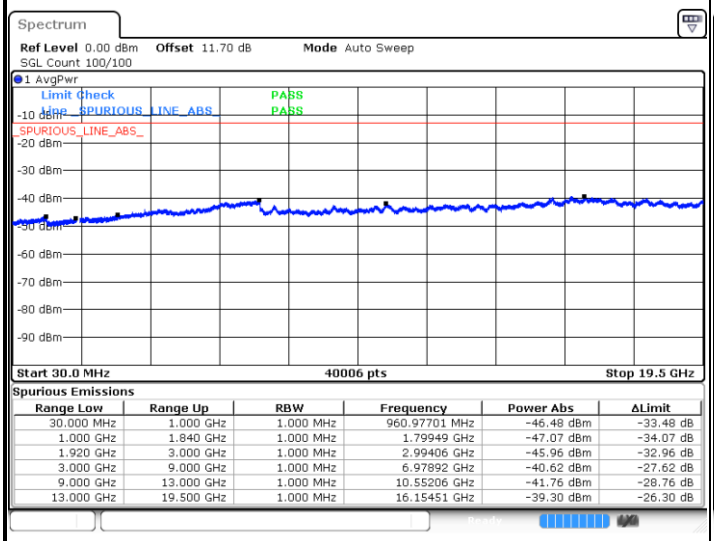
LTE Band 2 / 10MHz

Middle Channel / QPSK

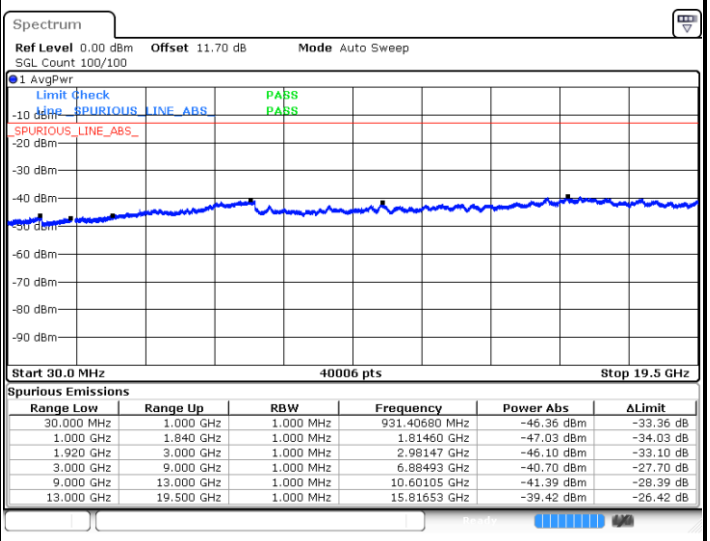


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-46.48 dBm	-33.48 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79949 GHz	-47.07 dBm	-34.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-45.96 dBm	-32.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55206 GHz	-41.76 dBm	-28.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.15451 GHz	-39.30 dBm	-26.30 dB

Date: 11.NOV.2019 21:04:32

Middle Channel / 16QAM

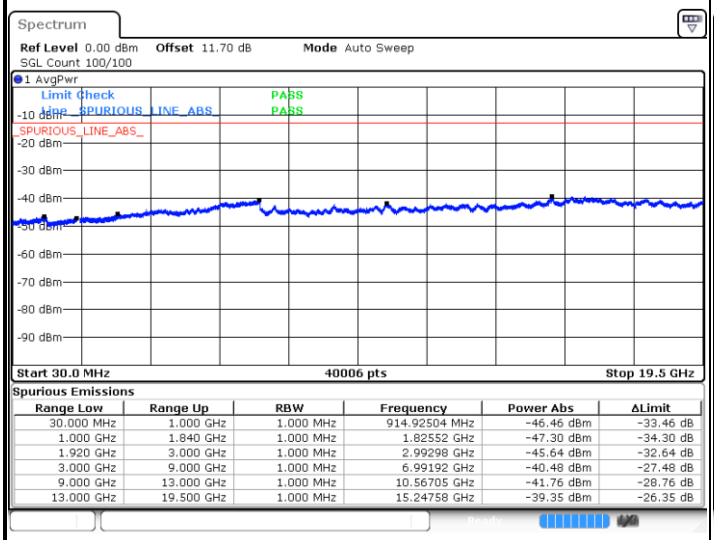


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-46.36 dBm	-33.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81460 GHz	-47.03 dBm	-34.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98147 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88493 GHz	-40.70 dBm	-27.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60105 GHz	-41.39 dBm	-28.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81653 GHz	-39.42 dBm	-26.42 dB

Date: 11.NOV.2019 21:05:12

Highest Channel / QPSK

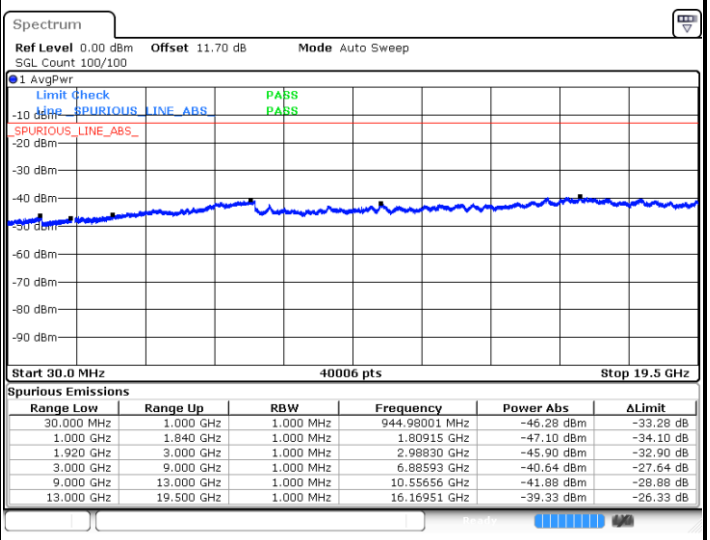


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-46.46 dBm	-33.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82552 GHz	-47.30 dBm	-34.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99298 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-40.48 dBm	-27.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56705 GHz	-41.76 dBm	-28.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.24758 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 21:19:09

Highest Channel / 16QAM



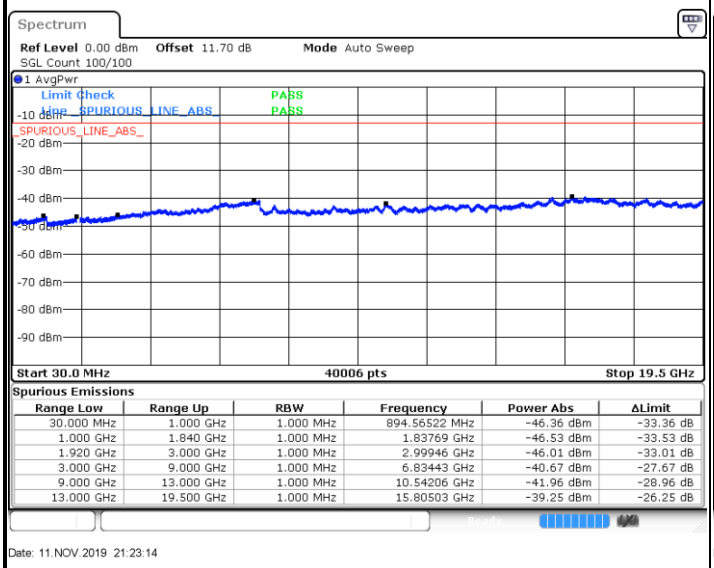
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-46.28 dBm	-33.28 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80915 GHz	-47.10 dBm	-34.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98830 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88593 GHz	-40.64 dBm	-27.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55656 GHz	-41.88 dBm	-28.88 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16951 GHz	-39.33 dBm	-26.33 dB

Date: 11.NOV.2019 21:19:49

LTE Band 2 / 15MHz

Lowest Channel / QPSK

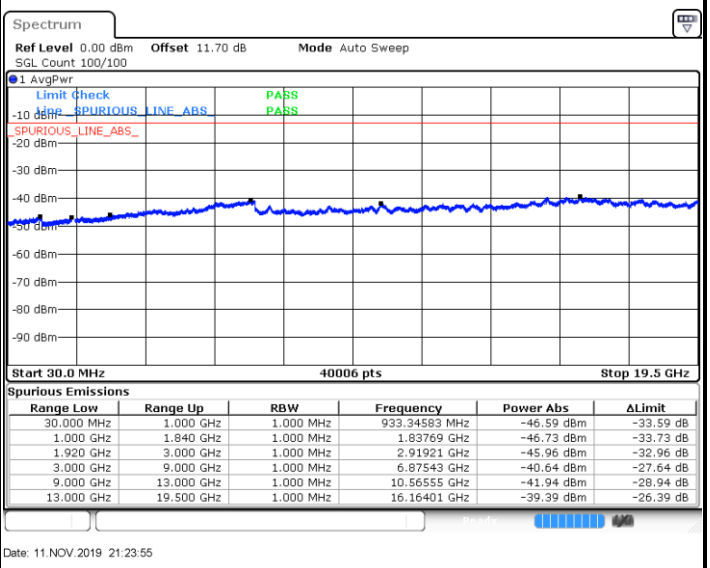


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-46.36 dBm	-33.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-46.53 dBm	-33.53 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83443 GHz	-40.67 dBm	-27.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54206 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80503 GHz	-39.25 dBm	-26.25 dB

Date: 11.NOV.2019 21:23:14

Lowest Channel / 16QAM

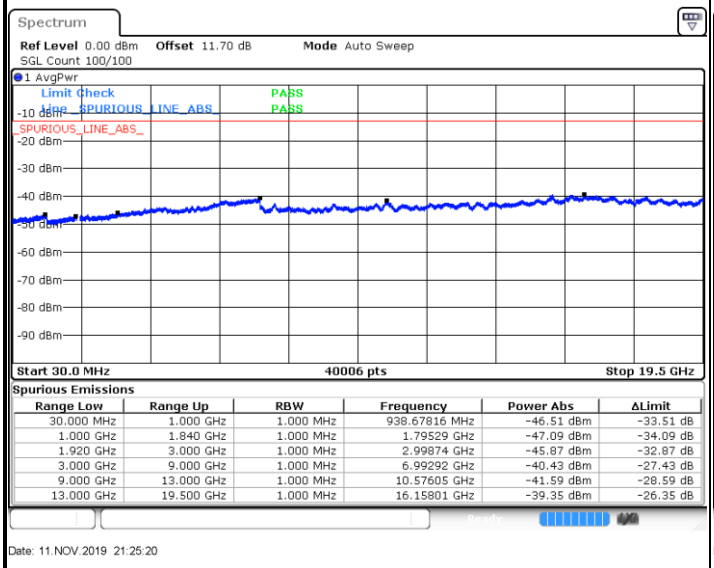


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-46.59 dBm	-33.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-46.73 dBm	-33.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.91921 GHz	-45.96 dBm	-32.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87543 GHz	-40.64 dBm	-27.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56555 GHz	-41.94 dBm	-28.94 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16401 GHz	-39.39 dBm	-26.39 dB

Date: 11.NOV.2019 21:23:55

Middle Channel / QPSK

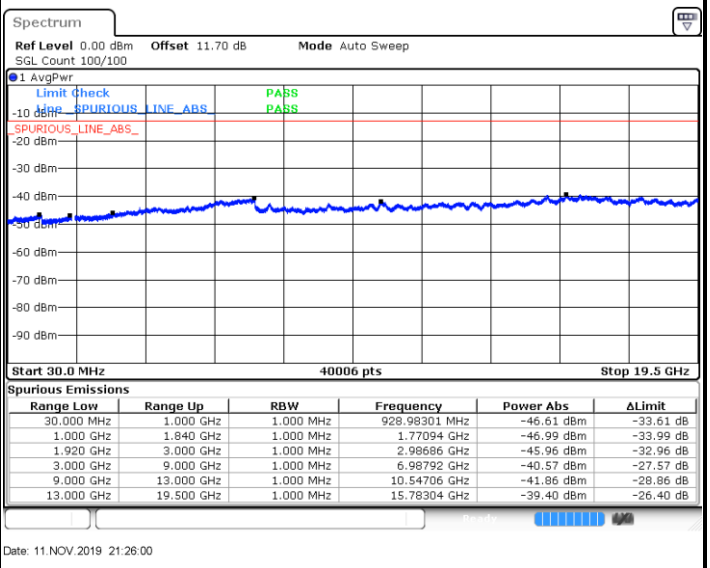


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-46.51 dBm	-33.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79529 GHz	-47.09 dBm	-34.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-45.87 dBm	-32.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-40.43 dBm	-27.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57605 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.15801 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 21:25:20

Middle Channel / 16QAM



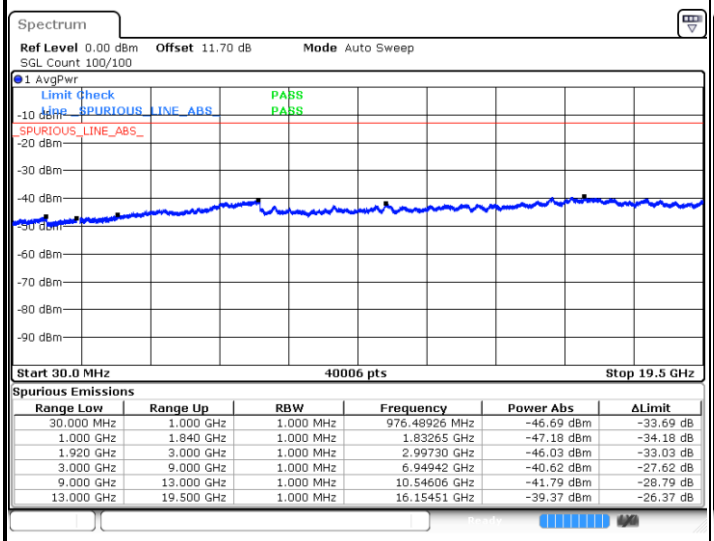
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-46.61 dBm	-33.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77094 GHz	-46.99 dBm	-33.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98686 GHz	-45.96 dBm	-32.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-40.57 dBm	-27.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54706 GHz	-41.86 dBm	-28.86 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.78304 GHz	-39.40 dBm	-26.40 dB

Date: 11.NOV.2019 21:26:00

LTE Band 2 / 15MHz

Highest Channel / QPSK

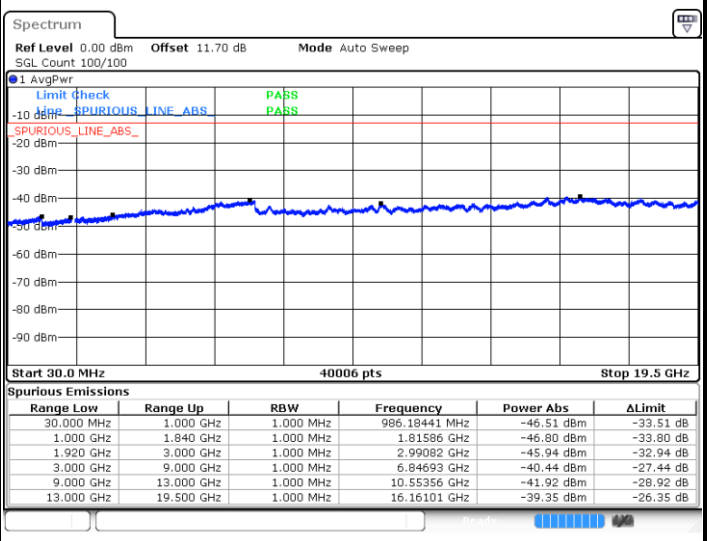


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-46.69 dBm	-33.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-47.18 dBm	-34.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54606 GHz	-41.79 dBm	-28.79 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.15451 GHz	-39.37 dBm	-26.37 dB

Date: 11.NOV.2019 21:29:24

Highest Channel / 16QAM



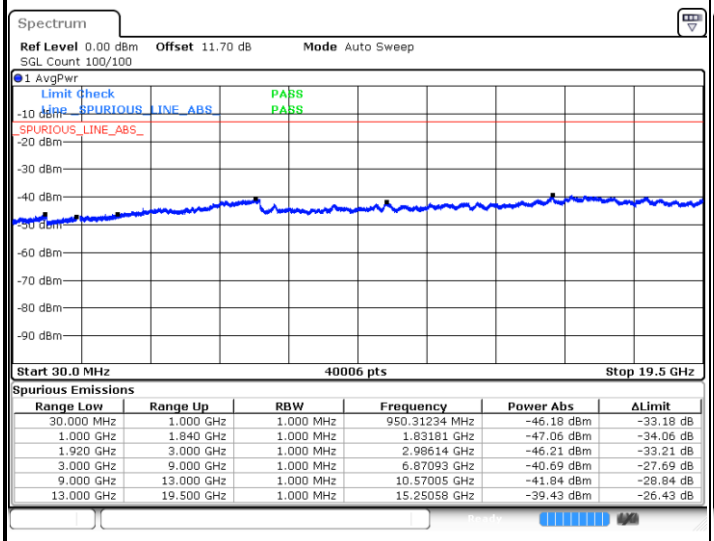
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-46.51 dBm	-33.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-46.80 dBm	-33.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84693 GHz	-40.44 dBm	-27.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55356 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16101 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 21:30:04

LTE Band 2 / 20MHz

Lowest Channel / QPSK

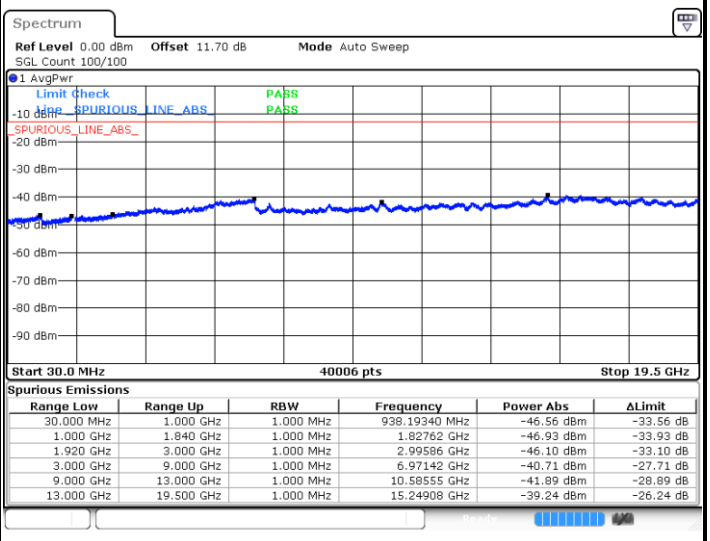


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-46.18 dBm	-33.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83181 GHz	-47.06 dBm	-34.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98614 GHz	-46.21 dBm	-33.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87093 GHz	-40.69 dBm	-27.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57005 GHz	-41.84 dBm	-28.84 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.25058 GHz	-39.43 dBm	-26.43 dB

Date: 11.NOV.2019 21:33:29

Lowest Channel / 16QAM



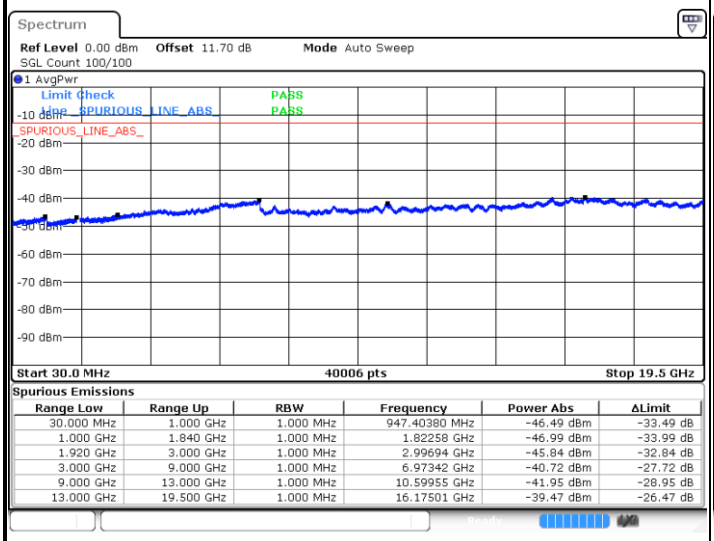
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-46.56 dBm	-33.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82762 GHz	-46.93 dBm	-33.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97142 GHz	-40.71 dBm	-27.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58555 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.24908 GHz	-39.24 dBm	-26.24 dB

Date: 11.NOV.2019 21:34:10

LTE Band 2 / 20MHz

Middle Channel / QPSK

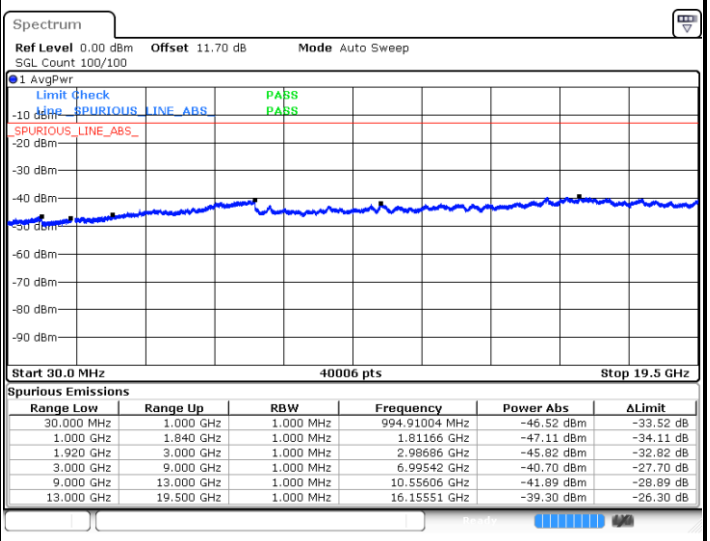


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-46.49 dBm	-33.49 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82258 GHz	-46.99 dBm	-33.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-45.84 dBm	-32.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97342 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59955 GHz	-41.95 dBm	-28.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17501 GHz	-39.47 dBm	-26.47 dB

Date: 11.NOV.2019 21:35:35

Middle Channel / 16QAM

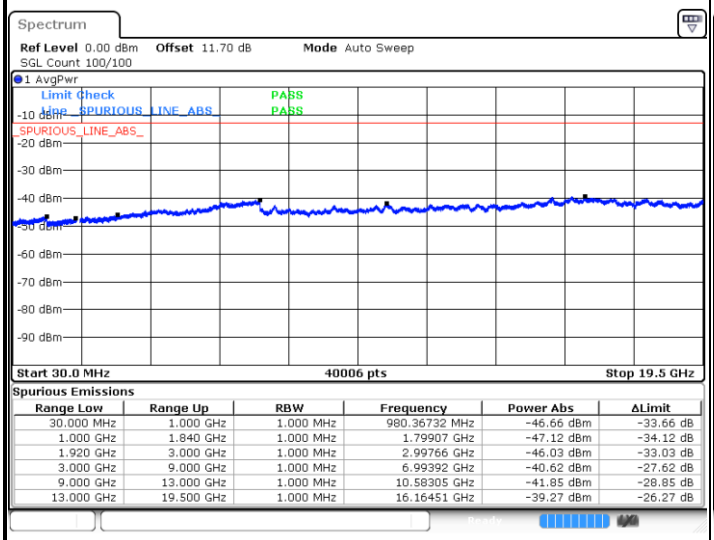


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-46.52 dBm	-33.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81166 GHz	-47.11 dBm	-34.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98686 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-40.70 dBm	-27.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55606 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.15551 GHz	-39.30 dBm	-26.30 dB

Date: 11.NOV.2019 21:36:15

Highest Channel / QPSK

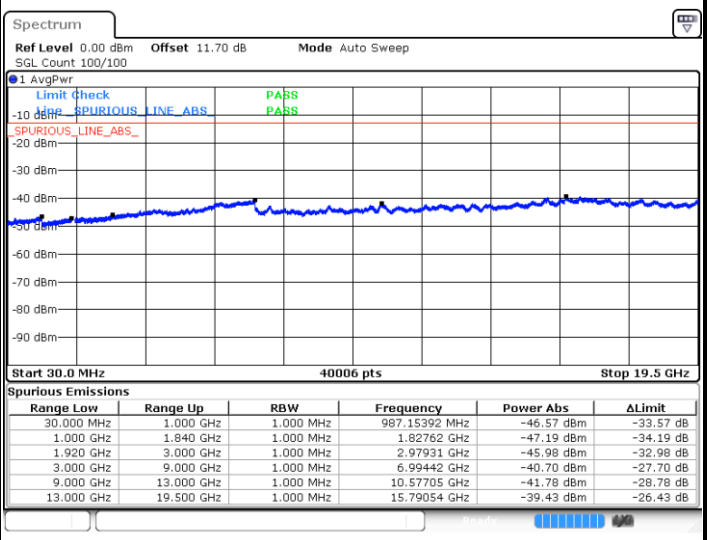


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-46.66 dBm	-33.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79907 GHz	-47.12 dBm	-34.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58305 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16451 GHz	-39.27 dBm	-26.27 dB

Date: 11.NOV.2019 21:43:21

Highest Channel / 16QAM



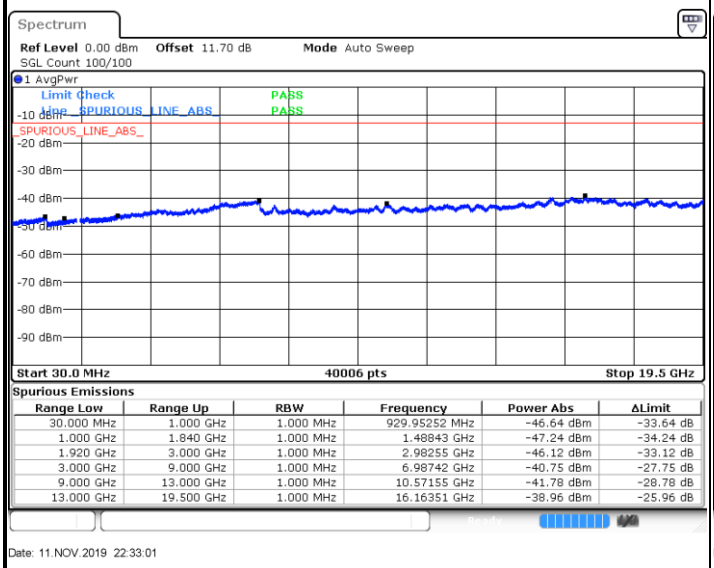
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-46.57 dBm	-33.57 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82762 GHz	-47.19 dBm	-34.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97931 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-40.70 dBm	-27.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57705 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79054 GHz	-39.43 dBm	-26.43 dB

Date: 11.NOV.2019 21:44:01

LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

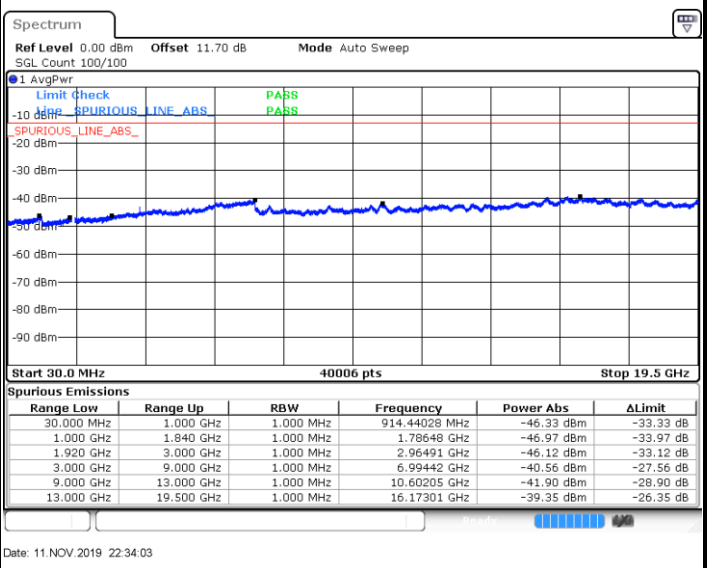


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.48843 GHz	-47.24 dBm	-34.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98255 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98742 GHz	-40.75 dBm	-27.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57155 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16351 GHz	-38.96 dBm	-25.96 dB

Date: 11.NOV.2019 22:33:01

Middle Channel / 64QAM

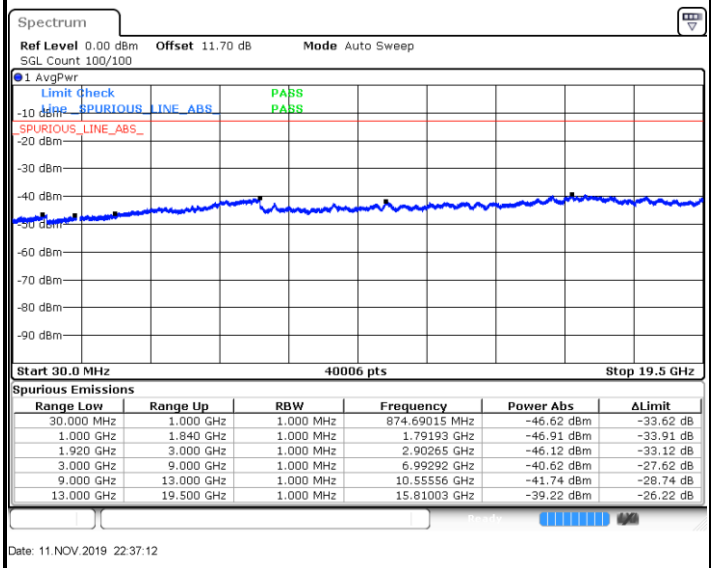


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-46.33 dBm	-33.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78648 GHz	-46.97 dBm	-33.97 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96491 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-40.56 dBm	-27.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60205 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17301 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 22:34:03

Highest Channel / 64QAM



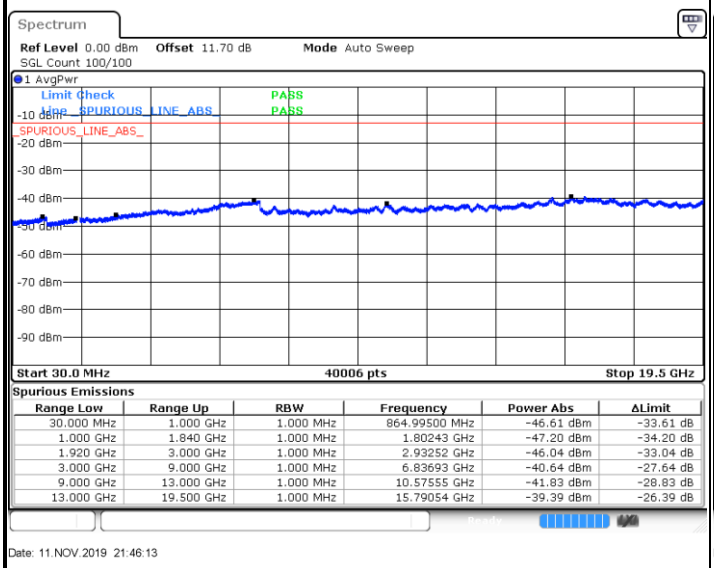
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.69015 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79193 GHz	-46.91 dBm	-33.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.90265 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-40.62 dBm	-27.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55556 GHz	-41.74 dBm	-28.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81003 GHz	-39.22 dBm	-26.22 dB

Date: 11.NOV.2019 22:37:12

LTE Band 2 / 3MHz

Lowest Channel / 64QAM

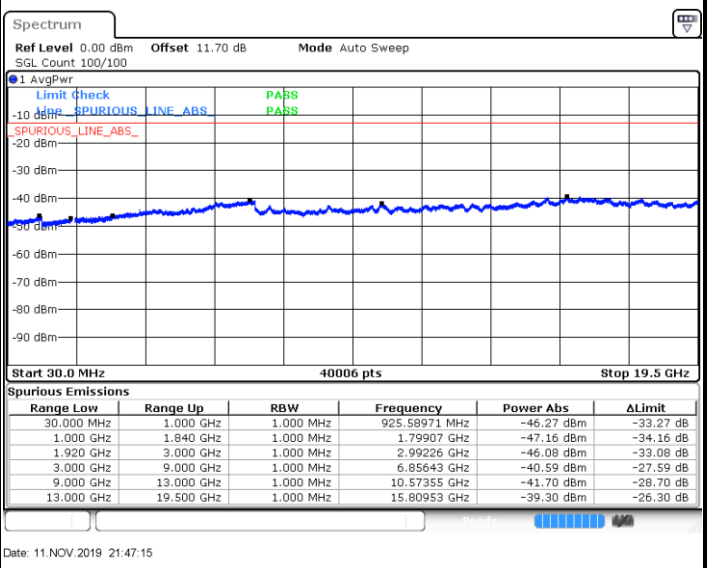


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-46.61 dBm	-33.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80243 GHz	-47.20 dBm	-34.20 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.93252 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83693 GHz	-40.64 dBm	-27.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57555 GHz	-41.83 dBm	-28.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79054 GHz	-39.39 dBm	-26.39 dB

Date: 11.NOV.2019 21:46:13

Middle Channel / 64QAM

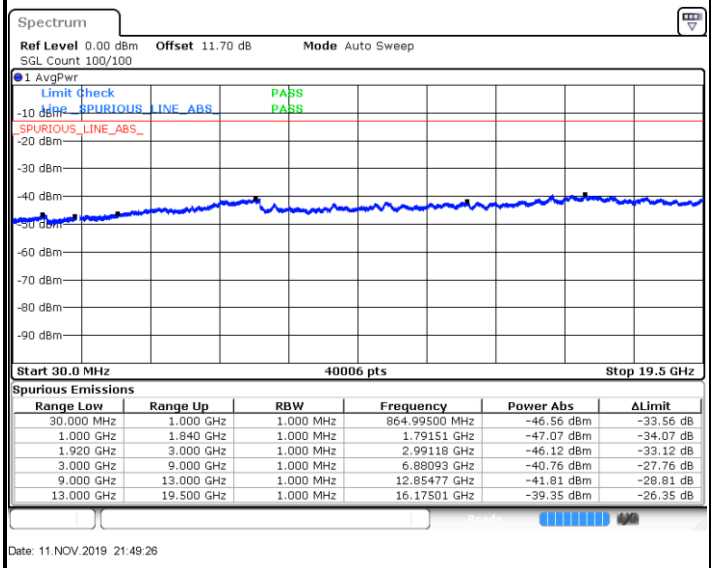


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-46.27 dBm	-33.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79907 GHz	-47.16 dBm	-34.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99226 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85643 GHz	-40.59 dBm	-27.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57355 GHz	-41.70 dBm	-28.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80953 GHz	-39.30 dBm	-26.30 dB

Date: 11.NOV.2019 21:47:15

Highest Channel / 64QAM



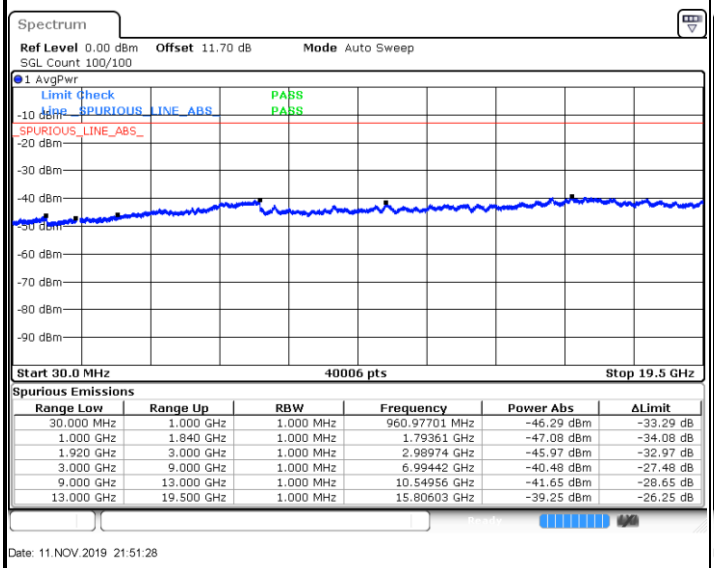
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-46.56 dBm	-33.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79151 GHz	-47.07 dBm	-34.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99118 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88093 GHz	-40.76 dBm	-27.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85477 GHz	-41.81 dBm	-28.81 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17501 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 21:49:26

LTE Band 2 / 5MHz

Lowest Channel / 64QAM

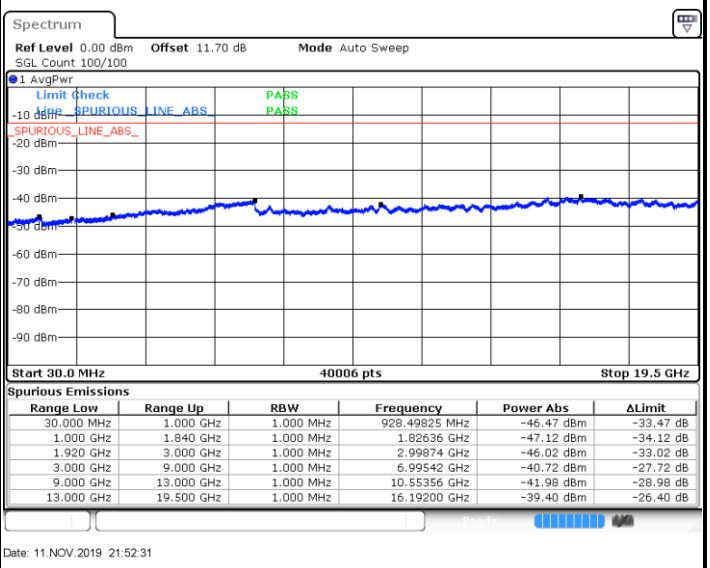


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-46.29 dBm	-33.29 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79361 GHz	-47.08 dBm	-34.08 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-40.48 dBm	-27.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54956 GHz	-41.65 dBm	-28.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.80603 GHz	-39.25 dBm	-26.25 dB

Date: 11.NOV.2019 21:51:28

Middle Channel / 64QAM

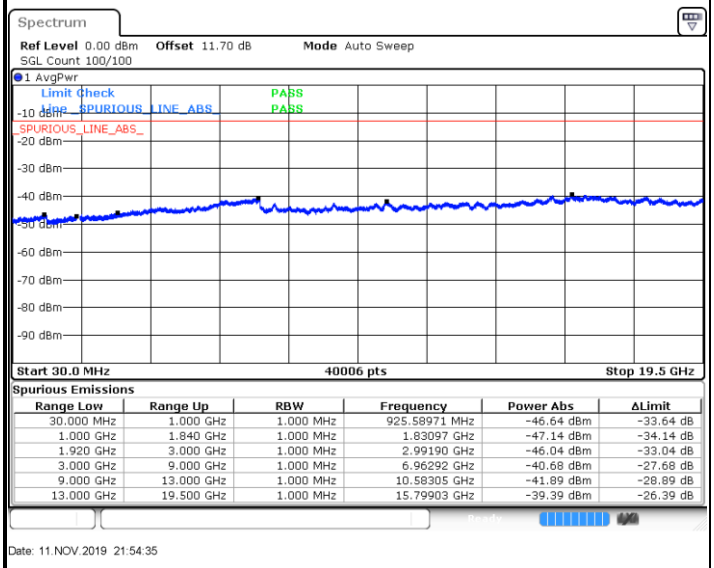


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-46.47 dBm	-33.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-47.12 dBm	-34.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-46.02 dBm	-33.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55356 GHz	-41.98 dBm	-28.98 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.19200 GHz	-39.40 dBm	-26.40 dB

Date: 11.NOV.2019 21:52:31

Highest Channel / 64QAM



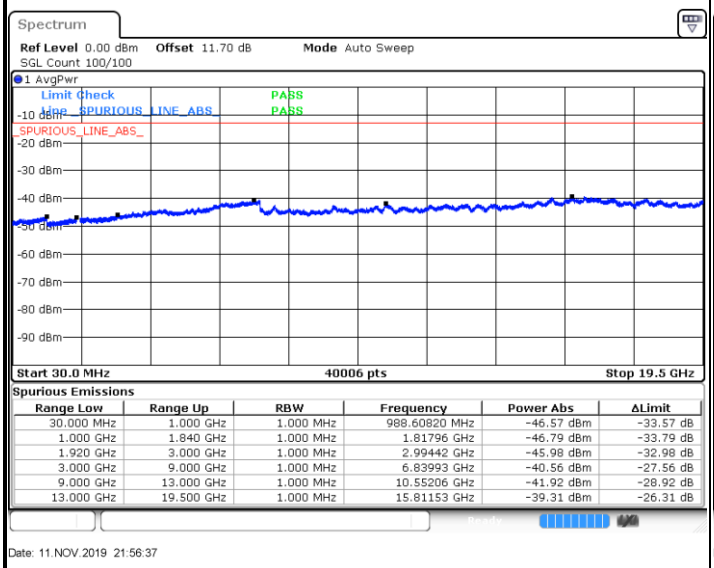
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-47.14 dBm	-34.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96292 GHz	-40.68 dBm	-27.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58305 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79903 GHz	-39.39 dBm	-26.39 dB

Date: 11.NOV.2019 21:54:35

LTE Band 2 / 10MHz

Lowest Channel / 64QAM

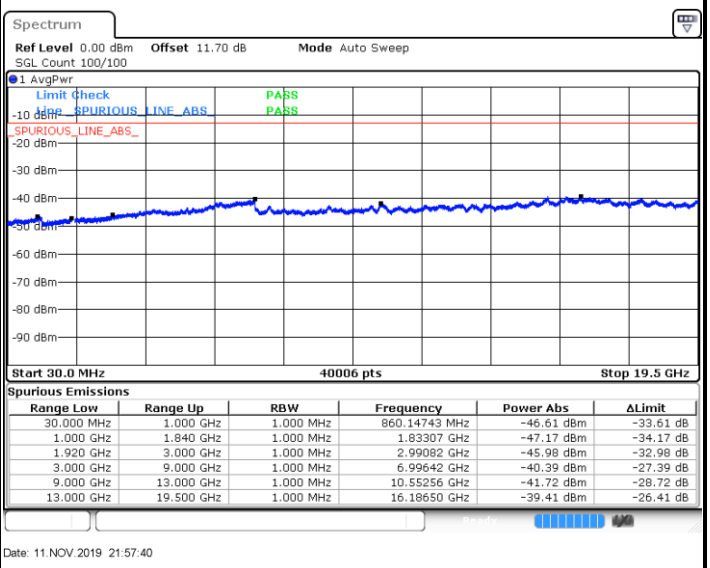


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-46.57 dBm	-33.57 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-46.79 dBm	-33.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99442 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83993 GHz	-40.56 dBm	-27.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55206 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81153 GHz	-39.31 dBm	-26.31 dB

Date: 11.NOV.2019 21:56:37

Middle Channel / 64QAM

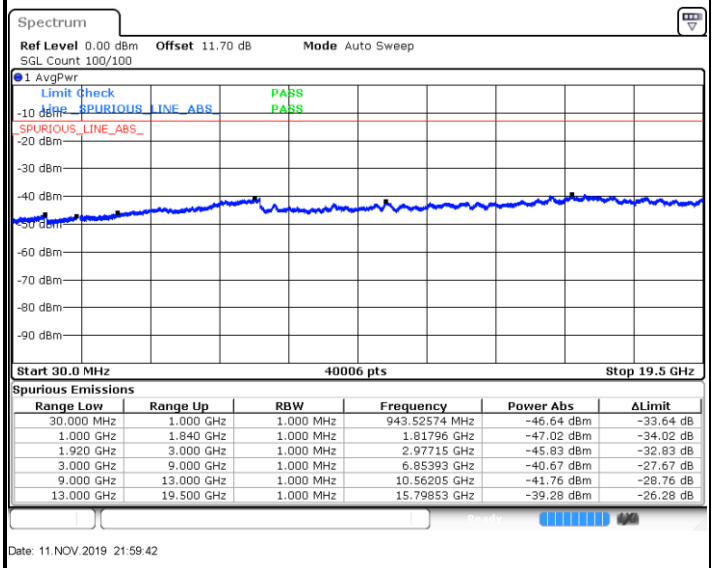


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.14743 MHz	-46.61 dBm	-33.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-47.17 dBm	-34.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99082 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-40.39 dBm	-27.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55256 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18650 GHz	-39.41 dBm	-26.41 dB

Date: 11.NOV.2019 21:57:40

Highest Channel / 64QAM



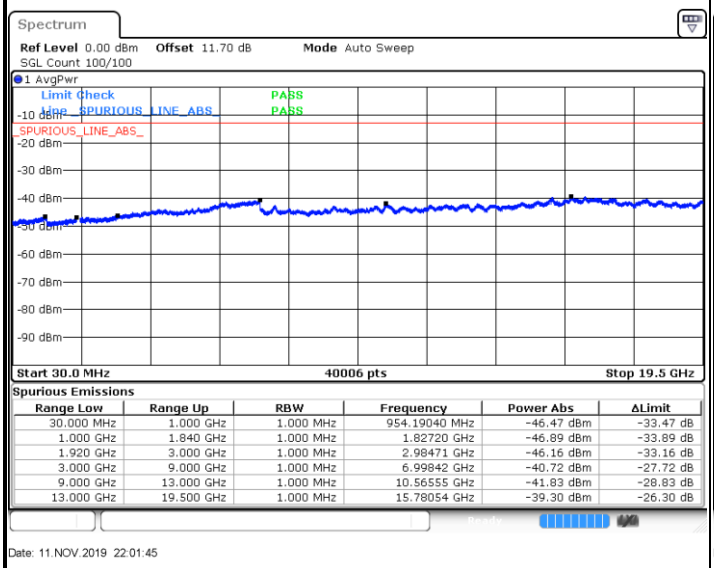
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-47.02 dBm	-34.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97715 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85393 GHz	-40.67 dBm	-27.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56205 GHz	-41.76 dBm	-28.76 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79853 GHz	-39.28 dBm	-26.28 dB

Date: 11.NOV.2019 21:59:42

LTE Band 2 / 15MHz

Lowest Channel / 64QAM

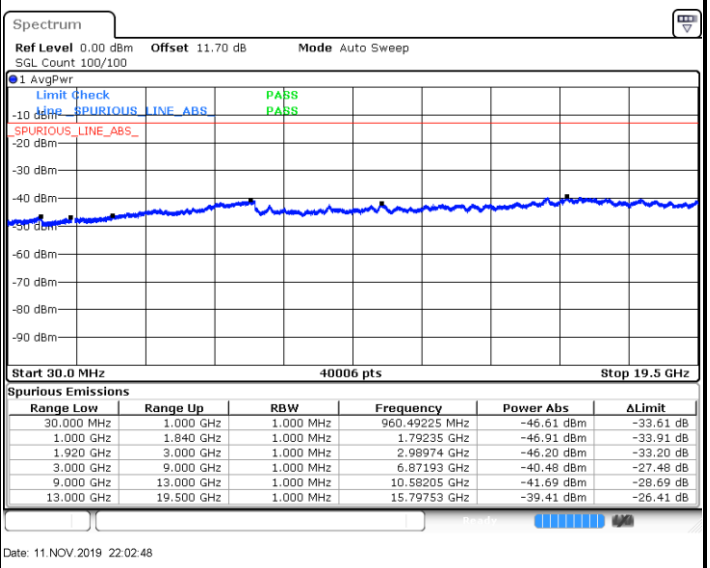


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.19040 MHz	-46.47 dBm	-33.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82720 GHz	-46.89 dBm	-33.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98471 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-40.72 dBm	-27.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56555 GHz	-41.83 dBm	-28.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.78054 GHz	-39.30 dBm	-26.30 dB

Date: 11.NOV.2019 22:01:45

Middle Channel / 64QAM

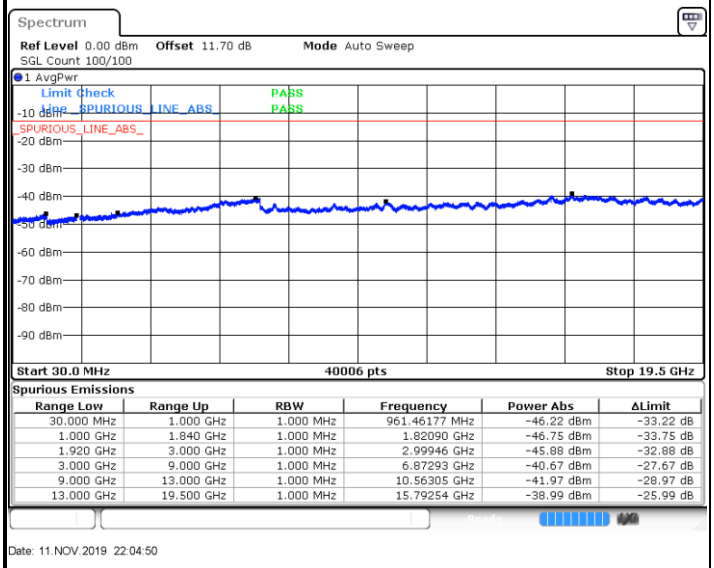


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.49225 MHz	-46.61 dBm	-33.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79235 GHz	-46.91 dBm	-33.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-46.20 dBm	-33.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87193 GHz	-40.48 dBm	-27.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58205 GHz	-41.69 dBm	-28.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79753 GHz	-39.41 dBm	-26.41 dB

Date: 11.NOV.2019 22:02:48

Highest Channel / 64QAM



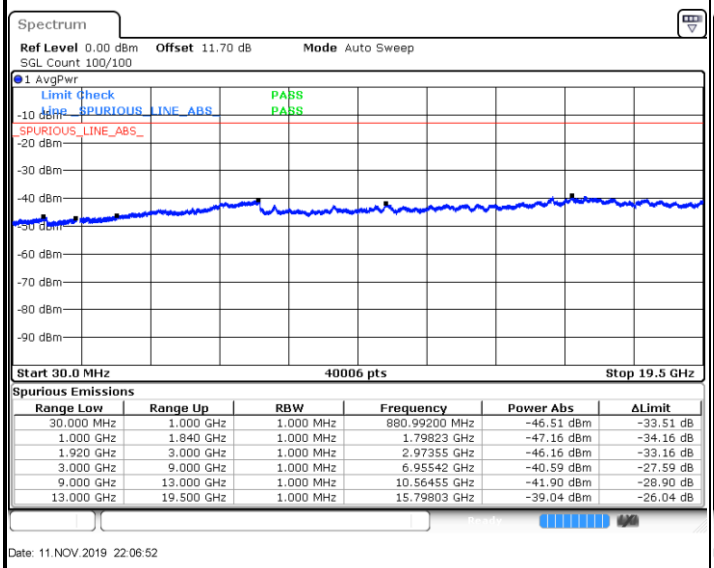
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-46.22 dBm	-33.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82090 GHz	-46.75 dBm	-33.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99946 GHz	-45.88 dBm	-32.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87293 GHz	-40.67 dBm	-27.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56305 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79254 GHz	-38.99 dBm	-25.99 dB

Date: 11.NOV.2019 22:04:50

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

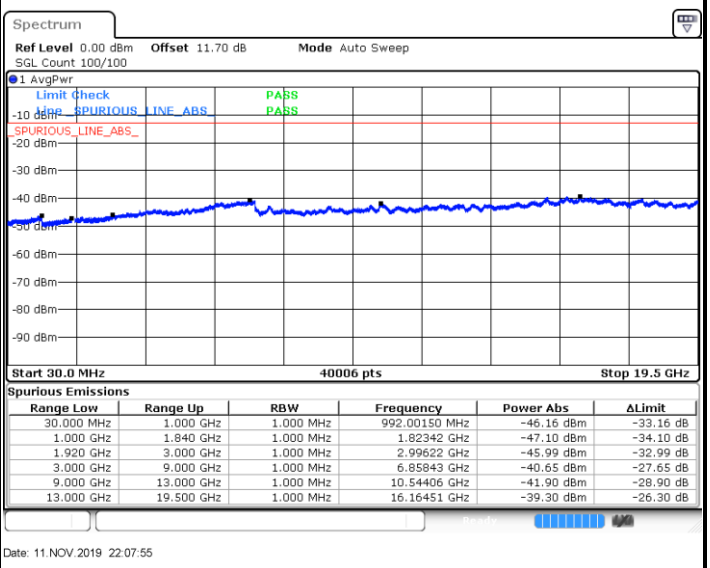


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-46.51 dBm	-33.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79823 GHz	-47.16 dBm	-34.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97355 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95542 GHz	-40.59 dBm	-27.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56455 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79803 GHz	-39.04 dBm	-26.04 dB

Date: 11.NOV.2019 22:06:52

Middle Channel / 64QAM

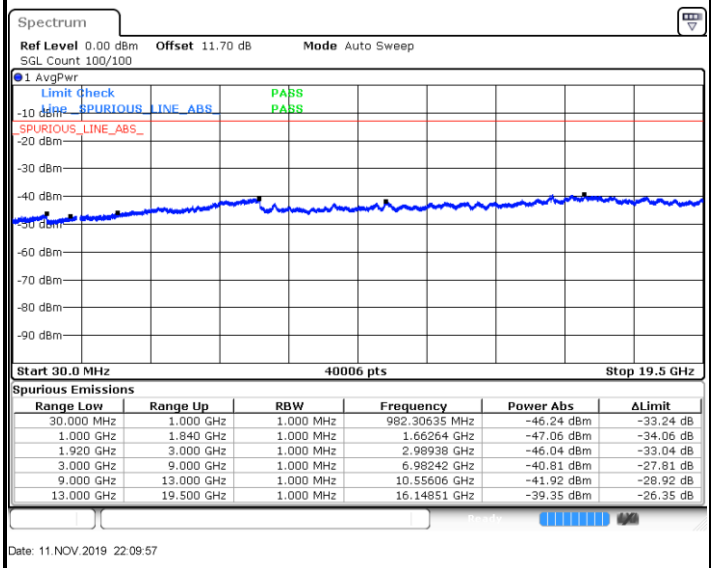


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-46.16 dBm	-33.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-47.10 dBm	-34.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85843 GHz	-40.65 dBm	-27.65 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54406 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.16451 GHz	-39.30 dBm	-26.30 dB

Date: 11.NOV.2019 22:07:55

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-46.24 dBm	-33.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66264 GHz	-47.06 dBm	-34.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98938 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98242 GHz	-40.81 dBm	-27.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55606 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.14851 GHz	-39.35 dBm	-26.35 dB

Date: 11.NOV.2019 22:09:57

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0069	PASS
40	Normal Voltage	0.0067	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0085	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	n/a	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. By manufacturer declaration, EUT will automatically inhibit from operating outside the lesser temperature range. (when temperature lower than -20 °C, EUT will be shut down automatically)

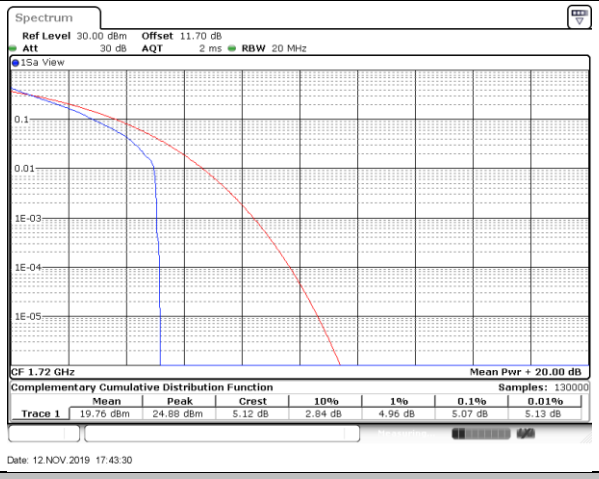
LTE Band 4

Peak-to-Average Ratio

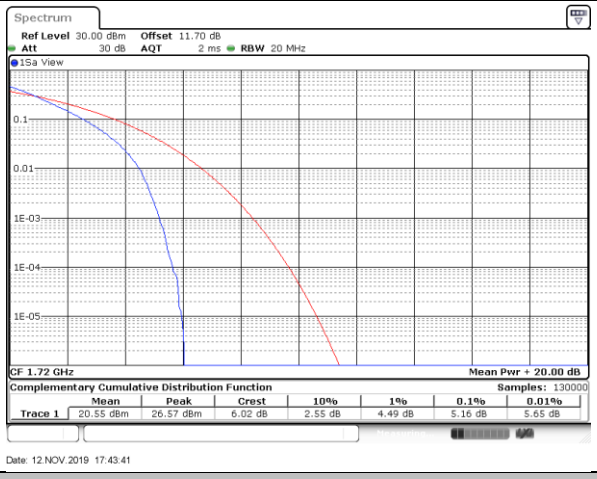
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.07	5.16	5.45	6.26	PASS
Middle CH	4.99	5.16	5.91	6.09	
Highest CH	4.81	5.16	5.25	6.12	
Mode	LTE Band 4 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.72	6.78	-	-	PASS
Middle CH	6.78	6.72	-	-	
Highest CH	6.70	6.67	-	-	

LTE Band 4 / 20MHz / QPSK

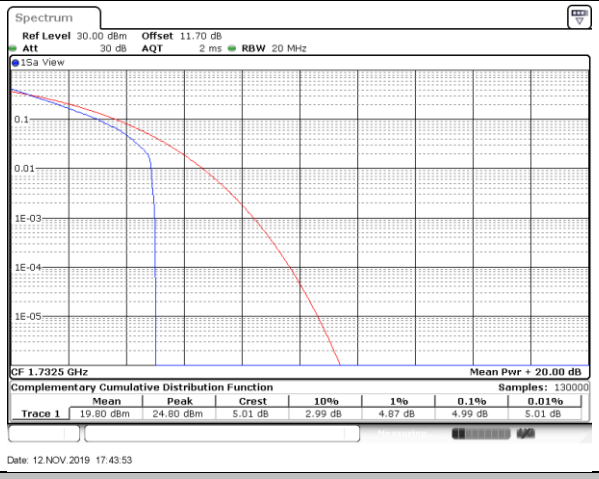
Lowest Channel / 1RB



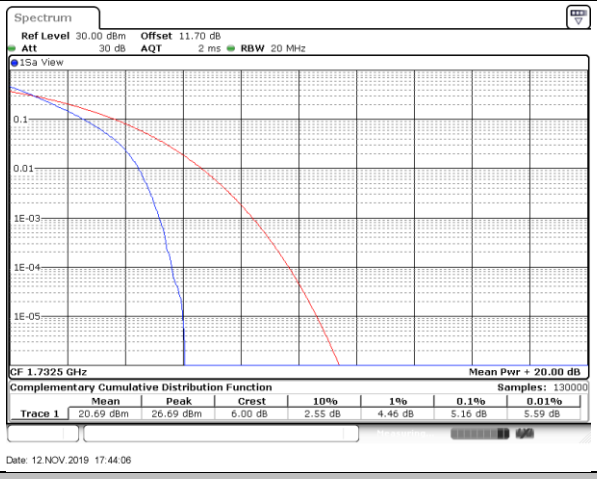
Lowest Channel / Full RB



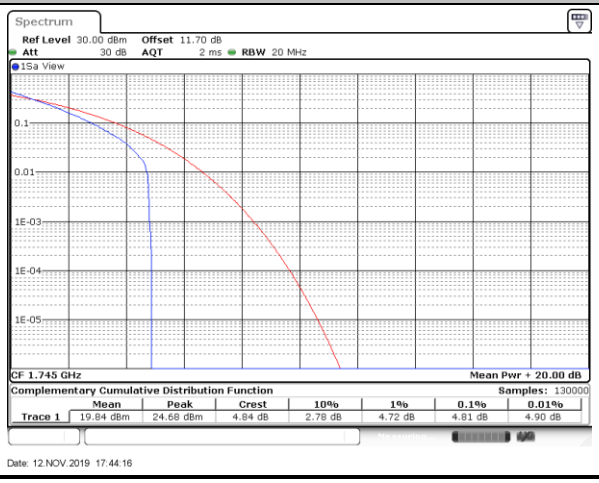
Middle Channel / 1RB



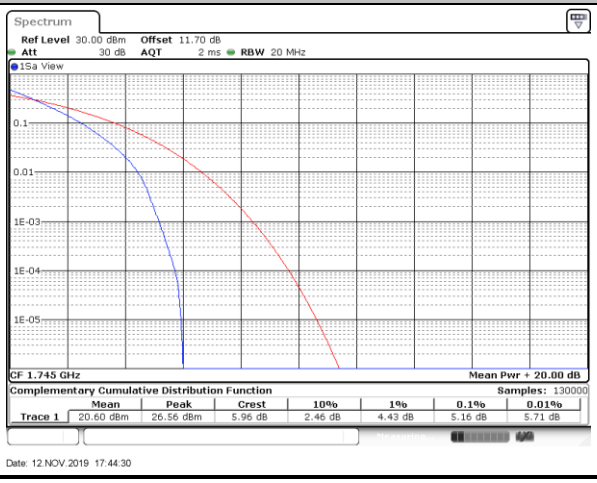
Middle Channel / Full RB



Highest Channel / 1RB

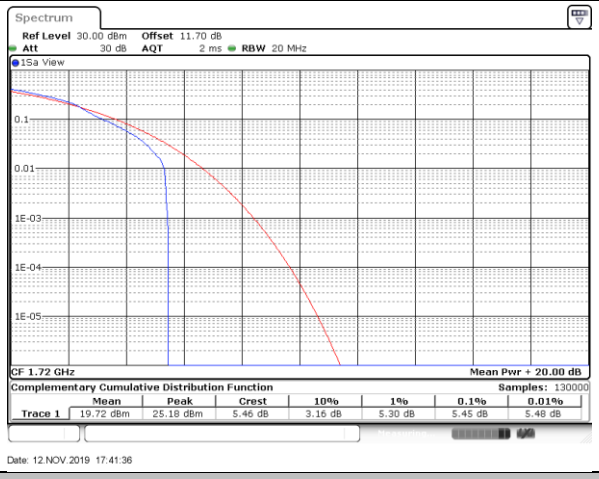


Highest Channel / Full RB

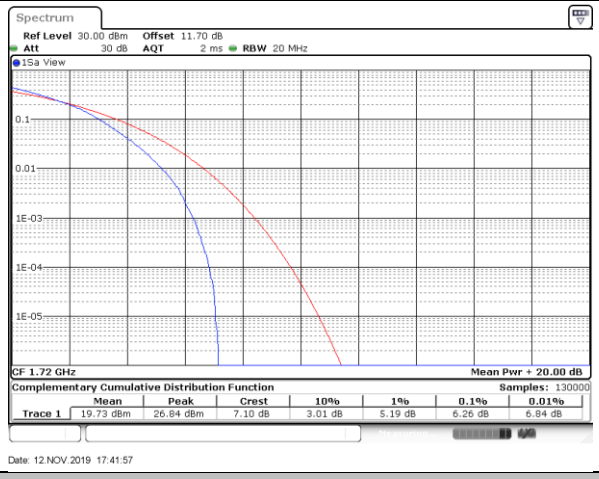


LTE Band 4 / 20MHz / 16QAM

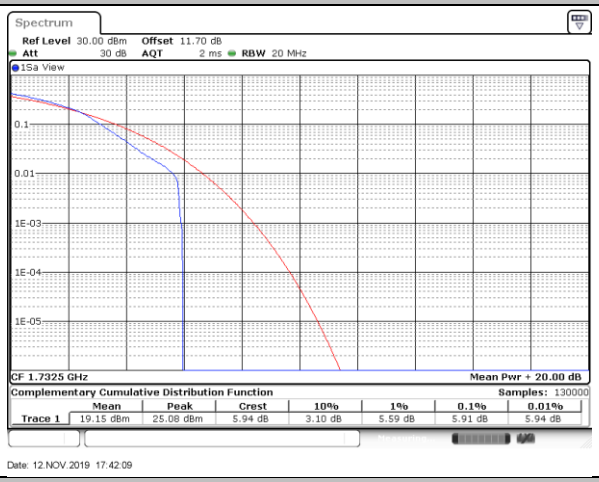
Lowest Channel / 1RB



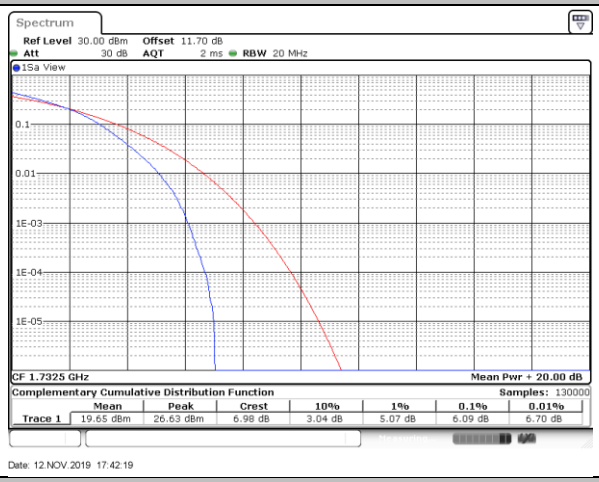
Lowest Channel / Full RB



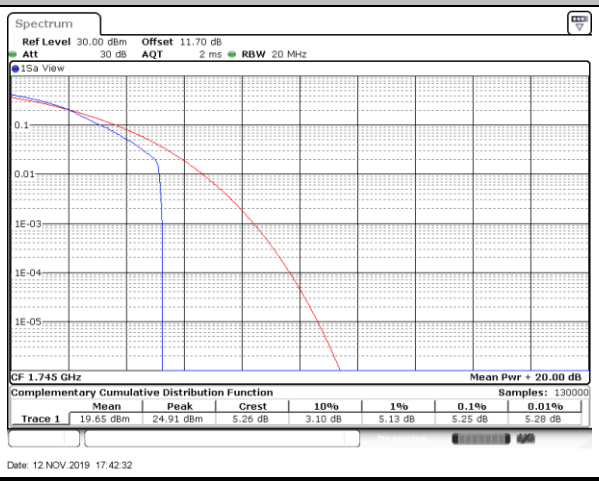
Middle Channel / 1RB



Middle Channel / Full RB



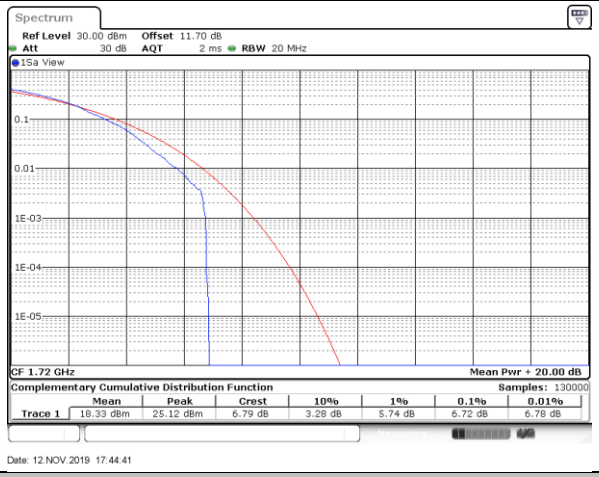
Highest Channel / 1RB



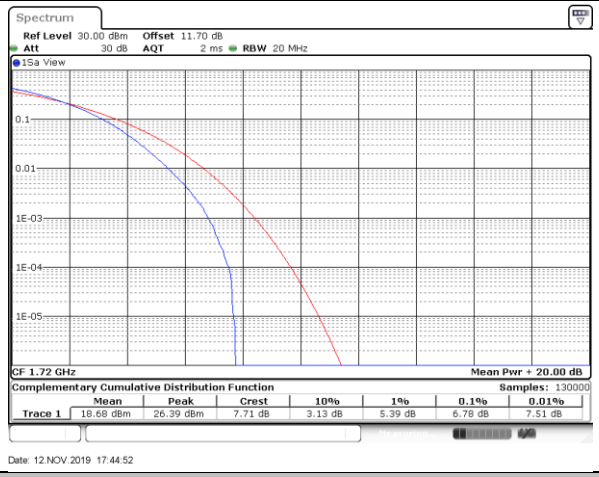
Highest Channel / Full RB

LTE Band 4 / 20MHz / 64QAM

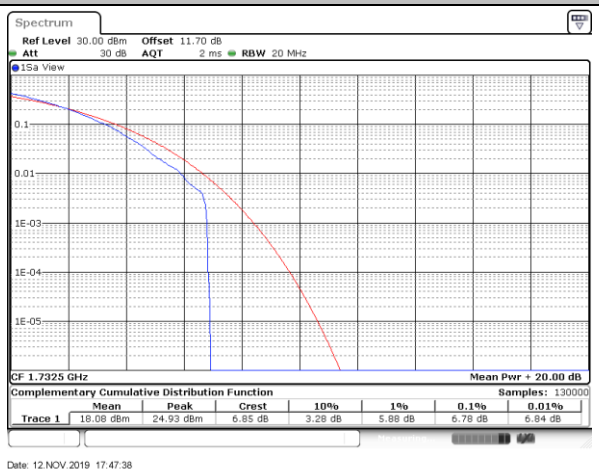
Lowest Channel / 1RB



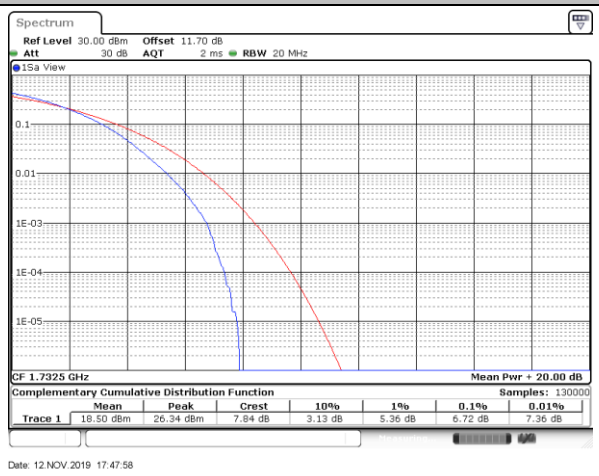
Lowest Channel / Full RB



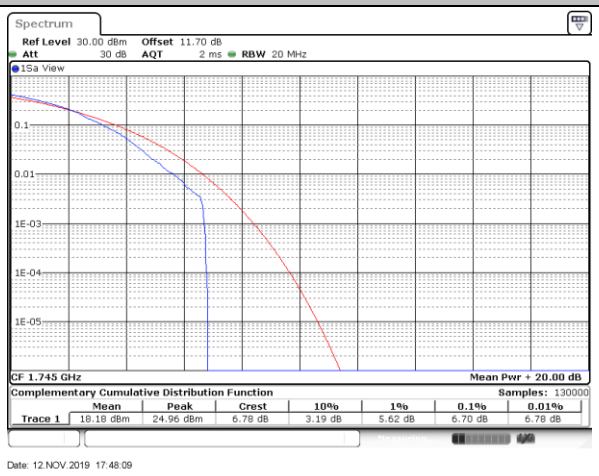
Middle Channel / 1RB



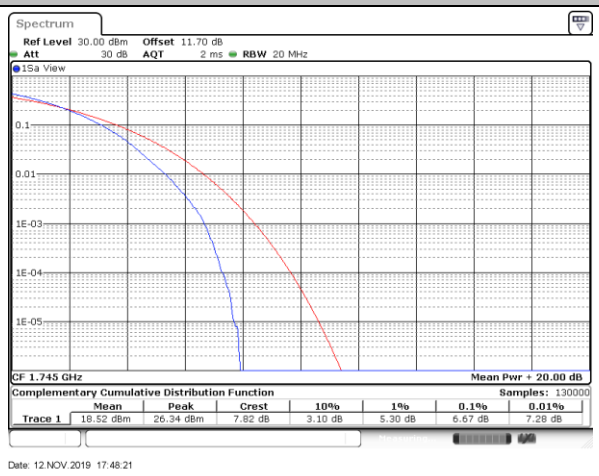
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

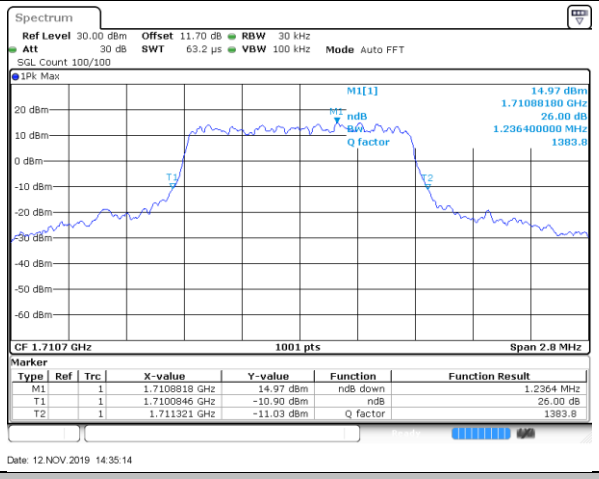


26dB Bandwidth

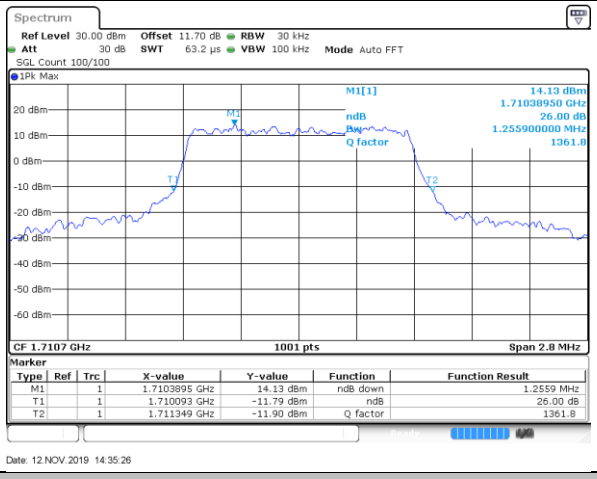
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.26	3.00	3.03	4.87	4.90	9.73	9.73	14.45	14.39	18.94	18.98
Middle CH	1.28	1.26	3.00	3.03	4.89	5.00	9.77	9.73	14.57	14.45	18.94	18.70
Highest CH	1.26	1.24	2.96	3.05	4.96	4.90	9.91	9.85	14.75	14.24	18.98	19.02
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.28	-	3.00	-	4.93	-	9.77	-	14.36	-	18.70	-
Middle CH	1.27	-	3.00	-	5.00	-	9.85	-	14.51	-	18.78	-
Highest CH	1.28	-	3.03	-	4.87	-	9.85	-	14.54	-	19.06	-

LTE Band 4

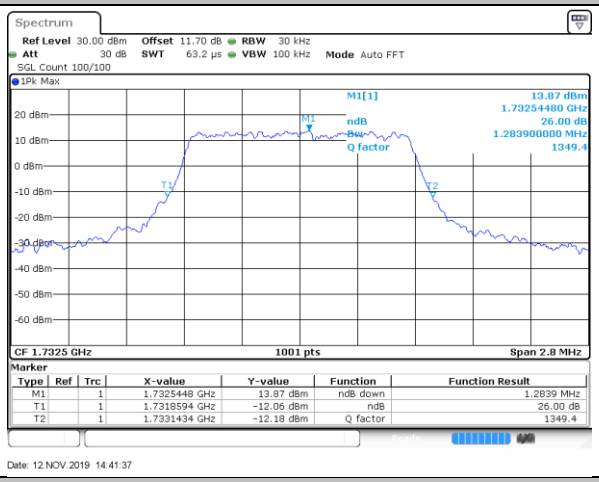
Lowest Channel / 1.4MHz / QPSK



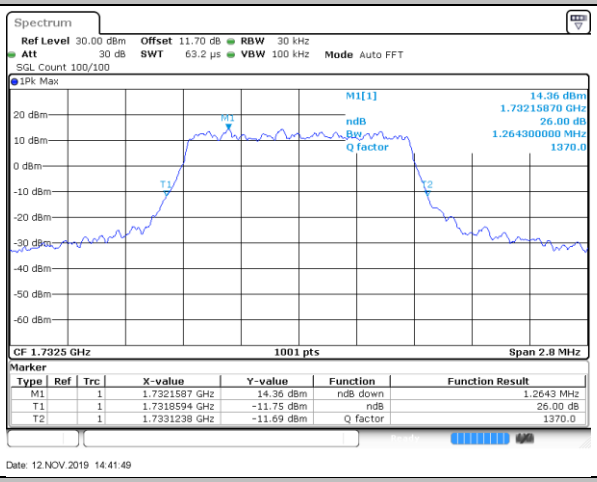
Lowest Channel / 1.4MHz / 16QAM



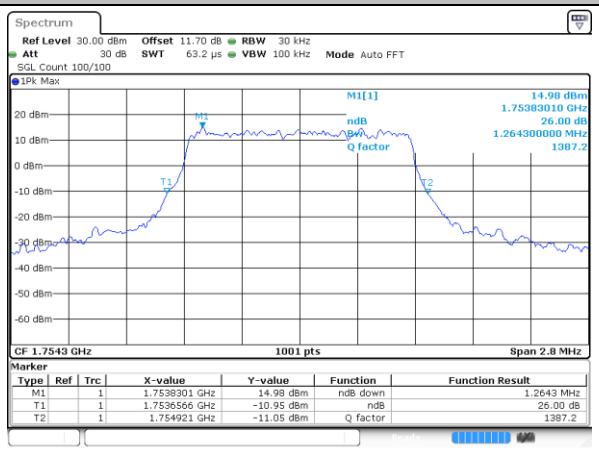
Middle Channel / 1.4MHz / QPSK



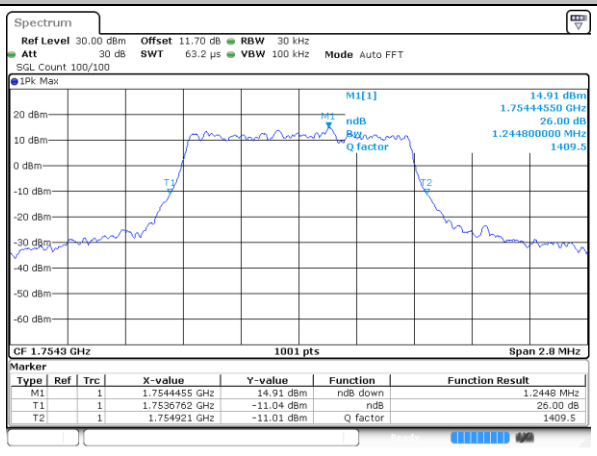
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

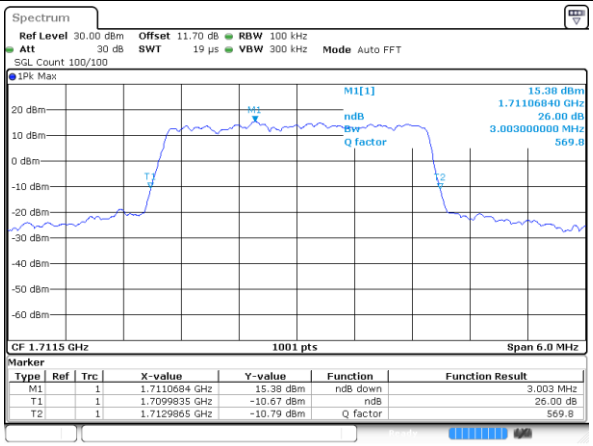


Highest Channel / 1.4MHz / 16QAM

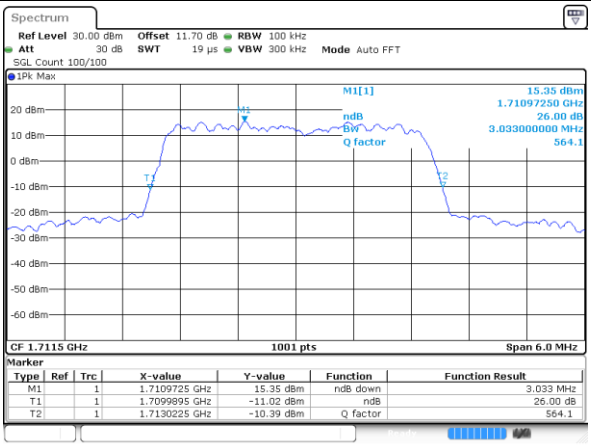


LTE Band 4

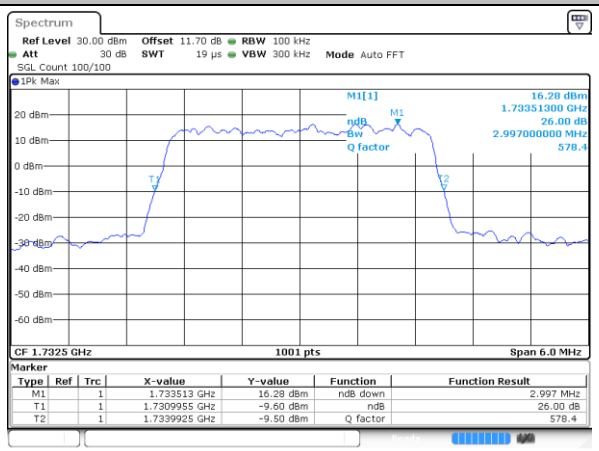
Lowest Channel / 3MHz / QPSK



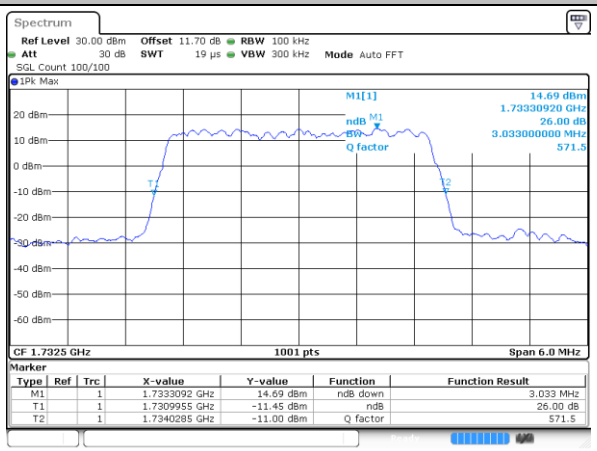
Lowest Channel / 3MHz / 16QAM



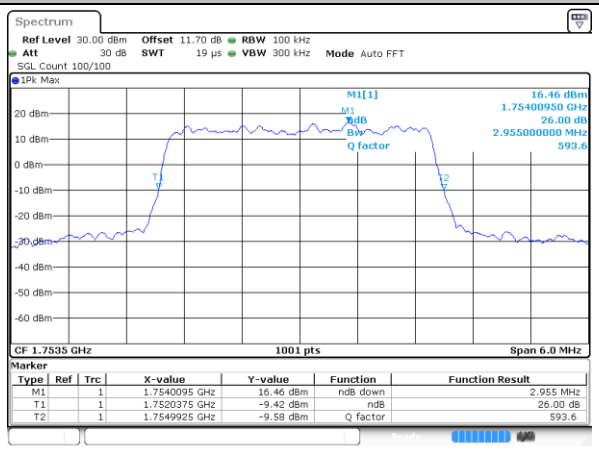
Middle Channel / 3MHz / QPSK



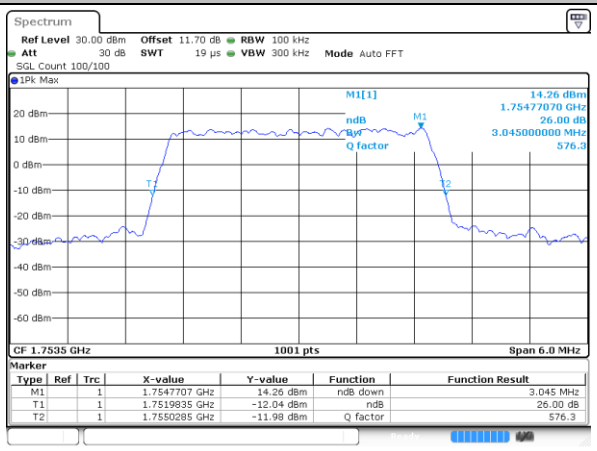
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

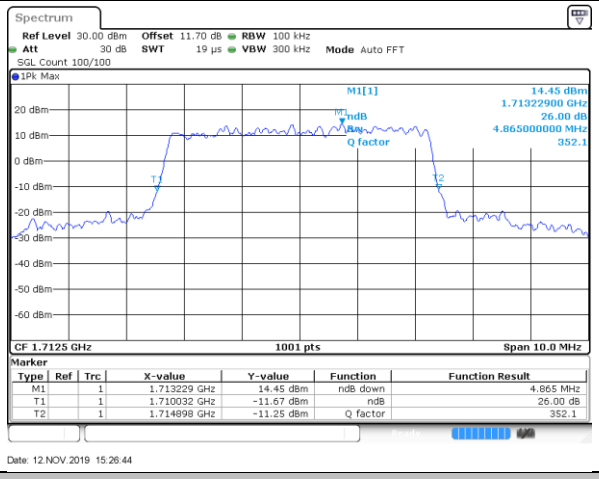


Highest Channel / 3MHz / 16QAM

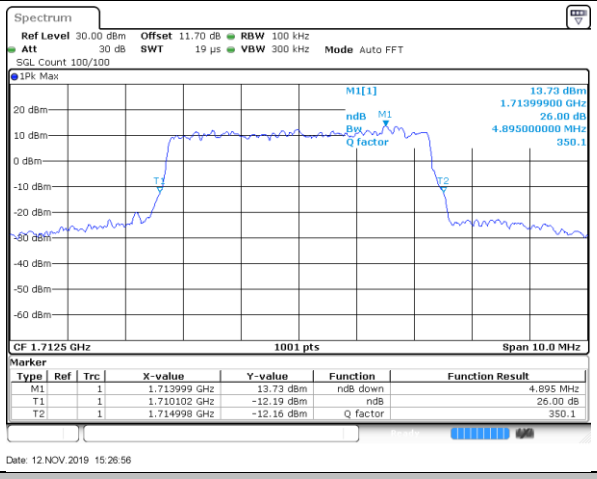


LTE Band 4

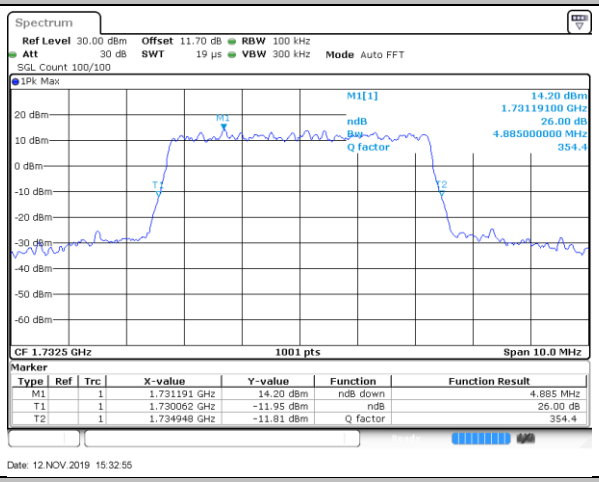
Lowest Channel / 5MHz / QPSK



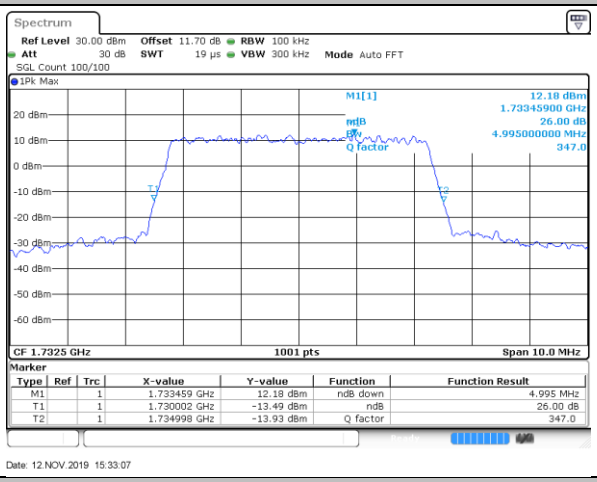
Lowest Channel / 5MHz / 16QAM



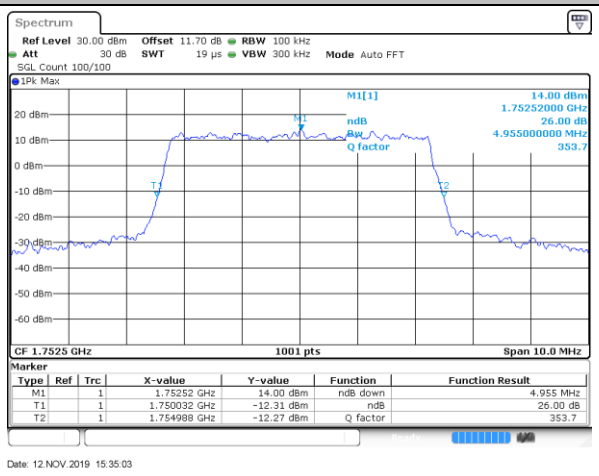
Middle Channel / 5MHz / QPSK



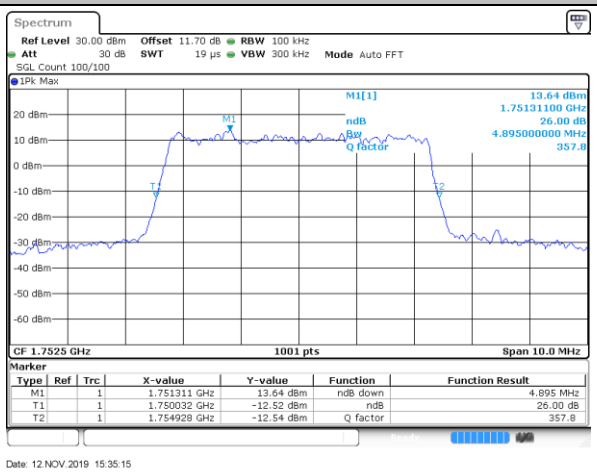
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

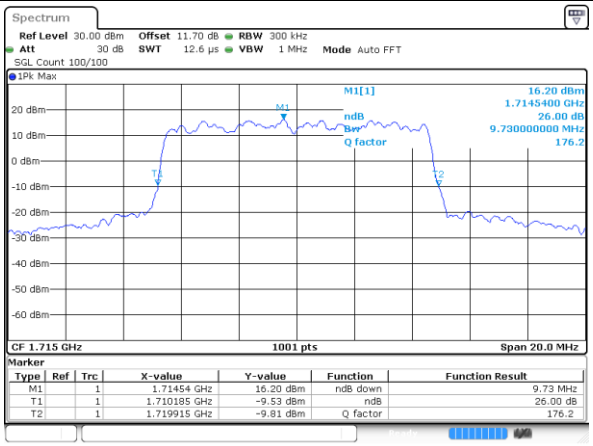


Highest Channel / 5MHz / 16QAM

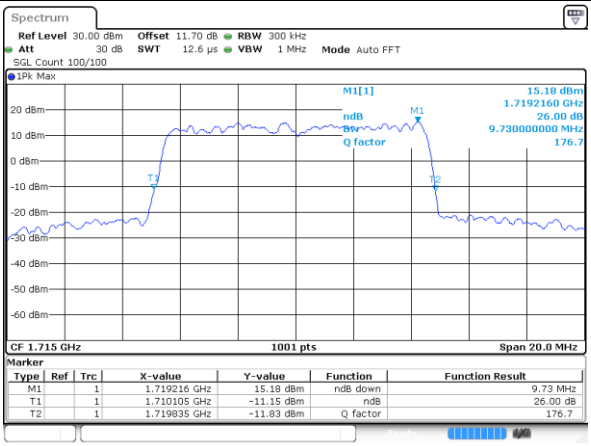


LTE Band 4

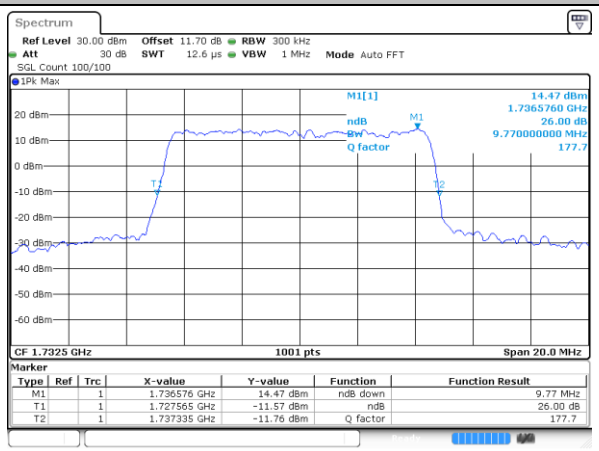
Lowest Channel / 10MHz / QPSK



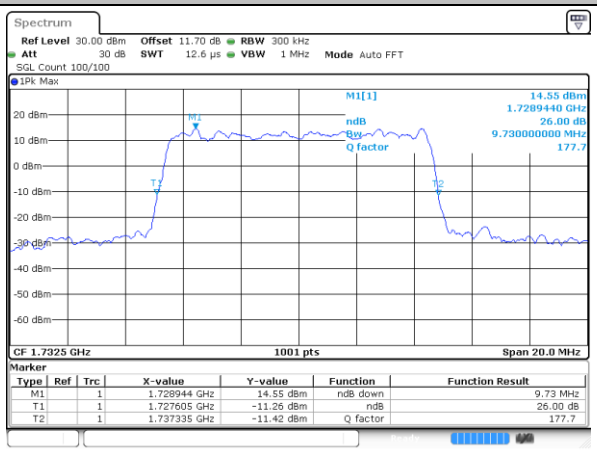
Lowest Channel / 10MHz / 16QAM



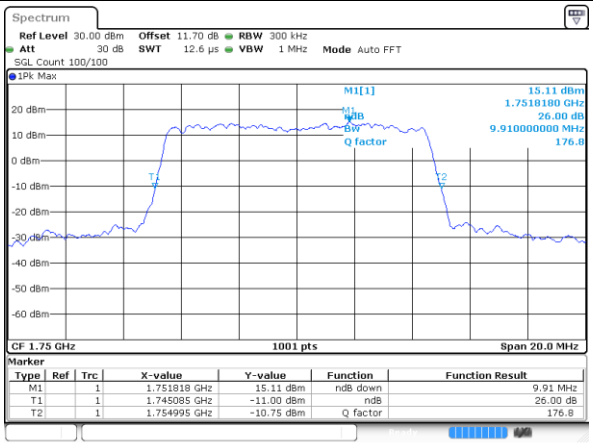
Middle Channel / 10MHz / QPSK



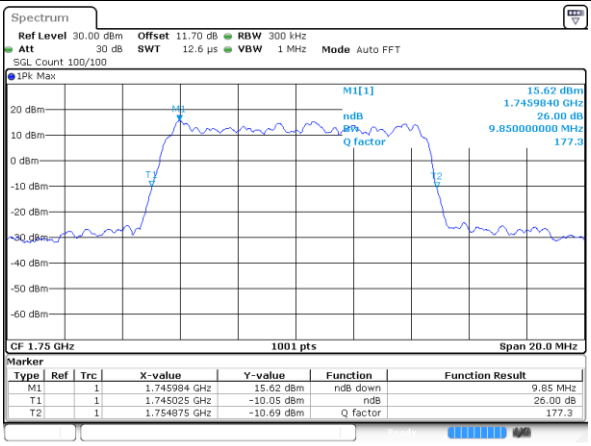
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

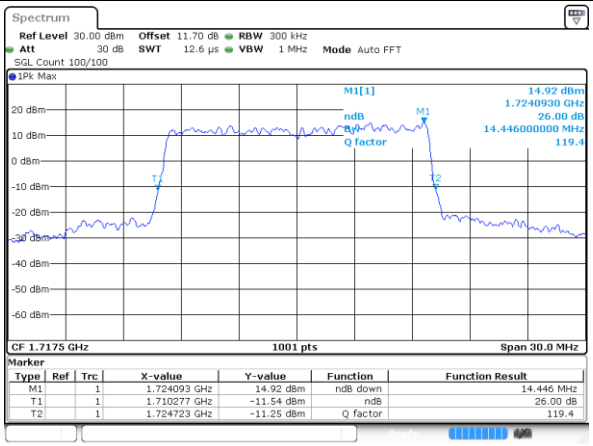


Highest Channel / 10MHz / 16QAM

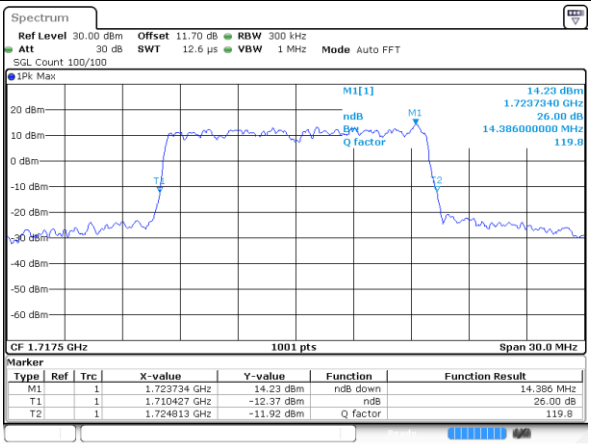


LTE Band 4

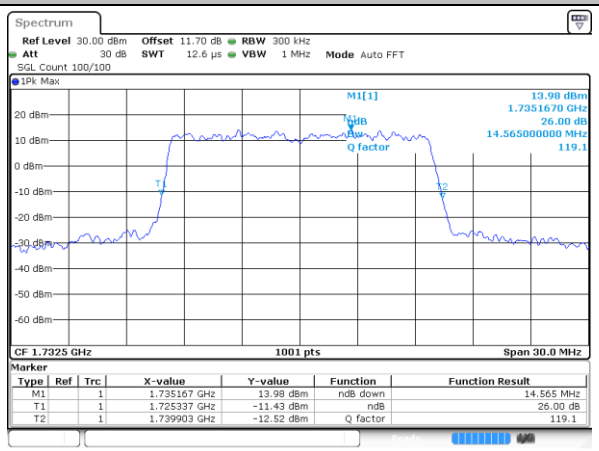
Lowest Channel / 15MHz / QPSK



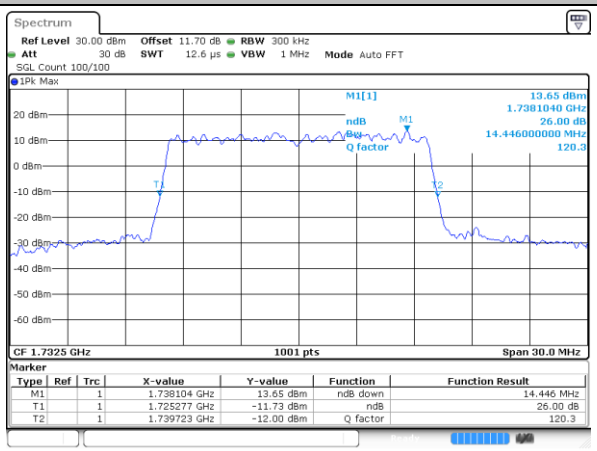
Lowest Channel / 15MHz / 16QAM



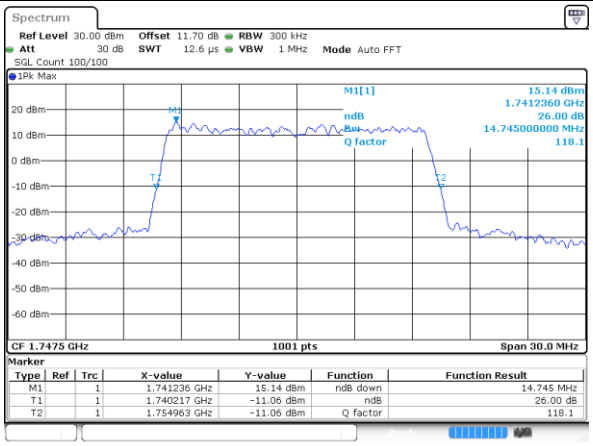
Middle Channel / 15MHz / QPSK



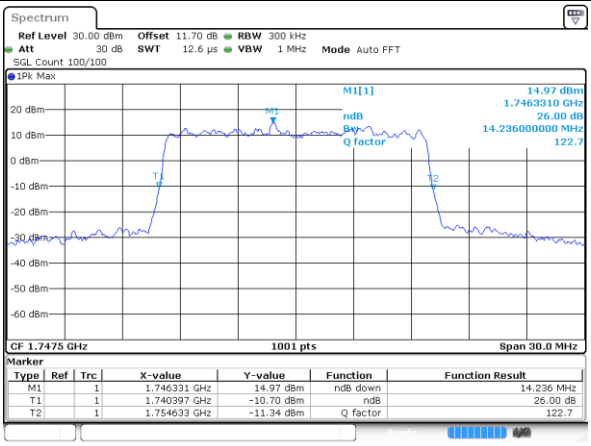
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

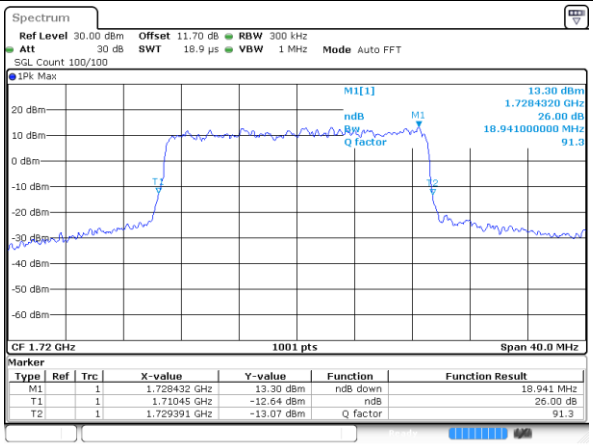


Highest Channel / 15MHz / 16QAM

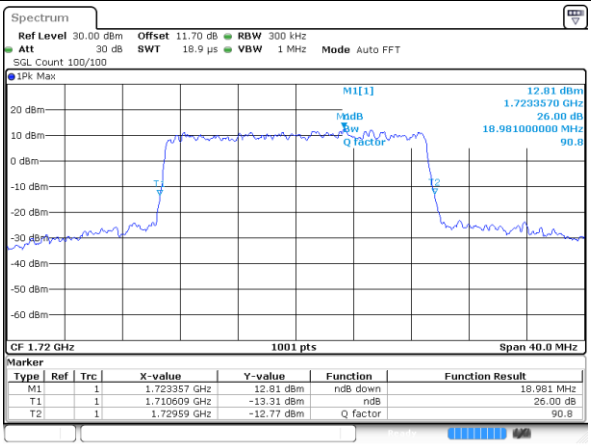


LTE Band 4

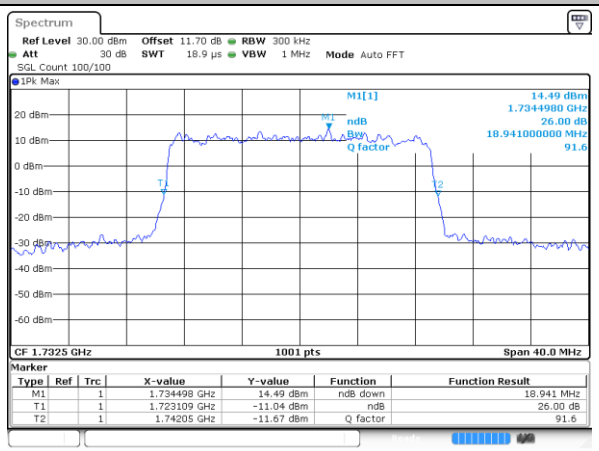
Lowest Channel / 20MHz / QPSK



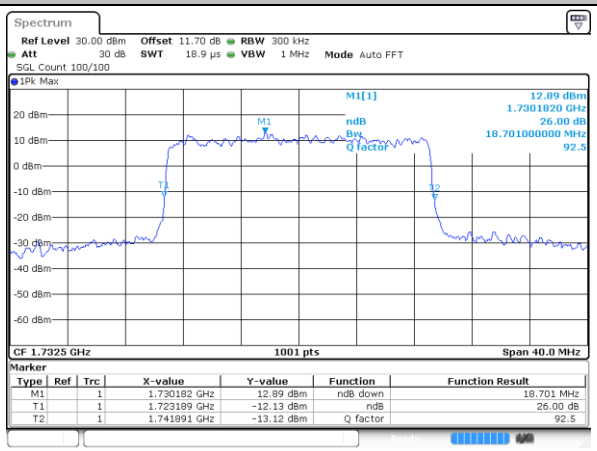
Lowest Channel / 20MHz / 16QAM



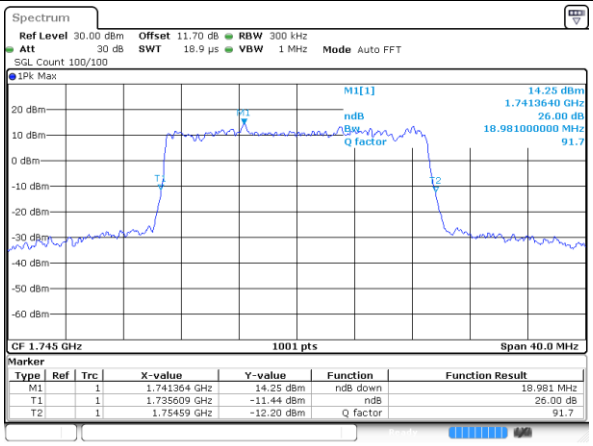
Middle Channel / 20MHz / QPSK



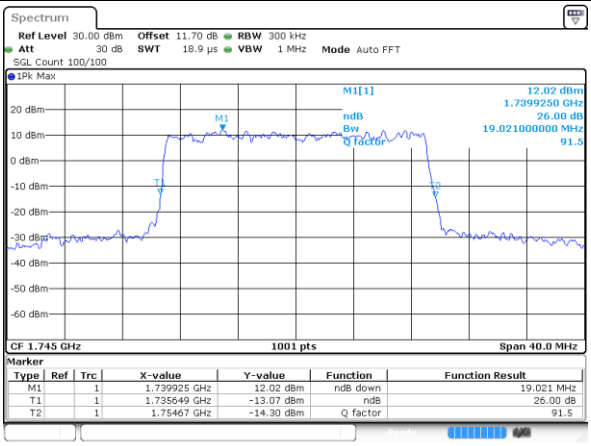
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

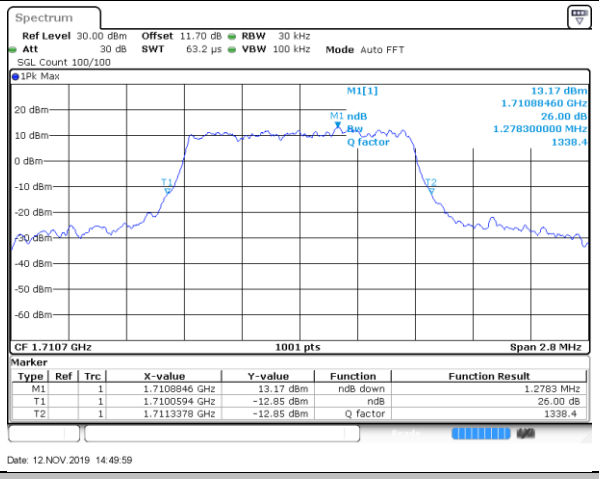


Highest Channel / 20MHz / 16QAM

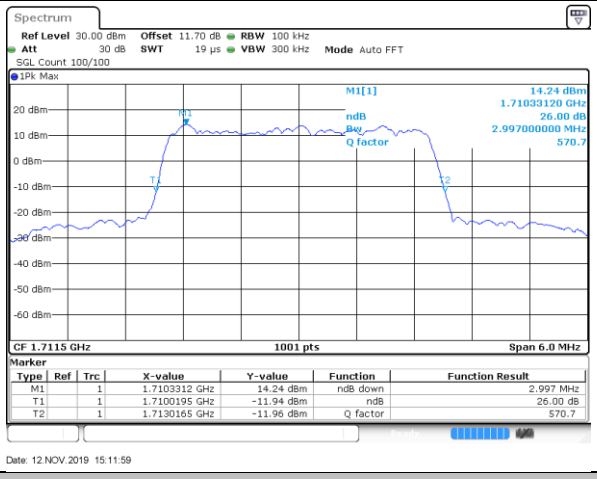


LTE Band 4

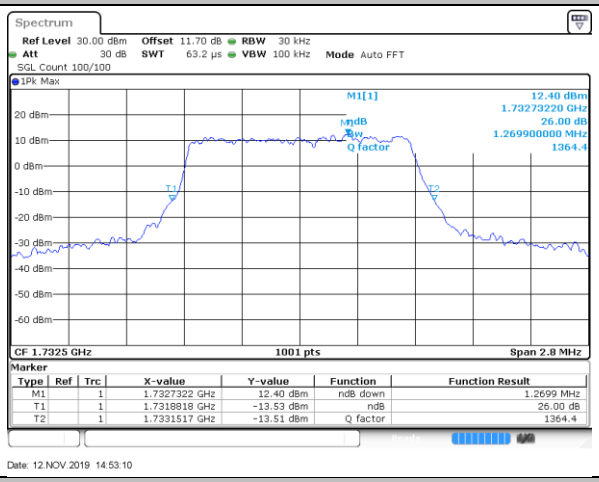
Lowest Channel / 1.4MHz / 64QAM



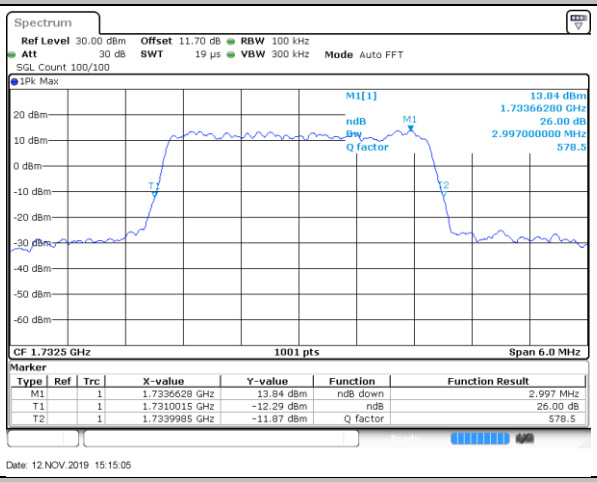
Lowest Channel / 3MHz / 64QAM



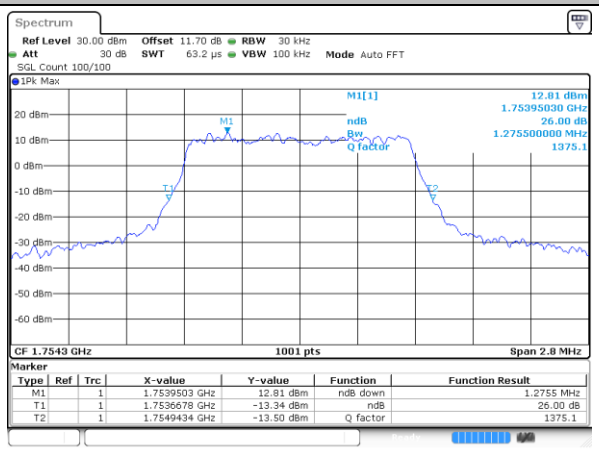
Middle Channel / 1.4MHz / 64QAM



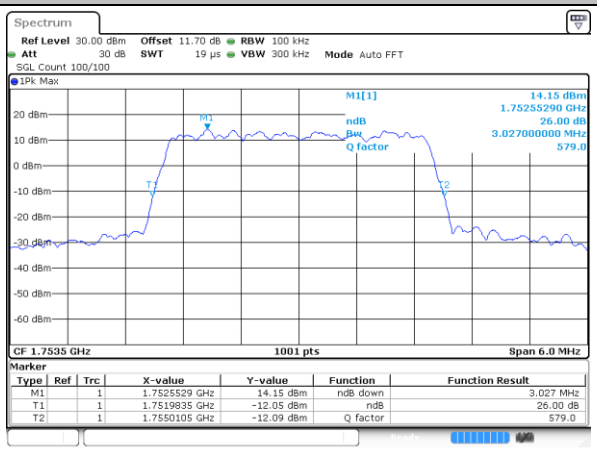
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

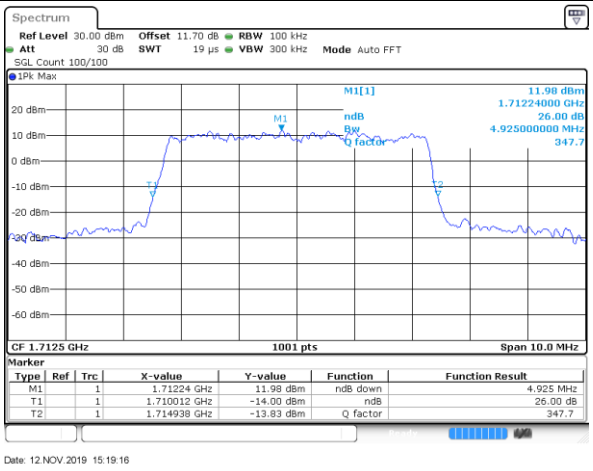


Highest Channel / 3MHz / 64QAM

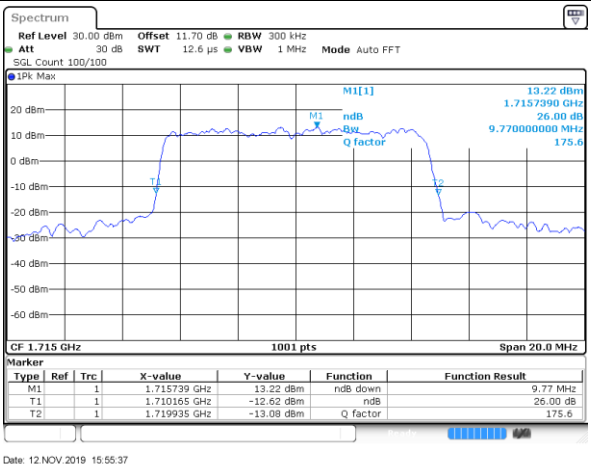


LTE Band 4

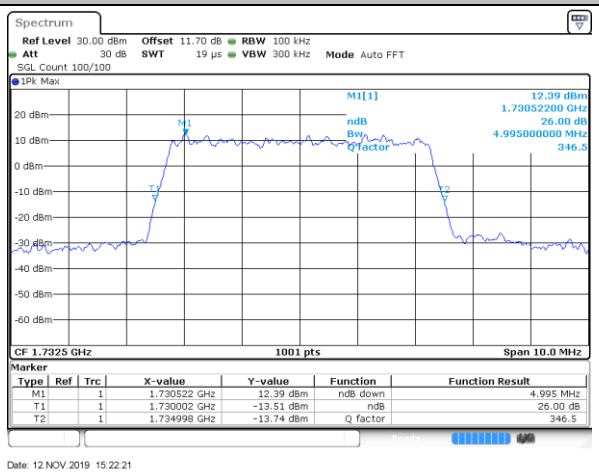
Lowest Channel / 5MHz / 64QAM



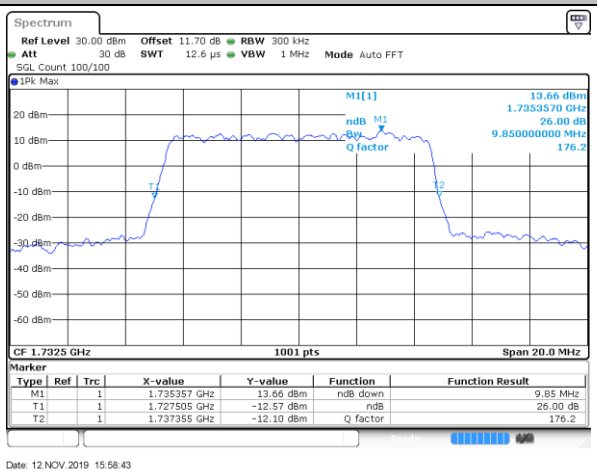
Lowest Channel / 10MHz / 64QAM



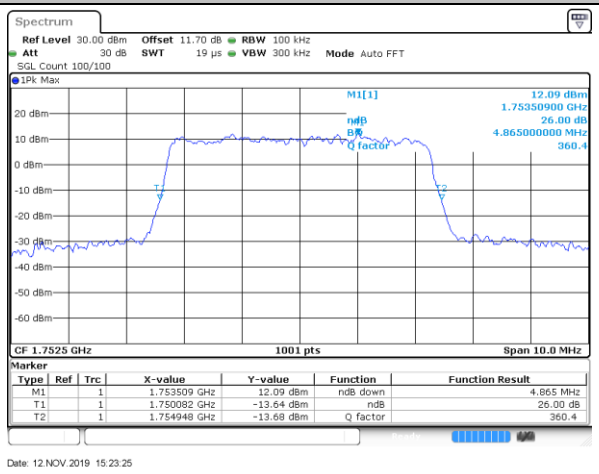
Middle Channel / 5MHz / 64QAM



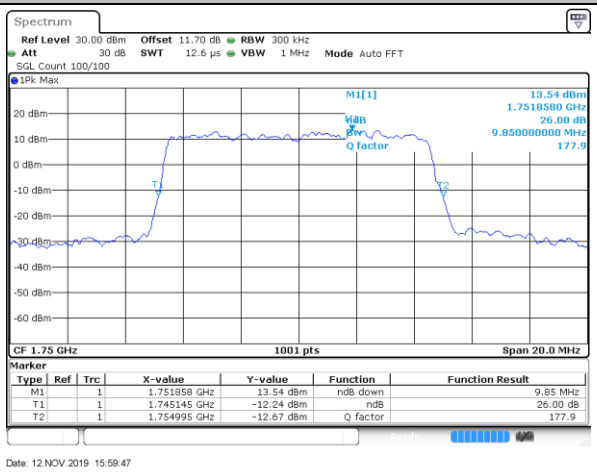
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

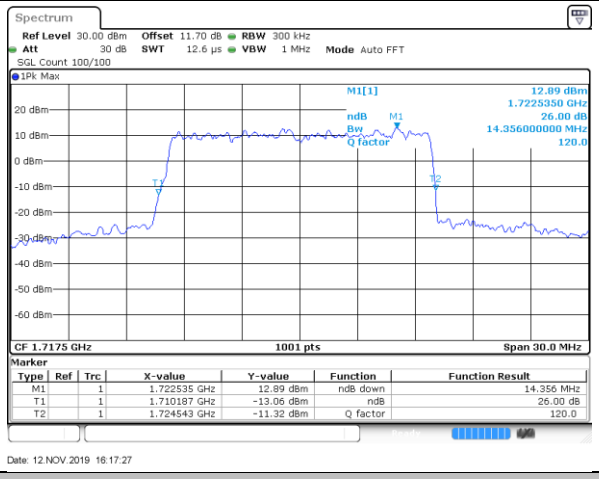


Highest Channel / 10MHz / 64QAM

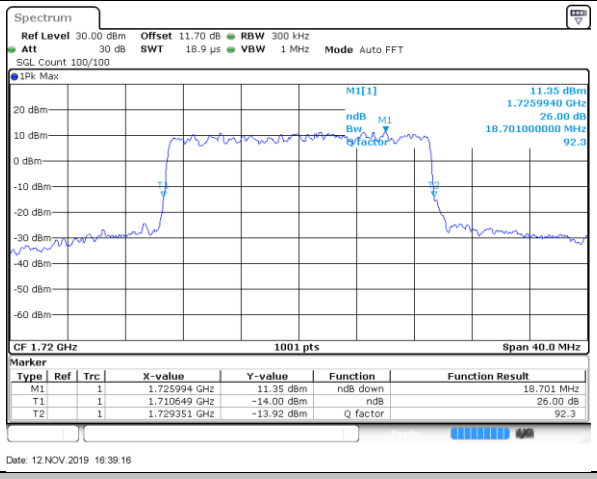


LTE Band 4

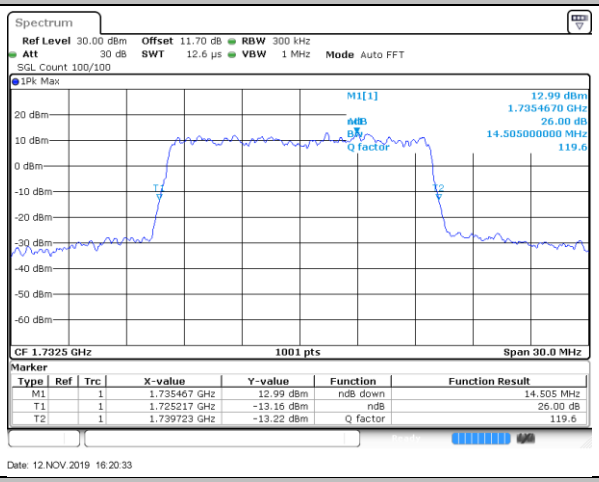
Lowest Channel / 15MHz / 64QAM



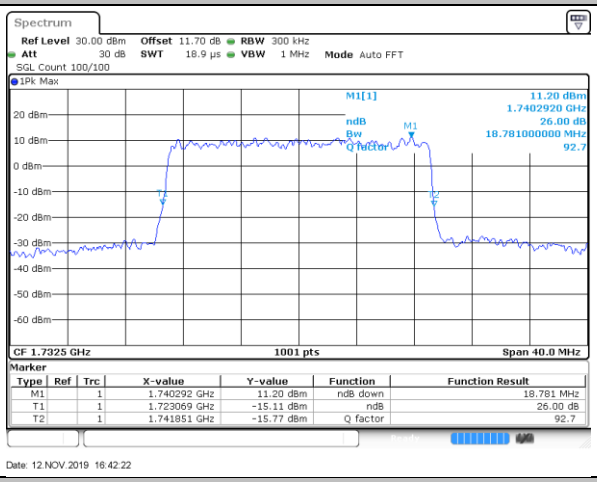
Lowest Channel / 20MHz / 64QAM



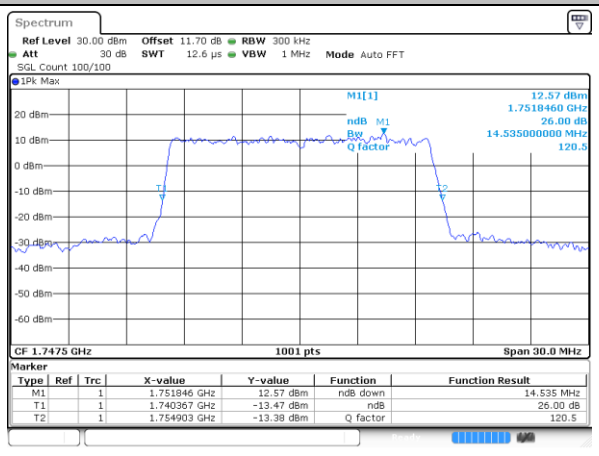
Middle Channel / 15MHz / 64QAM



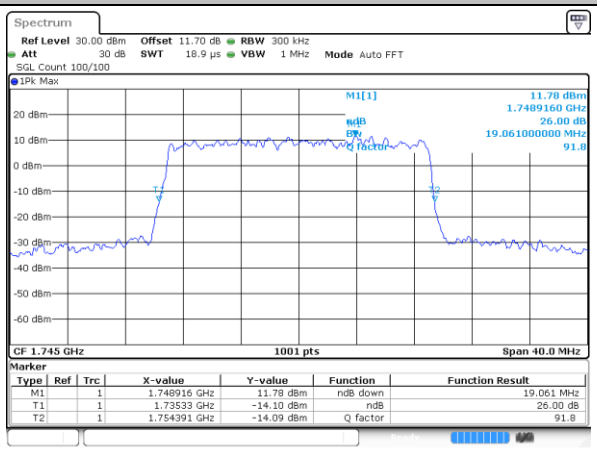
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

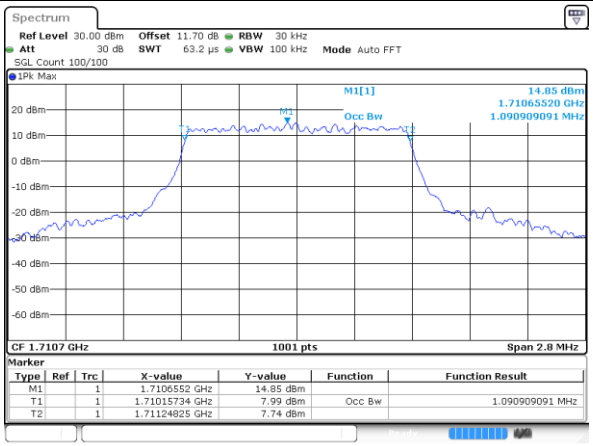


Occupied Bandwidth

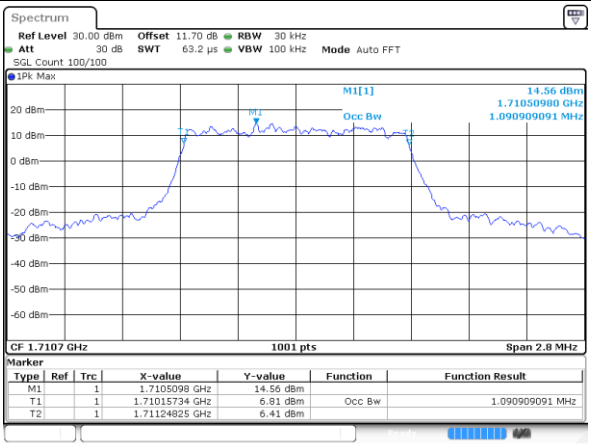
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.71	4.48	4.49	8.95	9.05	13.43	13.46	17.82	17.86
Middle CH	1.09	1.11	2.70	2.70	4.47	4.48	9.05	9.01	13.46	13.49	17.90	17.86
Highest CH	1.10	1.10	2.73	2.72	4.53	4.48	9.01	9.05	13.49	13.40	17.86	17.86
Mode	LTE Band 4 : 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	-	13.43	-	17.94	-
Middle CH	1.09	-	2.72	-	4.52	-	8.99	-	13.43	-	17.90	-
Highest CH	1.09	-	2.72	-	4.50	-	8.99	-	13.46	-	17.94	-

LTE Band 4

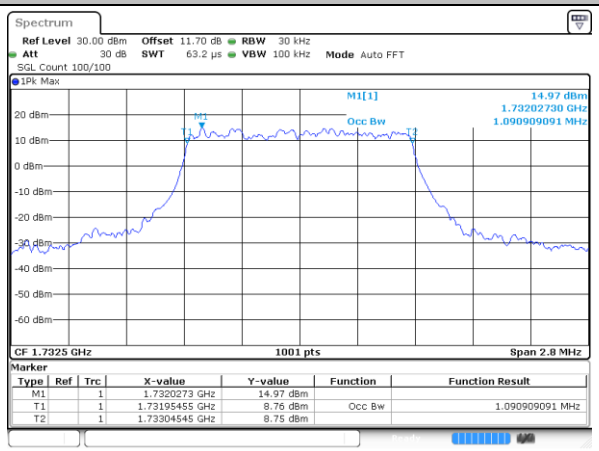
Lowest Channel / 1.4MHz / QPSK



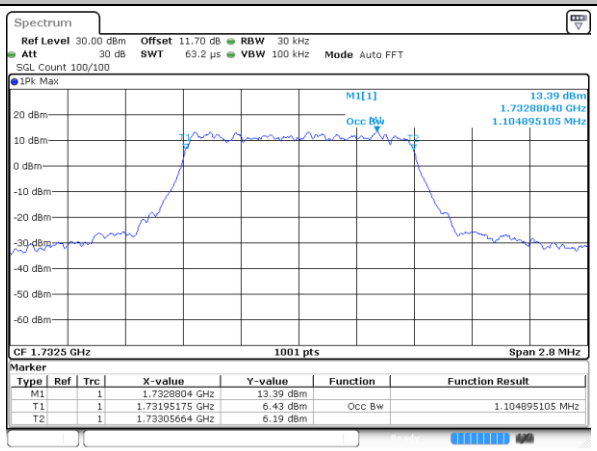
Lowest Channel / 1.4MHz / 16QAM



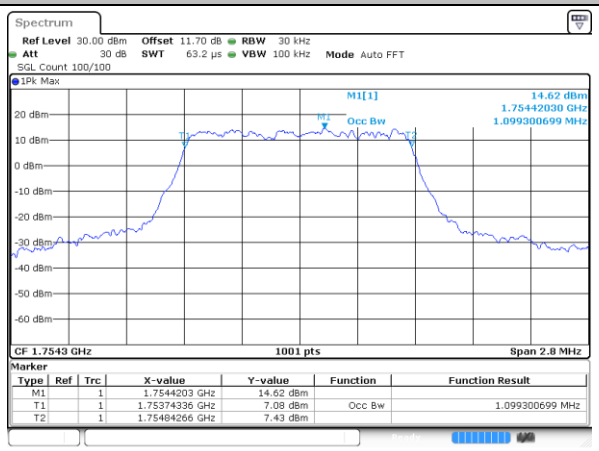
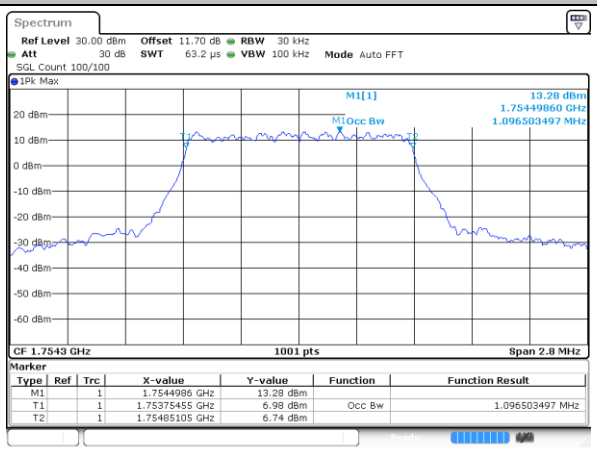
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM