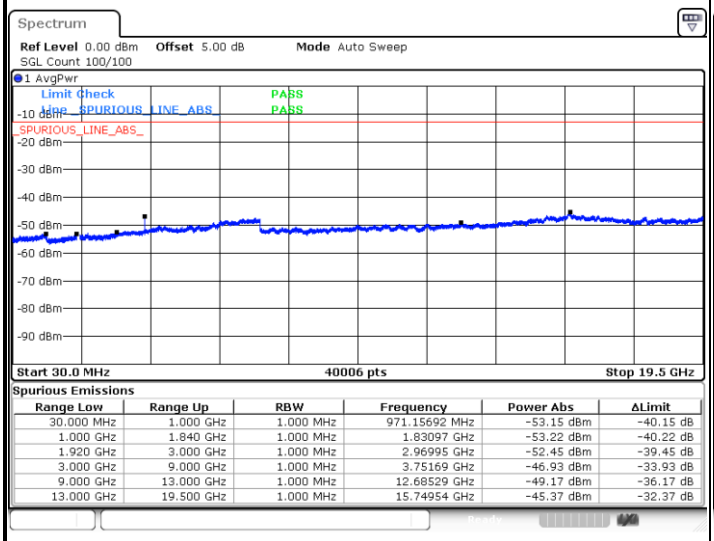
LTE Band 2 / 10MHz

Middle Channel / QPSK

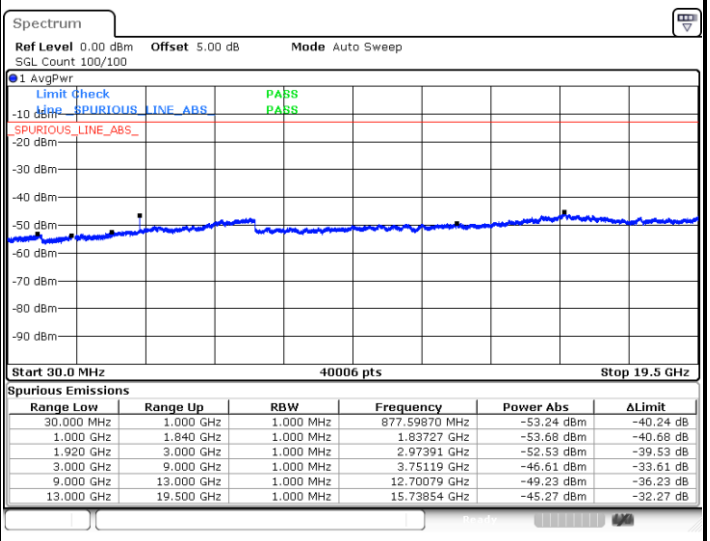


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-53.15 dBm	-40.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-53.22 dBm	-40.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96995 GHz	-52.45 dBm	-39.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75169 GHz	-46.93 dBm	-33.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68529 GHz	-49.17 dBm	-36.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74954 GHz	-45.37 dBm	-32.37 dB

Date: 31.MAY.2020 17:22:33

Middle Channel / 16QAM

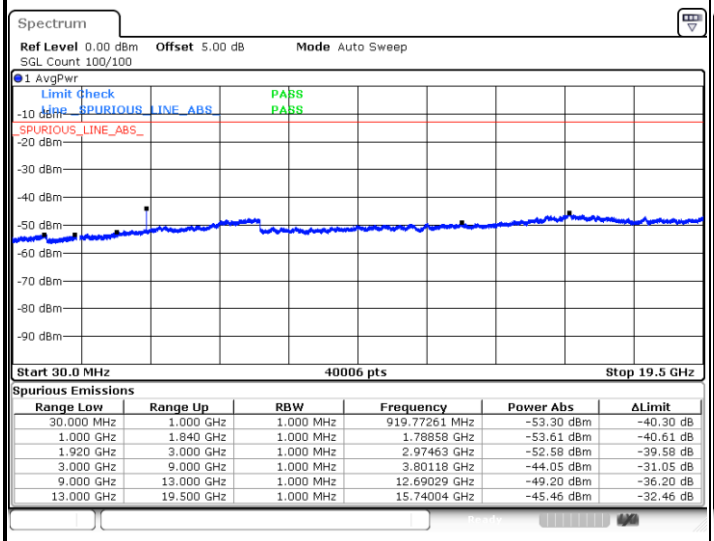


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-53.24 dBm	-40.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-53.68 dBm	-40.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97391 GHz	-52.53 dBm	-39.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75119 GHz	-46.61 dBm	-33.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-49.23 dBm	-36.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73854 GHz	-45.27 dBm	-32.27 dB

Date: 31.MAY.2020 17:23:29

Highest Channel / QPSK

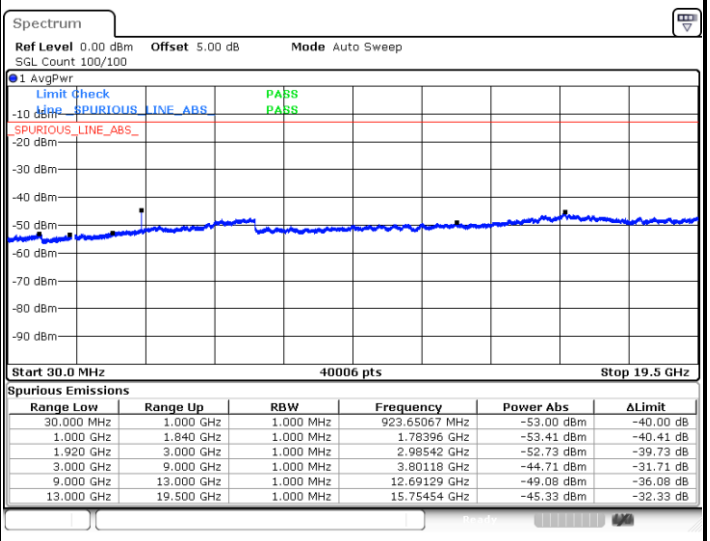


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-53.30 dBm	-40.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78858 GHz	-53.61 dBm	-40.61 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97463 GHz	-52.58 dBm	-39.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-44.05 dBm	-31.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69029 GHz	-49.20 dBm	-36.20 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74004 GHz	-45.46 dBm	-32.46 dB

Date: 31.MAY.2020 17:29:39

Highest Channel / 16QAM



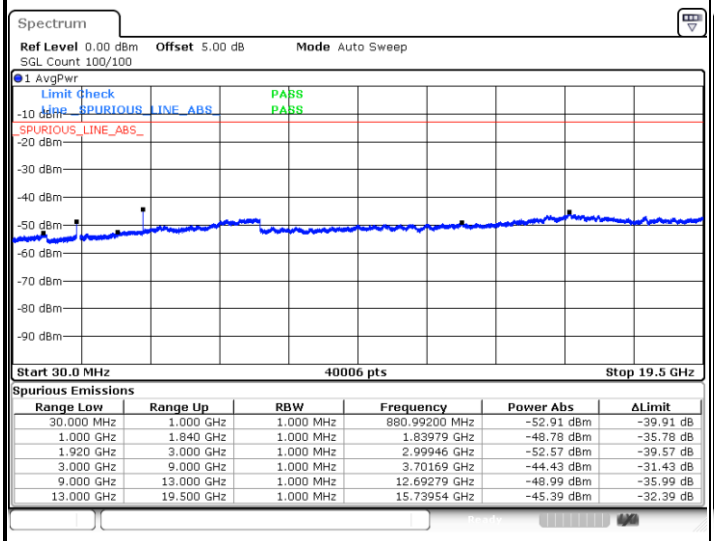
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-53.00 dBm	-40.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78396 GHz	-53.41 dBm	-40.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98542 GHz	-52.73 dBm	-39.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80118 GHz	-44.71 dBm	-31.71 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	15.75454 GHz	-45.33 dBm	-32.33 dB

Date: 31.MAY.2020 17:55:29

LTE Band 2 / 15MHz

Lowest Channel / QPSK

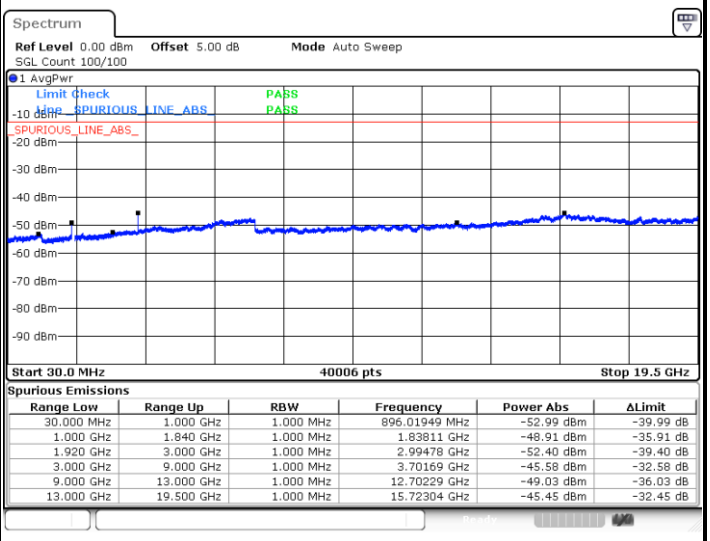


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-52.91 dBm	-39.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-48.78 dBm	-35.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-52.57 dBm	-39.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-44.43 dBm	-31.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-48.99 dBm	-35.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73954 GHz	-45.39 dBm	-32.39 dB

Date: 31.MAY.2020 17:57:14

Lowest Channel / 16QAM

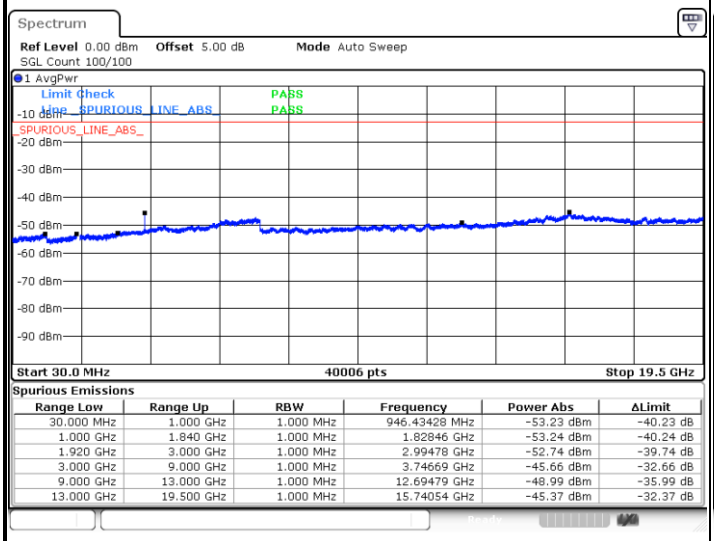


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-52.99 dBm	-39.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99478 GHz	-52.40 dBm	-39.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.58 dBm	-32.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-49.03 dBm	-36.03 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72304 GHz	-45.45 dBm	-32.45 dB

Date: 31.MAY.2020 17:58:11

Middle Channel / QPSK

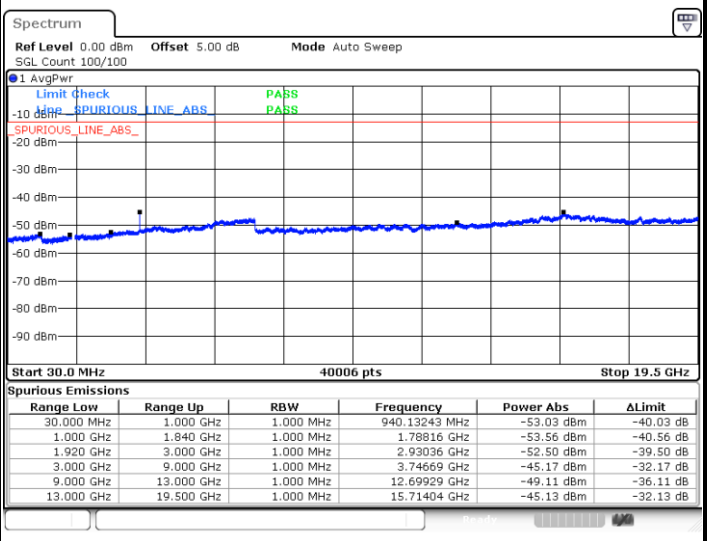


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.23 dBm	-40.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82846 GHz	-53.24 dBm	-40.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99478 GHz	-52.74 dBm	-39.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-45.66 dBm	-32.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-48.99 dBm	-35.99 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74054 GHz	-45.37 dBm	-32.37 dB

Date: 31.MAY.2020 17:59:49

Middle Channel / 16QAM



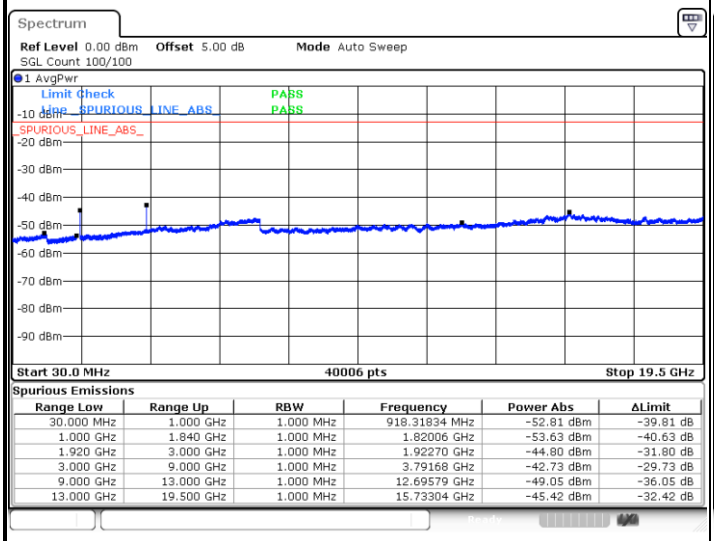
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-53.03 dBm	-40.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78816 GHz	-53.56 dBm	-40.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93036 GHz	-52.50 dBm	-39.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-45.17 dBm	-32.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-49.11 dBm	-36.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71404 GHz	-45.13 dBm	-32.13 dB

Date: 31.MAY.2020 18:00:46

LTE Band 2 / 15MHz

Highest Channel / QPSK

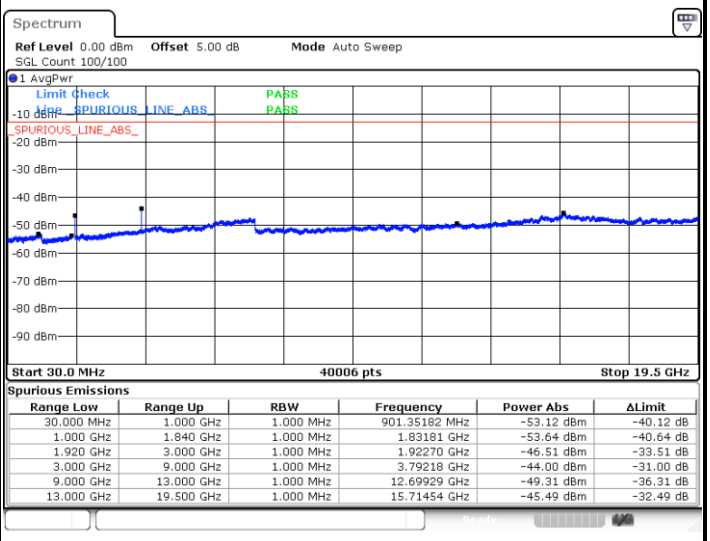


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-52.81 dBm	-39.81 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82006 GHz	-53.63 dBm	-40.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-44.80 dBm	-31.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-42.73 dBm	-29.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69579 GHz	-49.05 dBm	-36.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73304 GHz	-45.42 dBm	-32.42 dB

Date: 31.MAY.2020 18:06:57

Highest Channel / 16QAM



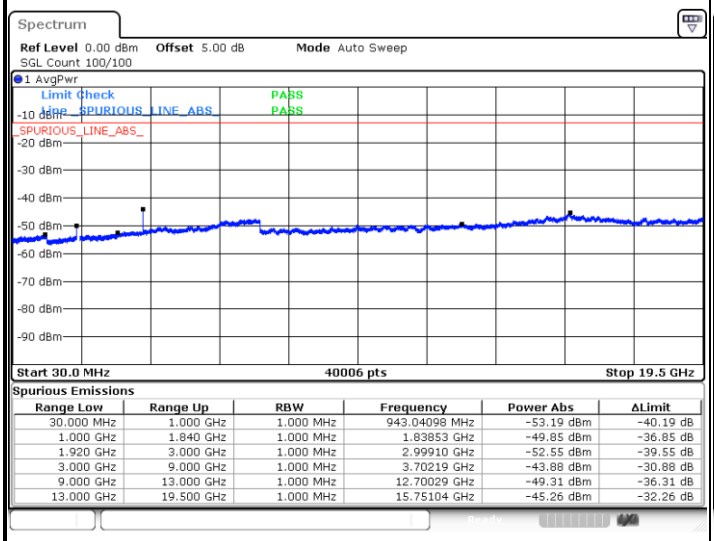
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-53.12 dBm	-40.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83181 GHz	-53.64 dBm	-40.64 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79218 GHz	-44.00 dBm	-31.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-49.31 dBm	-36.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71454 GHz	-45.49 dBm	-32.49 dB

Date: 31.MAY.2020 18:07:54

LTE Band 2 / 20MHz

Lowest Channel / QPSK

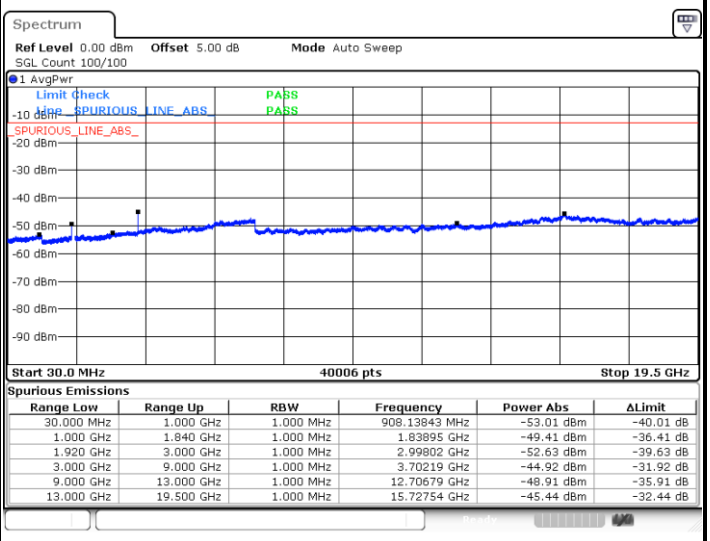


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-53.19 dBm	-40.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83853 GHz	-49.85 dBm	-36.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99910 GHz	-52.55 dBm	-39.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-43.88 dBm	-30.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-49.31 dBm	-36.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75104 GHz	-45.26 dBm	-32.26 dB

Date: 31.MAY.2020 18:14:04

Lowest Channel / 16QAM



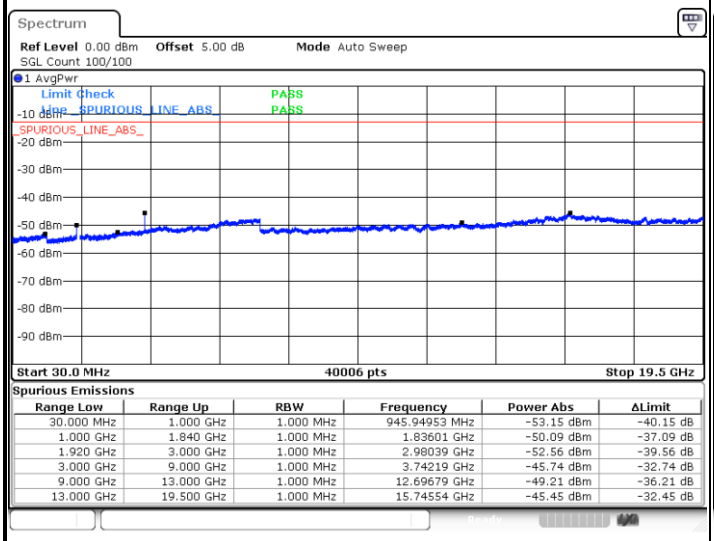
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-53.01 dBm	-40.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-49.41 dBm	-36.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-52.63 dBm	-39.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.92 dBm	-31.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70679 GHz	-48.91 dBm	-35.91 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72754 GHz	-45.44 dBm	-32.44 dB

Date: 31.MAY.2020 18:15:00

LTE Band 2 / 20MHz

Middle Channel / QPSK

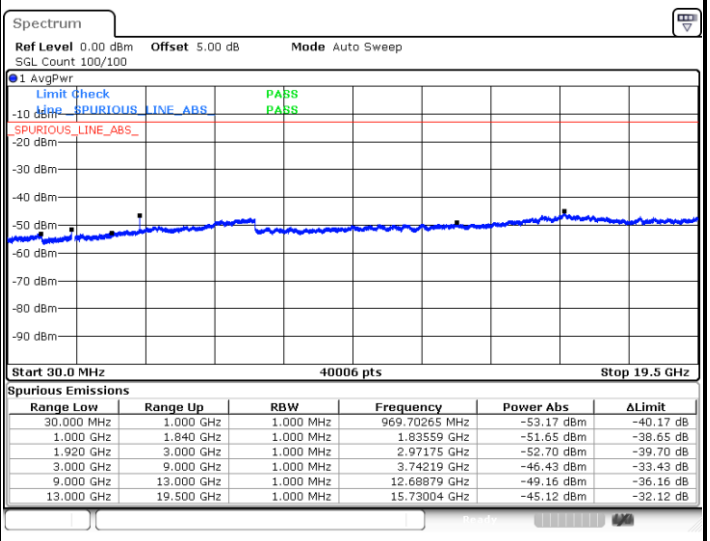


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-53.15 dBm	-40.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-50.09 dBm	-37.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98039 GHz	-52.56 dBm	-39.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-45.74 dBm	-32.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-49.21 dBm	-36.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74554 GHz	-45.45 dBm	-32.45 dB

Date: 31.MAY.2020 18:16:37

Middle Channel / 16QAM

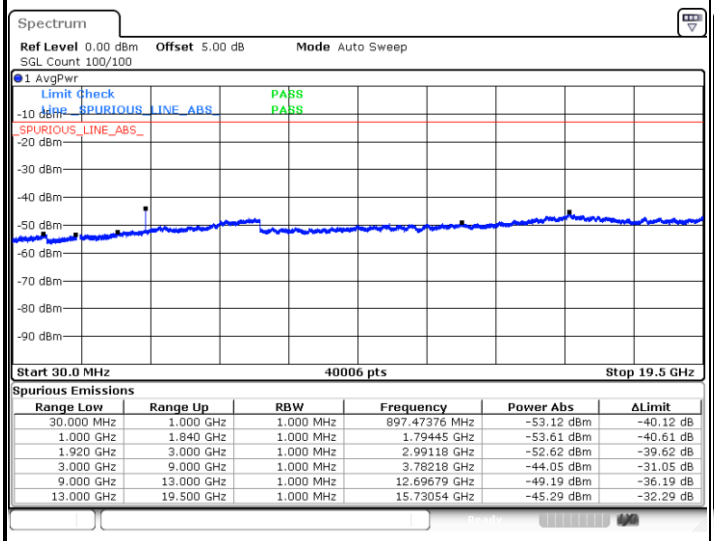


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-53.17 dBm	-40.17 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-51.65 dBm	-38.65 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97175 GHz	-52.70 dBm	-39.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-46.43 dBm	-33.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68879 GHz	-49.16 dBm	-36.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73004 GHz	-45.12 dBm	-32.12 dB

Date: 31.MAY.2020 18:17:34

Highest Channel / QPSK

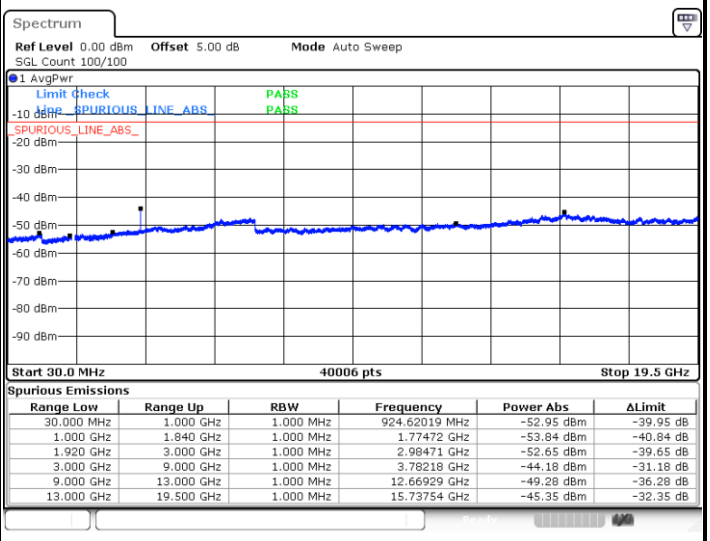


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-53.12 dBm	-40.12 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79445 GHz	-53.61 dBm	-40.61 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99118 GHz	-52.62 dBm	-39.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-44.05 dBm	-31.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-49.19 dBm	-36.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73054 GHz	-45.29 dBm	-32.29 dB

Date: 31.MAY.2020 18:23:43

Highest Channel / 16QAM



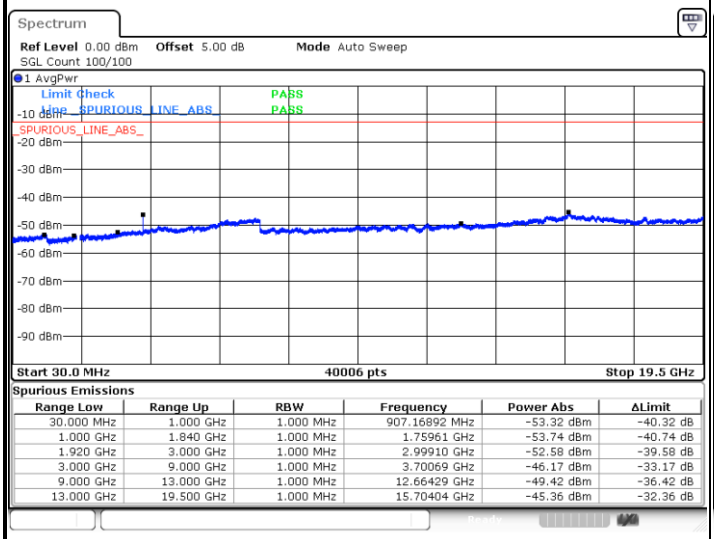
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-52.95 dBm	-39.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77472 GHz	-53.84 dBm	-40.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98471 GHz	-52.65 dBm	-39.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-44.18 dBm	-31.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66929 GHz	-49.28 dBm	-36.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73754 GHz	-45.35 dBm	-32.35 dB

Date: 31.MAY.2020 18:24:39

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

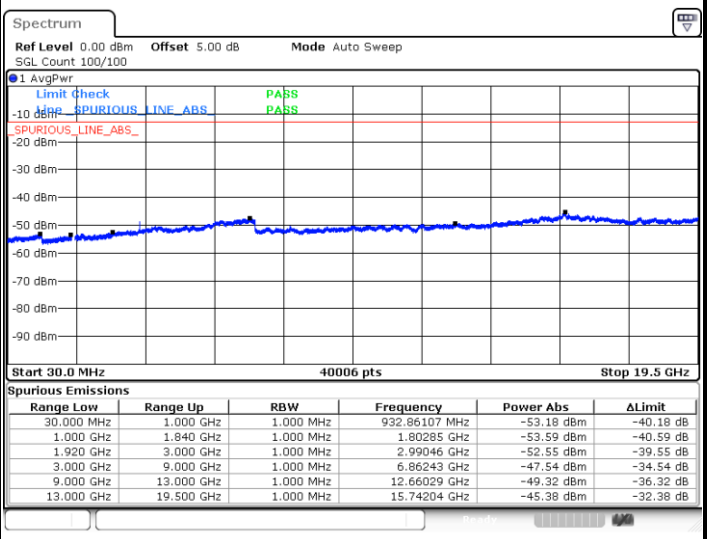


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-53.32 dBm	-40.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75961 GHz	-53.74 dBm	-40.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99910 GHz	-52.58 dBm	-39.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.17 dBm	-33.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66429 GHz	-49.42 dBm	-36.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.70404 GHz	-45.36 dBm	-32.36 dB

Date: 31.MAY.2020 18:58:55

Middle Channel / 64QAM

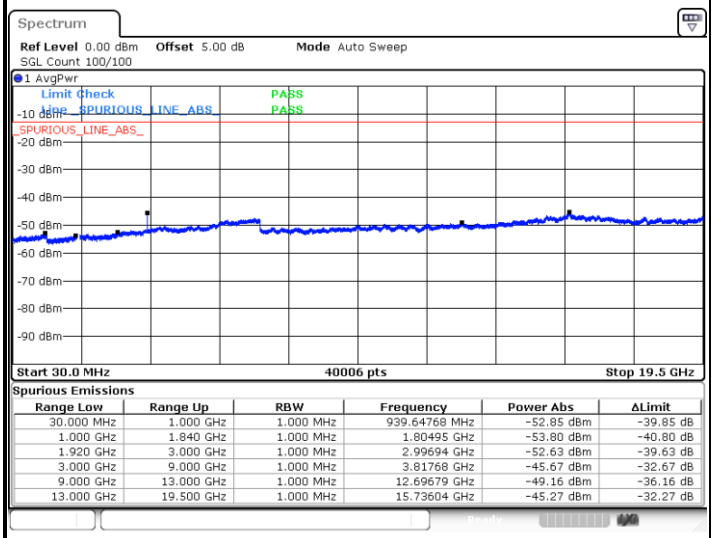


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-53.18 dBm	-40.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80285 GHz	-53.59 dBm	-40.59 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99046 GHz	-52.55 dBm	-39.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86243 GHz	-47.54 dBm	-34.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66029 GHz	-49.32 dBm	-36.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74204 GHz	-45.38 dBm	-32.38 dB

Date: 31.MAY.2020 18:59:52

Highest Channel / 64QAM



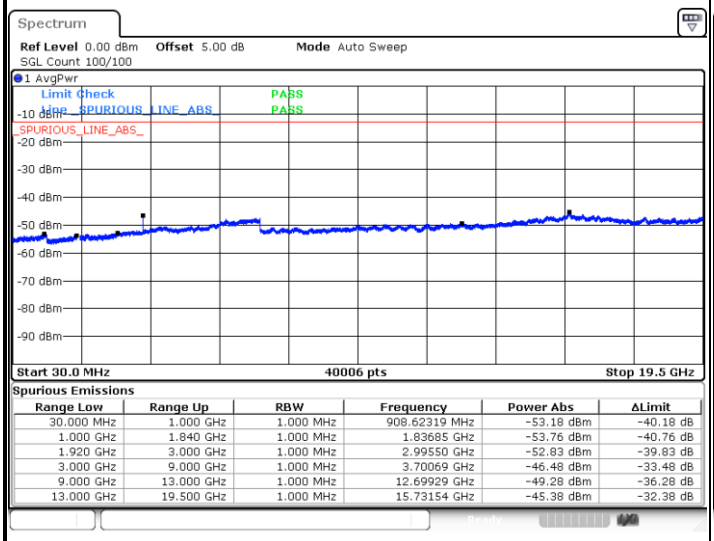
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-52.85 dBm	-39.85 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80495 GHz	-53.80 dBm	-40.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-52.63 dBm	-39.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-45.67 dBm	-32.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-49.16 dBm	-36.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73604 GHz	-45.27 dBm	-32.27 dB

Date: 31.MAY.2020 19:00:48

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

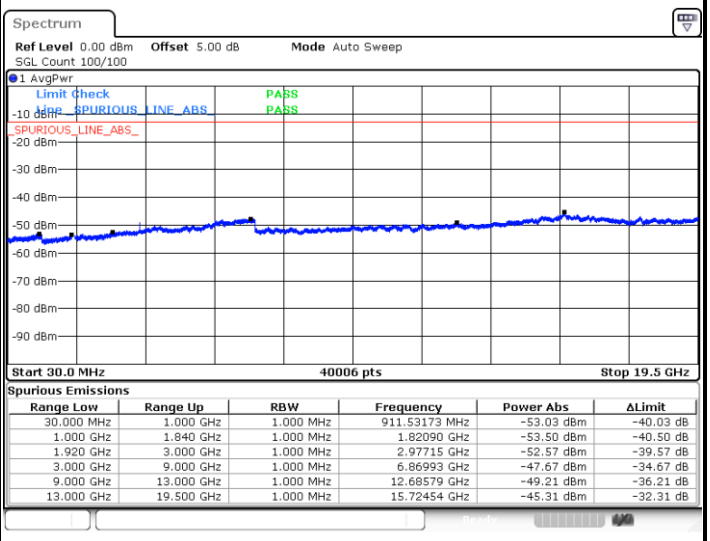


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-53.18 dBm	-40.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83685 GHz	-53.76 dBm	-40.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99550 GHz	-52.83 dBm	-39.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.48 dBm	-33.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-49.28 dBm	-36.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73154 GHz	-45.38 dBm	-32.38 dB

Date: 31.MAY.2020 19:01:44

Middle Channel / 64QAM

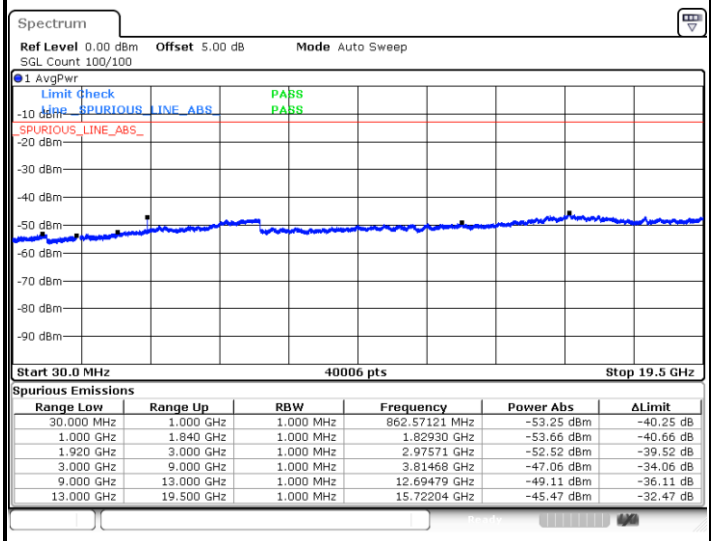


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-53.03 dBm	-40.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82090 GHz	-53.50 dBm	-40.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97715 GHz	-52.57 dBm	-39.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86993 GHz	-47.67 dBm	-34.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68579 GHz	-49.21 dBm	-36.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72454 GHz	-45.31 dBm	-32.31 dB

Date: 31.MAY.2020 19:02:41

Highest Channel / 64QAM



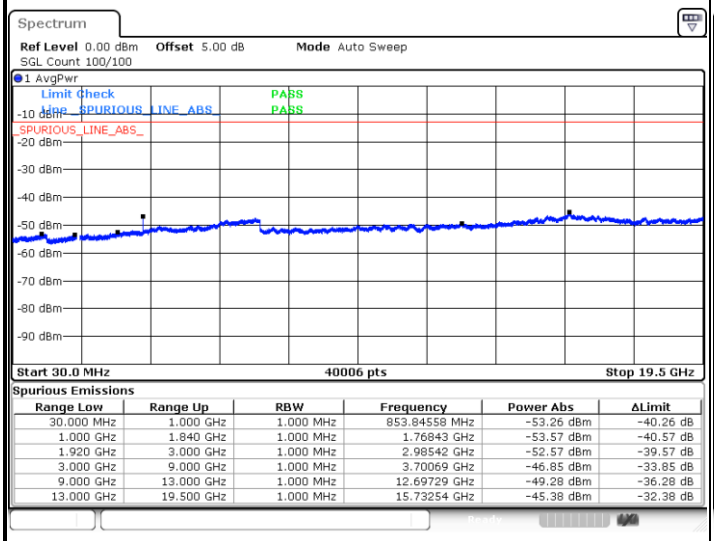
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82930 GHz	-53.66 dBm	-40.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97571 GHz	-52.52 dBm	-39.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81468 GHz	-47.06 dBm	-34.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-49.11 dBm	-36.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72204 GHz	-45.47 dBm	-32.47 dB

Date: 31.MAY.2020 19:03:37

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

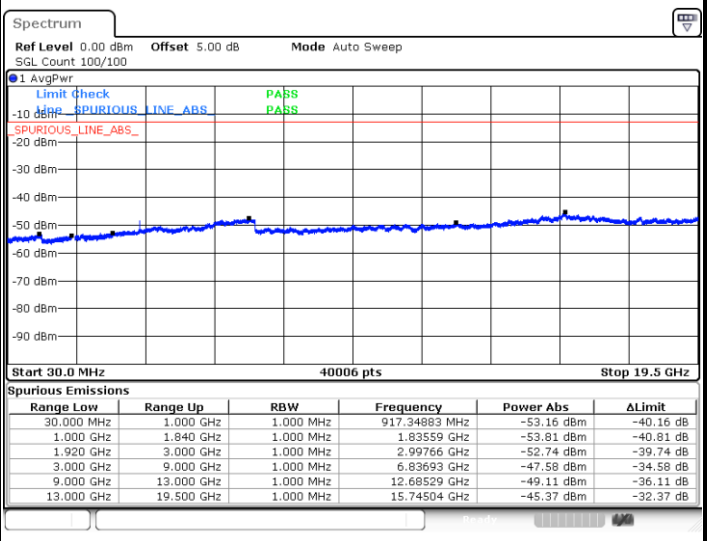


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.84558 MHz	-53.26 dBm	-40.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76843 GHz	-53.57 dBm	-40.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98542 GHz	-52.57 dBm	-39.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.85 dBm	-33.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-49.28 dBm	-36.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73254 GHz	-45.38 dBm	-32.38 dB

Date: 31.MAY.2020 19:04:34

Middle Channel / 64QAM

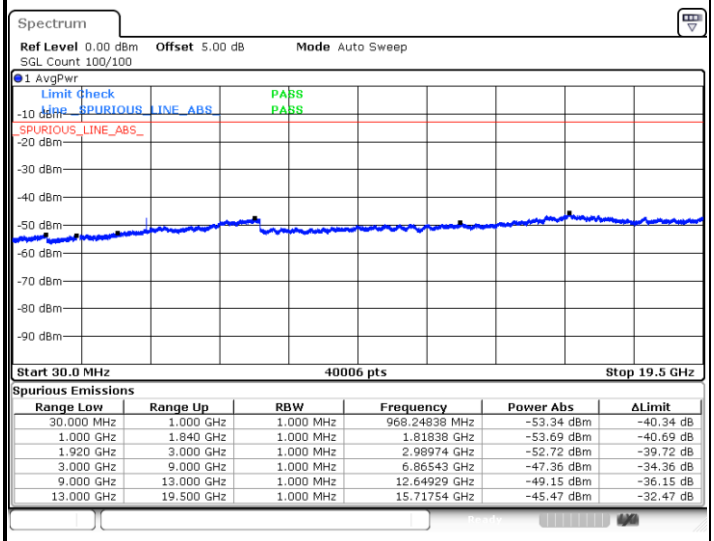


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-53.16 dBm	-40.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-53.81 dBm	-40.81 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-52.74 dBm	-39.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83693 GHz	-47.58 dBm	-34.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68529 GHz	-49.11 dBm	-36.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74504 GHz	-45.37 dBm	-32.37 dB

Date: 31.MAY.2020 19:05:30

Highest Channel / 64QAM



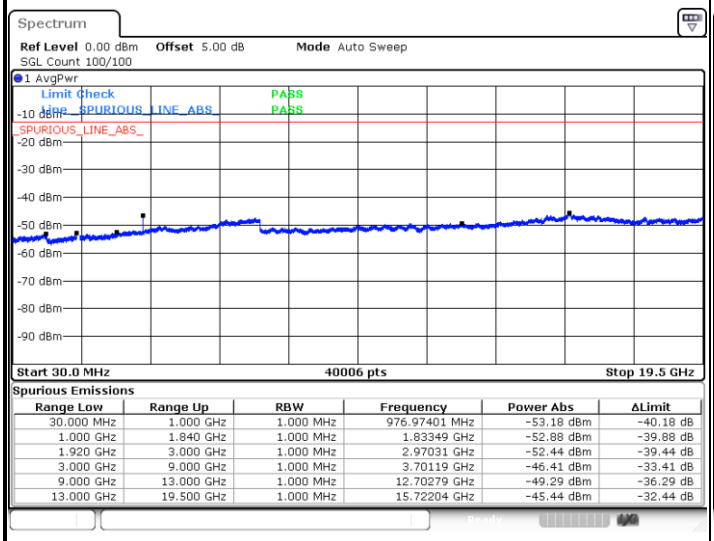
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-53.34 dBm	-40.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81838 GHz	-53.69 dBm	-40.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-52.72 dBm	-39.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.86543 GHz	-47.36 dBm	-34.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64929 GHz	-49.15 dBm	-36.15 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71754 GHz	-45.47 dBm	-32.47 dB

Date: 31.MAY.2020 19:06:27

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

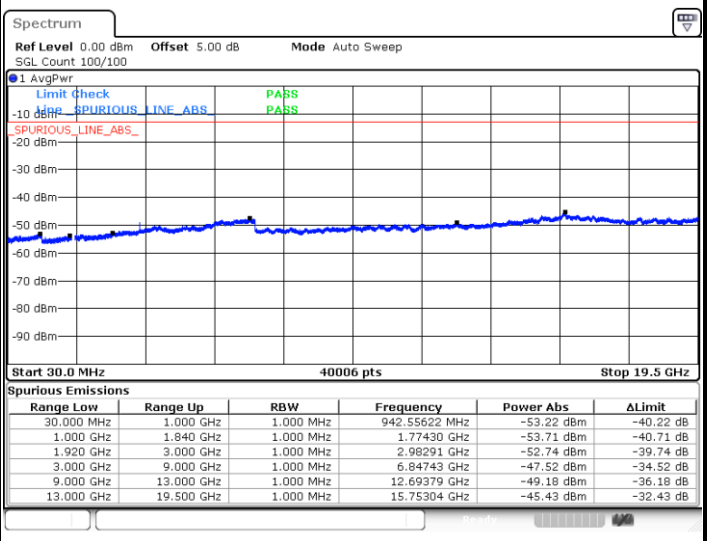


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-53.18 dBm	-40.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-52.88 dBm	-39.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97031 GHz	-52.44 dBm	-39.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-46.41 dBm	-33.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70279 GHz	-49.29 dBm	-36.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72204 GHz	-45.44 dBm	-32.44 dB

Date: 31.MAY.2020 19:07:23

Middle Channel / 64QAM

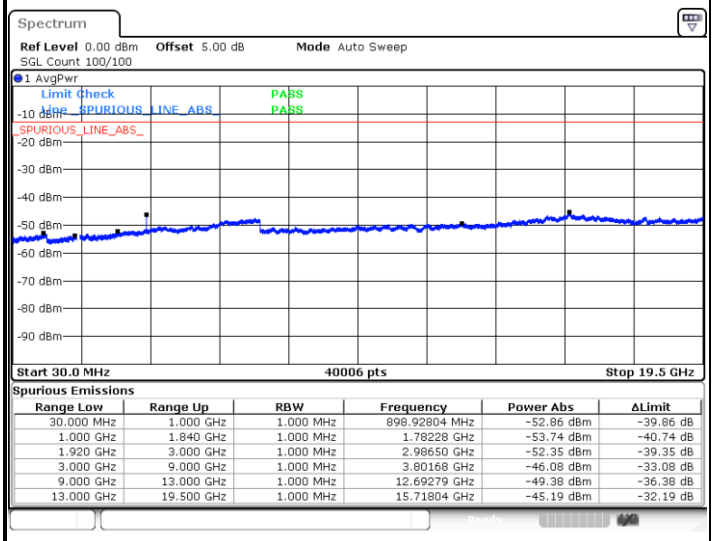


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-53.22 dBm	-40.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77430 GHz	-53.71 dBm	-40.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98291 GHz	-52.74 dBm	-39.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84743 GHz	-47.52 dBm	-34.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69379 GHz	-49.18 dBm	-36.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75304 GHz	-45.43 dBm	-32.43 dB

Date: 31.MAY.2020 19:08:19

Highest Channel / 64QAM



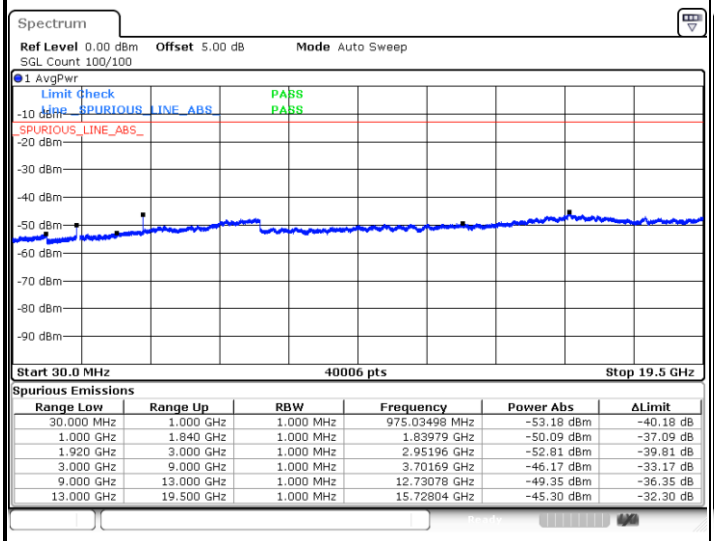
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-52.86 dBm	-39.86 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78228 GHz	-53.74 dBm	-40.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98650 GHz	-52.35 dBm	-39.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.80168 GHz	-46.08 dBm	-33.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-49.38 dBm	-36.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71804 GHz	-45.19 dBm	-32.19 dB

Date: 31.MAY.2020 19:09:16

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

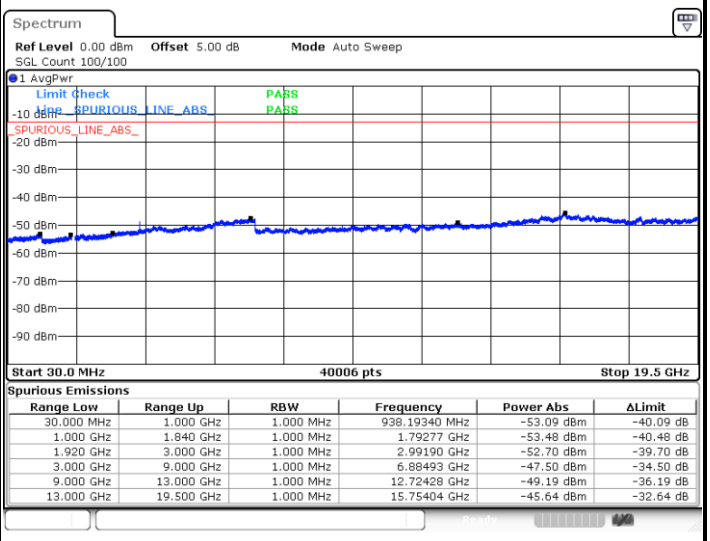


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-53.18 dBm	-40.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-50.09 dBm	-37.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95196 GHz	-52.81 dBm	-39.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.17 dBm	-33.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73078 GHz	-49.35 dBm	-36.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72804 GHz	-45.30 dBm	-32.30 dB

Date: 31.MAY.2020 19:10:12

Middle Channel / 64QAM

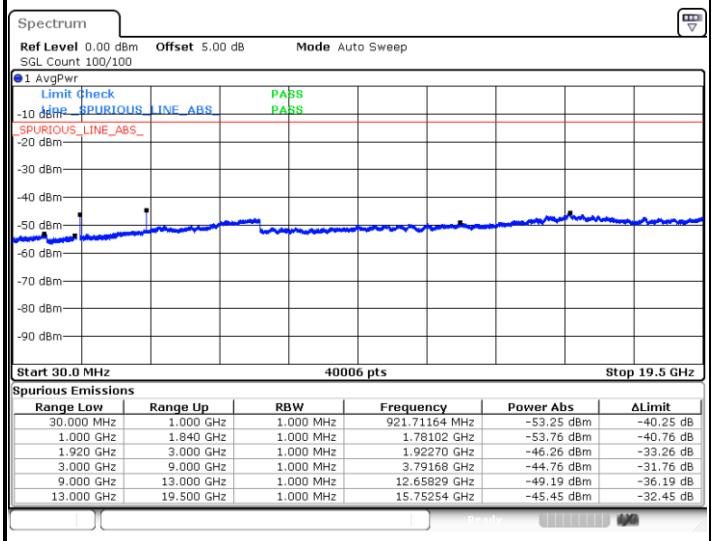


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-53.09 dBm	-40.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79277 GHz	-53.48 dBm	-40.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-52.70 dBm	-39.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88493 GHz	-47.50 dBm	-34.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72428 GHz	-49.19 dBm	-36.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75404 GHz	-45.64 dBm	-32.64 dB

Date: 31.MAY.2020 19:11:09

Highest Channel / 64QAM



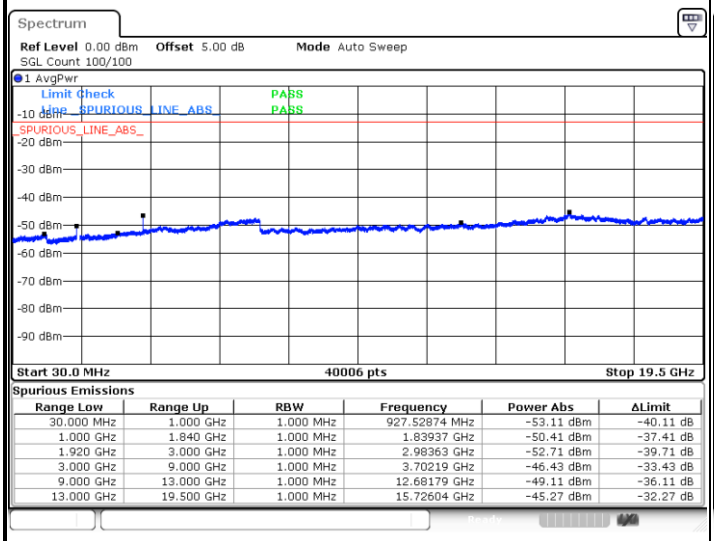
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-53.25 dBm	-40.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78102 GHz	-53.76 dBm	-40.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-44.76 dBm	-31.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65829 GHz	-49.19 dBm	-36.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75254 GHz	-45.45 dBm	-32.45 dB

Date: 31.MAY.2020 19:12:05

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

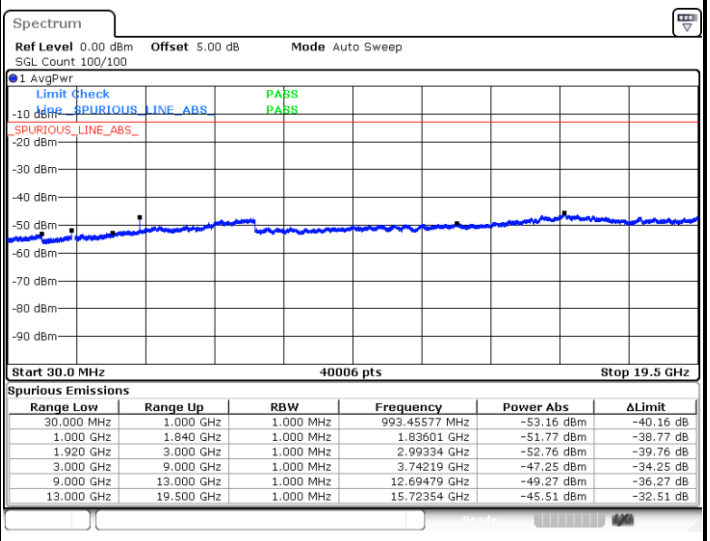


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-53.11 dBm	-40.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-50.41 dBm	-37.41 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98363 GHz	-52.71 dBm	-39.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.43 dBm	-33.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68179 GHz	-49.11 dBm	-36.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72604 GHz	-45.27 dBm	-32.27 dB

Date: 31.MAY.2020 19:13:02

Middle Channel / 64QAM

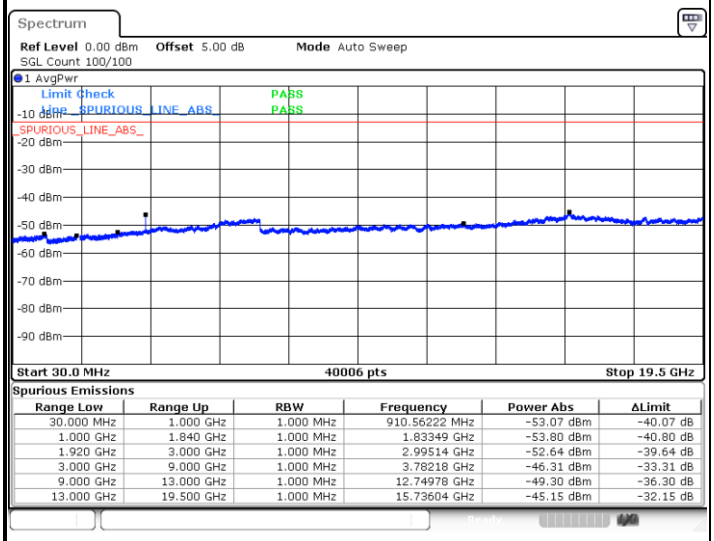


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-53.16 dBm	-40.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-51.77 dBm	-38.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99334 GHz	-52.76 dBm	-39.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-47.25 dBm	-34.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-49.27 dBm	-36.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72354 GHz	-45.51 dBm	-32.51 dB

Date: 31.MAY.2020 19:13:58

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-53.07 dBm	-40.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-53.80 dBm	-40.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99514 GHz	-52.64 dBm	-39.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-46.31 dBm	-33.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74978 GHz	-49.30 dBm	-36.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73604 GHz	-45.15 dBm	-32.15 dB

Date: 31.MAY.2020 19:14:55

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	0.0026	
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	0.0020	
20	Battery End Point	0.0023	

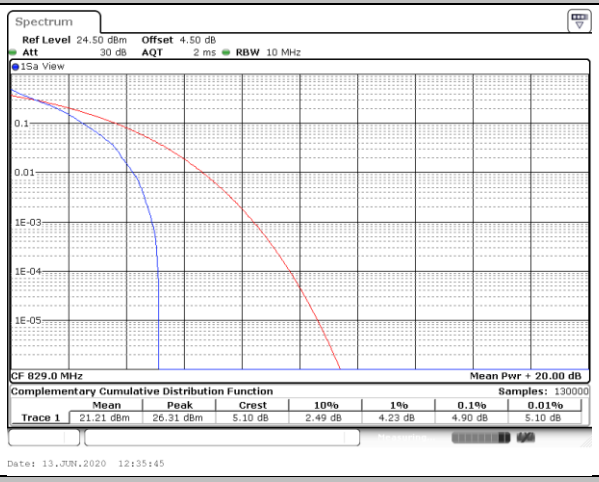
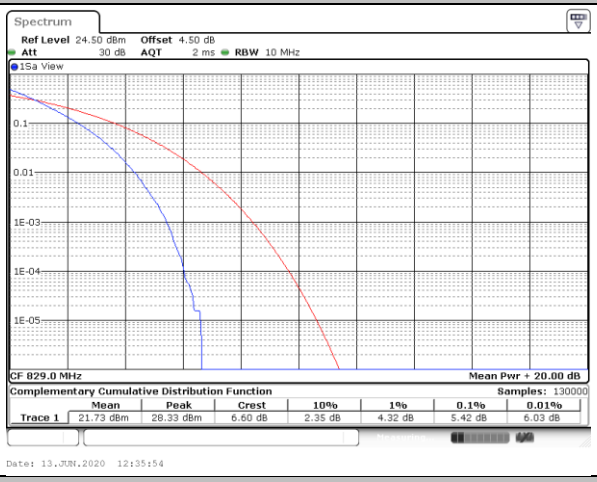
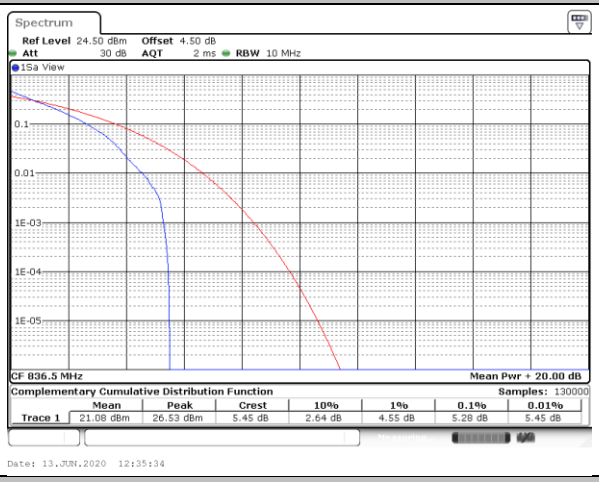
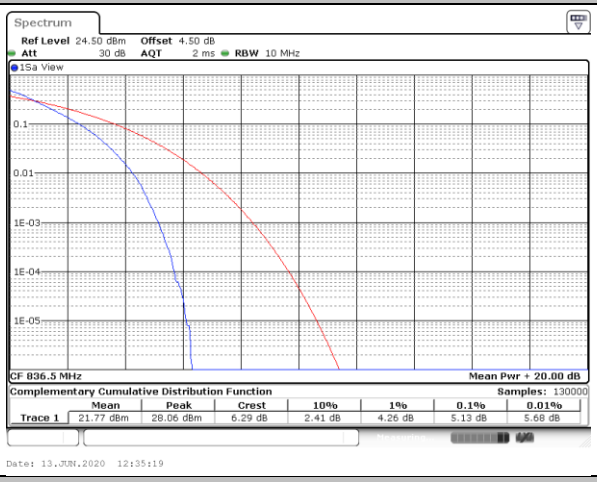
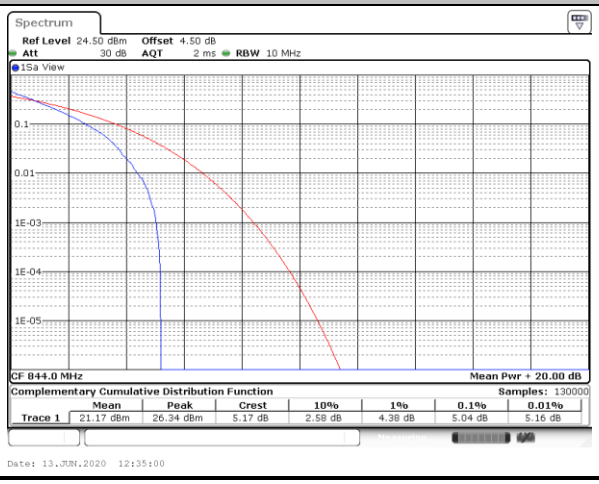
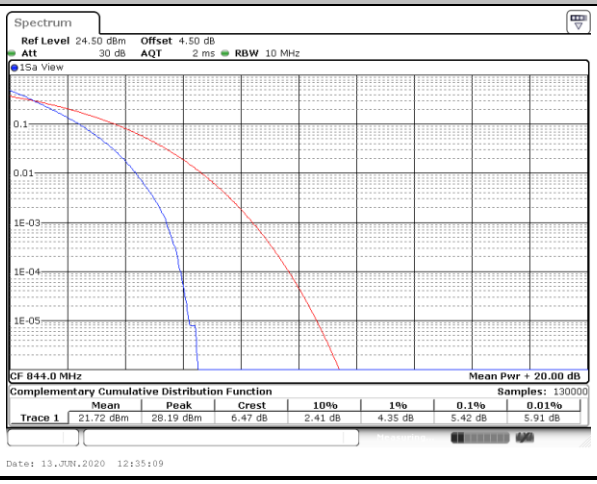
Note:

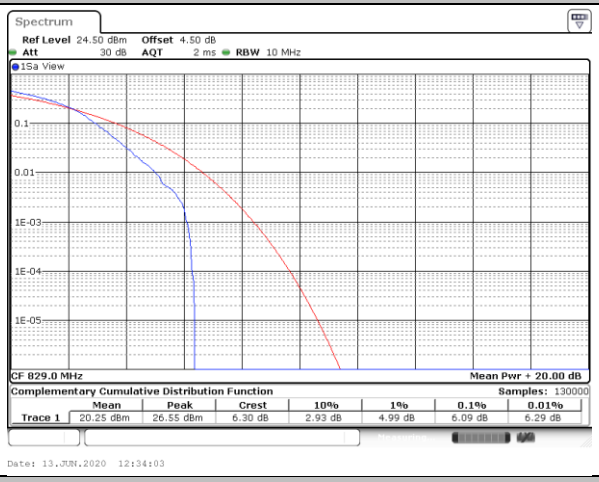
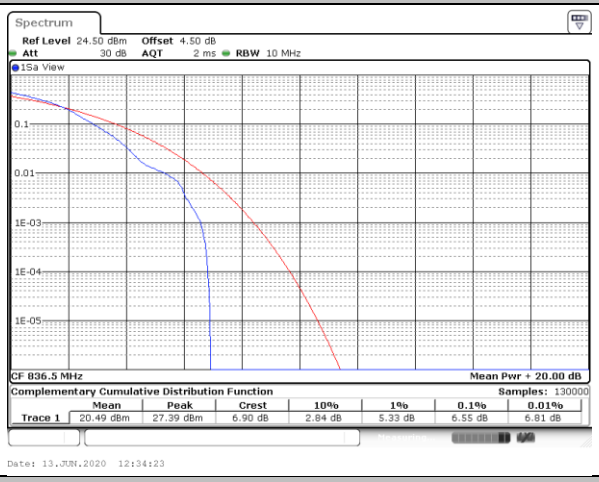
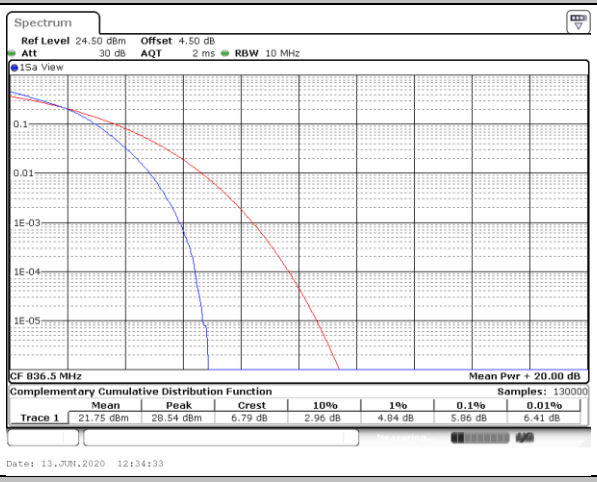
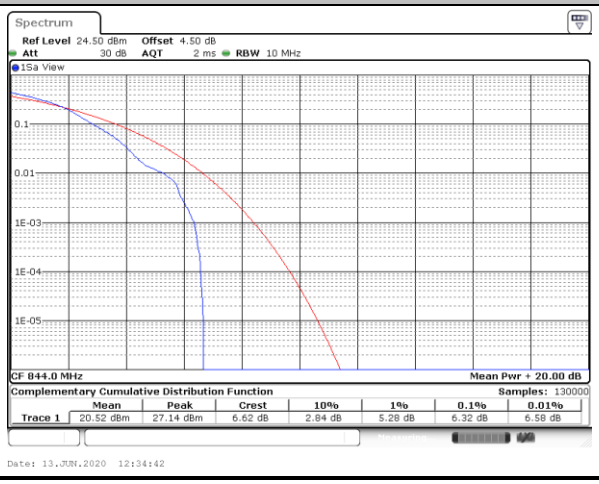
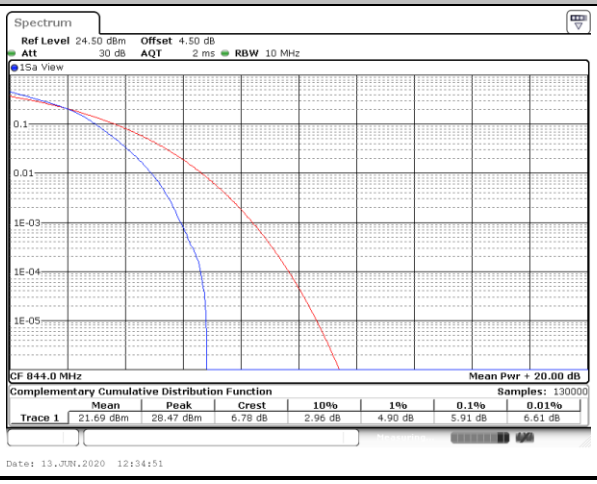
1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5

Peak-to-Average Ratio

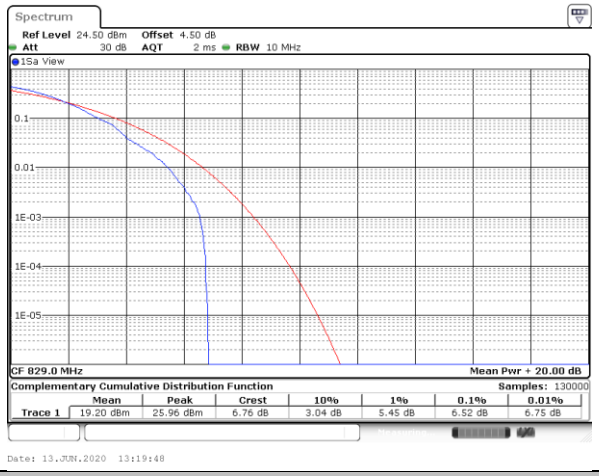
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.90	5.42	6.09	6.12	PASS
Middle CH	5.28	5.13	6.55	5.86	
Highest CH	5.04	5.42	6.32	5.91	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.52	6.29	-	-	PASS
Middle CH	6.41	6.29	-	-	
Highest CH	6.67	6.29	-	-	

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**
	

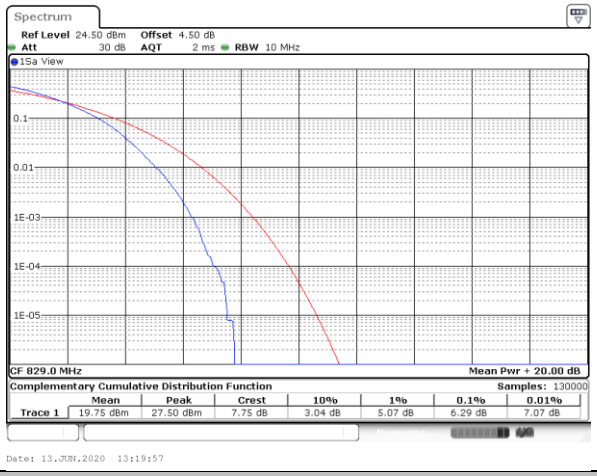
LTE Band 5 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

LTE Band 5 / 10MHz / 64QAM

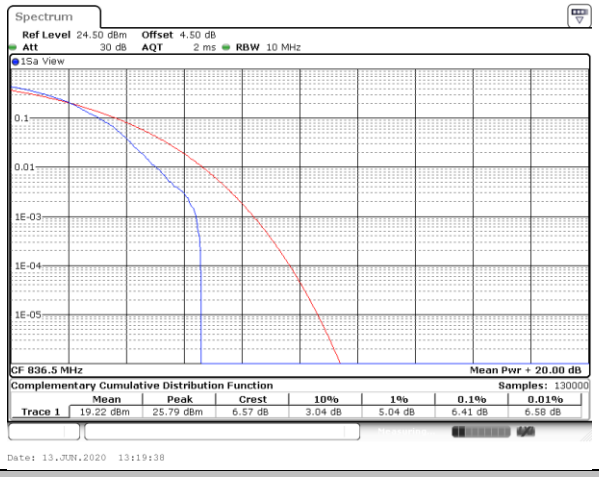
Lowest Channel / 1RB



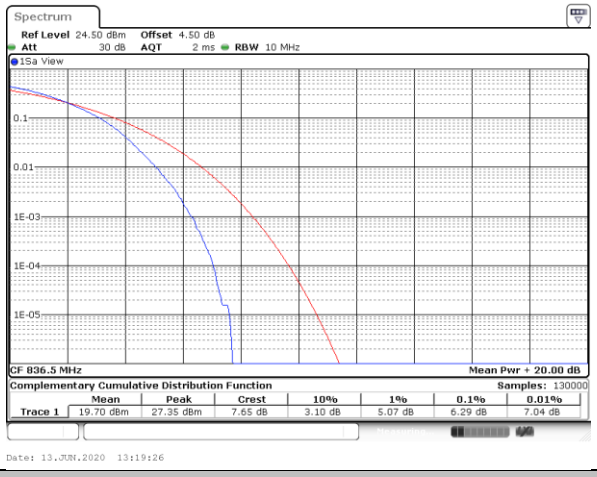
Lowest Channel / Full RB



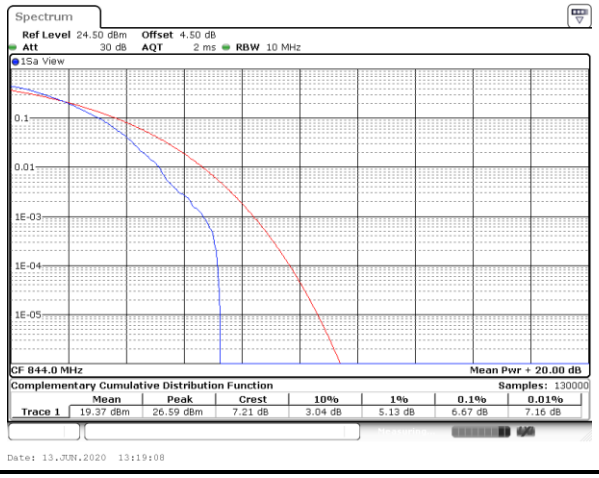
Middle Channel / 1RB



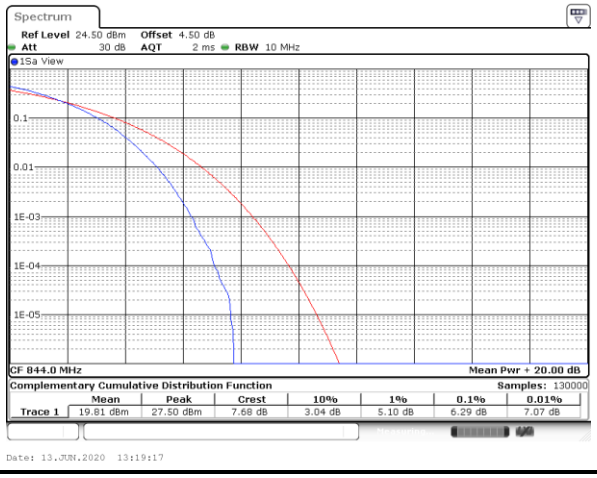
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

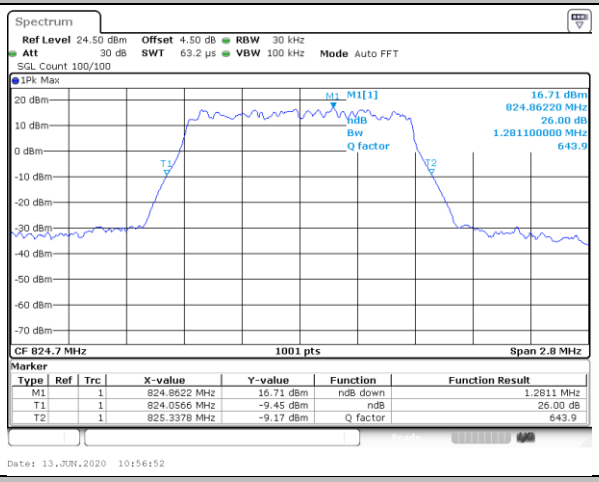


26dB Bandwidth

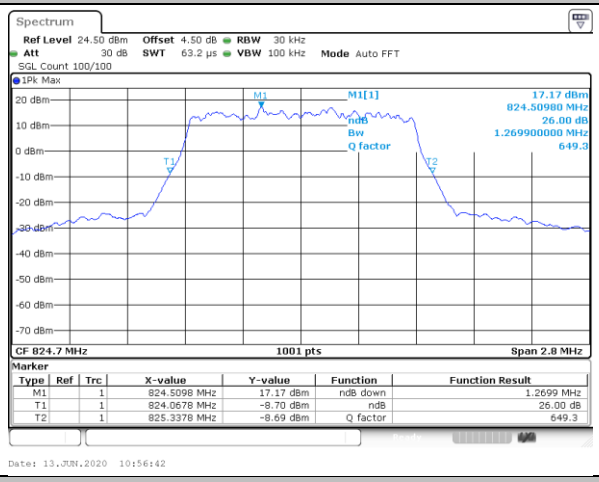
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.27	2.97	2.95	4.78	4.85	9.61	9.63	-	-	-	-
Middle CH	1.26	1.28	2.99	2.99	4.81	4.86	9.67	9.83	-	-	-	-
Highest CH	1.26	1.26	2.96	2.98	4.79	4.82	9.83	9.77	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.30	-	2.98	-	4.82	-	9.87	-	-	-	-	-
Middle CH	1.29	-	3.01	-	4.88	-	9.69	-	-	-	-	-
Highest CH	1.28	-	2.95	-	4.92	-	9.99	-	-	-	-	-

LTE Band 5

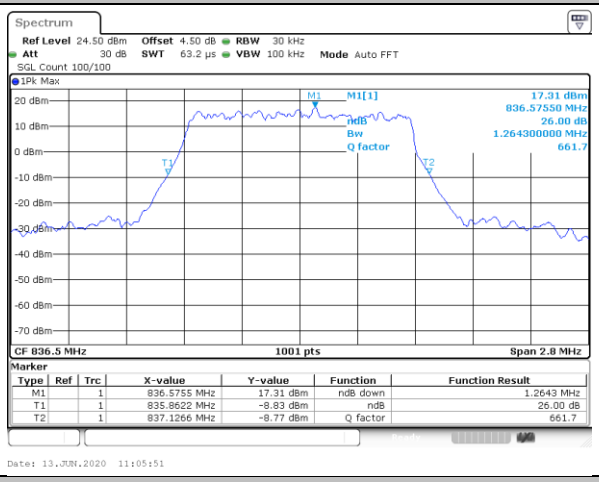
Lowest Channel / 1.4MHz / QPSK



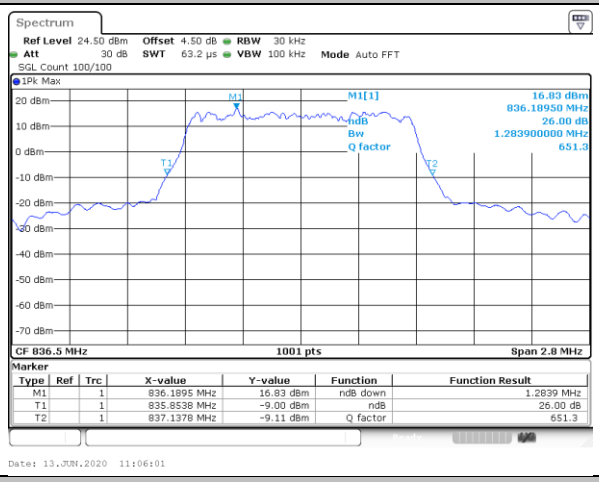
Lowest Channel / 1.4MHz / 16QAM



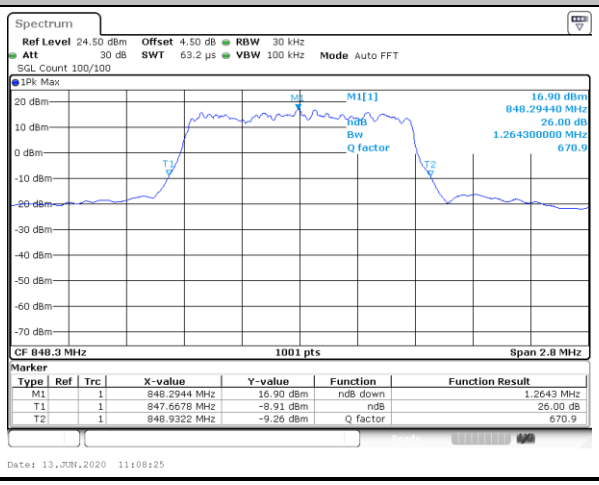
Middle Channel / 1.4MHz / QPSK



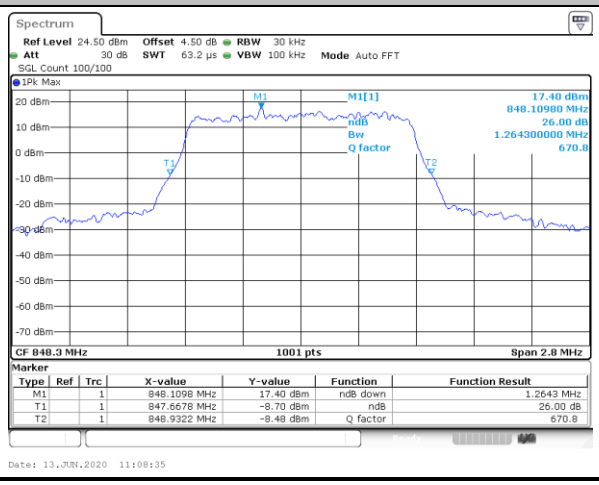
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

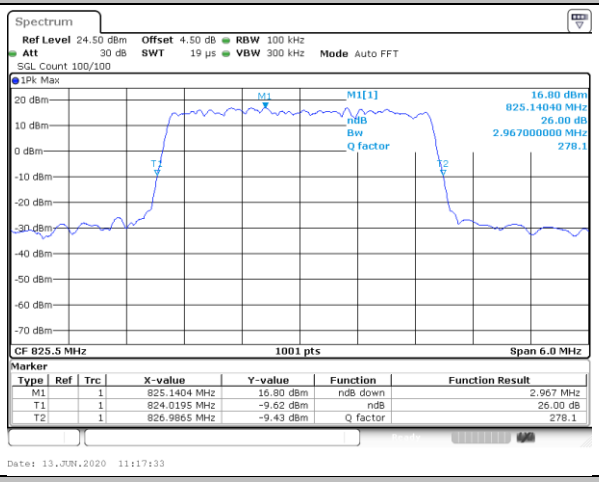


Highest Channel / 1.4MHz / 16QAM

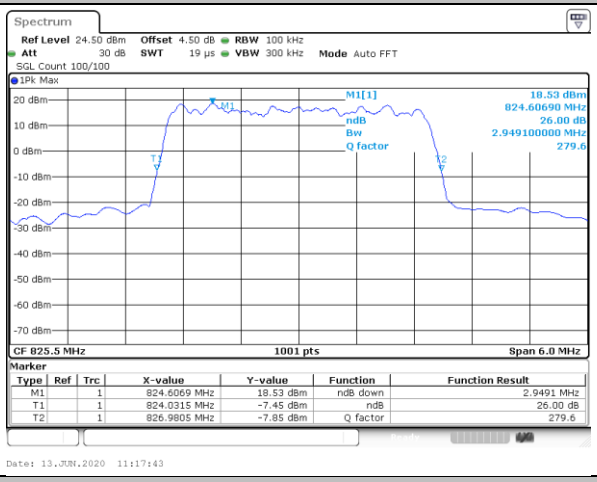


LTE Band 5

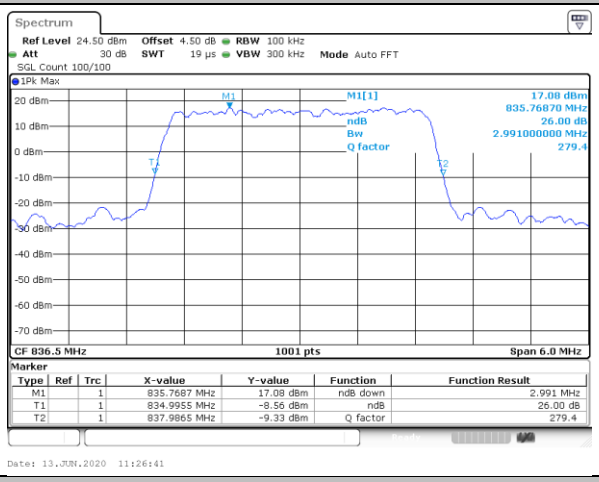
Lowest Channel / 3MHz / QPSK



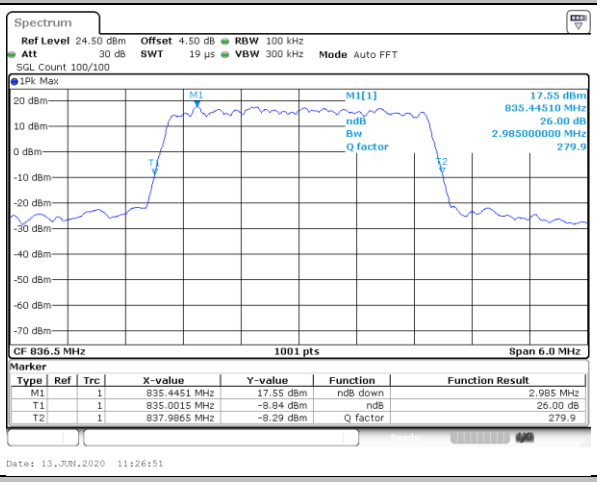
Lowest Channel / 3MHz / 16QAM



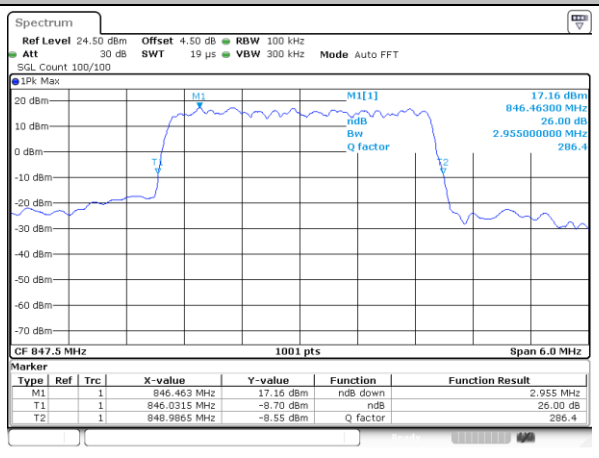
Middle Channel / 3MHz / QPSK



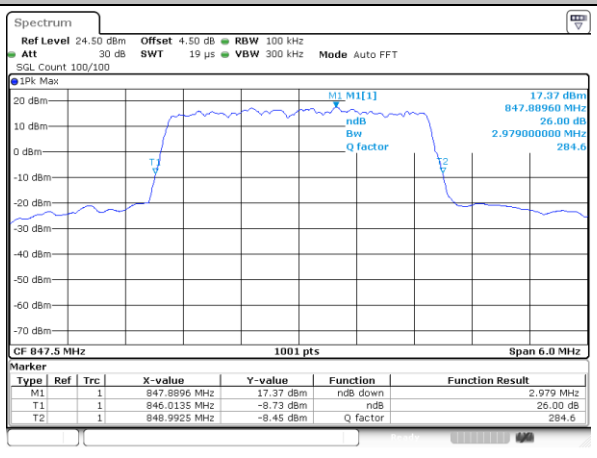
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

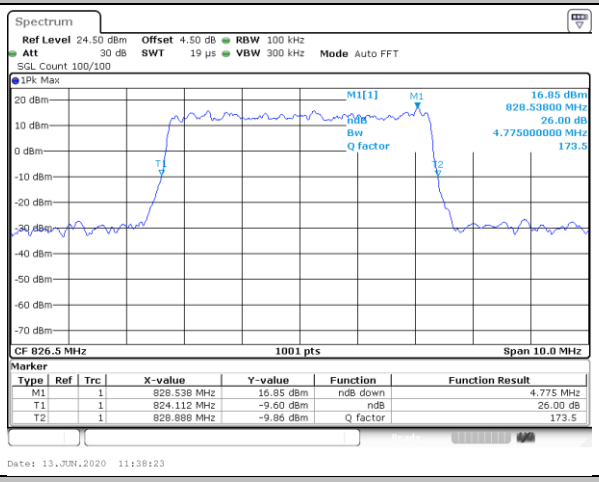


Highest Channel / 3MHz / 16QAM

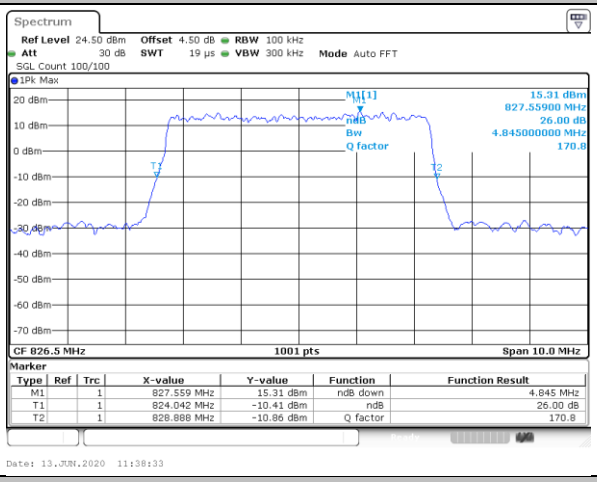


LTE Band 5

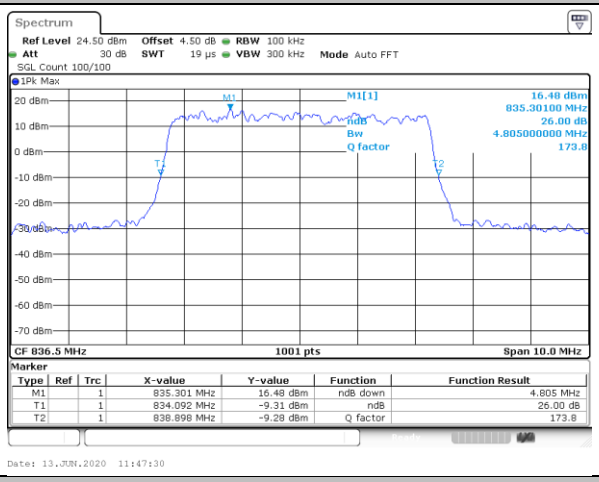
Lowest Channel / 5MHz / QPSK



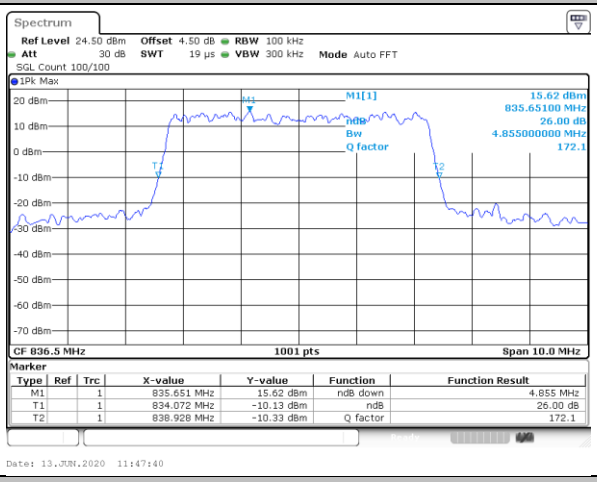
Lowest Channel / 5MHz / 16QAM



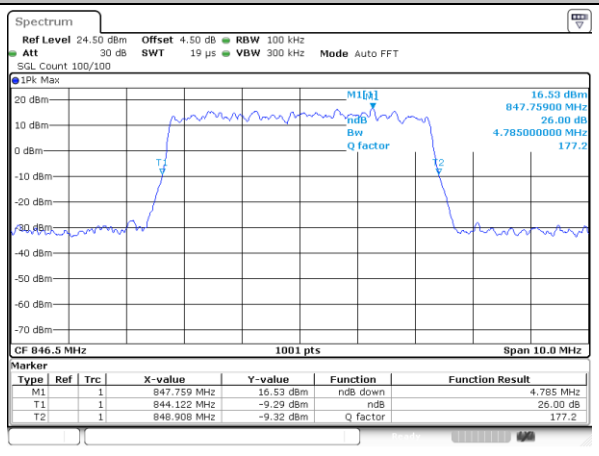
Middle Channel / 5MHz / QPSK



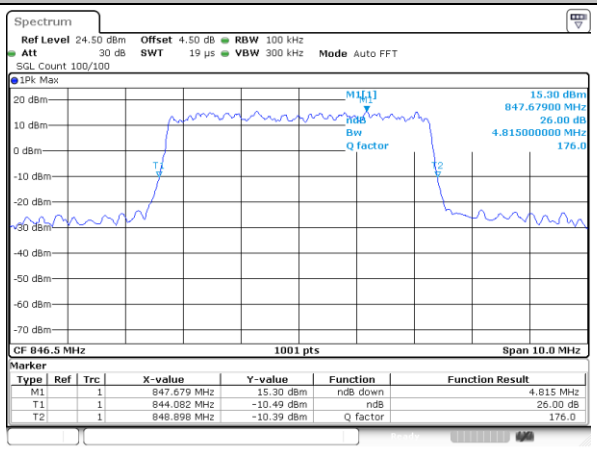
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

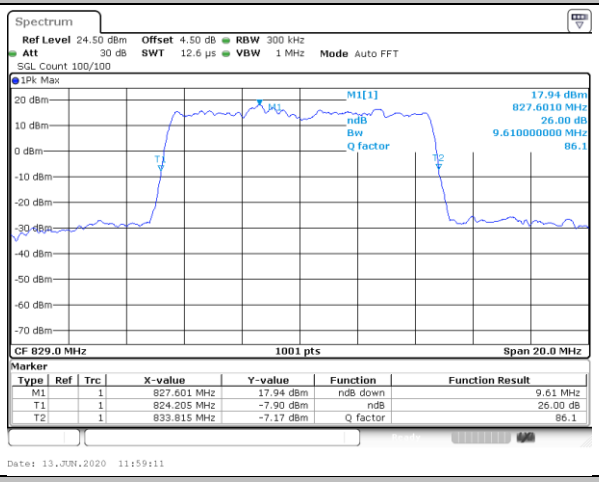


Highest Channel / 5MHz / 16QAM

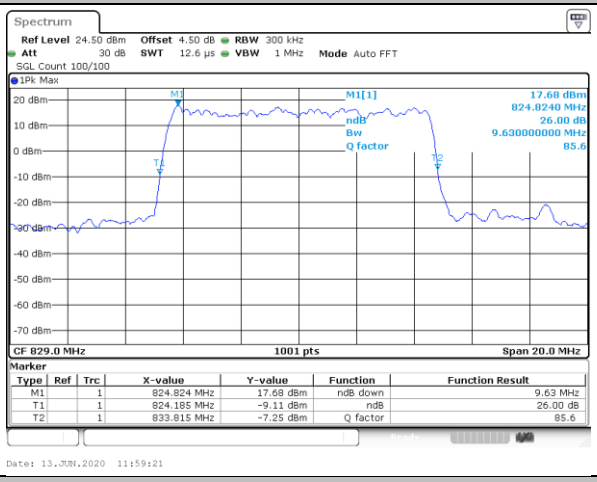


LTE Band 5

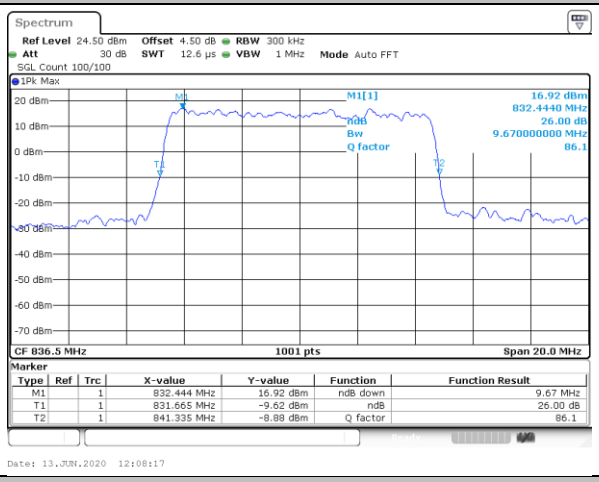
Lowest Channel / 10MHz / QPSK



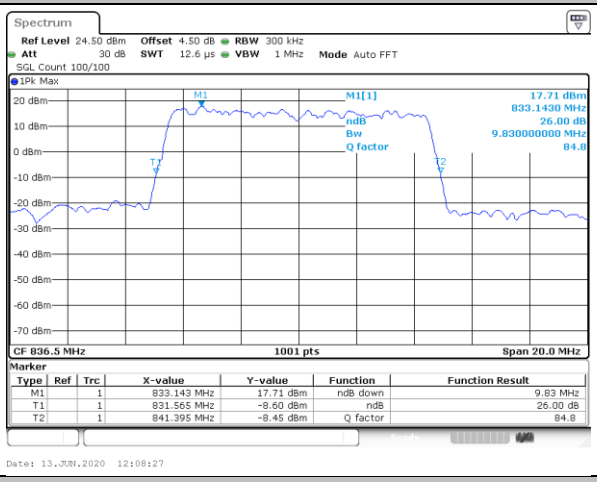
Lowest Channel / 10MHz / 16QAM



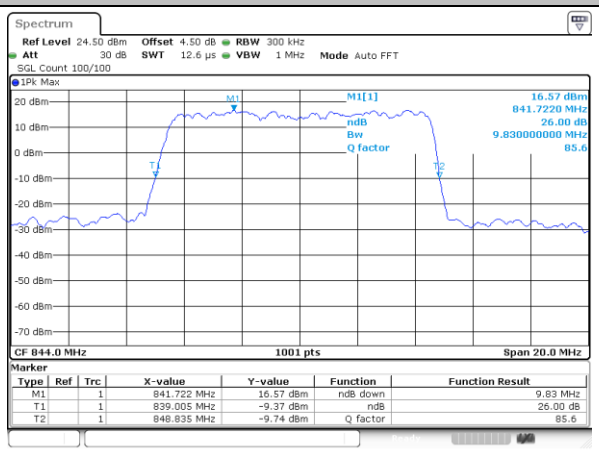
Middle Channel / 10MHz / QPSK



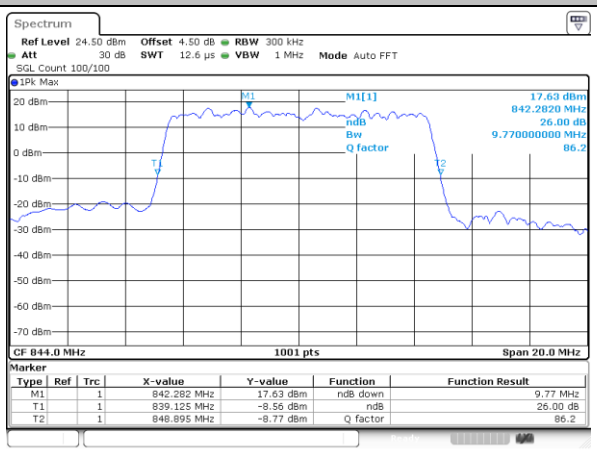
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

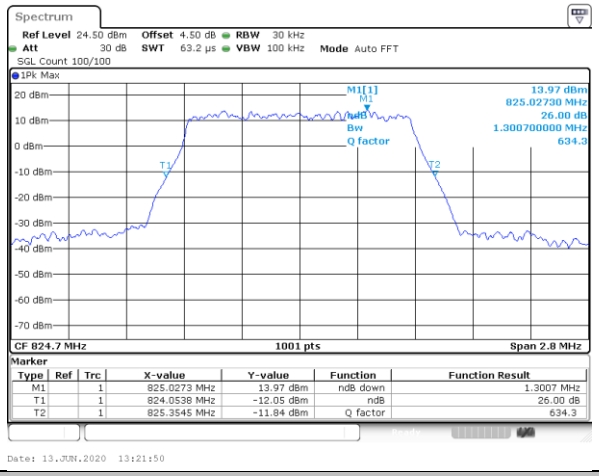


Highest Channel / 10MHz / 16QAM

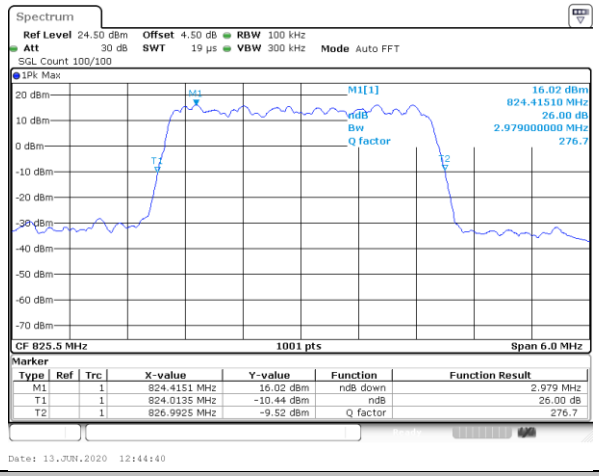


LTE Band 5

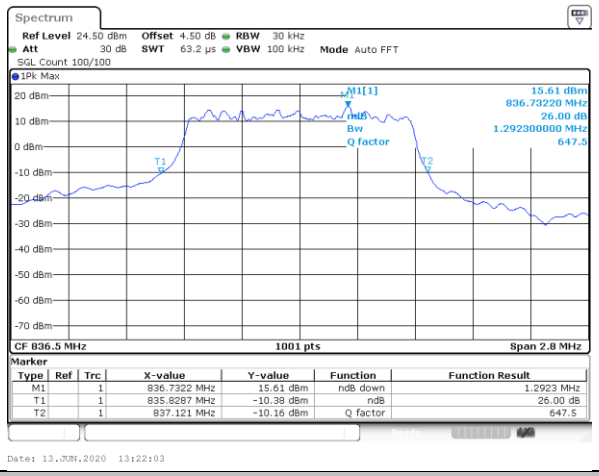
Lowest Channel / 1.4MHz / 64QAM



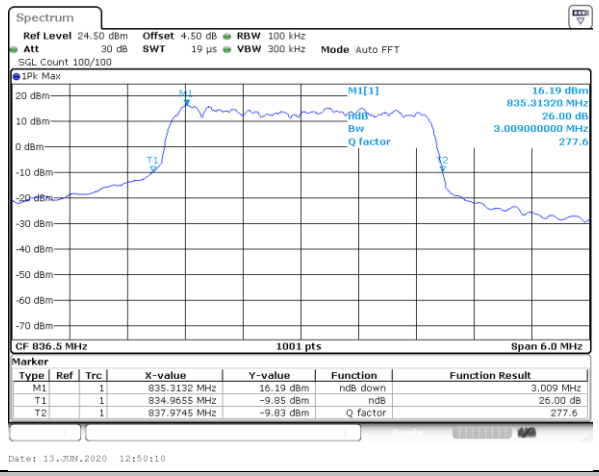
Lowest Channel / 3MHz / 64QAM



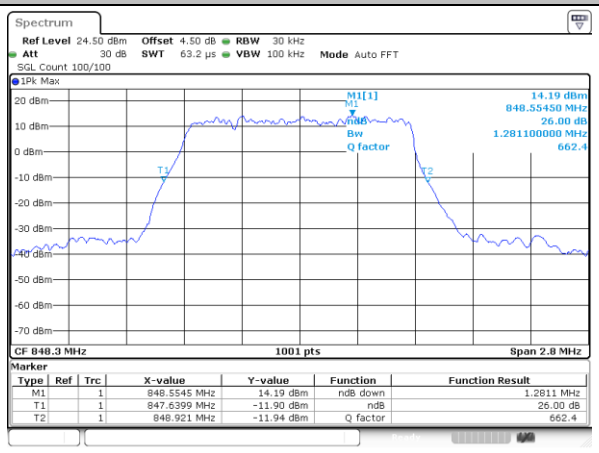
Middle Channel / 1.4MHz / 64QAM



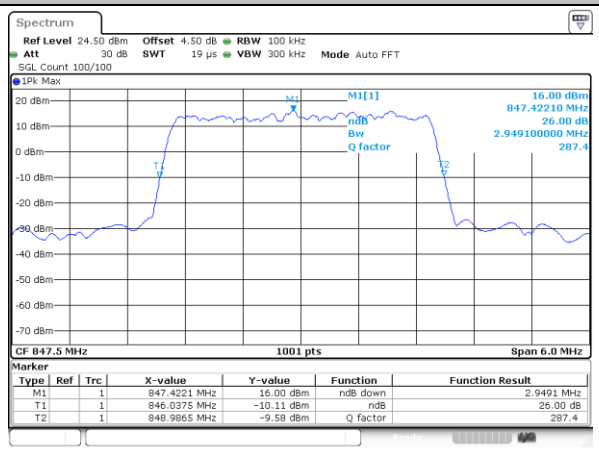
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

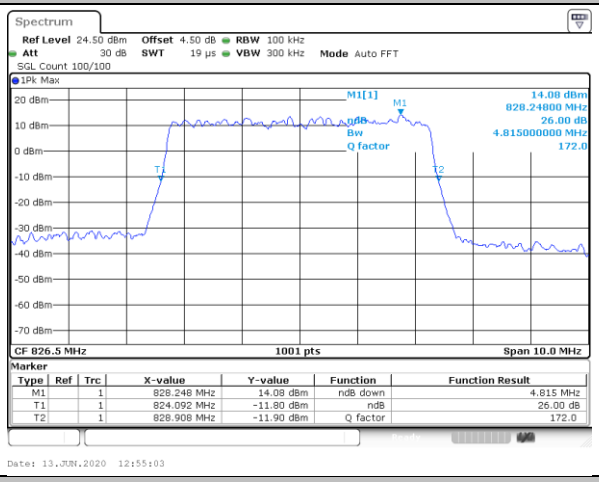


Highest Channel / 3MHz / 64QAM

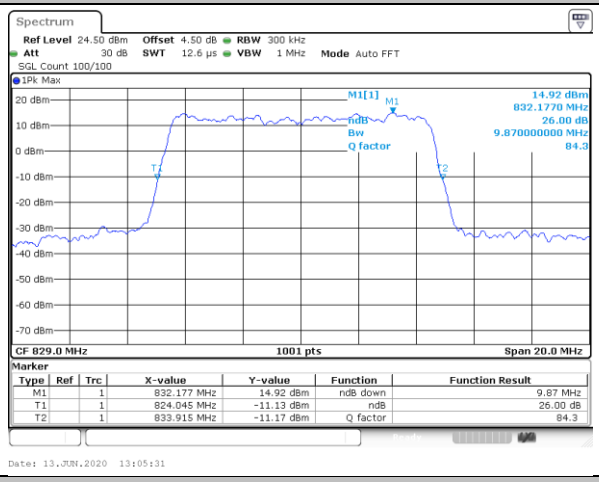


LTE Band 5

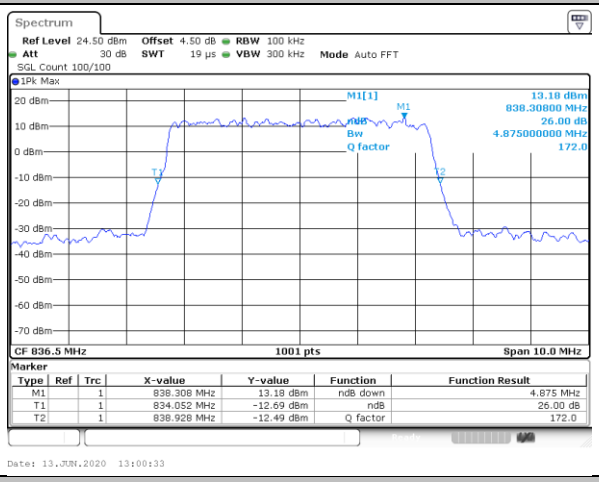
Lowest Channel / 5MHz / 64QAM



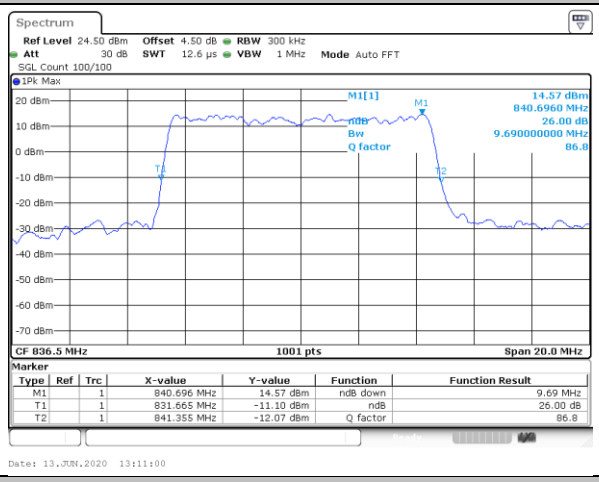
Lowest Channel / 10MHz / 64QAM



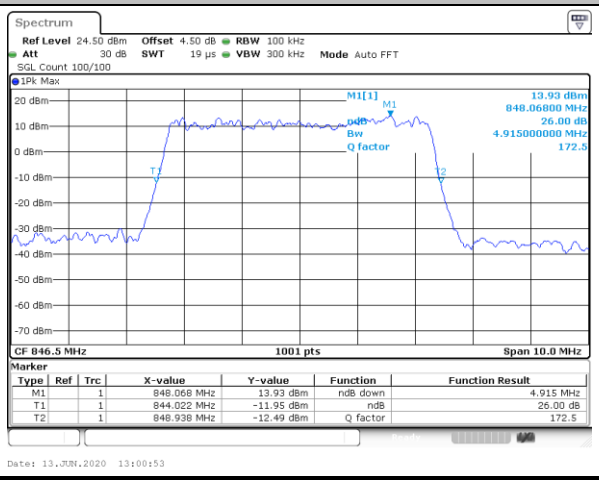
Middle Channel / 5MHz / 64QAM



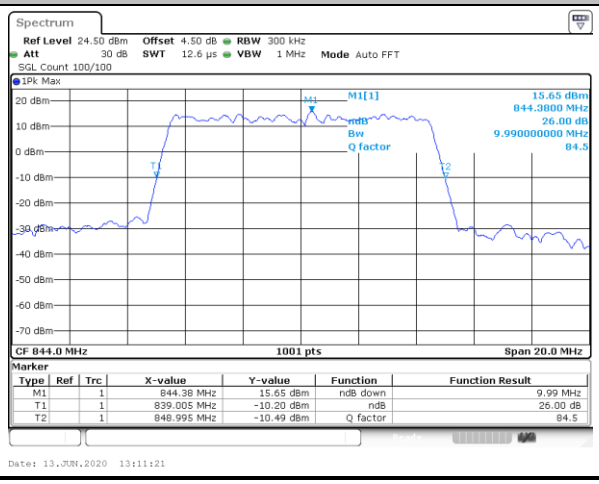
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

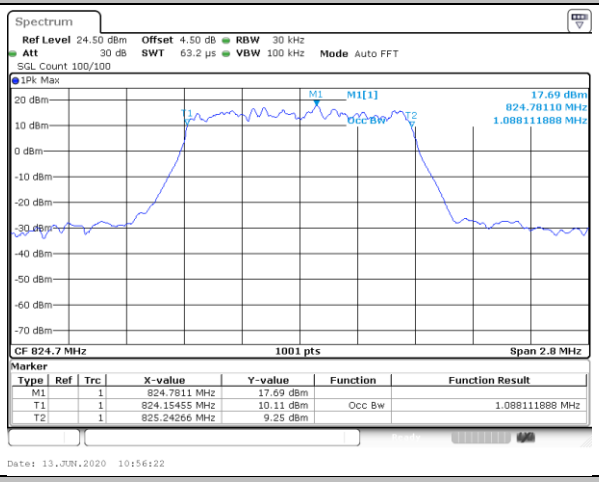


Occupied Bandwidth

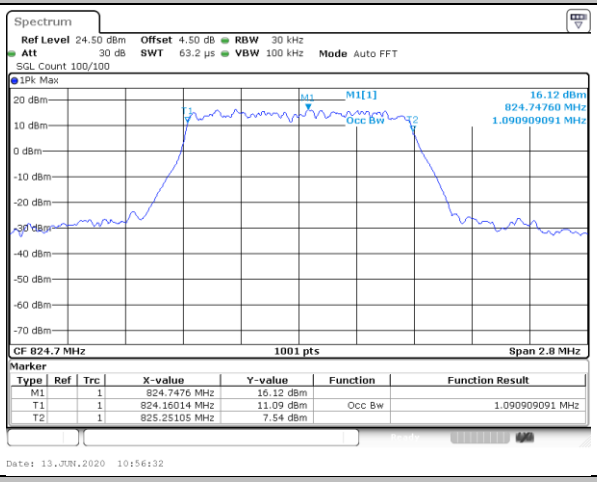
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.73	4.48	4.46	9.03	8.99	-	-	-	-
Middle CH	1.09	1.09	2.71	2.71	4.48	4.49	9.05	9.07	-	-	-	-
Highest CH	1.10	1.09	2.71	2.71	4.47	4.47	9.09	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	1.09	-	2.73	-	4.46	-	9.01	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.49	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.50	-	9.03	-	-	-	-	-

LTE Band 5

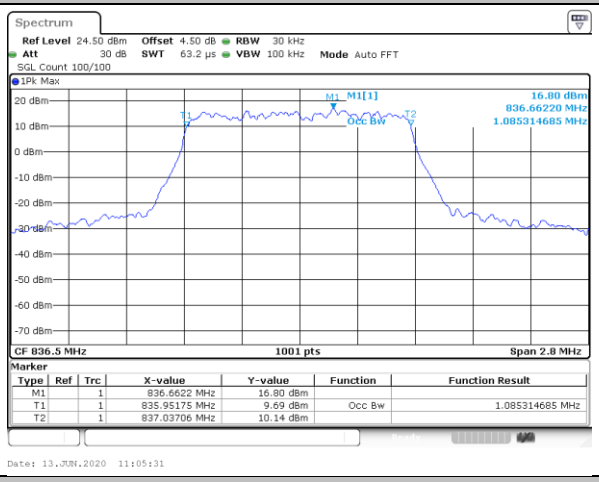
Lowest Channel / 1.4MHz / QPSK



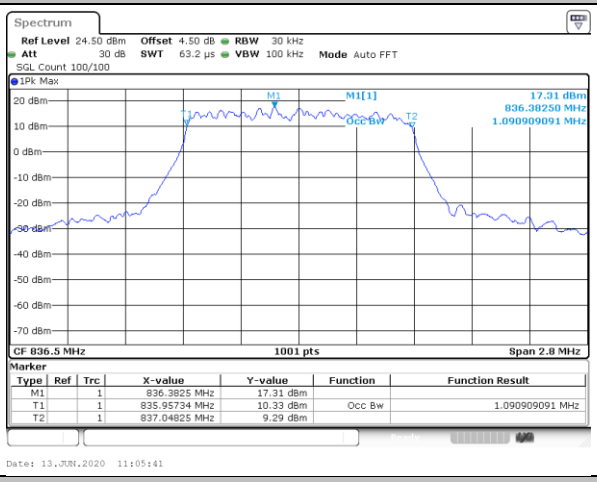
Lowest Channel / 1.4MHz / 16QAM



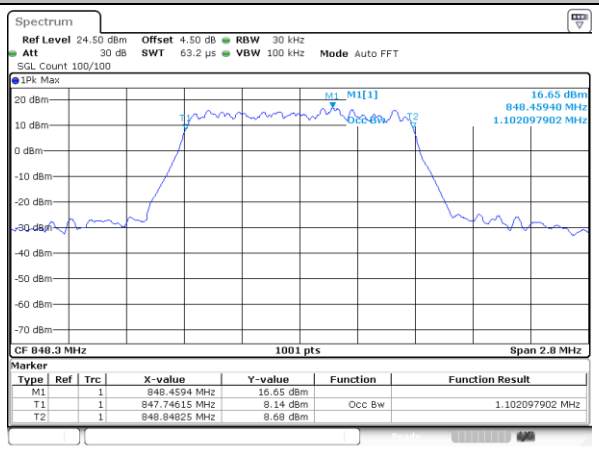
Middle Channel / 1.4MHz / QPSK



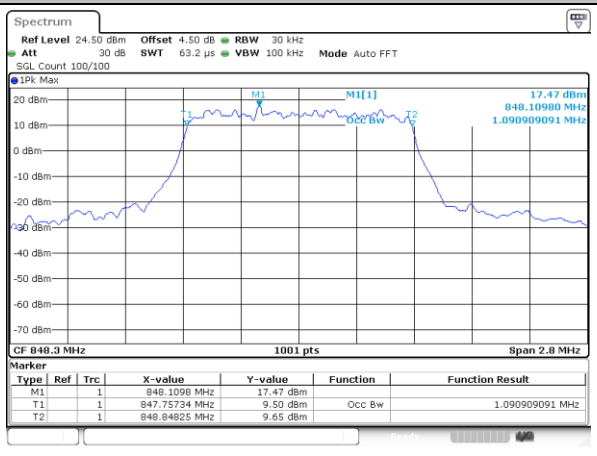
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

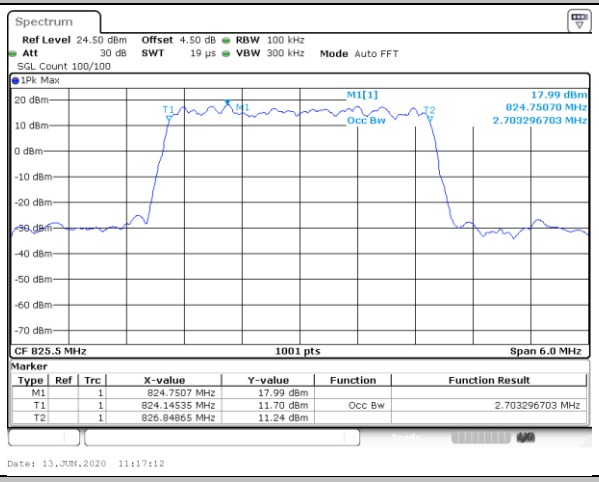


Highest Channel / 1.4MHz / 16QAM

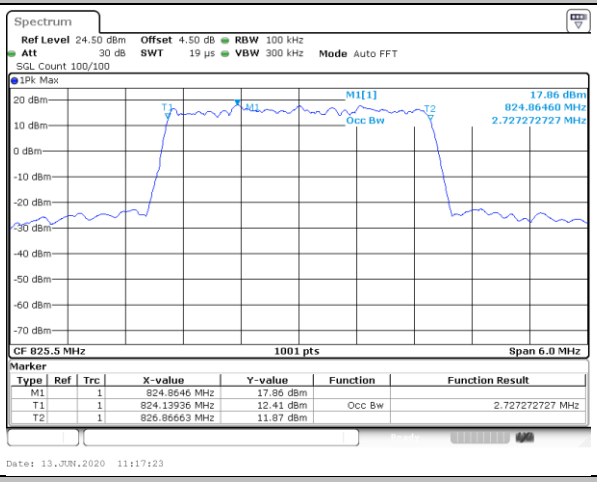


LTE Band 5

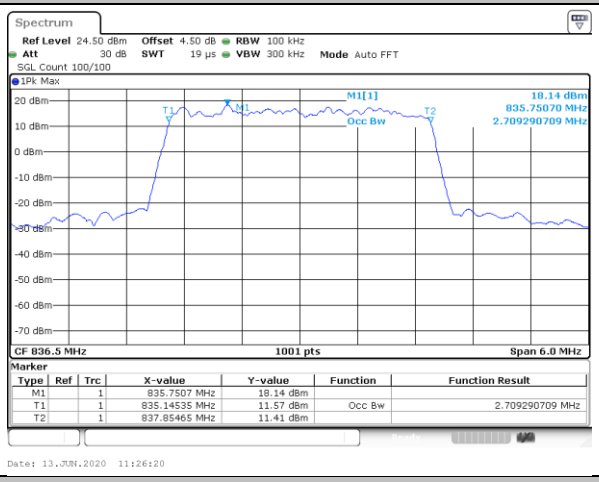
Lowest Channel / 3MHz / QPSK



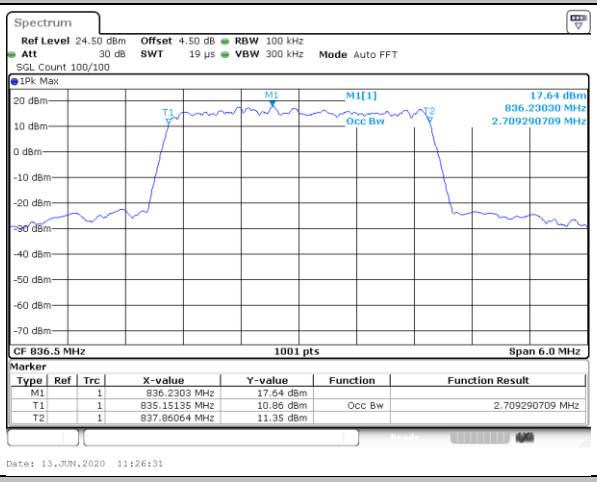
Lowest Channel / 3MHz / 16QAM



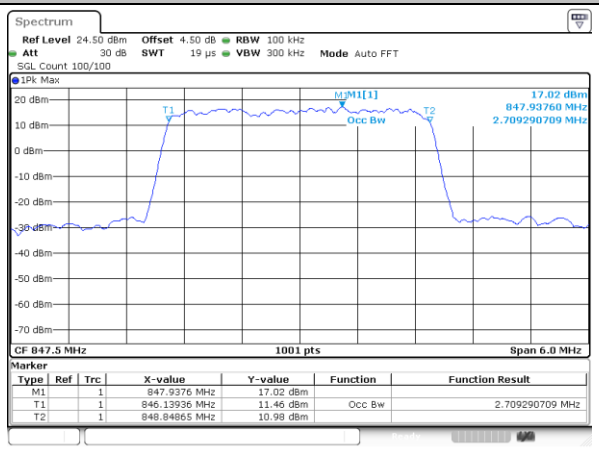
Middle Channel / 3MHz / QPSK



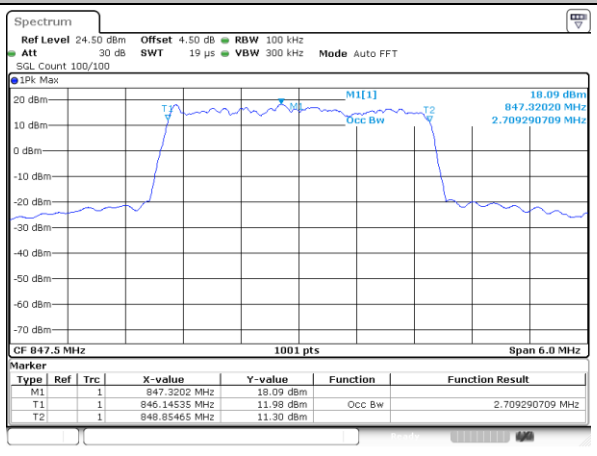
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

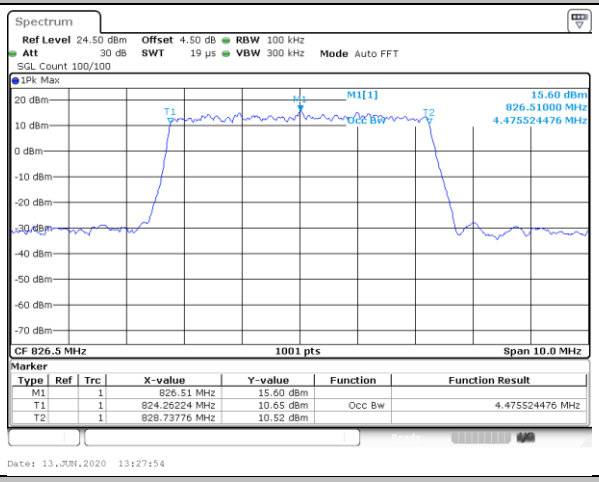


Highest Channel / 3MHz / 16QAM

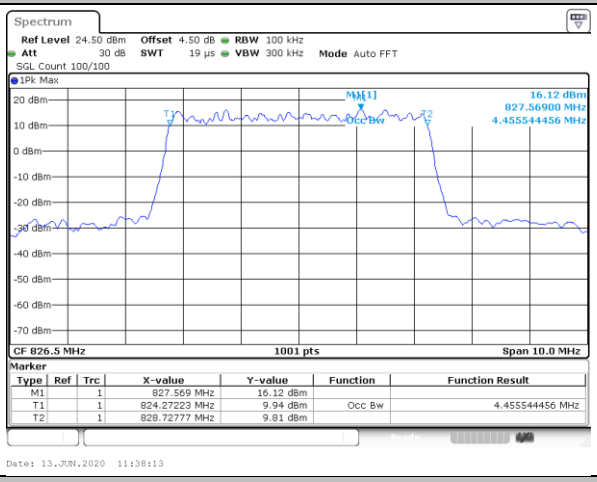


LTE Band 5

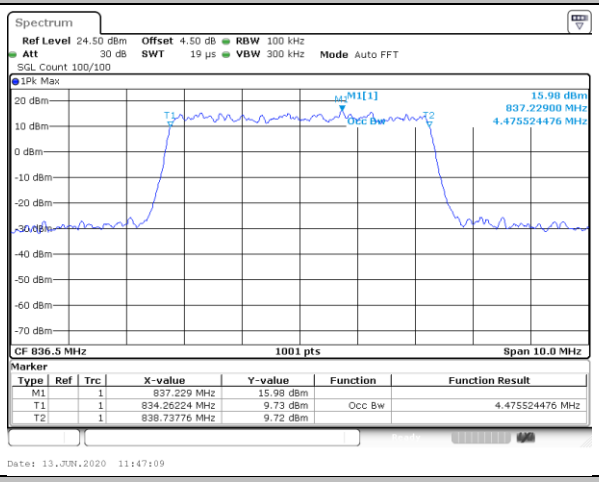
Lowest Channel / 5MHz / QPSK



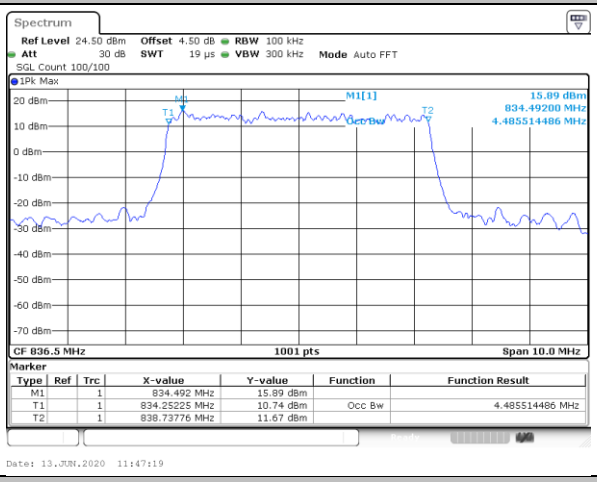
Lowest Channel / 5MHz / 16QAM



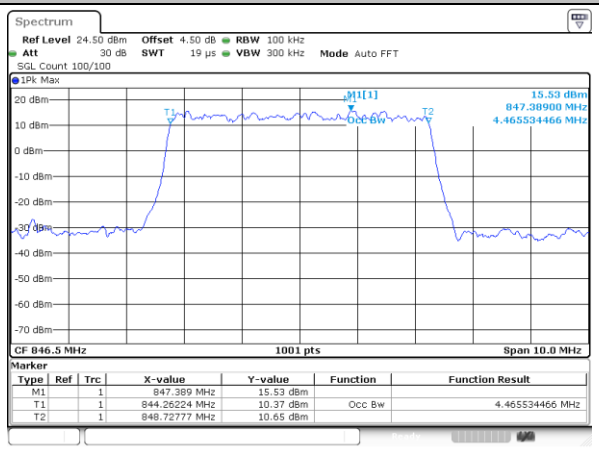
Middle Channel / 5MHz / QPSK



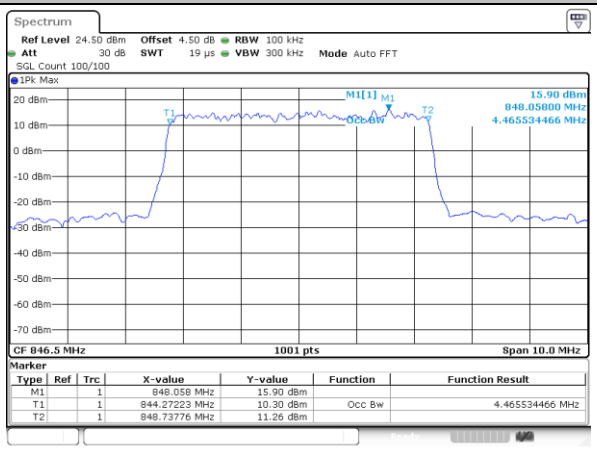
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

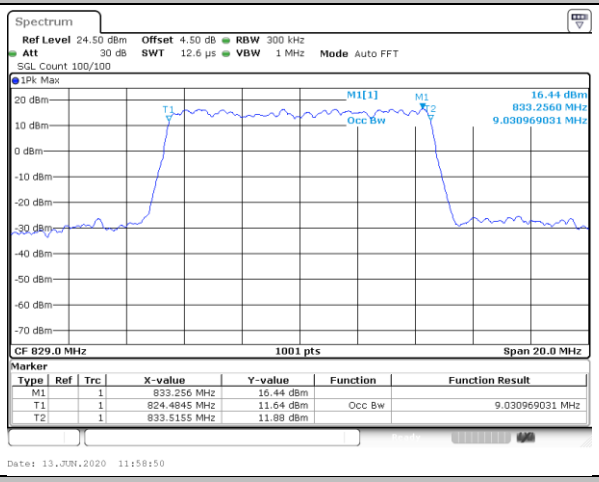


Highest Channel / 5MHz / 16QAM

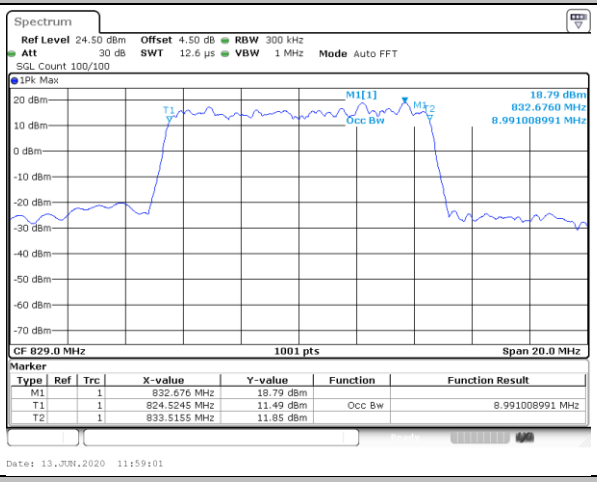


LTE Band 5

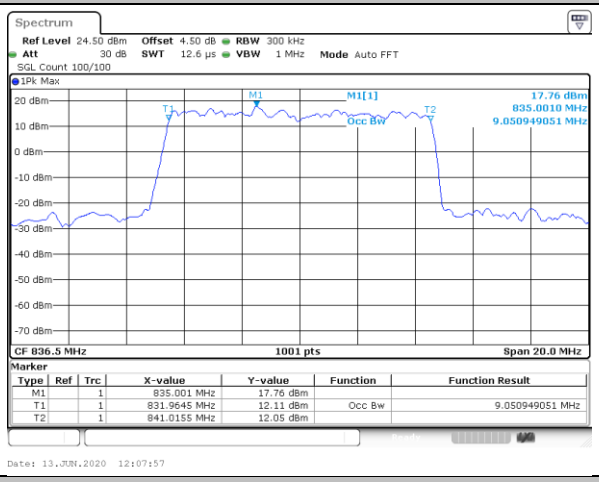
Lowest Channel / 10MHz / QPSK



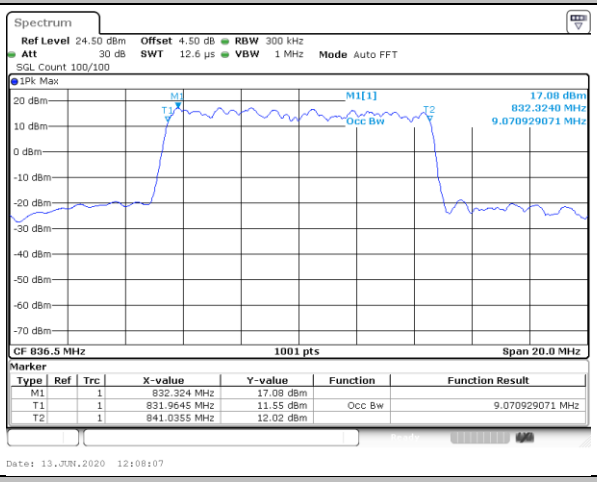
Lowest Channel / 10MHz / 16QAM



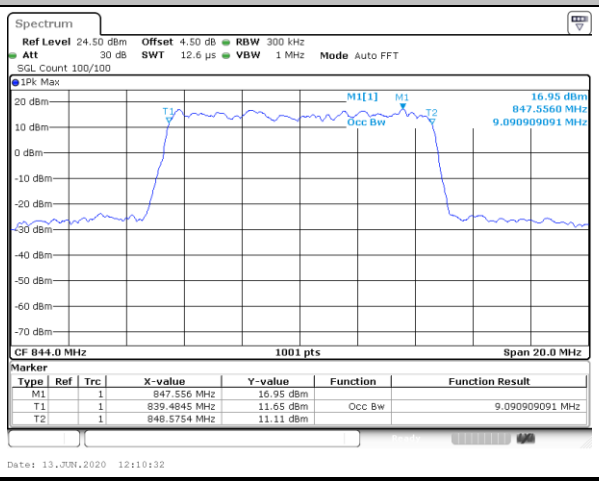
Middle Channel / 10MHz / QPSK



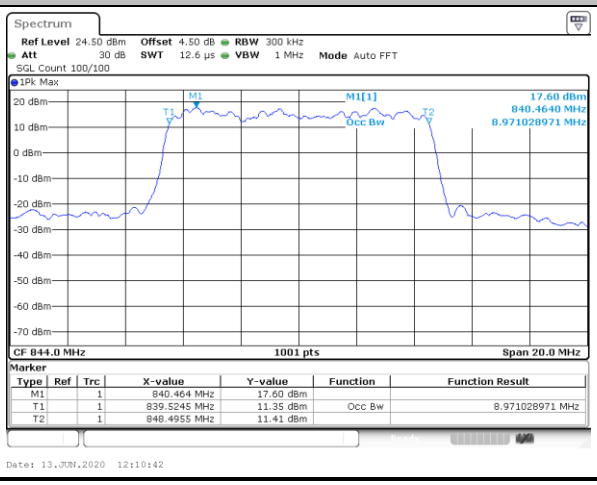
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

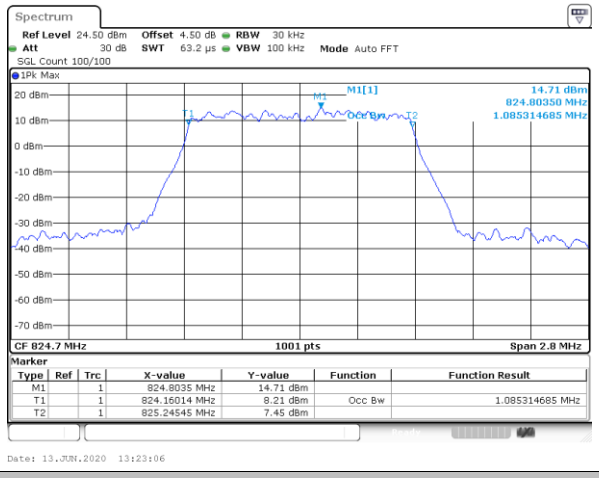


Highest Channel / 10MHz / 16QAM

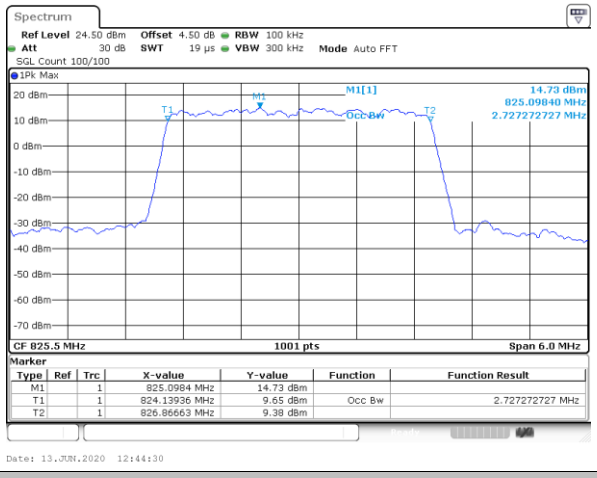


LTE Band 5

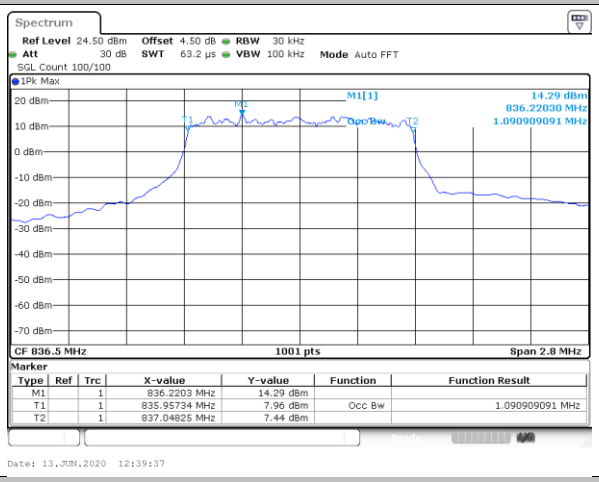
Lowest Channel / 1.4MHz / 64QAM



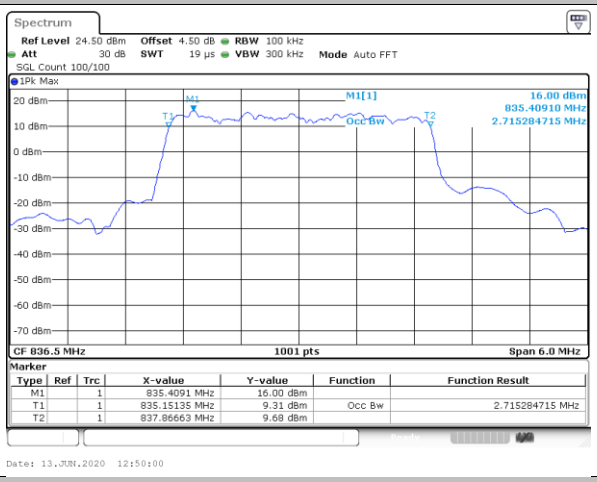
Lowest Channel / 3MHz / 64QAM



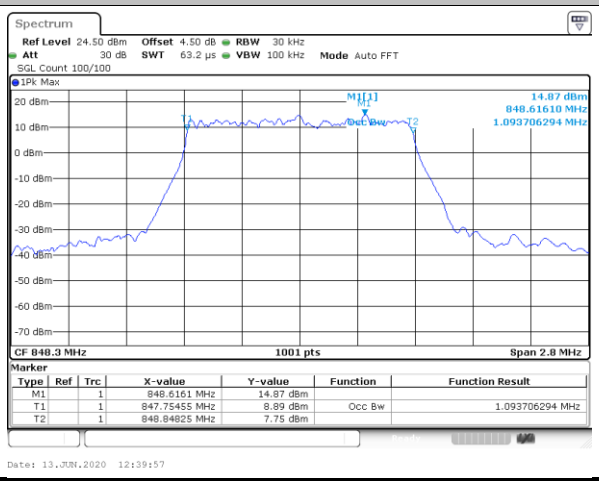
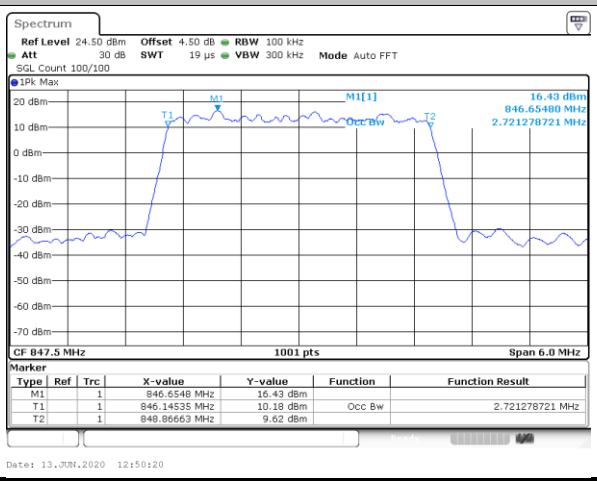
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM