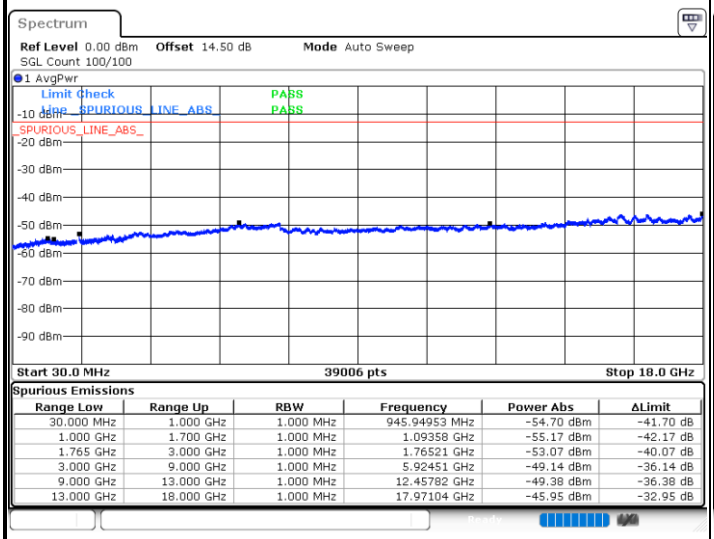
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

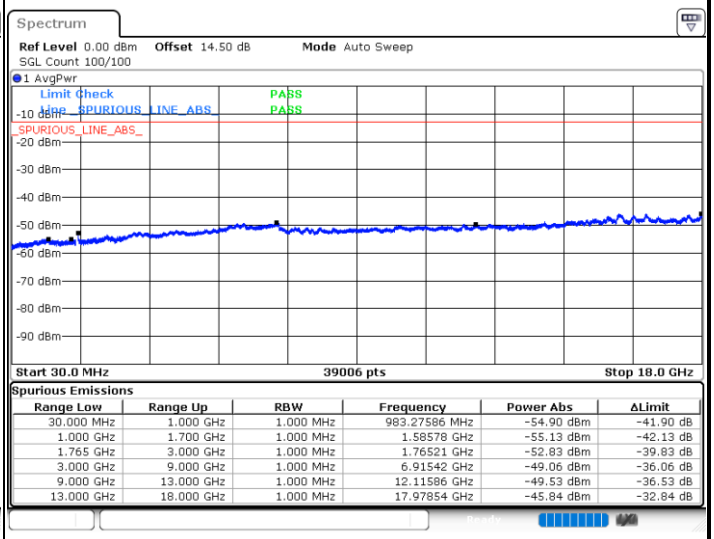


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.94953 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.09358 GHz	-55.17 dBm	-42.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.92451 GHz	-49.14 dBm	-36.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45782 GHz	-49.38 dBm	-36.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97104 GHz	-45.95 dBm	-32.95 dB

Date: 15.OCT.2021 21:34:55

Highest Channel / 16QAM



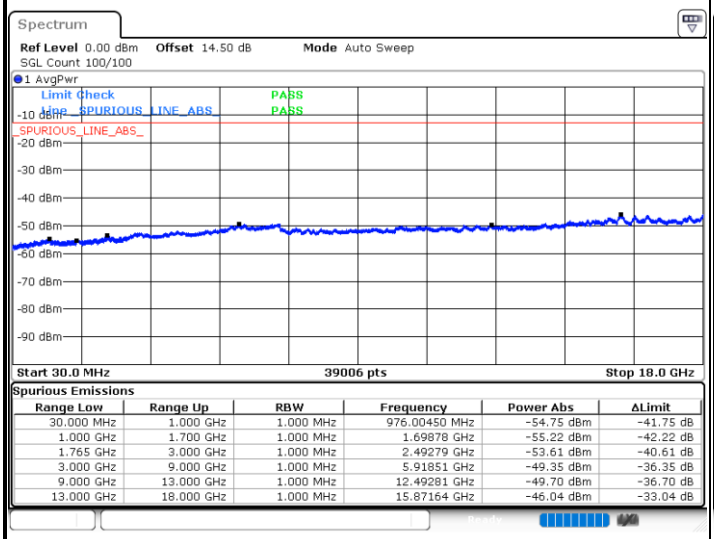
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-54.90 dBm	-41.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58578 GHz	-55.13 dBm	-42.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-52.83 dBm	-39.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91542 GHz	-49.06 dBm	-36.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11586 GHz	-49.53 dBm	-36.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.97854 GHz	-45.84 dBm	-32.84 dB

Date: 15.OCT.2021 21:36:44

LTE Band 4 / 3MHz

Lowest Channel / QPSK

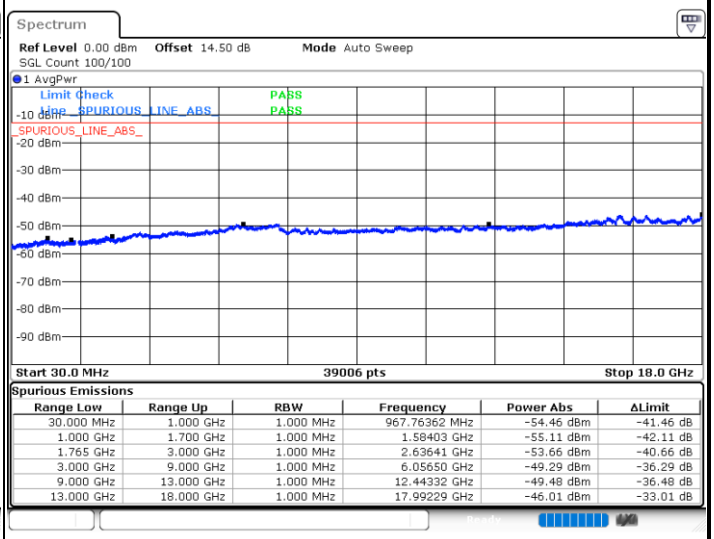


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-55.22 dBm	-42.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49279 GHz	-53.61 dBm	-40.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.91851 GHz	-49.35 dBm	-36.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49281 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87164 GHz	-46.04 dBm	-33.04 dB

Date: 15.OCT.2021 18:59:01

Lowest Channel / 16QAM



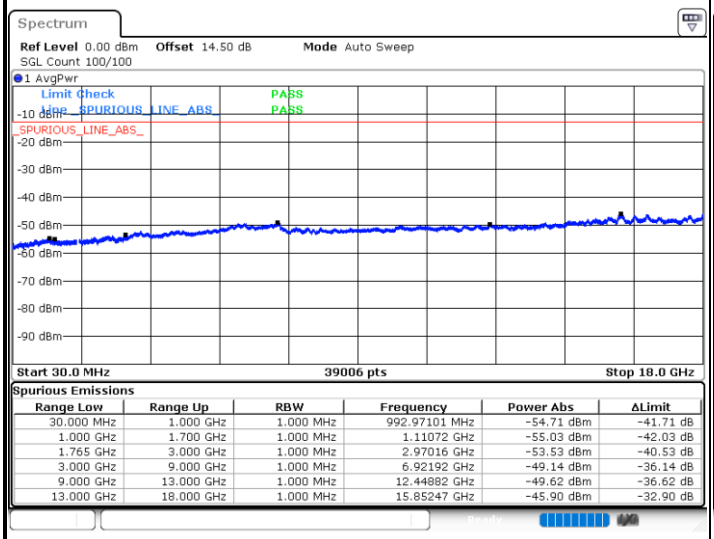
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-54.46 dBm	-41.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58403 GHz	-55.11 dBm	-42.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63641 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.05650 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44332 GHz	-49.48 dBm	-36.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99229 GHz	-46.01 dBm	-33.01 dB

Date: 15.OCT.2021 18:59:39

LTE Band 4 / 3MHz

Middle Channel / QPSK

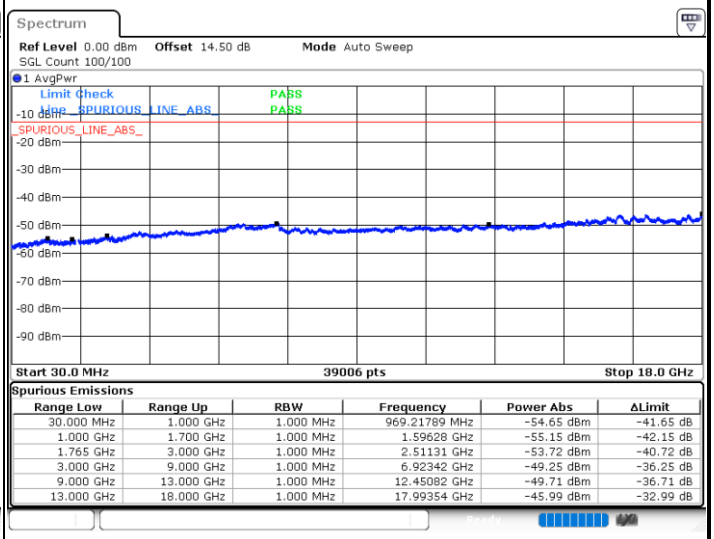


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.11072 GHz	-55.03 dBm	-42.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97016 GHz	-53.53 dBm	-40.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92192 GHz	-49.14 dBm	-36.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44882 GHz	-49.62 dBm	-36.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85247 GHz	-45.90 dBm	-32.90 dB

Date: 15.OCT.2021 19:01:01

Middle Channel / 16QAM

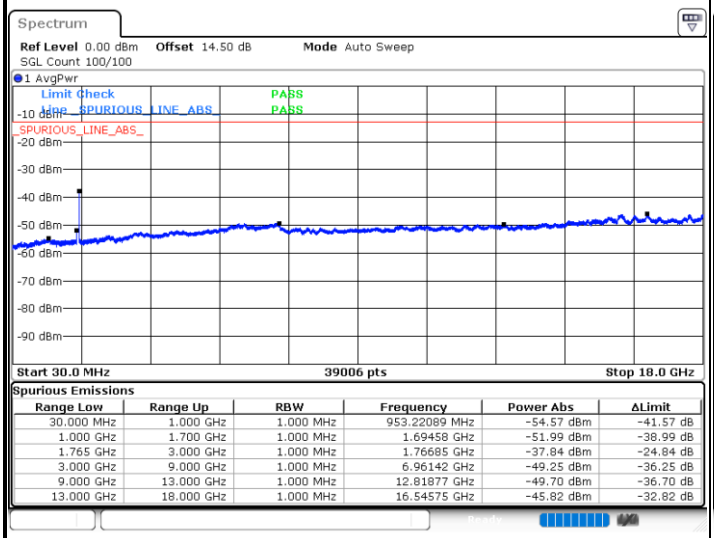


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-54.65 dBm	-41.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59628 GHz	-55.15 dBm	-42.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51131 GHz	-53.72 dBm	-40.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92342 GHz	-49.25 dBm	-36.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45082 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99354 GHz	-45.99 dBm	-32.99 dB

Date: 15.OCT.2021 19:01:39

Highest Channel / QPSK

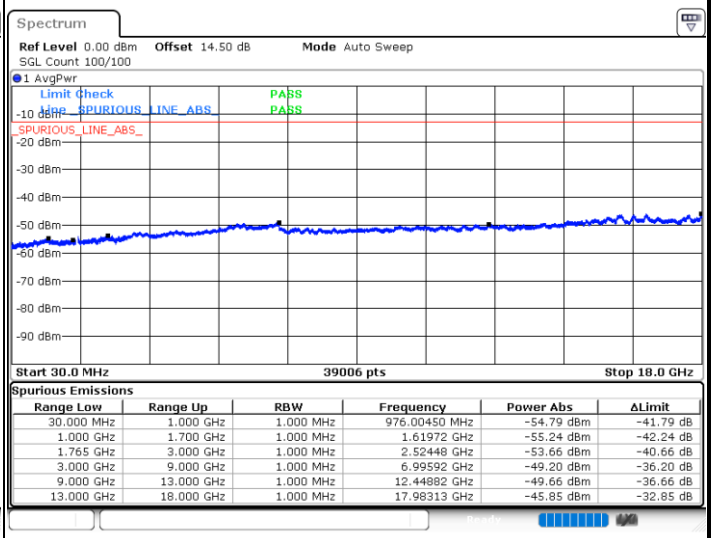


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-54.57 dBm	-41.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-51.99 dBm	-38.99 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76685 GHz	-37.84 dBm	-24.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96142 GHz	-49.25 dBm	-36.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81877 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54575 GHz	-45.82 dBm	-32.82 dB

Date: 15.OCT.2021 19:05:17

Highest Channel / 16QAM



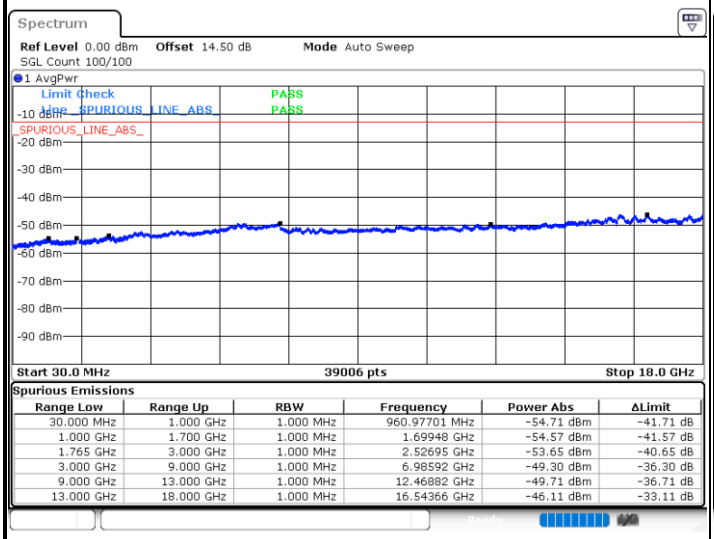
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61972 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.52448 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-49.20 dBm	-36.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44882 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98313 GHz	-45.85 dBm	-32.85 dB

Date: 15.OCT.2021 19:05:55

LTE Band 4 / 5MHz

Lowest Channel / QPSK

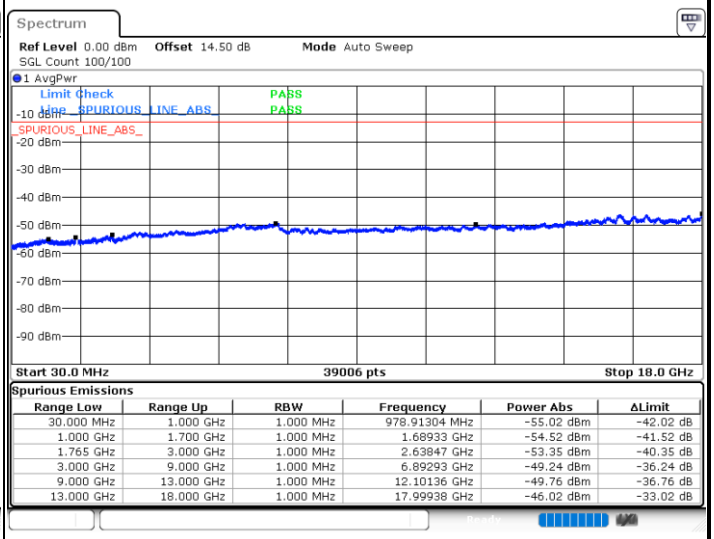


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-54.57 dBm	-41.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.52695 GHz	-53.65 dBm	-40.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-49.30 dBm	-36.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46882 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54366 GHz	-46.11 dBm	-33.11 dB

Date: 15.OCT.2021 19:09:34

Lowest Channel / 16QAM

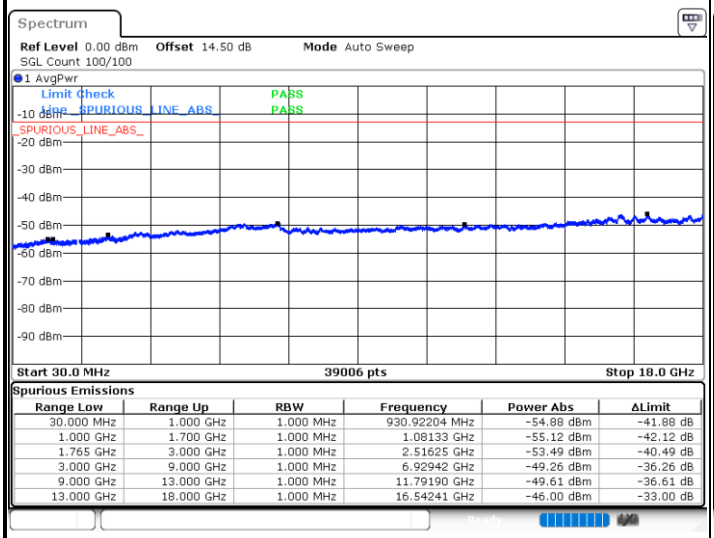


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68933 GHz	-54.52 dBm	-41.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63847 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89293 GHz	-49.24 dBm	-36.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10136 GHz	-49.76 dBm	-36.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99938 GHz	-46.02 dBm	-33.02 dB

Date: 15.OCT.2021 19:10:12

Middle Channel / QPSK

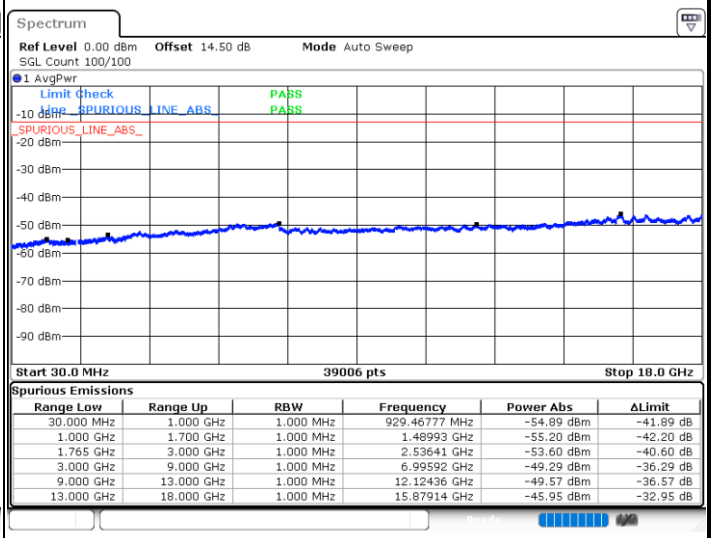


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.08133 GHz	-55.12 dBm	-42.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51625 GHz	-53.49 dBm	-40.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92942 GHz	-49.26 dBm	-36.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79190 GHz	-49.61 dBm	-36.61 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54241 GHz	-46.00 dBm	-33.00 dB

Date: 15.OCT.2021 19:11:34

Middle Channel / 16QAM



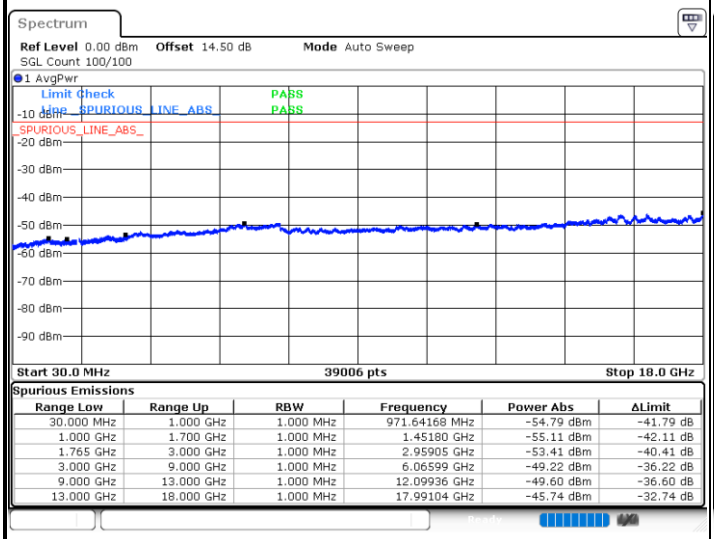
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-54.89 dBm	-41.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48993 GHz	-55.20 dBm	-42.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.53641 GHz	-53.60 dBm	-40.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-49.29 dBm	-36.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12436 GHz	-49.57 dBm	-36.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87914 GHz	-45.95 dBm	-32.95 dB

Date: 15.OCT.2021 19:12:12

LTE Band 4 / 5MHz

Highest Channel / QPSK

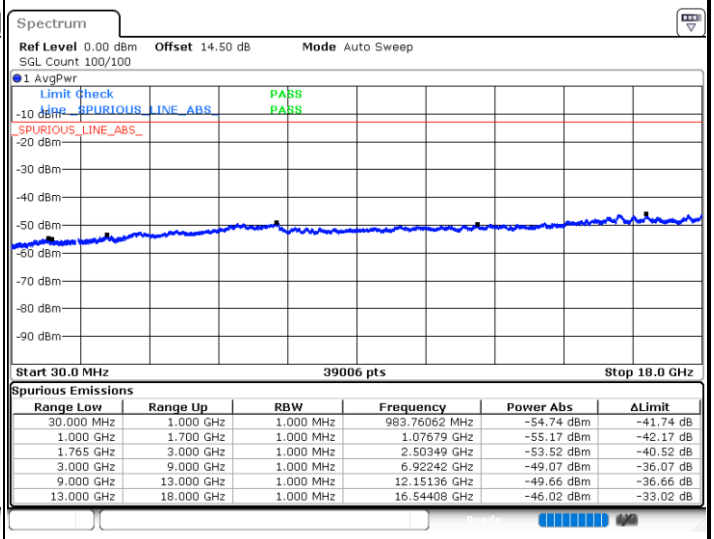


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45180 GHz	-55.11 dBm	-42.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95905 GHz	-53.41 dBm	-40.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.06599 GHz	-49.22 dBm	-36.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.09936 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99104 GHz	-45.74 dBm	-32.74 dB

Date: 15.OCT.2021 19:15:50

Highest Channel / 16QAM



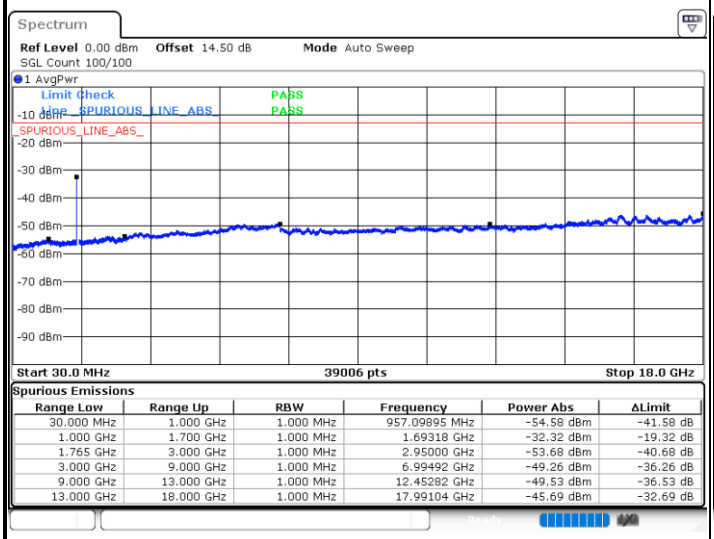
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.07679 GHz	-55.17 dBm	-42.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50349 GHz	-53.52 dBm	-40.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92242 GHz	-49.07 dBm	-36.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.15136 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54408 GHz	-46.02 dBm	-33.02 dB

Date: 15.OCT.2021 19:16:28

LTE Band 4 / 10MHz

Lowest Channel / QPSK

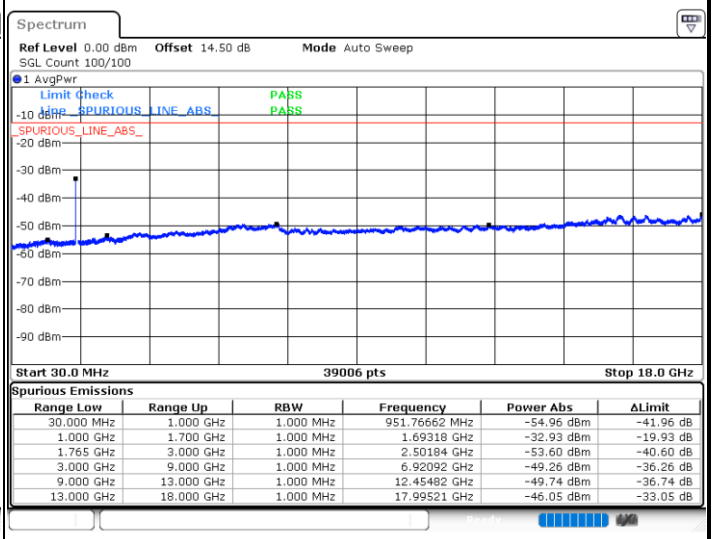


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-54.58 dBm	-41.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-32.32 dBm	-19.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95000 GHz	-53.68 dBm	-40.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-49.26 dBm	-36.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45282 GHz	-49.53 dBm	-36.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99104 GHz	-45.69 dBm	-32.69 dB

Date: 15.OCT.2021 19:20:06

Lowest Channel / 16QAM



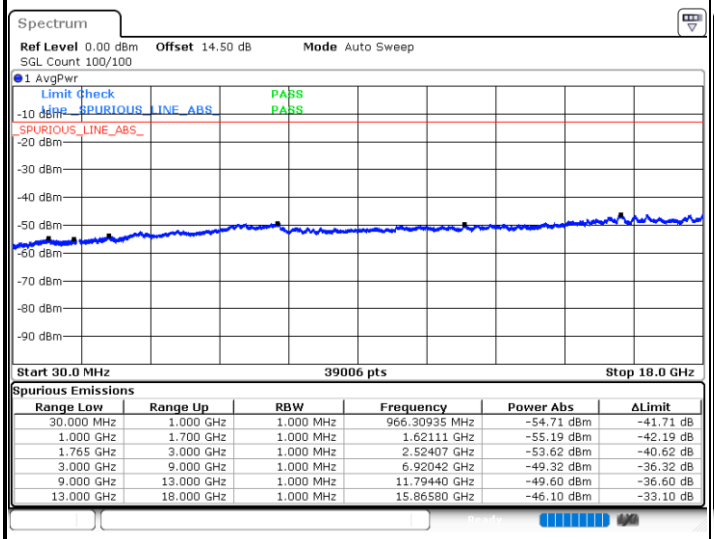
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.76662 MHz	-54.96 dBm	-41.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-32.93 dBm	-19.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50184 GHz	-53.60 dBm	-40.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92092 GHz	-49.26 dBm	-36.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45482 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99521 GHz	-46.05 dBm	-33.05 dB

Date: 15.OCT.2021 19:20:44

LTE Band 4 / 10MHz

Middle Channel / QPSK

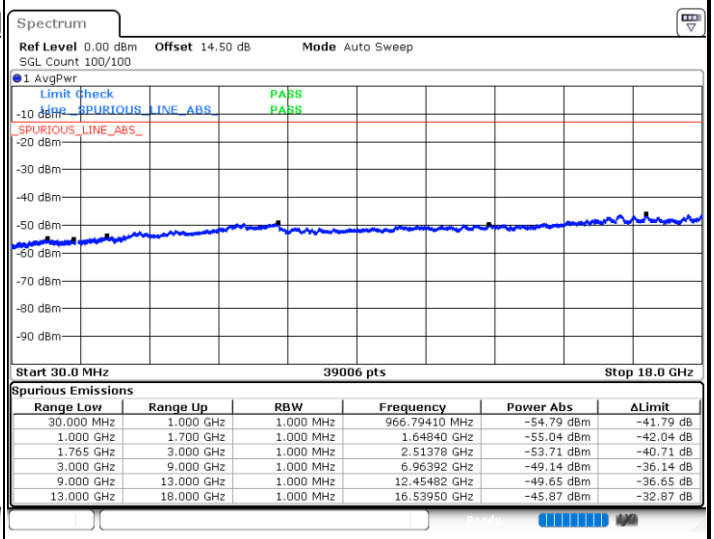


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62111 GHz	-55.19 dBm	-42.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.52407 GHz	-53.62 dBm	-40.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92042 GHz	-49.32 dBm	-36.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.79440 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.86580 GHz	-46.10 dBm	-33.10 dB

Date: 15.OCT.2021 19:22:06

Middle Channel / 16QAM

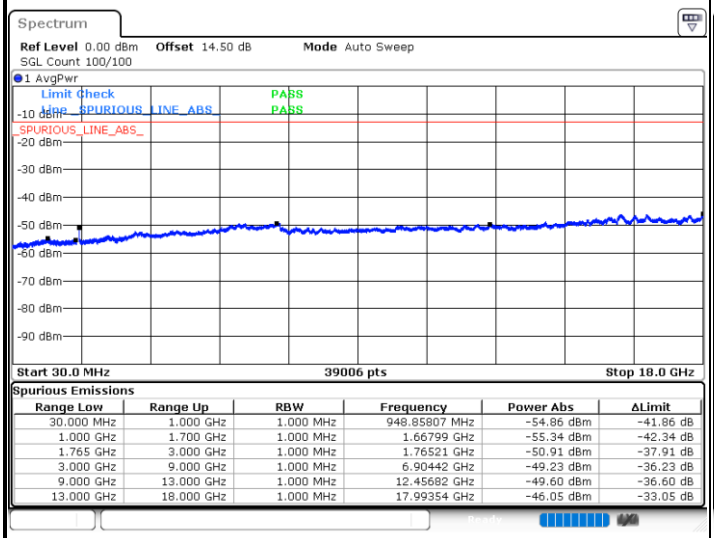


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64840 GHz	-55.04 dBm	-42.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51378 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96392 GHz	-49.14 dBm	-36.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45482 GHz	-49.65 dBm	-36.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53950 GHz	-45.87 dBm	-32.87 dB

Date: 15.OCT.2021 19:22:44

Highest Channel / QPSK

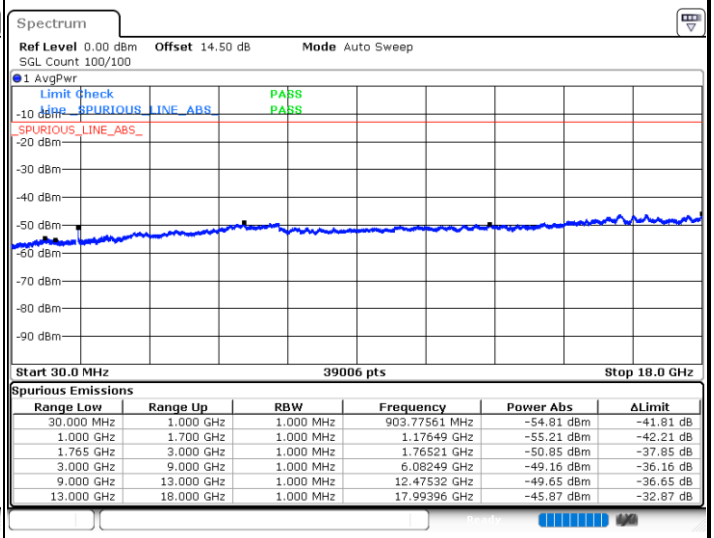


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-54.86 dBm	-41.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66799 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.91 dBm	-37.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90442 GHz	-49.23 dBm	-36.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45682 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99354 GHz	-46.05 dBm	-33.05 dB

Date: 15.OCT.2021 19:26:22

Highest Channel / 16QAM



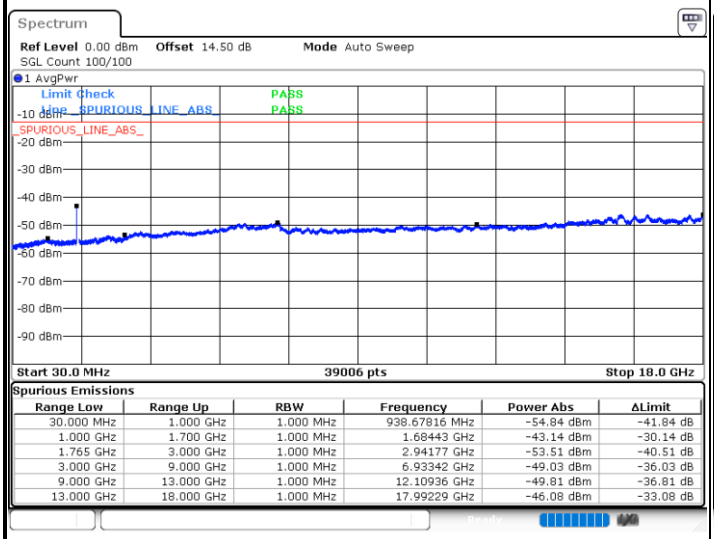
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.17649 GHz	-55.21 dBm	-42.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-50.85 dBm	-37.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.08249 GHz	-49.16 dBm	-36.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47532 GHz	-49.65 dBm	-36.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99396 GHz	-45.87 dBm	-32.87 dB

Date: 15.OCT.2021 19:27:00

LTE Band 4 / 15MHz

Lowest Channel / QPSK

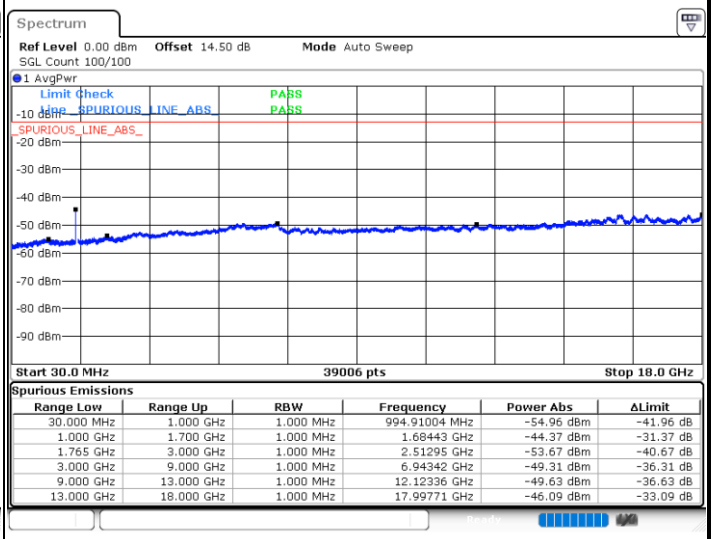


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-43.14 dBm	-30.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94177 GHz	-53.51 dBm	-40.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93342 GHz	-49.03 dBm	-36.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10936 GHz	-49.81 dBm	-36.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99229 GHz	-46.08 dBm	-33.08 dB

Date: 15.OCT.2021 19:30:38

Lowest Channel / 16QAM

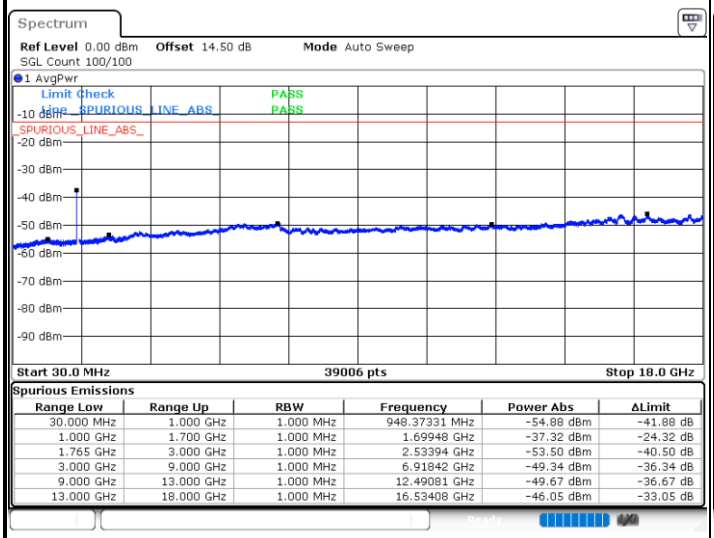


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-54.96 dBm	-41.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-44.37 dBm	-31.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51295 GHz	-53.67 dBm	-40.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94342 GHz	-49.31 dBm	-36.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12336 GHz	-49.63 dBm	-36.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99771 GHz	-46.09 dBm	-33.09 dB

Date: 15.OCT.2021 19:31:16

Middle Channel / QPSK

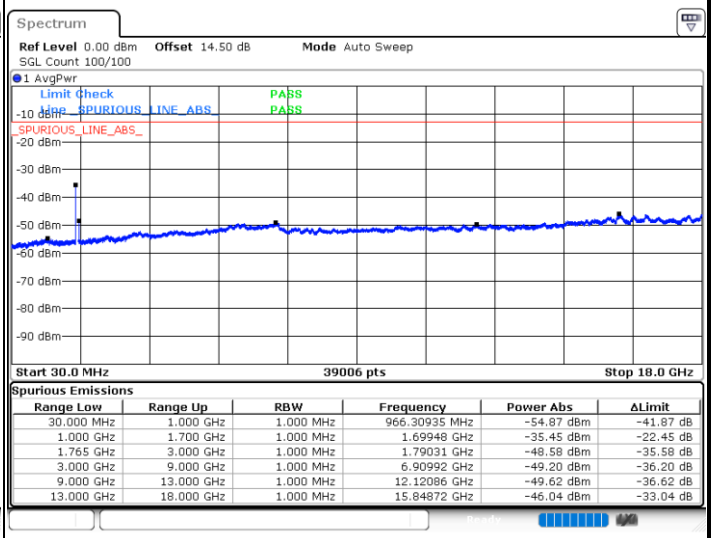


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.37331 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-37.32 dBm	-24.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.53394 GHz	-53.50 dBm	-40.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91842 GHz	-49.34 dBm	-36.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49081 GHz	-49.67 dBm	-36.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53408 GHz	-46.05 dBm	-33.05 dB

Date: 15.OCT.2021 19:32:38

Middle Channel / 16QAM



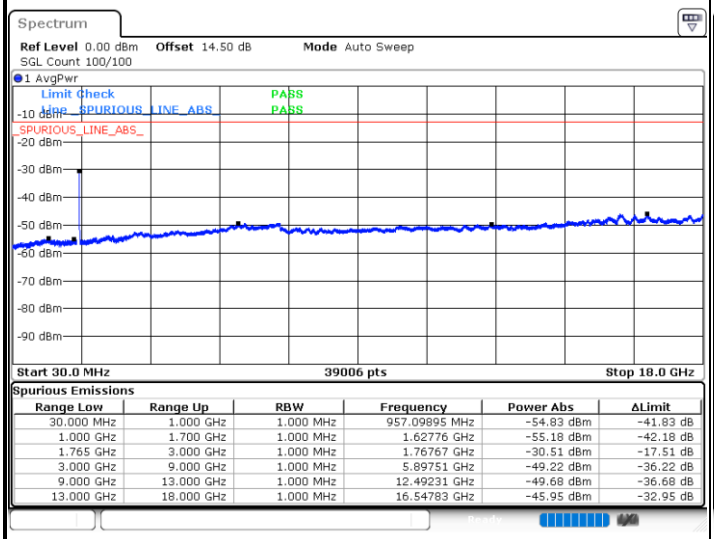
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-54.87 dBm	-41.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-35.45 dBm	-22.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.79031 GHz	-48.58 dBm	-35.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90992 GHz	-49.20 dBm	-36.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12086 GHz	-49.62 dBm	-36.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.84872 GHz	-46.04 dBm	-33.04 dB

Date: 15.OCT.2021 19:33:16

LTE Band 4 / 15MHz

Highest Channel / QPSK

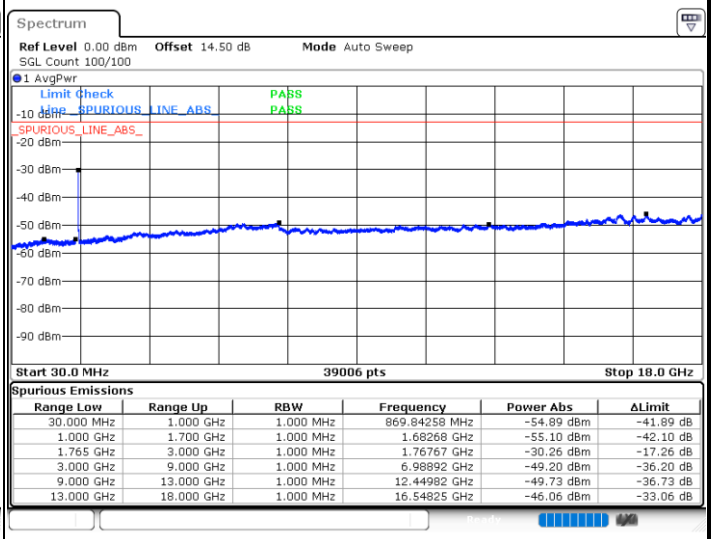


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-54.83 dBm	-41.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62776 GHz	-55.18 dBm	-42.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-30.51 dBm	-17.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.89751 GHz	-49.22 dBm	-36.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.49231 GHz	-49.68 dBm	-36.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54783 GHz	-45.95 dBm	-32.95 dB

Date: 15.OCT.2021 19:36:54

Highest Channel / 16QAM



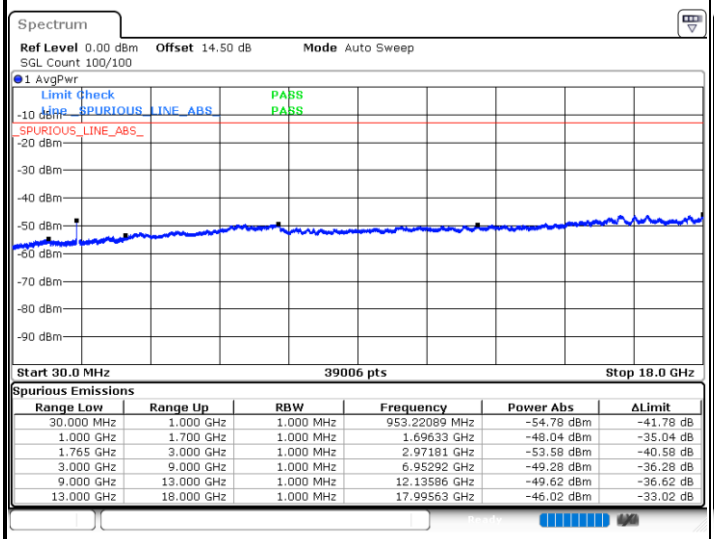
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-54.89 dBm	-41.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-55.10 dBm	-42.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-30.26 dBm	-17.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-49.20 dBm	-36.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44982 GHz	-49.73 dBm	-36.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54825 GHz	-46.06 dBm	-33.06 dB

Date: 15.OCT.2021 19:37:32

LTE Band 4 / 20MHz

Lowest Channel / QPSK

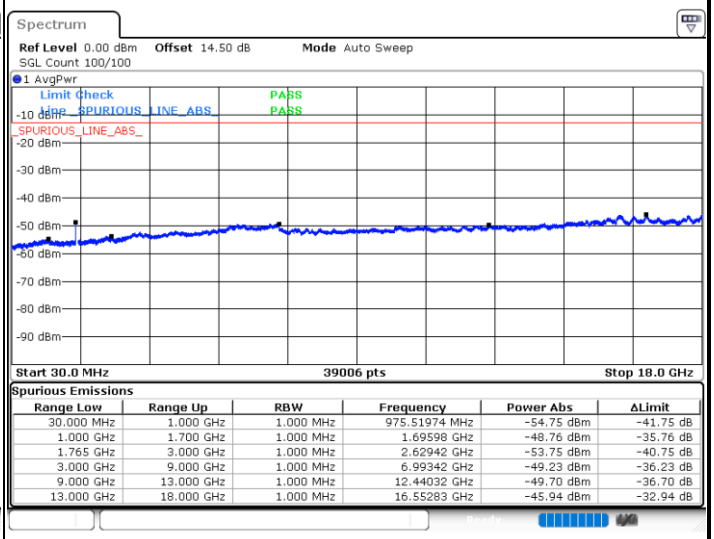


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-54.78 dBm	-41.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-48.04 dBm	-35.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97181 GHz	-53.58 dBm	-40.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95292 GHz	-49.28 dBm	-36.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13586 GHz	-49.62 dBm	-36.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99563 GHz	-46.02 dBm	-33.02 dB

Date: 15.OCT.2021 19:41:10

Lowest Channel / 16QAM



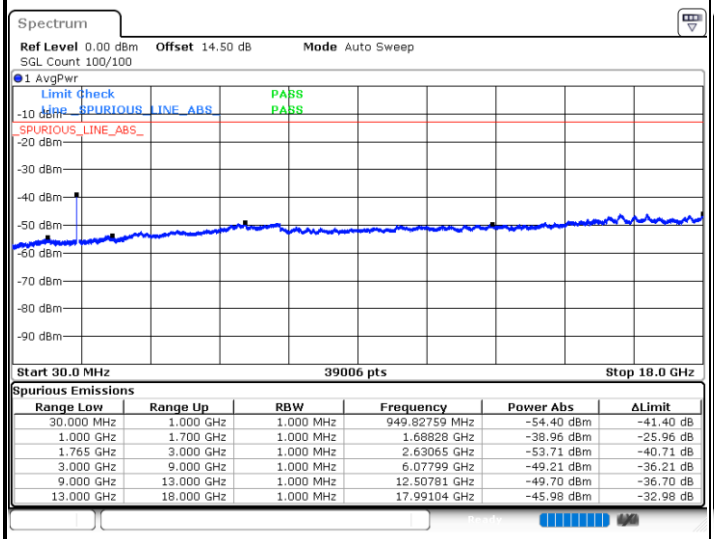
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-48.76 dBm	-35.76 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.62942 GHz	-53.75 dBm	-40.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-49.23 dBm	-36.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44032 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55283 GHz	-45.94 dBm	-32.94 dB

Date: 15.OCT.2021 19:41:48

LTE Band 4 / 20MHz

Middle Channel / QPSK

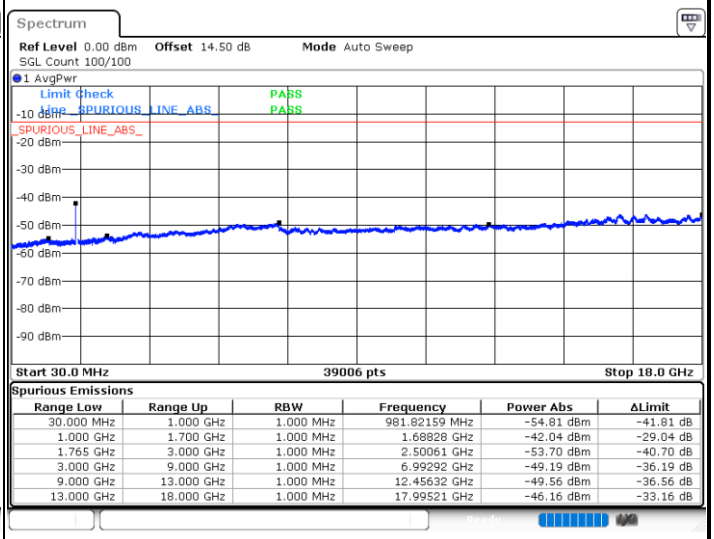


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-54.40 dBm	-41.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-38.96 dBm	-25.96 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63065 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.07799 GHz	-49.21 dBm	-36.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.50781 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99104 GHz	-45.98 dBm	-32.98 dB

Date: 15.OCT.2021 19:43:10

Middle Channel / 16QAM

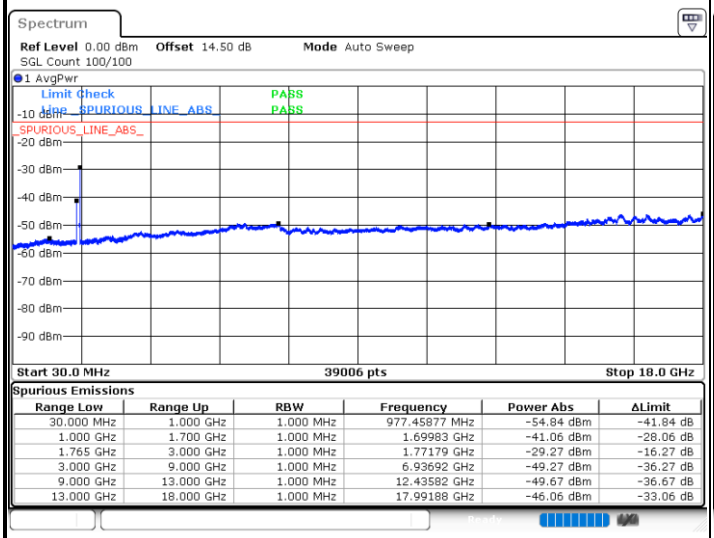


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-54.81 dBm	-41.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-42.04 dBm	-29.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50061 GHz	-53.70 dBm	-40.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-49.19 dBm	-36.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45632 GHz	-49.56 dBm	-36.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99521 GHz	-46.16 dBm	-33.16 dB

Date: 15.OCT.2021 19:43:48

Highest Channel / QPSK

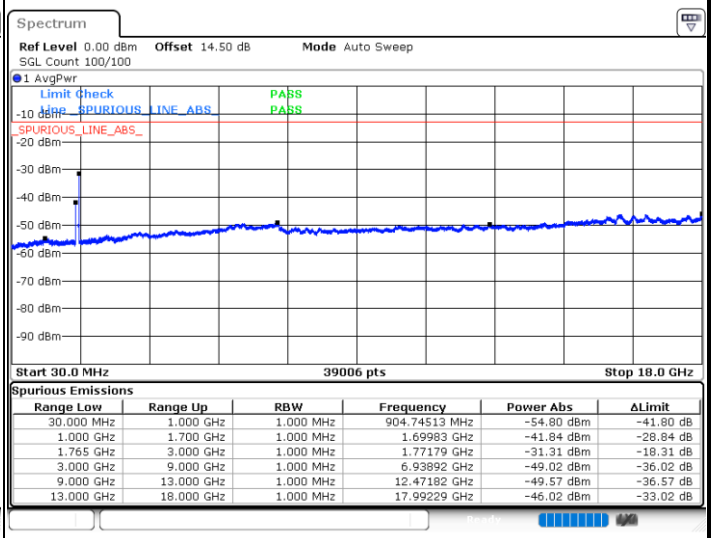


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-41.06 dBm	-28.06 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-29.27 dBm	-16.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93692 GHz	-49.27 dBm	-36.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43582 GHz	-49.67 dBm	-36.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99188 GHz	-46.06 dBm	-33.06 dB

Date: 15.OCT.2021 19:47:26

Highest Channel / 16QAM



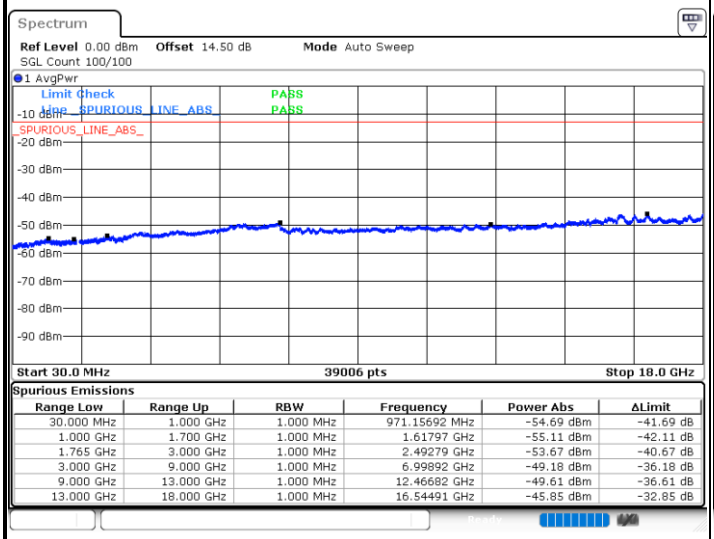
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.74513 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-41.84 dBm	-28.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-31.31 dBm	-18.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93892 GHz	-49.02 dBm	-36.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.47182 GHz	-49.57 dBm	-36.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99229 GHz	-46.02 dBm	-33.02 dB

Date: 15.OCT.2021 19:48:04

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	971.15692 MHz	-54.69 dBm	-41.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61797 GHz	-55.11 dBm	-42.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49279 GHz	-53.67 dBm	-40.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-49.18 dBm	-36.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46682 GHz	-49.61 dBm	-36.61 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54491 GHz	-45.85 dBm	-32.85 dB

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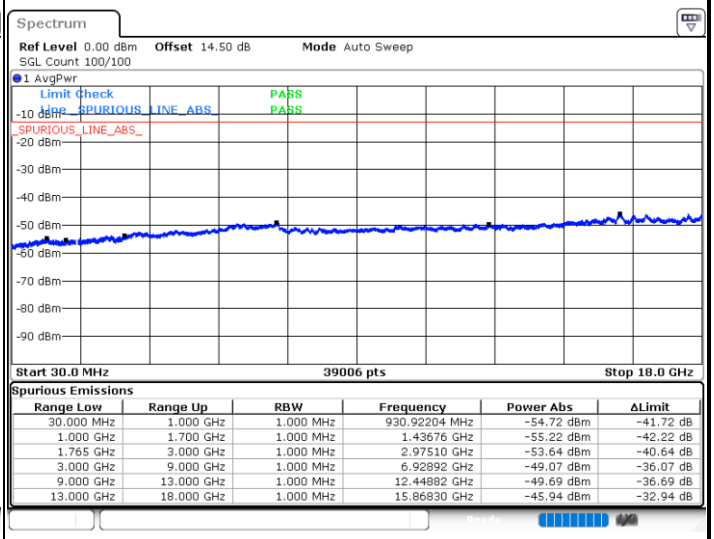
Middle Channel / 64QAM

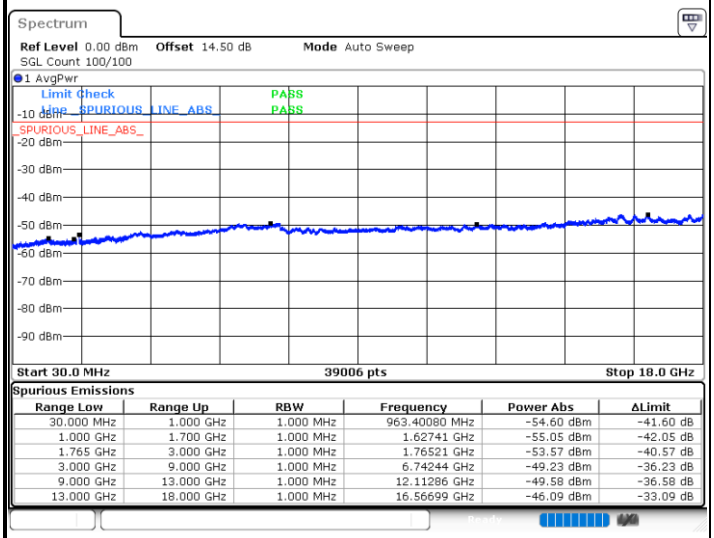


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-54.72 dBm	-41.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.43676 GHz	-55.22 dBm	-42.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97510 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92892 GHz	-49.07 dBm	-36.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44882 GHz	-49.69 dBm	-36.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.86830 GHz	-45.94 dBm	-32.94 dB

Date: 15.OCT.2021 20:32:07

Highest Channel / 64QAM



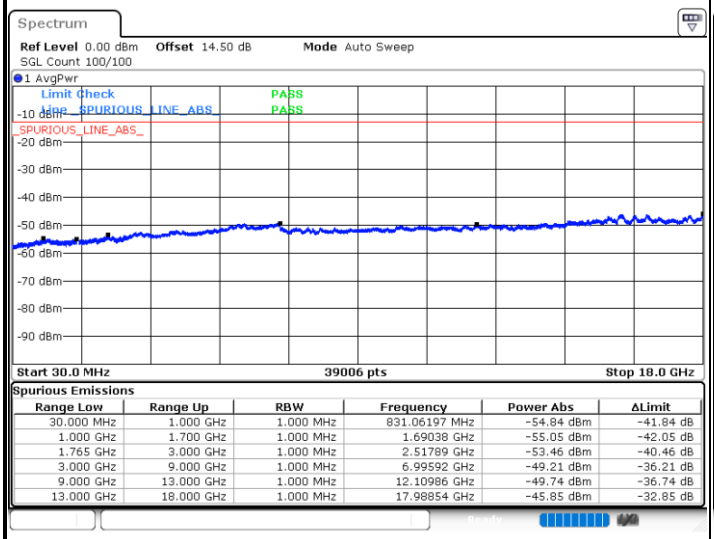
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-54.60 dBm	-41.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62741 GHz	-55.05 dBm	-42.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-53.57 dBm	-40.57 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.74244 GHz	-49.23 dBm	-36.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11286 GHz	-49.58 dBm	-36.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56699 GHz	-46.09 dBm	-33.09 dB

Date: 15.OCT.2021 20:37:57

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

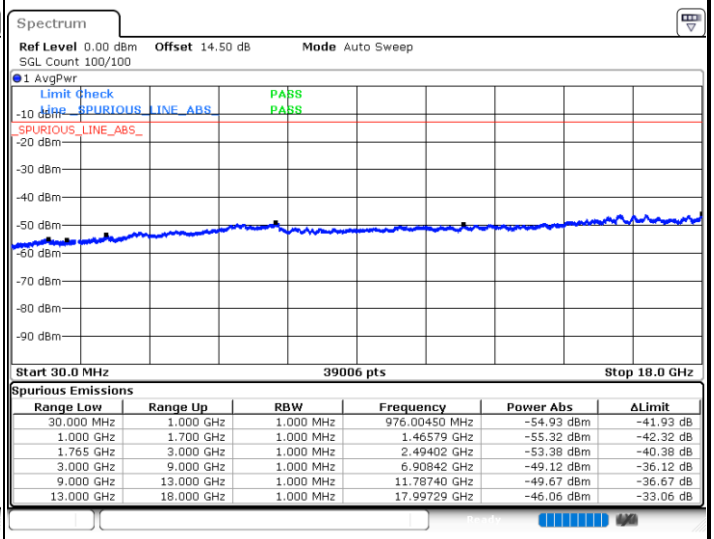


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.06197 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69038 GHz	-55.05 dBm	-42.05 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51789 GHz	-53.46 dBm	-40.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-49.21 dBm	-36.21 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10986 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98854 GHz	-45.85 dBm	-32.85 dB

Date: 15.OCT.2021 19:50:12

Middle Channel / 64QAM

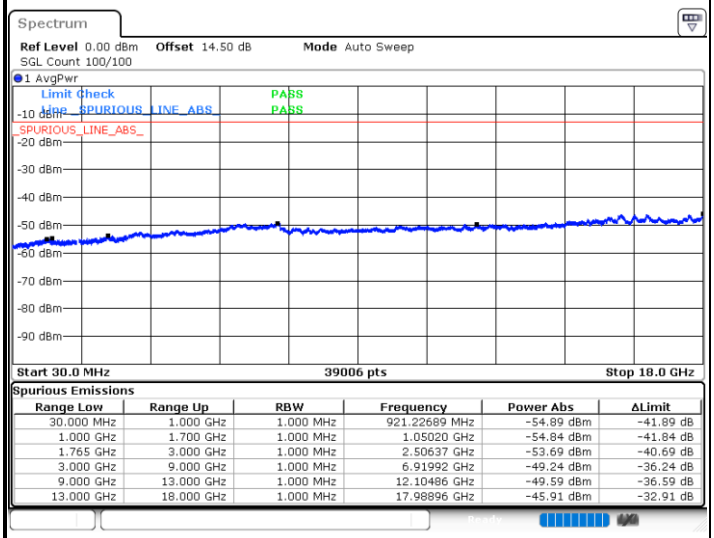


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.93 dBm	-41.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.46579 GHz	-55.32 dBm	-42.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49402 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90842 GHz	-49.12 dBm	-36.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78740 GHz	-49.67 dBm	-36.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99729 GHz	-46.06 dBm	-33.06 dB

Date: 15.OCT.2021 19:51:12

Highest Channel / 64QAM



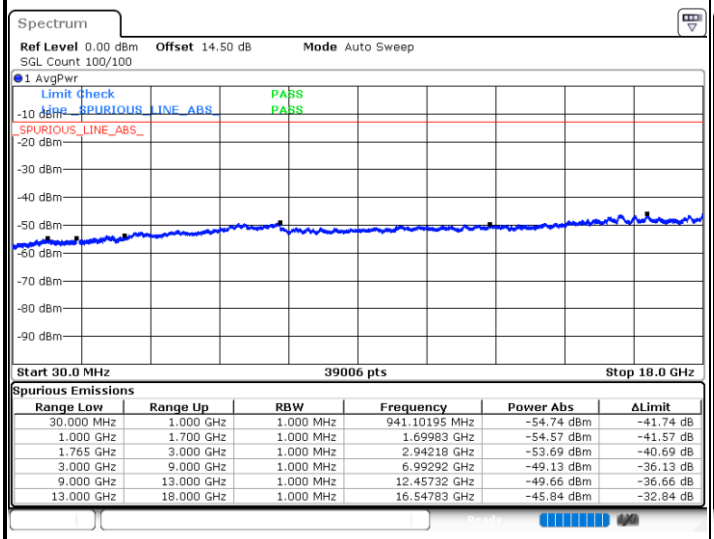
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-54.89 dBm	-41.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05020 GHz	-54.84 dBm	-41.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50637 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91992 GHz	-49.24 dBm	-36.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.10486 GHz	-49.59 dBm	-36.59 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98896 GHz	-45.91 dBm	-32.91 dB

Date: 15.OCT.2021 19:53:20

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

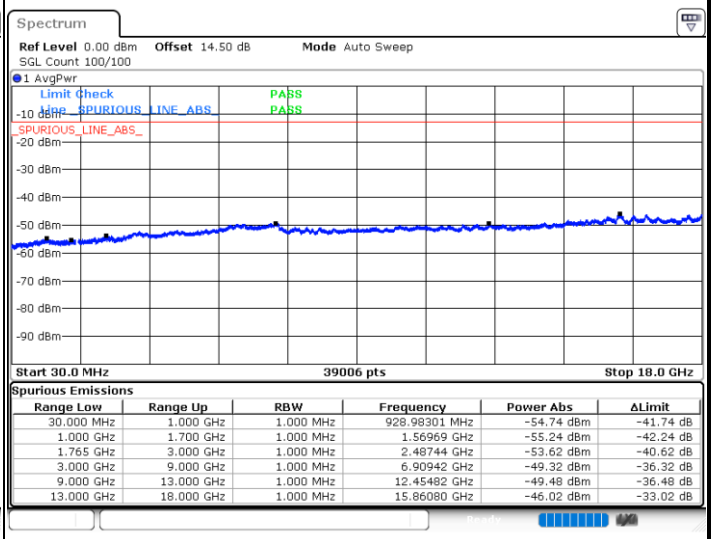


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.57 dBm	-41.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94218 GHz	-53.69 dBm	-40.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-49.13 dBm	-36.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45732 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54783 GHz	-45.84 dBm	-32.84 dB

Date: 15.OCT.2021 19:55:27

Middle Channel / 64QAM

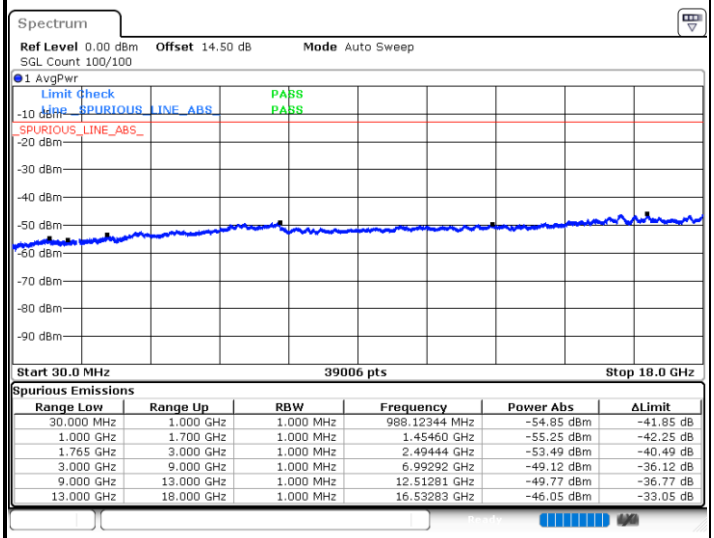


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56969 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.48744 GHz	-53.62 dBm	-40.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90942 GHz	-49.32 dBm	-36.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45482 GHz	-49.48 dBm	-36.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.86080 GHz	-46.02 dBm	-33.02 dB

Date: 15.OCT.2021 19:56:27

Highest Channel / 64QAM



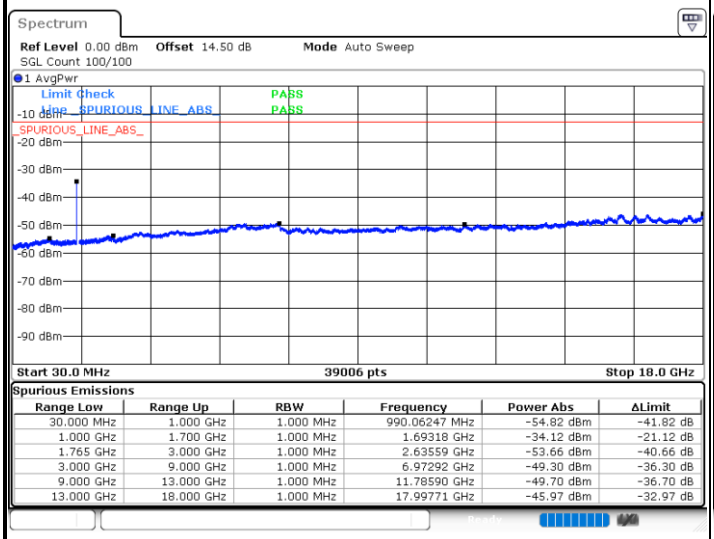
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45460 GHz	-55.25 dBm	-42.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.49444 GHz	-53.49 dBm	-40.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-49.12 dBm	-36.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.51281 GHz	-49.77 dBm	-36.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53283 GHz	-46.05 dBm	-33.05 dB

Date: 15.OCT.2021 19:58:35

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

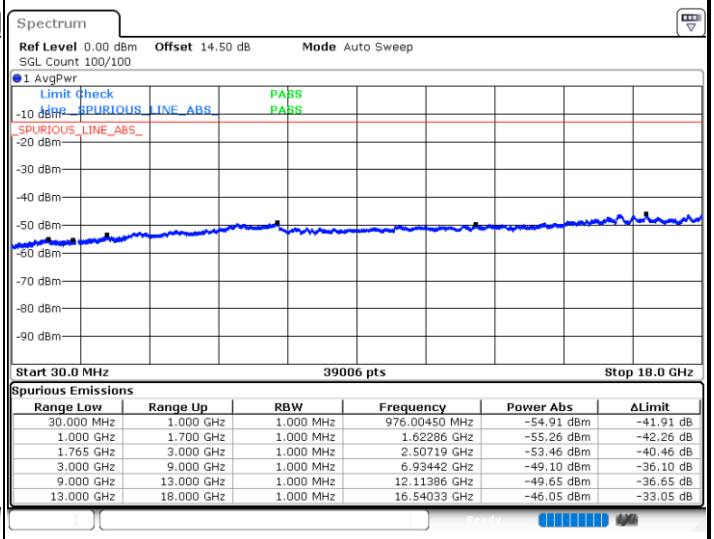


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-54.82 dBm	-41.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-34.12 dBm	-21.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63559 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97292 GHz	-49.30 dBm	-36.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.78590 GHz	-49.70 dBm	-36.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99771 GHz	-45.97 dBm	-32.97 dB

Date: 15.OCT.2021 20:00:43

Middle Channel / 64QAM

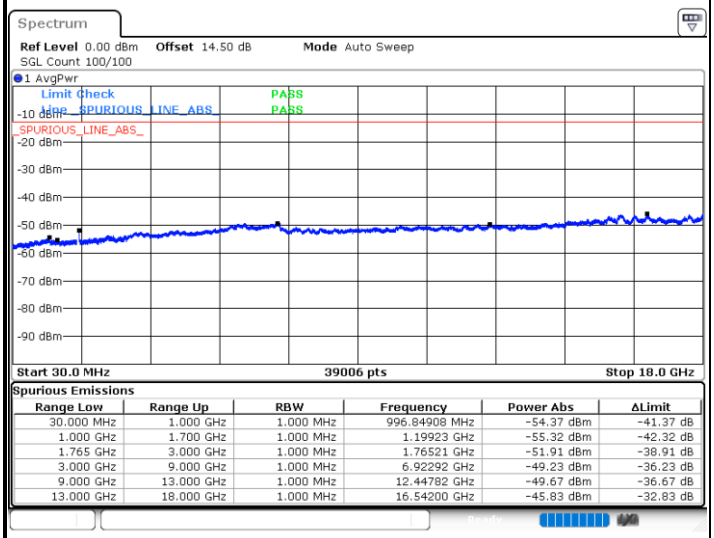


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62286 GHz	-55.26 dBm	-42.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50719 GHz	-53.46 dBm	-40.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93442 GHz	-49.10 dBm	-36.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11386 GHz	-49.65 dBm	-36.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54033 GHz	-46.05 dBm	-33.05 dB

Date: 15.OCT.2021 20:01:43

Highest Channel / 64QAM



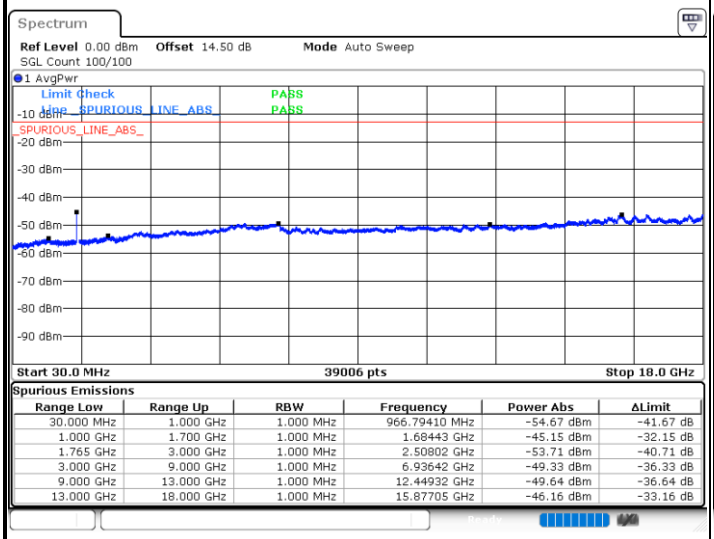
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-54.37 dBm	-41.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.19923 GHz	-55.32 dBm	-42.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-51.91 dBm	-38.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92292 GHz	-49.23 dBm	-36.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44782 GHz	-49.67 dBm	-36.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54200 GHz	-45.83 dBm	-32.83 dB

Date: 15.OCT.2021 20:03:51

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

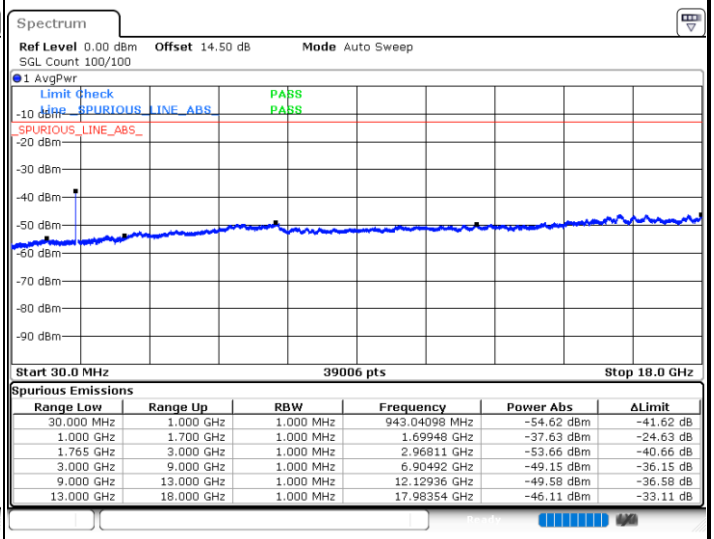


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-54.67 dBm	-41.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-45.15 dBm	-32.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50802 GHz	-53.71 dBm	-40.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93642 GHz	-49.33 dBm	-36.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44932 GHz	-49.64 dBm	-36.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.87705 GHz	-46.16 dBm	-33.16 dB

Date: 15.OCT.2021 20:06:00

Middle Channel / 64QAM

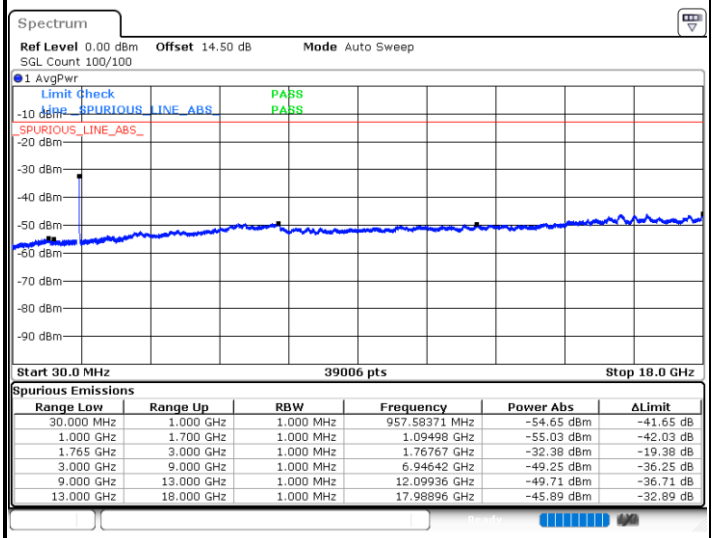


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-37.63 dBm	-24.63 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96811 GHz	-53.66 dBm	-40.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90492 GHz	-49.15 dBm	-36.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12936 GHz	-49.58 dBm	-36.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98354 GHz	-46.11 dBm	-33.11 dB

Date: 15.OCT.2021 20:07:00

Highest Channel / 64QAM



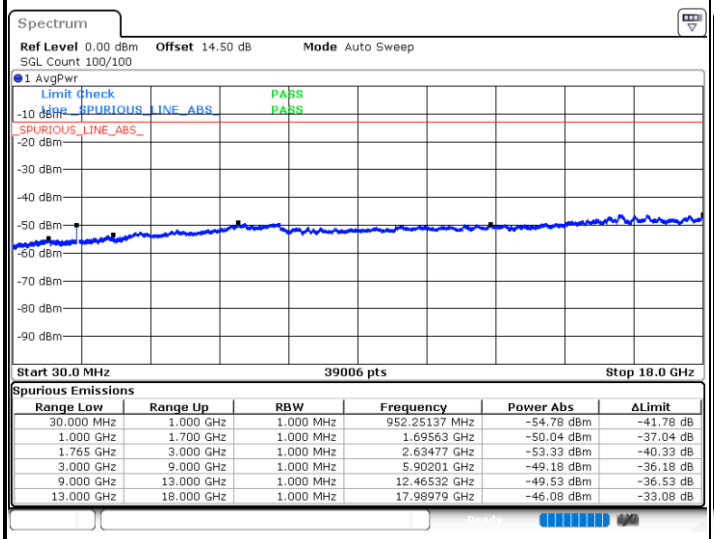
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-54.65 dBm	-41.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.09498 GHz	-55.03 dBm	-42.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-32.38 dBm	-19.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94642 GHz	-49.25 dBm	-36.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.09936 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98896 GHz	-45.89 dBm	-32.89 dB

Date: 15.OCT.2021 20:09:07

LTE Band 4 / 20MHz

Lowest Channel / 64QAM

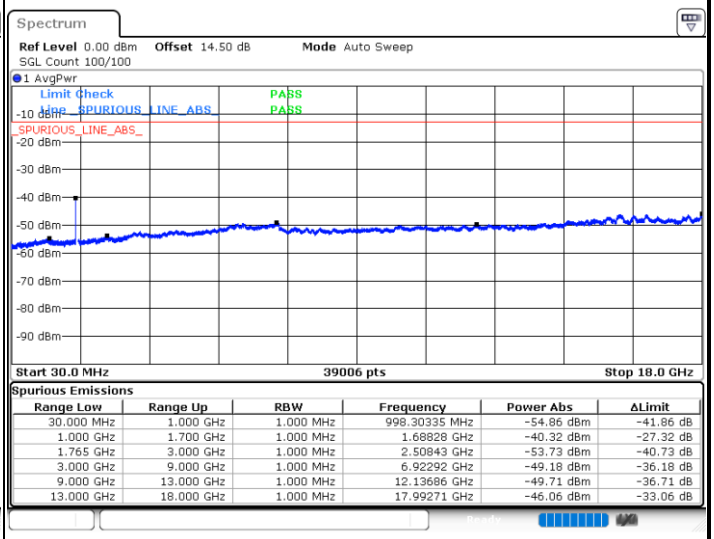


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-54.78 dBm	-41.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69563 GHz	-50.04 dBm	-37.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63477 GHz	-53.33 dBm	-40.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.90201 GHz	-49.18 dBm	-36.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46532 GHz	-49.53 dBm	-36.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.98979 GHz	-46.08 dBm	-33.08 dB

Date: 15.OCT.2021 20:11:15

Middle Channel / 64QAM

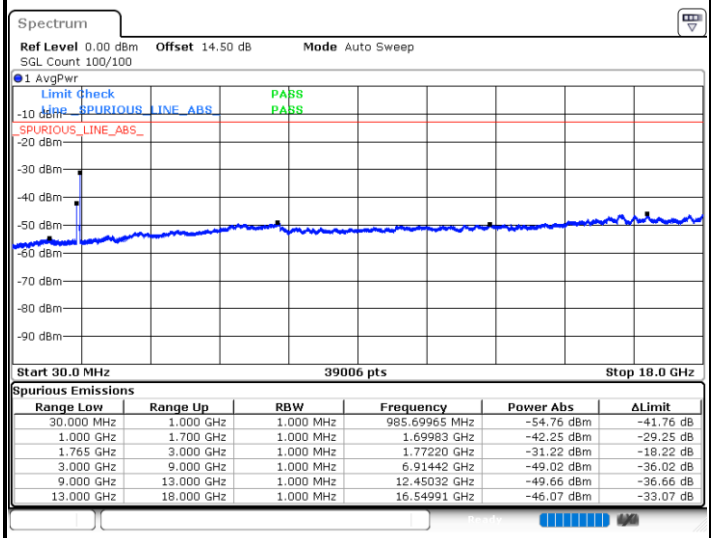


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-54.86 dBm	-41.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-40.32 dBm	-27.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.50843 GHz	-53.73 dBm	-40.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92292 GHz	-49.18 dBm	-36.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13686 GHz	-49.71 dBm	-36.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.99271 GHz	-46.06 dBm	-33.06 dB

Date: 15.OCT.2021 20:12:15

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-54.76 dBm	-41.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-42.25 dBm	-29.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-31.22 dBm	-18.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91442 GHz	-49.02 dBm	-36.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45032 GHz	-49.66 dBm	-36.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54991 GHz	-46.07 dBm	-33.07 dB

Date: 15.OCT.2021 20:14:23

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	0.0007	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0086	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0088	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

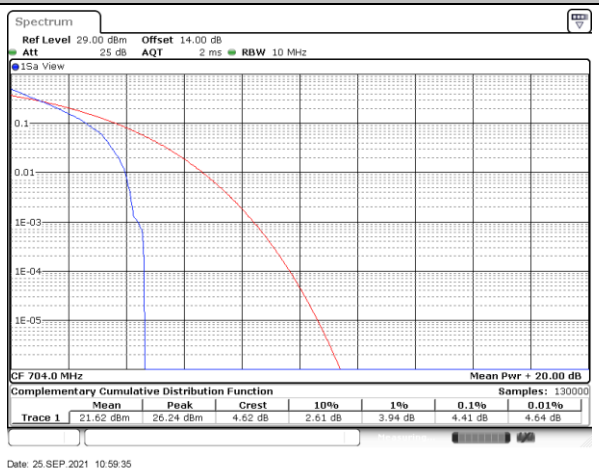
LTE Band 12

Peak-to-Average Ratio

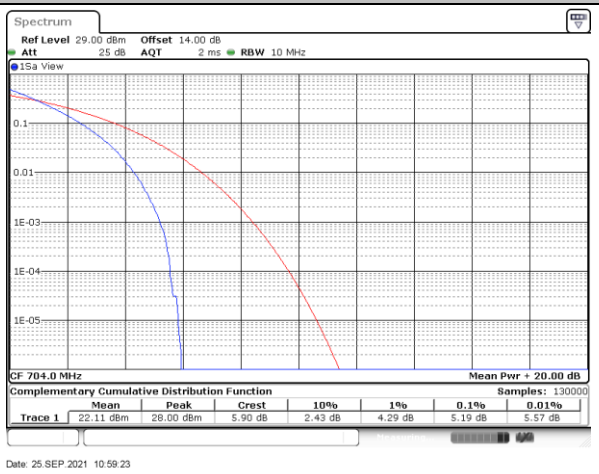
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.41	5.19	5.16	5.88	PASS
Middle CH	4.58	5.13	5.86	5.97	
Highest CH	4.20	5.13	5.16	5.94	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.09	6.32	-	-	PASS
Middle CH	6.14	6.26	-	-	
Highest CH	6.06	6.35	-	-	

LTE Band 12 / 10MHz / QPSK

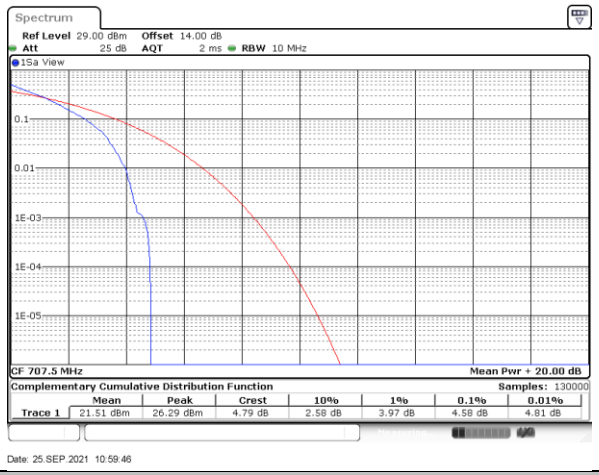
Lowest Channel / 1RB



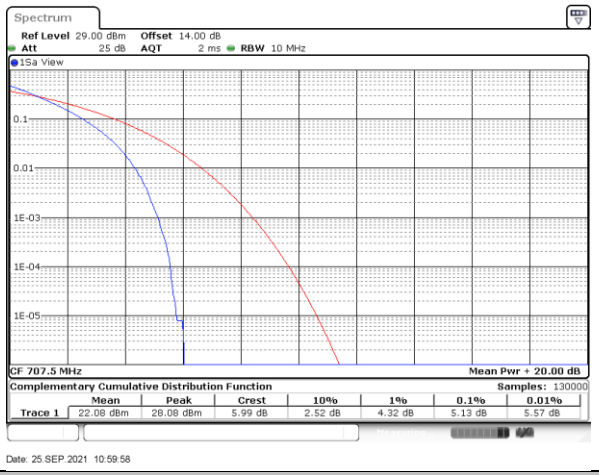
Lowest Channel / Full RB



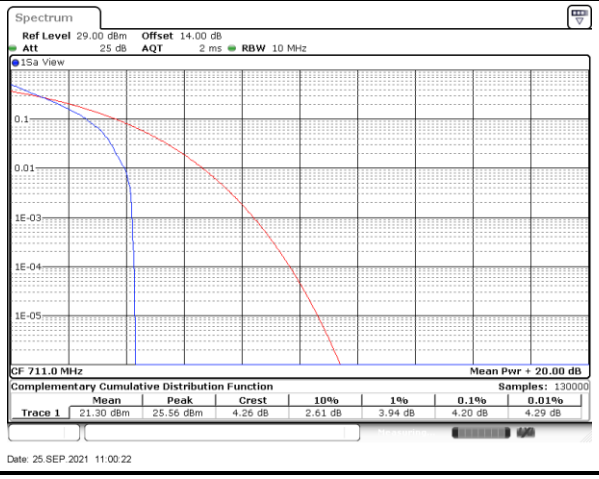
Middle Channel / 1RB



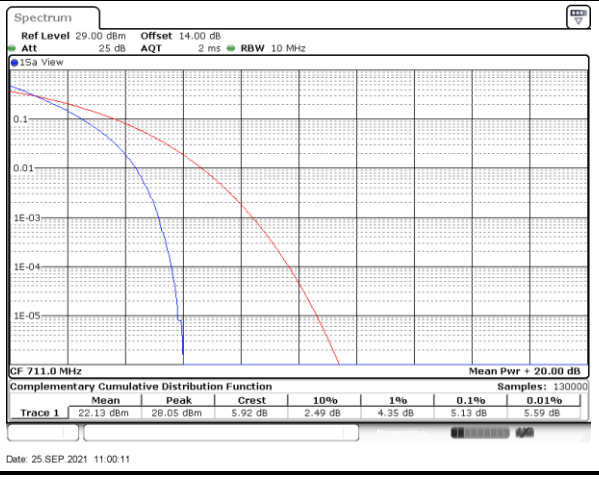
Middle Channel / Full RB



Highest Channel / 1RB

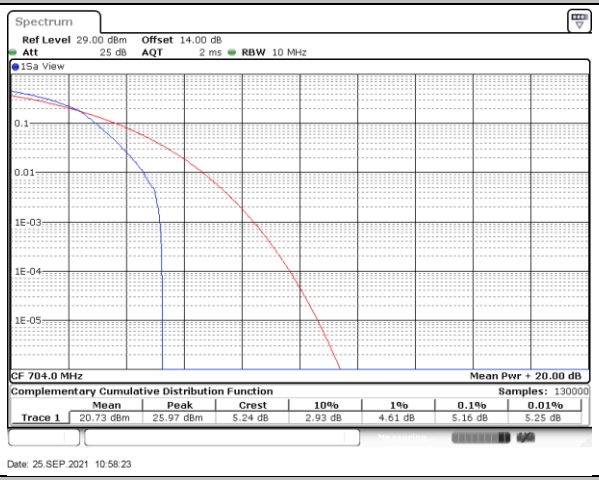


Highest Channel / Full RB

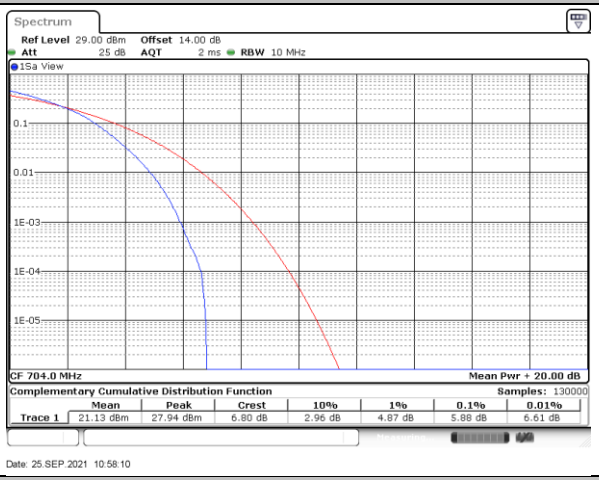


LTE Band 12 / 10MHz / 16QAM

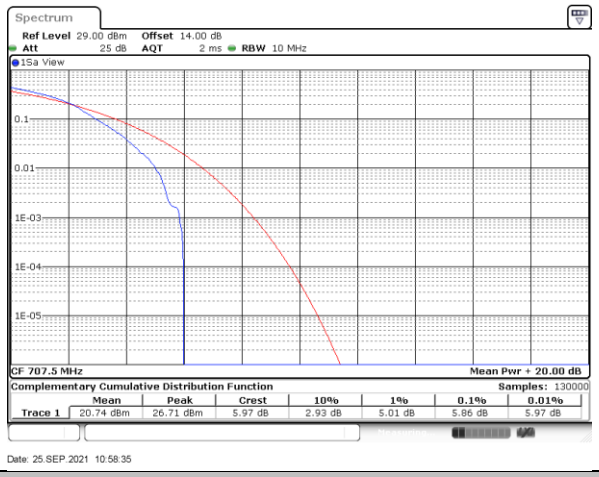
Lowest Channel / 1RB



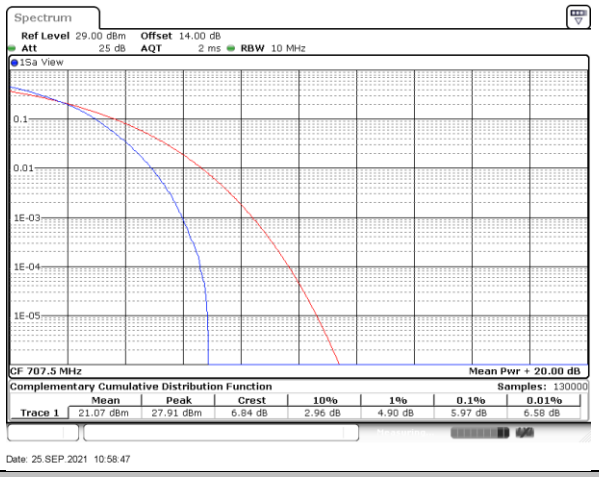
Lowest Channel / Full RB



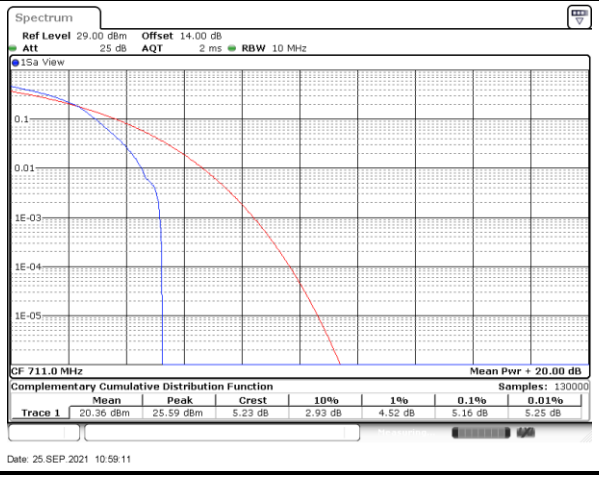
Middle Channel / 1RB



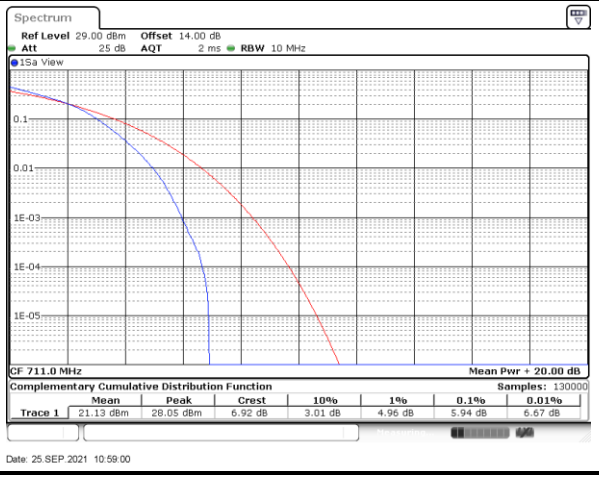
Middle Channel / Full RB



Highest Channel / 1RB

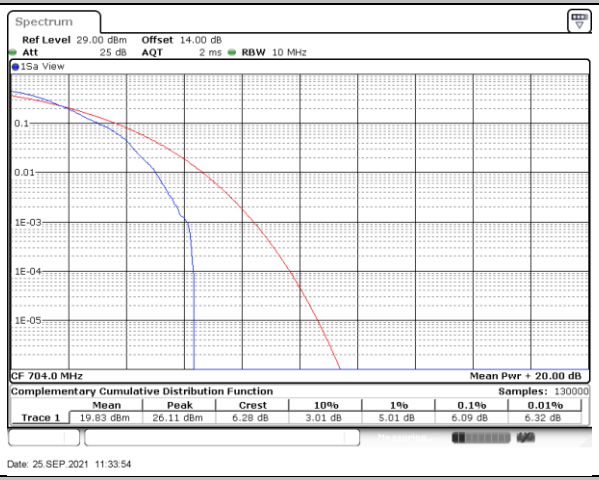


Highest Channel / Full RB

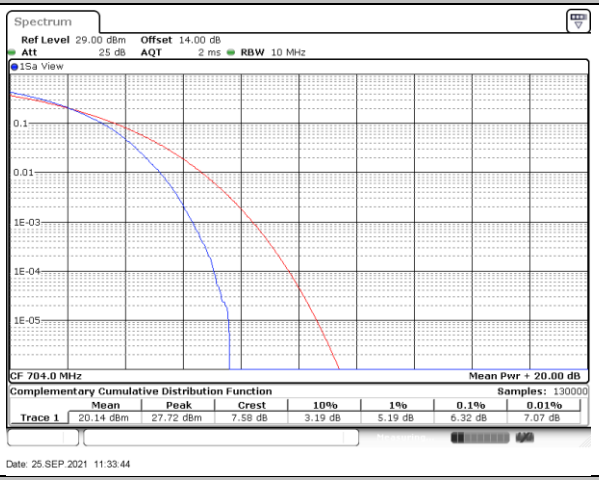


LTE Band 12 / 10MHz / 64QAM

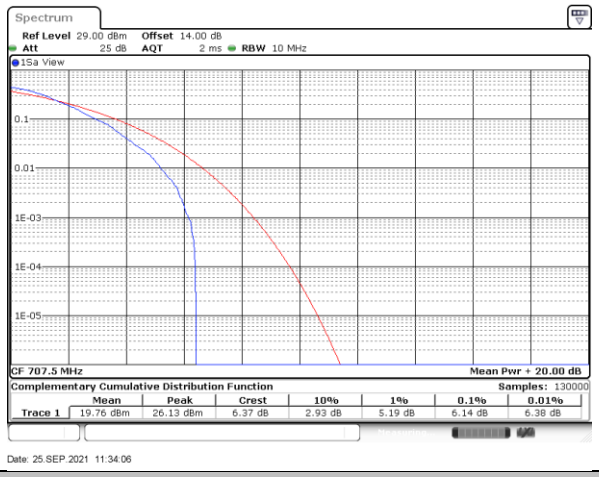
Lowest Channel / 1RB



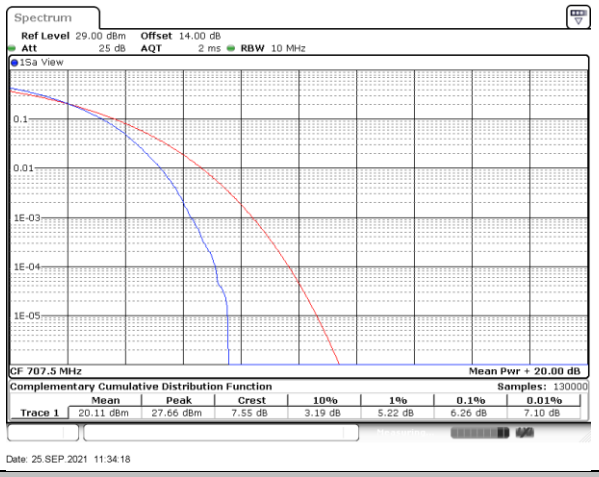
Lowest Channel / Full RB



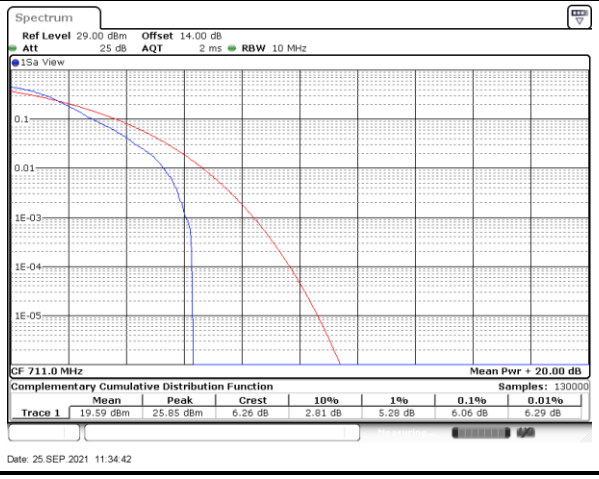
Middle Channel / 1RB



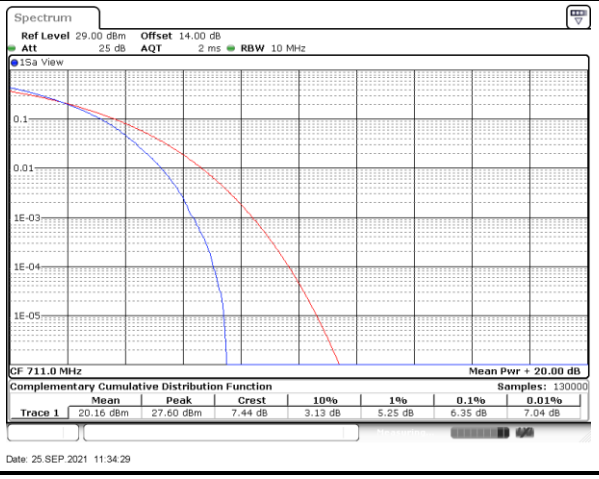
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

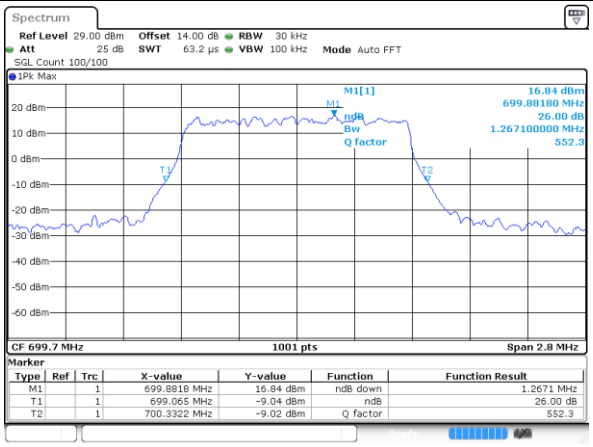


26dB Bandwidth

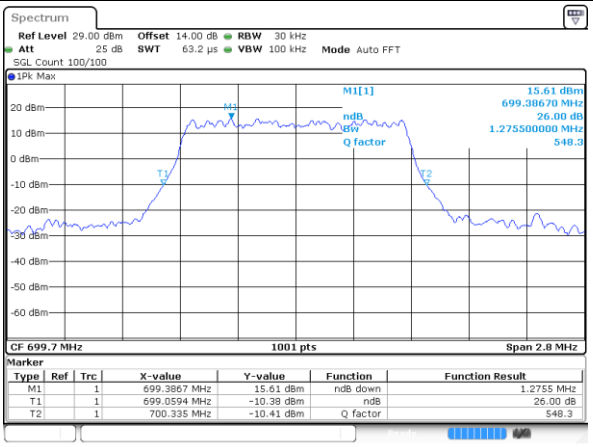
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.27	1.28	2.97	2.99	4.93	4.87	9.87	9.65	-	-	-	-
Middle CH	1.27	1.30	2.99	2.99	4.91	4.84	9.65	9.71	-	-	-	-
Highest CH	1.27	1.28	3.01	2.97	4.94	4.87	9.69	9.67	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.28	-	2.95	-	4.85	-	9.65	-	-	-	-	-
Middle CH	1.29	-	2.96	-	4.85	-	9.69	-	-	-	-	-
Highest CH	1.29	-	2.94	-	4.86	-	9.71	-	-	-	-	-

LTE Band 12

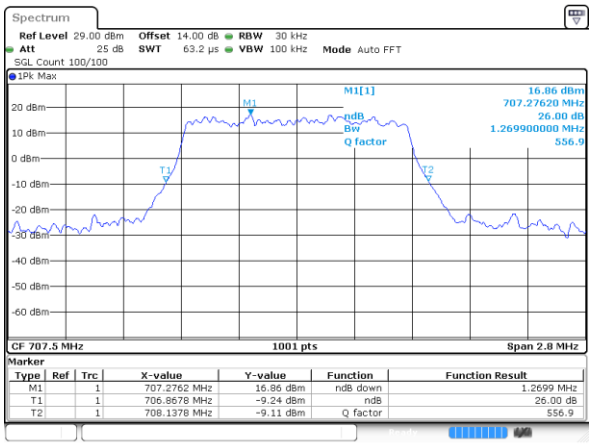
Lowest Channel / 1.4MHz / QPSK



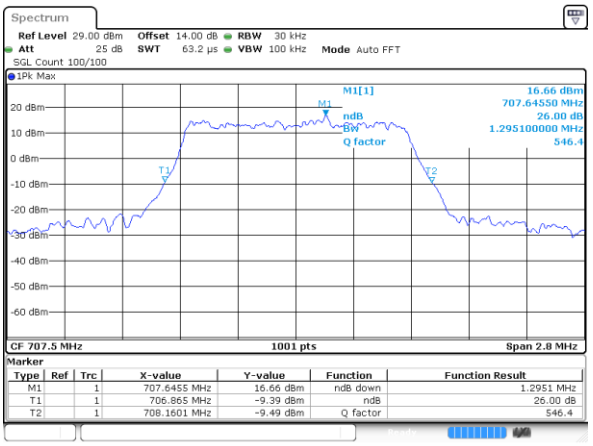
Lowest Channel / 1.4MHz / 16QAM



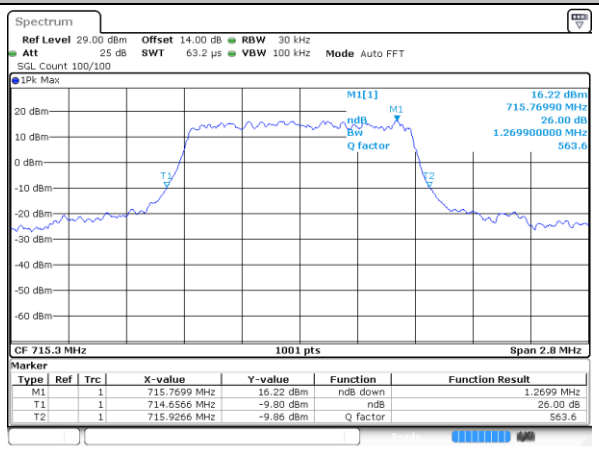
Middle Channel / 1.4MHz / QPSK



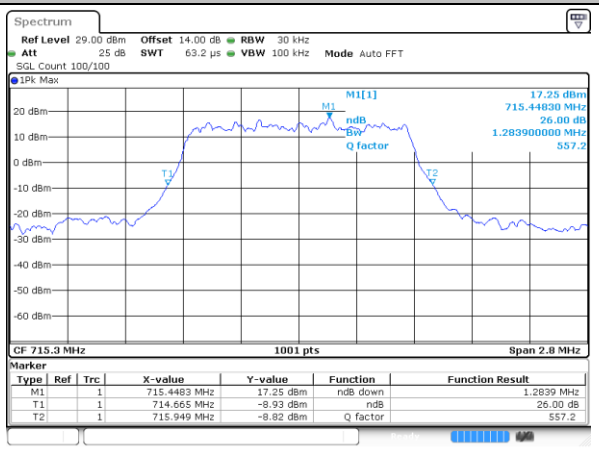
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

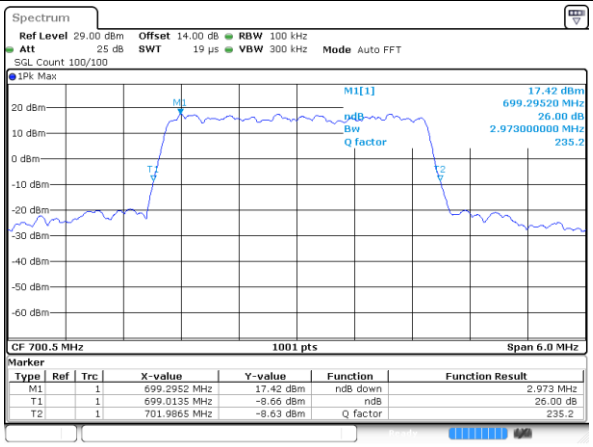


Highest Channel / 1.4MHz / 16QAM

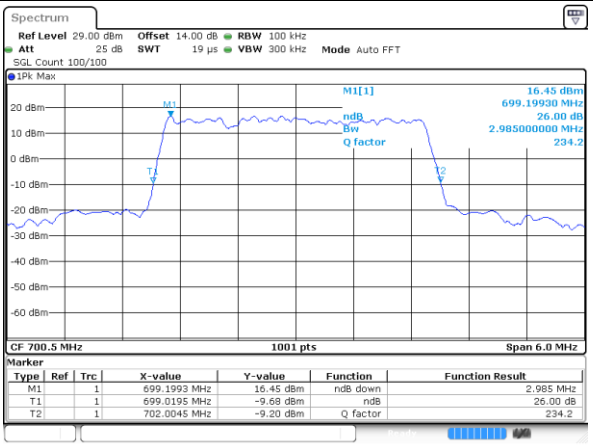


LTE Band 12

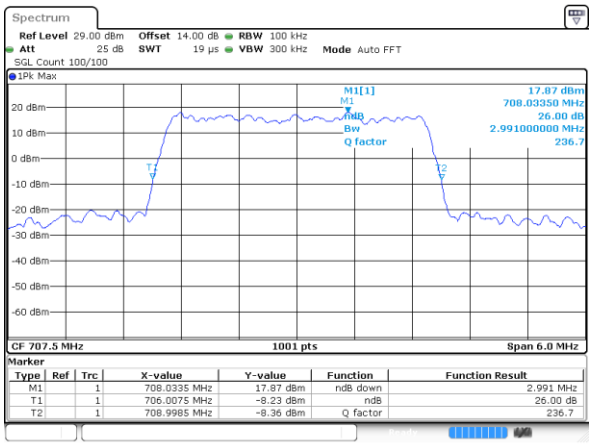
Lowest Channel / 3MHz / QPSK



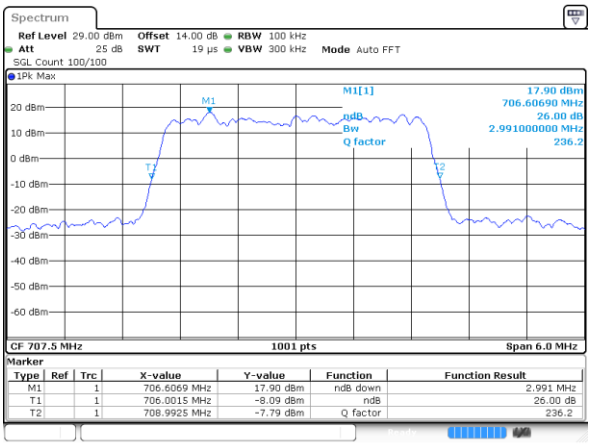
Lowest Channel / 3MHz / 16QAM



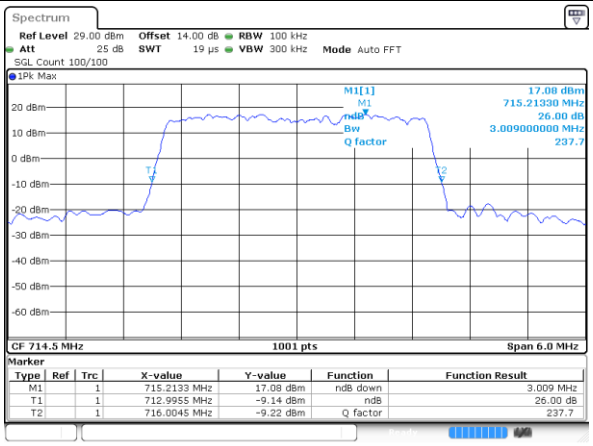
Middle Channel / 3MHz / QPSK



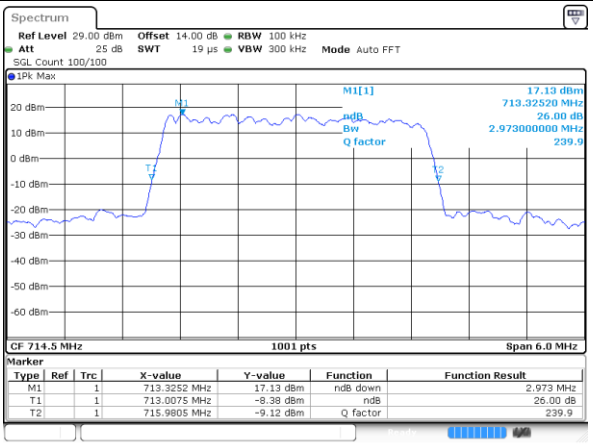
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

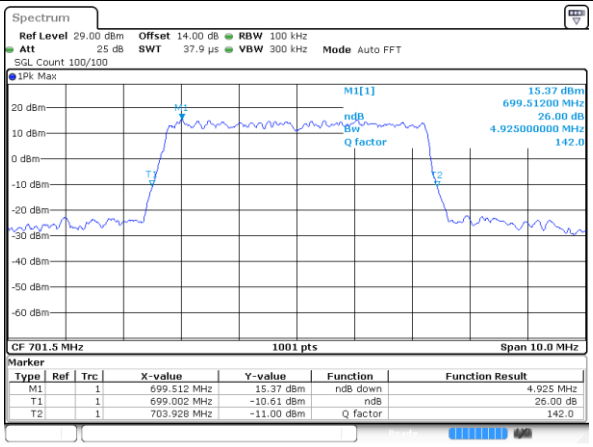


Highest Channel / 3MHz / 16QAM

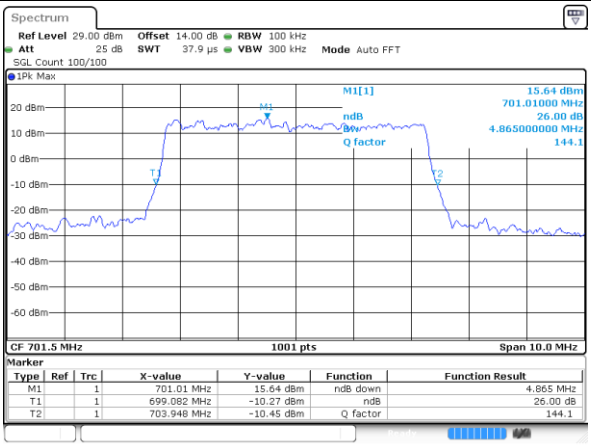


LTE Band 12

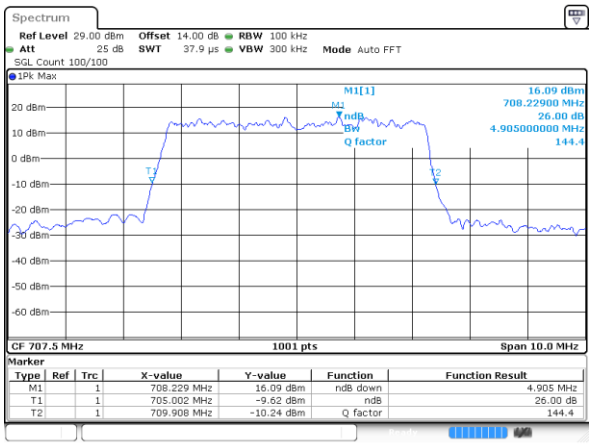
Lowest Channel / 5MHz / QPSK



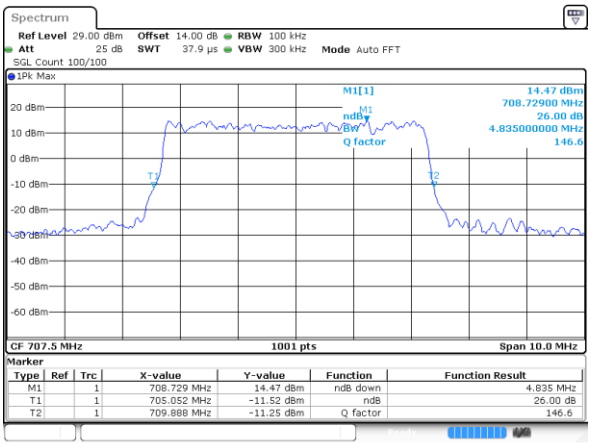
Lowest Channel / 5MHz / 16QAM



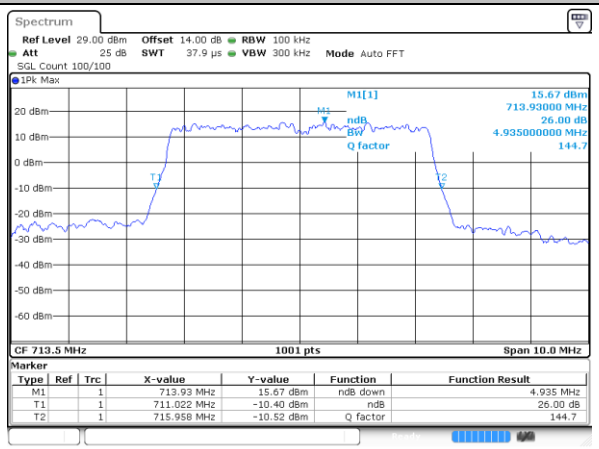
Middle Channel / 5MHz / QPSK



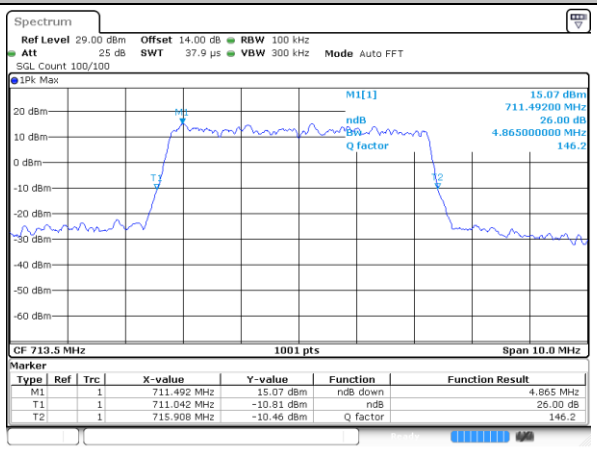
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

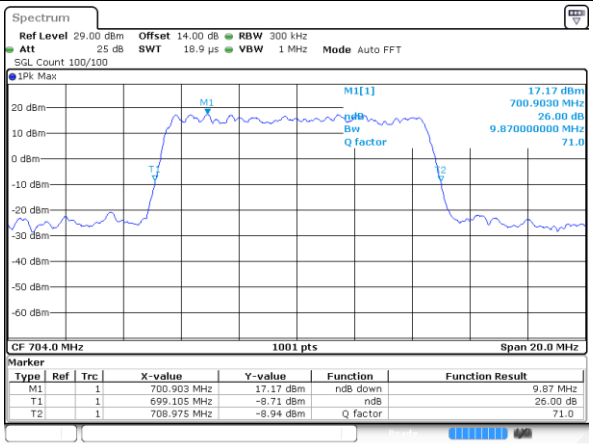


Highest Channel / 5MHz / 16QAM

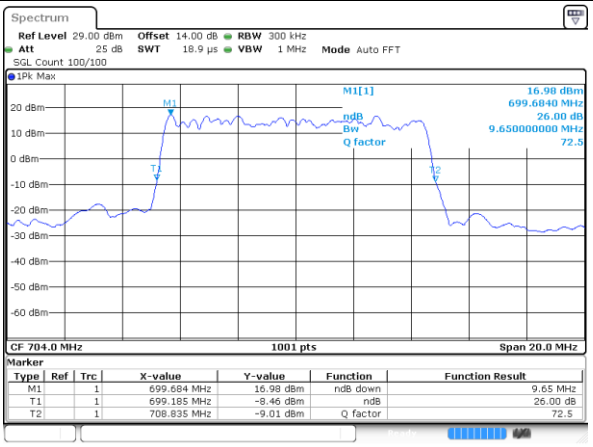


LTE Band 12

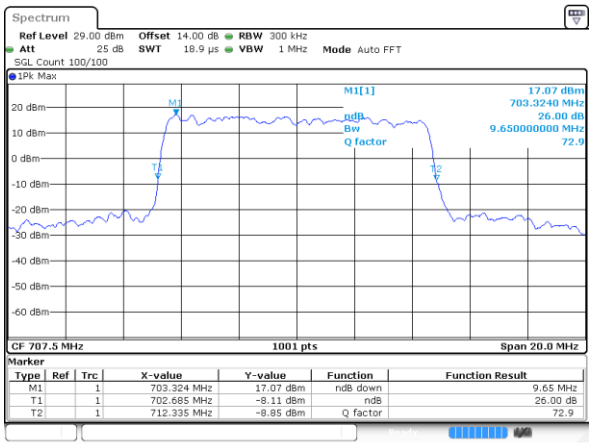
Lowest Channel / 10MHz / QPSK



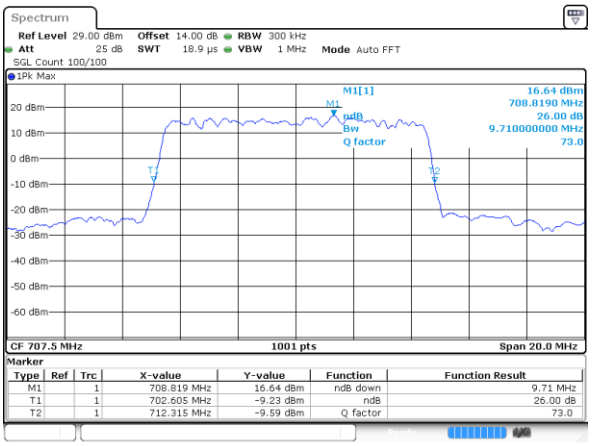
Lowest Channel / 10MHz / 16QAM



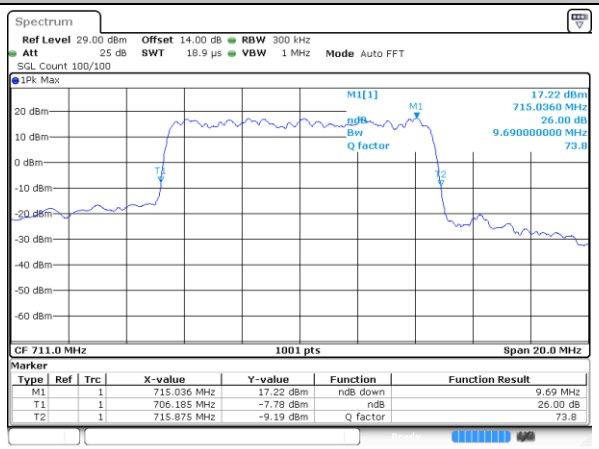
Middle Channel / 10MHz / QPSK



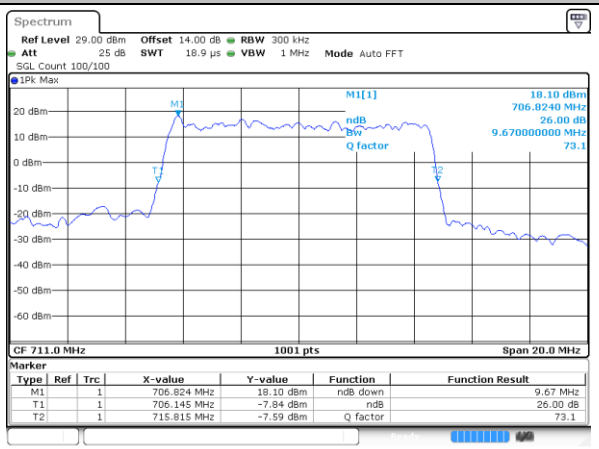
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

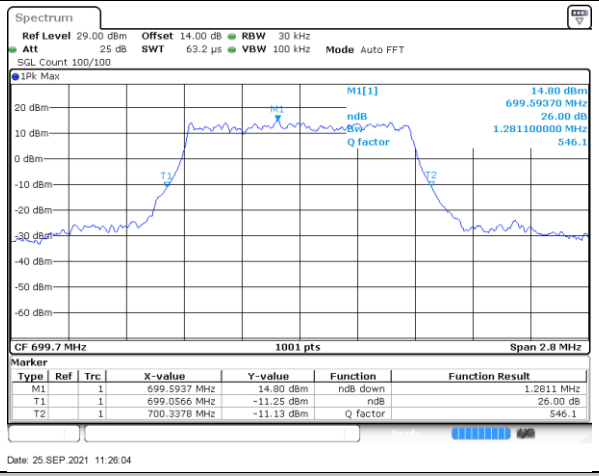


Highest Channel / 10MHz / 16QAM

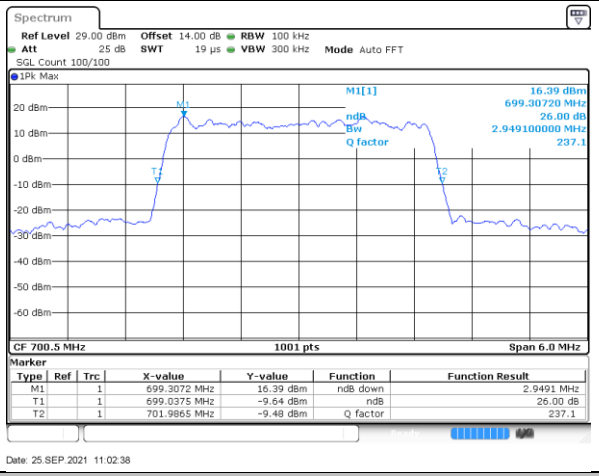


LTE Band 12

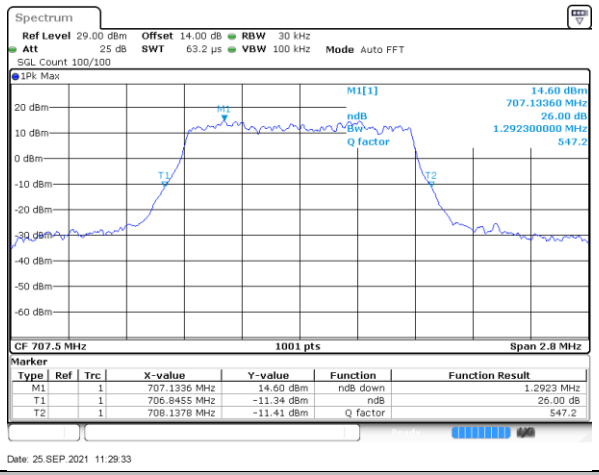
Lowest Channel / 1.4MHz / 64QAM



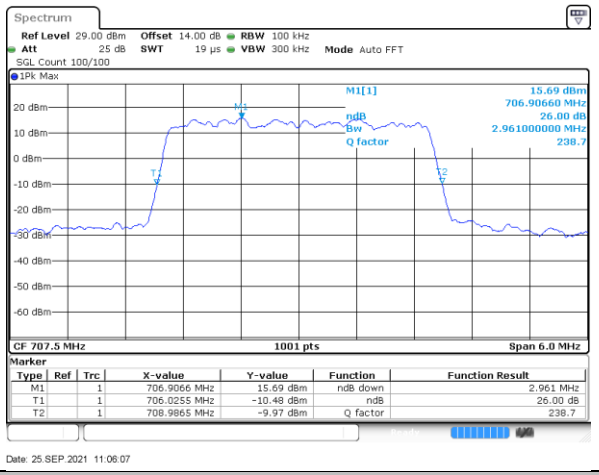
Lowest Channel / 3MHz / 64QAM



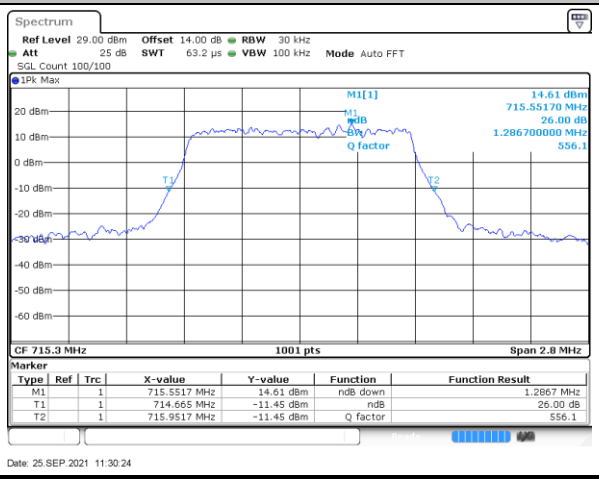
Middle Channel / 1.4MHz / 64QAM



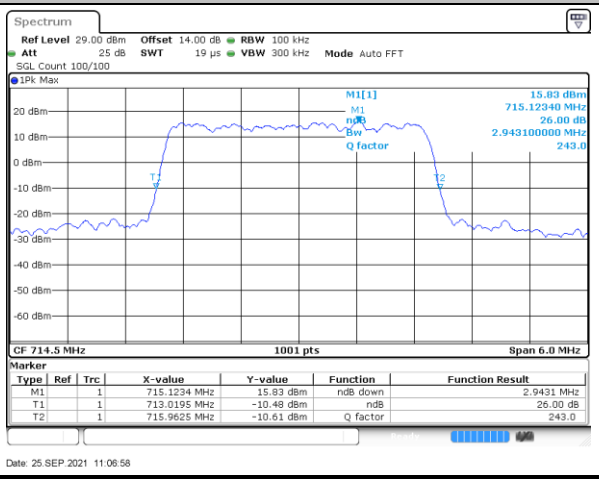
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

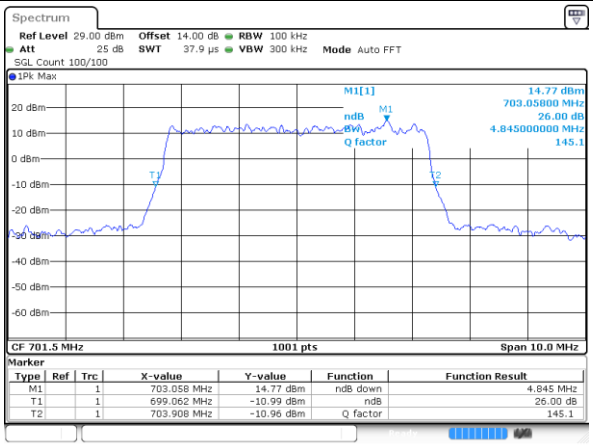


Highest Channel / 3MHz / 64QAM

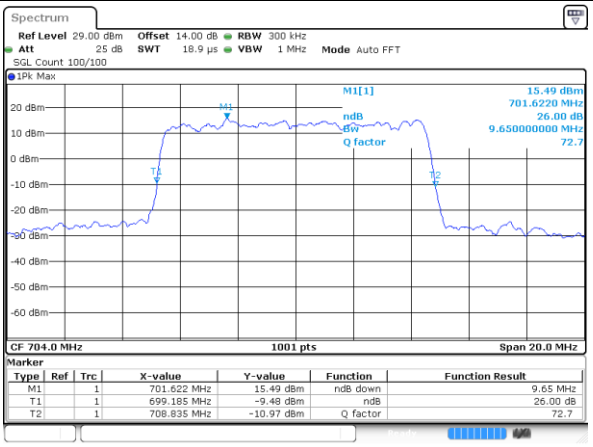


LTE Band 12

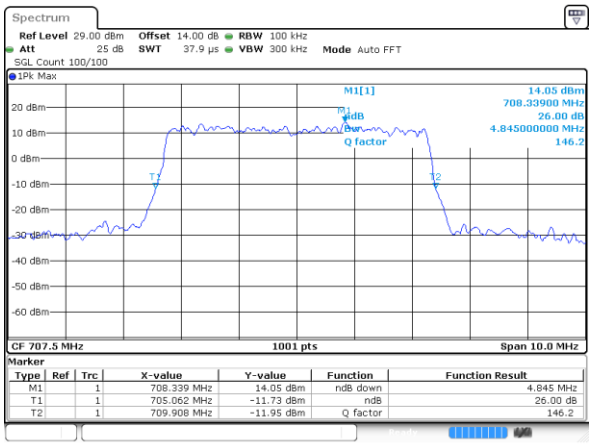
Lowest Channel / 5MHz / 64QAM



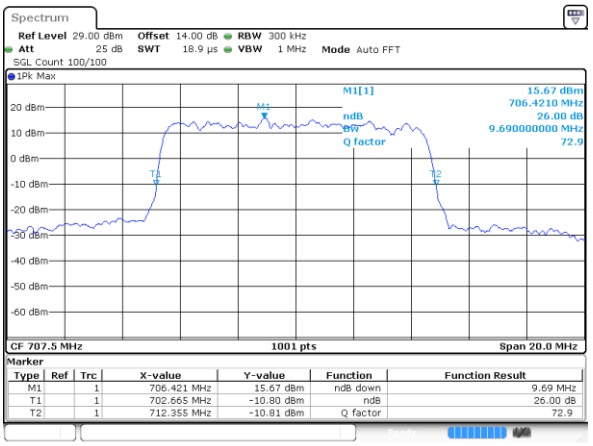
Lowest Channel / 10MHz / 64QAM



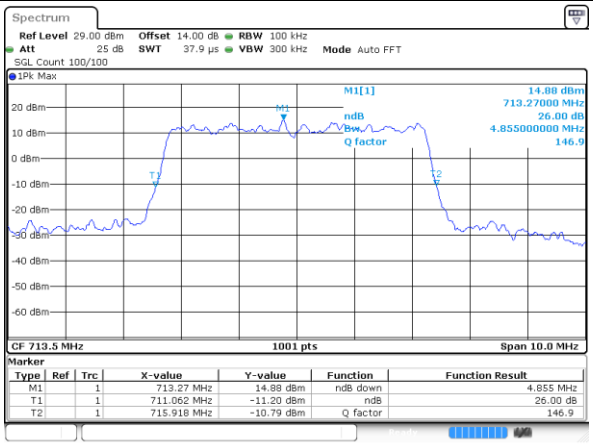
Middle Channel / 5MHz / 64QAM



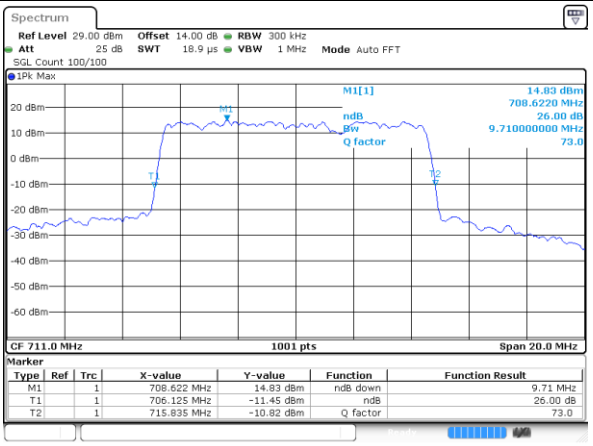
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

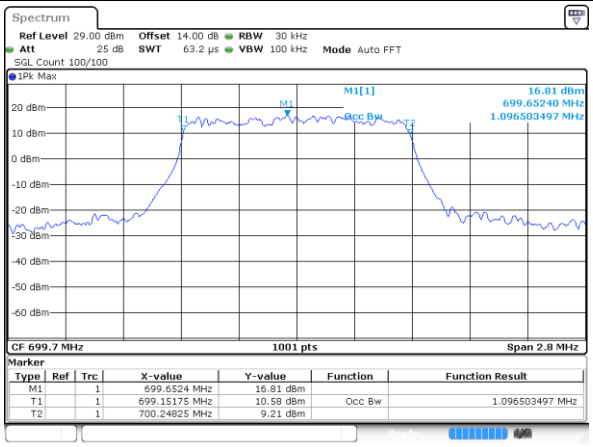


Occupied Bandwidth

Mode	LTE Band 12 : 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	1.10	1.09	2.72	2.72	4.51	4.49	9.09	8.99	-	-	-	-
Middle CH	1.09	1.09	2.72	2.70	4.50	4.49	9.01	9.03	-	-	-	-
Highest CH	1.09	1.09	2.72	2.73	4.49	4.49	9.03	9.03	-	-	-	-
Mode	LTE Band 12 : 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	-	9.05	-	-	-	-	-
Middle CH	1.10	-	2.71	-	4.51	-	9.01	-	-	-	-	-
Highest CH	1.10	-	2.73	-	4.49	-	9.03	-	-	-	-	-

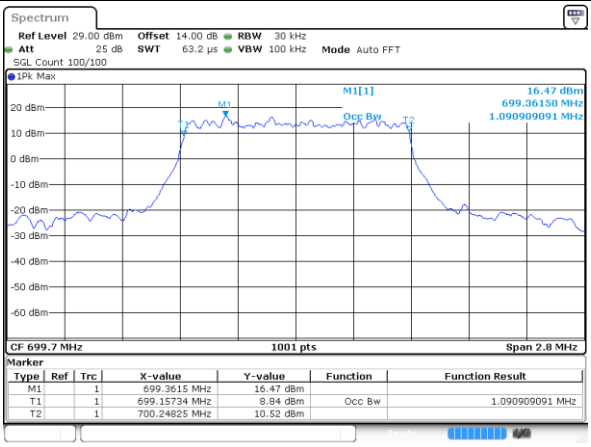
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



Date: 25.SEP.2021 10:42:20

Lowest Channel / 1.4MHz / 16QAM



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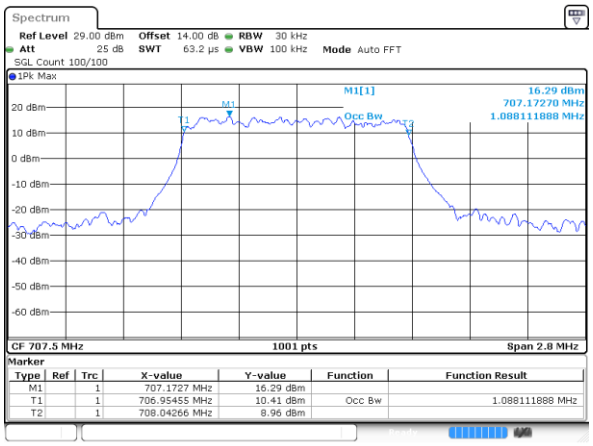
Middle Channel / 1.4MHz / QPSK



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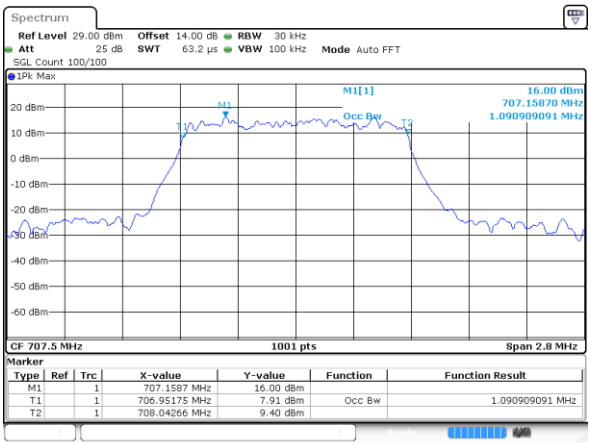
Middle Channel / 1.4MHz / 16QAM



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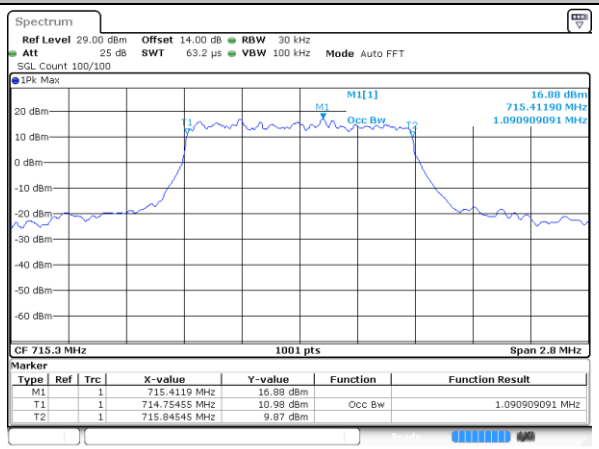
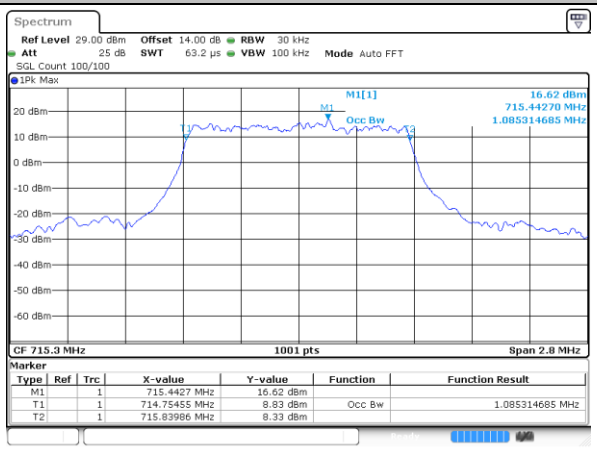
Highest Channel / 1.4MHz / QPSK



Date: 25.SEP.2021 10:51:00

Highest Channel / 1.4MHz / 16QAM



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