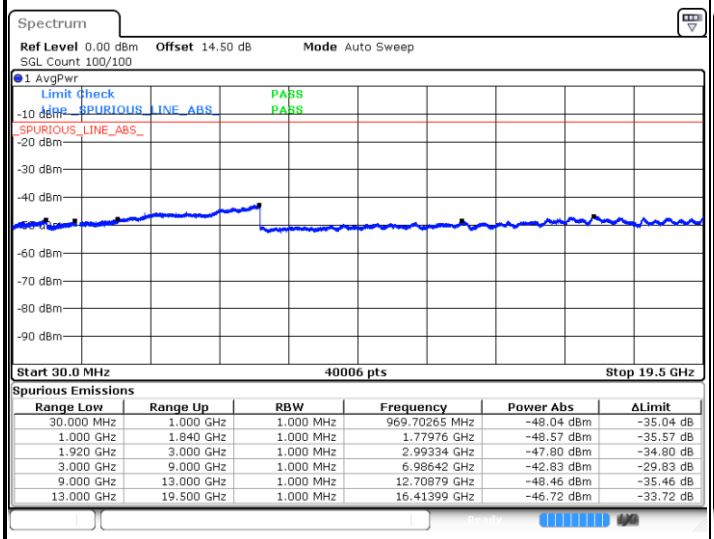
LTE Band 2 / 10MHz

Middle Channel / QPSK

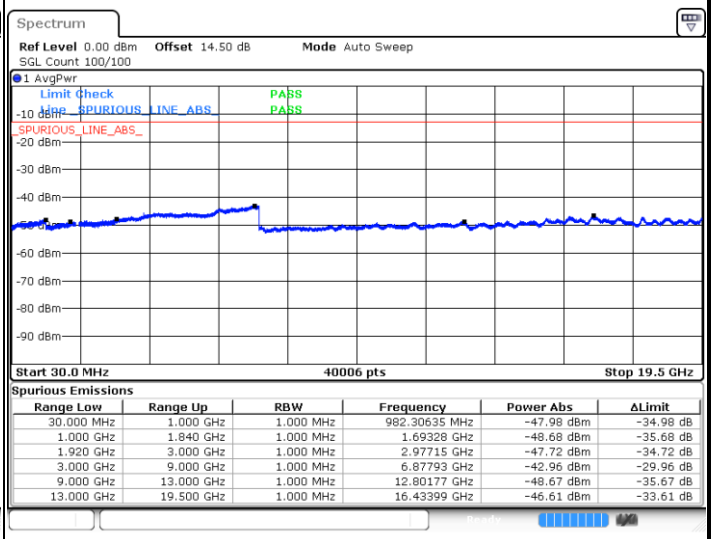


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-48.04 dBm	-35.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77976 GHz	-48.57 dBm	-35.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99334 GHz	-47.80 dBm	-34.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-42.83 dBm	-29.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70879 GHz	-48.46 dBm	-35.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41399 GHz	-46.72 dBm	-33.72 dB

Date: 20.MAY.2021 12:43:04

Middle Channel / 16QAM

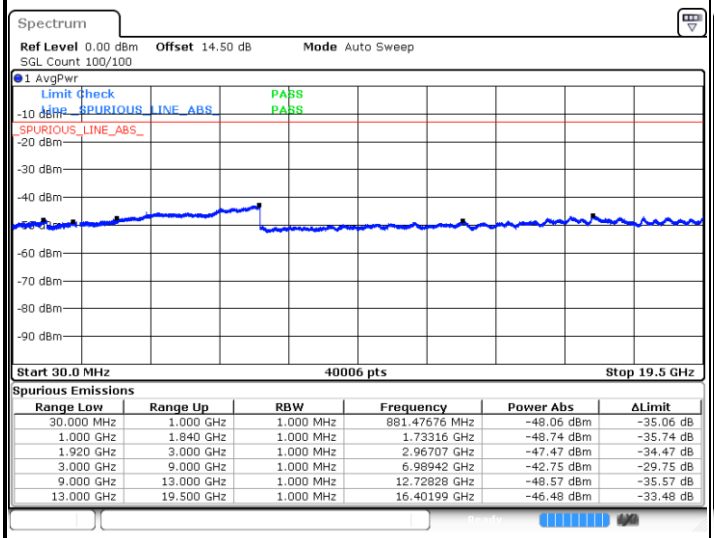


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.98 dBm	-34.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69328 GHz	-48.68 dBm	-35.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97715 GHz	-47.72 dBm	-34.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87793 GHz	-42.96 dBm	-29.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80177 GHz	-48.67 dBm	-35.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.43399 GHz	-46.61 dBm	-33.61 dB

Date: 20.MAY.2021 12:43:52

Highest Channel / QPSK

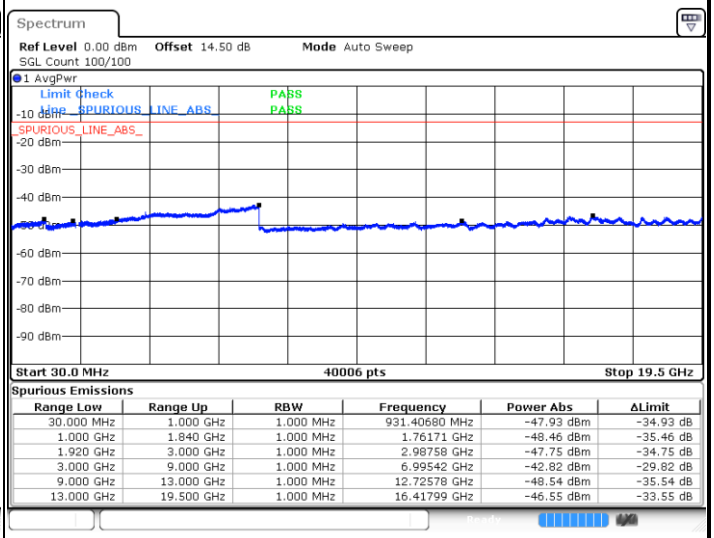


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73316 GHz	-48.74 dBm	-35.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96707 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-42.75 dBm	-29.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72828 GHz	-48.57 dBm	-35.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40199 GHz	-46.48 dBm	-33.48 dB

Date: 20.MAY.2021 12:48:58

Highest Channel / 16QAM



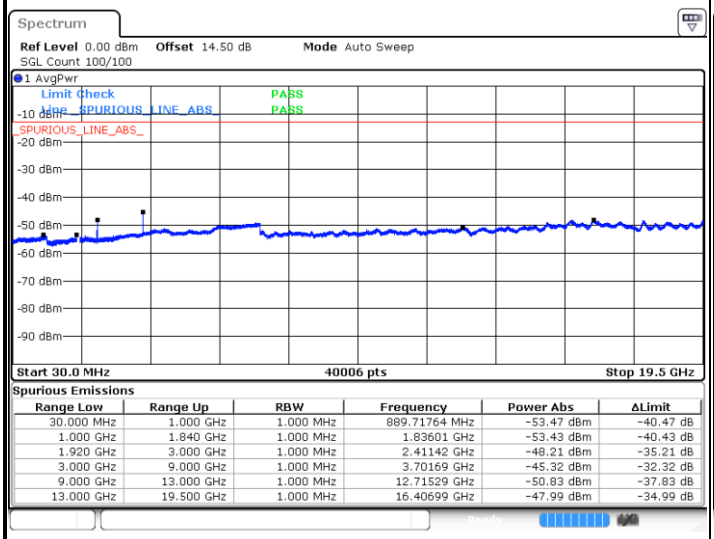
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-47.93 dBm	-34.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76171 GHz	-48.46 dBm	-35.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98758 GHz	-47.75 dBm	-34.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-42.82 dBm	-29.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72578 GHz	-48.54 dBm	-35.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41799 GHz	-46.55 dBm	-33.55 dB

Date: 20.MAY.2021 12:49:45

LTE Band 2 / 15MHz

Lowest Channel / QPSK

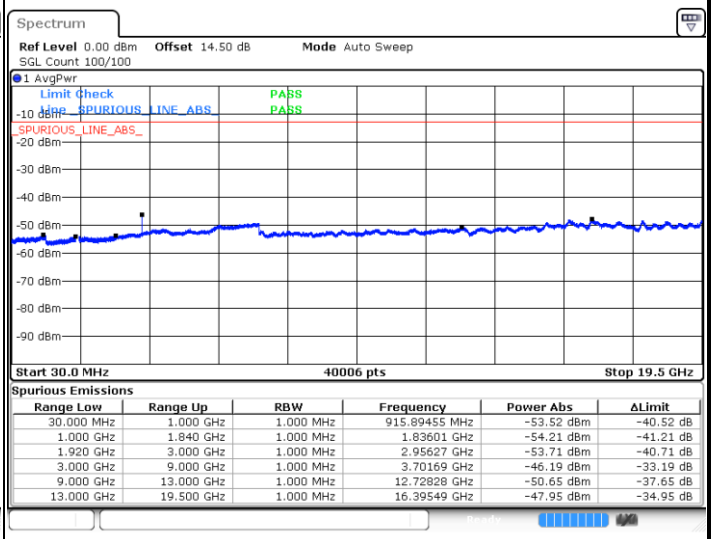


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-53.47 dBm	-40.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-53.43 dBm	-40.43 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.41142 GHz	-48.21 dBm	-35.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.32 dBm	-32.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71529 GHz	-50.83 dBm	-37.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40699 GHz	-47.99 dBm	-34.99 dB

Date: 20.MAY.2021 15:34:35

Lowest Channel / 16QAM

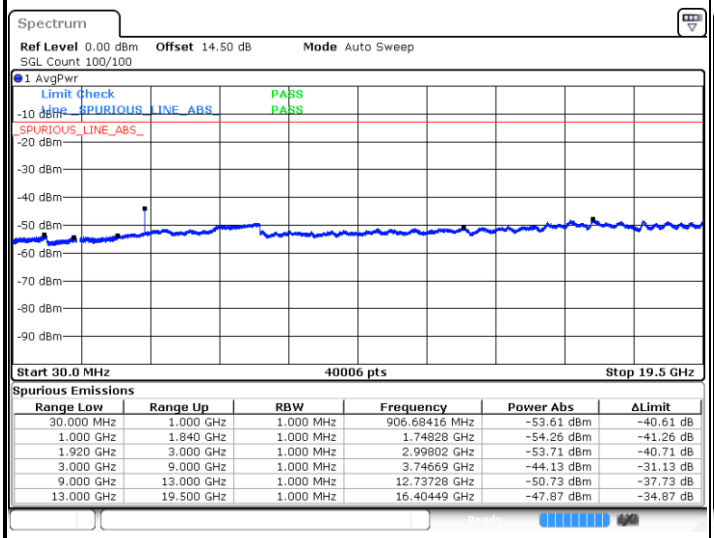


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-53.52 dBm	-40.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-54.21 dBm	-41.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95627 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-46.19 dBm	-33.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72828 GHz	-50.65 dBm	-37.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39549 GHz	-47.95 dBm	-34.95 dB

Date: 20.MAY.2021 13:36:11

Middle Channel / QPSK

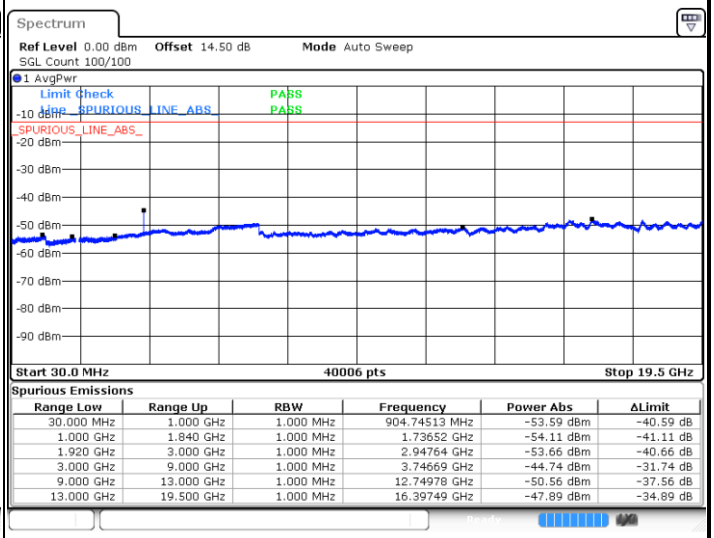


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-53.61 dBm	-40.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74828 GHz	-54.26 dBm	-41.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-44.13 dBm	-31.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73728 GHz	-50.73 dBm	-37.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40449 GHz	-47.87 dBm	-34.87 dB

Date: 20.MAY.2021 13:37:33

Middle Channel / 16QAM



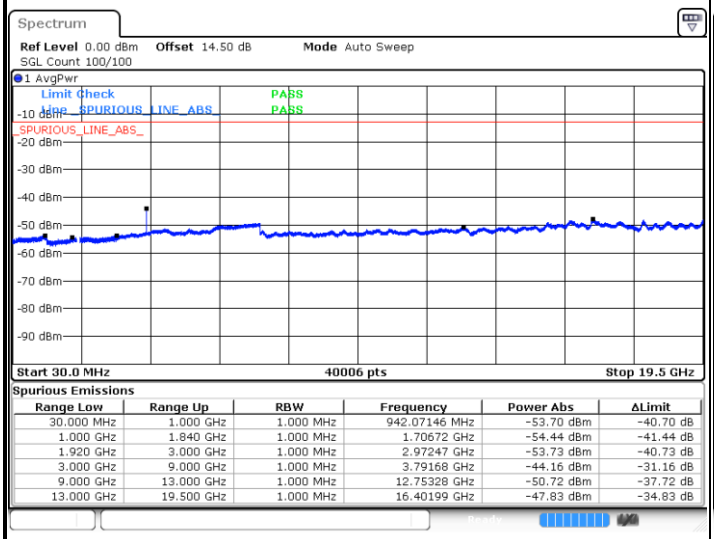
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-53.59 dBm	-40.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73652 GHz	-54.11 dBm	-41.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94764 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-44.74 dBm	-31.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74978 GHz	-50.56 dBm	-37.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39749 GHz	-47.89 dBm	-34.89 dB

Date: 20.MAY.2021 13:38:13

LTE Band 2 / 15MHz

Highest Channel / QPSK

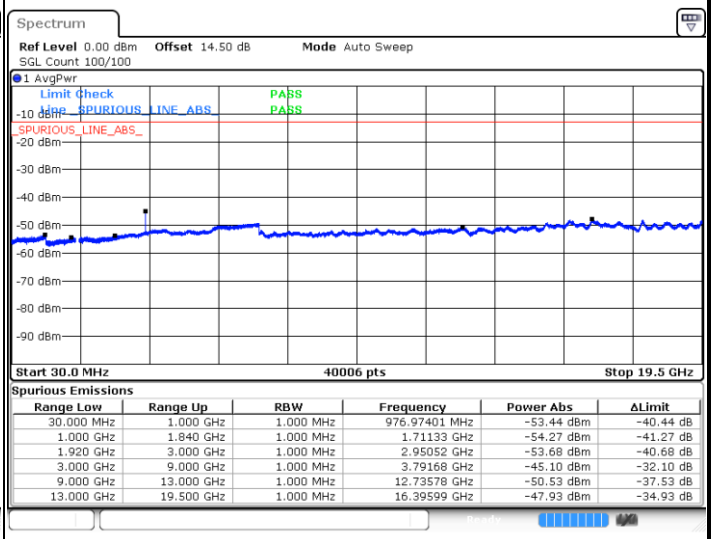


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-53.70 dBm	-40.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70672 GHz	-54.44 dBm	-41.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97247 GHz	-53.73 dBm	-40.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-44.16 dBm	-31.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75328 GHz	-50.72 dBm	-37.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40199 GHz	-47.83 dBm	-34.83 dB

Date: 20.MAY.2021 13:42:51

Highest Channel / 16QAM



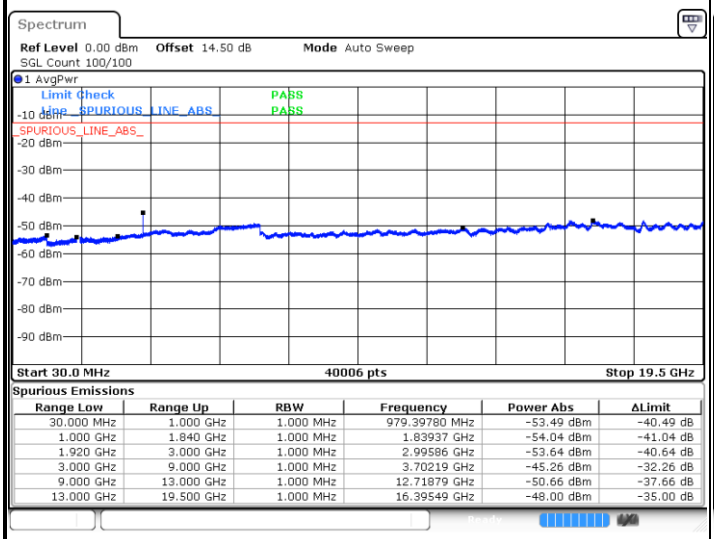
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-53.44 dBm	-40.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.71133 GHz	-54.27 dBm	-41.27 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95052 GHz	-53.68 dBm	-40.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-45.10 dBm	-32.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73578 GHz	-50.53 dBm	-37.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39599 GHz	-47.93 dBm	-34.93 dB

Date: 20.MAY.2021 13:43:30

LTE Band 2 / 20MHz

Lowest Channel / QPSK

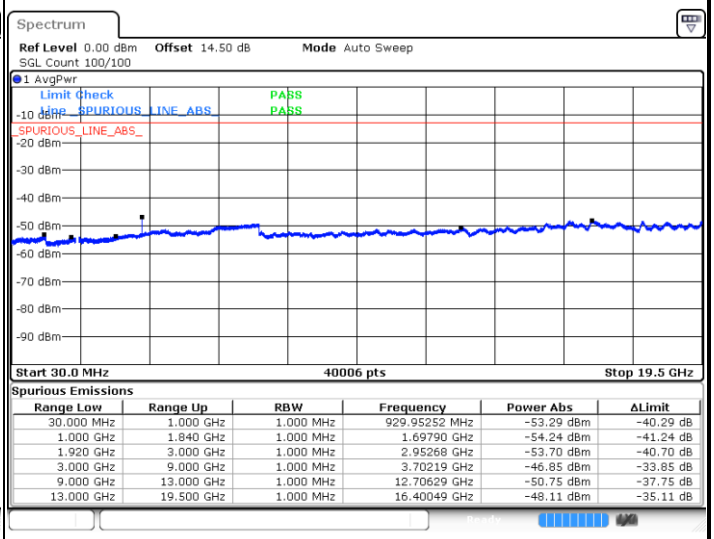


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-53.49 dBm	-40.49 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-54.04 dBm	-41.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-45.26 dBm	-32.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71879 GHz	-50.66 dBm	-37.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39549 GHz	-48.00 dBm	-35.00 dB

Date: 20.MAY.2021 13:48:09

Lowest Channel / 16QAM



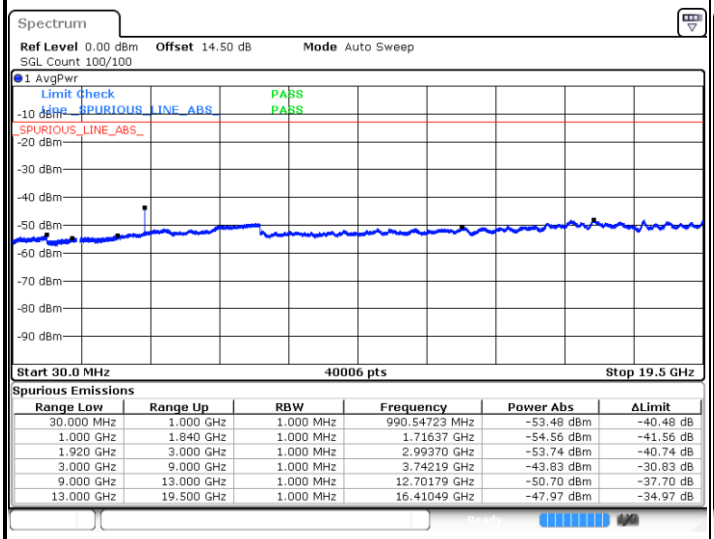
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-53.29 dBm	-40.29 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69790 GHz	-54.24 dBm	-41.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95268 GHz	-53.70 dBm	-40.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.85 dBm	-33.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-50.75 dBm	-37.75 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40049 GHz	-48.11 dBm	-35.11 dB

Date: 20.MAY.2021 13:48:48

LTE Band 2 / 20MHz

Middle Channel / QPSK

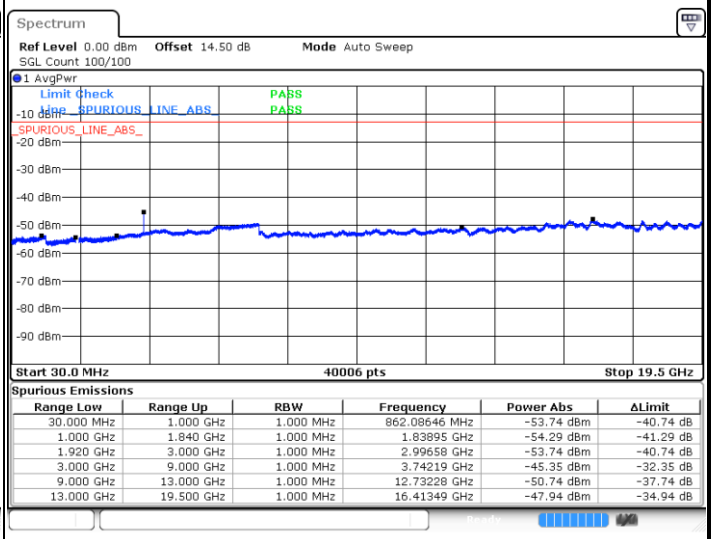


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.71637 GHz	-54.56 dBm	-41.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-53.74 dBm	-40.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-43.83 dBm	-30.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70179 GHz	-50.70 dBm	-37.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41049 GHz	-47.97 dBm	-34.97 dB

Date: 20.MAY.2021 13:50:11

Middle Channel / 16QAM

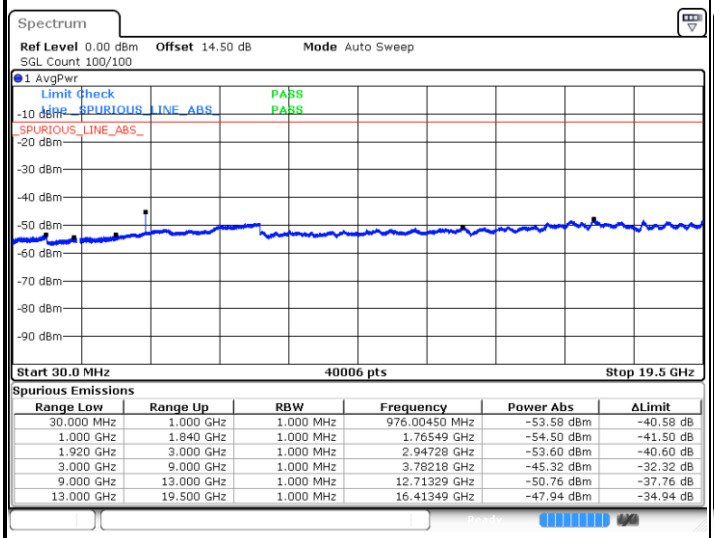


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.08646 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-54.29 dBm	-41.29 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99658 GHz	-53.74 dBm	-40.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-45.35 dBm	-32.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73228 GHz	-50.74 dBm	-37.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41349 GHz	-47.94 dBm	-34.94 dB

Date: 20.MAY.2021 13:50:50

Highest Channel / QPSK

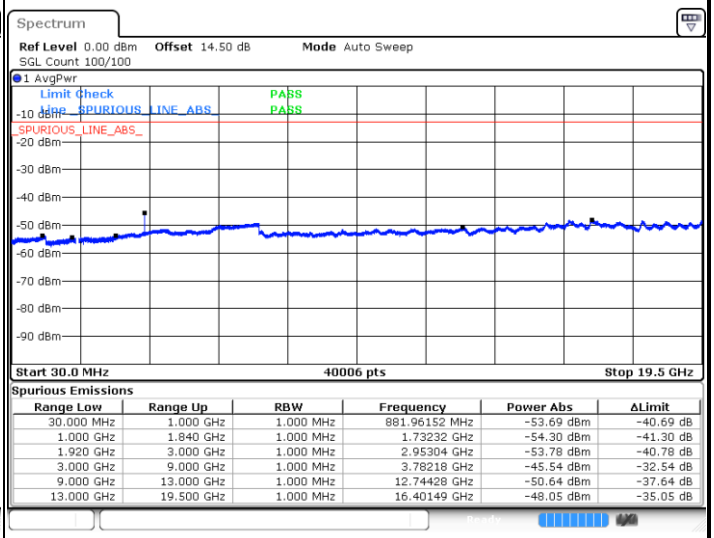


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-53.58 dBm	-40.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76549 GHz	-54.50 dBm	-41.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94728 GHz	-53.60 dBm	-40.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-45.32 dBm	-32.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71329 GHz	-50.76 dBm	-37.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41349 GHz	-47.94 dBm	-34.94 dB

Date: 20.MAY.2021 13:55:29

Highest Channel / 16QAM



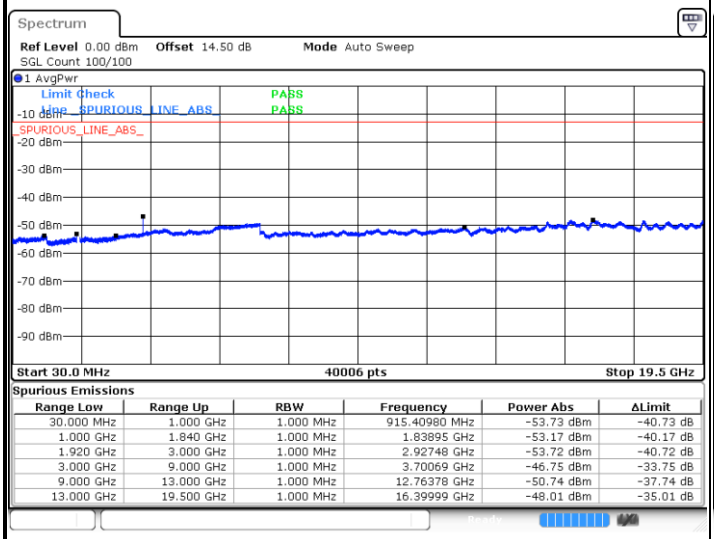
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73232 GHz	-54.30 dBm	-41.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95304 GHz	-53.78 dBm	-40.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-45.54 dBm	-32.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74428 GHz	-50.64 dBm	-37.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40149 GHz	-48.05 dBm	-35.05 dB

Date: 20.MAY.2021 13:56:08

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

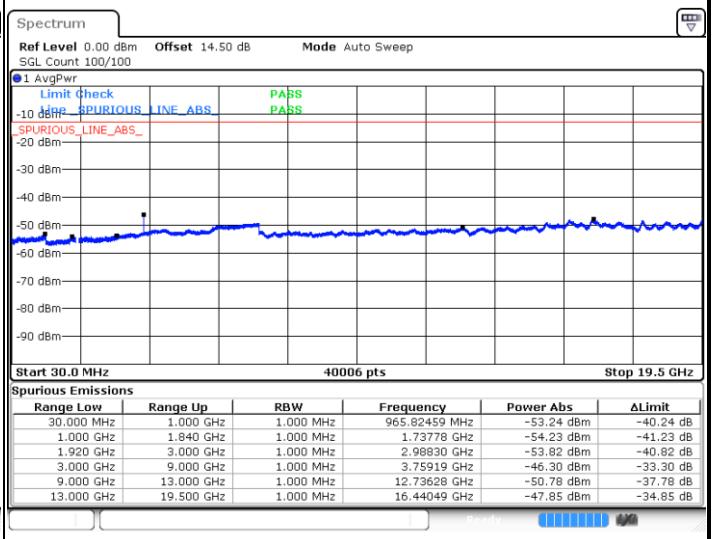


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-53.73 dBm	-40.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-53.17 dBm	-40.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.92748 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-46.75 dBm	-33.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.76378 GHz	-50.74 dBm	-37.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39999 GHz	-48.01 dBm	-35.01 dB

Date: 20.MAY.2021 11:47:44

Middle Channel / 64QAM

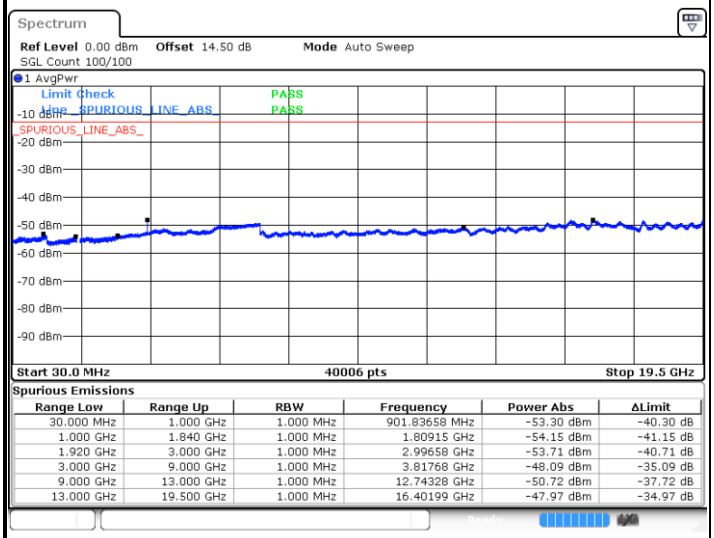


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-53.24 dBm	-40.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73778 GHz	-54.23 dBm	-41.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98830 GHz	-53.82 dBm	-40.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75919 GHz	-46.30 dBm	-33.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73628 GHz	-50.78 dBm	-37.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.44049 GHz	-47.85 dBm	-34.85 dB

Date: 20.MAY.2021 11:48:52

Highest Channel / 64QAM



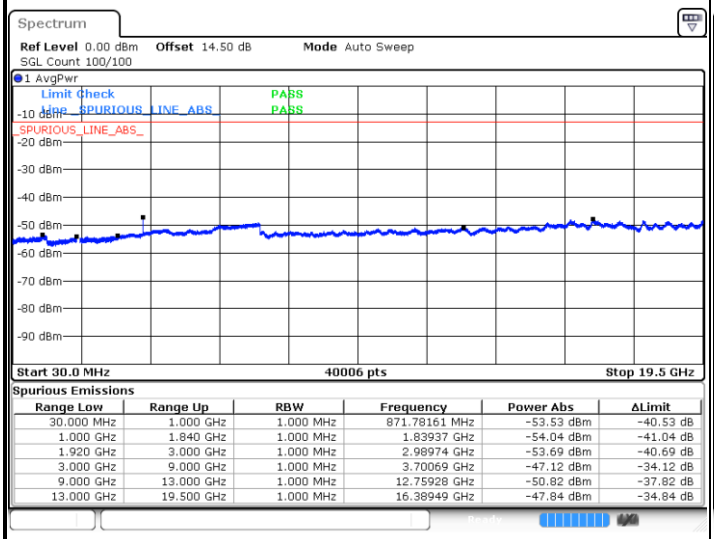
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-53.30 dBm	-40.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80915 GHz	-54.15 dBm	-41.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99658 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-48.09 dBm	-35.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74328 GHz	-50.72 dBm	-37.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40199 GHz	-47.97 dBm	-34.97 dB

Date: 20.MAY.2021 11:52:12

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

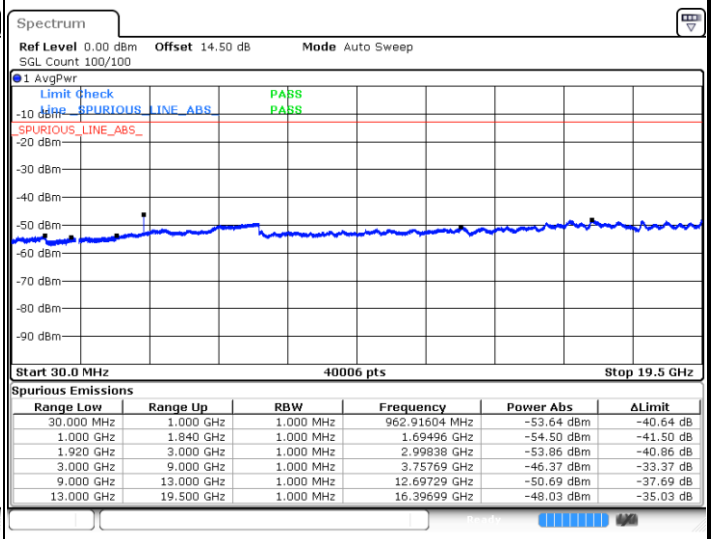


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-53.53 dBm	-40.53 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-54.04 dBm	-41.04 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.12 dBm	-34.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75928 GHz	-50.82 dBm	-37.82 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.38949 GHz	-47.84 dBm	-34.84 dB

Date: 20.MAY.2021 13:58:47

Middle Channel / 64QAM

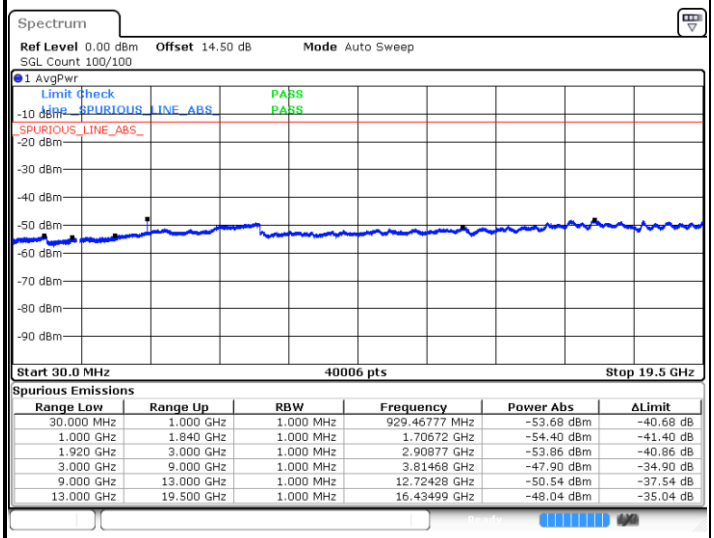


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-53.64 dBm	-40.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.69496 GHz	-54.50 dBm	-41.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-53.86 dBm	-40.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-46.37 dBm	-33.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69729 GHz	-50.69 dBm	-37.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39699 GHz	-48.03 dBm	-35.03 dB

Date: 20.MAY.2021 13:59:48

Highest Channel / 64QAM



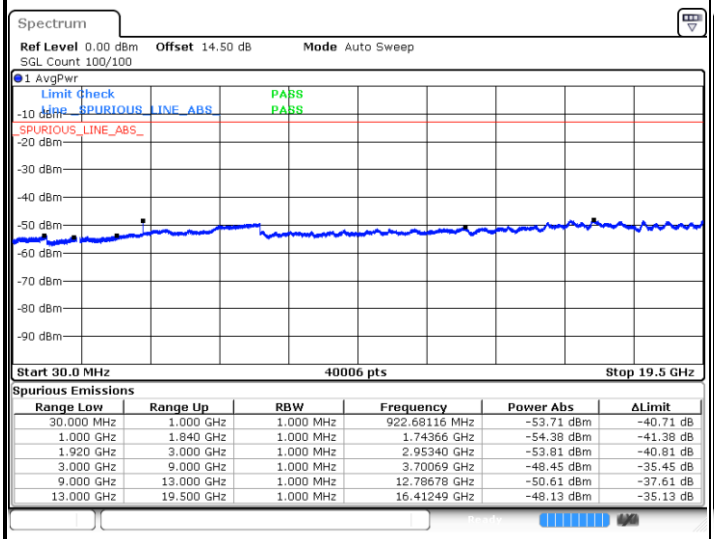
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.70672 GHz	-54.40 dBm	-41.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.90877 GHz	-53.86 dBm	-40.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81468 GHz	-47.90 dBm	-34.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72428 GHz	-50.54 dBm	-37.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.43499 GHz	-48.04 dBm	-35.04 dB

Date: 20.MAY.2021 14:02:27

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

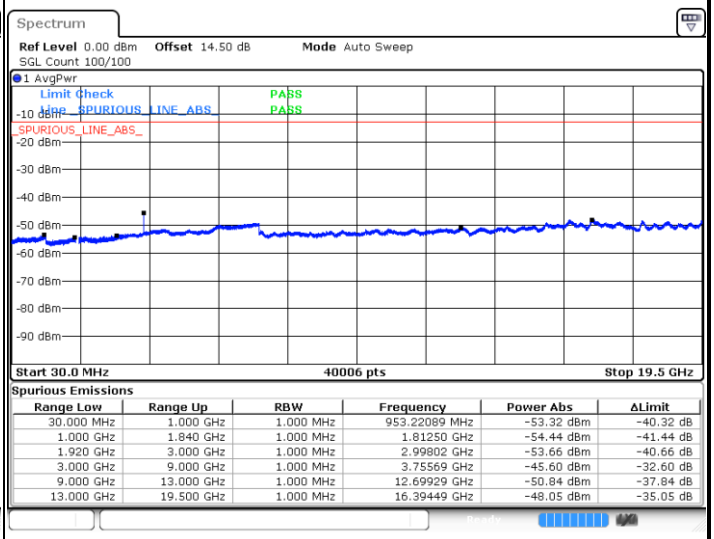


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-53.71 dBm	-40.71 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74366 GHz	-54.38 dBm	-41.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95340 GHz	-53.81 dBm	-40.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-48.45 dBm	-35.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.78678 GHz	-50.61 dBm	-37.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41249 GHz	-48.13 dBm	-35.13 dB

Date: 20.MAY.2021 14:05:06

Middle Channel / 64QAM

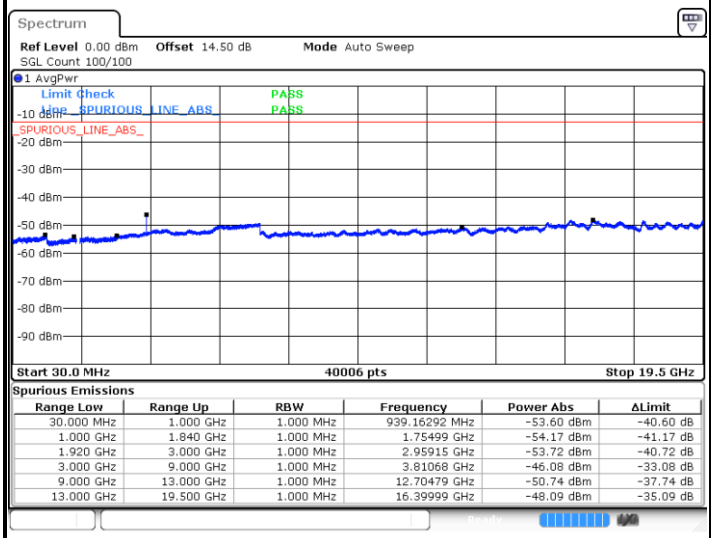


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-53.32 dBm	-40.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-54.44 dBm	-41.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-45.60 dBm	-32.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69929 GHz	-50.84 dBm	-37.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39449 GHz	-48.05 dBm	-35.05 dB

Date: 20.MAY.2021 14:06:07

Highest Channel / 64QAM



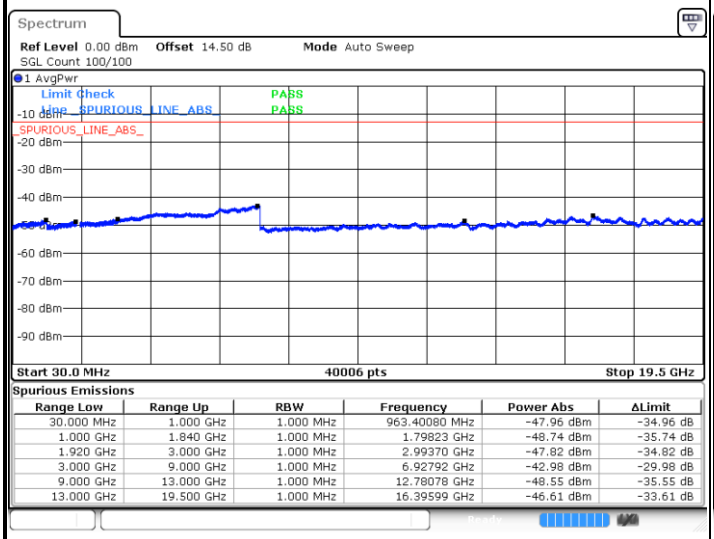
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.16292 MHz	-53.60 dBm	-40.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75499 GHz	-54.17 dBm	-41.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95915 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-46.08 dBm	-33.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-50.74 dBm	-37.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39999 GHz	-48.09 dBm	-35.09 dB

Date: 20.MAY.2021 14:08:46

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

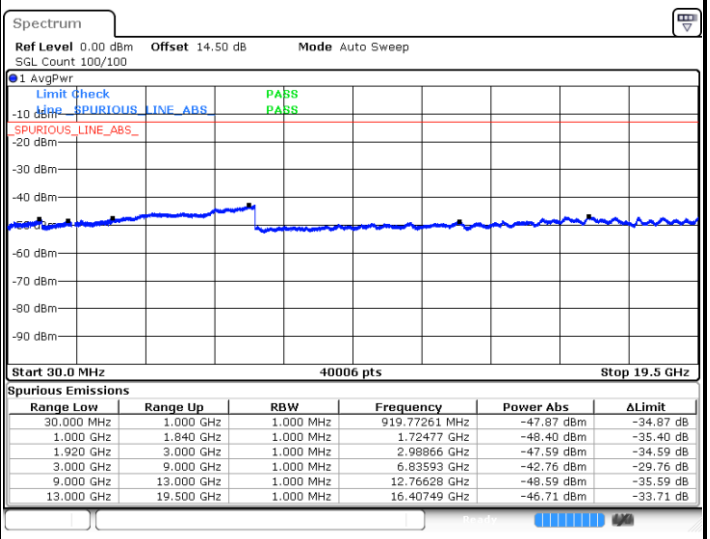


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-47.96 dBm	-34.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79823 GHz	-48.74 dBm	-35.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99370 GHz	-47.82 dBm	-34.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92792 GHz	-42.98 dBm	-29.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.78078 GHz	-48.55 dBm	-35.55 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39599 GHz	-46.61 dBm	-33.61 dB

Date: 20.MAY.2021 14:11:25

Middle Channel / 64QAM

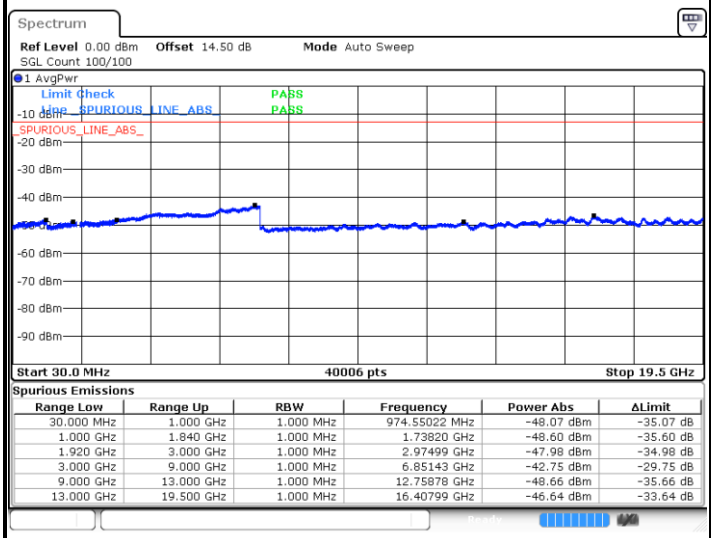


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-47.87 dBm	-34.87 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72477 GHz	-48.40 dBm	-35.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98866 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83593 GHz	-42.76 dBm	-29.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.76628 GHz	-48.59 dBm	-35.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40749 GHz	-46.71 dBm	-33.71 dB

Date: 20.MAY.2021 14:12:26

Highest Channel / 64QAM



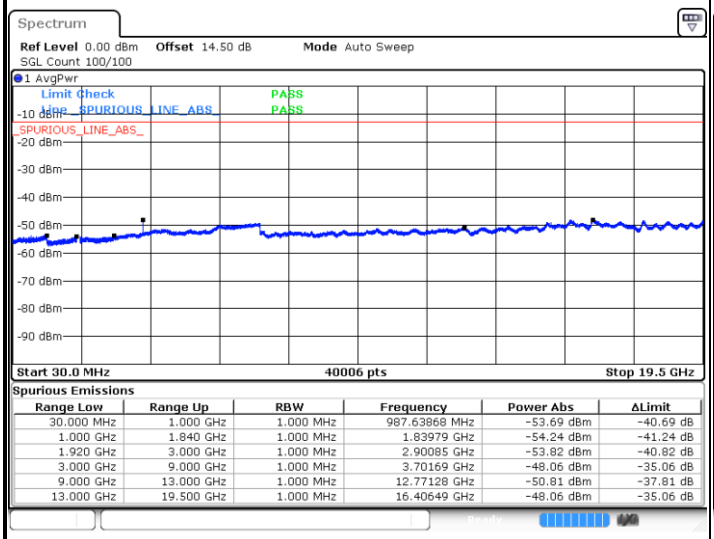
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-48.07 dBm	-35.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73820 GHz	-48.60 dBm	-35.60 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97499 GHz	-47.98 dBm	-34.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85143 GHz	-42.75 dBm	-29.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75878 GHz	-48.66 dBm	-35.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40799 GHz	-46.64 dBm	-33.64 dB

Date: 20.MAY.2021 14:15:05

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

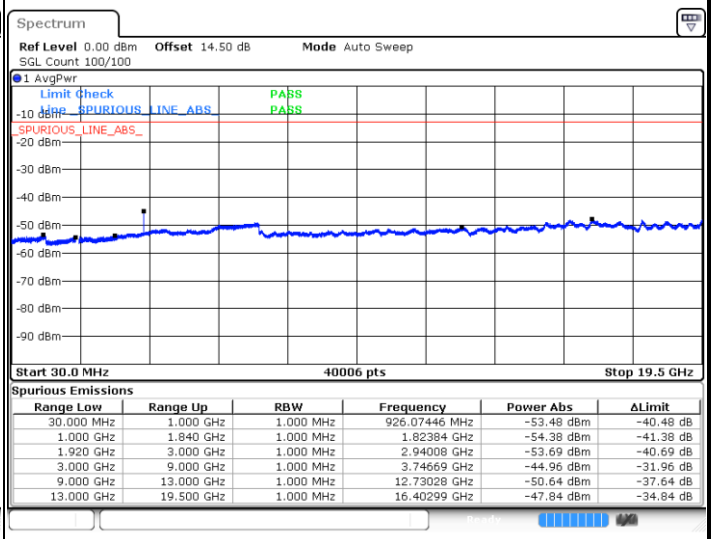


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-53.69 dBm	-40.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.24 dBm	-41.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.90085 GHz	-53.82 dBm	-40.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-48.06 dBm	-35.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.77128 GHz	-50.81 dBm	-37.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40649 GHz	-48.06 dBm	-35.06 dB

Date: 20.MAY.2021 14:48:09

Middle Channel / 64QAM

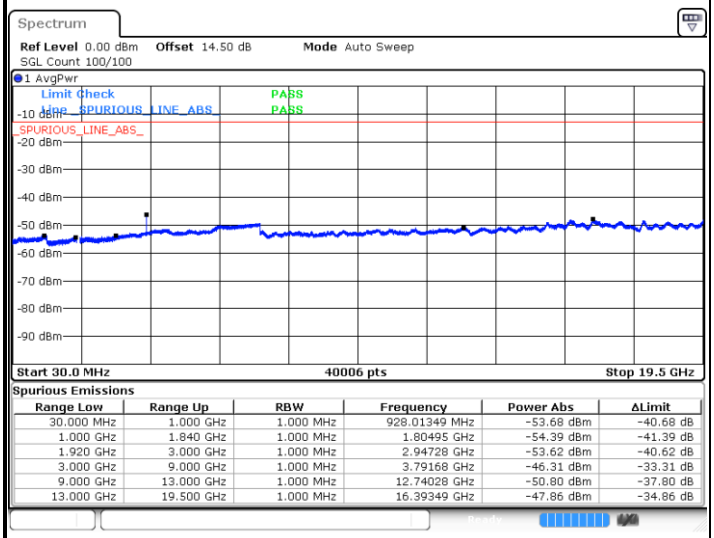


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-53.48 dBm	-40.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82384 GHz	-54.38 dBm	-41.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94008 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-44.96 dBm	-31.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73028 GHz	-50.64 dBm	-37.64 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.40299 GHz	-47.84 dBm	-34.84 dB

Date: 20.MAY.2021 14:49:11

Highest Channel / 64QAM



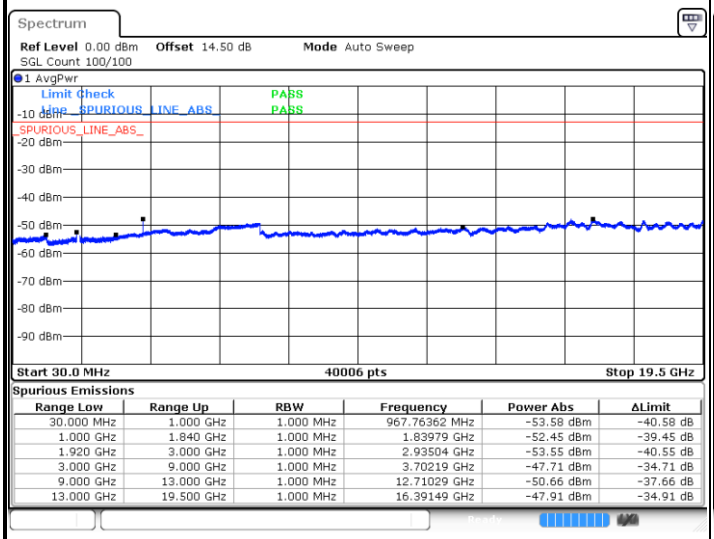
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.68 dBm	-40.68 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80495 GHz	-54.39 dBm	-41.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94728 GHz	-53.62 dBm	-40.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-46.31 dBm	-33.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74028 GHz	-50.80 dBm	-37.80 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39349 GHz	-47.86 dBm	-34.86 dB

Date: 20.MAY.2021 14:51:49

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

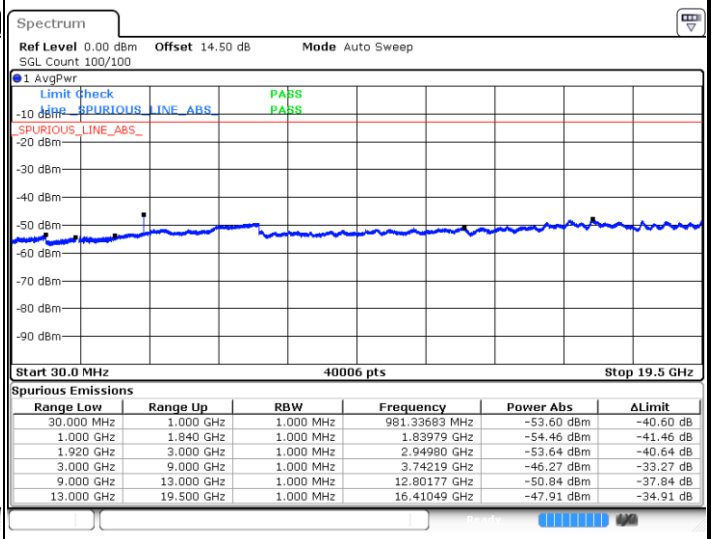


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-53.58 dBm	-40.58 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-52.45 dBm	-39.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93504 GHz	-53.55 dBm	-40.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-47.71 dBm	-34.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71029 GHz	-50.66 dBm	-37.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39149 GHz	-47.91 dBm	-34.91 dB

Date: 20.MAY.2021 14:54:28

Middle Channel / 64QAM

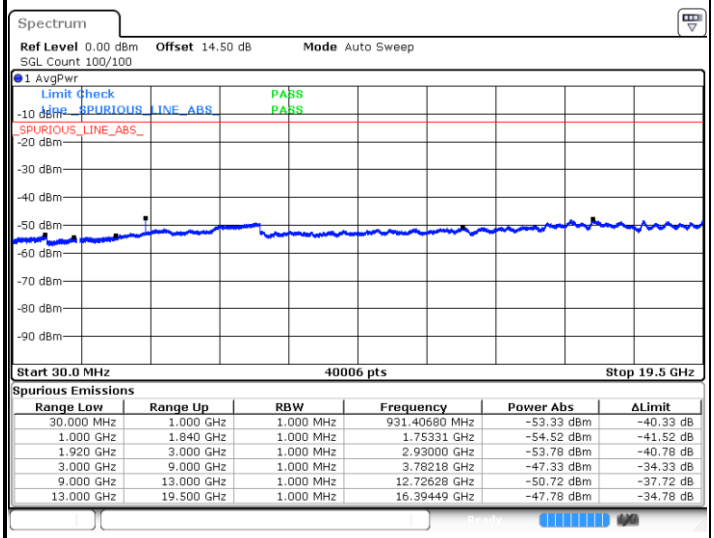


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-53.60 dBm	-40.60 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.46 dBm	-41.46 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94980 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-46.27 dBm	-33.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80177 GHz	-50.84 dBm	-37.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.41049 GHz	-47.91 dBm	-34.91 dB

Date: 20.MAY.2021 14:55:29

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-53.33 dBm	-40.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75331 GHz	-54.52 dBm	-41.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93000 GHz	-53.78 dBm	-40.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-47.33 dBm	-34.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72628 GHz	-50.72 dBm	-37.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.39449 GHz	-47.78 dBm	-34.78 dB

Date: 20.MAY.2021 14:58:08

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	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0092	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0086	
-30	Normal Voltage	0.0093	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.51 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

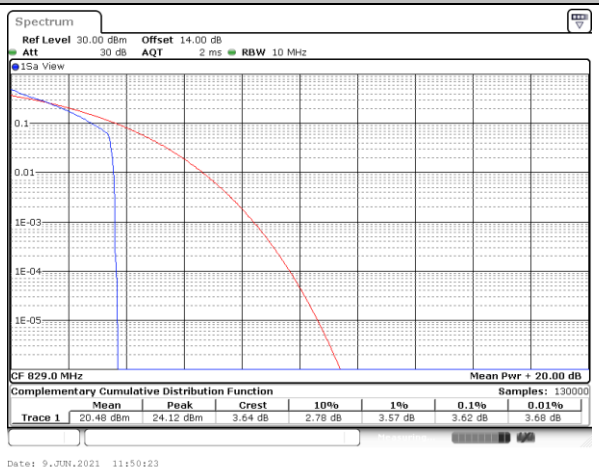
LTE Band 5

Peak-to-Average Ratio

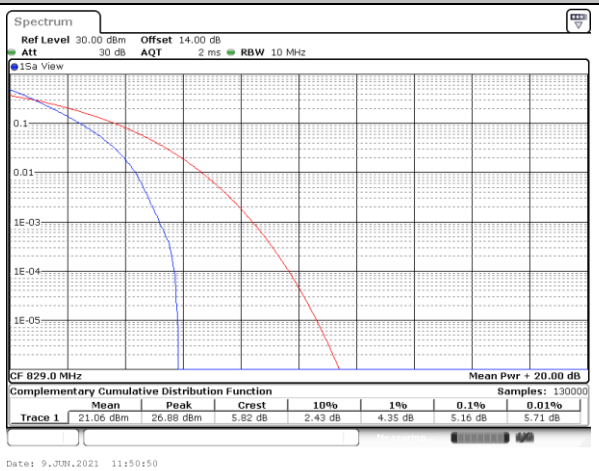
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	5.16	5.68	5.94	PASS
Middle CH	3.59	5.01	5.54	6.00	
Highest CH	3.62	5.04	5.30	5.97	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	7.10	6.58	-	-	PASS
Middle CH	6.55	6.41	-	-	
Highest CH	6.43	6.43	-	-	

LTE Band 5 / 10MHz / QPSK

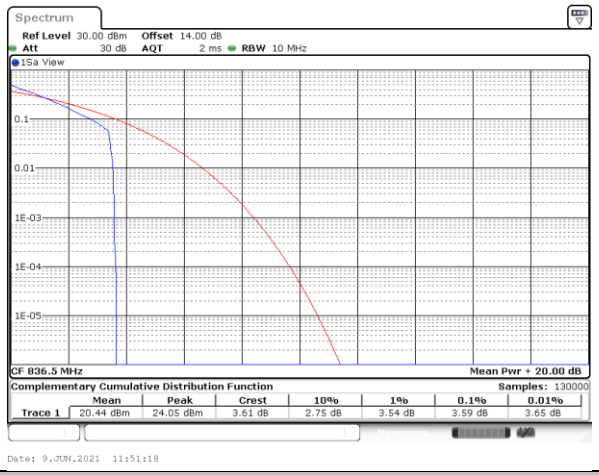
Lowest Channel / 1RB



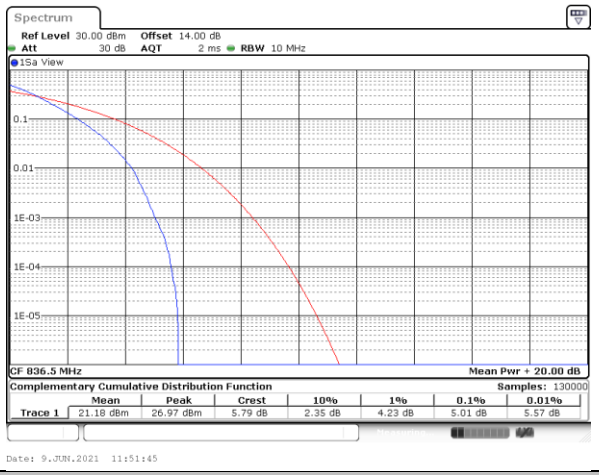
Lowest Channel / Full RB



Middle Channel / 1RB

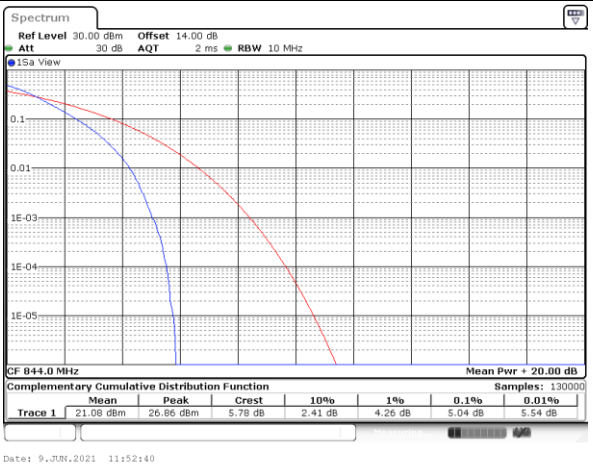


Middle Channel / Full RB



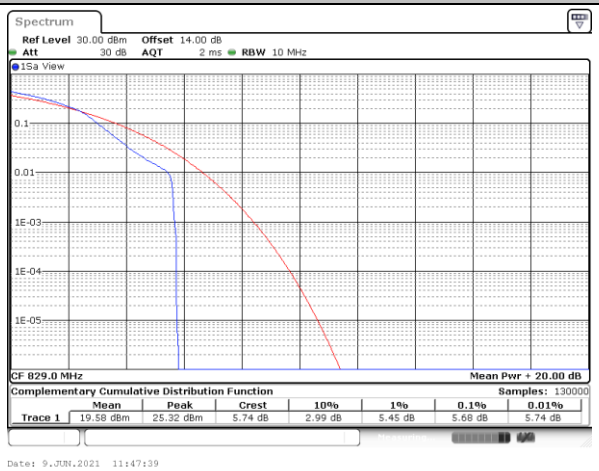
Highest Channel / 1RB

Highest Channel / Full RB

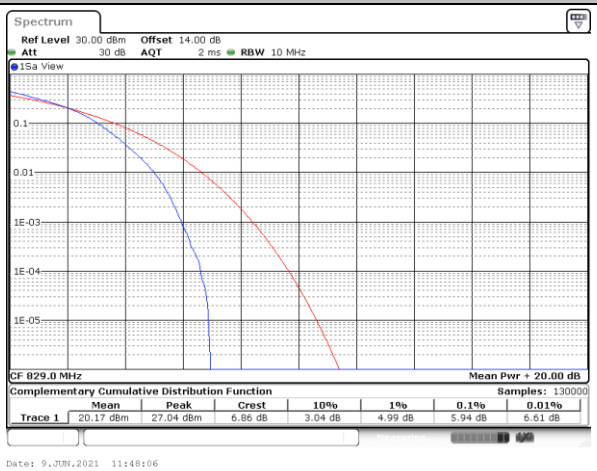


LTE Band 5 / 10MHz / 16QAM

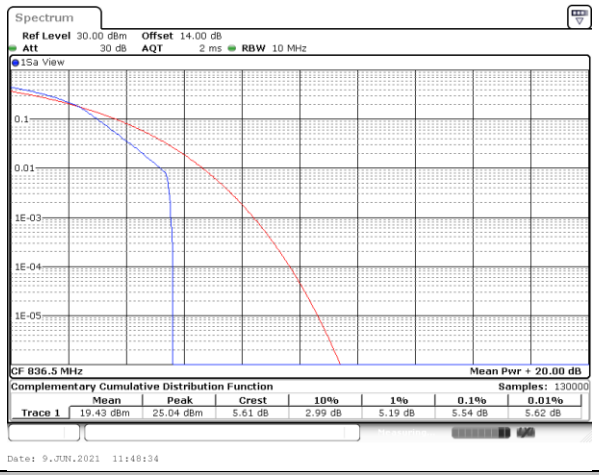
Lowest Channel / 1RB



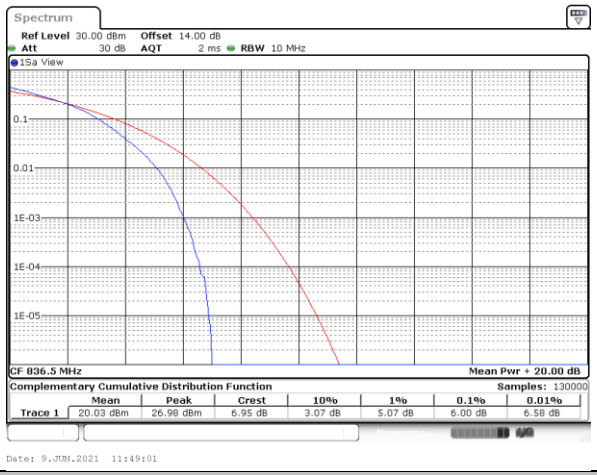
Lowest Channel / Full RB



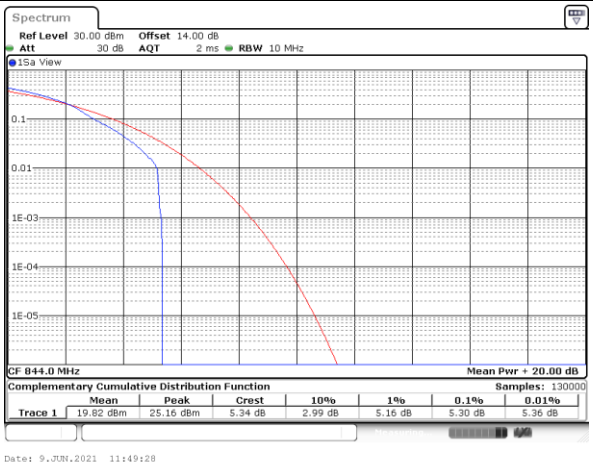
Middle Channel / 1RB



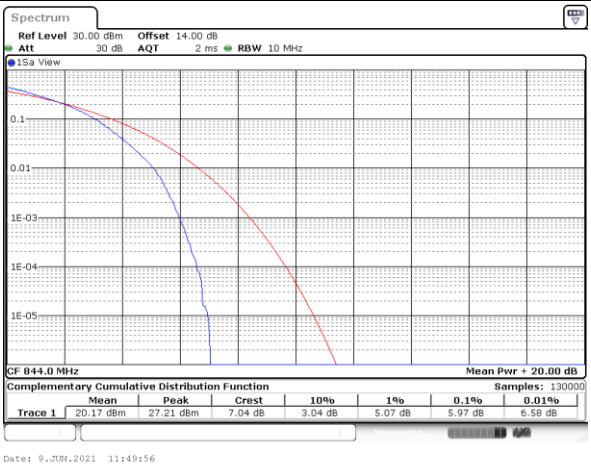
Middle Channel / Full RB



Highest Channel / 1RB

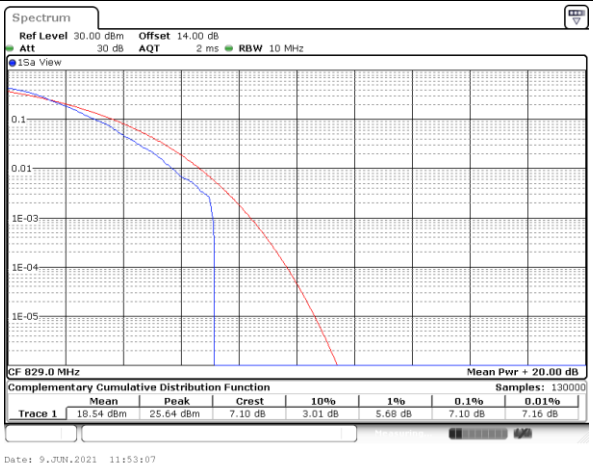


Highest Channel / Full RB

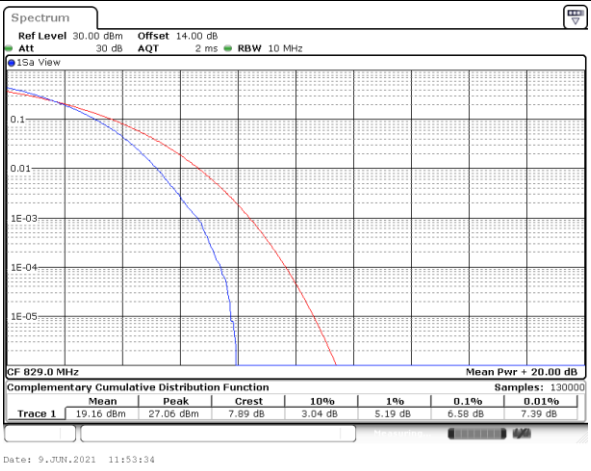


LTE Band 5 / 10MHz / 64QAM

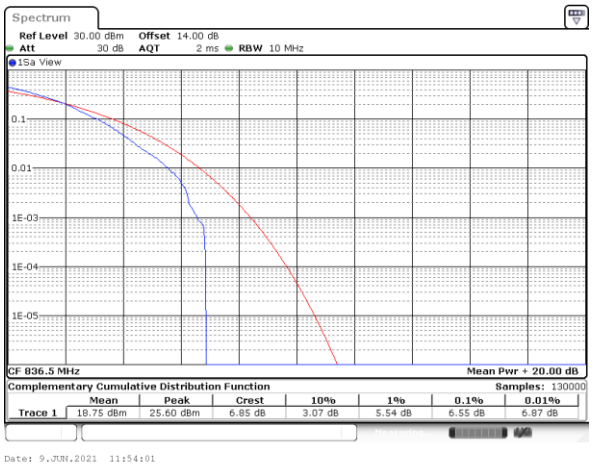
Lowest Channel / 1RB



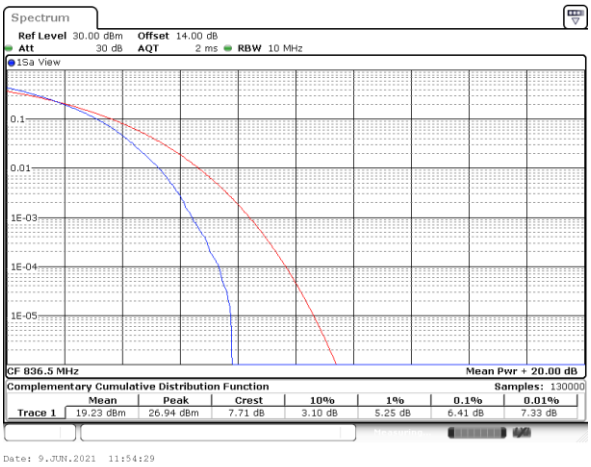
Lowest Channel / Full RB



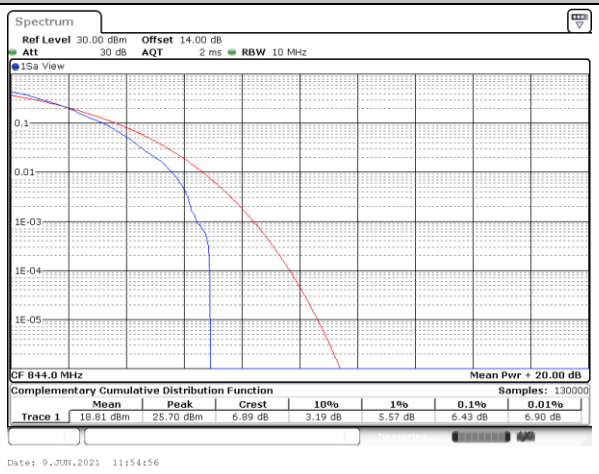
Middle Channel / 1RB



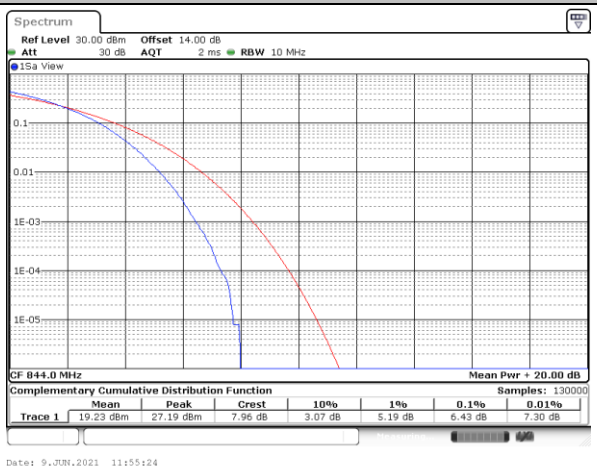
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

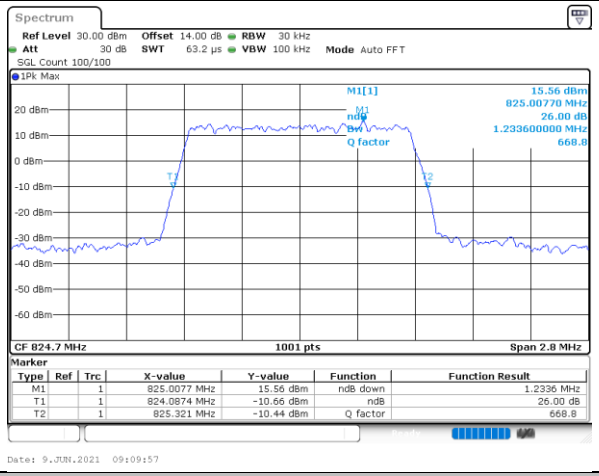


26dB Bandwidth

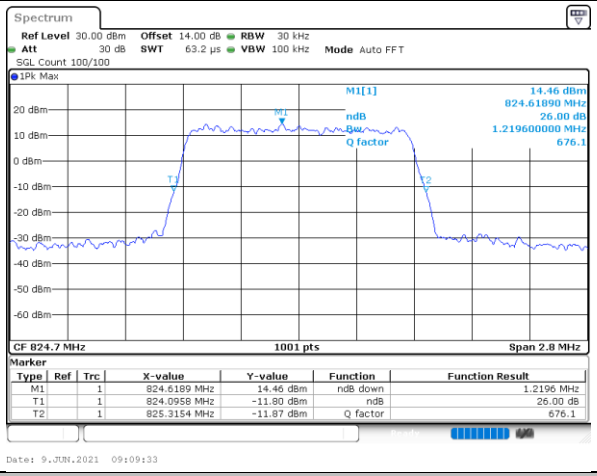
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.22	3.04	3.03	4.91	4.87	9.87	9.85	-	-	-	-
Middle CH	1.24	1.22	3.02	3.02	4.88	4.89	9.79	9.63	-	-	-	-
Highest CH	1.22	1.24	3.03	2.99	4.97	4.89	9.83	9.85	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.24	-	3.02	-	4.84	-	9.73	-	-	-	-	-
Middle CH	1.23	-	3.02	-	4.94	-	9.81	-	-	-	-	-
Highest CH	1.24	-	3.00	-	4.91	-	9.71	-	-	-	-	-

LTE Band 5

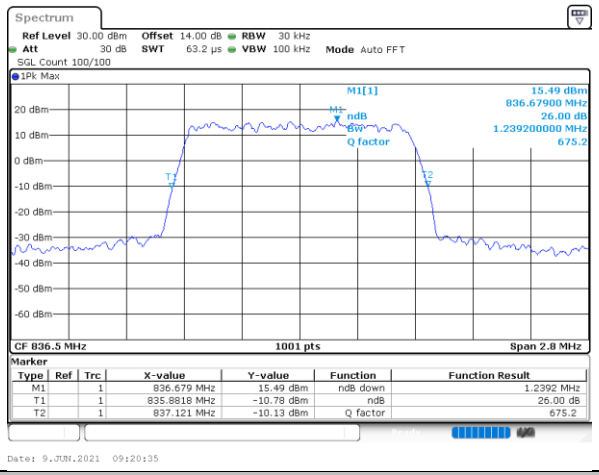
Lowest Channel / 1.4MHz / QPSK



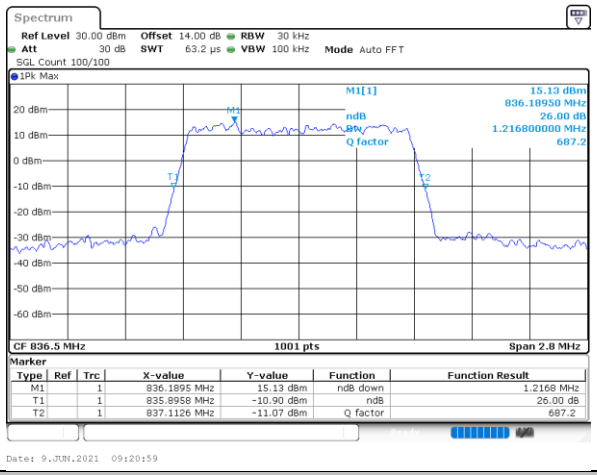
Lowest Channel / 1.4MHz / 16QAM



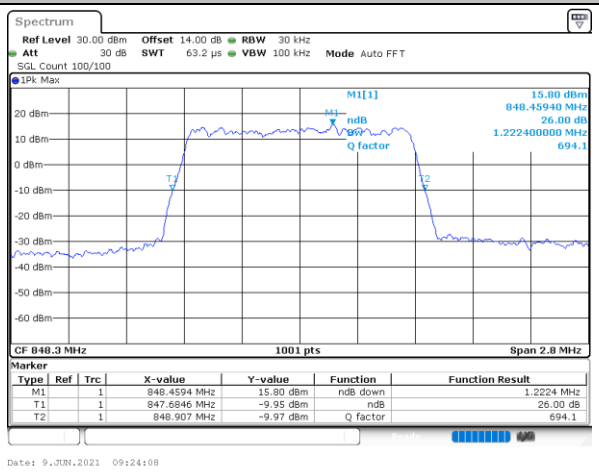
Middle Channel / 1.4MHz / QPSK



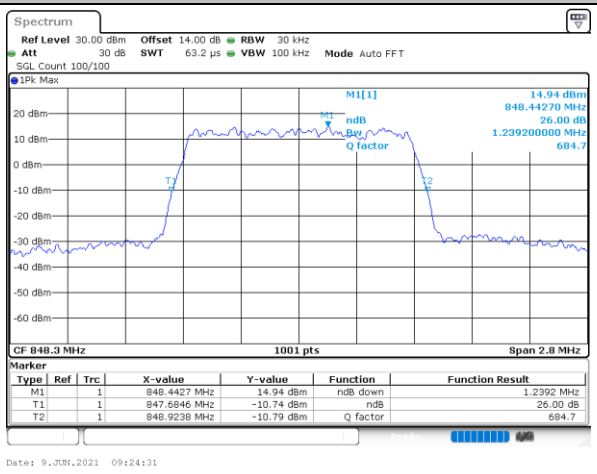
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

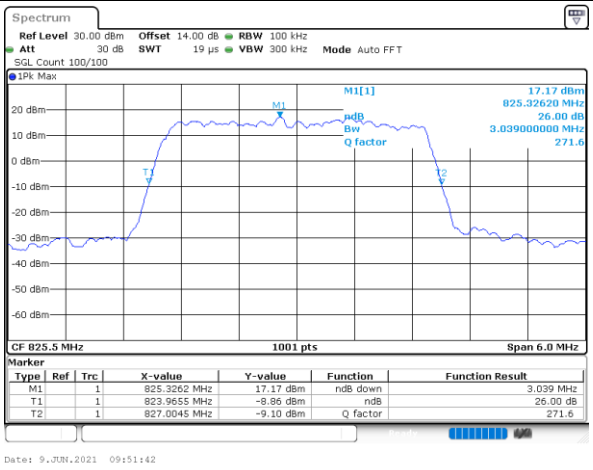


Highest Channel / 1.4MHz / 16QAM

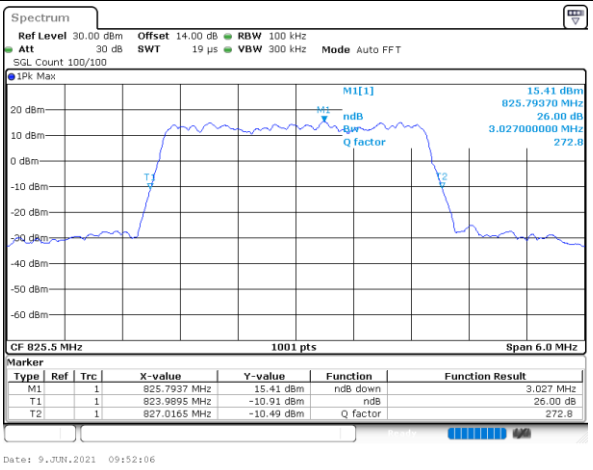


LTE Band 5

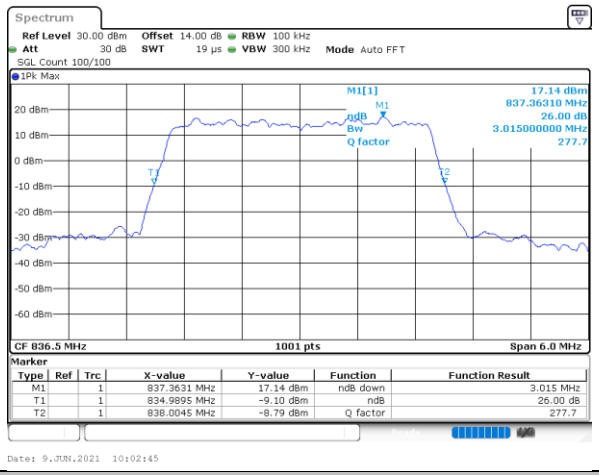
Lowest Channel / 3MHz / QPSK



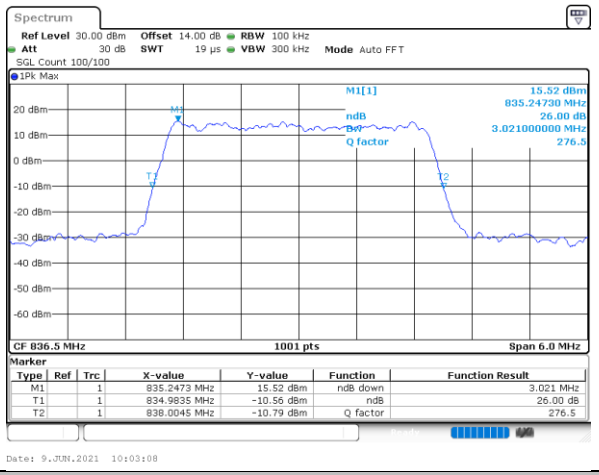
Lowest Channel / 3MHz / 16QAM



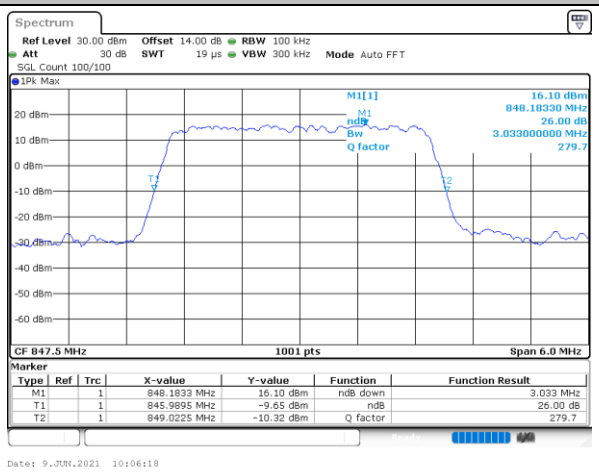
Middle Channel / 3MHz / QPSK



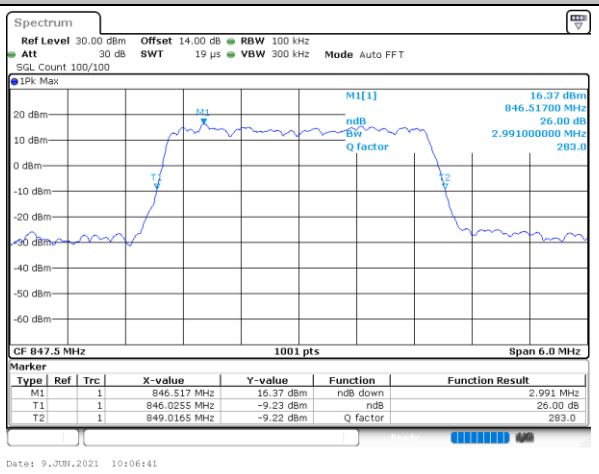
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

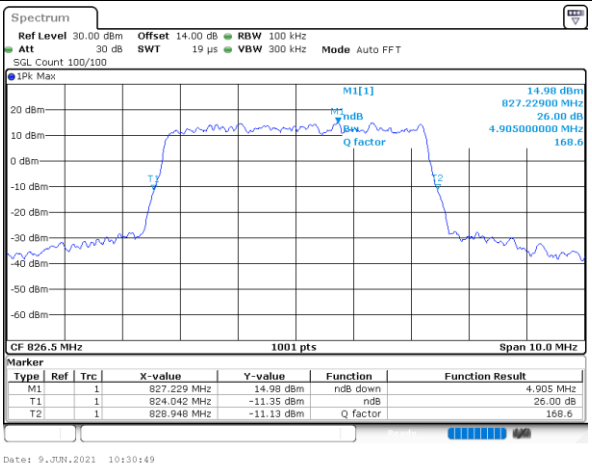


Highest Channel / 3MHz / 16QAM

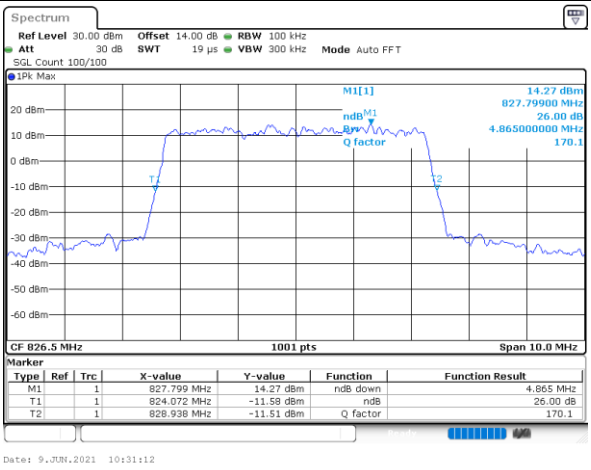


LTE Band 5

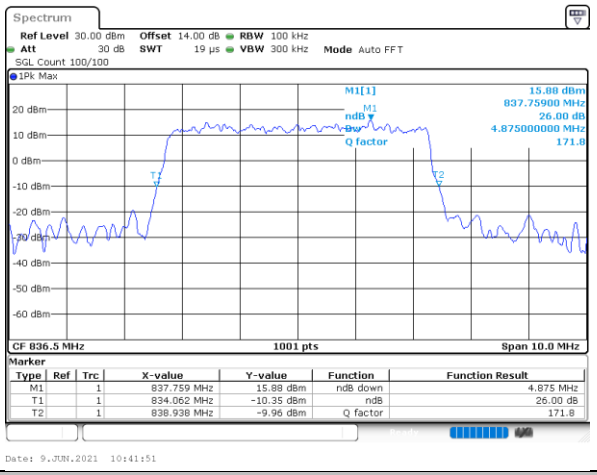
Lowest Channel / 5MHz / QPSK



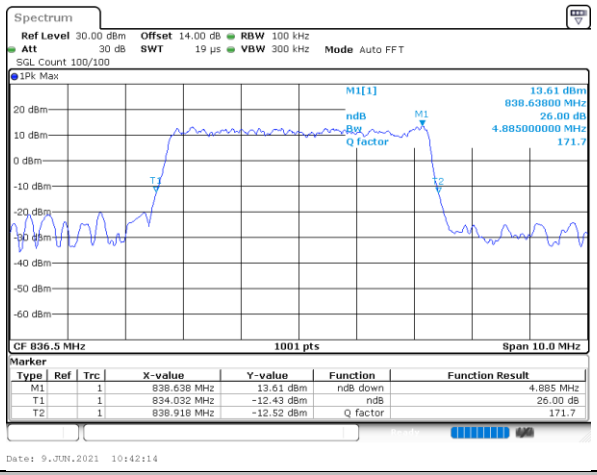
Lowest Channel / 5MHz / 16QAM



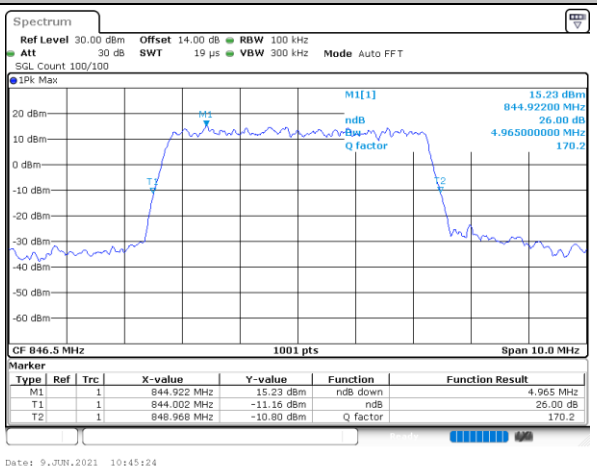
Middle Channel / 5MHz / QPSK



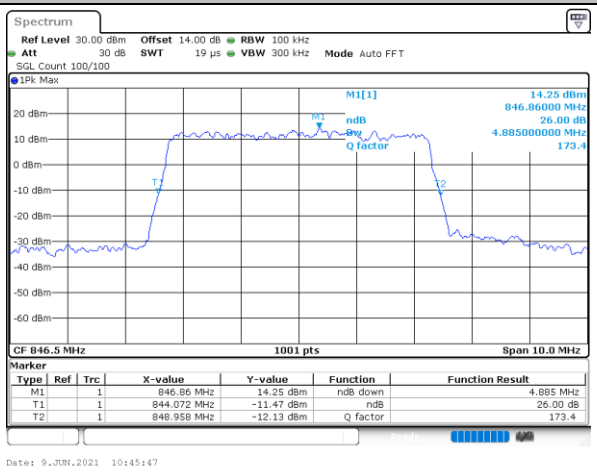
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

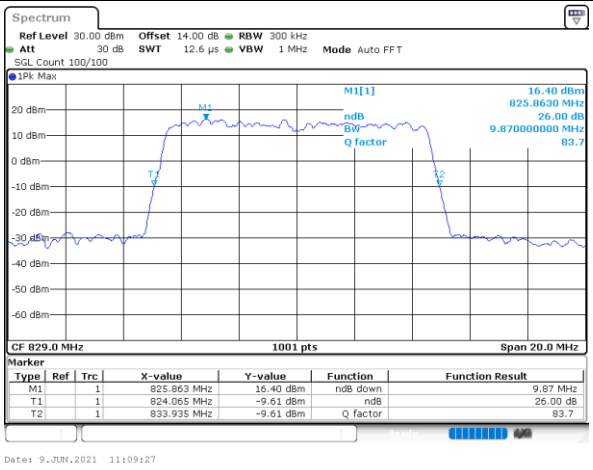


Highest Channel / 5MHz / 16QAM

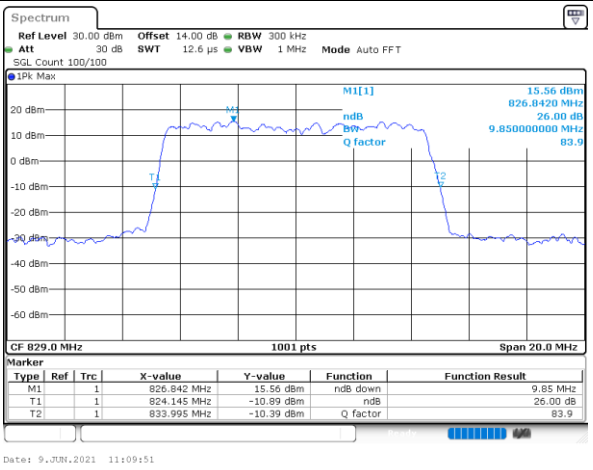


LTE Band 5

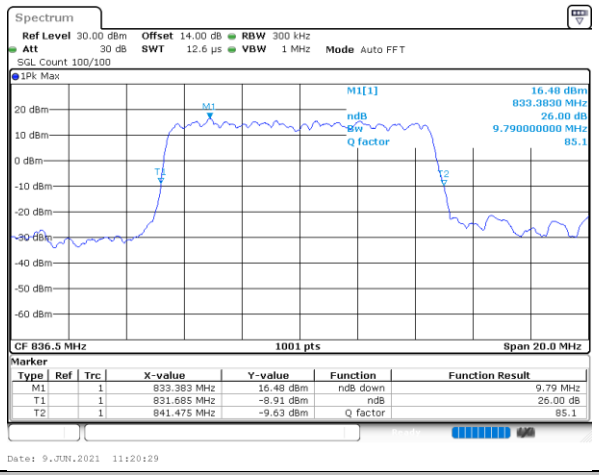
Lowest Channel / 10MHz / QPSK



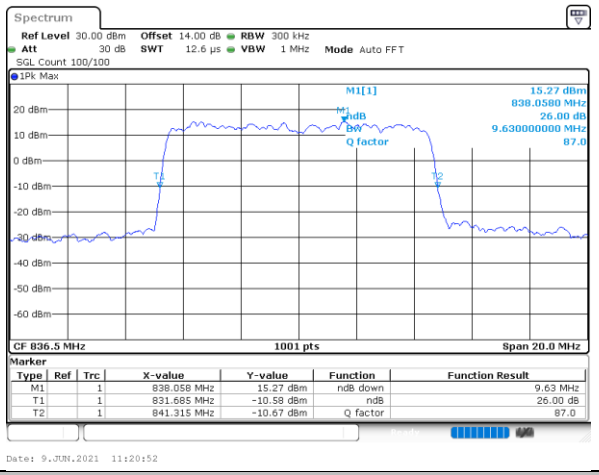
Lowest Channel / 10MHz / 16QAM



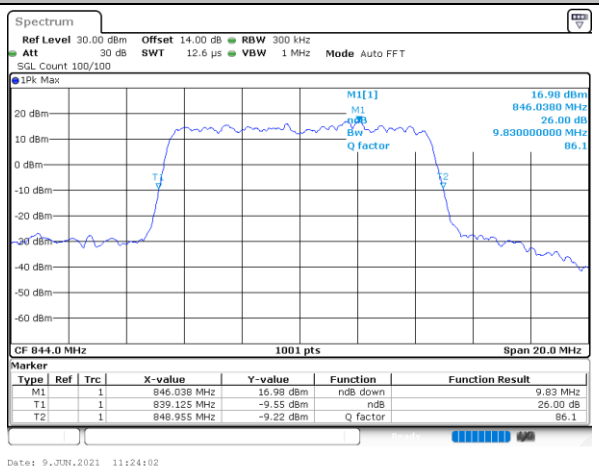
Middle Channel / 10MHz / QPSK



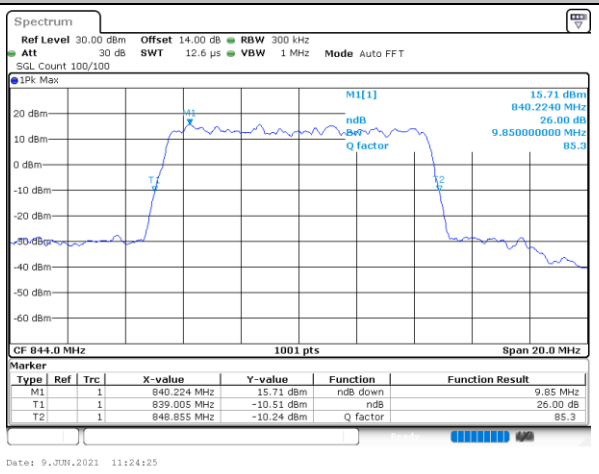
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

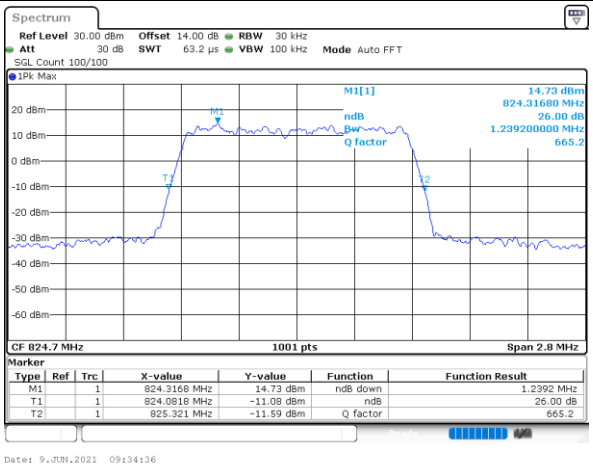


Highest Channel / 10MHz / 16QAM

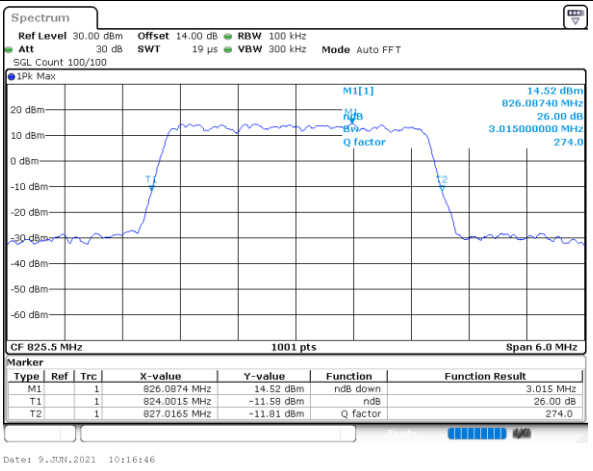


LTE Band 5

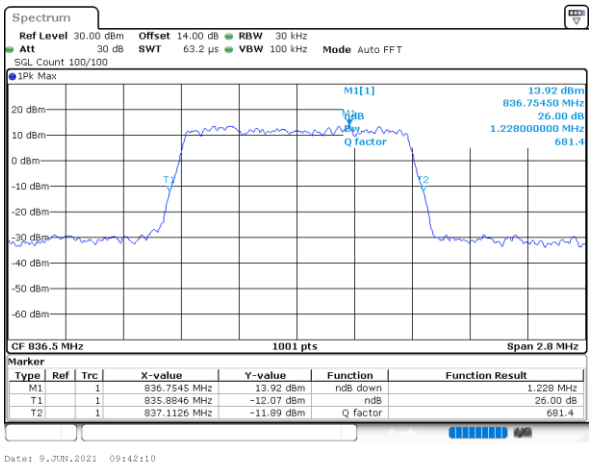
Lowest Channel / 1.4MHz / 64QAM



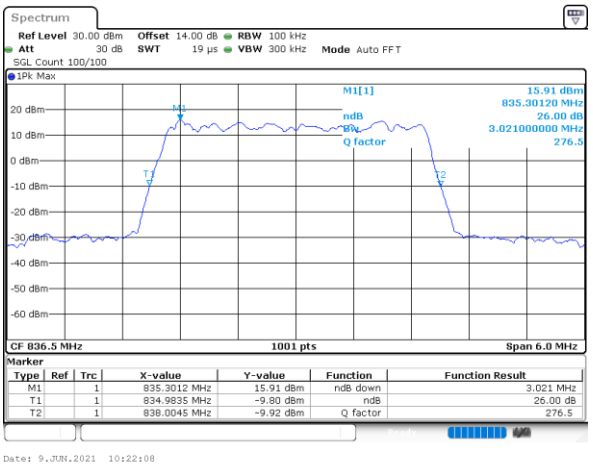
Lowest Channel / 3MHz / 64QAM



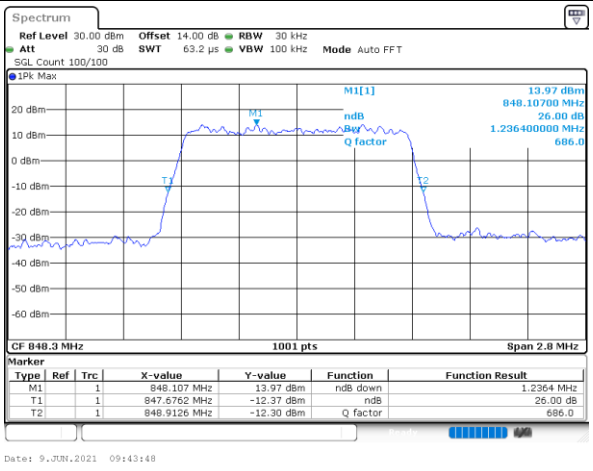
Middle Channel / 1.4MHz / 64QAM



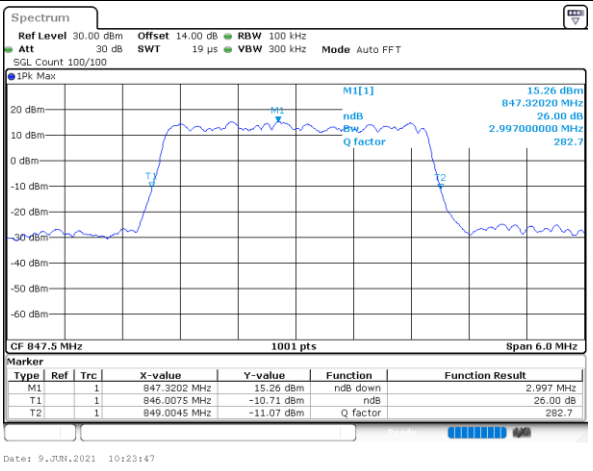
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

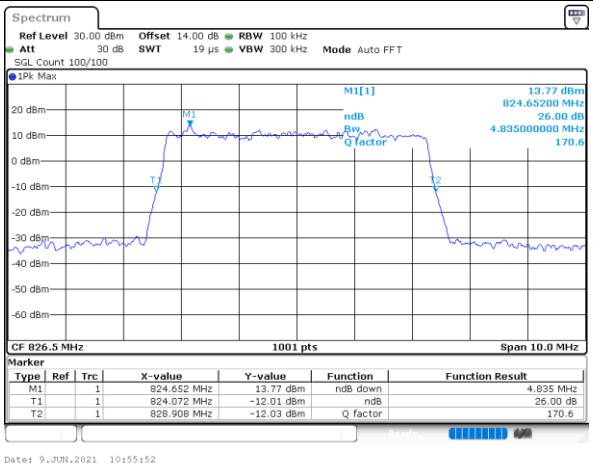


Highest Channel / 3MHz / 64QAM

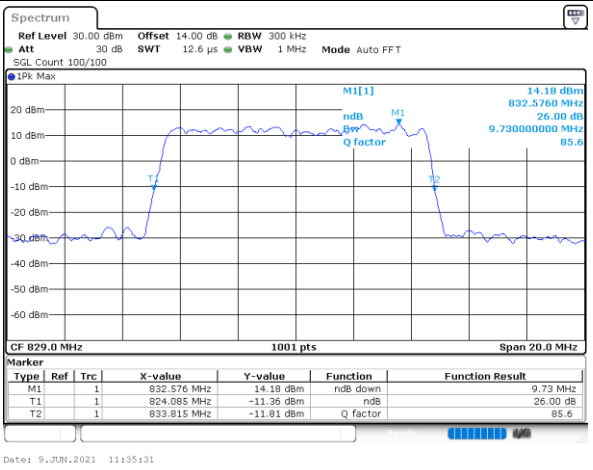


LTE Band 5

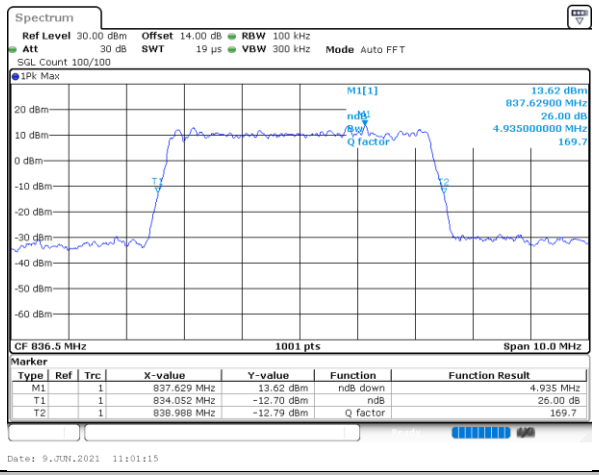
Lowest Channel / 5MHz / 64QAM



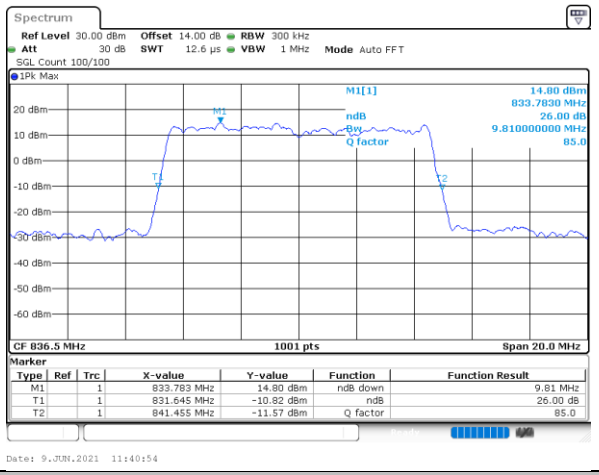
Lowest Channel / 10MHz / 64QAM



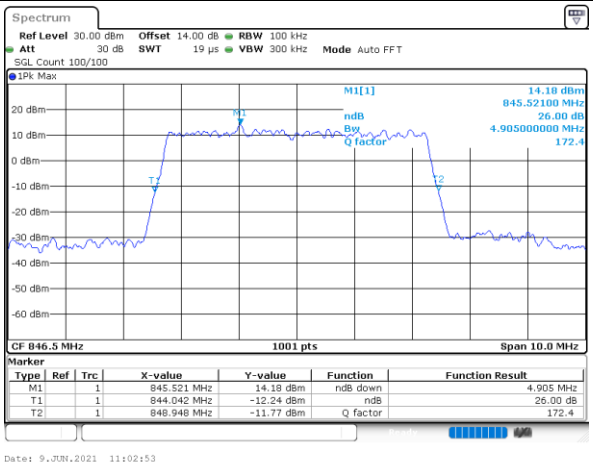
Middle Channel / 5MHz / 64QAM



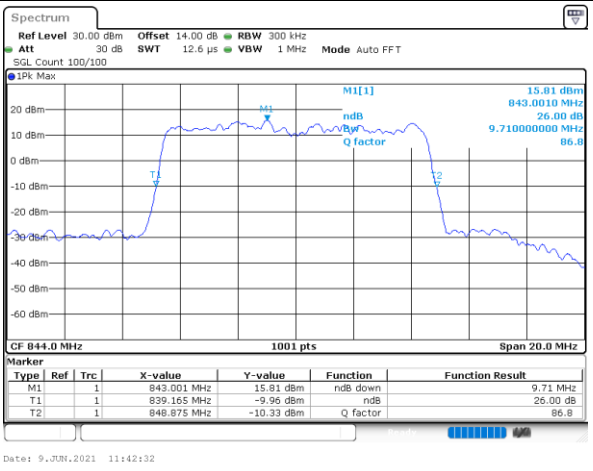
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

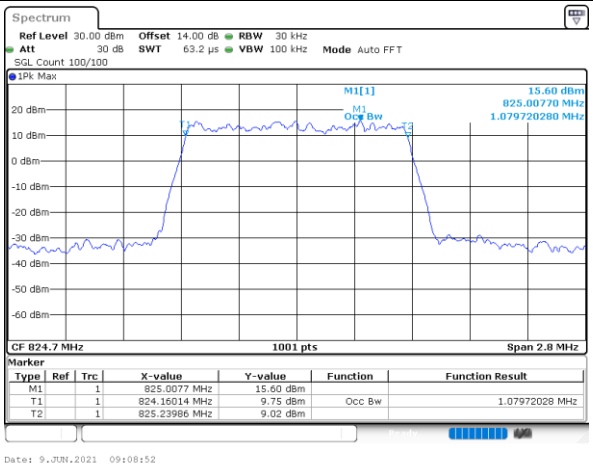


Occupied Bandwidth

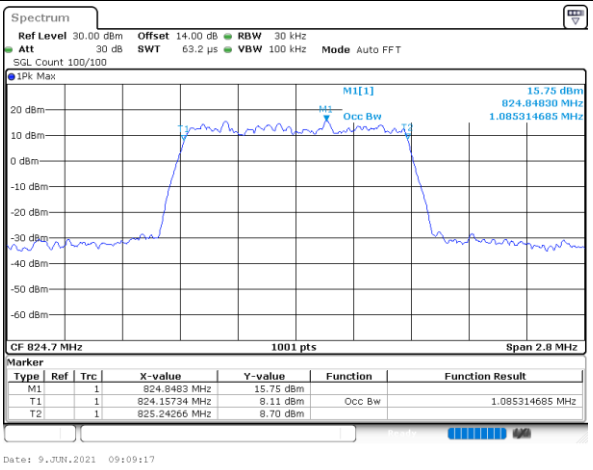
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.09	2.72	2.73	4.49	4.50	9.03	9.07	-	-	-	-
Middle CH	1.09	1.09	2.73	2.75	4.50	4.46	9.03	8.97	-	-	-	-
Highest CH	1.09	1.10	2.71	2.70	4.50	4.50	9.05	9.01	-	-	-	-
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	-	4.51	-	9.09	-	-	-	-	-
Middle CH	1.09	-	2.71	-	4.48	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.71	-	4.50	-	9.03	-	-	-	-	-

LTE Band 5

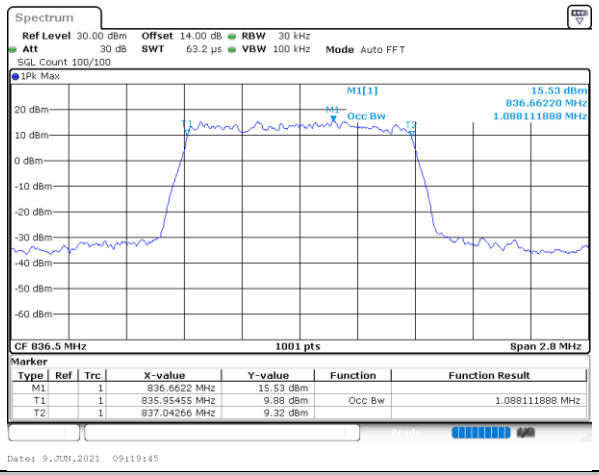
Lowest Channel / 1.4MHz / QPSK



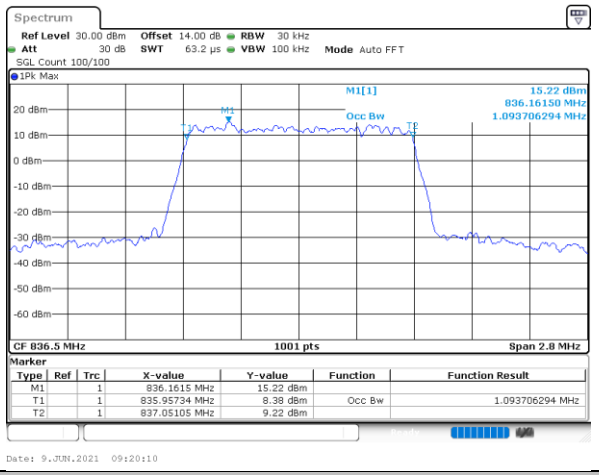
Lowest Channel / 1.4MHz / 16QAM



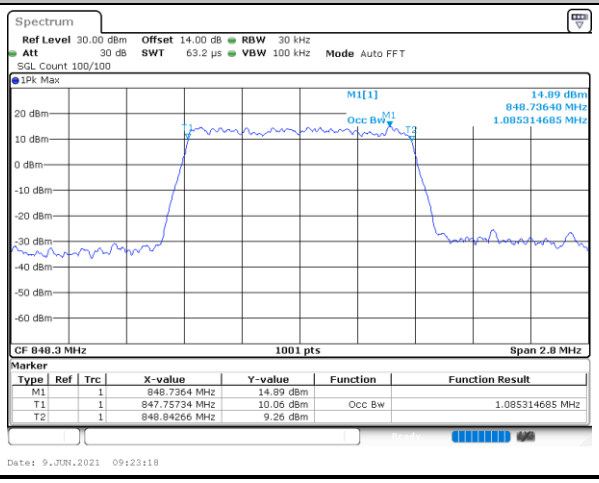
Middle Channel / 1.4MHz / QPSK



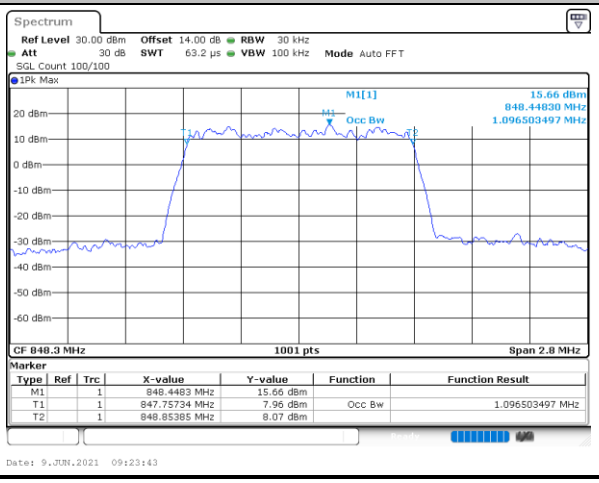
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

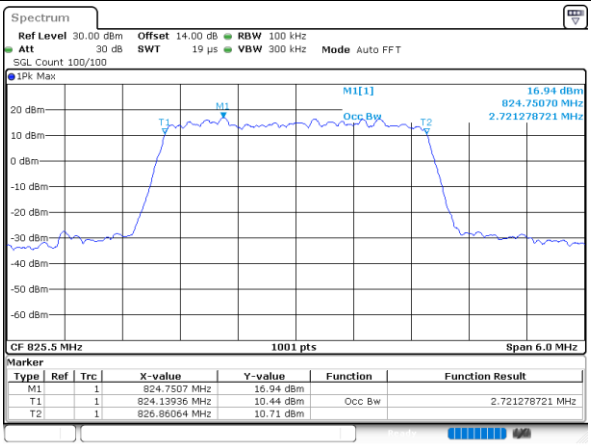


Highest Channel / 1.4MHz / 16QAM

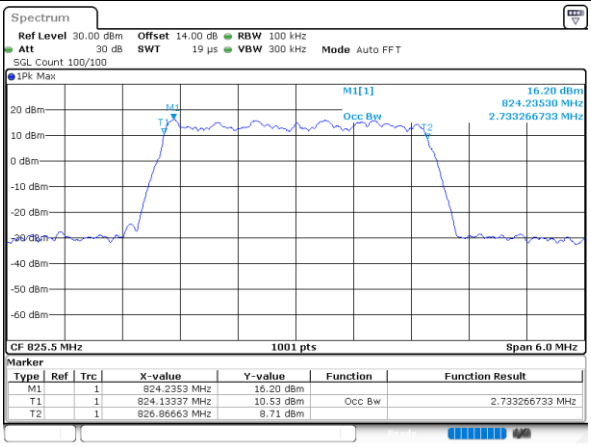


LTE Band 5

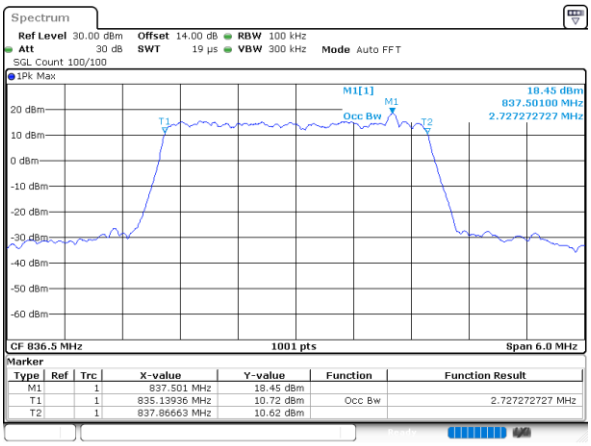
Lowest Channel / 3MHz / QPSK



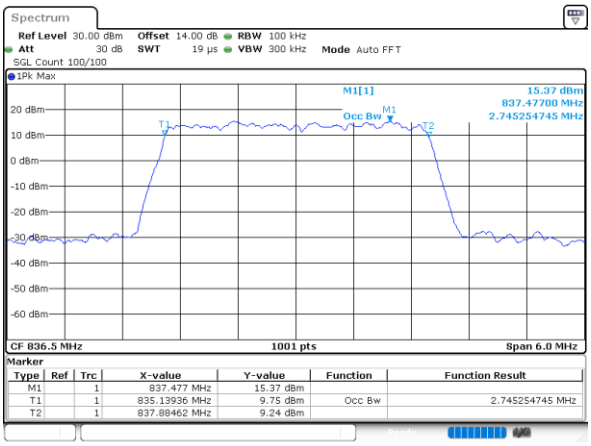
Lowest Channel / 3MHz / 16QAM



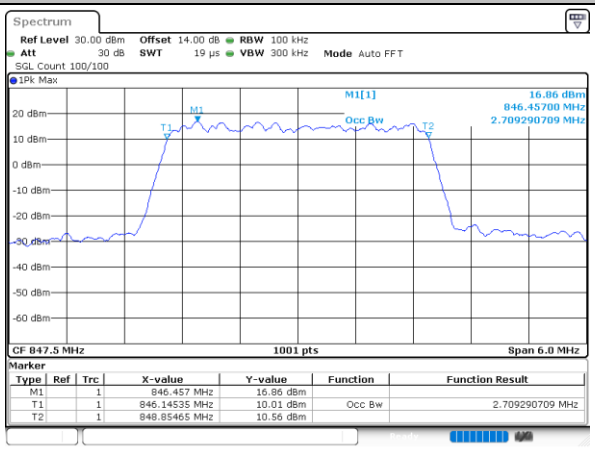
Middle Channel / 3MHz / QPSK



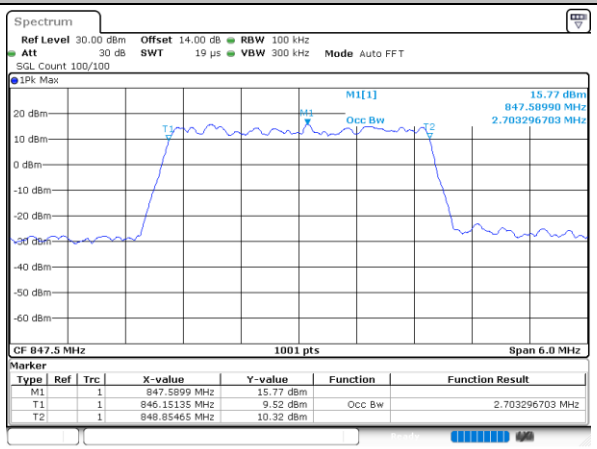
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

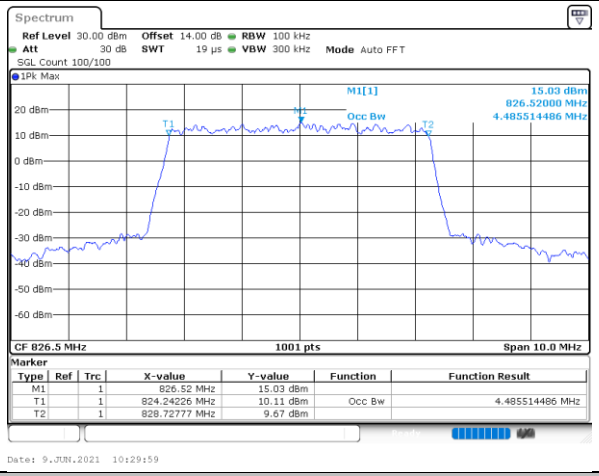


Highest Channel / 3MHz / 16QAM

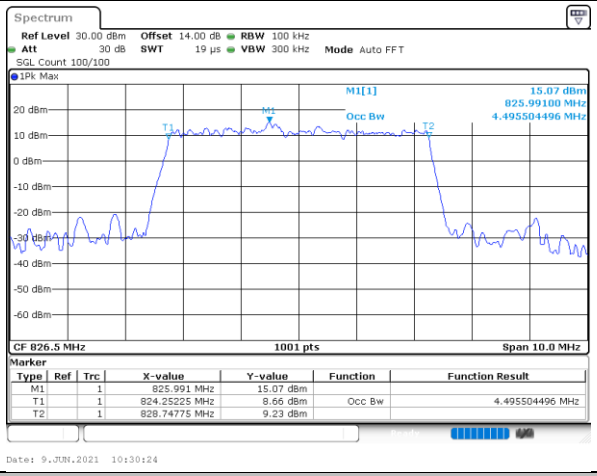


LTE Band 5

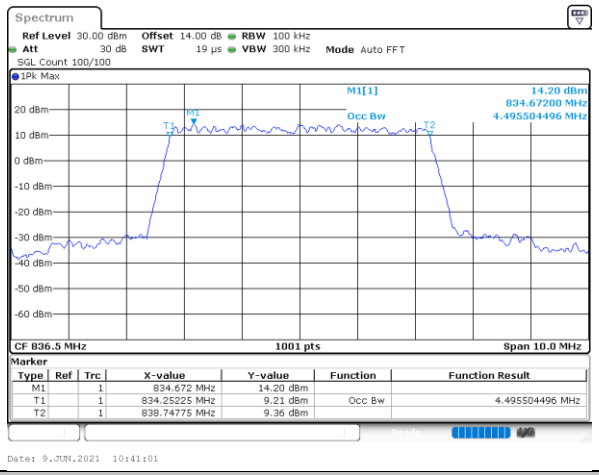
Lowest Channel / 5MHz / QPSK



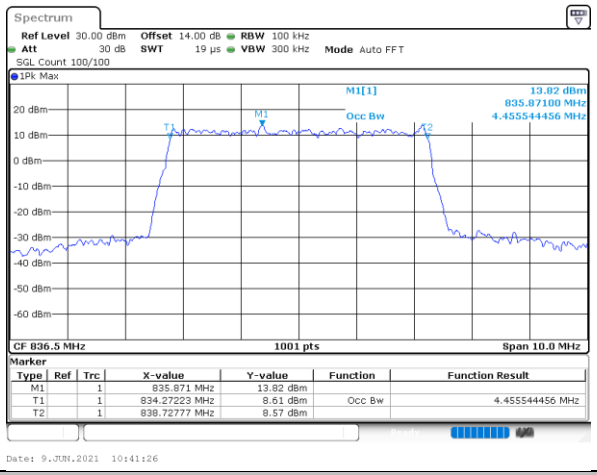
Lowest Channel / 5MHz / 16QAM



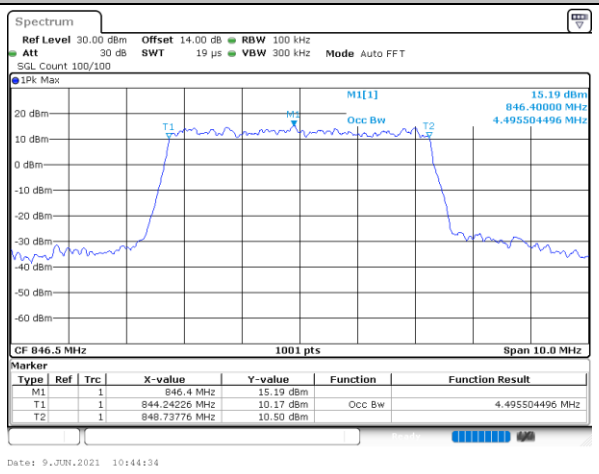
Middle Channel / 5MHz / QPSK



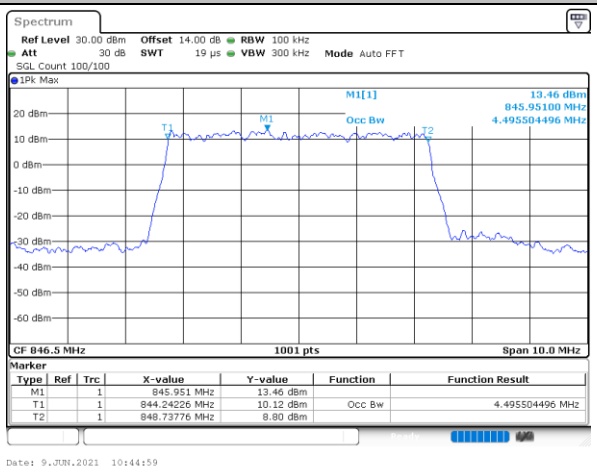
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

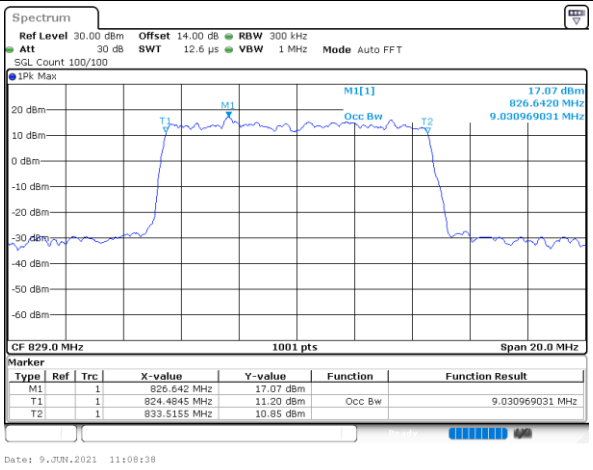


Highest Channel / 5MHz / 16QAM

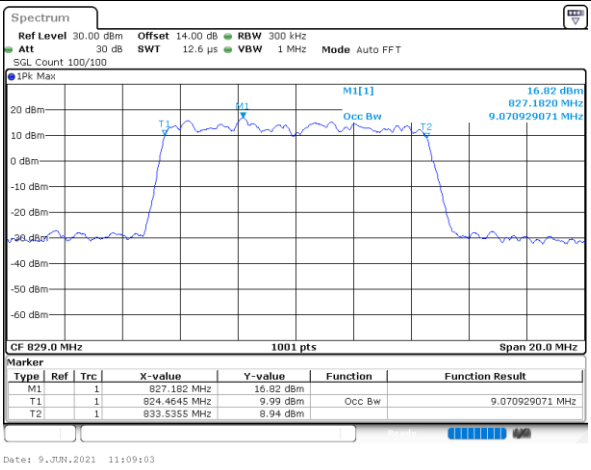


LTE Band 5

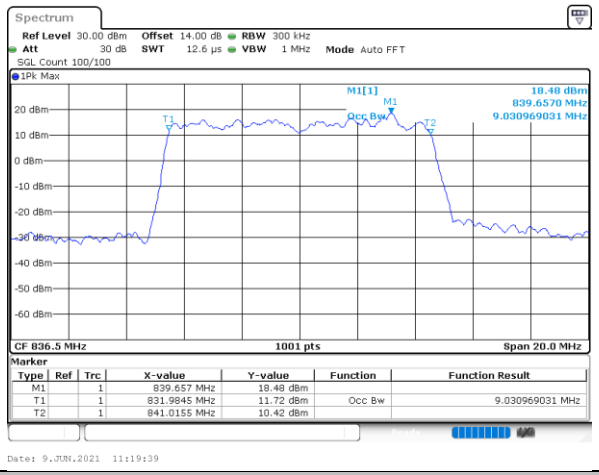
Lowest Channel / 10MHz / QPSK



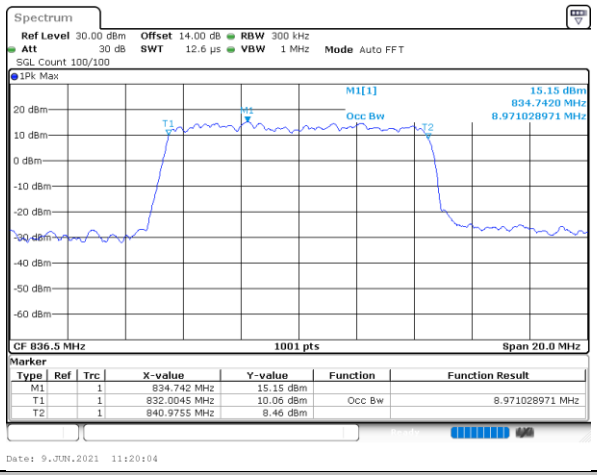
Lowest Channel / 10MHz / 16QAM



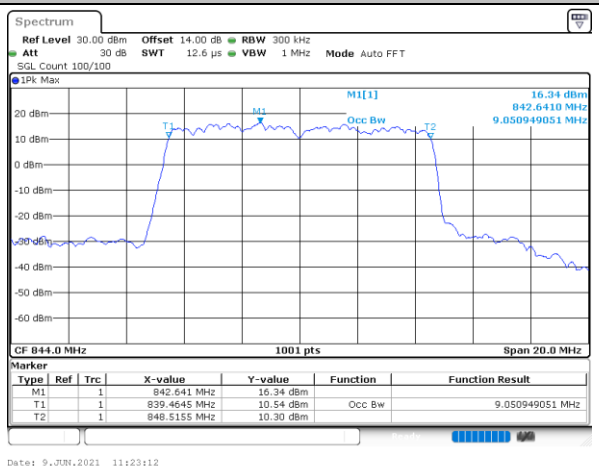
Middle Channel / 10MHz / QPSK



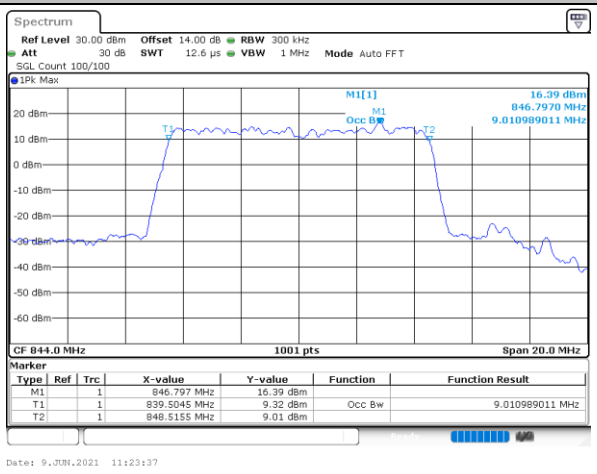
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

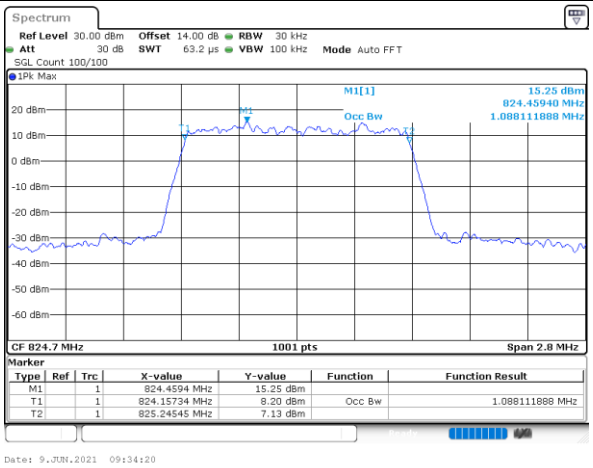


Highest Channel / 10MHz / 16QAM

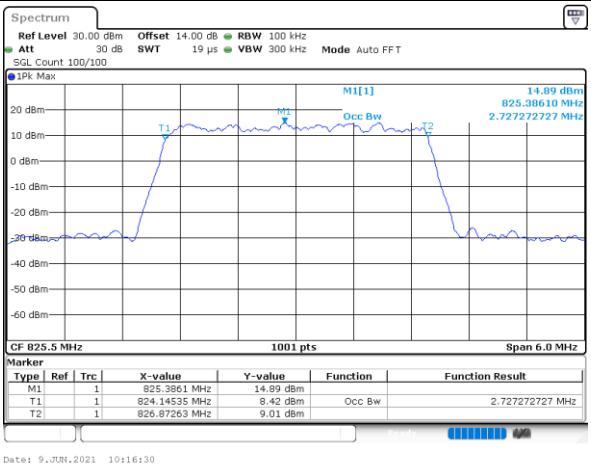


LTE Band 5

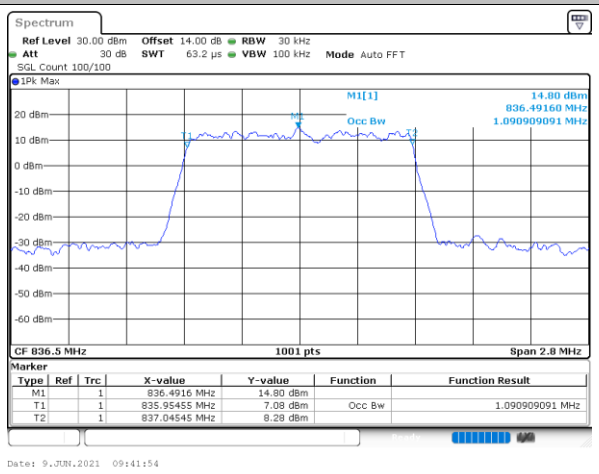
Lowest Channel / 1.4MHz / 64QAM



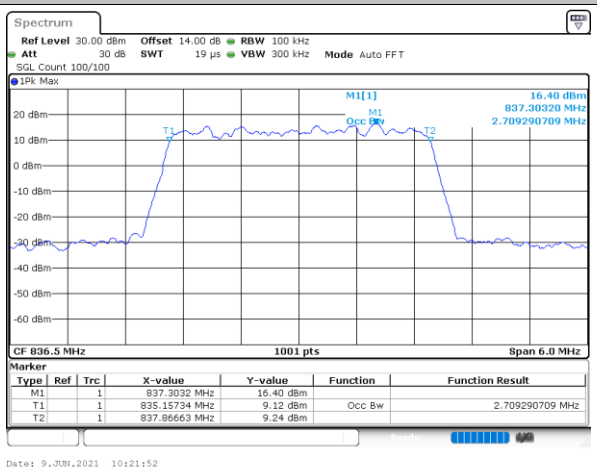
Lowest Channel / 3MHz / 64QAM



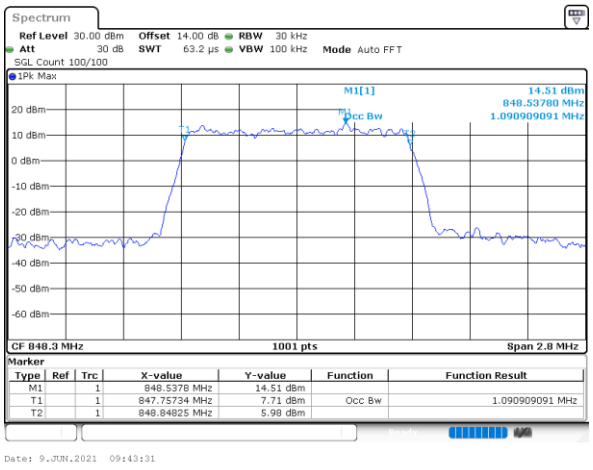
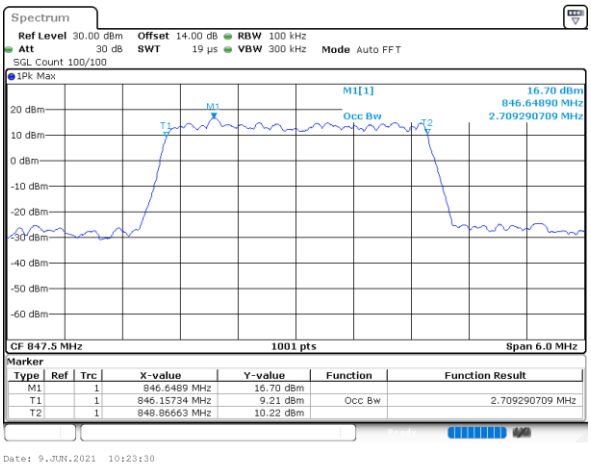
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM