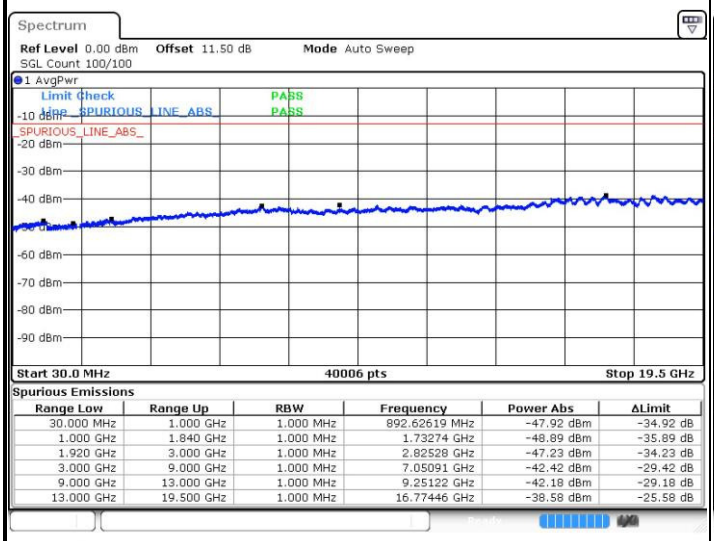
Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

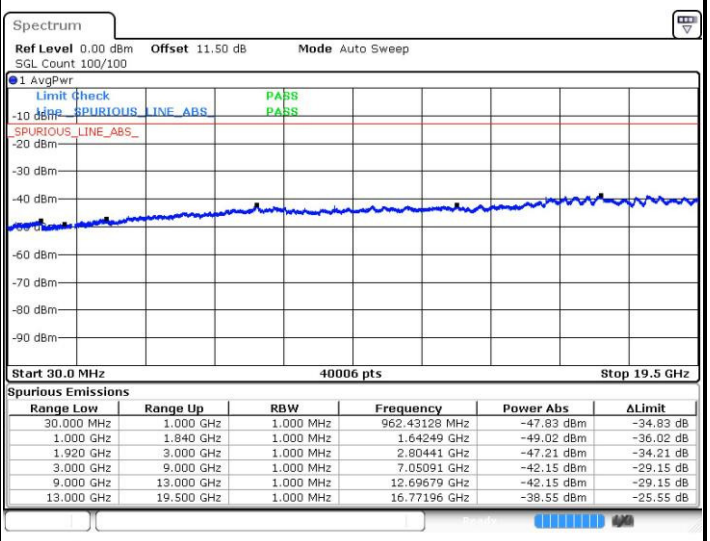


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73274 GHz	-48.89 dBm	-35.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82528 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05091 GHz	-42.42 dBm	-29.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25122 GHz	-42.18 dBm	-29.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77446 GHz	-38.58 dBm	-25.58 dB

Date: 14.APR.2016 09:18:37

Lowest Channel / 16QAM

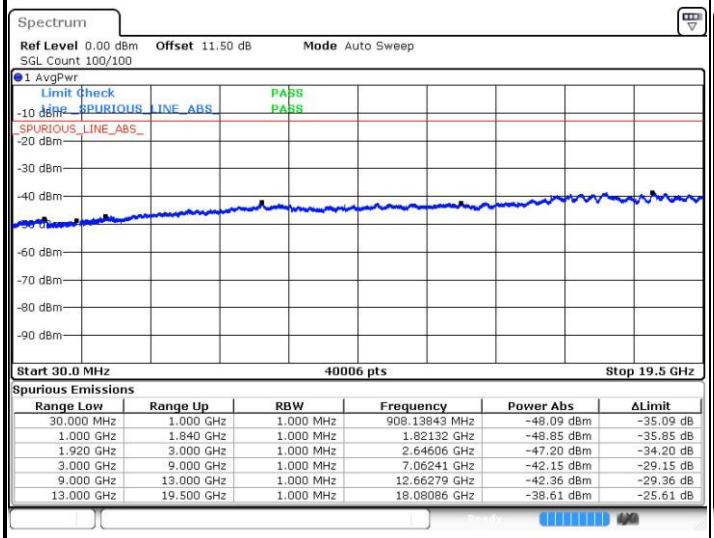


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-47.83 dBm	-34.83 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64249 GHz	-49.02 dBm	-36.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80441 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05091 GHz	-42.15 dBm	-29.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-42.15 dBm	-29.15 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77196 GHz	-38.55 dBm	-25.55 dB

Date: 14.APR.2016 09:19:32

Middle Channel / QPSK

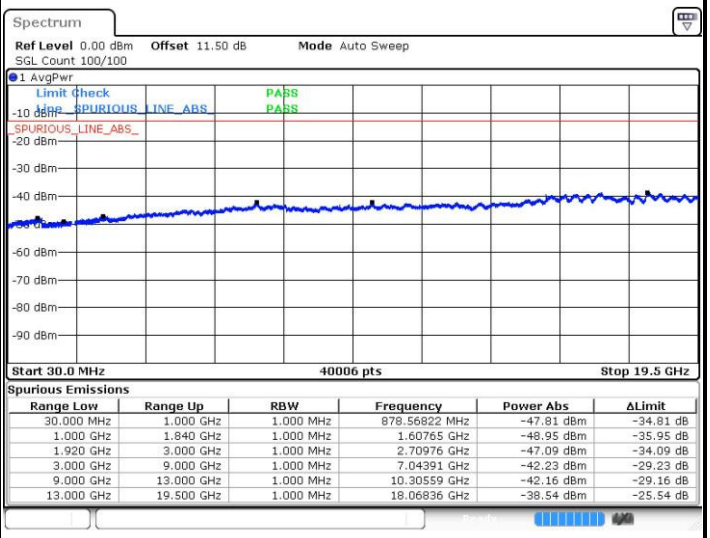


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-48.09 dBm	-35.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82132 GHz	-48.85 dBm	-35.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64606 GHz	-47.20 dBm	-34.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06241 GHz	-42.15 dBm	-29.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66279 GHz	-42.36 dBm	-29.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08086 GHz	-38.61 dBm	-25.61 dB

Date: 14.APR.2016 09:21:09

Middle Channel / 16QAM



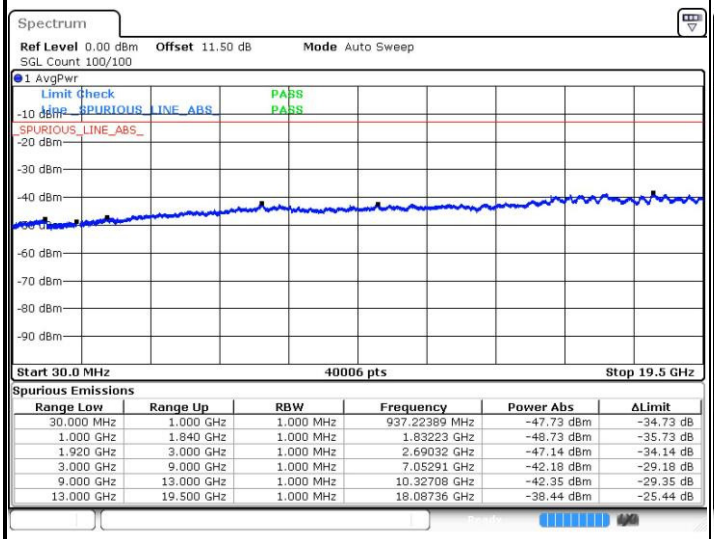
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60765 GHz	-48.95 dBm	-35.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.70976 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04391 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30559 GHz	-42.16 dBm	-29.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06836 GHz	-38.54 dBm	-25.54 dB

Date: 14.APR.2016 09:22:04

LTE Band 2 / 1.4MHz

Highest Channel / QPSK

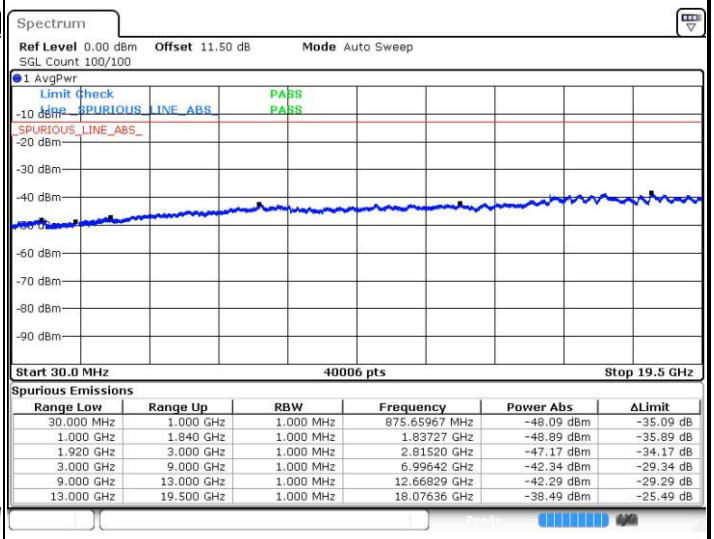


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.22389 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83223 GHz	-48.73 dBm	-35.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69032 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05291 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-42.35 dBm	-29.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08736 GHz	-38.44 dBm	-25.44 dB

Date: 14.APR.2016 09:28:18

Highest Channel / 16QAM



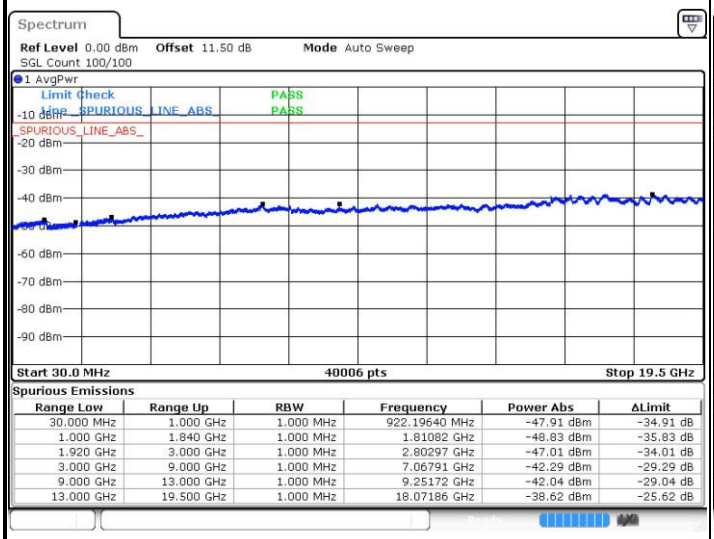
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.65967 MHz	-48.09 dBm	-35.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-48.89 dBm	-35.89 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81520 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99642 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66829 GHz	-42.29 dBm	-29.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07636 GHz	-38.49 dBm	-25.49 dB

Date: 14.APR.2016 09:29:12

LTE Band 2 / 3MHz

Lowest Channel / QPSK

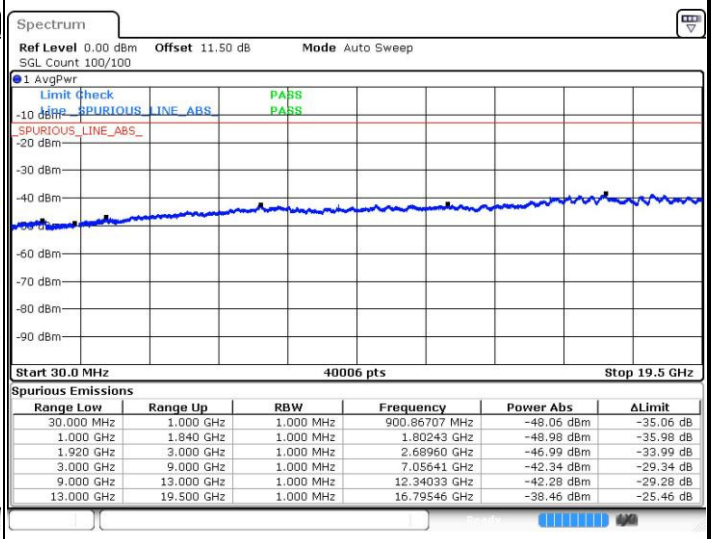


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-47.91 dBm	-34.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81082 GHz	-48.83 dBm	-35.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80297 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06791 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25172 GHz	-42.04 dBm	-29.04 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07186 GHz	-38.62 dBm	-25.62 dB

Date: 14.APR.2016 09:35:26

Lowest Channel / 16QAM



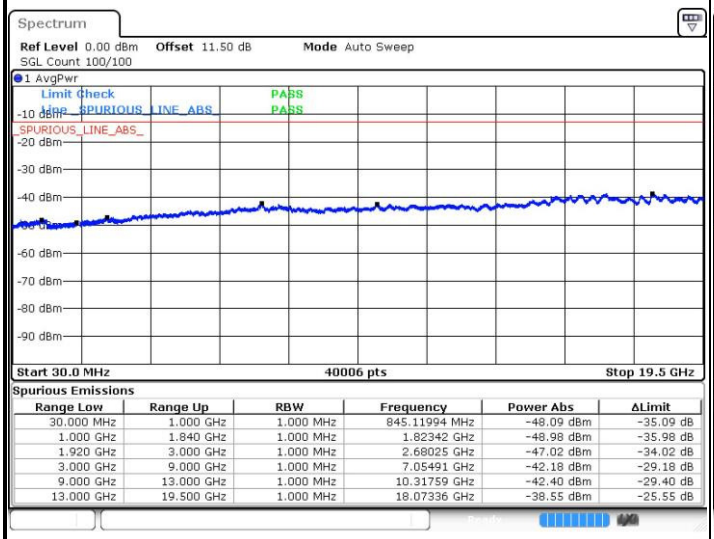
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-48.06 dBm	-35.06 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80243 GHz	-48.98 dBm	-35.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68960 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05641 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34033 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.79546 GHz	-38.46 dBm	-25.46 dB

Date: 14.APR.2016 09:36:21

LTE Band 2 / 3MHz

Middle Channel / QPSK

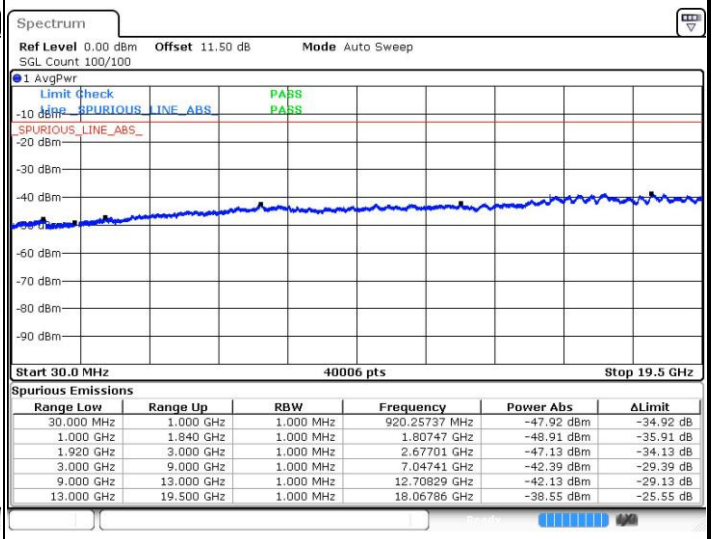


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	845.11994 MHz	-48.09 dBm	-35.09 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-48.98 dBm	-35.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68025 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05491 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31759 GHz	-42.40 dBm	-29.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07336 GHz	-38.55 dBm	-25.55 dB

Date: 14.APR.2016 09:37:58

Middle Channel / 16QAM

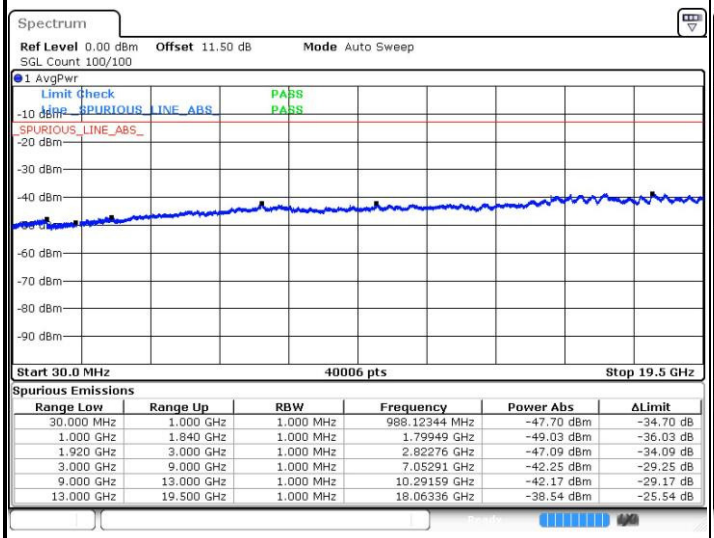


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80747 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67701 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04741 GHz	-42.39 dBm	-29.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-42.13 dBm	-29.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06786 GHz	-38.55 dBm	-25.55 dB

Date: 14.APR.2016 09:38:52

Highest Channel / QPSK

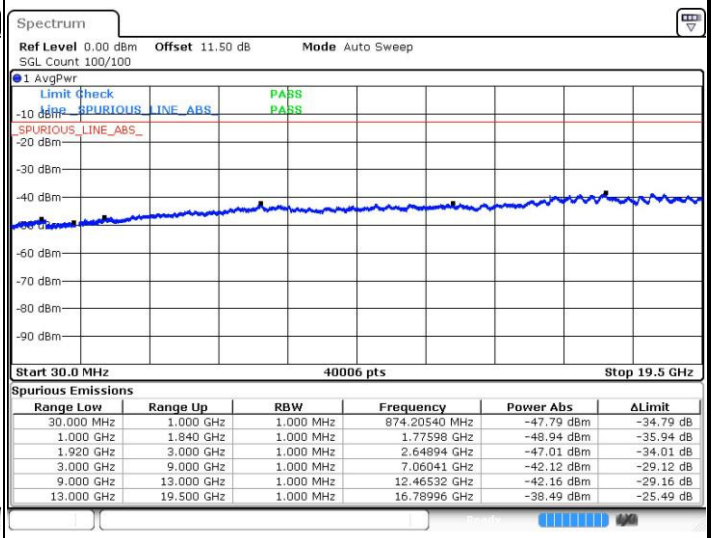


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.70 dBm	-34.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79949 GHz	-49.03 dBm	-36.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82276 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05291 GHz	-42.25 dBm	-29.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29159 GHz	-42.17 dBm	-29.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06336 GHz	-38.54 dBm	-25.54 dB

Date: 14.APR.2016 09:45:06

Highest Channel / 16QAM



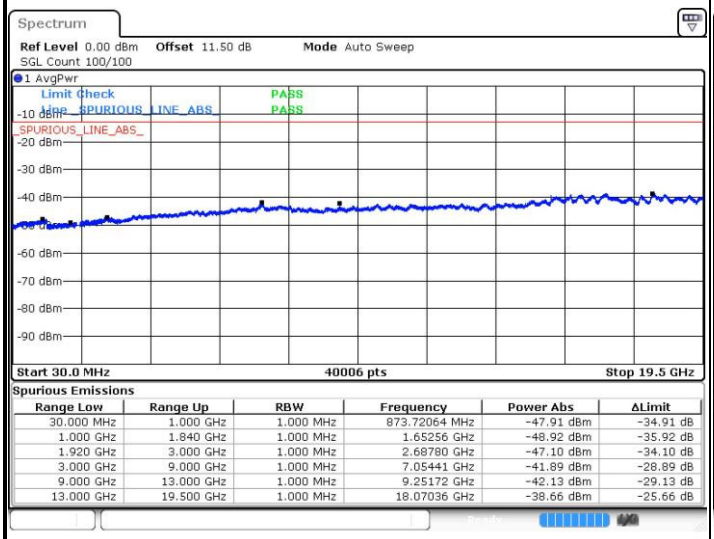
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-47.79 dBm	-34.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77598 GHz	-48.94 dBm	-35.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64894 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06041 GHz	-42.12 dBm	-29.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.46532 GHz	-42.16 dBm	-29.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78996 GHz	-38.49 dBm	-25.49 dB

Date: 14.APR.2016 09:46:01

LTE Band 2 / 5MHz

Lowest Channel / QPSK

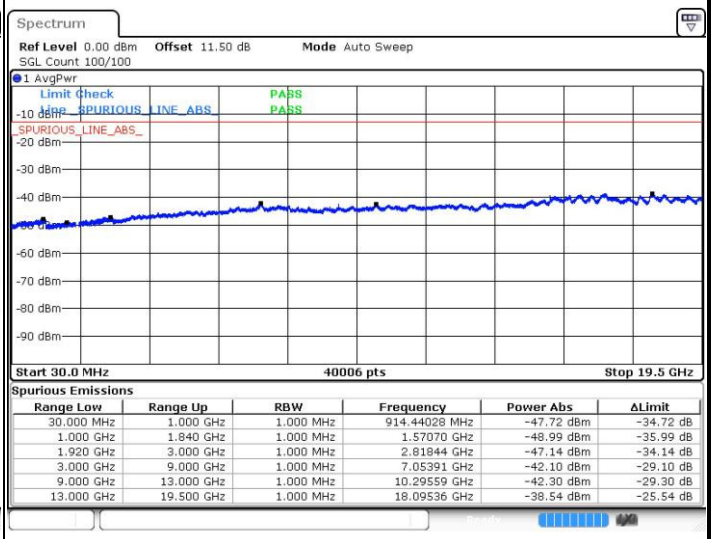


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-47.91 dBm	-34.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65256 GHz	-48.92 dBm	-35.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68780 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05441 GHz	-41.89 dBm	-28.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25172 GHz	-42.13 dBm	-29.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07036 GHz	-38.66 dBm	-25.66 dB

Date: 14.APR.2016 09:52:15

Lowest Channel / 16QAM

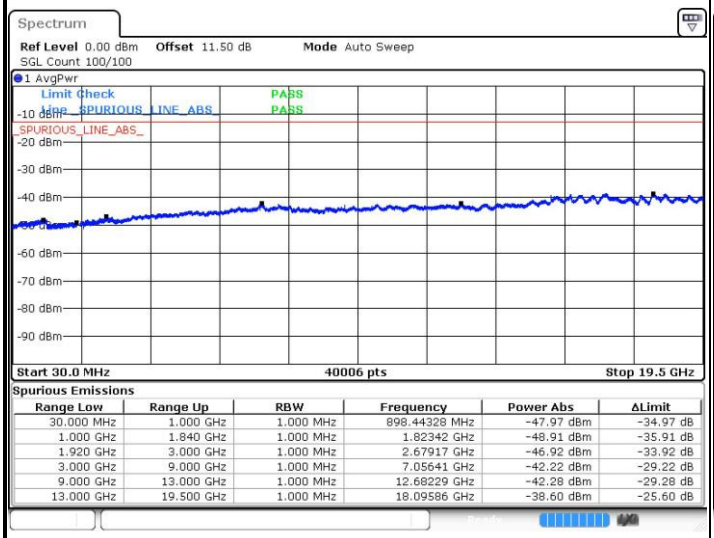


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.57070 GHz	-48.99 dBm	-35.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81844 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05391 GHz	-42.10 dBm	-29.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29559 GHz	-42.30 dBm	-29.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09536 GHz	-38.54 dBm	-25.54 dB

Date: 14.APR.2016 09:53:09

Middle Channel / QPSK

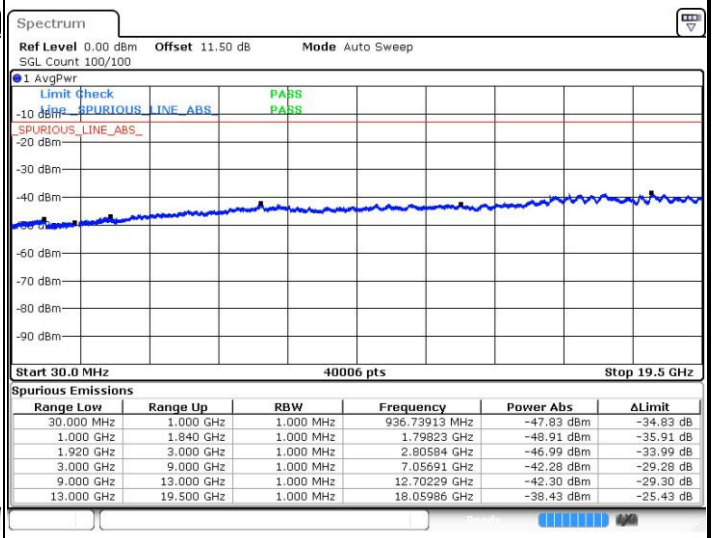


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-47.97 dBm	-34.97 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67917 GHz	-46.92 dBm	-33.92 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05641 GHz	-42.22 dBm	-29.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09586 GHz	-38.60 dBm	-25.60 dB

Date: 14.APR.2016 09:54:46

Middle Channel / 16QAM



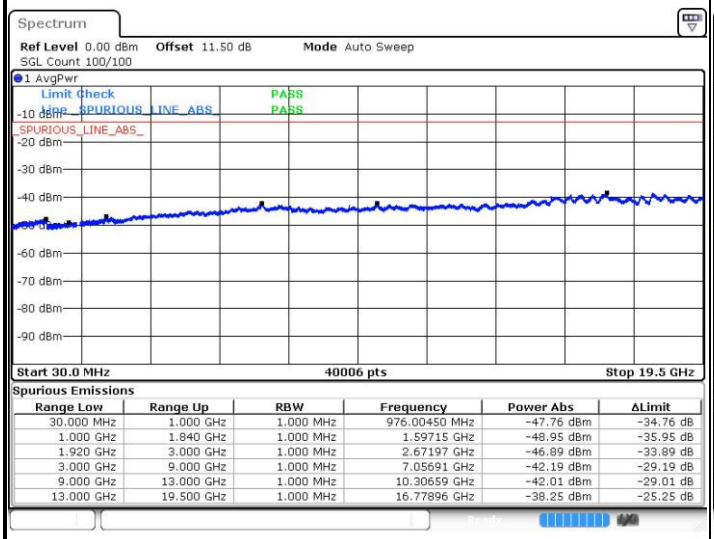
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-47.83 dBm	-34.83 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79823 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.80584 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05691 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70229 GHz	-42.30 dBm	-29.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.05986 GHz	-38.43 dBm	-25.43 dB

Date: 14.APR.2016 09:55:41

LTE Band 2 / 5MHz

Highest Channel / QPSK

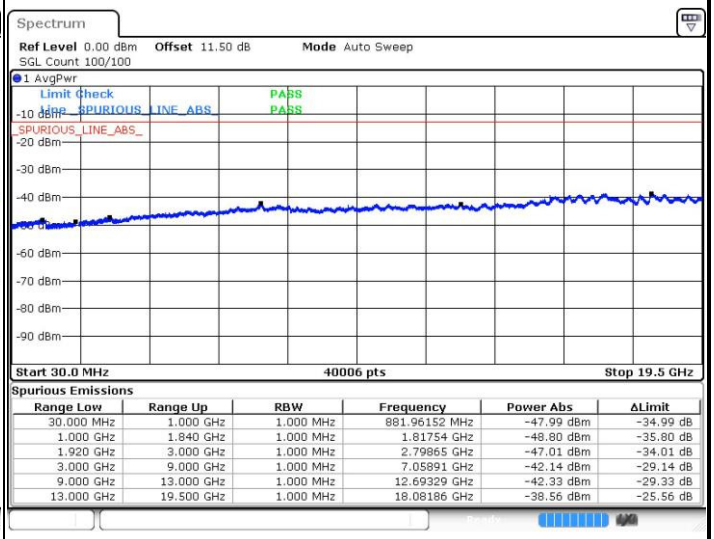


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-47.76 dBm	-34.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59715 GHz	-48.95 dBm	-35.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67197 GHz	-46.89 dBm	-33.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05691 GHz	-42.19 dBm	-29.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77896 GHz	-38.25 dBm	-25.25 dB

Date: 14.APR.2016 10:01:55

Highest Channel / 16QAM



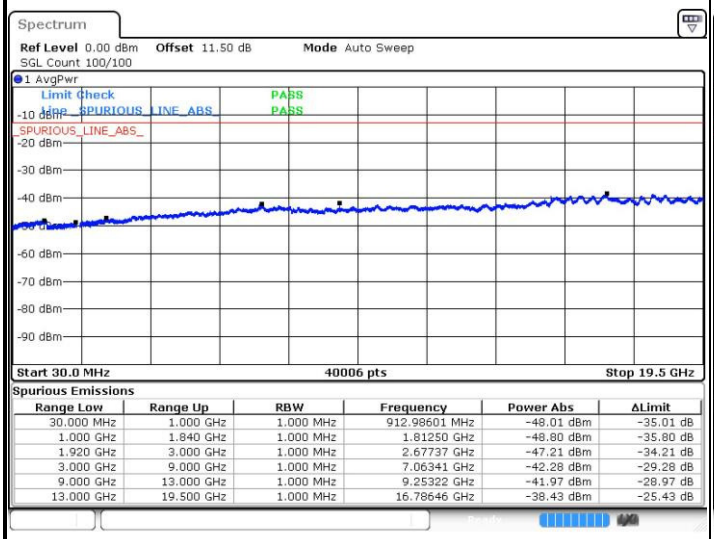
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.96152 MHz	-47.99 dBm	-34.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81754 GHz	-48.80 dBm	-35.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.79865 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05891 GHz	-42.14 dBm	-29.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69329 GHz	-42.33 dBm	-29.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08186 GHz	-38.56 dBm	-25.56 dB

Date: 14.APR.2016 10:02:50

LTE Band 2 / 10MHz

Lowest Channel / QPSK

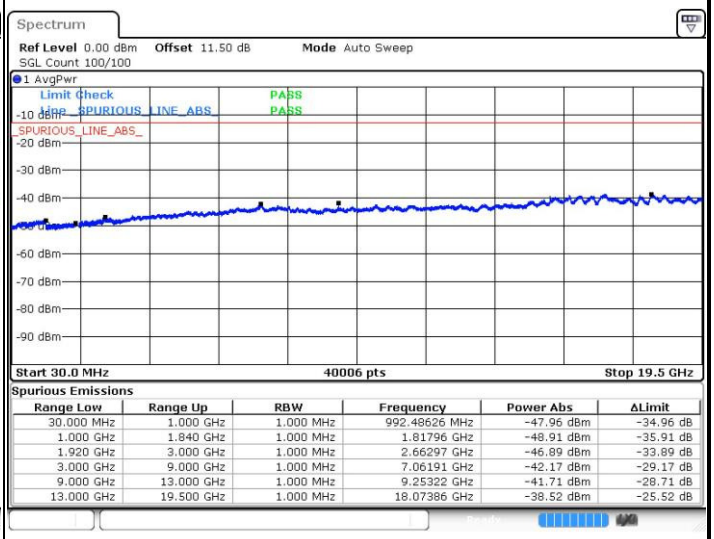


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-48.01 dBm	-35.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-48.80 dBm	-35.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67737 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06341 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25322 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78646 GHz	-38.43 dBm	-25.43 dB

Date: 14.APR.2016 10:09:04

Lowest Channel / 16QAM



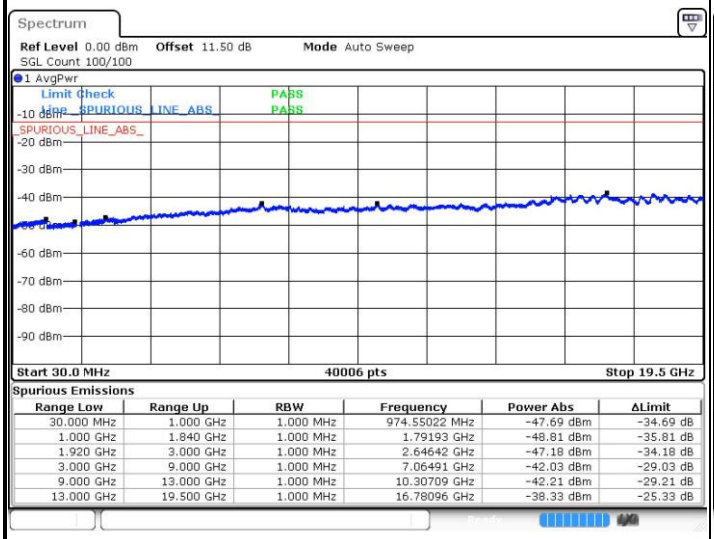
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.96 dBm	-34.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66297 GHz	-46.89 dBm	-33.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06191 GHz	-42.17 dBm	-29.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25322 GHz	-41.71 dBm	-28.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07386 GHz	-38.52 dBm	-25.52 dB

Date: 14.APR.2016 10:09:59

LTE Band 2 / 10MHz

Middle Channel / QPSK

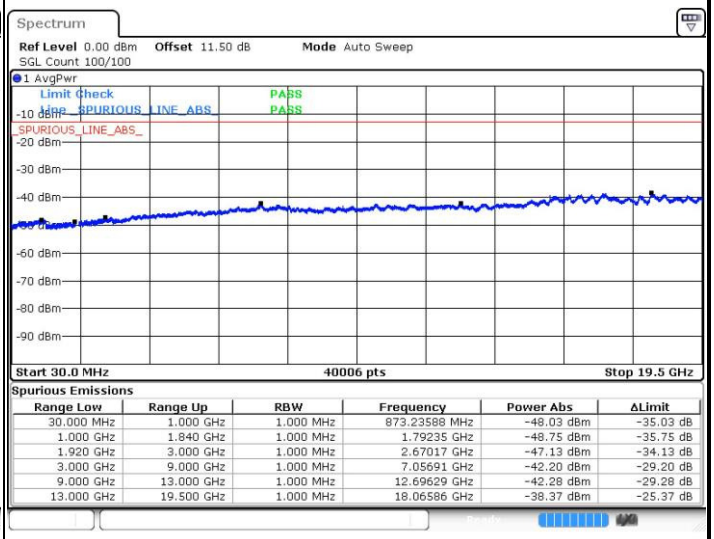


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-47.69 dBm	-34.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79193 GHz	-48.81 dBm	-35.81 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64642 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06491 GHz	-42.03 dBm	-29.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30709 GHz	-42.21 dBm	-29.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78096 GHz	-38.33 dBm	-25.33 dB

Date: 14.APR.2016 10:11:36

Middle Channel / 16QAM

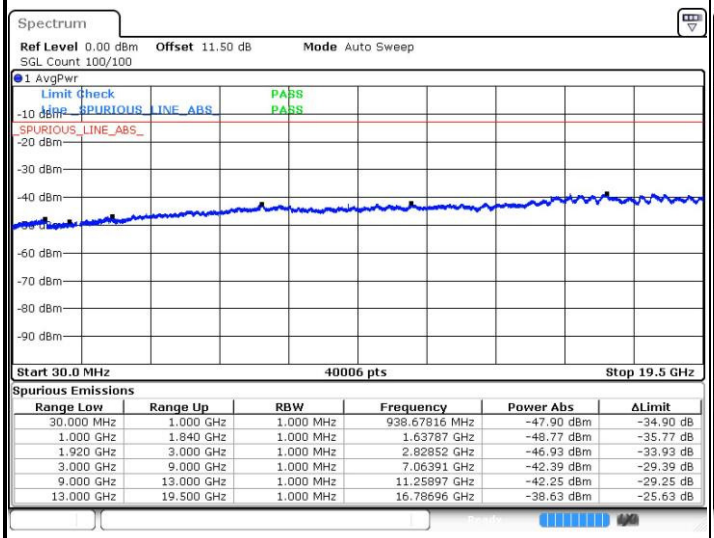


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-48.03 dBm	-35.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79235 GHz	-48.75 dBm	-35.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67017 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05691 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69629 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06586 GHz	-38.37 dBm	-25.37 dB

Date: 14.APR.2016 10:12:30

Highest Channel / QPSK

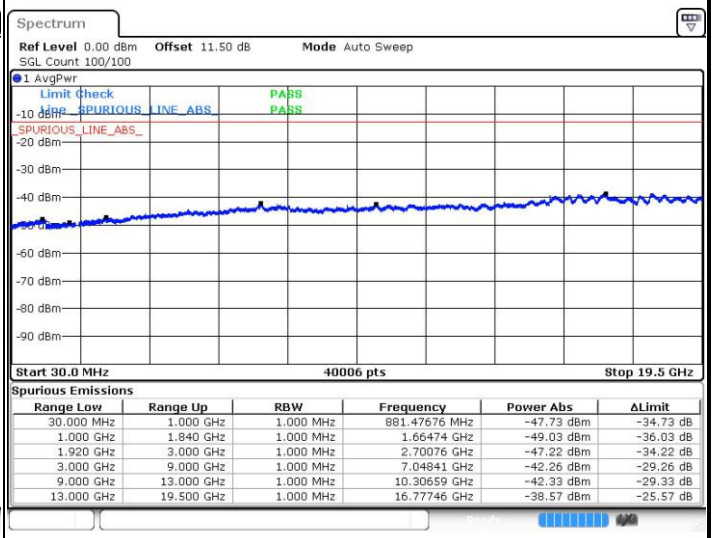


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-47.90 dBm	-34.90 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.63787 GHz	-48.77 dBm	-35.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82852 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06391 GHz	-42.39 dBm	-29.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25897 GHz	-42.25 dBm	-29.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78696 GHz	-38.63 dBm	-25.63 dB

Date: 14.APR.2016 10:18:44

Highest Channel / 16QAM



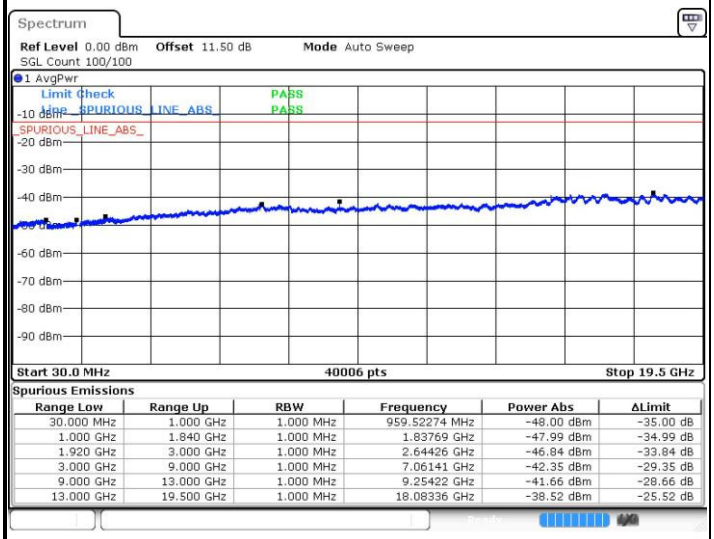
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66474 GHz	-49.03 dBm	-36.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.70076 GHz	-47.22 dBm	-34.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04841 GHz	-42.26 dBm	-29.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30659 GHz	-42.33 dBm	-29.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77746 GHz	-38.57 dBm	-25.57 dB

Date: 14.APR.2016 10:19:39

LTE Band 2 / 15MHz

Lowest Channel / QPSK

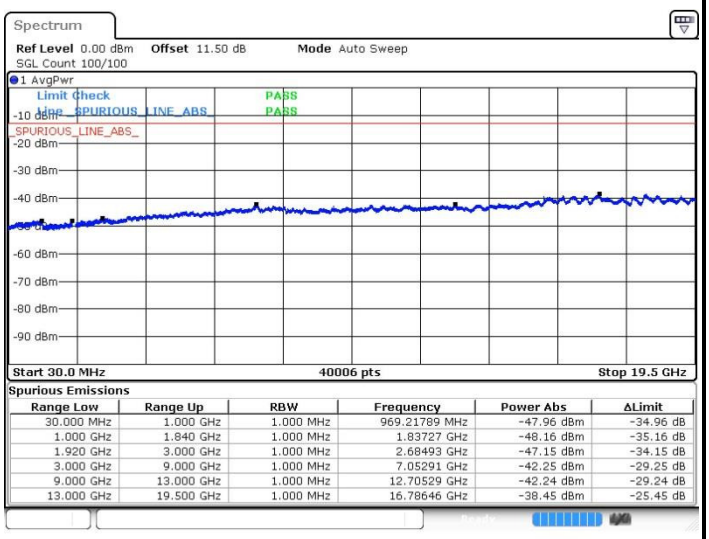


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-48.00 dBm	-35.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-47.99 dBm	-34.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64426 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06141 GHz	-42.35 dBm	-29.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	9.25422 GHz	-41.66 dBm	-28.66 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08336 GHz	-38.52 dBm	-25.52 dB

Date: 14.APR.2016 10:25:53

Lowest Channel / 16QAM

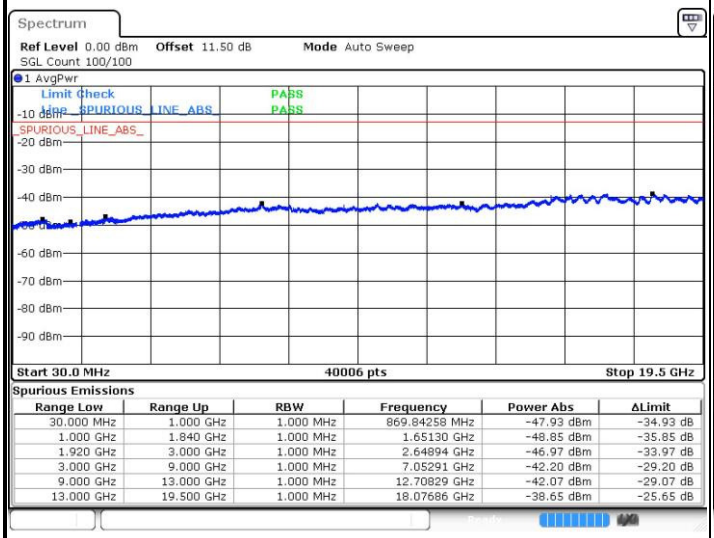


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-47.96 dBm	-34.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83727 GHz	-48.16 dBm	-35.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68493 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05291 GHz	-42.25 dBm	-29.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70529 GHz	-42.24 dBm	-29.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78646 GHz	-38.45 dBm	-25.45 dB

Date: 14.APR.2016 10:26:48

Middle Channel / QPSK

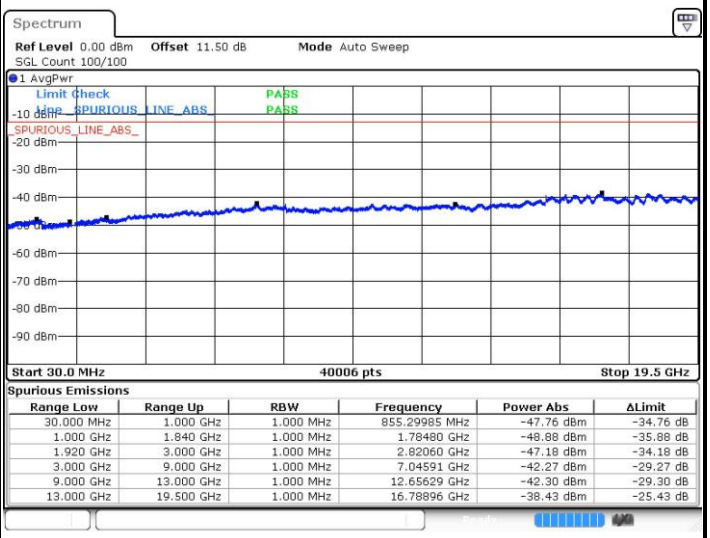


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-47.93 dBm	-34.93 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65130 GHz	-48.85 dBm	-35.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64894 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05291 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70829 GHz	-42.07 dBm	-29.07 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.65 dBm	-25.65 dB

Date: 14.APR.2016 10:28:29

Middle Channel / 16QAM



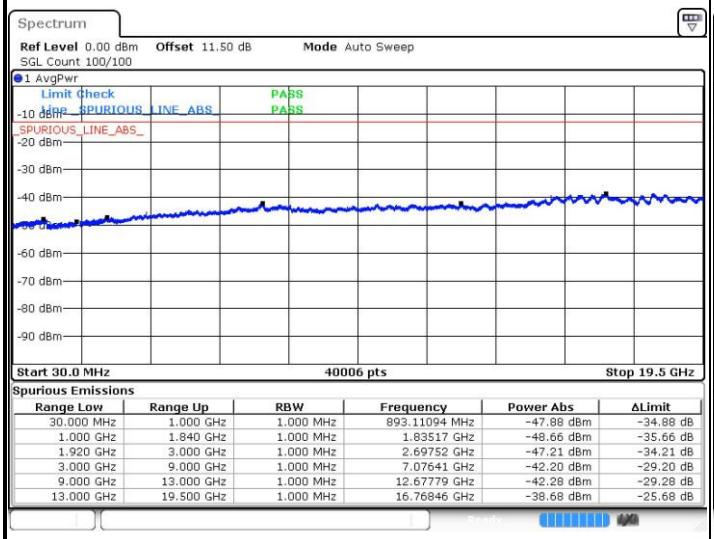
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29985 MHz	-47.76 dBm	-34.76 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78480 GHz	-48.88 dBm	-35.88 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82060 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04591 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65629 GHz	-42.30 dBm	-29.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.78896 GHz	-38.43 dBm	-25.43 dB

Date: 14.APR.2016 10:29:24

LTE Band 2 / 15MHz

Highest Channel / QPSK

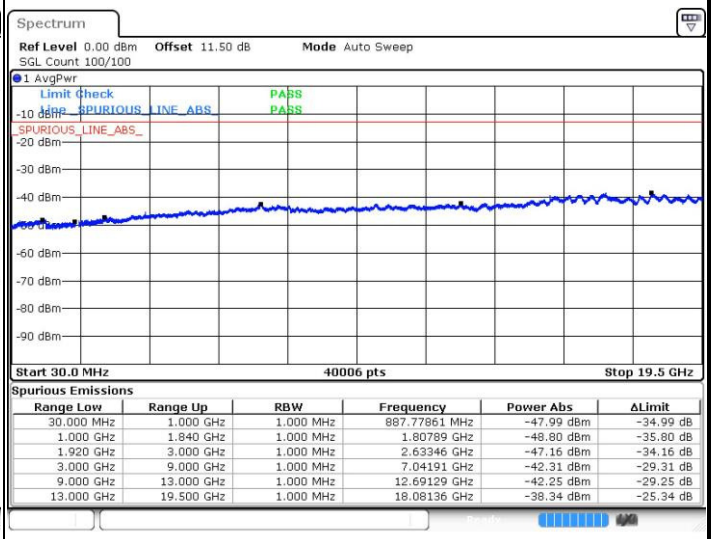


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.11094 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-48.66 dBm	-35.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69752 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.07641 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.67779 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.76846 GHz	-38.68 dBm	-25.68 dB

Date: 14.APR.2016 10:35:38

Highest Channel / 16QAM



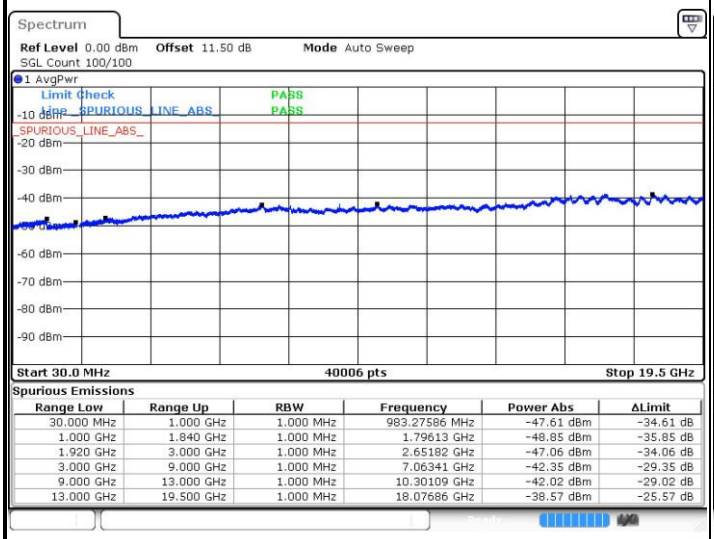
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-47.99 dBm	-34.99 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80789 GHz	-48.80 dBm	-35.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63346 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04191 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69129 GHz	-42.25 dBm	-29.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08136 GHz	-38.34 dBm	-25.34 dB

Date: 14.APR.2016 10:36:33

LTE Band 2 / 20MHz

Lowest Channel / QPSK

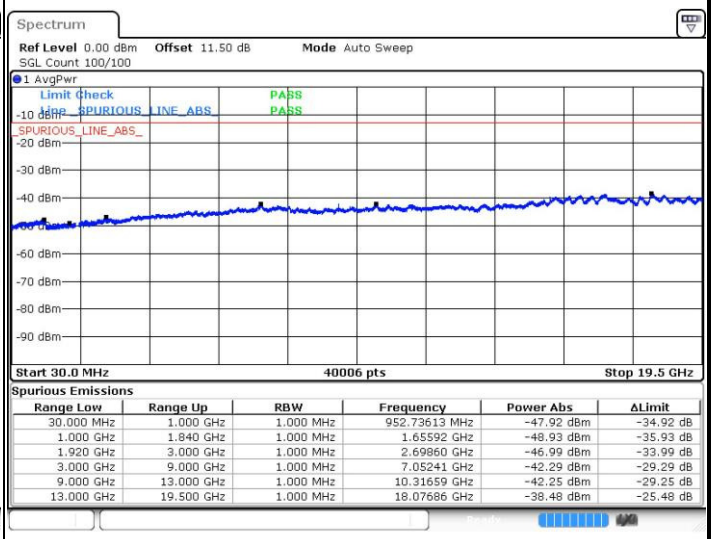


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-47.61 dBm	-34.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79613 GHz	-48.85 dBm	-35.85 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65182 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06341 GHz	-42.35 dBm	-29.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30109 GHz	-42.02 dBm	-29.02 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.57 dBm	-25.57 dB

Date: 14.APR.2016 10:42:48

Lowest Channel / 16QAM



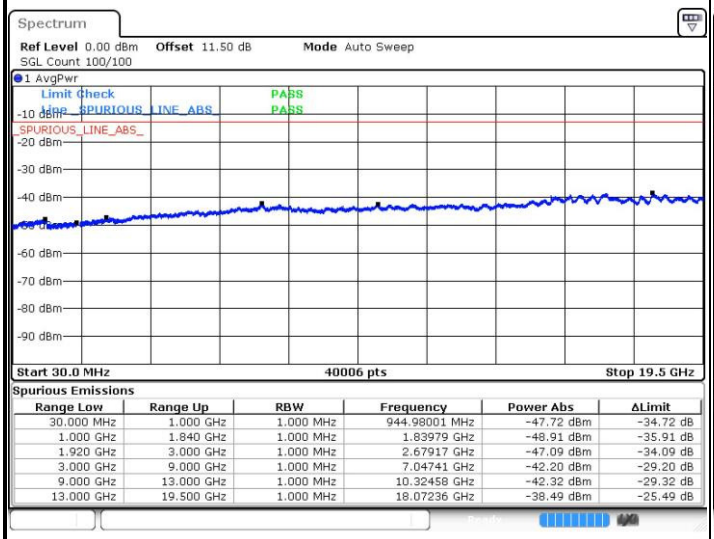
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65592 GHz	-48.93 dBm	-35.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.69860 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05241 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31659 GHz	-42.25 dBm	-29.25 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07686 GHz	-38.48 dBm	-25.48 dB

Date: 14.APR.2016 10:43:42

LTE Band 2 / 20MHz

Middle Channel / QPSK

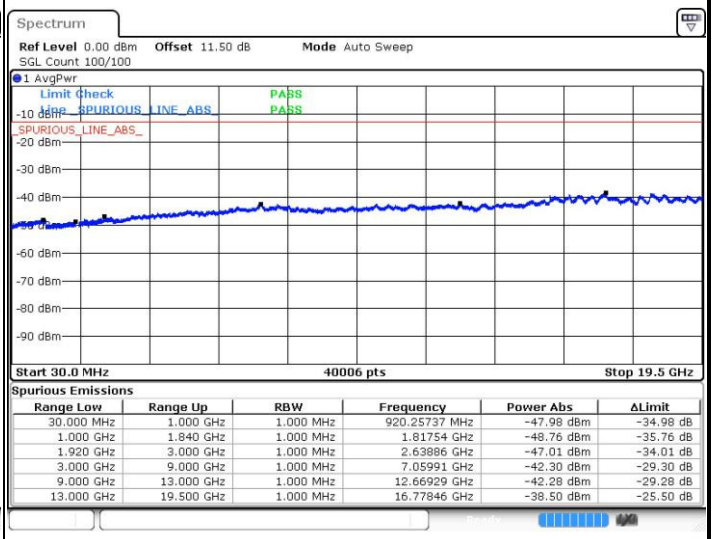


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-48.91 dBm	-35.91 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67917 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.04741 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32458 GHz	-42.32 dBm	-29.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.07236 GHz	-38.49 dBm	-25.49 dB

Date: 14.APR.2016 10:45:19

Middle Channel / 16QAM

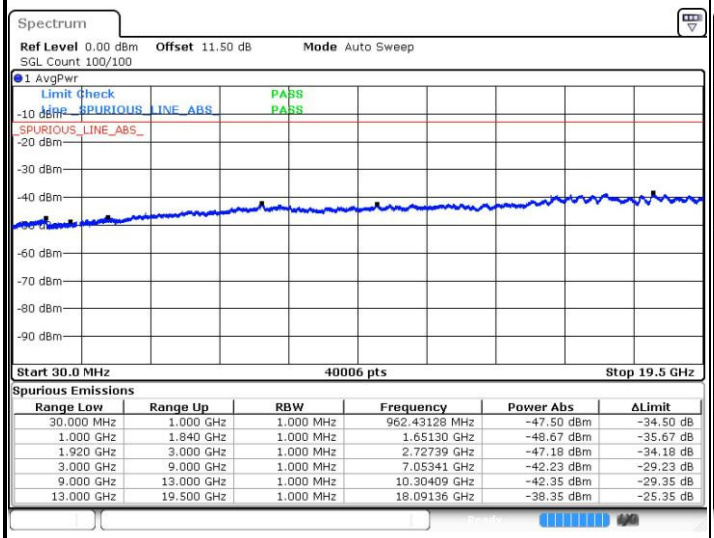


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-47.98 dBm	-34.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81754 GHz	-48.76 dBm	-35.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63886 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05991 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66929 GHz	-42.28 dBm	-29.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.77846 GHz	-38.50 dBm	-25.50 dB

Date: 14.APR.2016 10:46:14

Highest Channel / QPSK

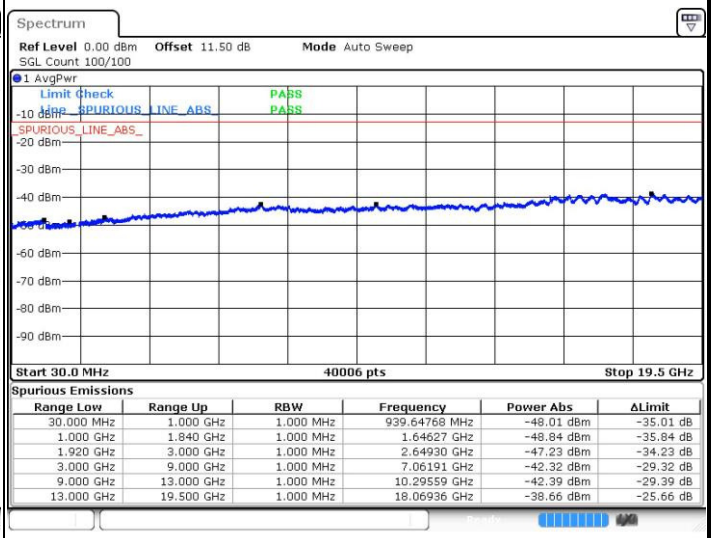


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-47.50 dBm	-34.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65130 GHz	-48.67 dBm	-35.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.72739 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.05341 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30409 GHz	-42.35 dBm	-29.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.09136 GHz	-38.35 dBm	-25.35 dB

Date: 14.APR.2016 10:52:28

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-48.01 dBm	-35.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64627 GHz	-48.84 dBm	-35.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64930 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.06191 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29559 GHz	-42.39 dBm	-29.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06936 GHz	-38.66 dBm	-25.66 dB

Date: 14.APR.2016 10:53:23

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0066	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0067	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.4 V.；Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

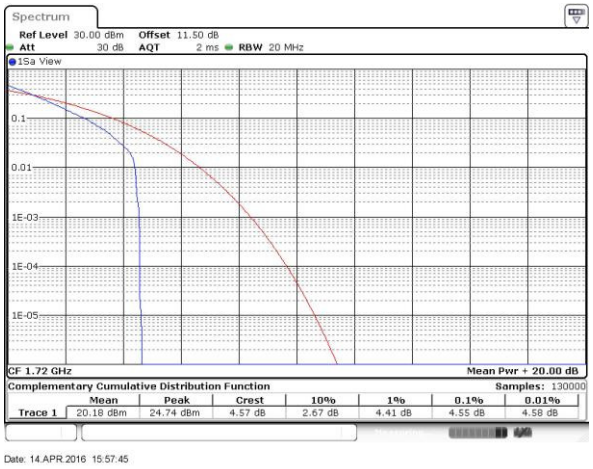
LTE Band 4

Peak-to-Average Ratio

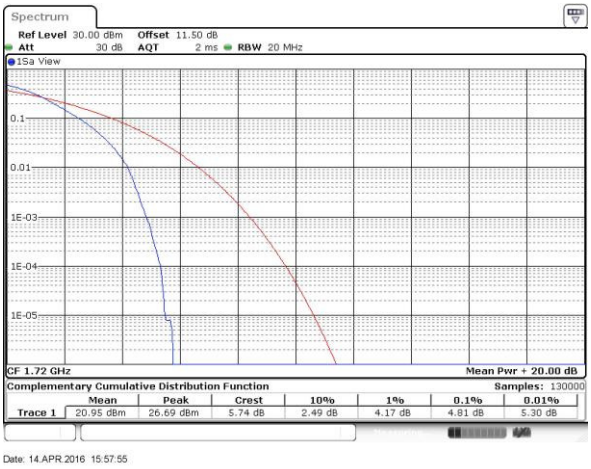
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.55	4.81	5.51	5.86	PASS
Middle CH	4.46	5.1	5.42	6	
Highest CH	4.35	5.16	5.22	6	

LTE Band 4 / 20MHz / QPSK

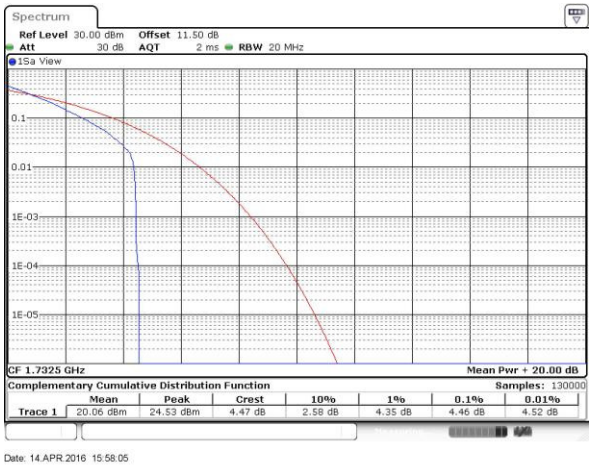
Lowest Channel / 1RB



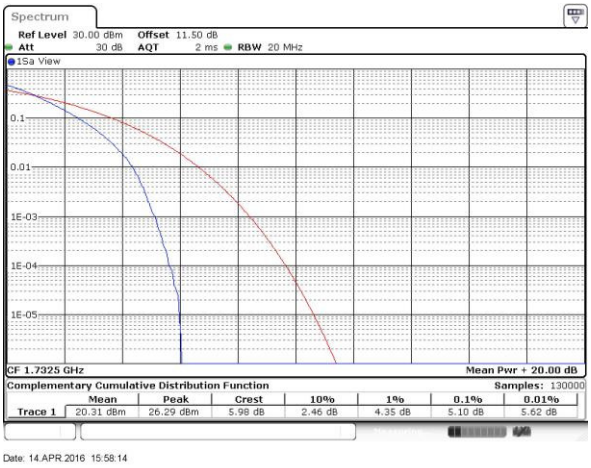
Lowest Channel / Full RB



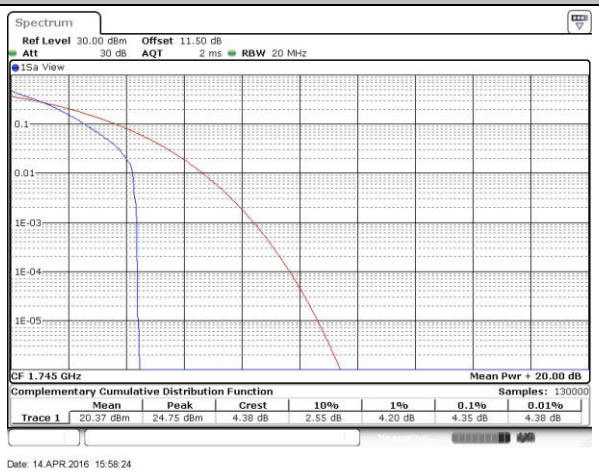
Middle Channel / 1RB



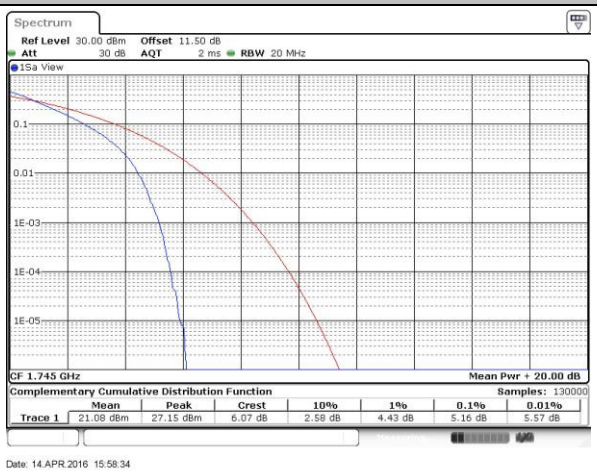
Middle Channel / Full RB



Highest Channel / 1RB

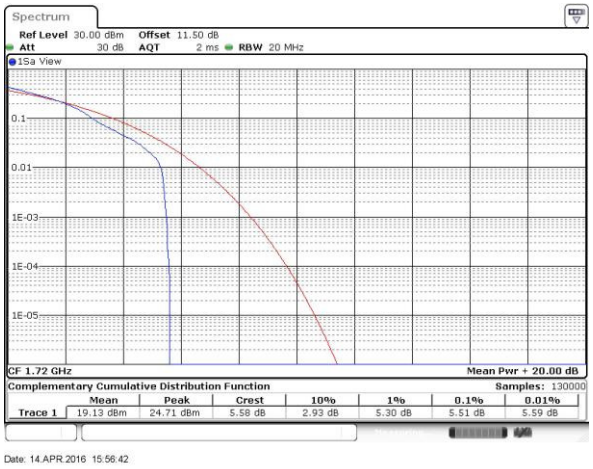


Highest Channel / Full RB

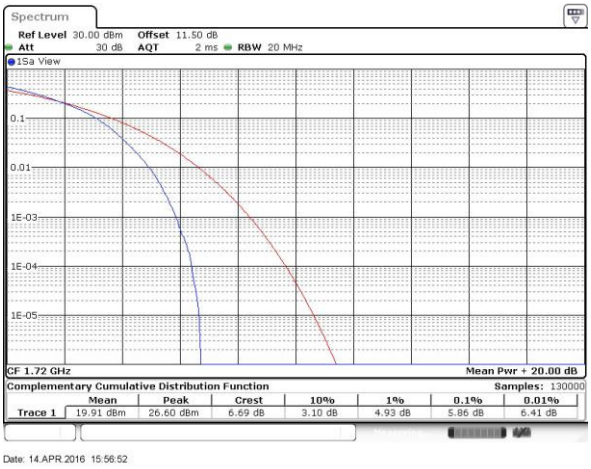


LTE Band 4 / 20MHz / 16QAM

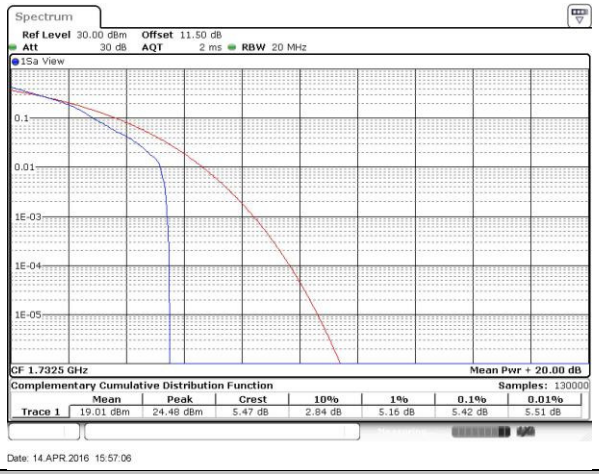
Lowest Channel / 1RB



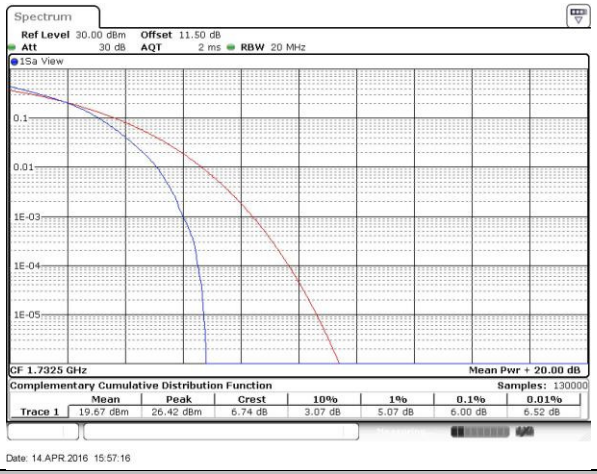
Lowest Channel / Full RB



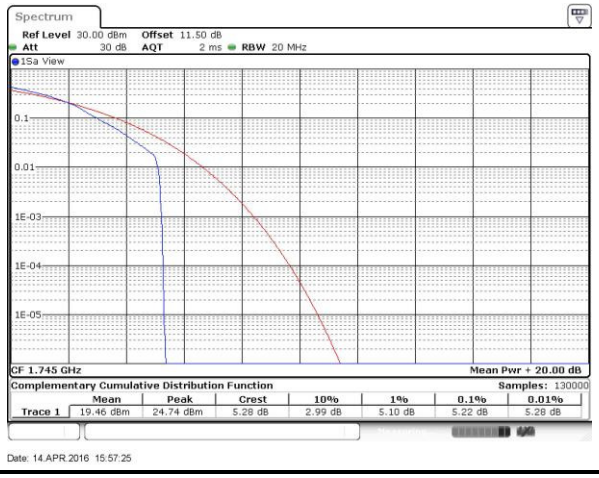
Middle Channel / 1RB



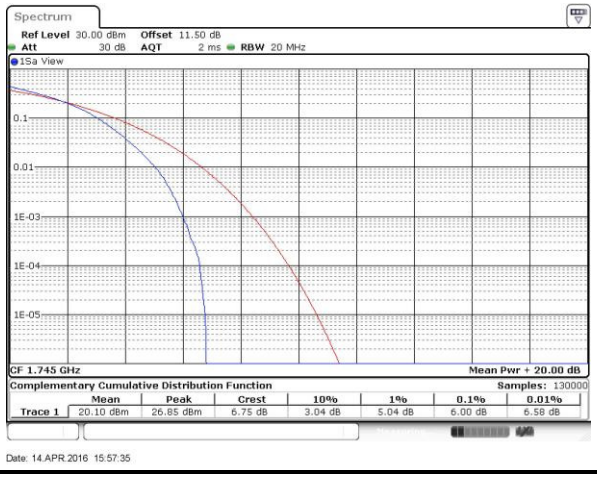
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

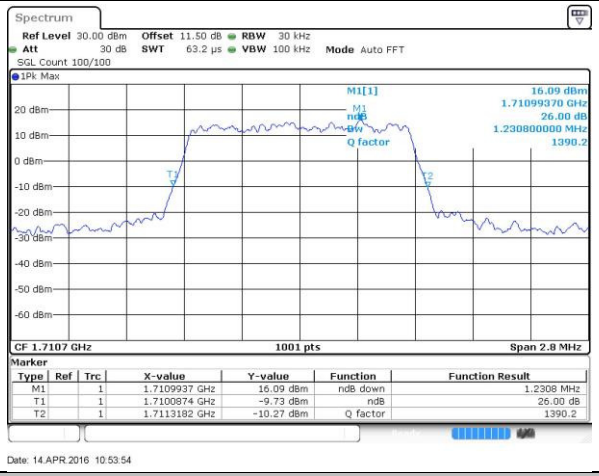


26dB Bandwidth

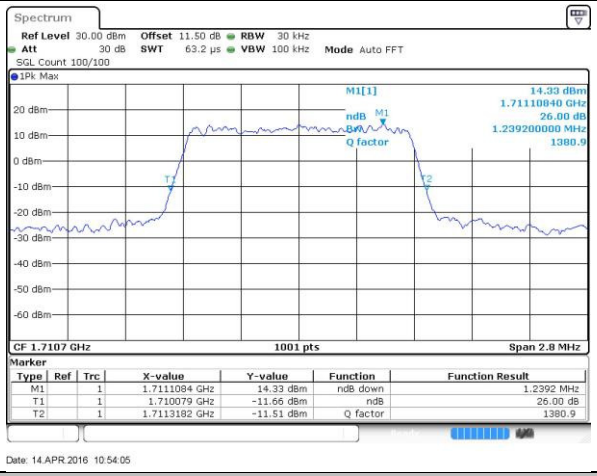
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.24	2.99	3.04	4.90	4.85	9.85	9.89	14.24	14.30	20.10	20.14
Middle CH	1.23	1.23	3.02	2.97	4.87	4.95	9.77	9.83	14.36	14.45	20.18	20.14
Highest CH	1.23	1.23	2.96	2.96	4.89	4.91	9.87	9.73	14.48	14.36	20.10	20.22

LTE Band 4

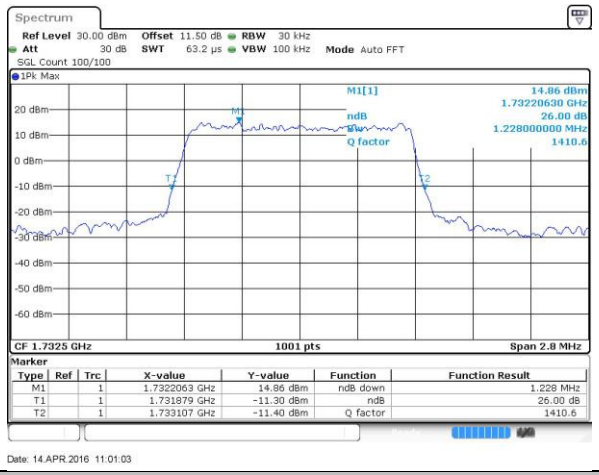
Lowest Channel / 1.4MHz / QPSK



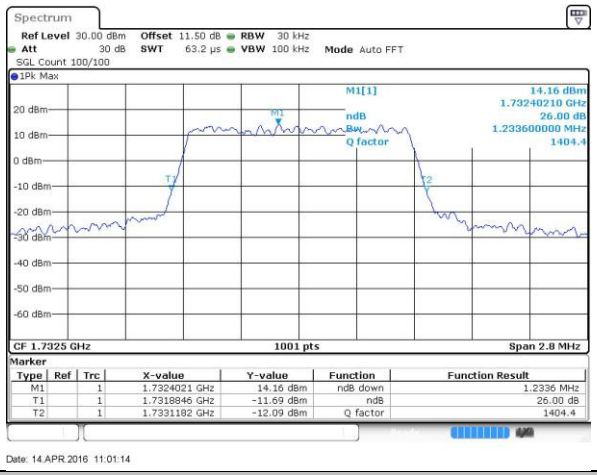
Lowest Channel / 1.4MHz / 16QAM



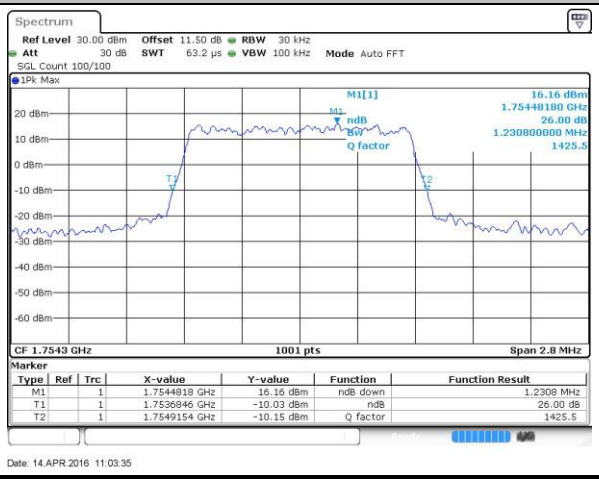
Middle Channel / 1.4MHz / QPSK



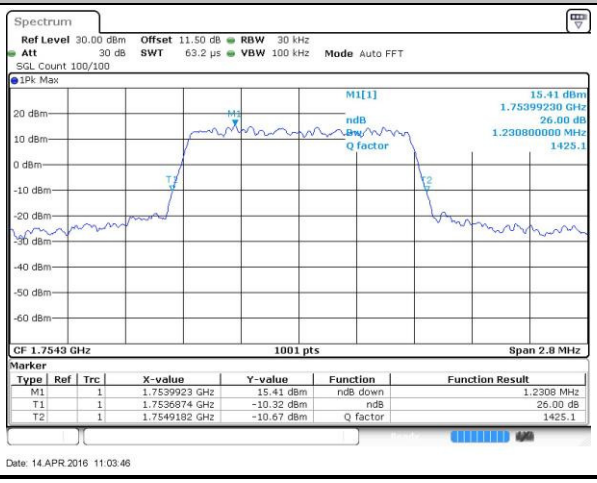
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

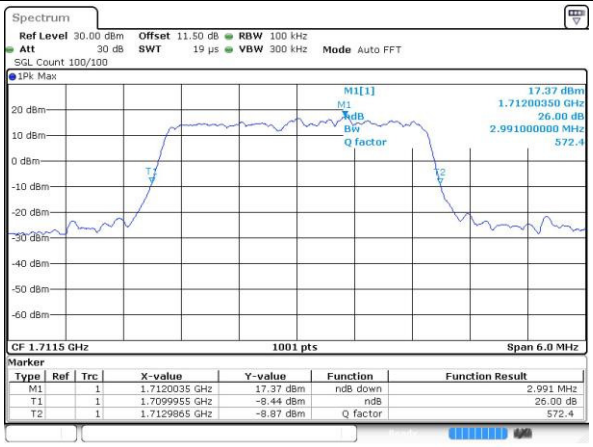


Highest Channel / 1.4MHz / 16QAM

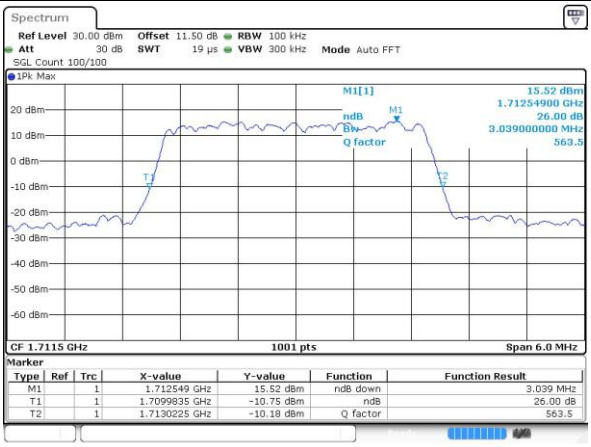


LTE Band 4

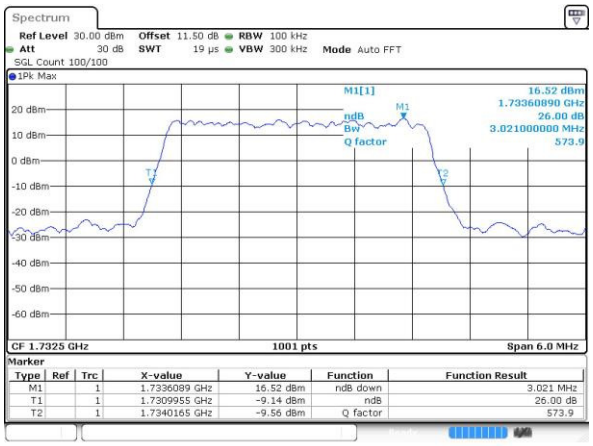
Lowest Channel / 3MHz / QPSK



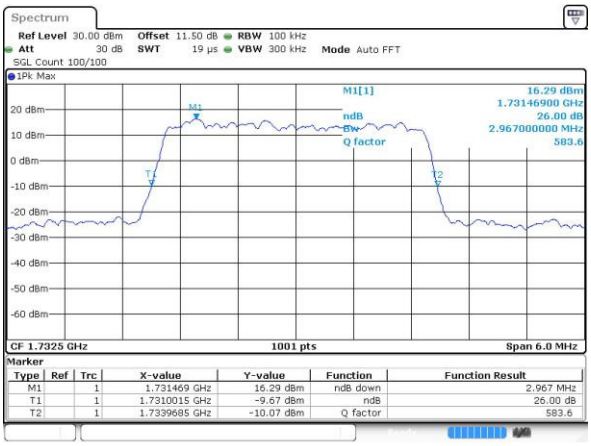
Lowest Channel / 3MHz / 16QAM



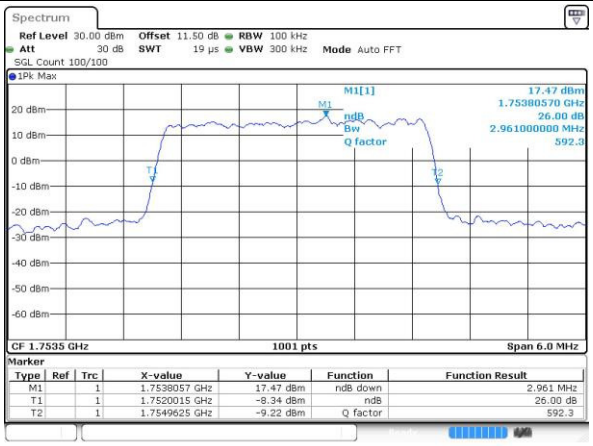
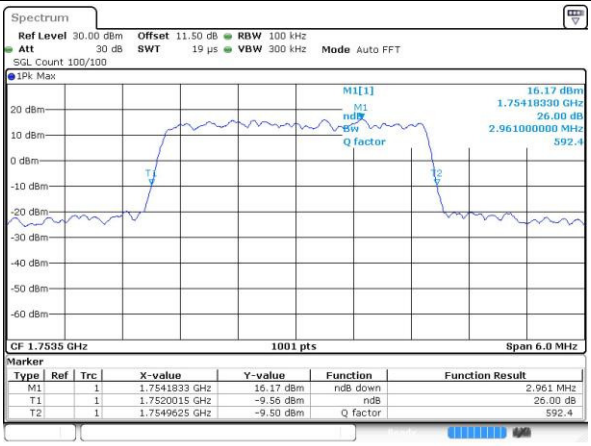
Middle Channel / 3MHz / QPSK



Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK



Highest Channel /3MHz / 16QAM