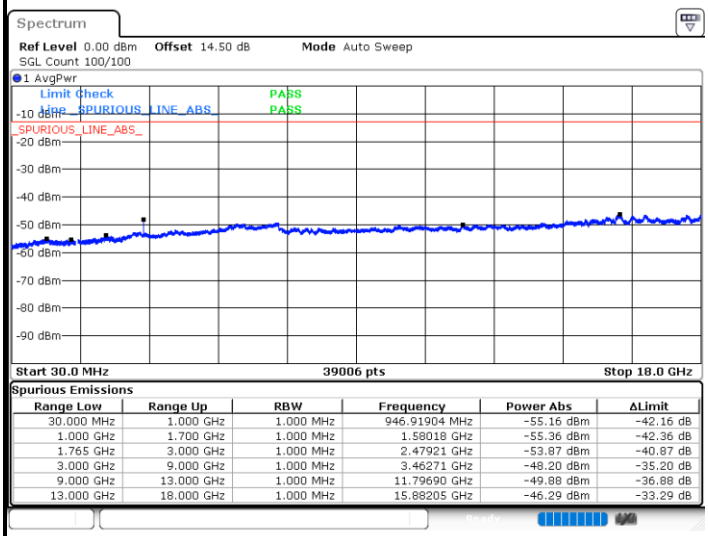
LTE Band 4 / 3MHz

Middle Channel / QPSK

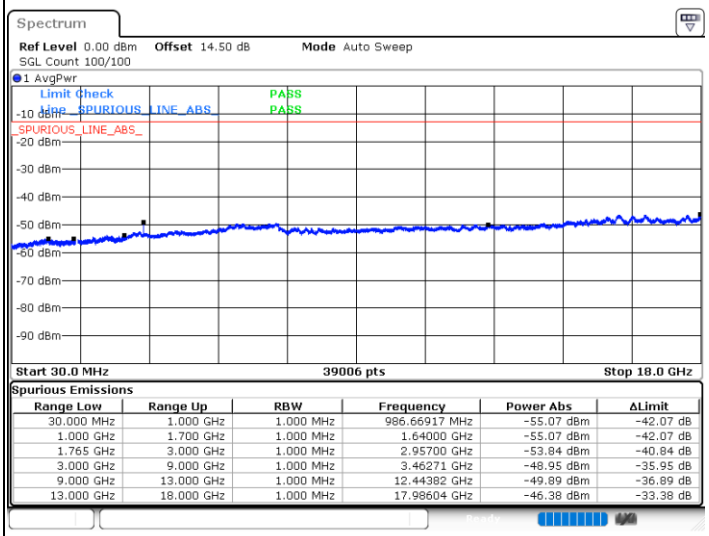


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-55.16 dBm	-42.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58018 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.47921 GHz	-53.87 dBm	-40.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-48.20 dBm	-35.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79690 GHz	-49.88 dBm	-36.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.88205 GHz	-46.29 dBm	-33.29 dB

Date: 3.AUG.2021 11:33:17

Middle Channel / 16QAM

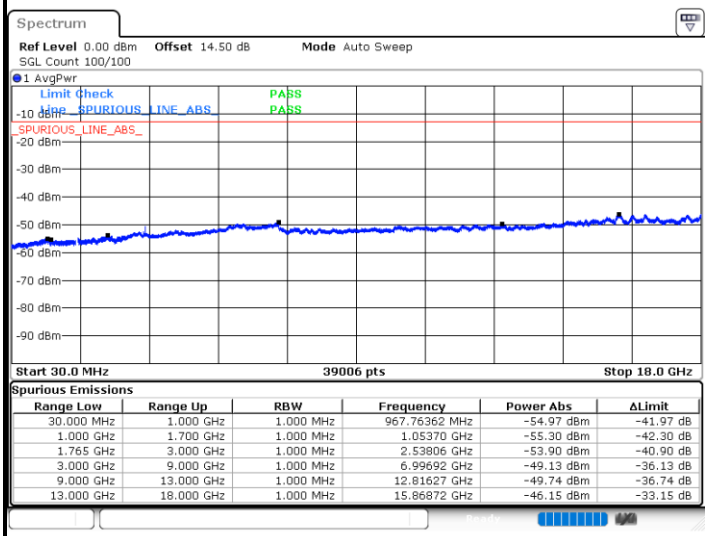


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-55.07 dBm	-42.07 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64000 GHz	-55.07 dBm	-42.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95700 GHz	-53.84 dBm	-40.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-48.95 dBm	-35.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-49.89 dBm	-36.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98604 GHz	-46.38 dBm	-33.38 dB

Date: 3.AUG.2021 11:34:26

Highest Channel / QPSK

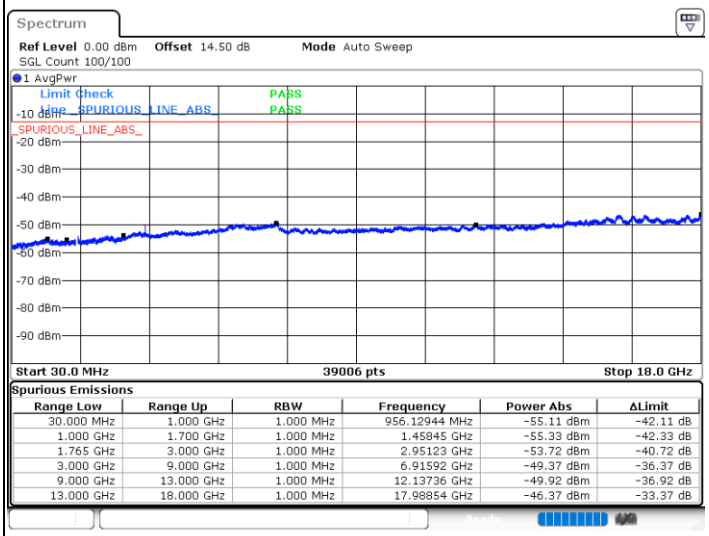


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05370 GHz	-55.30 dBm	-42.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.53806 GHz	-53.90 dBm	-40.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-49.13 dBm	-36.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81627 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.86872 GHz	-46.15 dBm	-33.15 dB

Date: 3.AUG.2021 11:43:16

Highest Channel / 16QAM



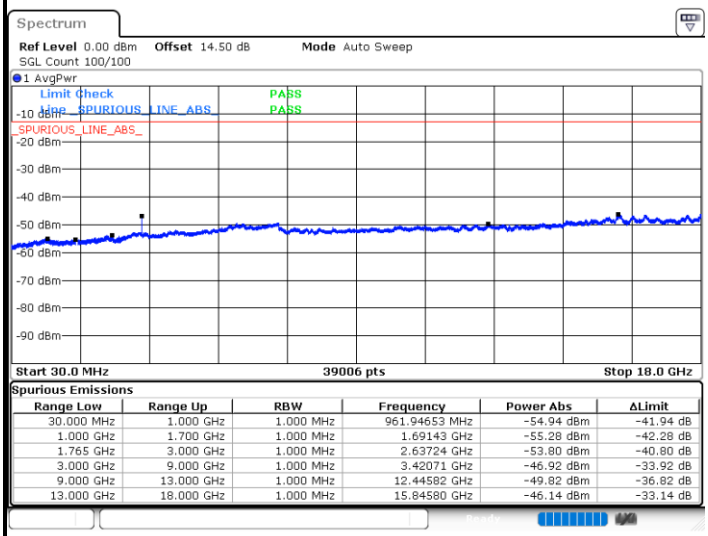
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45845 GHz	-55.33 dBm	-42.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95123 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91592 GHz	-49.37 dBm	-36.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13736 GHz	-49.92 dBm	-36.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98854 GHz	-46.37 dBm	-33.37 dB

Date: 3.AUG.2021 11:44:26

LTE Band 4 / 5MHz

Lowest Channel / QPSK

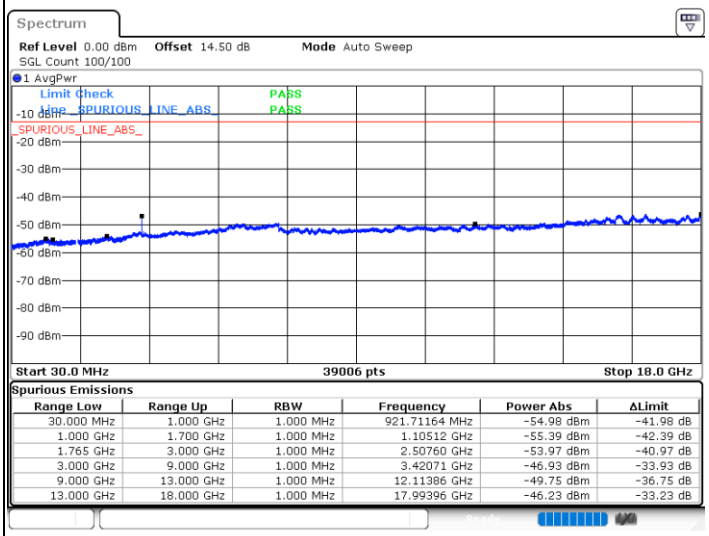


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-54.94 dBm	-41.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-55.28 dBm	-42.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63724 GHz	-53.80 dBm	-40.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-46.92 dBm	-33.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44582 GHz	-49.82 dBm	-36.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.84580 GHz	-46.14 dBm	-33.14 dB

Date: 3.AUG.2021 11:53:16

Lowest Channel / 16QAM

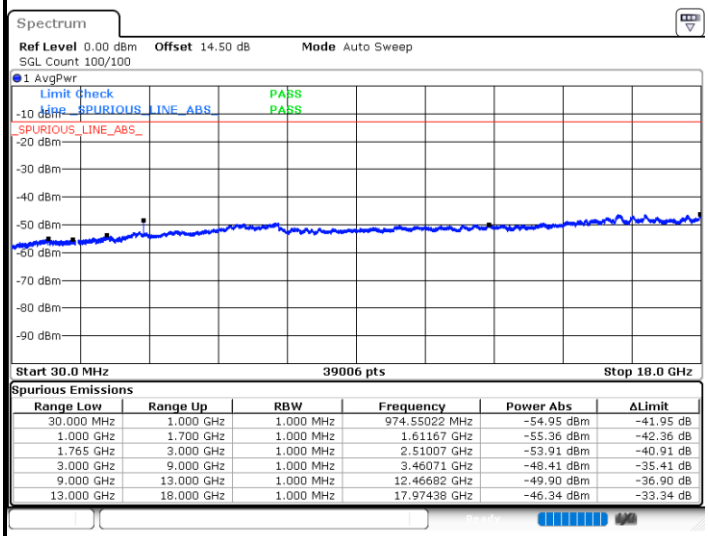


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-54.98 dBm	-41.98 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.10512 GHz	-55.39 dBm	-42.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50760 GHz	-53.97 dBm	-40.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-46.93 dBm	-33.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11386 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99396 GHz	-46.23 dBm	-33.23 dB

Date: 3.AUG.2021 11:54:25

Middle Channel / QPSK

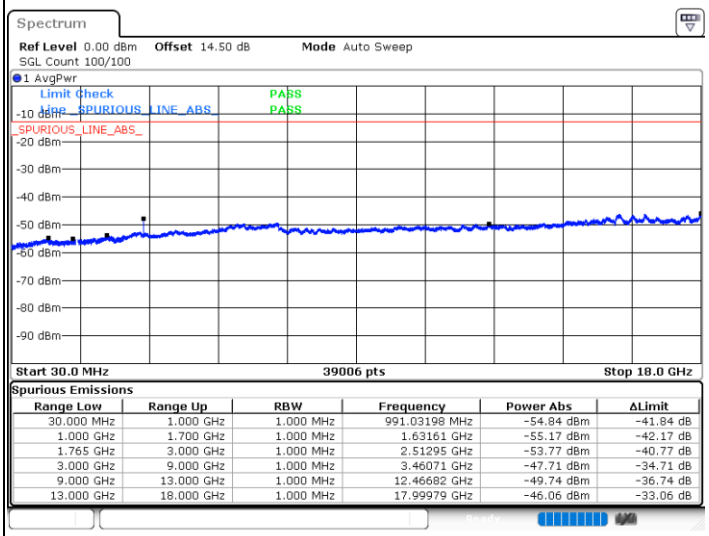


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-54.95 dBm	-41.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61167 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51007 GHz	-53.91 dBm	-40.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-48.41 dBm	-35.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46682 GHz	-49.90 dBm	-36.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97438 GHz	-46.34 dBm	-33.34 dB

Date: 3.AUG.2021 11:56:18

Middle Channel / 16QAM



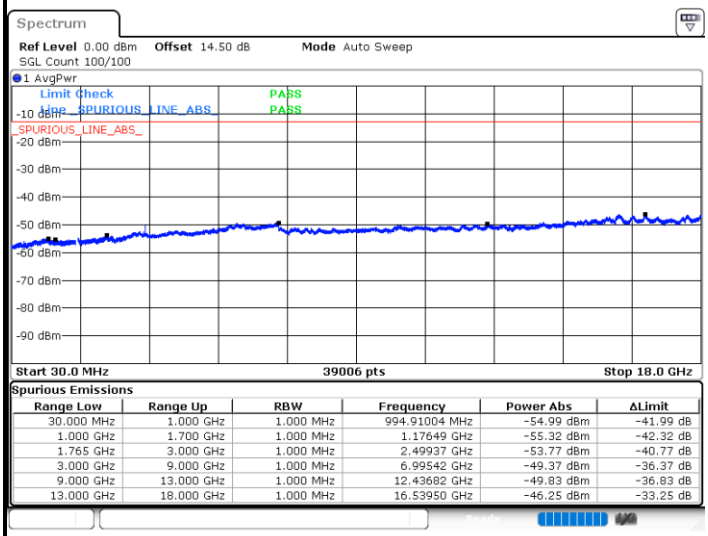
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63161 GHz	-55.17 dBm	-42.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51295 GHz	-53.77 dBm	-40.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-47.71 dBm	-34.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46682 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99979 GHz	-46.06 dBm	-33.06 dB

Date: 3.AUG.2021 11:57:28

LTE Band 4 / 5MHz

Highest Channel / QPSK

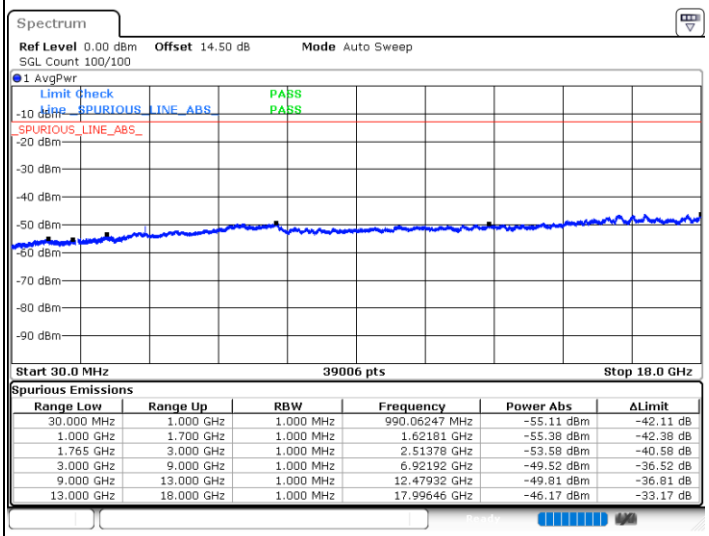


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-54.99 dBm	-41.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.17649 GHz	-55.32 dBm	-42.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49937 GHz	-53.77 dBm	-40.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-49.37 dBm	-36.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43682 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53950 GHz	-46.25 dBm	-33.25 dB

Date: 3.AUG.2021 12:06:35

Highest Channel / 16QAM



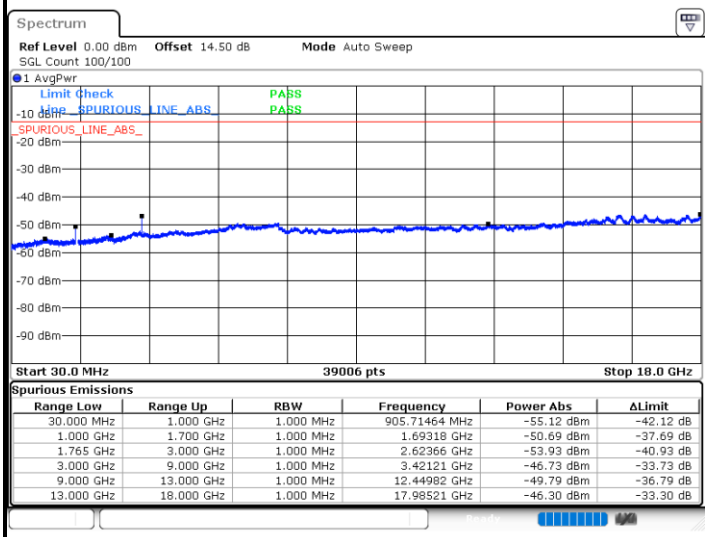
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62181 GHz	-55.38 dBm	-42.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51378 GHz	-53.58 dBm	-40.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92192 GHz	-49.52 dBm	-36.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47932 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99646 GHz	-46.17 dBm	-33.17 dB

Date: 3.AUG.2021 12:07:51

LTE Band 4 / 10MHz

Lowest Channel / QPSK

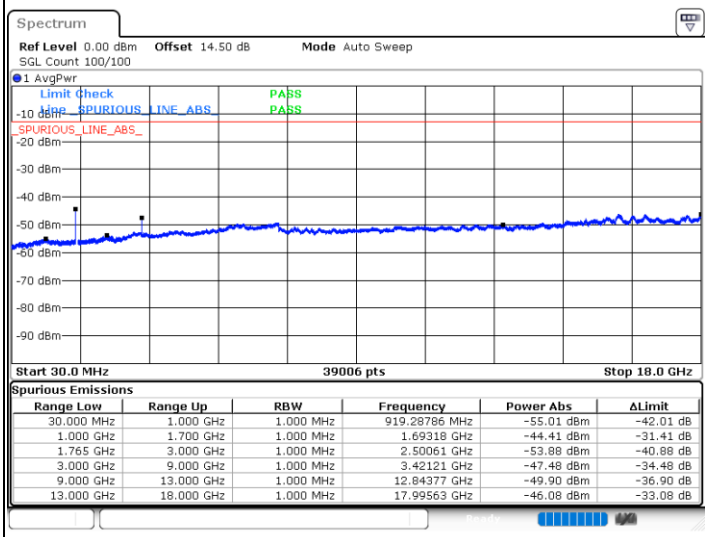


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-55.12 dBm	-42.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-50.69 dBm	-37.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.62366 GHz	-53.93 dBm	-40.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-46.73 dBm	-33.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44982 GHz	-49.79 dBm	-36.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98521 GHz	-46.30 dBm	-33.30 dB

Date: 3.AUG.2021 12:17:05

Lowest Channel / 16QAM



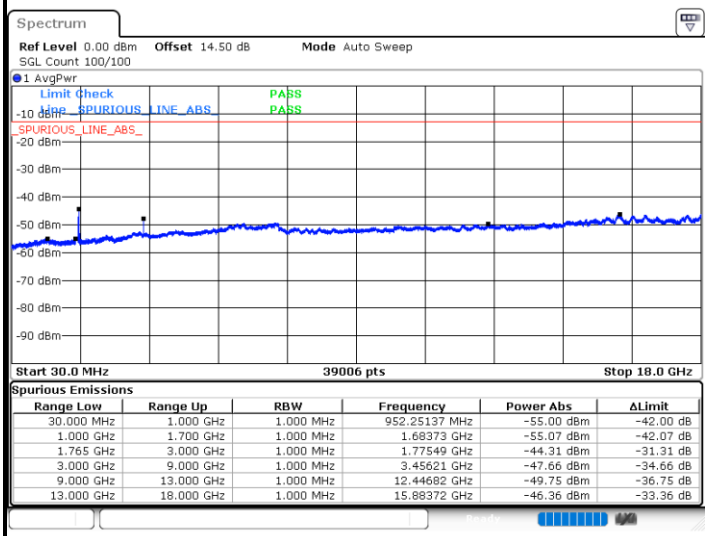
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-55.01 dBm	-42.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-44.41 dBm	-31.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50061 GHz	-53.88 dBm	-40.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-47.48 dBm	-34.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84377 GHz	-49.90 dBm	-36.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99563 GHz	-46.08 dBm	-33.08 dB

Date: 3.AUG.2021 12:18:22

LTE Band 4 / 10MHz

Middle Channel / QPSK

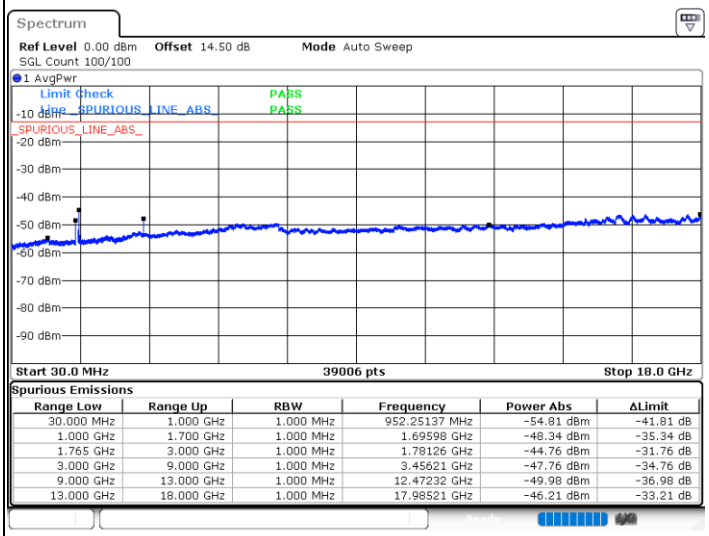


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-55.00 dBm	-42.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68373 GHz	-55.07 dBm	-42.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77549 GHz	-44.31 dBm	-31.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-47.66 dBm	-34.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44682 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.88372 GHz	-46.36 dBm	-33.36 dB

Date: 3.AUG.2021 12:20:21

Middle Channel / 16QAM

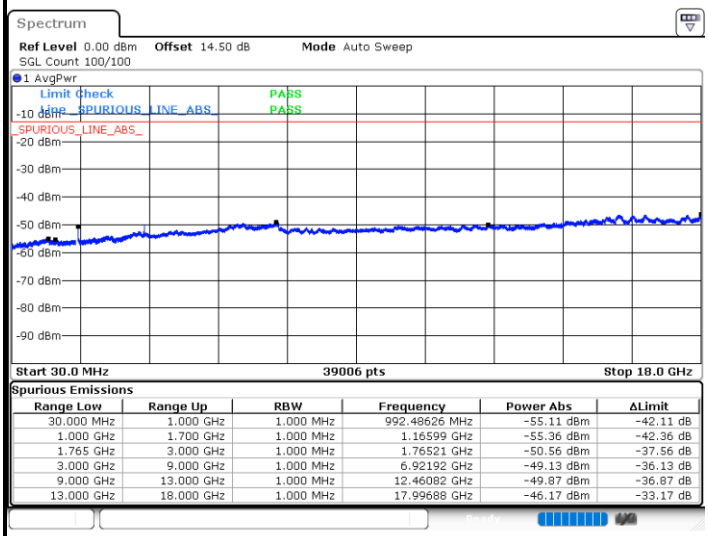


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-48.34 dBm	-35.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.78126 GHz	-44.76 dBm	-31.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-47.76 dBm	-34.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47232 GHz	-49.98 dBm	-36.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98521 GHz	-46.21 dBm	-33.21 dB

Date: 3.AUG.2021 12:21:37

Highest Channel / QPSK

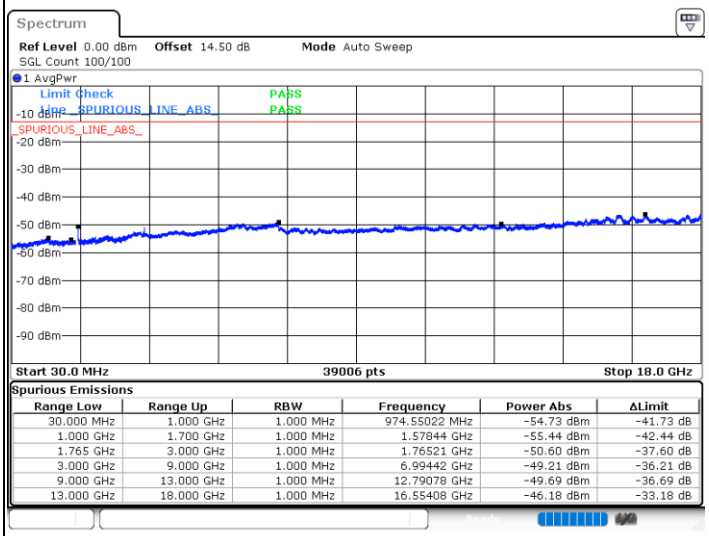


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.16599 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.56 dBm	-37.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92192 GHz	-49.13 dBm	-36.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46082 GHz	-49.87 dBm	-36.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99688 GHz	-46.17 dBm	-33.17 dB

Date: 3.AUG.2021 12:30:39

Highest Channel / 16QAM



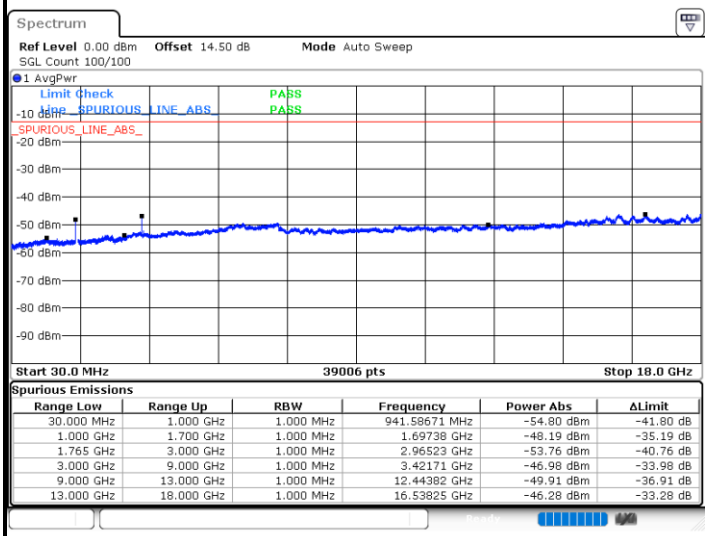
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-54.73 dBm	-41.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57844 GHz	-55.44 dBm	-42.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.60 dBm	-37.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-49.21 dBm	-36.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.79078 GHz	-49.69 dBm	-36.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55408 GHz	-46.18 dBm	-33.18 dB

Date: 3.AUG.2021 12:31:49

LTE Band 4 / 15MHz

Lowest Channel / QPSK

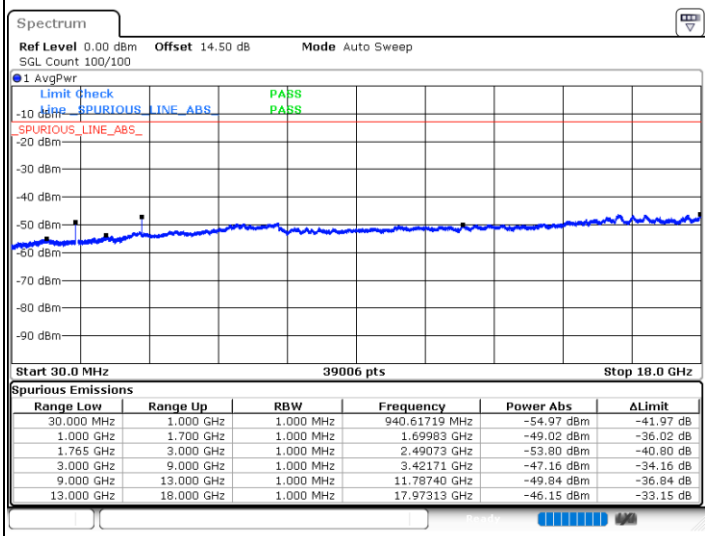


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-48.19 dBm	-35.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96523 GHz	-53.76 dBm	-40.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-46.98 dBm	-33.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-49.91 dBm	-36.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53825 GHz	-46.28 dBm	-33.28 dB

Date: 3.AUG.2021 12:40:41

Lowest Channel / 16QAM

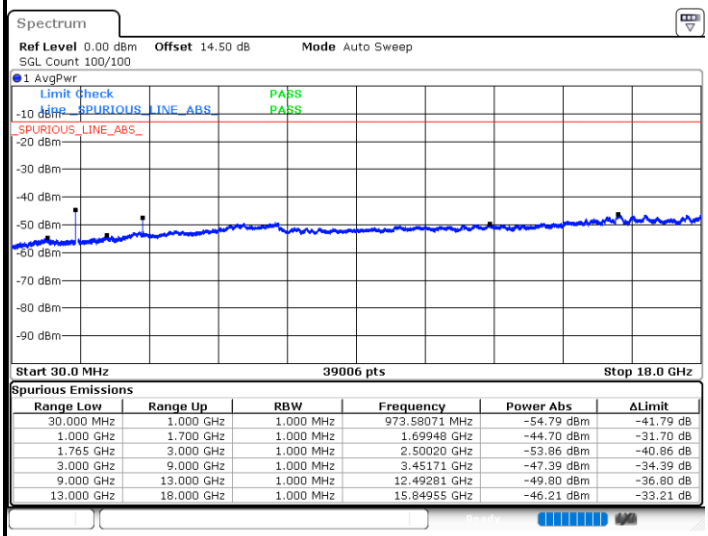


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.61719 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-49.02 dBm	-36.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49073 GHz	-53.80 dBm	-40.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-47.16 dBm	-34.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78740 GHz	-49.84 dBm	-36.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97313 GHz	-46.15 dBm	-33.15 dB

Date: 3.AUG.2021 12:41:51

Middle Channel / QPSK

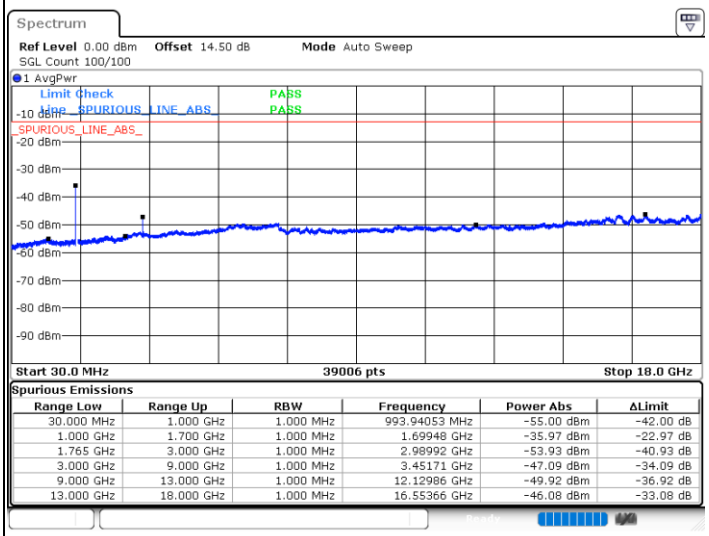


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.70 dBm	-31.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50020 GHz	-53.86 dBm	-40.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-47.39 dBm	-34.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49281 GHz	-49.80 dBm	-36.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.84955 GHz	-46.21 dBm	-33.21 dB

Date: 3.AUG.2021 14:41:18

Middle Channel / 16QAM



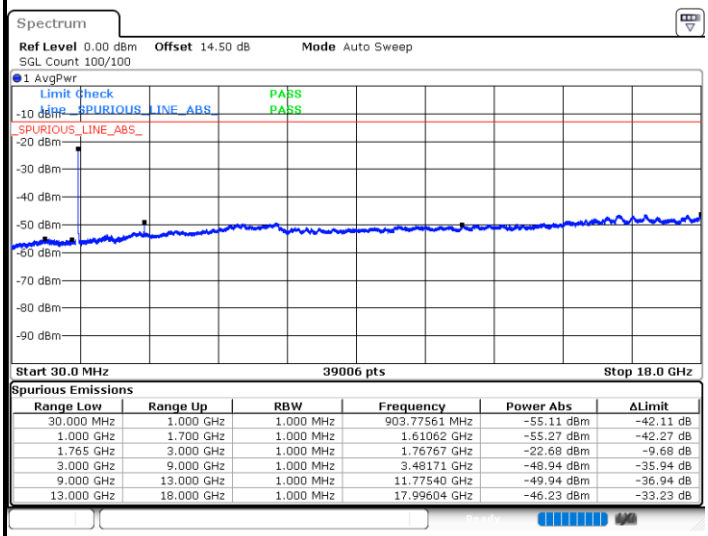
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-55.00 dBm	-42.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-35.97 dBm	-22.97 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98992 GHz	-53.93 dBm	-40.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45171 GHz	-47.09 dBm	-34.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12986 GHz	-49.92 dBm	-36.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55366 GHz	-46.08 dBm	-33.08 dB

Date: 3.AUG.2021 14:42:28

LTE Band 4 / 15MHz

Highest Channel / QPSK

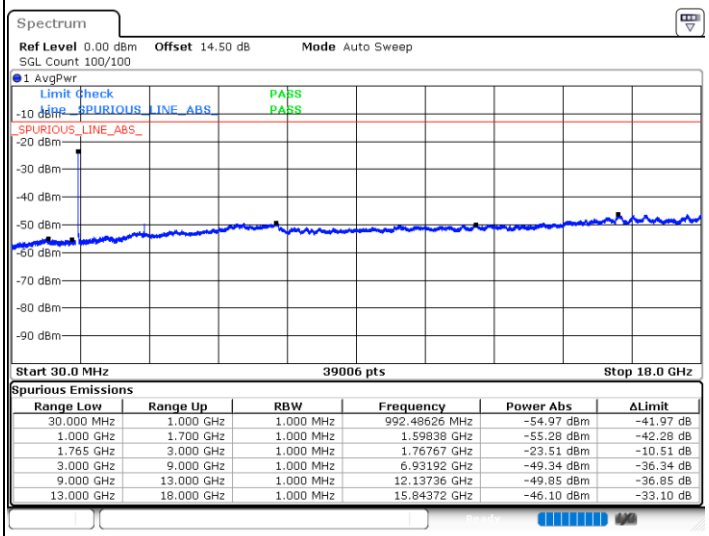


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61062 GHz	-55.27 dBm	-42.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-22.68 dBm	-9.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48171 GHz	-48.94 dBm	-35.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.77540 GHz	-49.94 dBm	-36.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99604 GHz	-46.23 dBm	-33.23 dB

Date: 3.AUG.2021 14:51:18

Highest Channel / 16QAM



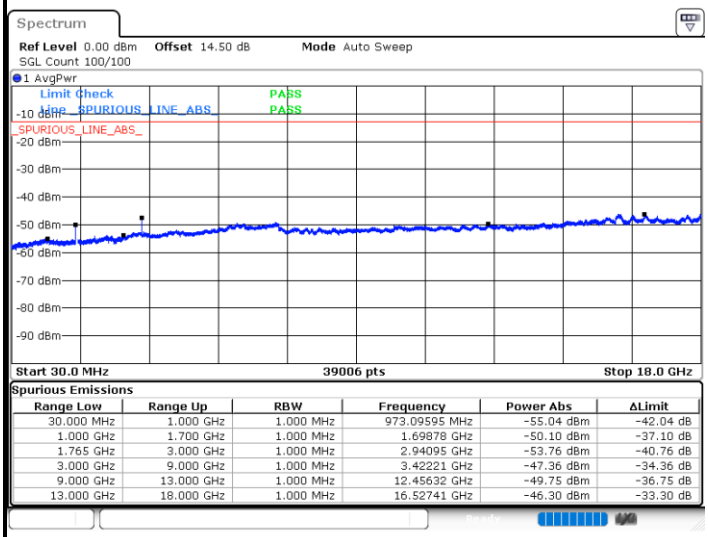
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59838 GHz	-55.28 dBm	-42.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-23.51 dBm	-10.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93192 GHz	-49.34 dBm	-36.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13736 GHz	-49.85 dBm	-36.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.84372 GHz	-46.10 dBm	-33.10 dB

Date: 3.AUG.2021 14:52:27

LTE Band 4 / 20MHz

Lowest Channel / QPSK

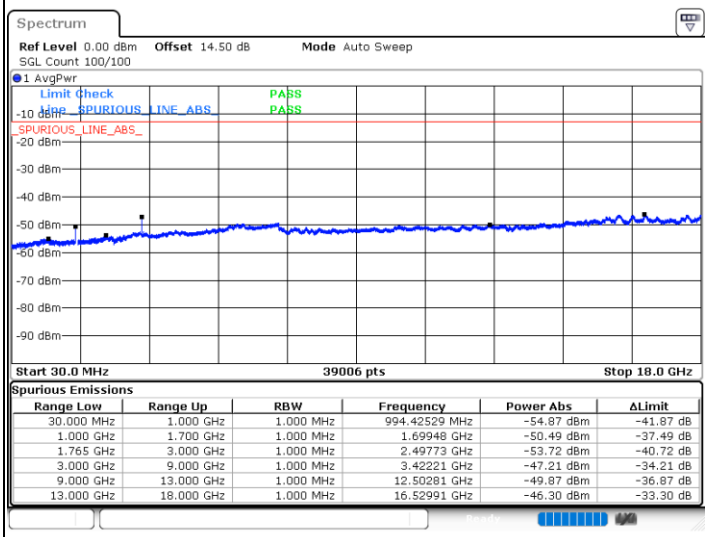


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-50.10 dBm	-37.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94095 GHz	-53.76 dBm	-40.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-47.36 dBm	-34.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45632 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.52741 GHz	-46.30 dBm	-33.30 dB

Date: 3.AUG.2021 15:01:18

Lowest Channel / 16QAM



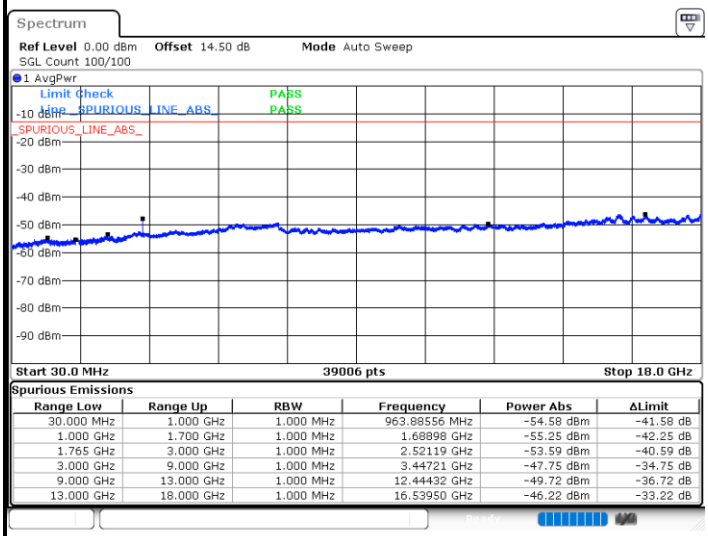
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-54.87 dBm	-41.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-50.49 dBm	-37.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49773 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-47.21 dBm	-34.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.50281 GHz	-49.87 dBm	-36.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.52991 GHz	-46.30 dBm	-33.30 dB

Date: 3.AUG.2021 15:02:28

LTE Band 4 / 20MHz

Middle Channel / QPSK

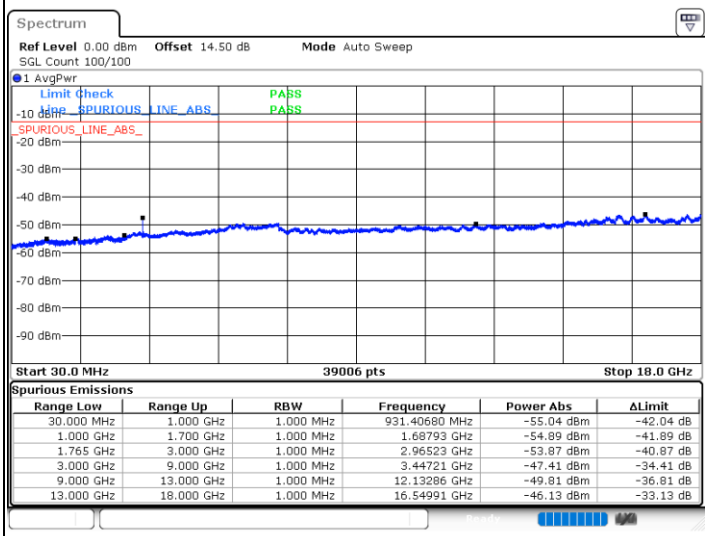


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-54.58 dBm	-41.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68898 GHz	-55.25 dBm	-42.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.52119 GHz	-53.59 dBm	-40.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-47.75 dBm	-34.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44432 GHz	-49.72 dBm	-36.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53950 GHz	-46.22 dBm	-33.22 dB

Date: 3.AUG.2021 15:04:23

Middle Channel / 16QAM

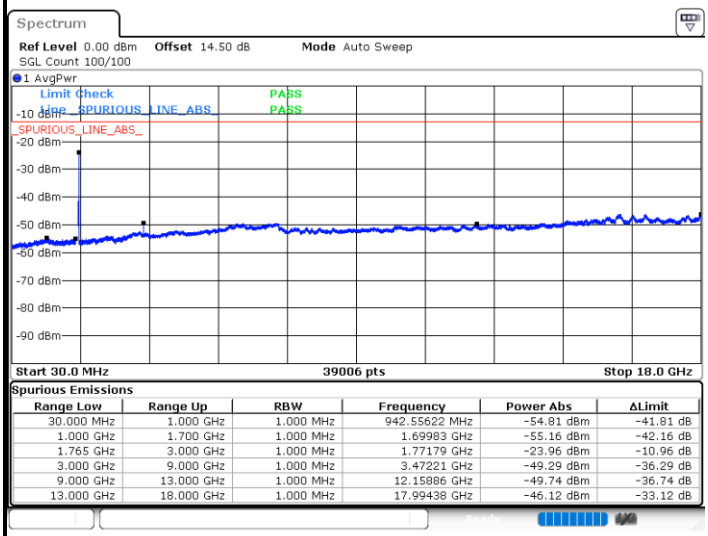


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-54.89 dBm	-41.89 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96523 GHz	-53.87 dBm	-40.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-47.41 dBm	-34.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13286 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54991 GHz	-46.13 dBm	-33.13 dB

Date: 3.AUG.2021 15:05:32

Highest Channel / QPSK

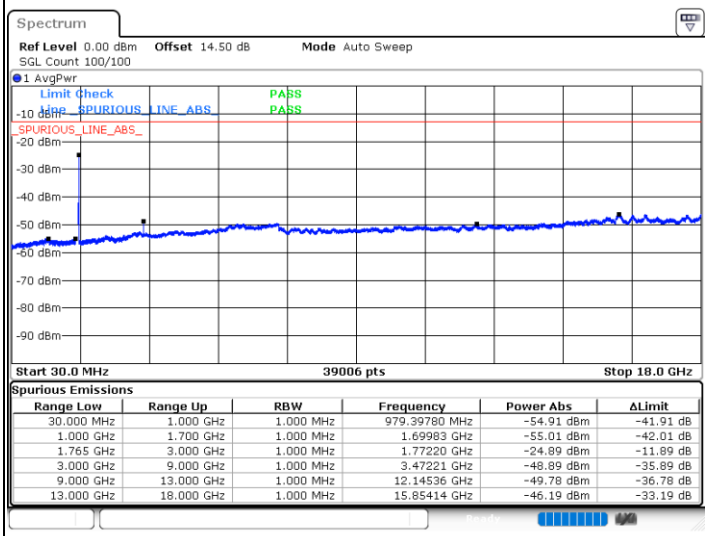


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-55.16 dBm	-42.16 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-23.96 dBm	-10.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.15886 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99438 GHz	-46.12 dBm	-33.12 dB

Date: 3.AUG.2021 15:14:23

Highest Channel / 16QAM



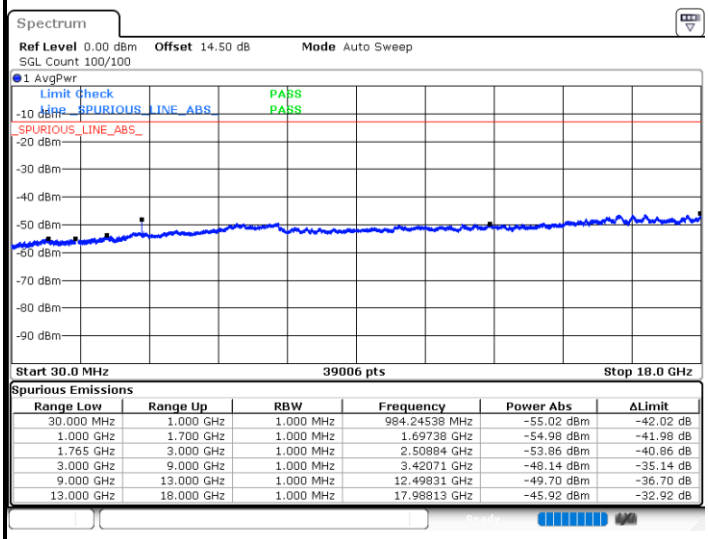
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-55.01 dBm	-42.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-24.89 dBm	-11.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47221 GHz	-48.89 dBm	-35.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.14536 GHz	-49.78 dBm	-36.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85414 GHz	-46.19 dBm	-33.19 dB

Date: 3.AUG.2021 15:15:32

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

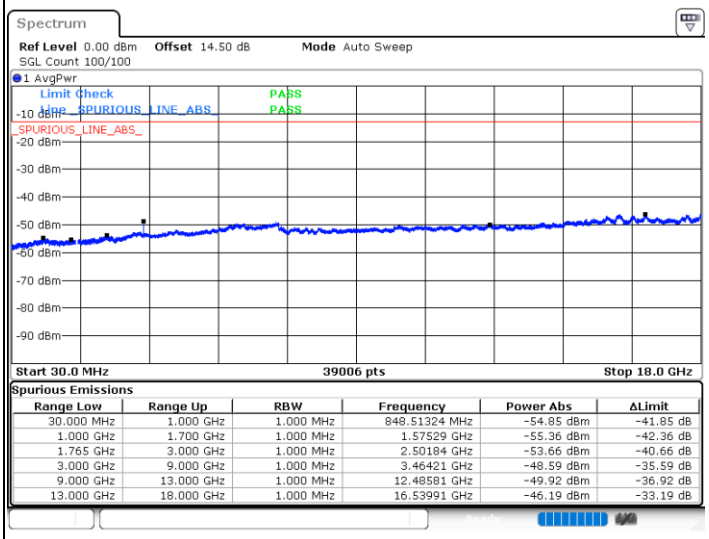


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-54.98 dBm	-41.98 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50884 GHz	-53.86 dBm	-40.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-48.14 dBm	-35.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49831 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98813 GHz	-45.92 dBm	-32.92 dB

Date: 3.AUG.2021 16:22:41

Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.51324 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57529 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50184 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-48.59 dBm	-35.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.48581 GHz	-49.92 dBm	-36.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53991 GHz	-46.19 dBm	-33.19 dB

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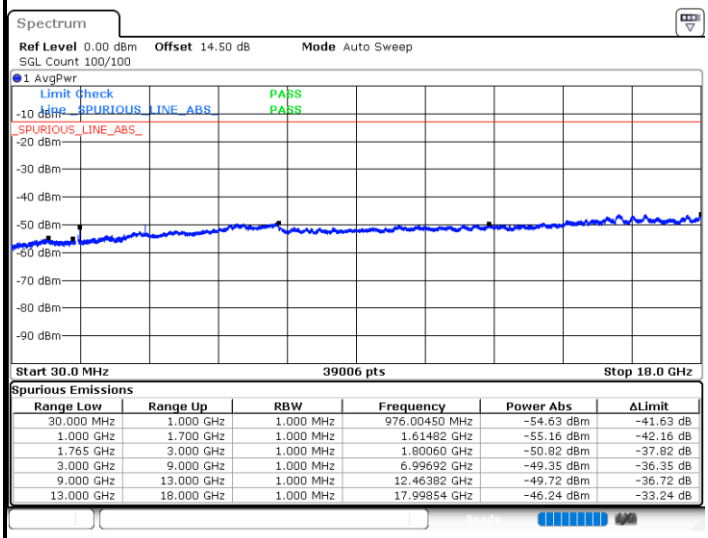
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.63 dBm	-41.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61482 GHz	-55.16 dBm	-42.16 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.80060 GHz	-50.82 dBm	-37.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-49.35 dBm	-36.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46382 GHz	-49.72 dBm	-36.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99854 GHz	-46.24 dBm	-33.24 dB

Date: 3.AUG.2021 16:29:12

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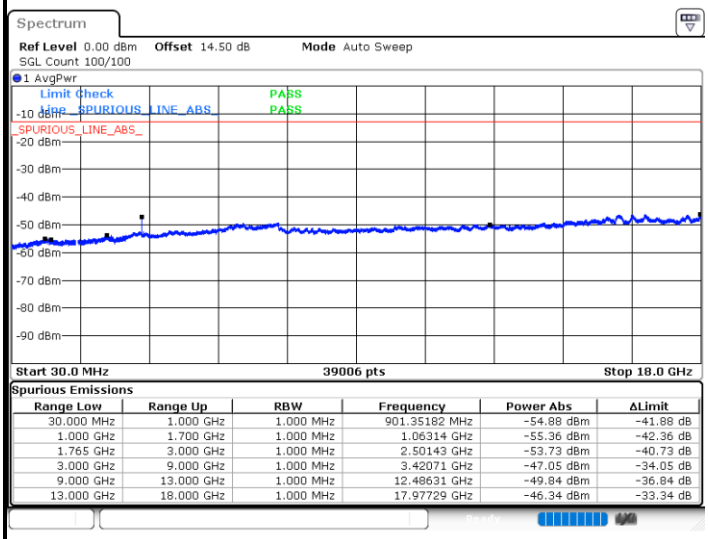
LTE Band 4 / 3MHz

Lowest Channel / 64QAM

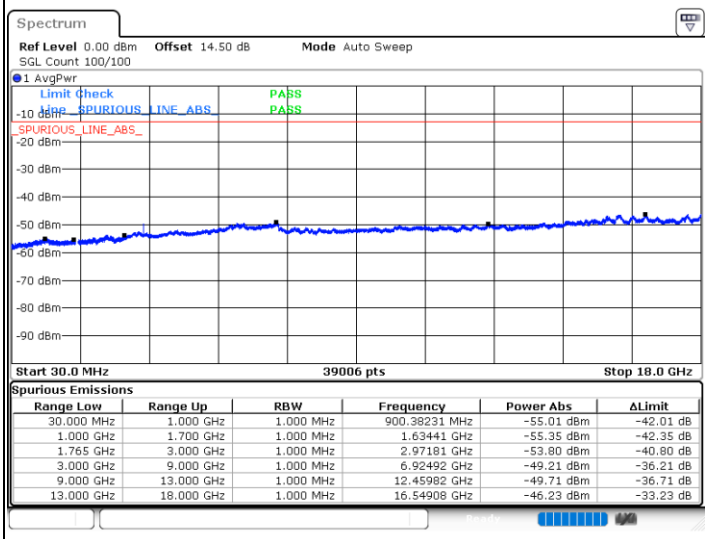


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.06314 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50143 GHz	-53.73 dBm	-40.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-47.05 dBm	-34.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.48631 GHz	-49.84 dBm	-36.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97729 GHz	-46.34 dBm	-33.34 dB

Date: 3.AUG.2021 15:20:32

Middle Channel / 64QAM

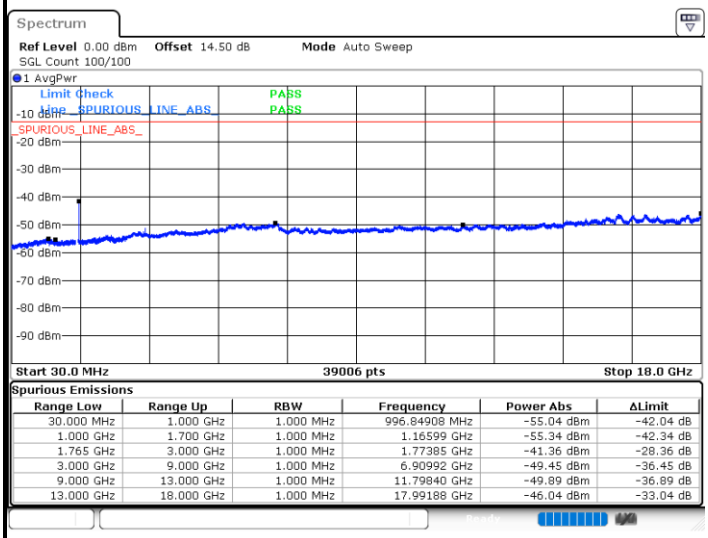


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-55.01 dBm	-42.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63441 GHz	-55.35 dBm	-42.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97181 GHz	-53.80 dBm	-40.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92492 GHz	-49.21 dBm	-36.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45982 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54908 GHz	-46.23 dBm	-33.23 dB

Date: 3.AUG.2021 15:22:04

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.16599 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77385 GHz	-41.36 dBm	-28.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90992 GHz	-49.45 dBm	-36.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79840 GHz	-49.89 dBm	-36.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99188 GHz	-46.04 dBm	-33.04 dB

Date: 3.AUG.2021 15:27:03

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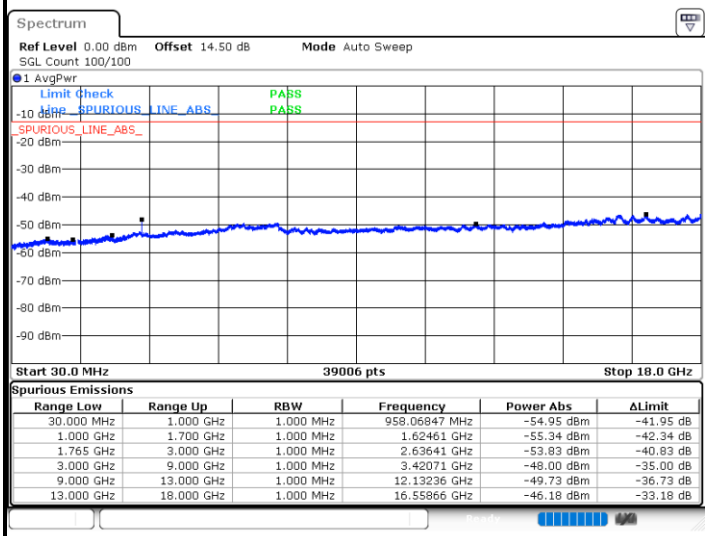
LTE Band 4 / 5MHz

Lowest Channel / 64QAM

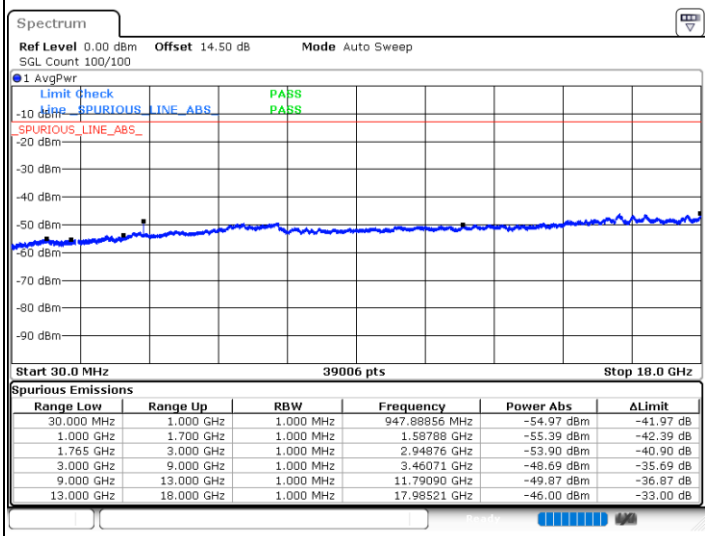


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-54.95 dBm	-41.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62461 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63641 GHz	-53.83 dBm	-40.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-48.00 dBm	-35.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13236 GHz	-49.73 dBm	-36.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55866 GHz	-46.18 dBm	-33.18 dB

Date: 3.AUG.2021 15:32:03

Middle Channel / 64QAM

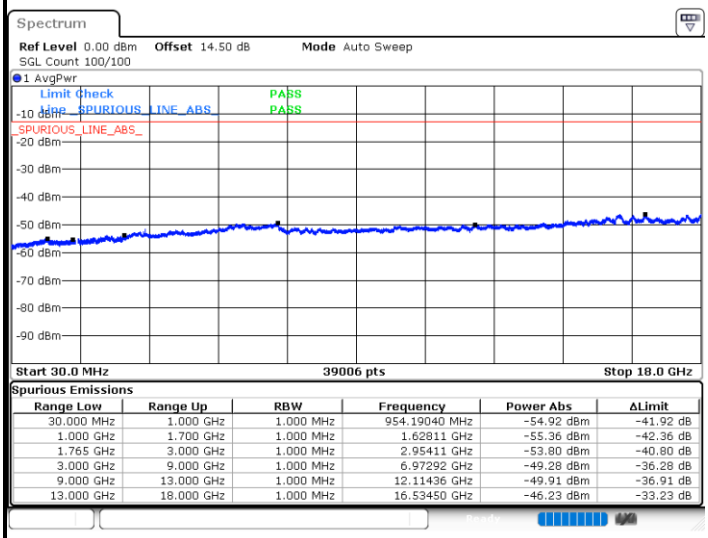


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58788 GHz	-55.39 dBm	-42.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94876 GHz	-53.90 dBm	-40.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-48.69 dBm	-35.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79090 GHz	-49.87 dBm	-36.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98521 GHz	-46.00 dBm	-33.00 dB

Date: 3.AUG.2021 15:33:34

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.19040 MHz	-54.92 dBm	-41.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62811 GHz	-55.36 dBm	-42.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95411 GHz	-53.80 dBm	-40.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97292 GHz	-49.28 dBm	-36.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11436 GHz	-49.91 dBm	-36.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53450 GHz	-46.23 dBm	-33.23 dB

Date: 3.AUG.2021 15:38:34

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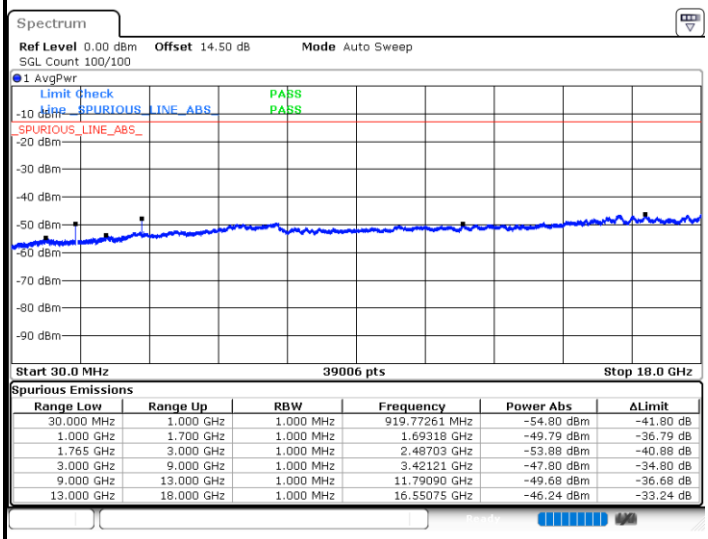
LTE Band 4 / 10MHz

Lowest Channel / 64QAM

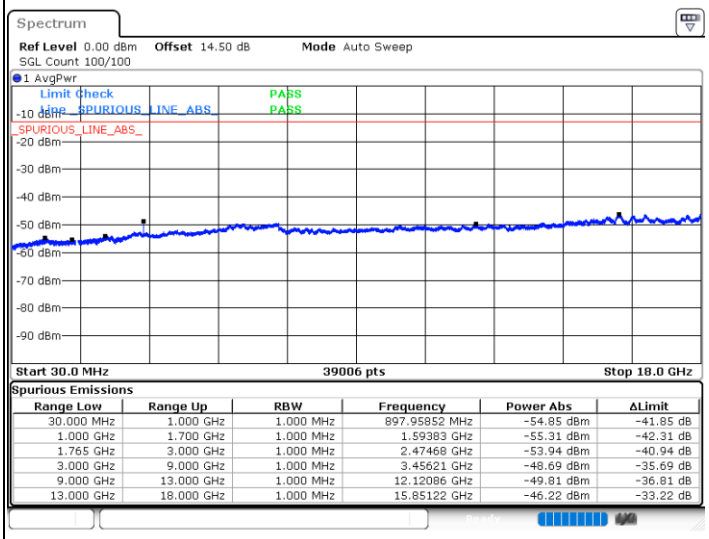


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-49.79 dBm	-36.79 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.48703 GHz	-53.88 dBm	-40.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-47.80 dBm	-34.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79090 GHz	-49.68 dBm	-36.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55075 GHz	-46.24 dBm	-33.24 dB

Date: 3.AUG.2021 15:43:34

Middle Channel / 64QAM

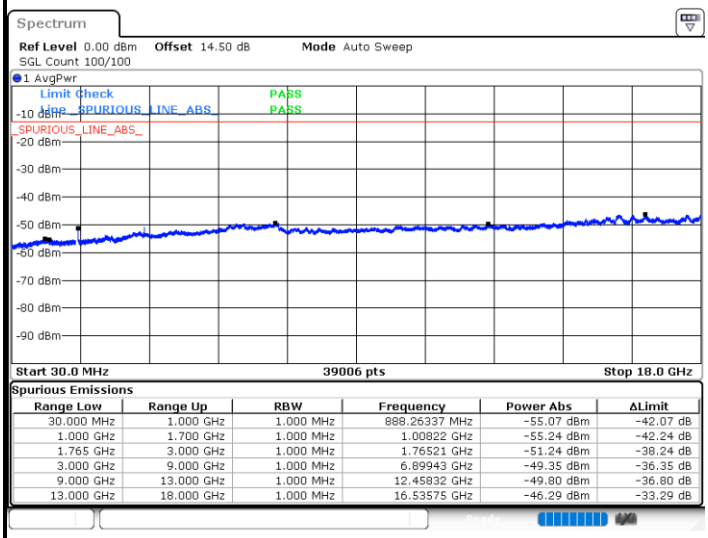


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59383 GHz	-55.31 dBm	-42.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.47468 GHz	-53.94 dBm	-40.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-48.69 dBm	-35.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12086 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85122 GHz	-46.22 dBm	-33.22 dB

Date: 3.AUG.2021 15:45:06

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-55.07 dBm	-42.07 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.00822 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-51.24 dBm	-38.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89943 GHz	-49.35 dBm	-36.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45832 GHz	-49.80 dBm	-36.80 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53575 GHz	-46.29 dBm	-33.29 dB

Date: 3.AUG.2021 15:50:05

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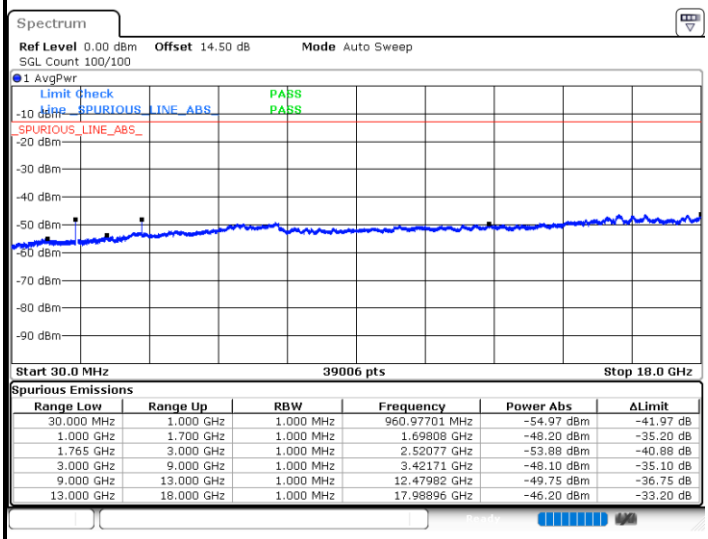
LTE Band 4 / 15MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-48.20 dBm	-35.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.52077 GHz	-53.88 dBm	-40.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-48.10 dBm	-35.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47982 GHz	-49.75 dBm	-36.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98896 GHz	-46.20 dBm	-33.20 dB

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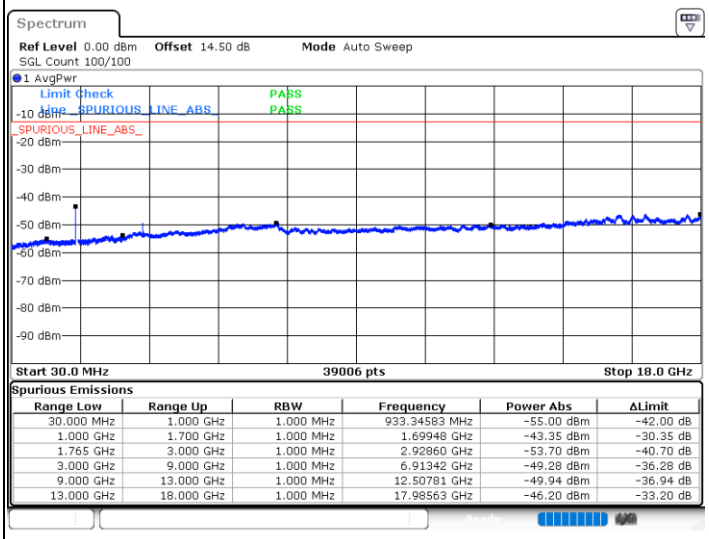
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-55.00 dBm	-42.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-43.35 dBm	-30.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.92860 GHz	-53.70 dBm	-40.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91342 GHz	-49.28 dBm	-36.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.50781 GHz	-49.94 dBm	-36.94 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98563 GHz	-46.20 dBm	-33.20 dB

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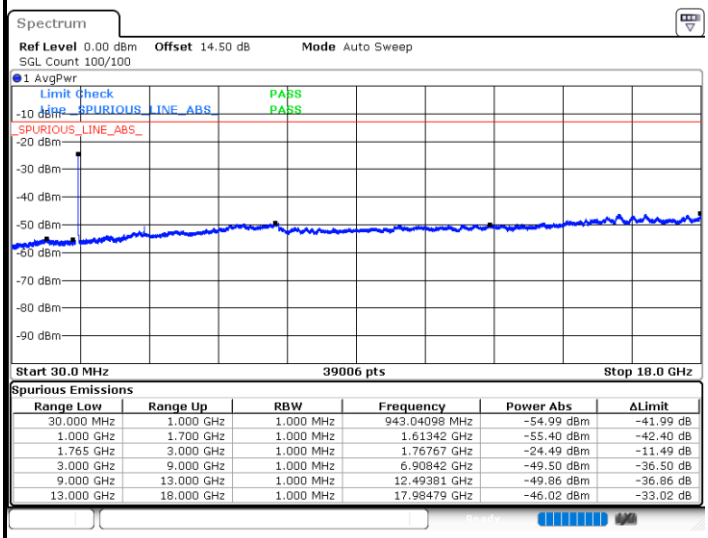
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-54.99 dBm	-41.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61342 GHz	-55.40 dBm	-42.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-24.49 dBm	-11.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90842 GHz	-49.50 dBm	-36.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49381 GHz	-49.86 dBm	-36.86 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98479 GHz	-46.02 dBm	-33.02 dB

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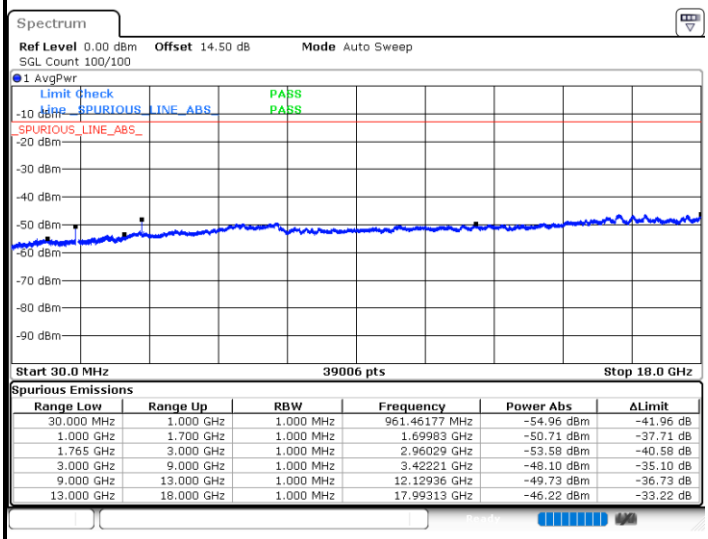
LTE Band 4 / 20MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-54.96 dBm	-41.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-50.71 dBm	-37.71 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96029 GHz	-53.58 dBm	-40.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42221 GHz	-48.10 dBm	-35.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12936 GHz	-49.73 dBm	-36.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99313 GHz	-46.22 dBm	-33.22 dB

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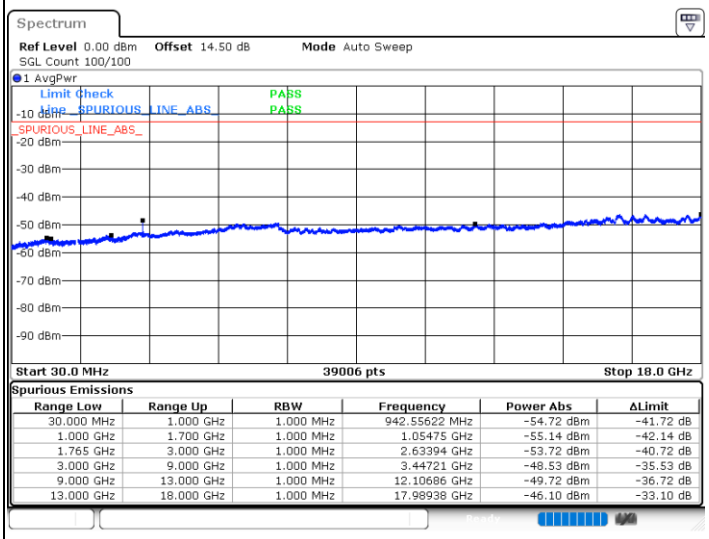
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-54.72 dBm	-41.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05475 GHz	-55.14 dBm	-42.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63394 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.44721 GHz	-48.53 dBm	-35.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10686 GHz	-49.72 dBm	-36.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98938 GHz	-46.10 dBm	-33.10 dB

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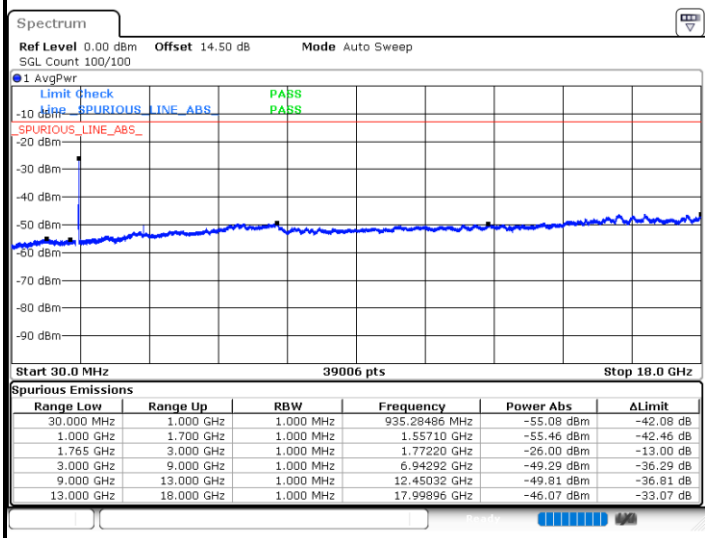
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-55.08 dBm	-42.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55710 GHz	-55.46 dBm	-42.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-26.00 dBm	-13.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94292 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45032 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99896 GHz	-46.07 dBm	-33.07 dB

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Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

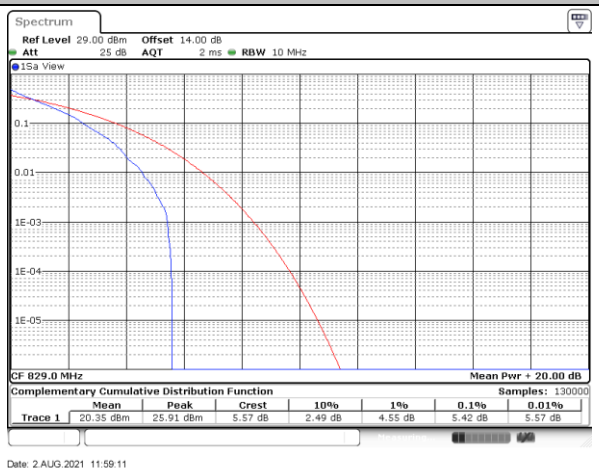
LTE Band 5

Peak-to-Average Ratio

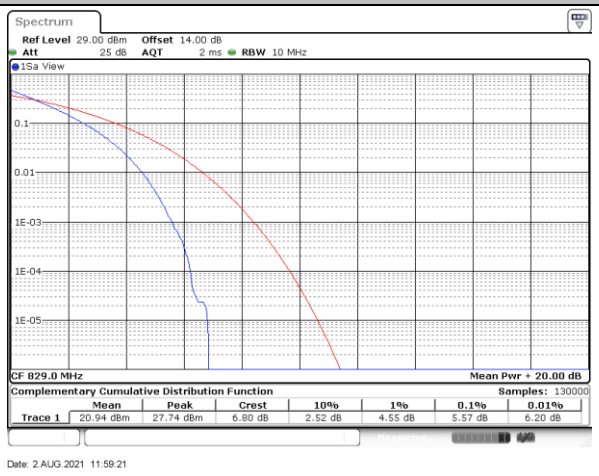
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.42	5.57	6.75	6.43	PASS
Middle CH	5.68	5.48	7.01	6.26	
Highest CH	5.01	5.68	6.14	6.32	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.90	6.52	-	-	PASS
Middle CH	7.10	6.43	-	-	
Highest CH	6.81	6.38	-	-	

LTE Band 5 / 10MHz / QPSK

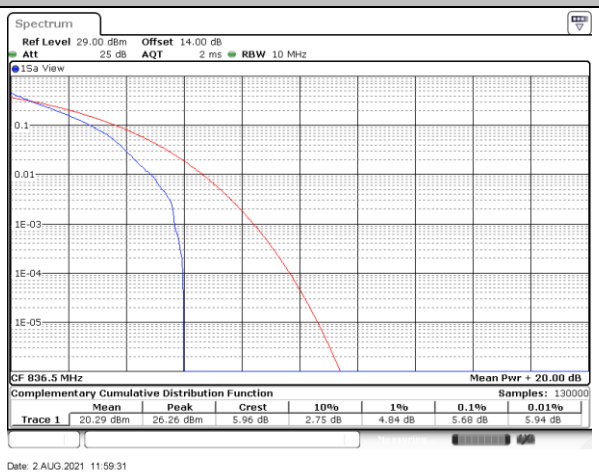
Lowest Channel / 1RB



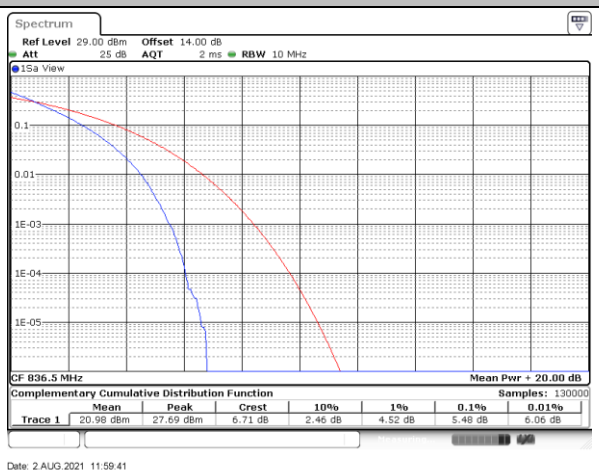
Lowest Channel / Full RB



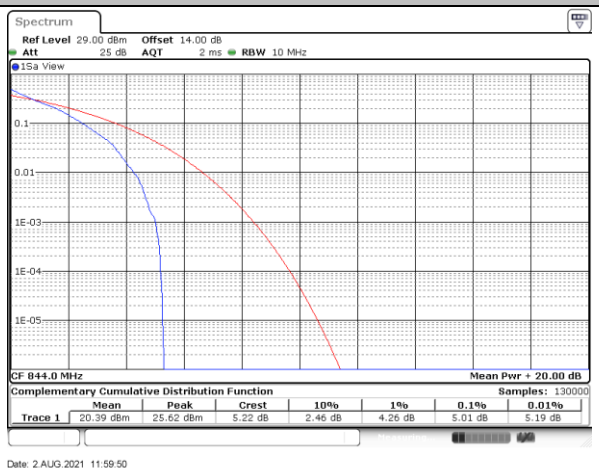
Middle Channel / 1RB



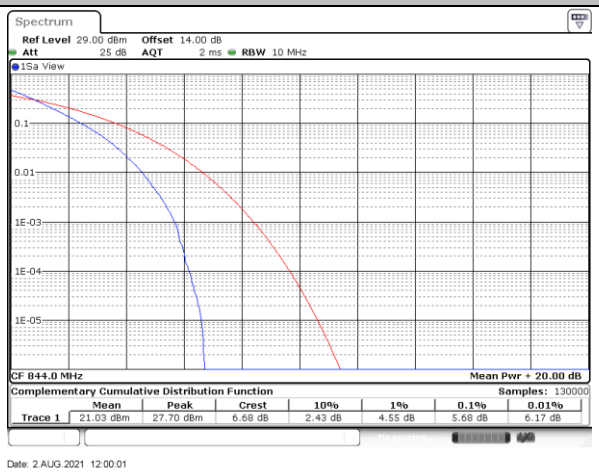
Middle Channel / Full RB



Highest Channel / 1RB

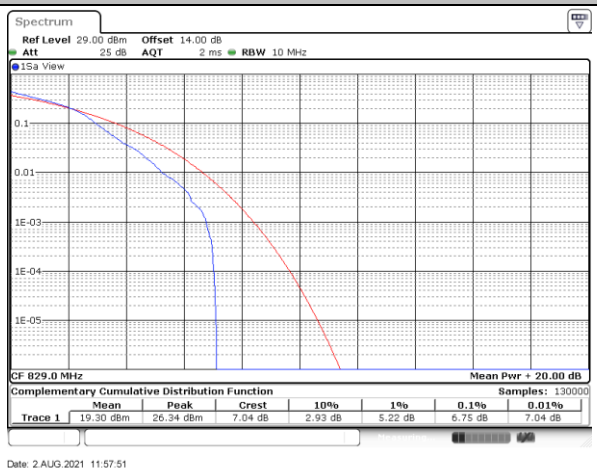


Highest Channel / Full RB

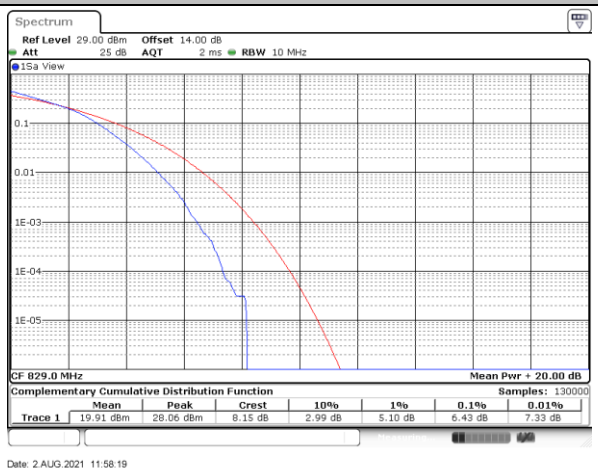


LTE Band 5 / 10MHz / 16QAM

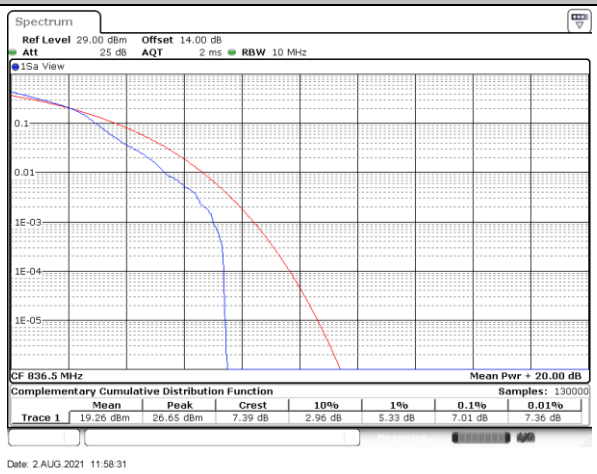
Lowest Channel / 1RB



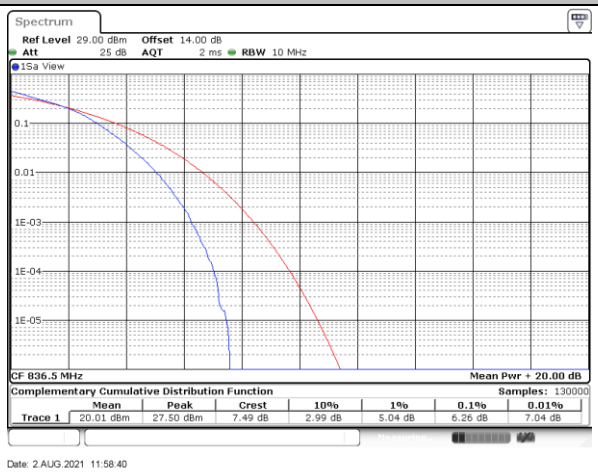
Lowest Channel / Full RB



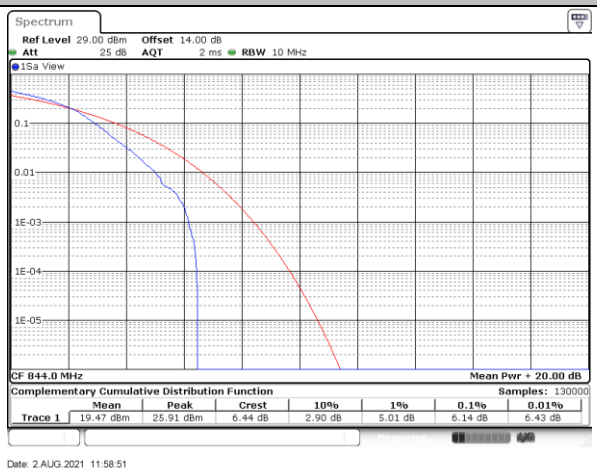
Middle Channel / 1RB



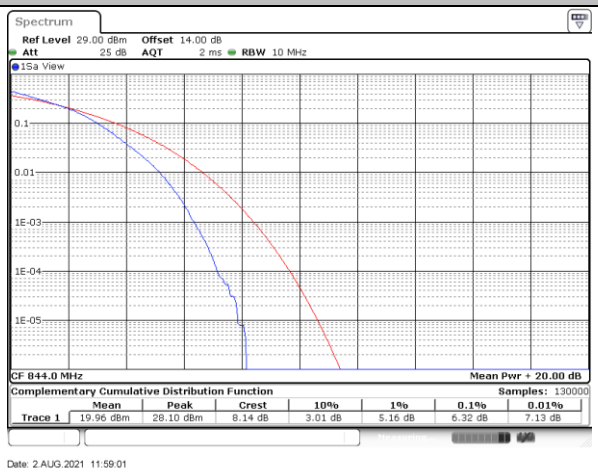
Middle Channel / Full RB



Highest Channel / 1RB

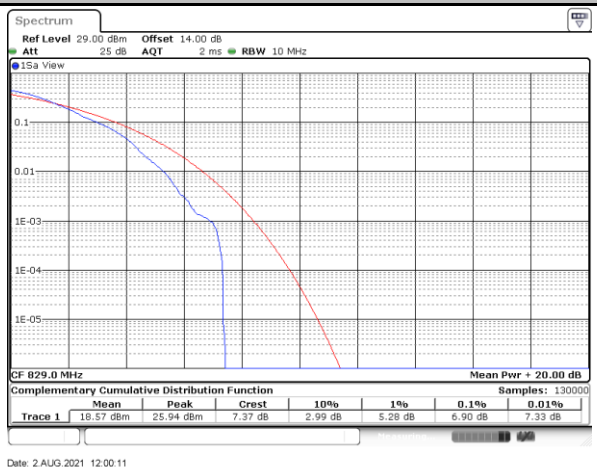


Highest Channel / Full RB

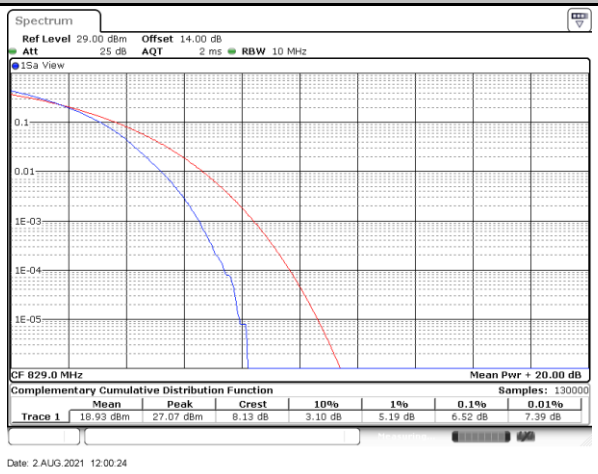


LTE Band 5 / 10MHz / 64QAM

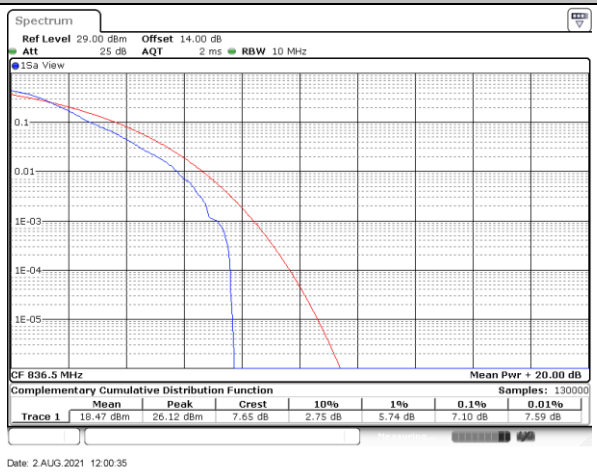
Lowest Channel / 1RB



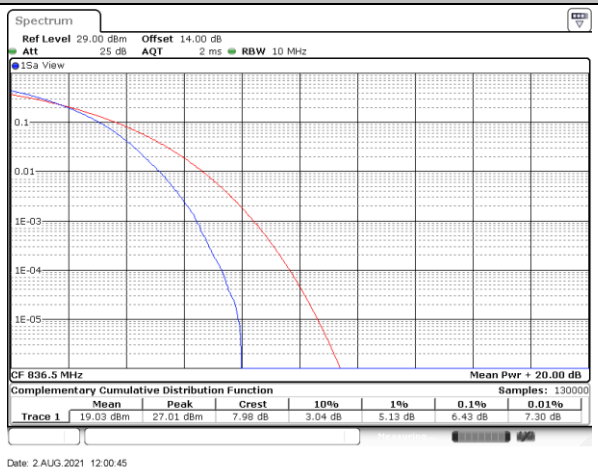
Lowest Channel / Full RB



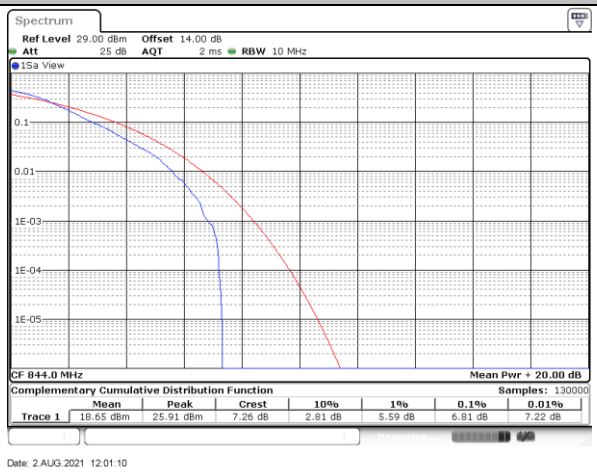
Middle Channel / 1RB



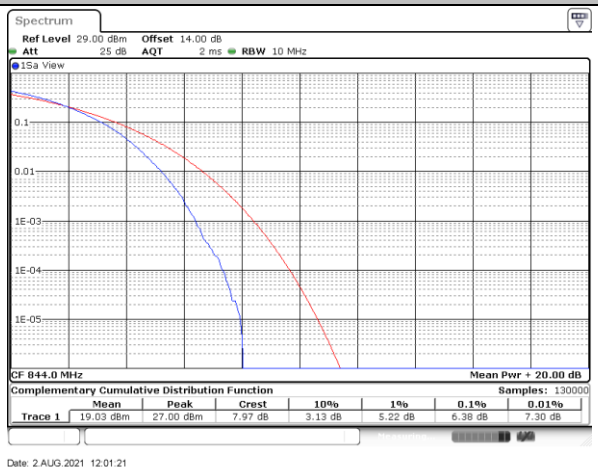
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

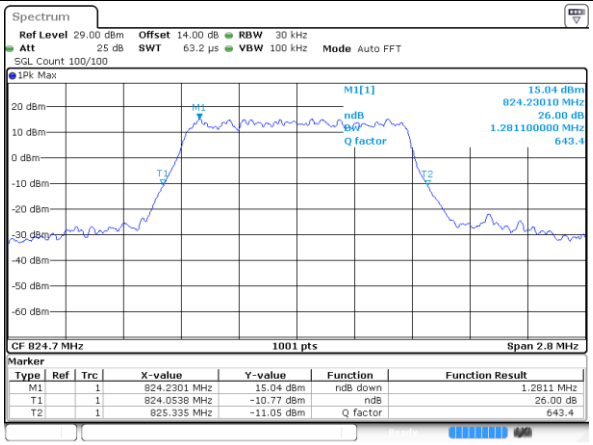


26dB Bandwidth

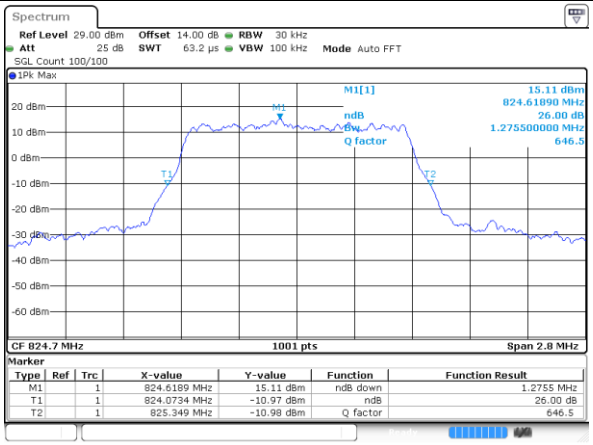
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	1.28	1.28	2.99	2.94	4.83	4.84	9.81	9.77	-	-	-	-
Middle CH	1.29	1.26	2.96	2.95	4.85	4.87	9.65	9.71	-	-	-	-
Highest CH	1.28	1.27	2.97	2.94	4.84	4.85	9.73	9.87	-	-	-	-
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.27	-	2.92	-	4.94	-	9.93	-	-	-	-	-
Middle CH	1.26	-	2.97	-	4.87	-	9.83	-	-	-	-	-
Highest CH	1.26	-	2.97	-	4.90	-	9.85	-	-	-	-	-

LTE Band 5

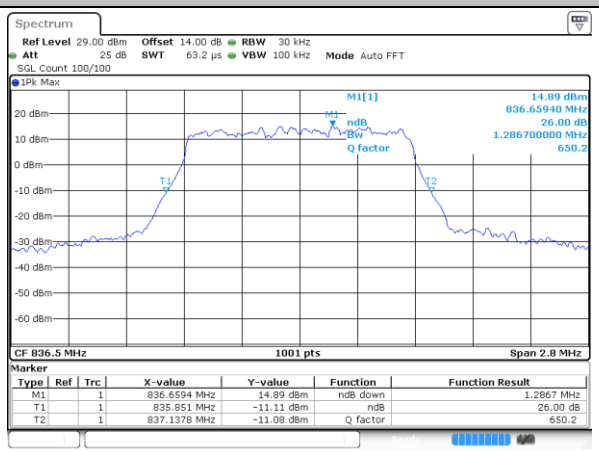
Lowest Channel / 1.4MHz / QPSK



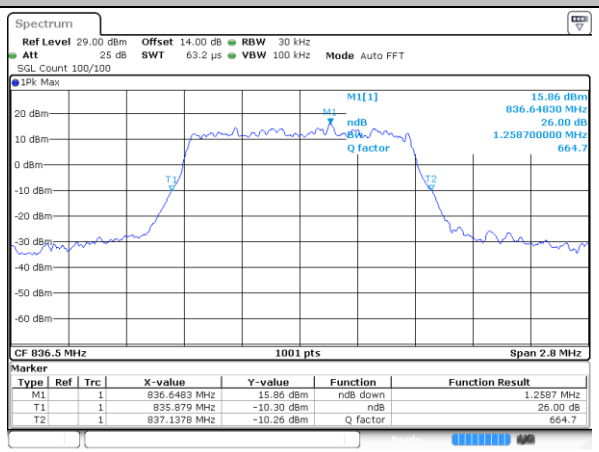
Lowest Channel / 1.4MHz / 16QAM



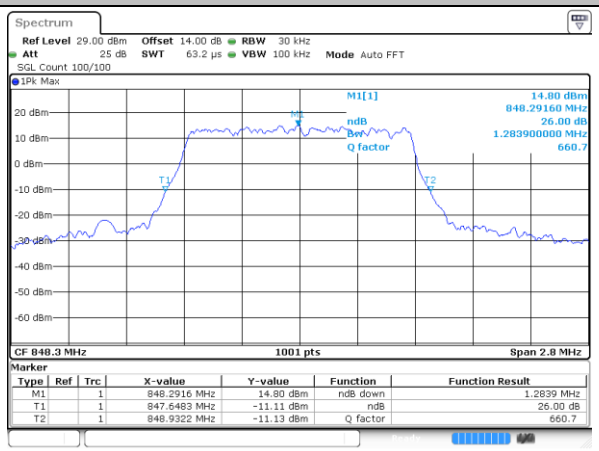
Middle Channel / 1.4MHz / QPSK



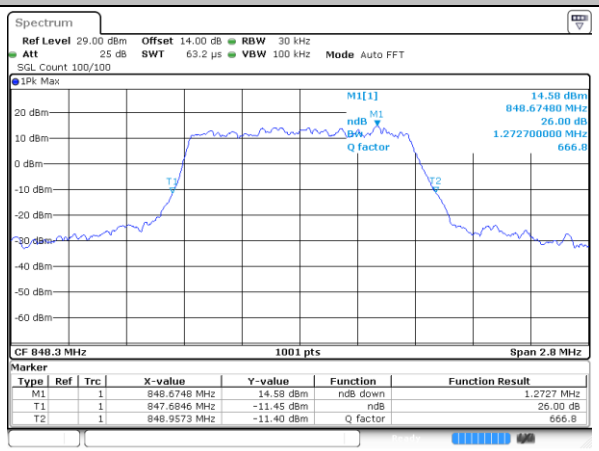
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

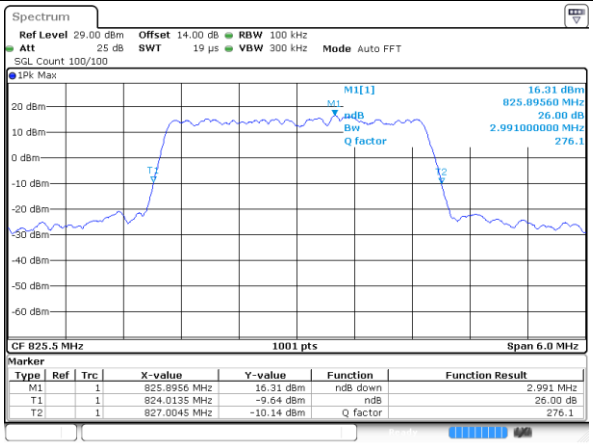


Highest Channel / 1.4MHz / 16QAM

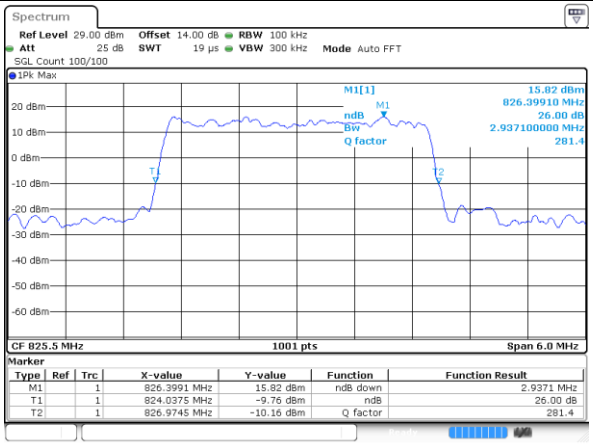


LTE Band 5

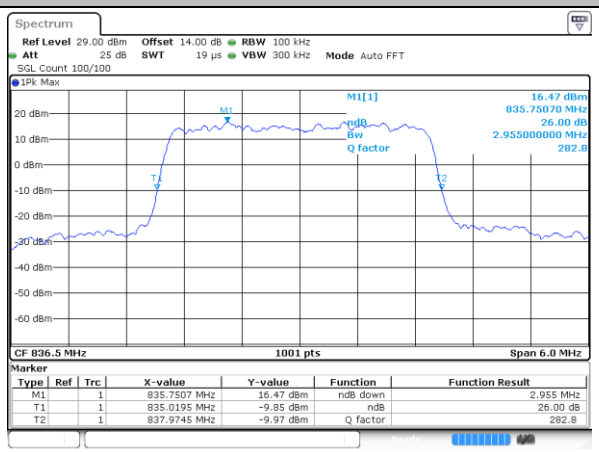
Lowest Channel / 3MHz / QPSK



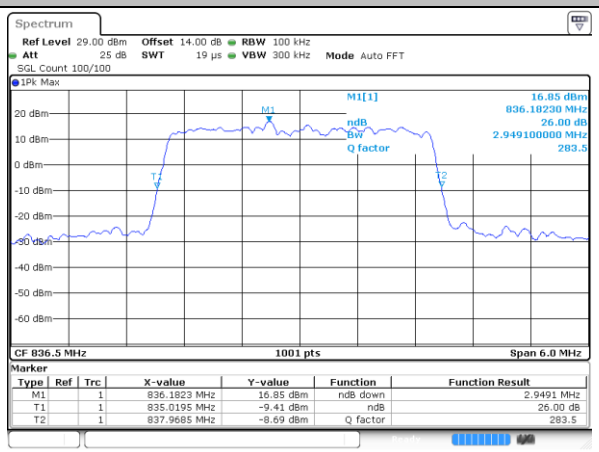
Lowest Channel / 3MHz / 16QAM



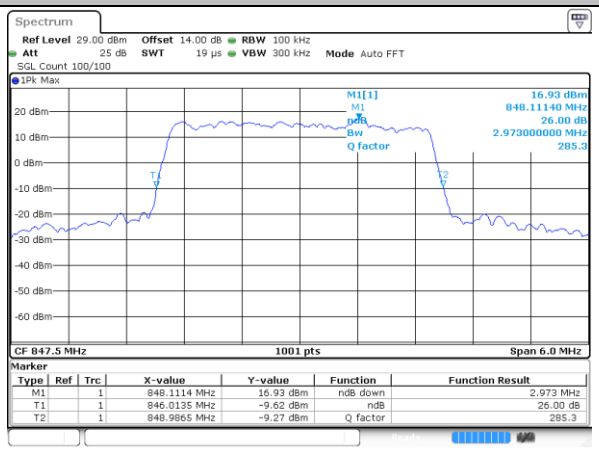
Middle Channel / 3MHz / QPSK



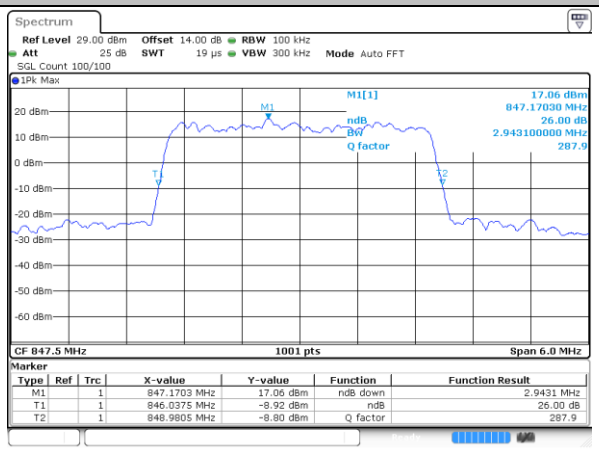
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

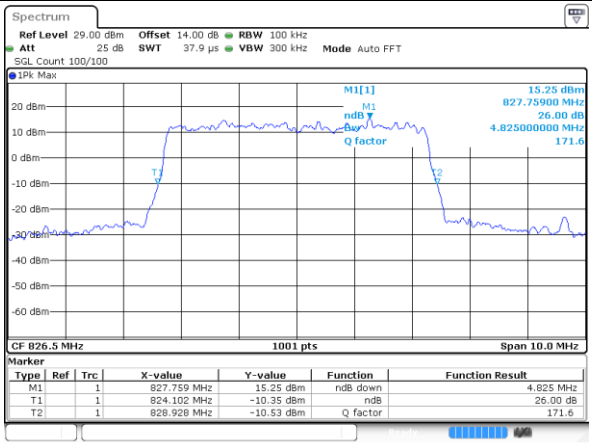


Highest Channel / 3MHz / 16QAM

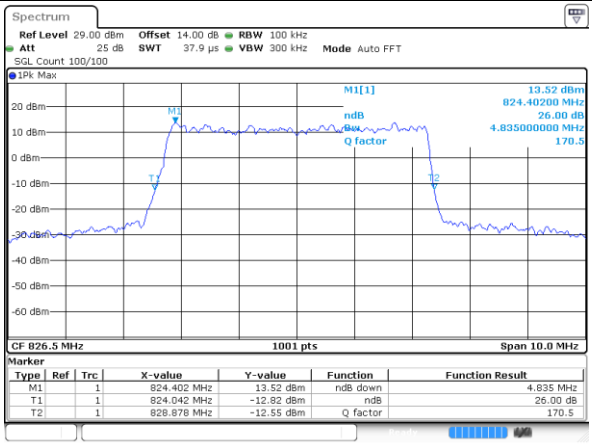


LTE Band 5

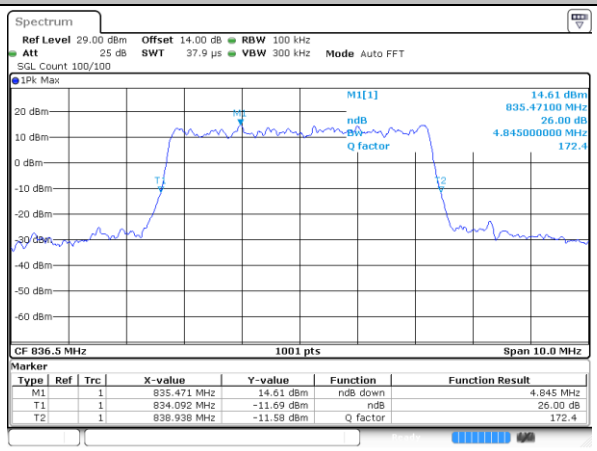
Lowest Channel / 5MHz / QPSK



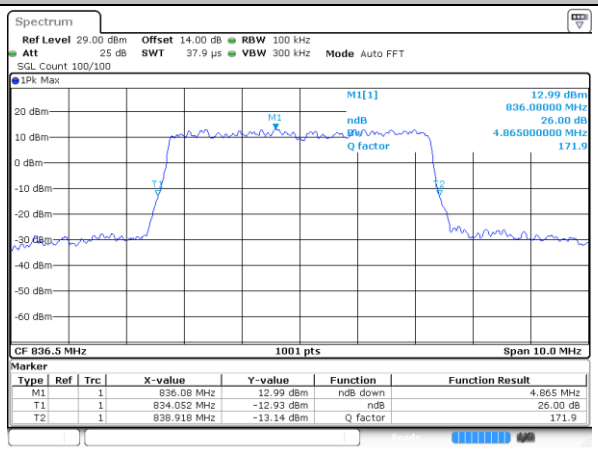
Lowest Channel / 5MHz / 16QAM



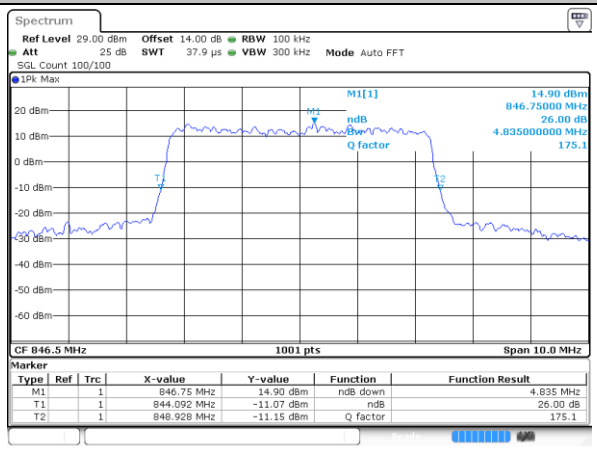
Middle Channel / 5MHz / QPSK



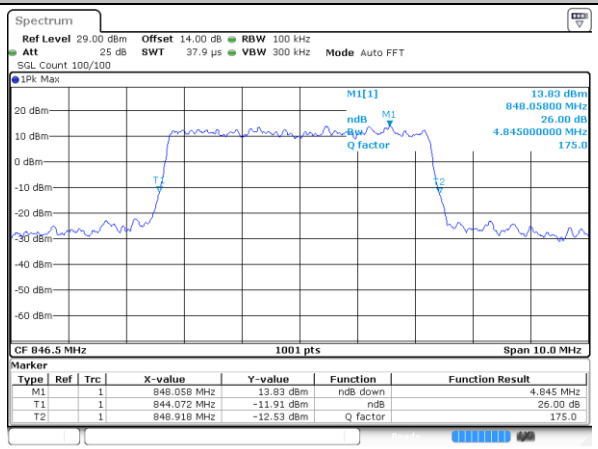
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

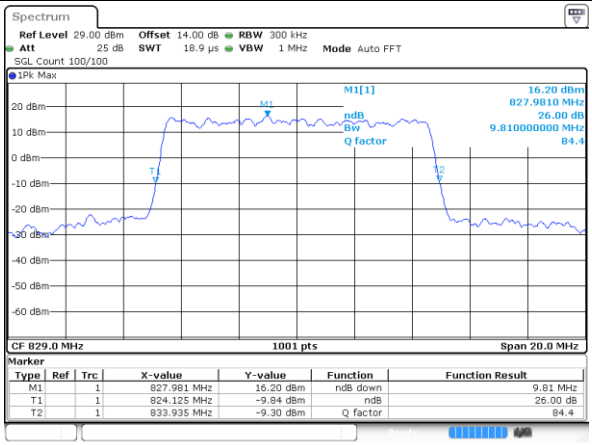


Highest Channel / 5MHz / 16QAM



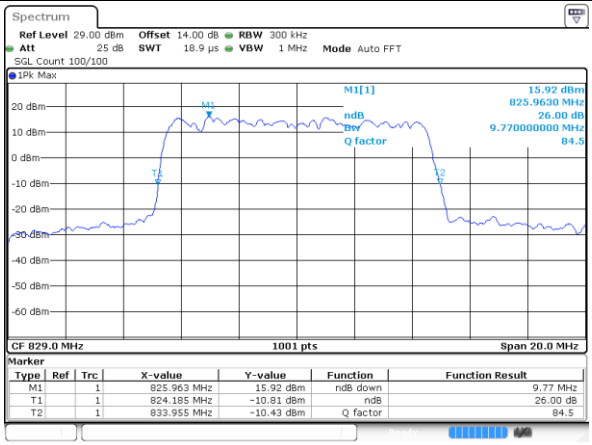
LTE Band 5

Lowest Channel / 10MHz / QPSK



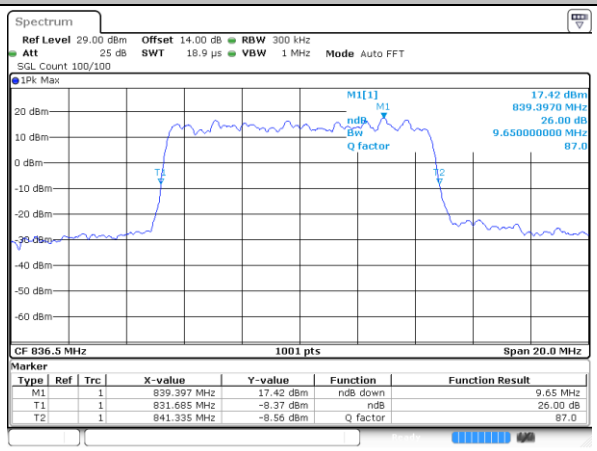
Date: 2.AUG.2021 11:24:00

Lowest Channel / 10MHz / 16QAM



Date: 2.AUG.2021 11:24:10

Middle Channel / 10MHz / QPSK



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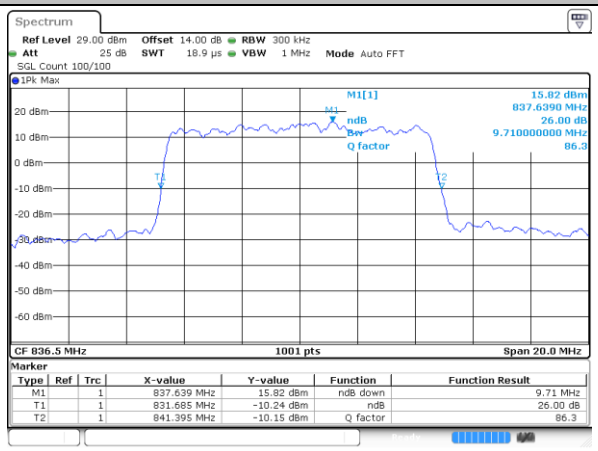
Middle Channel / 10MHz / 16QAM



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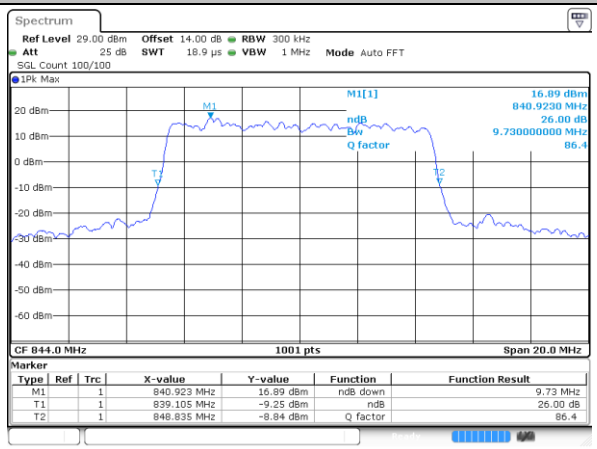
Highest Channel / 10MHz / QPSK



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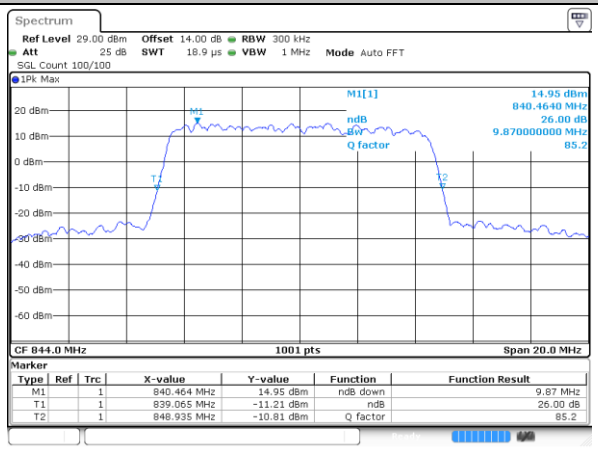
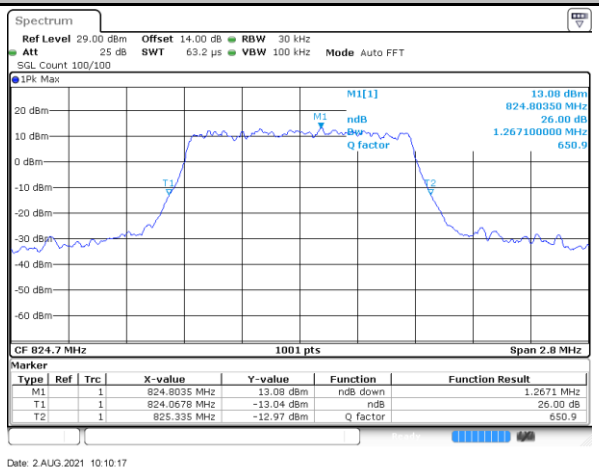
Highest Channel / 10MHz / 16QAM



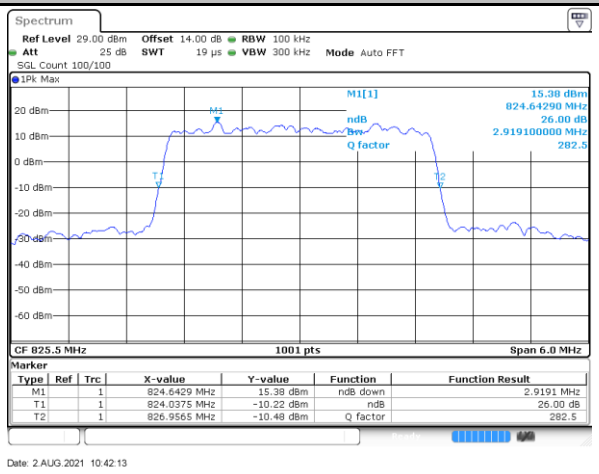
Date: 2.AUG.2021 11:36:10

LTE Band 5

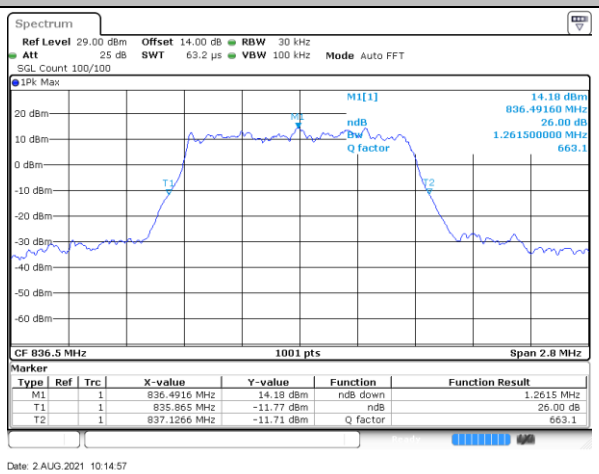
Lowest Channel / 1.4MHz / 64QAM



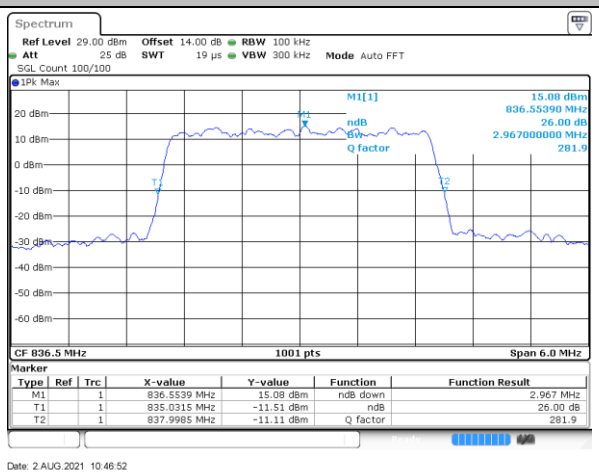
Lowest Channel / 3MHz / 64QAM



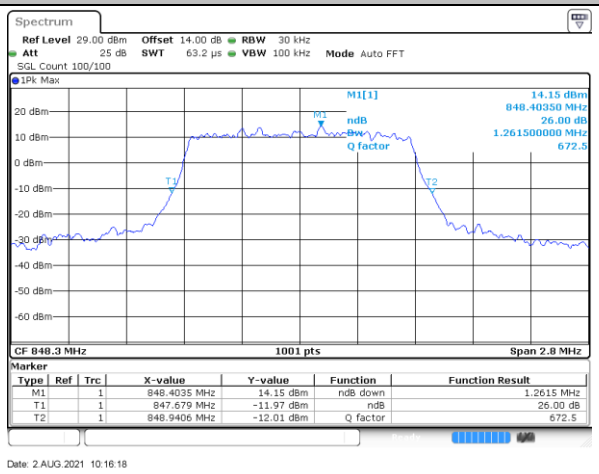
Middle Channel / 1.4MHz / 64QAM



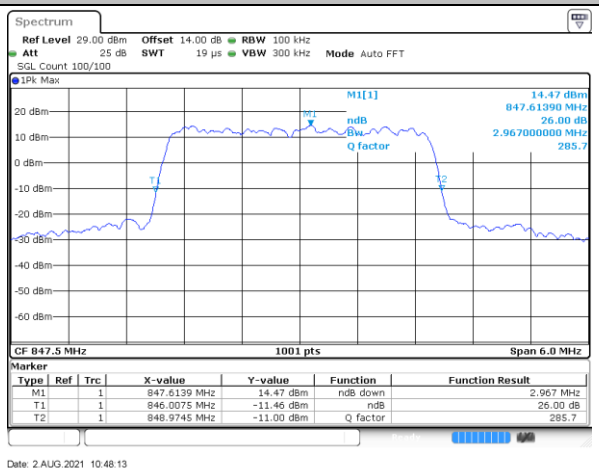
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

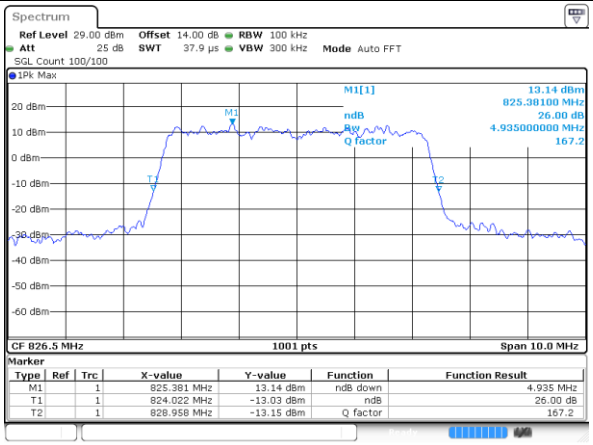


Highest Channel / 3MHz / 64QAM

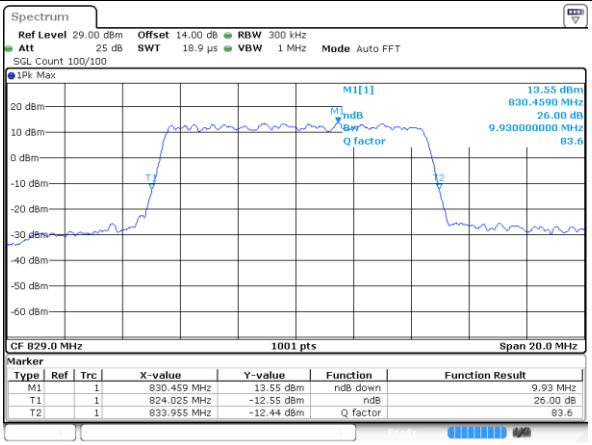


LTE Band 5

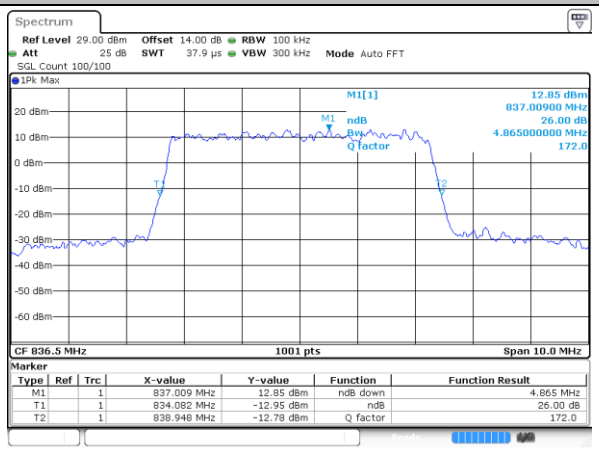
Lowest Channel / 5MHz / 64QAM



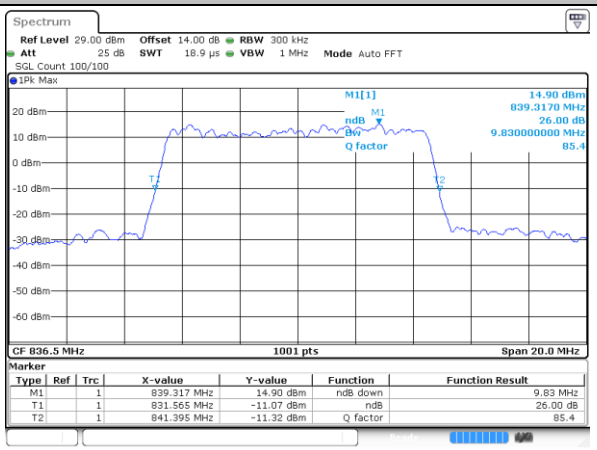
Lowest Channel / 10MHz / 64QAM



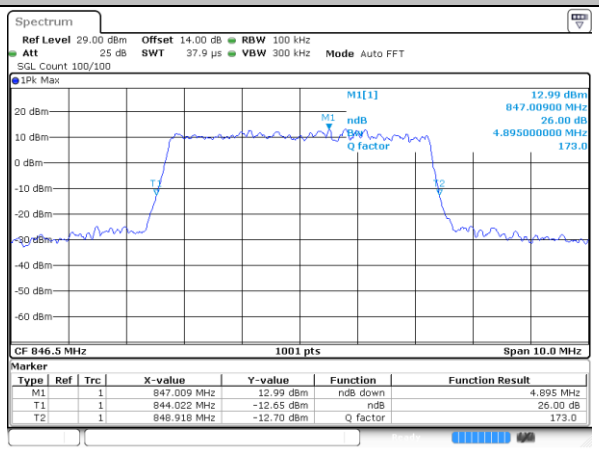
Middle Channel / 5MHz / 64QAM



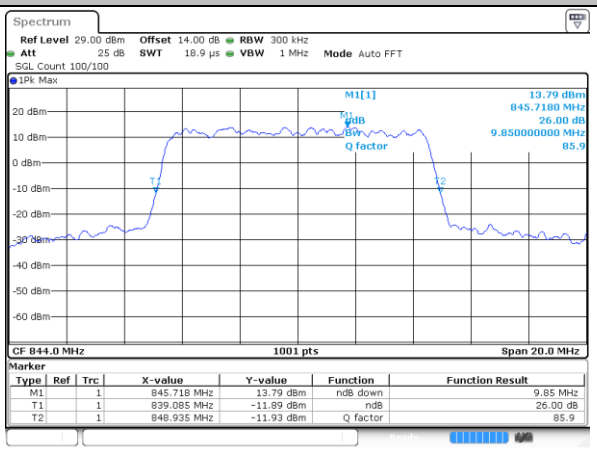
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

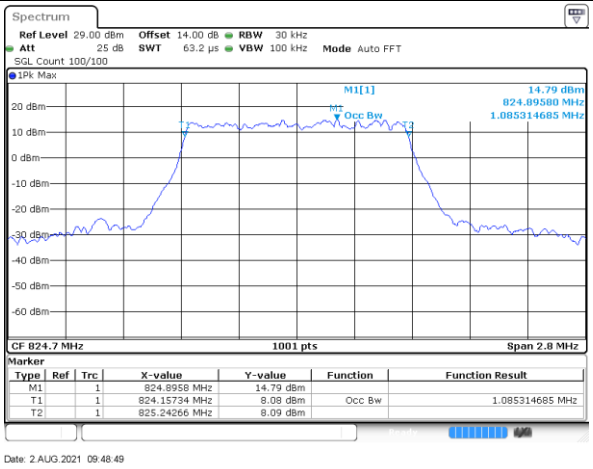


Occupied Bandwidth

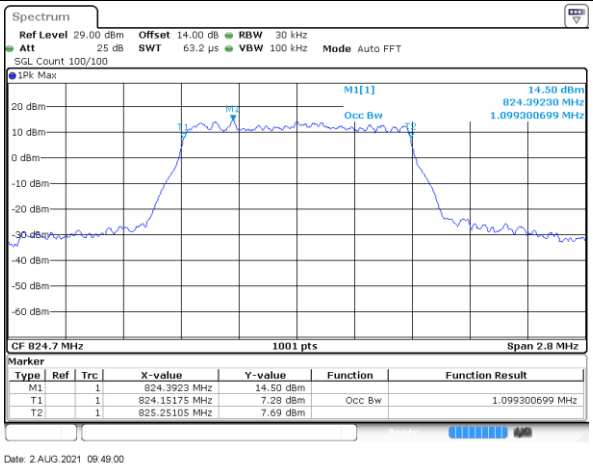
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.73	4.49	4.49	9.03	9.07	-	-	-	-
Middle CH	1.10	1.09	2.70	2.72	4.50	4.50	9.03	9.05	-	-	-	-
Highest CH	1.09	1.10	2.72	2.71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

LTE Band 5

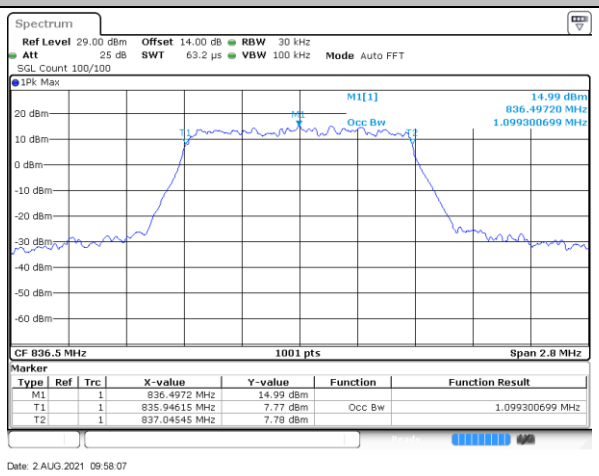
Lowest Channel / 1.4MHz / QPSK



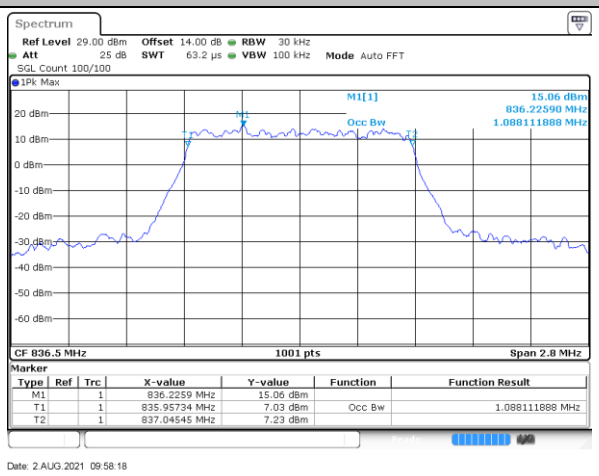
Lowest Channel / 1.4MHz / 16QAM



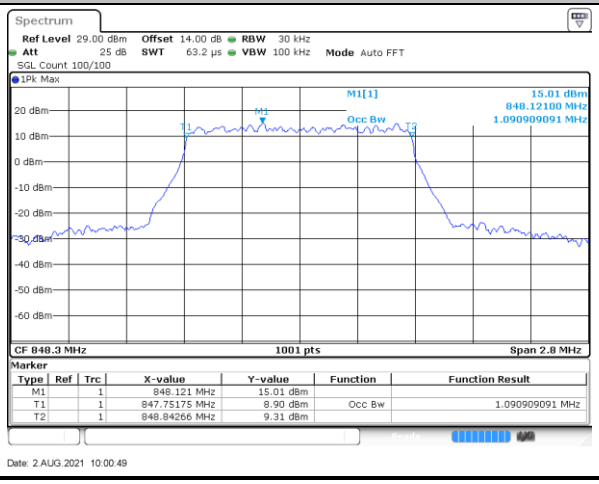
Middle Channel / 1.4MHz / QPSK



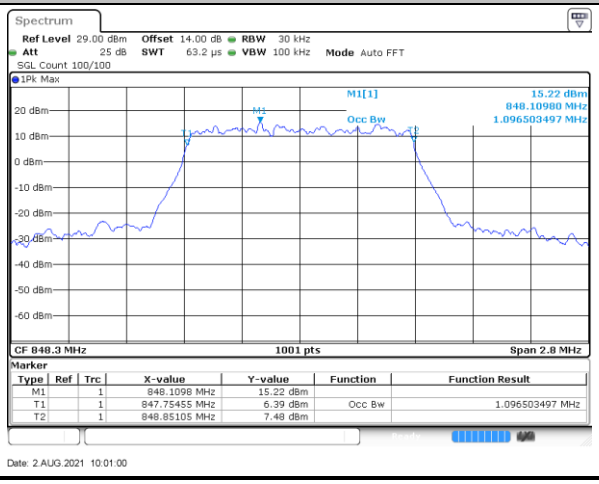
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

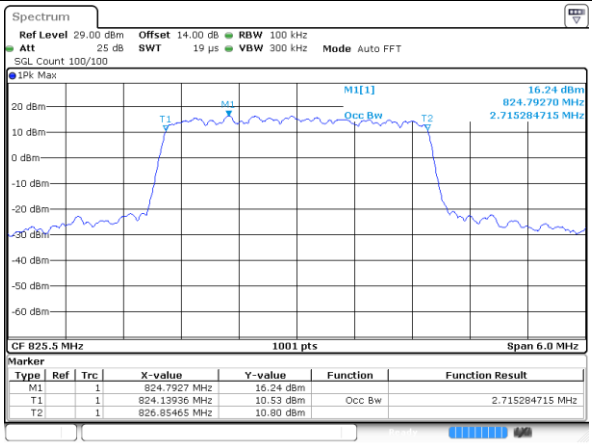


Highest Channel / 1.4MHz / 16QAM

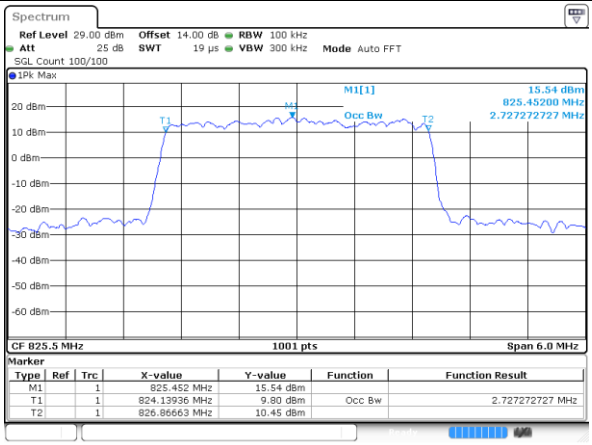


LTE Band 5

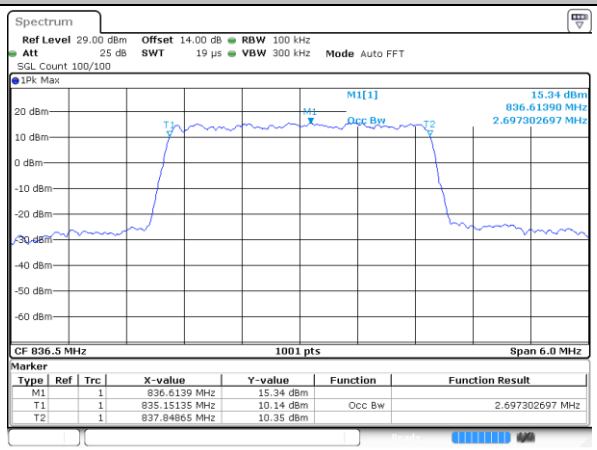
Lowest Channel / 3MHz / QPSK



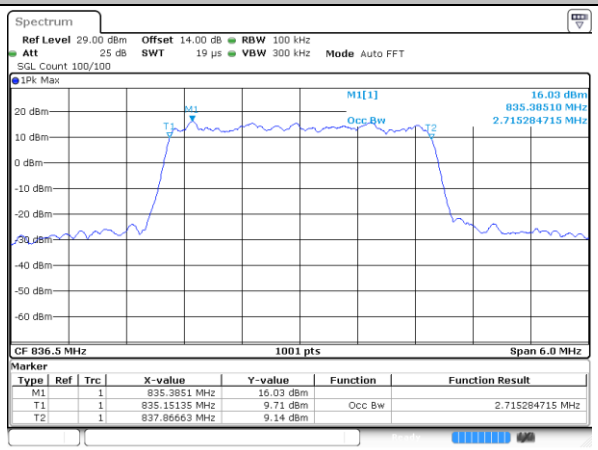
Lowest Channel / 3MHz / 16QAM



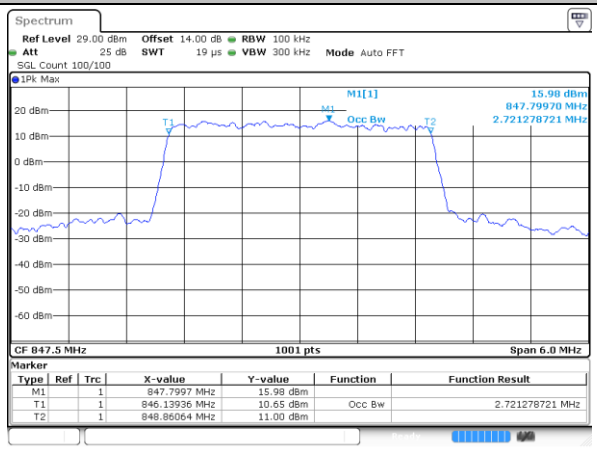
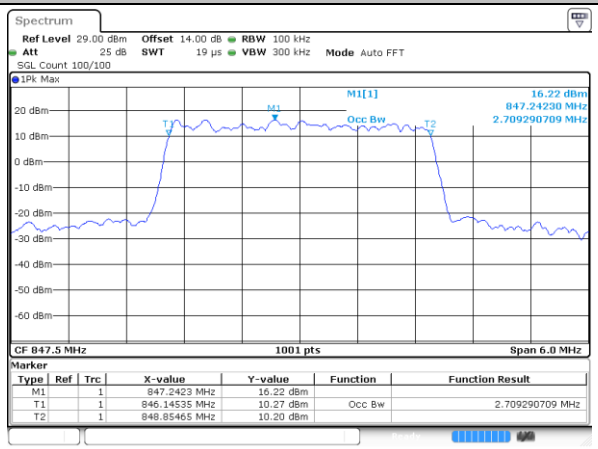
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM