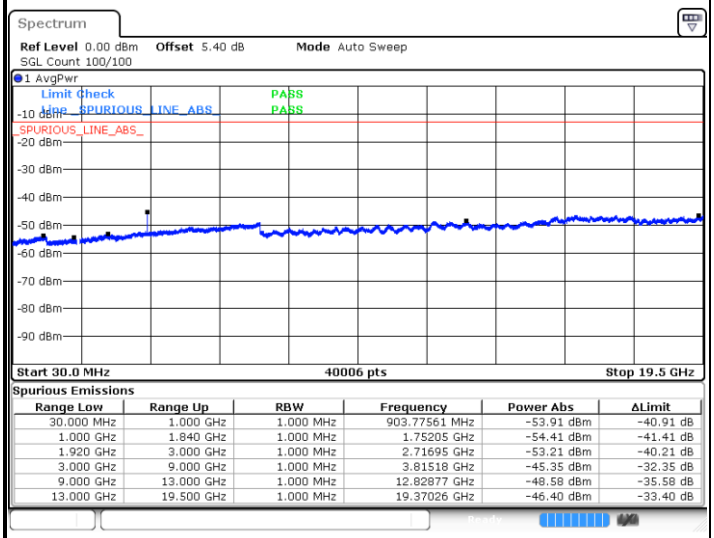


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74828 GHz	-51.62 dBm	-38.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65793 GHz	-53.15 dBm	-40.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-48.08 dBm	-35.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85127 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91553 GHz	-46.27 dBm	-33.27 dB

Date: 22.DEC.2019 22:31:44

Highest Channel / 64QAM



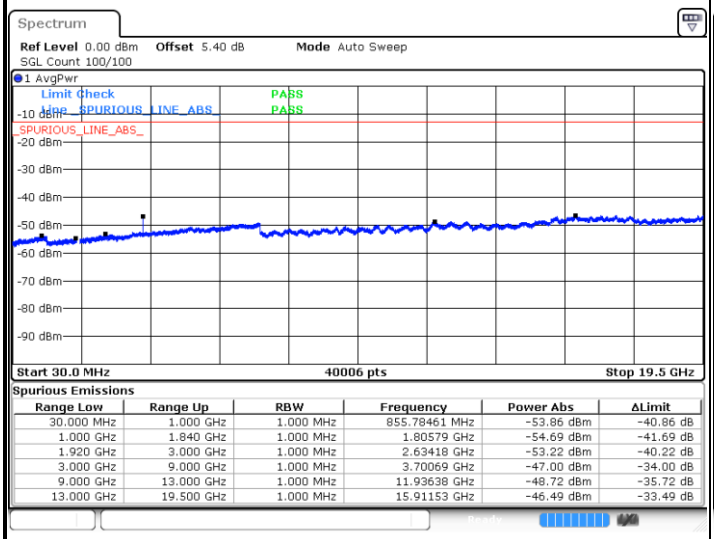
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75205 GHz	-54.41 dBm	-41.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.71695 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81518 GHz	-45.35 dBm	-32.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82877 GHz	-48.58 dBm	-35.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.37026 GHz	-46.40 dBm	-33.40 dB

Date: 22.DEC.2019 22:32:31

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

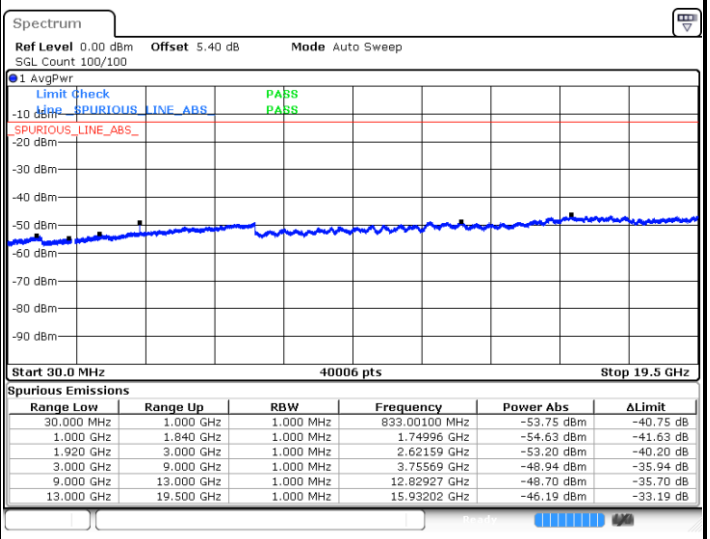


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.78461 MHz	-53.86 dBm	-40.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80579 GHz	-54.69 dBm	-41.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63418 GHz	-53.22 dBm	-40.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.00 dBm	-34.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93638 GHz	-48.72 dBm	-35.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.91153 GHz	-46.49 dBm	-33.49 dB

Date: 22.DEC.2019 22:33:31

Middle Channel / 64QAM

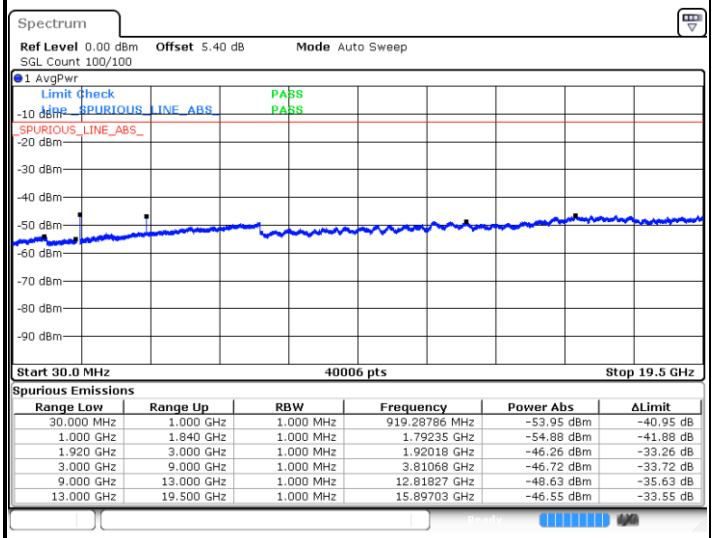


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-53.75 dBm	-40.75 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74996 GHz	-54.63 dBm	-41.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.62159 GHz	-53.20 dBm	-40.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-48.94 dBm	-35.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82927 GHz	-48.70 dBm	-35.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.93202 GHz	-46.19 dBm	-33.19 dB

Date: 22.DEC.2019 22:34:23

Highest Channel / 64QAM



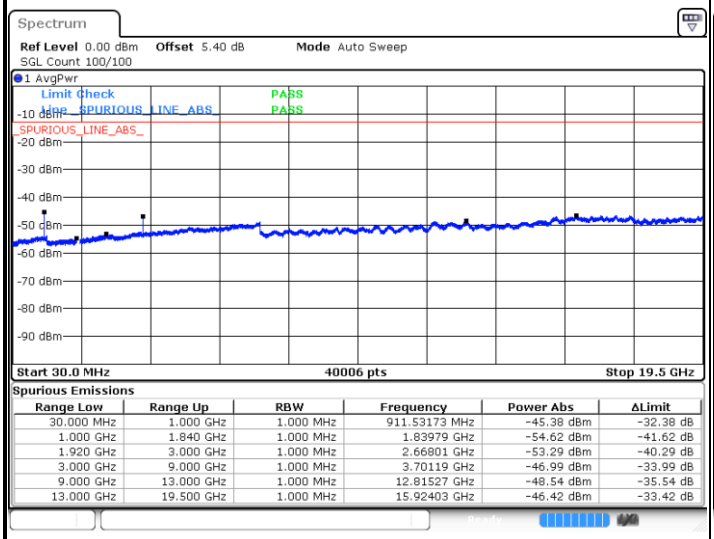
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79235 GHz	-54.88 dBm	-41.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-46.72 dBm	-33.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81827 GHz	-48.63 dBm	-35.63 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89703 GHz	-46.55 dBm	-33.55 dB

Date: 22.DEC.2019 22:36:57

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

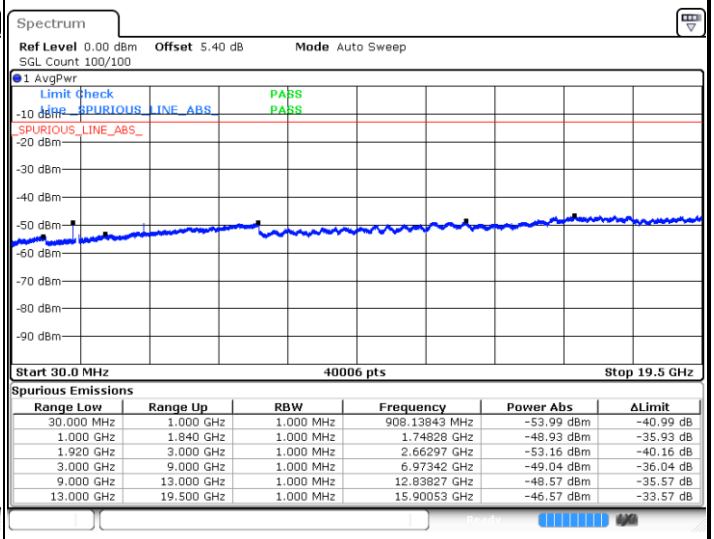


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-45.38 dBm	-32.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.62 dBm	-41.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66801 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.99 dBm	-33.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81527 GHz	-48.54 dBm	-35.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92403 GHz	-46.42 dBm	-33.42 dB

Date: 22.DEC.2019 22:37:42

Middle Channel / 64QAM

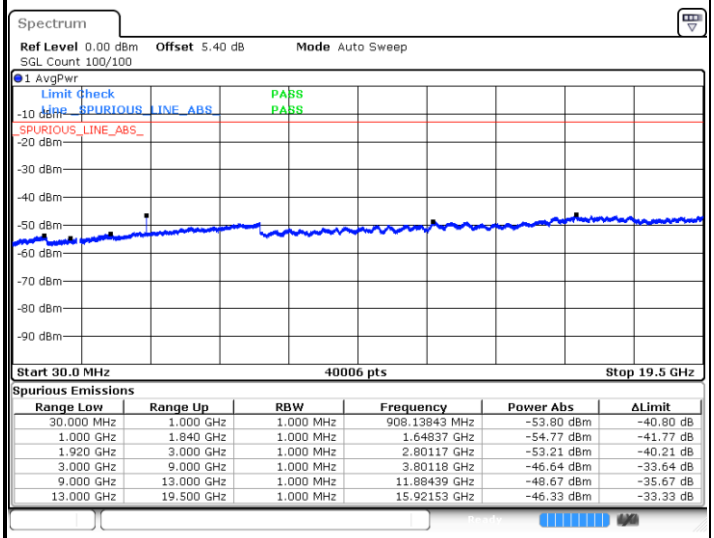


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-53.99 dBm	-40.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74828 GHz	-48.93 dBm	-35.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66297 GHz	-53.16 dBm	-40.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97342 GHz	-49.04 dBm	-36.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83827 GHz	-48.57 dBm	-35.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90053 GHz	-46.57 dBm	-33.57 dB

Date: 22.DEC.2019 22:38:28

Highest Channel / 64QAM



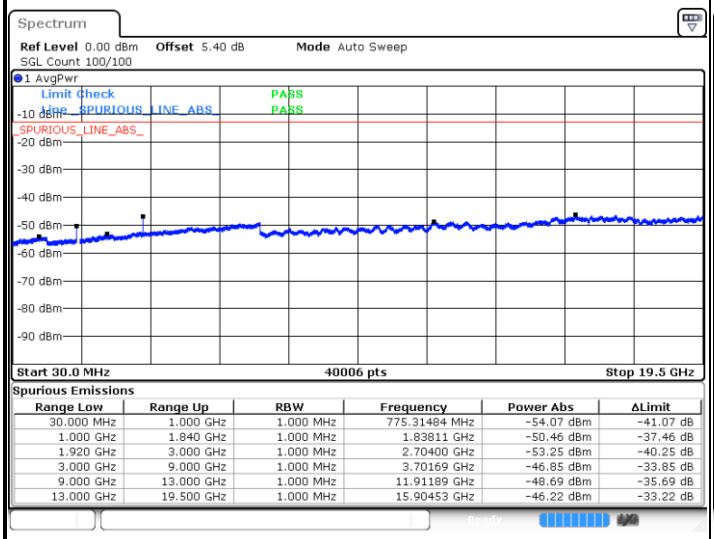
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-53.80 dBm	-40.80 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64837 GHz	-54.77 dBm	-41.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80117 GHz	-53.21 dBm	-40.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-46.64 dBm	-33.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.88439 GHz	-48.67 dBm	-35.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92153 GHz	-46.33 dBm	-33.33 dB

Date: 22.DEC.2019 22:39:10

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

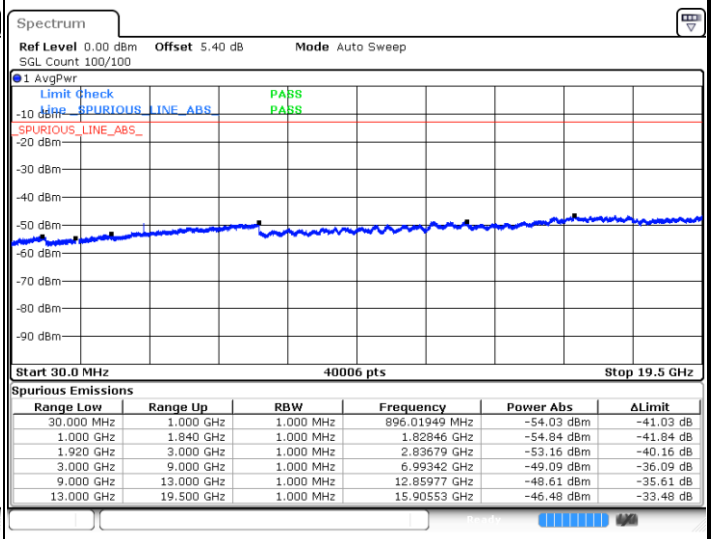


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	775.31484 MHz	-54.07 dBm	-41.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-50.46 dBm	-37.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.70400 GHz	-53.25 dBm	-40.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.85 dBm	-33.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91189 GHz	-48.69 dBm	-35.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90453 GHz	-46.22 dBm	-33.22 dB

Date: 22.DEC.2019 22:39:59

Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-54.84 dBm	-41.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83679 GHz	-53.16 dBm	-40.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-49.09 dBm	-36.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85977 GHz	-48.61 dBm	-35.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-46.48 dBm	-33.48 dB

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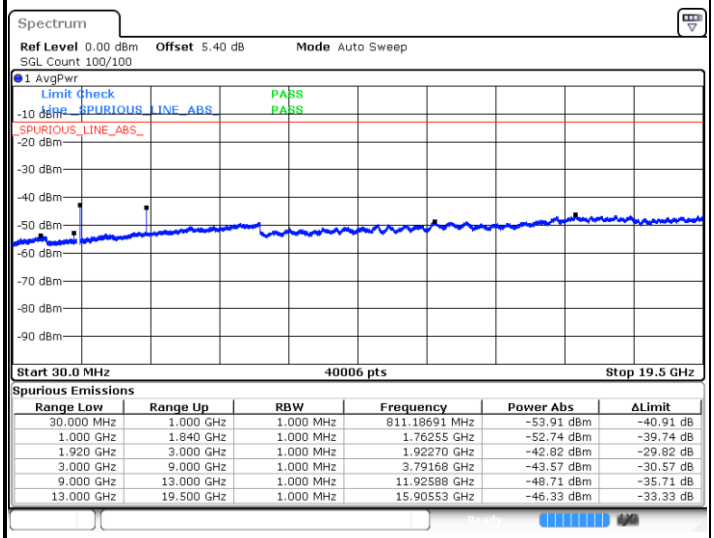
Highest Channel / 64QAM



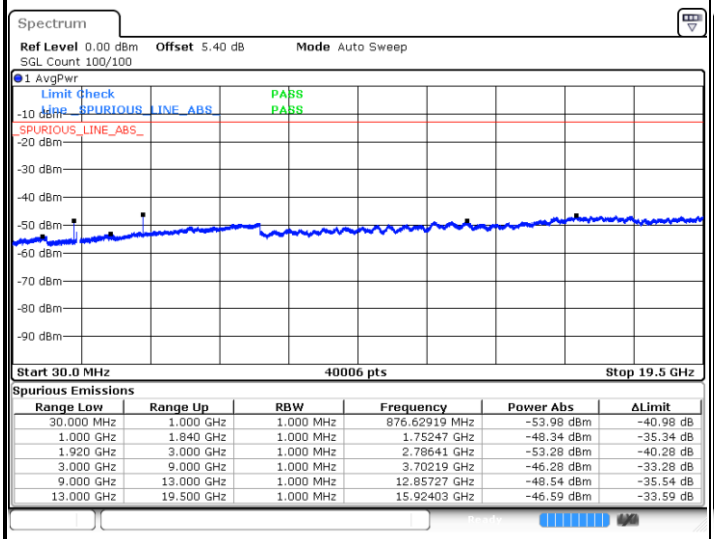
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	811.18691 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76255 GHz	-52.74 dBm	-39.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-42.82 dBm	-29.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-43.57 dBm	-30.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92588 GHz	-48.71 dBm	-35.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90553 GHz	-46.33 dBm	-33.33 dB

Date: 22.DEC.2019 22:41:23

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

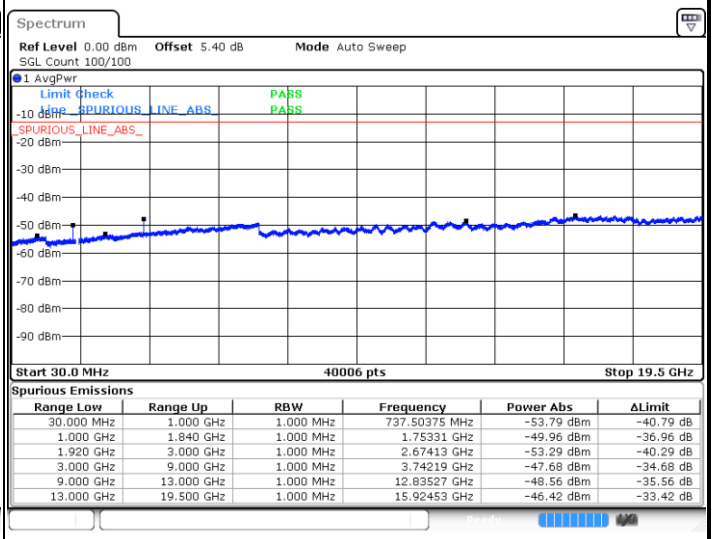


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-53.98 dBm	-40.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75247 GHz	-48.34 dBm	-35.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.78641 GHz	-53.28 dBm	-40.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.28 dBm	-33.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.54 dBm	-35.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92403 GHz	-46.59 dBm	-33.59 dB

Date: 22.DEC.2019 22:42:10

Middle Channel / 64QAM

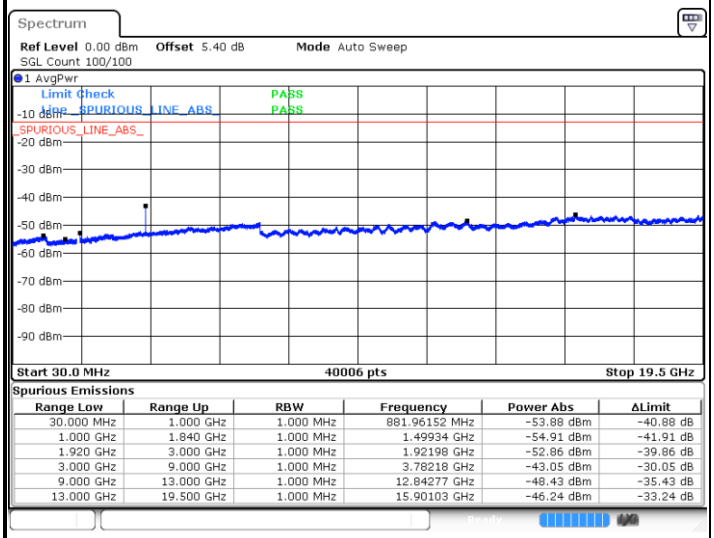


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	737.50375 MHz	-53.79 dBm	-40.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75331 GHz	-49.96 dBm	-36.96 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67413 GHz	-53.29 dBm	-40.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-47.68 dBm	-34.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83527 GHz	-48.56 dBm	-35.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92453 GHz	-46.42 dBm	-33.42 dB

Date: 22.DEC.2019 22:42:53

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-53.88 dBm	-40.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.49934 GHz	-54.91 dBm	-41.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92198 GHz	-52.86 dBm	-39.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84277 GHz	-48.43 dBm	-35.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.90103 GHz	-46.24 dBm	-33.24 dB

Date: 22.DEC.2019 22:43:35

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	0.0023	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0004	

Note:

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

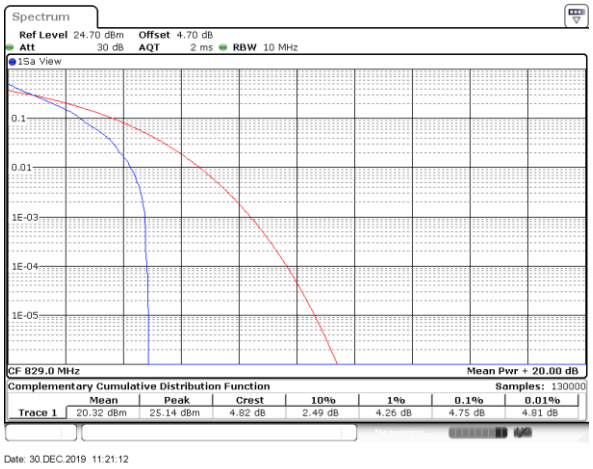
LTE Band 5

Peak-to-Average Ratio

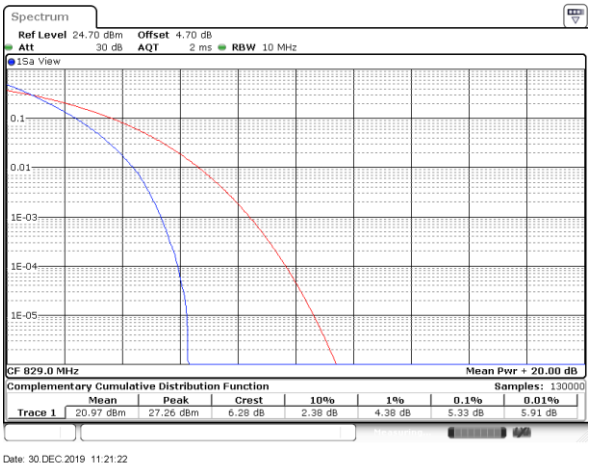
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.75	5.33	5.65	6.17	PASS
Middle CH	5.04	5.54	5.94	6.26	
Highest CH	4.81	5.59	5.86	6.38	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	6.41	6.55	PASS		
Middle CH	6.58	6.43			
Highest CH	6.20	6.78			

LTE Band 5 / 10MHz / QPSK

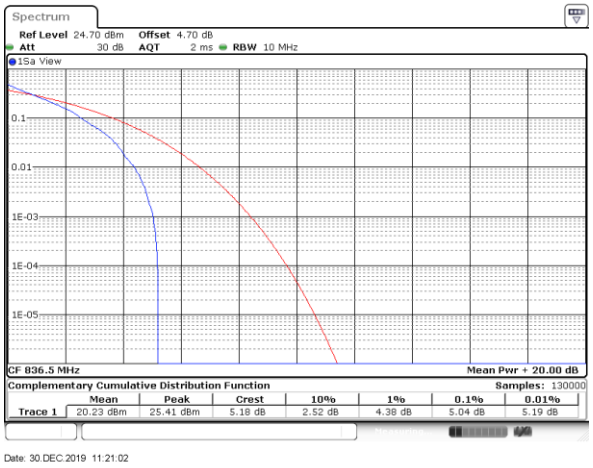
Lowest Channel / 1RB



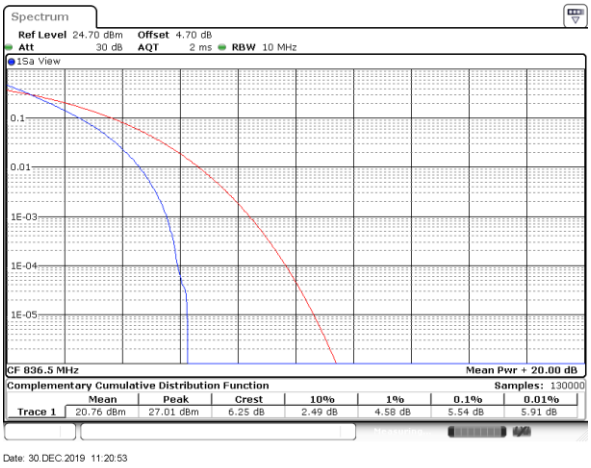
Lowest Channel / Full RB



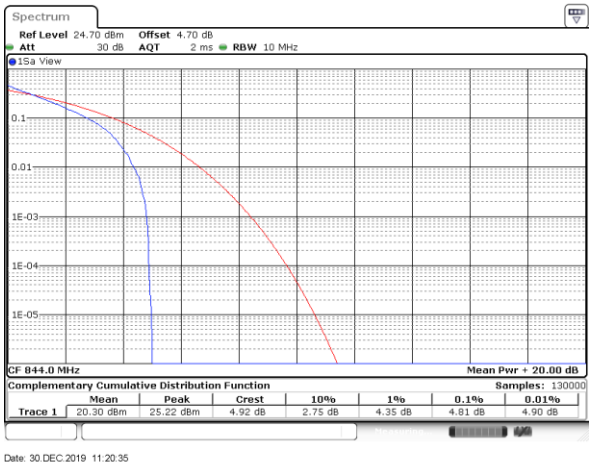
Middle Channel / 1RB



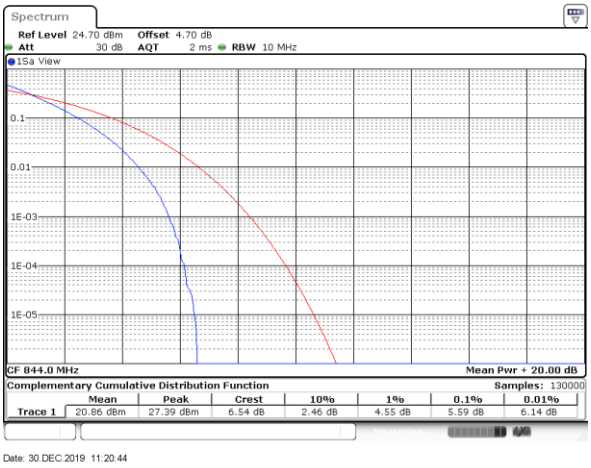
Middle Channel / Full RB



Highest Channel / 1RB

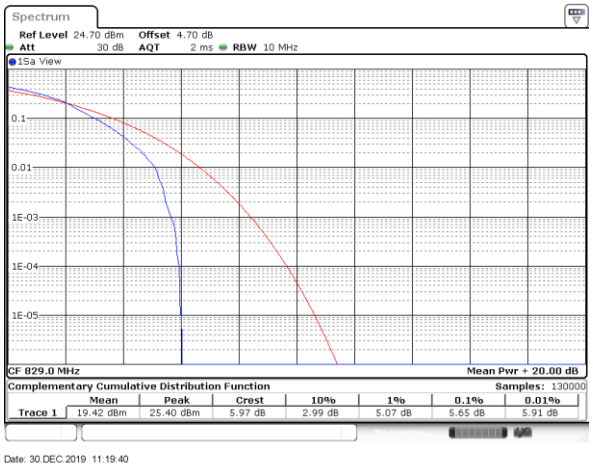


Highest Channel / Full RB

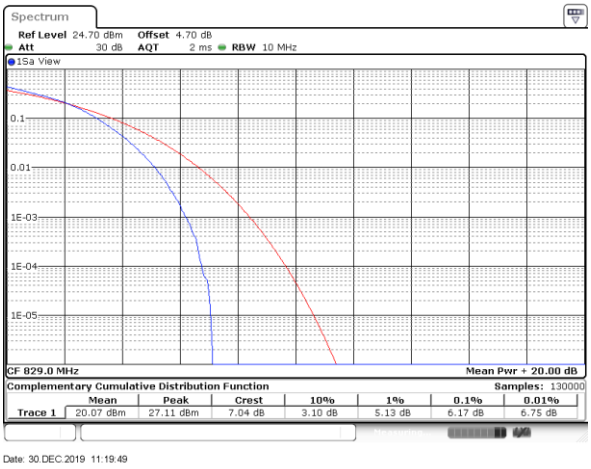


LTE Band 5 / 10MHz / 16QAM

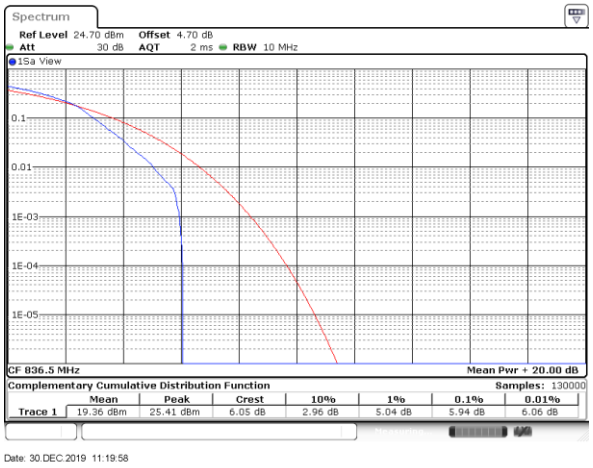
Lowest Channel / 1RB



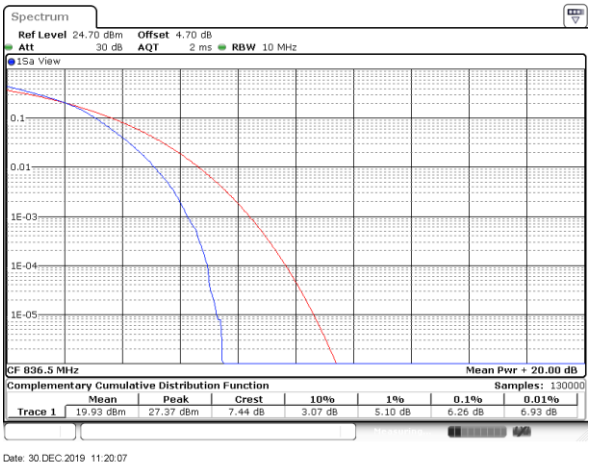
Lowest Channel / Full RB



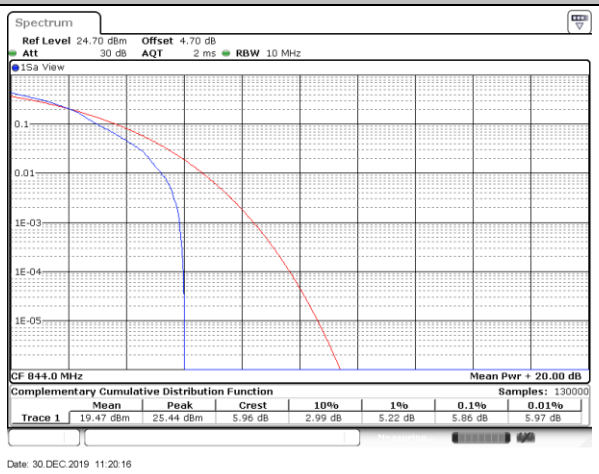
Middle Channel / 1RB



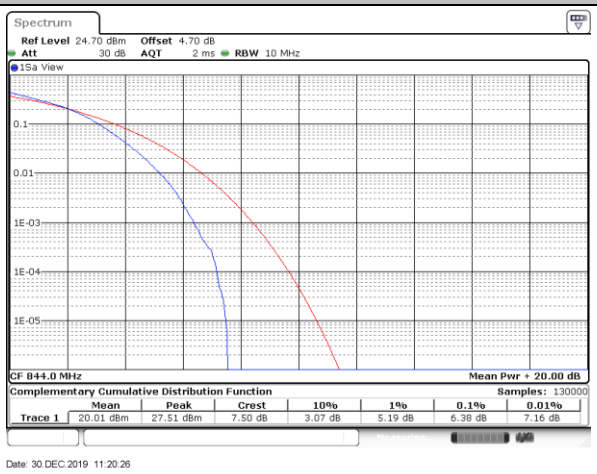
Middle Channel / Full RB



Highest Channel / 1RB

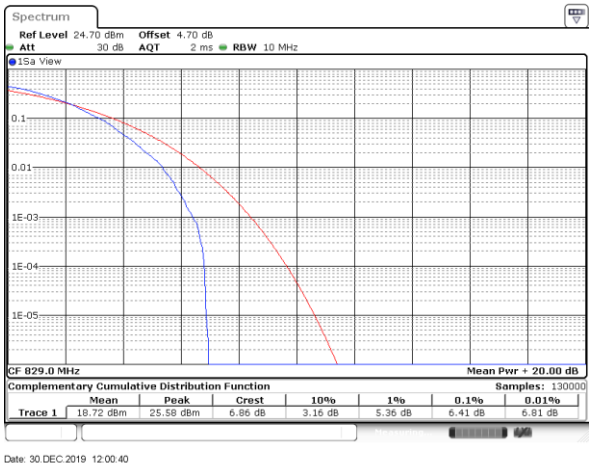


Highest Channel / Full RB

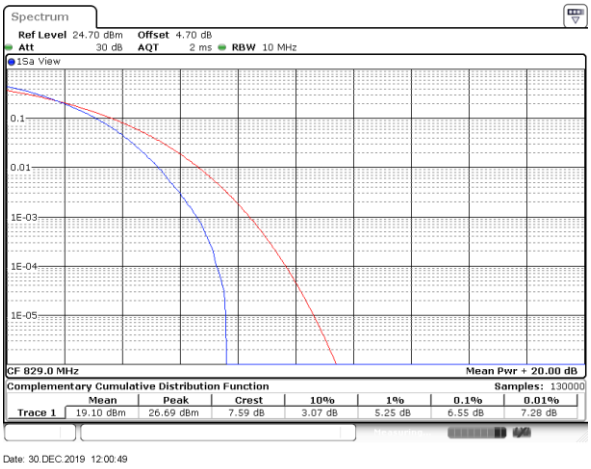


LTE Band 5 / 10MHz / 64QAM

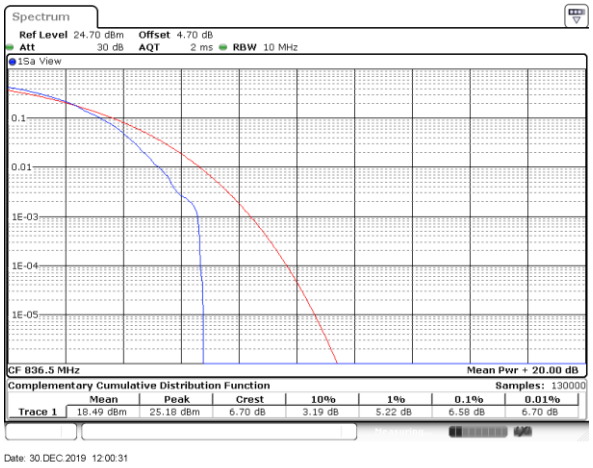
Lowest Channel / 1RB



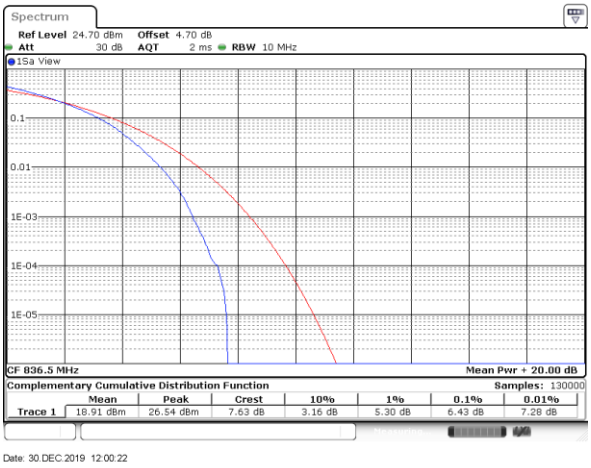
Lowest Channel / Full RB



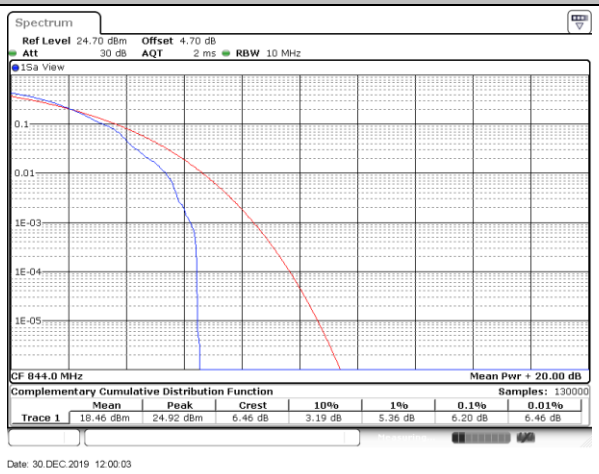
Middle Channel / 1RB



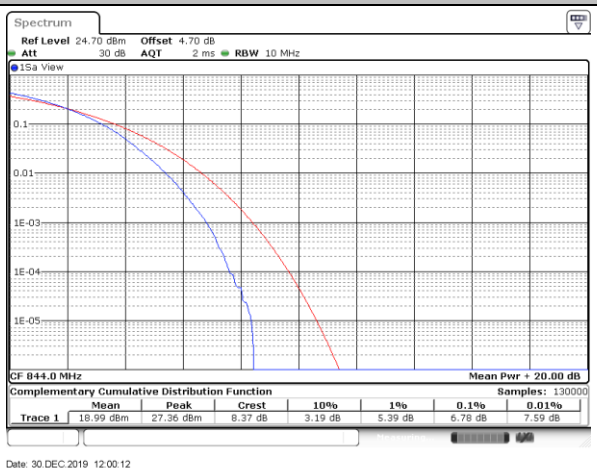
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

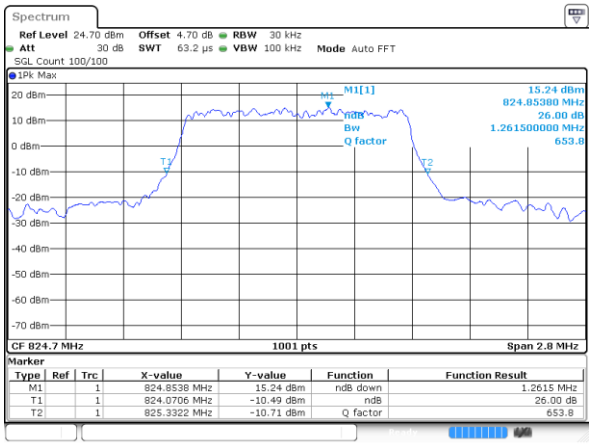


26dB Bandwidth

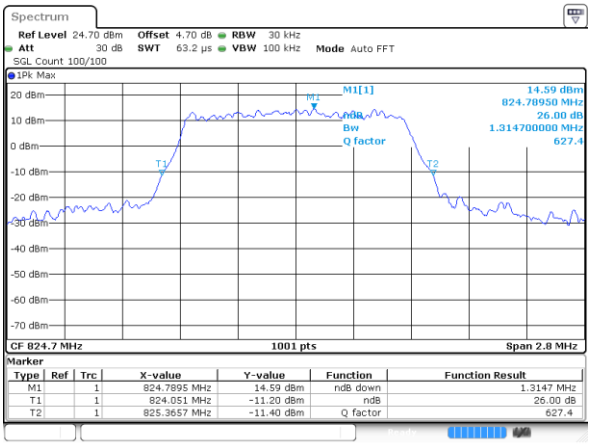
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.2615	1.3147	2.9371	2.979	4.845	4.835	9.85	9.75	-	-	-	-
Middle CH	1.2615	1.2895	2.955	2.961	4.865	4.825	9.65	9.67	-	-	-	-
Highest CH	1.2587	1.2923	2.9491	2.961	4.855	4.825	9.63	9.81	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		-		-	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	-	-	-	-
Lowest CH	1.2755	-	2.955	-	4.935	-	9.89	-	-	-	-	-
Middle CH	1.2727	-	2.9431	-	4.785	-	9.95	-	-	-	-	-
Highest CH	1.2923	-	2.9491	-	4.825	-	9.73	-	-	-	-	-

LTE Band 5

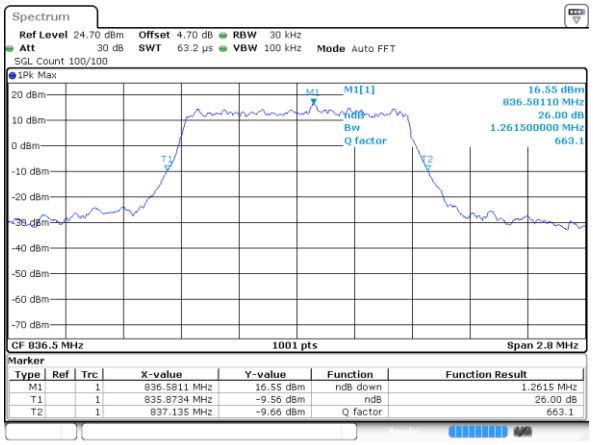
Lowest Channel / 1.4MHz / QPSK



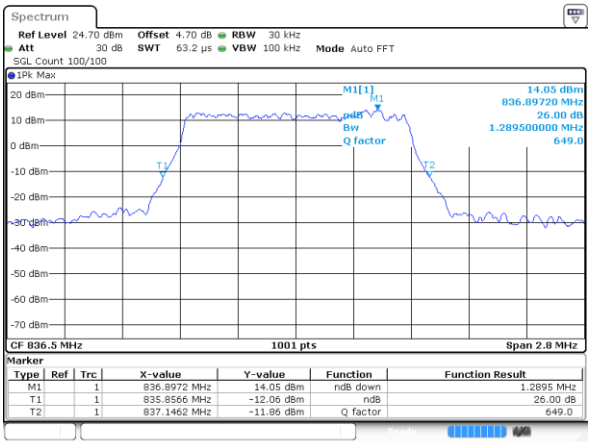
Lowest Channel / 1.4MHz / 16QAM



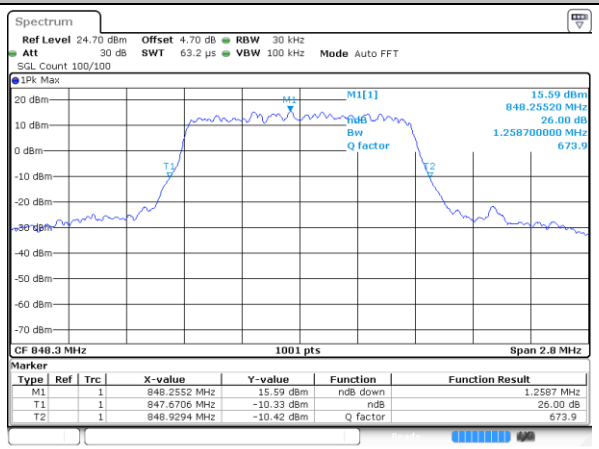
Middle Channel / 1.4MHz / QPSK



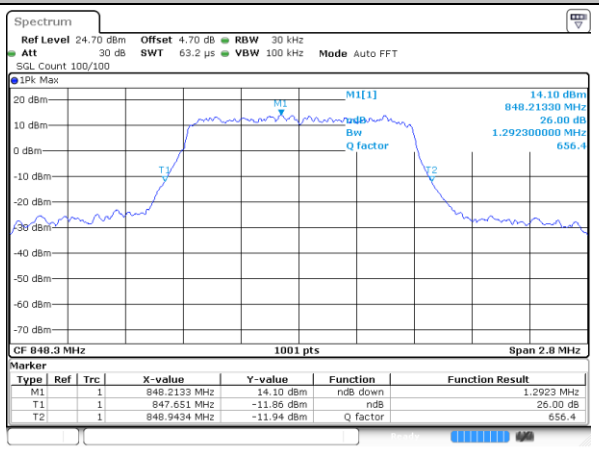
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

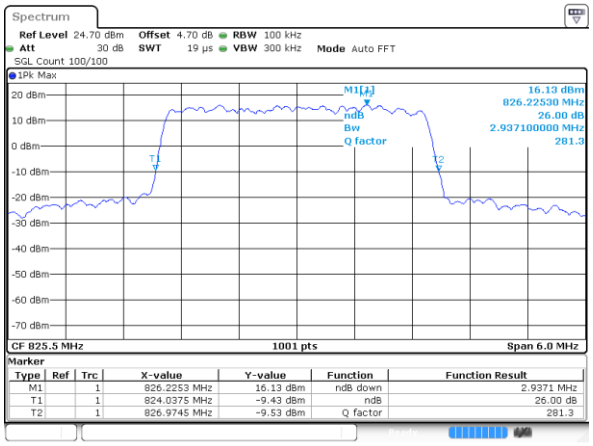


Highest Channel / 1.4MHz / 16QAM

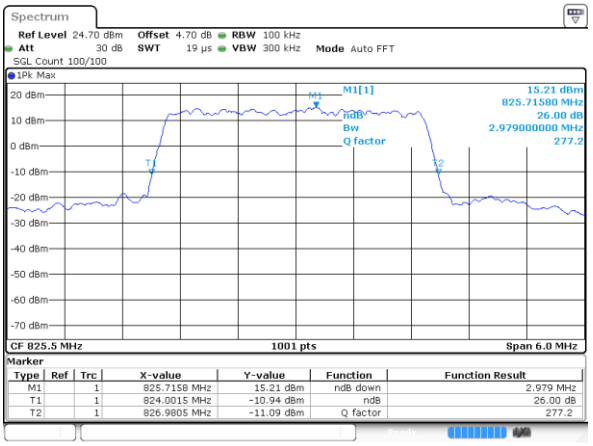


LTE Band 5

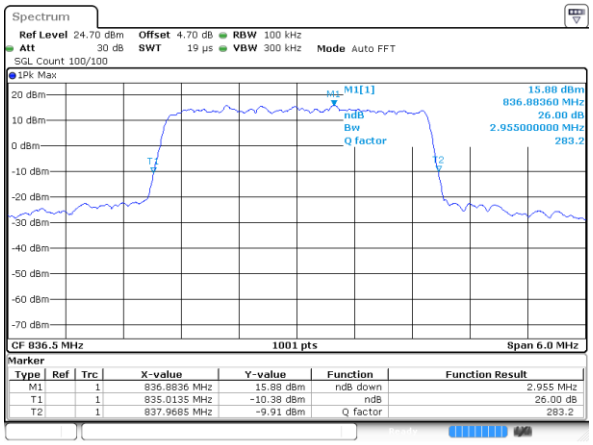
Lowest Channel / 3MHz / QPSK



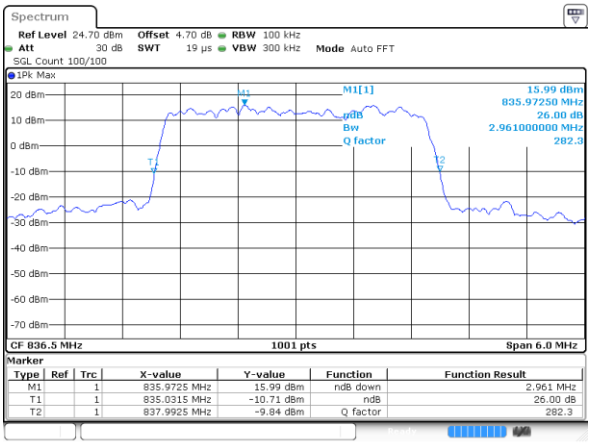
Lowest Channel / 3MHz / 16QAM



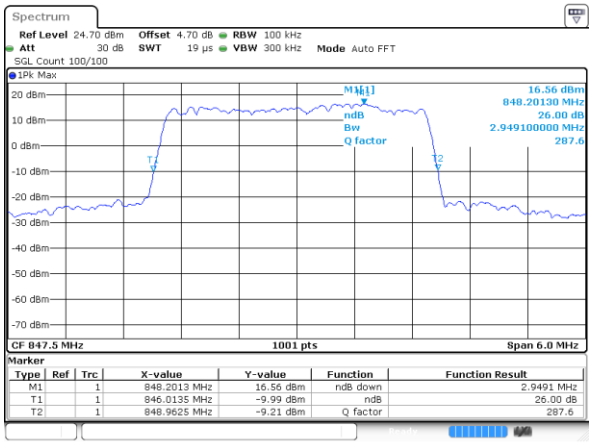
Middle Channel / 3MHz / QPSK



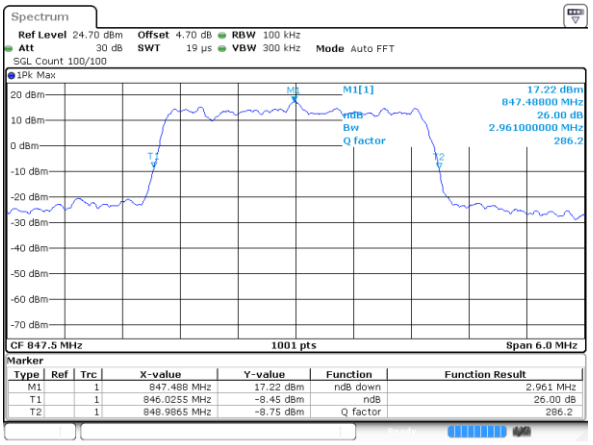
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

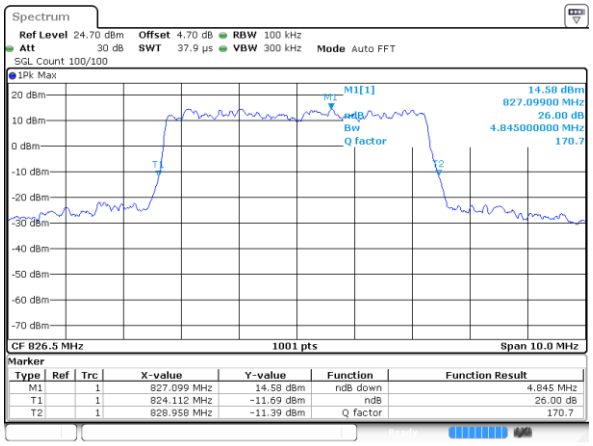


Highest Channel / 3MHz / 16QAM

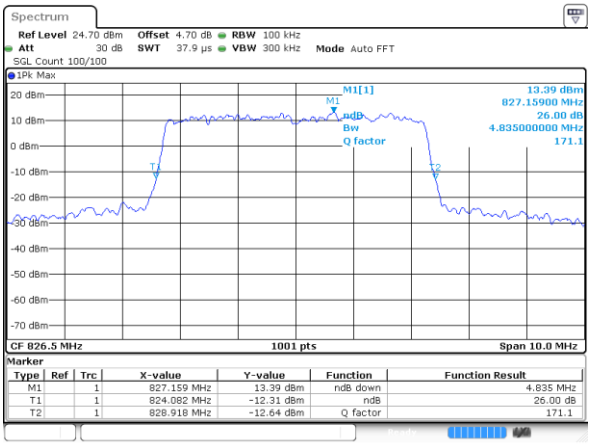


LTE Band 5

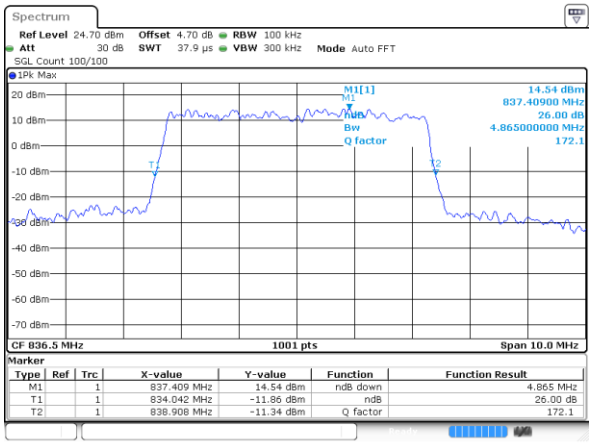
Lowest Channel / 5MHz / QPSK



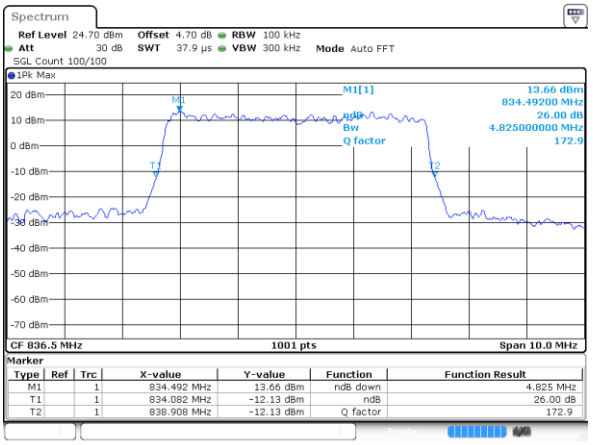
Lowest Channel / 5MHz / 16QAM



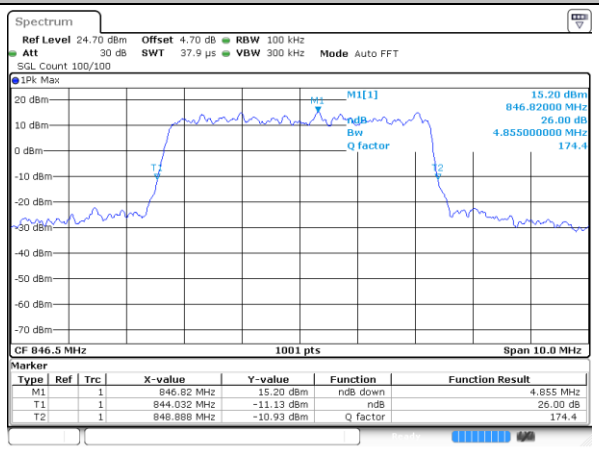
Middle Channel / 5MHz / QPSK



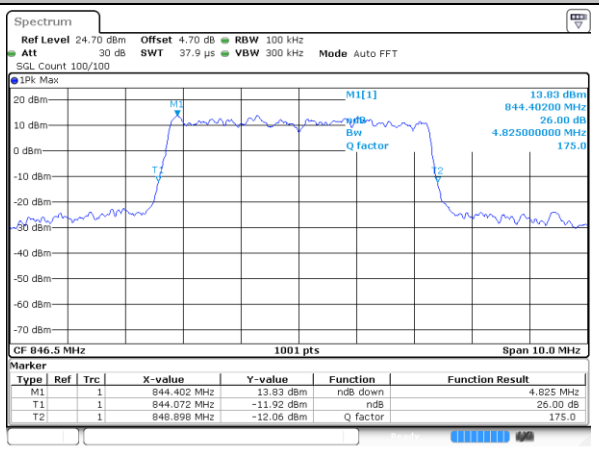
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

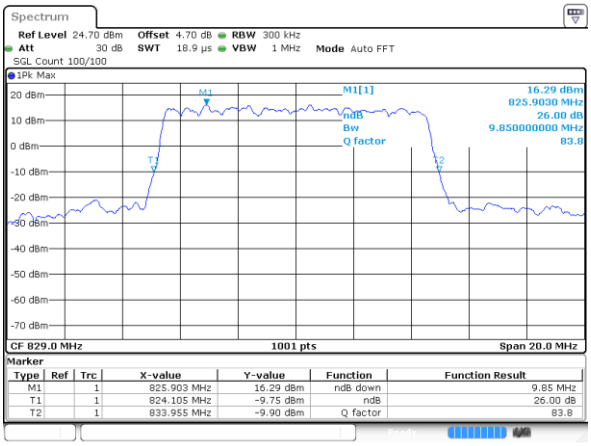


Highest Channel / 5MHz / 16QAM

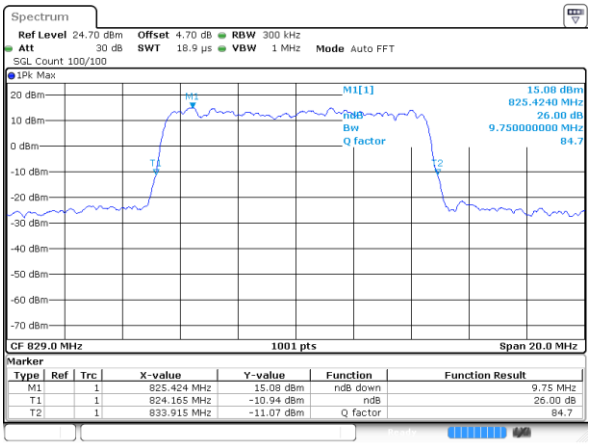


LTE Band 5

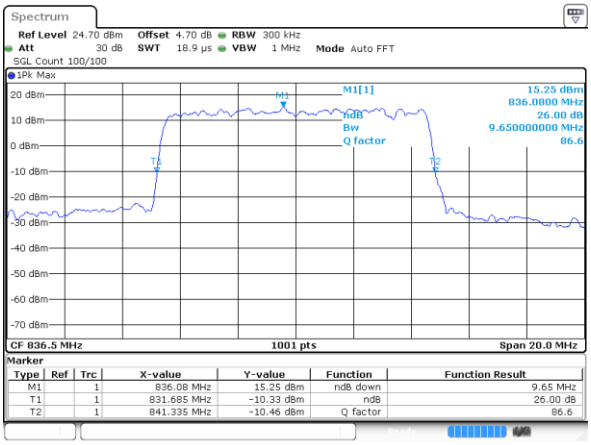
Lowest Channel / 10MHz / QPSK



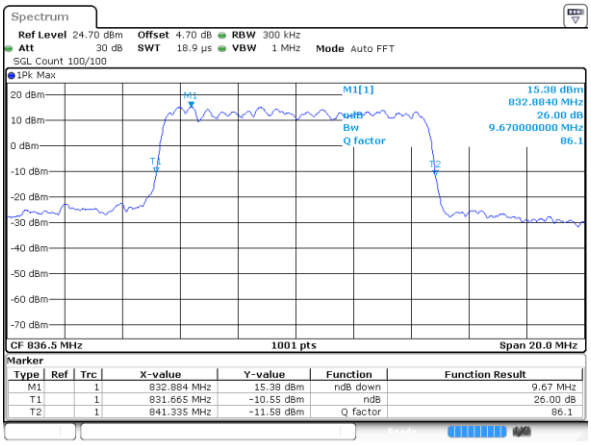
Lowest Channel / 10MHz / 16QAM



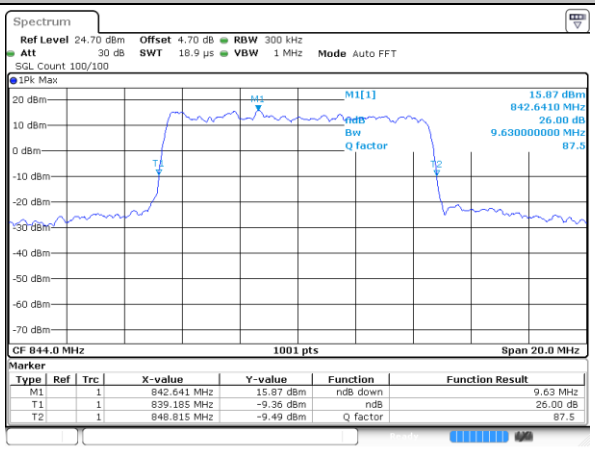
Middle Channel / 10MHz / QPSK



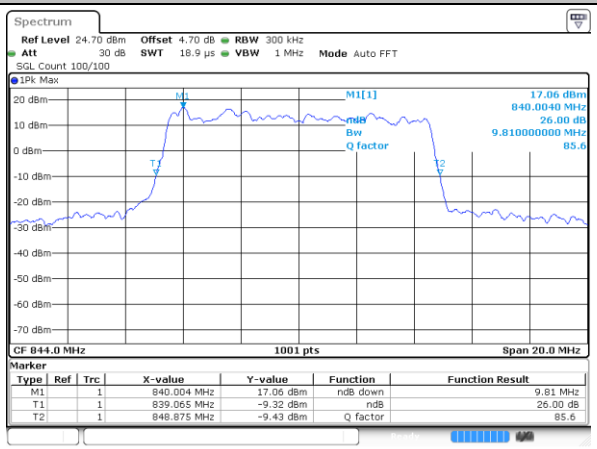
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

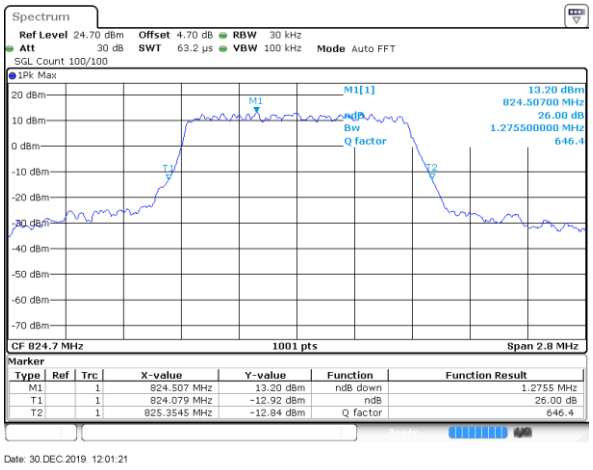


Highest Channel / 10MHz / 16QAM

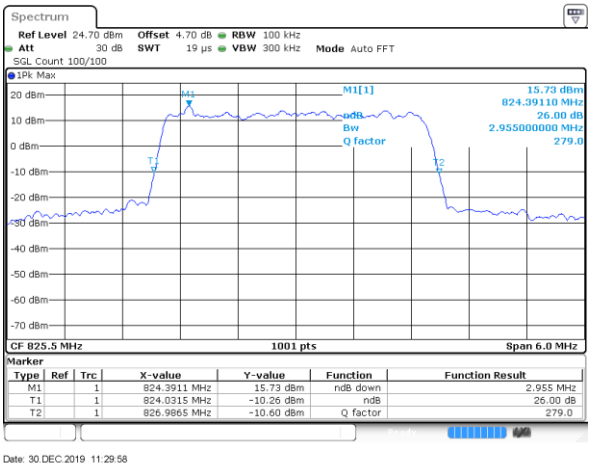


LTE Band 5

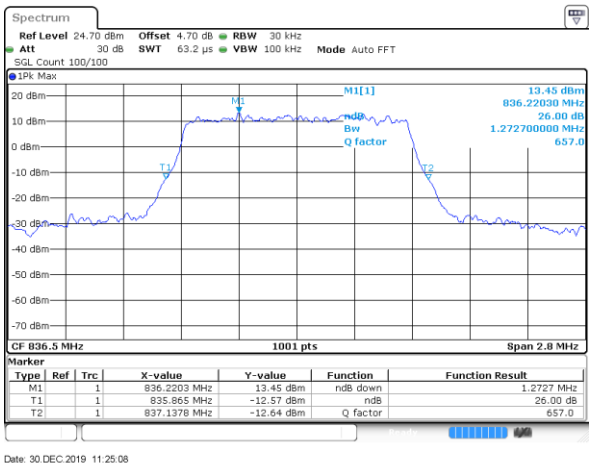
Lowest Channel / 1.4MHz / 64QAM



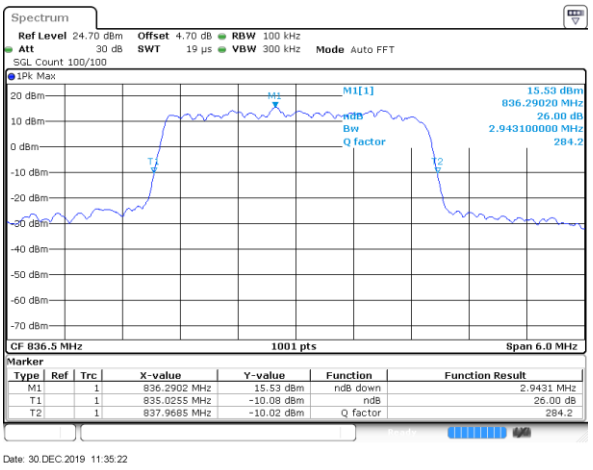
Lowest Channel / 3MHz / 64QAM



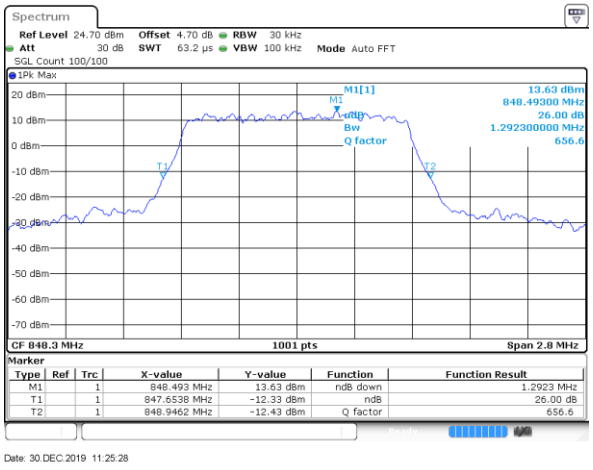
Middle Channel / 1.4MHz / 64QAM



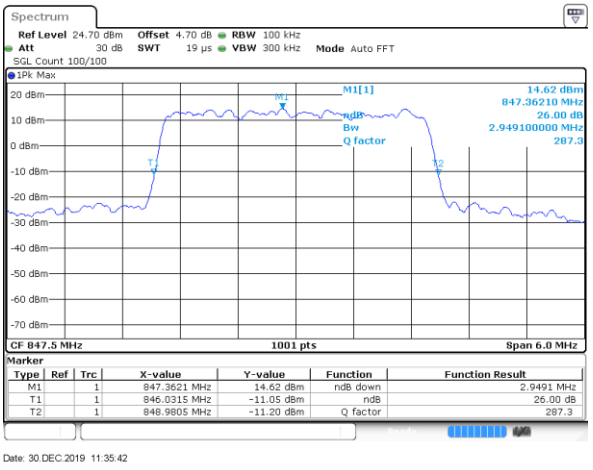
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

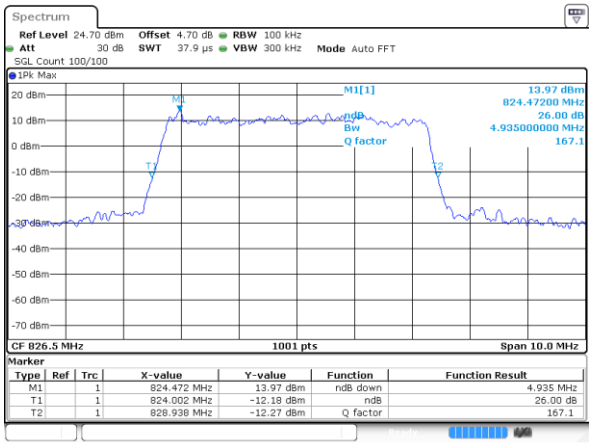


Highest Channel / 3MHz / 64QAM

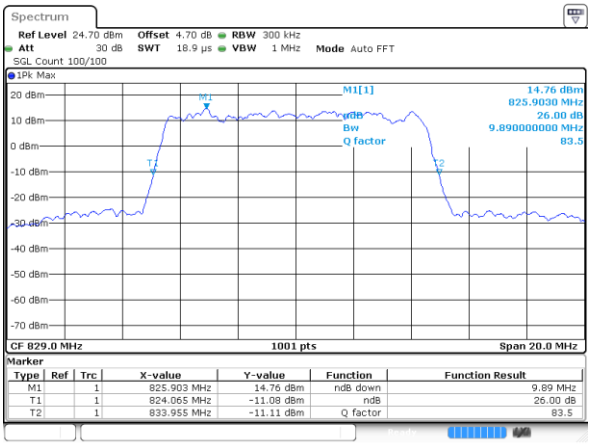


LTE Band 5

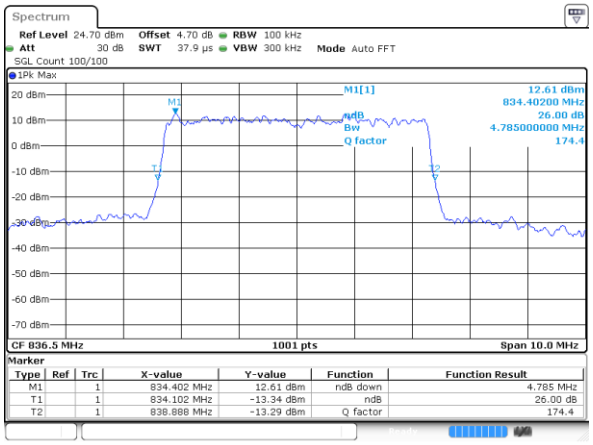
Lowest Channel / 5MHz / 64QAM



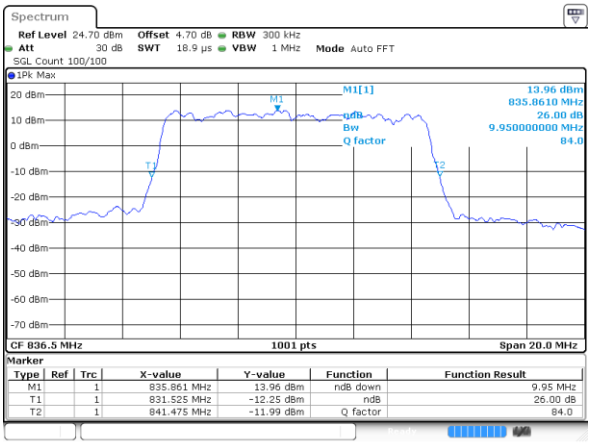
Lowest Channel / 10MHz / 64QAM



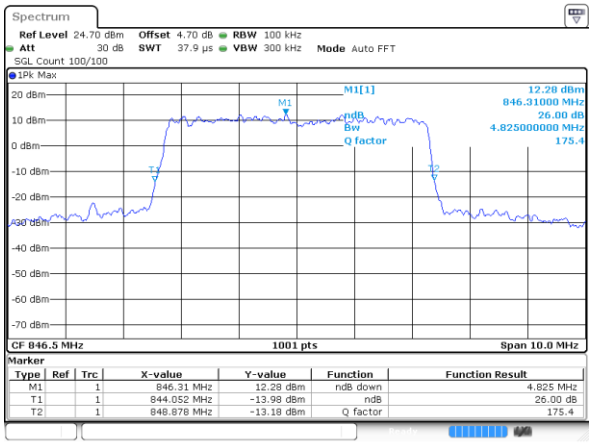
Middle Channel / 5MHz / 64QAM



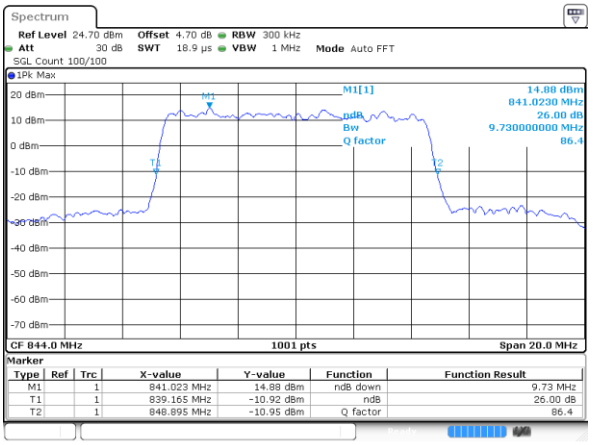
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

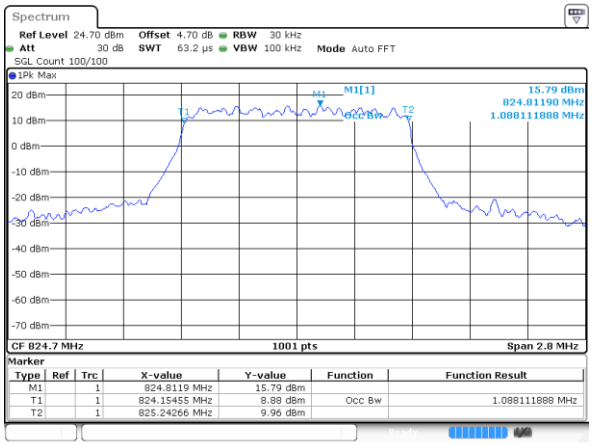


Occupied Bandwidth

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	1.10	2.71	2.69	4.48	4.47	9.03	9.05	-	-	-	-
Middle CH	1.09	1.10	2.71	2.71	4.50	4.51	9.09	9.05	-	-	-	-
Highest CH	1.09	1.09	2.69	2.72	4.50	4.47	9.09	9.03	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		-		-	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	-	-	-	-
Lowest CH	1.09	-	2.73	-	4.49	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.70	-	4.51	-	9.03	-	-	-	-	-
Highest CH	1.09	-	2.73	-	4.48	-	9.07	-	-	-	-	-

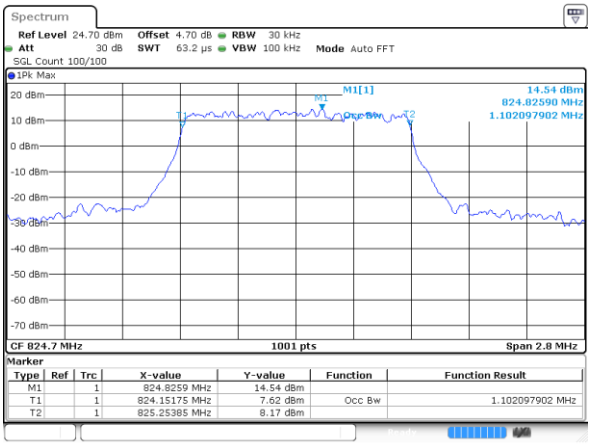
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



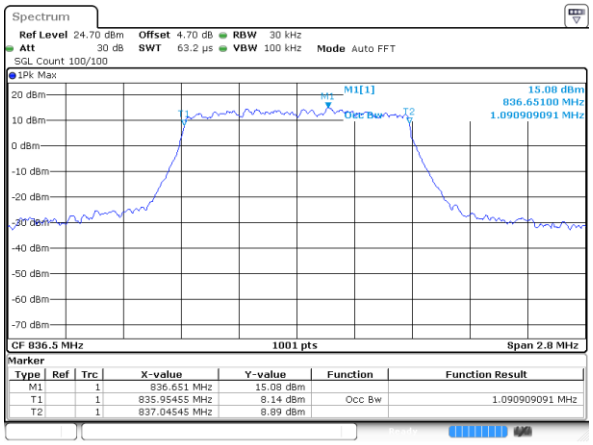
Date: 30.DEC.2019 09:57:41

Lowest Channel / 1.4MHz / 16QAM



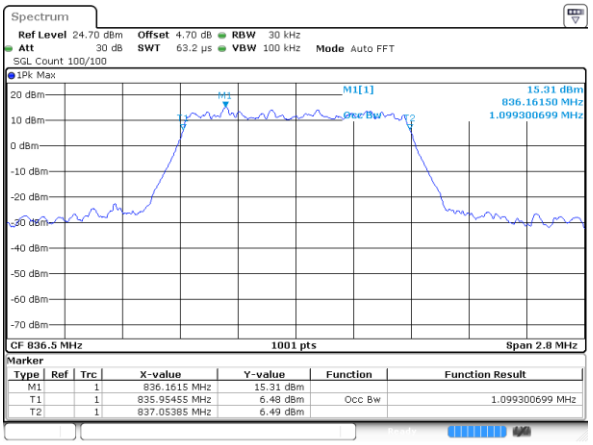
Date: 30.DEC.2019 09:57:51

Middle Channel / 1.4MHz / QPSK



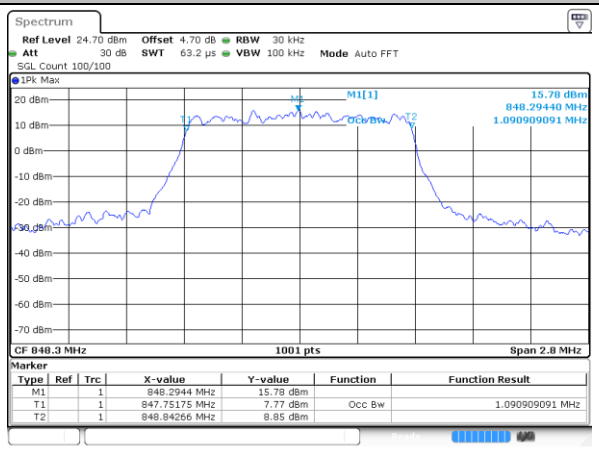
Date: 30.DEC.2019 10:05:49

Middle Channel / 1.4MHz / 16QAM



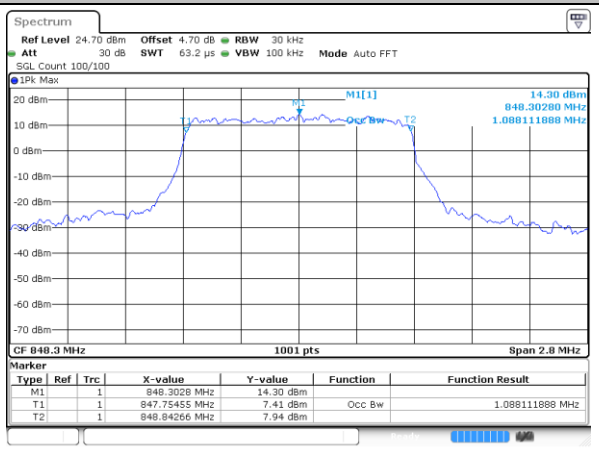
Date: 30.DEC.2019 10:05:59

Highest Channel / 1.4MHz / QPSK



Date: 30.DEC.2019 10:07:22

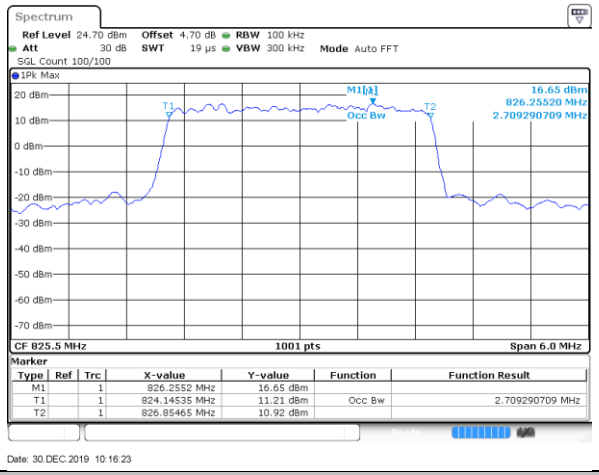
Highest Channel / 1.4MHz / 16QAM



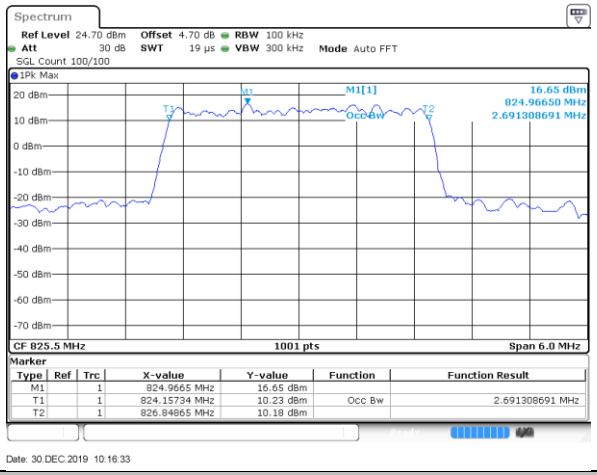
Date: 30.DEC.2019 10:07:32

LTE Band 5

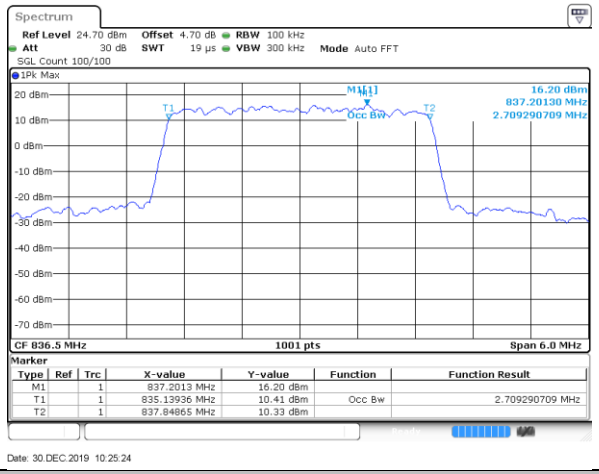
Lowest Channel / 3MHz / QPSK



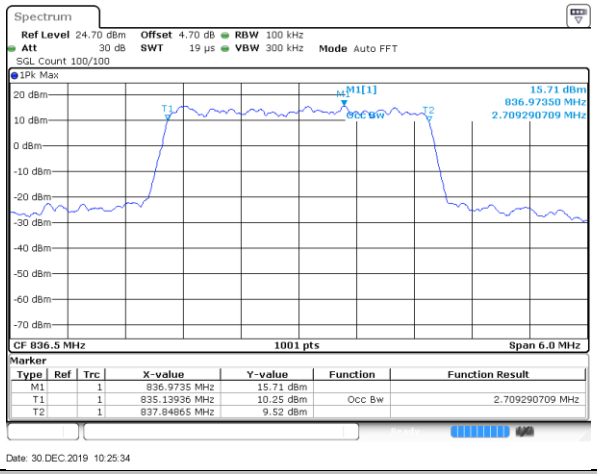
Lowest Channel / 3MHz / 16QAM



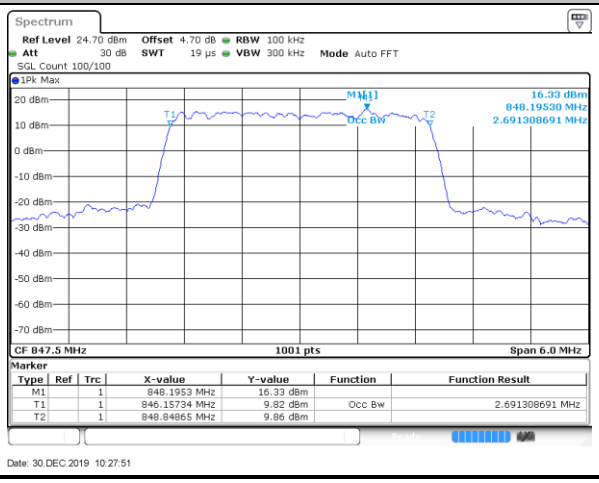
Middle Channel / 3MHz / QPSK



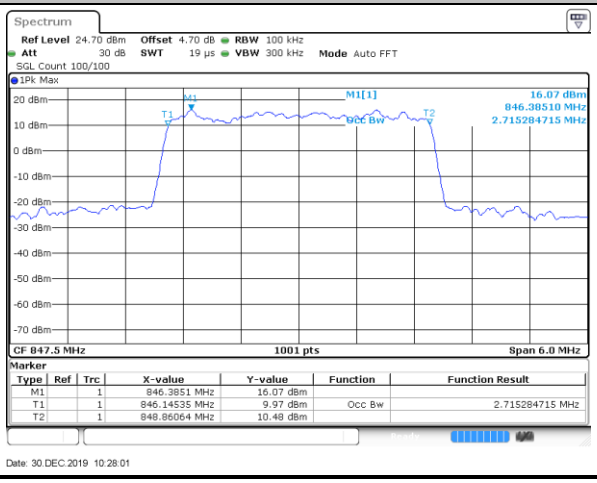
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

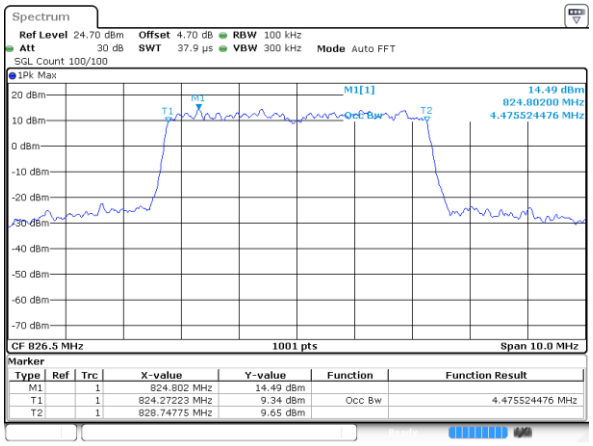


Highest Channel / 3MHz / 16QAM



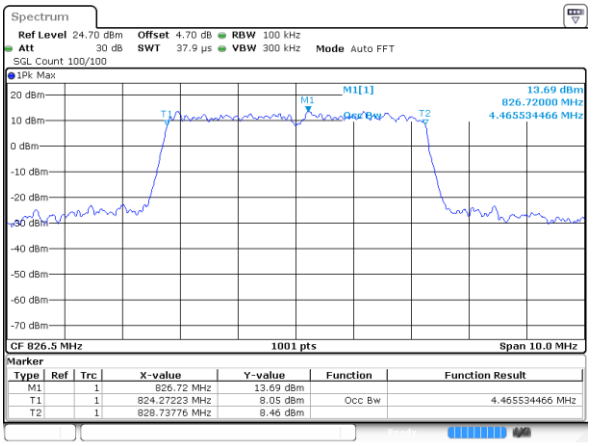
LTE Band 5

Lowest Channel / 5MHz / QPSK



Date: 30.DEC.2019 10:36:52

Lowest Channel / 5MHz / 16QAM



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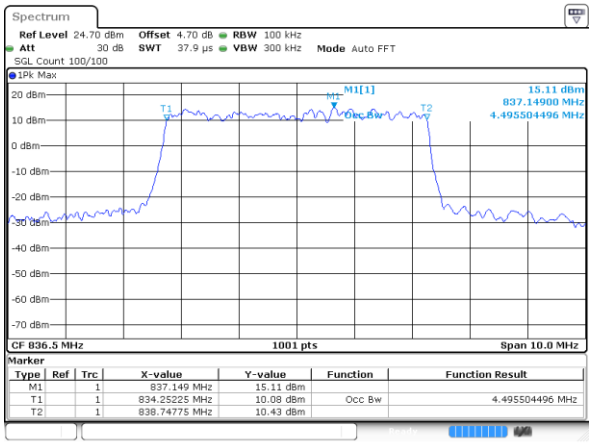
Middle Channel / 5MHz / QPSK



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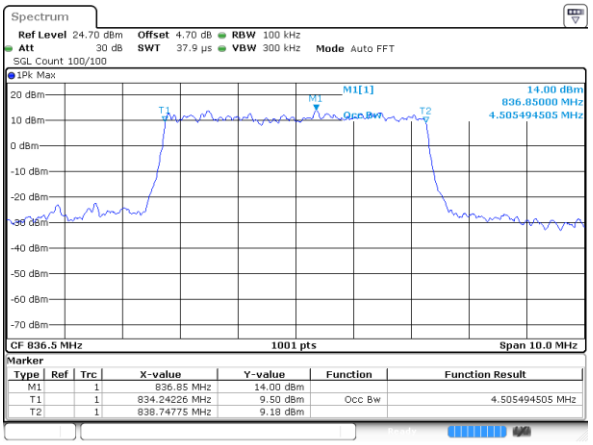
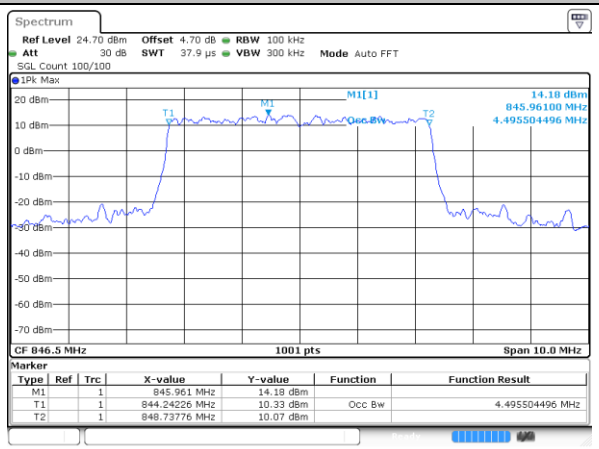
Middle Channel / 5MHz / 16QAM



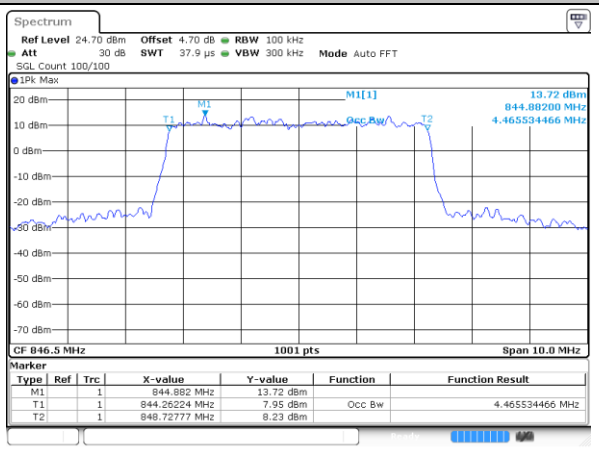
Date: 30.DEC.2019 10:46:03

Highest Channel / 5MHz / QPSK



Date: 30.DEC.2019 10:48:19

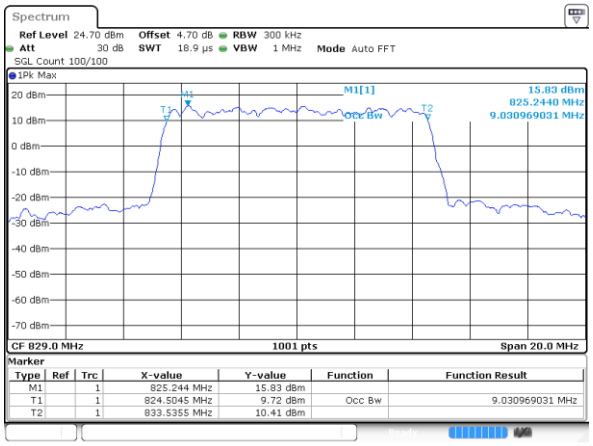
Highest Channel / 5MHz / 16QAM



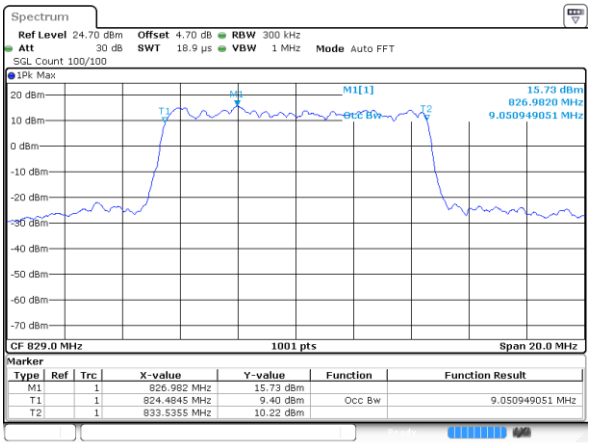
Date: 30.DEC.2019 10:48:29

LTE Band 5

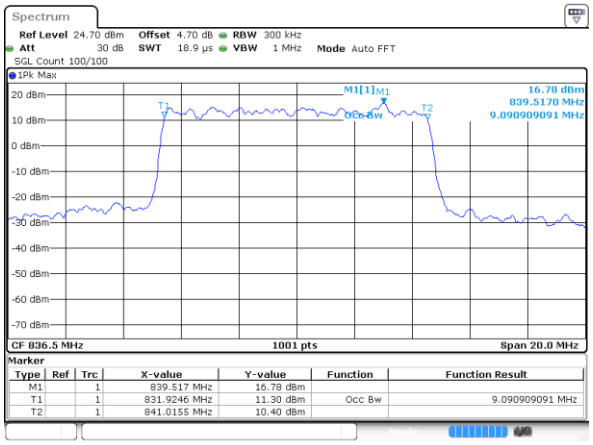
Lowest Channel / 10MHz / QPSK



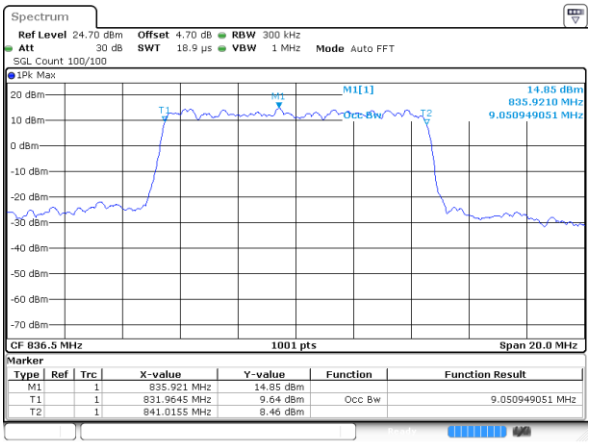
Lowest Channel / 10MHz / 16QAM



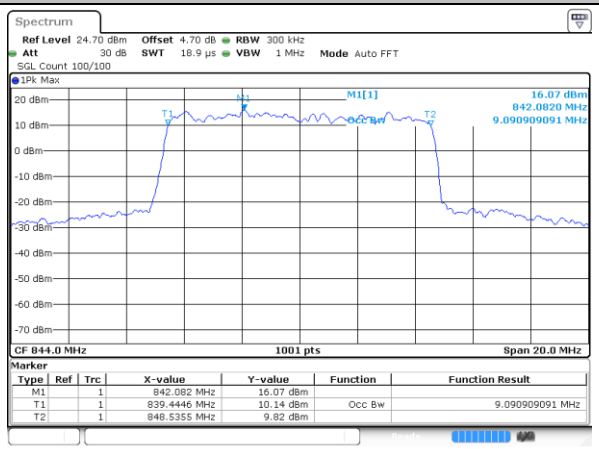
Middle Channel / 10MHz / QPSK



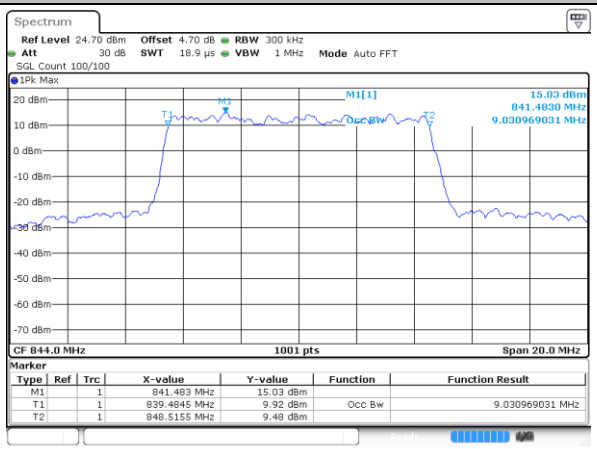
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

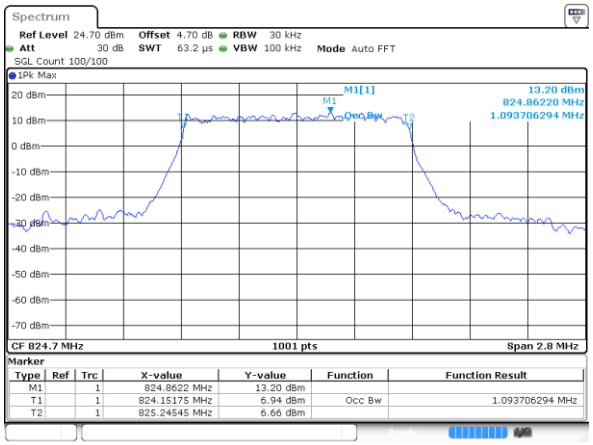


Highest Channel / 10MHz / 16QAM

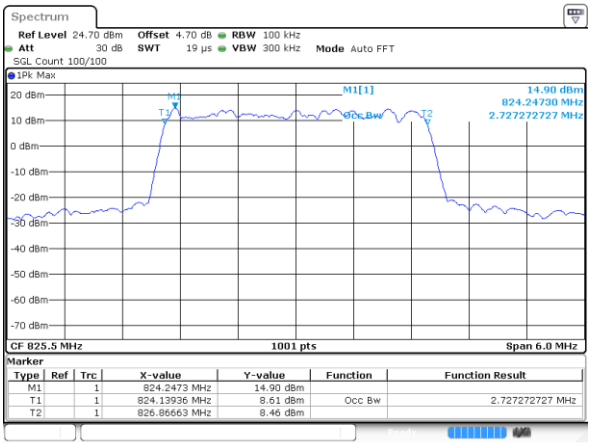


LTE Band 5

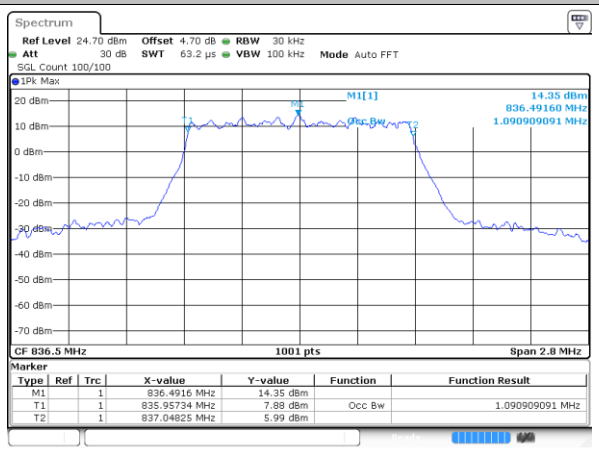
Lowest Channel / 1.4MHz / 64QAM



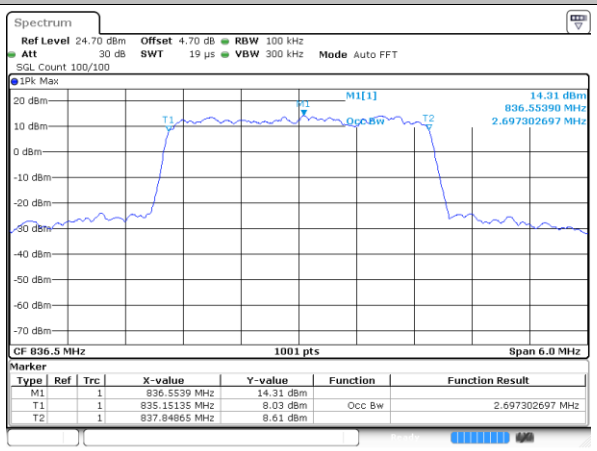
Lowest Channel / 3MHz / 64QAM



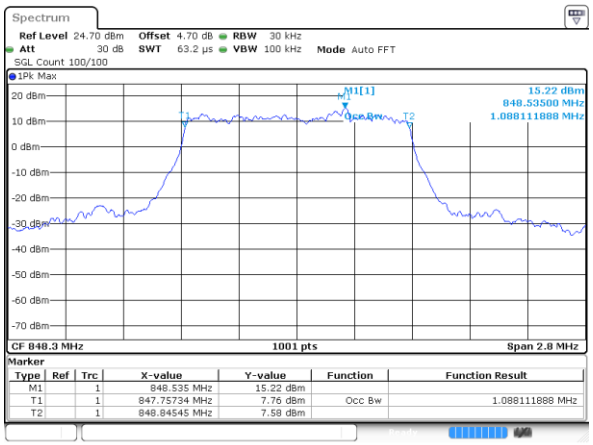
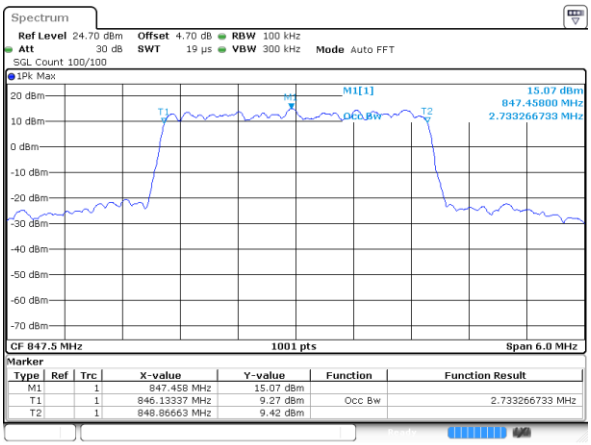
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM