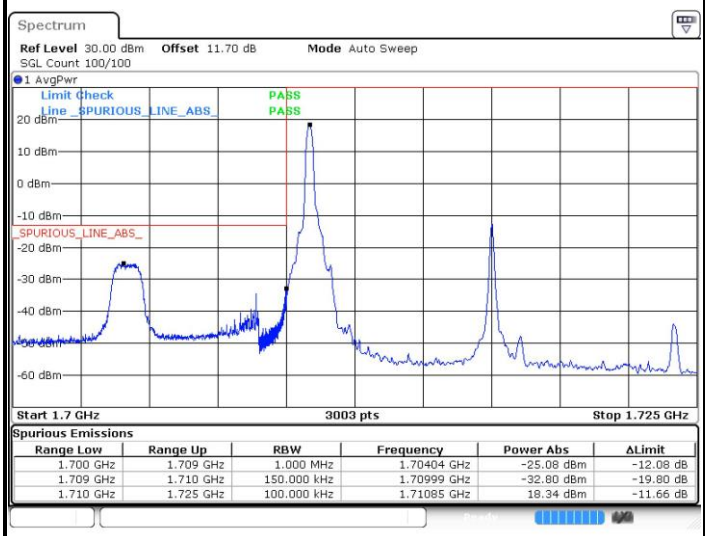
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

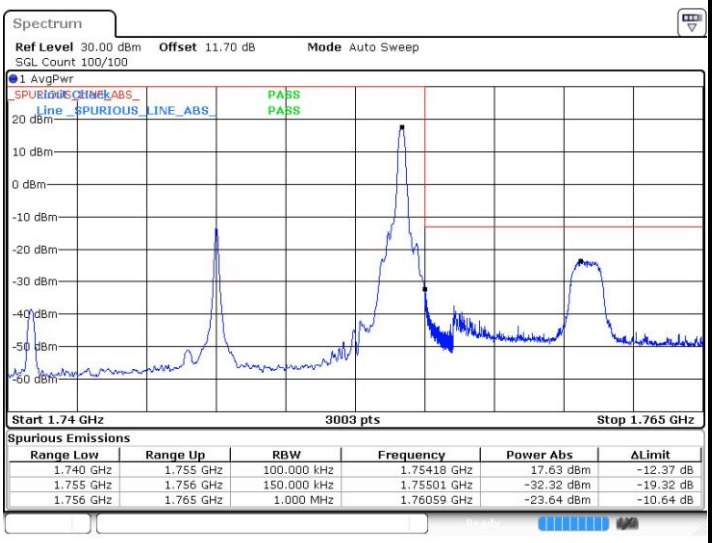


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70404 GHz	-25.08 dBm	-12.08 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-32.80 dBm	-19.80 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71085 GHz	18.34 dBm	-11.66 dB

Date: 18.OCT.2018 19:09:09

Highest Band Edge / 1 RB

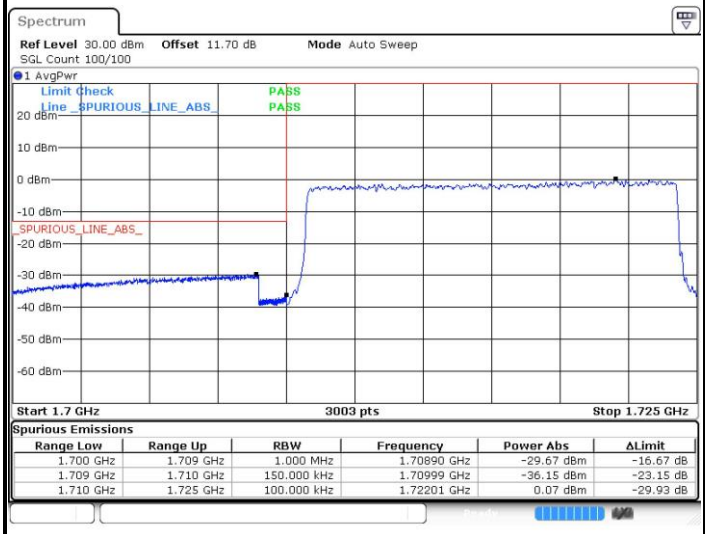


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75418 GHz	17.63 dBm	-12.37 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75501 GHz	-32.32 dBm	-19.32 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76059 GHz	-23.64 dBm	-10.64 dB

Date: 18.OCT.2018 19:13:36

Lowest Band Edge / Full RB

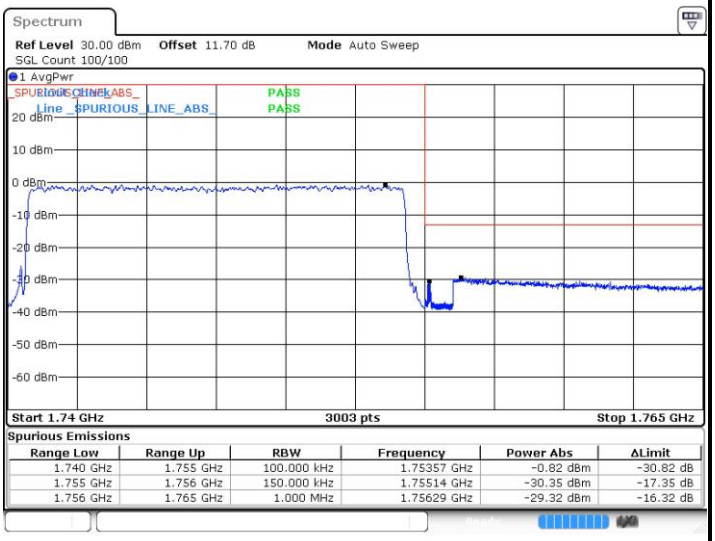


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70890 GHz	-29.67 dBm	-16.67 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-36.15 dBm	-23.15 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72201 GHz	0.07 dBm	-29.93 dB

Date: 18.OCT.2018 19:10:19

Highest Band Edge / Full RB



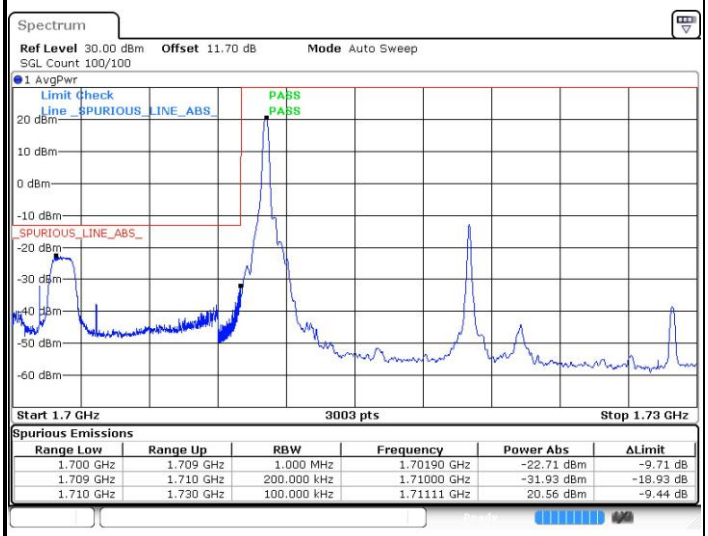
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75357 GHz	-0.82 dBm	-30.82 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75514 GHz	-30.35 dBm	-17.35 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75629 GHz	-29.32 dBm	-16.32 dB

Date: 18.OCT.2018 19:14:47

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

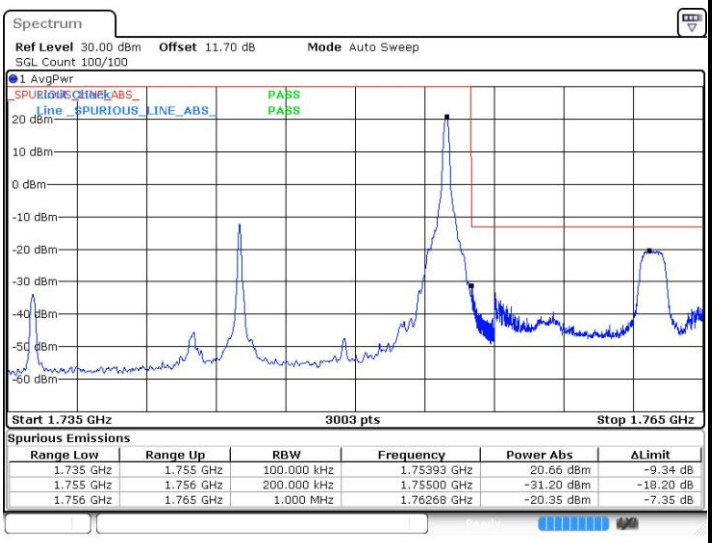


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70190 GHz	-22.71 dBm	-9.71 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-31.93 dBm	-18.93 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	20.56 dBm	-9.44 dB

Date: 14.OCT.2018 18:02:01

Highest Band Edge / 1 RB

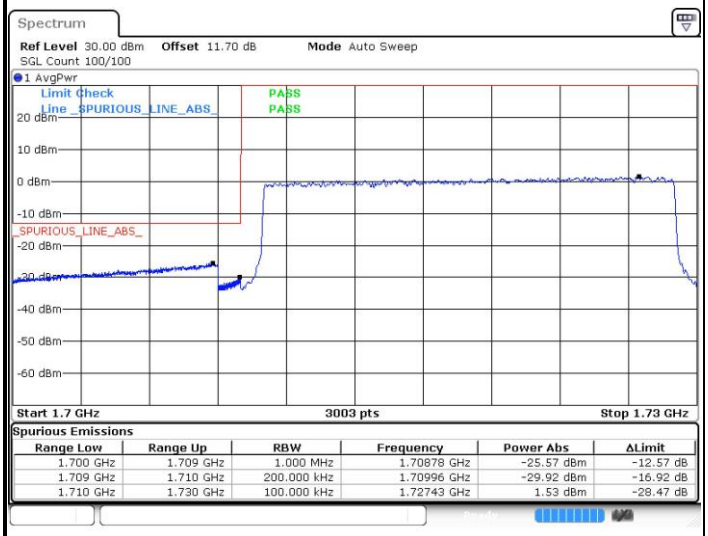


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	20.66 dBm	-9.34 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-31.20 dBm	-18.20 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76268 GHz	-20.35 dBm	-7.35 dB

Date: 14.OCT.2018 19:34:44

Lowest Band Edge / Full RB

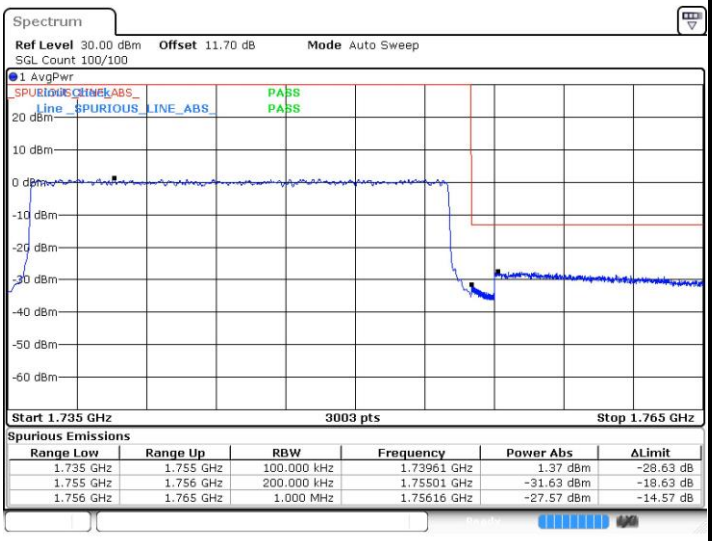


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70878 GHz	-25.57 dBm	-12.57 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70996 GHz	-29.92 dBm	-16.92 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72743 GHz	1.53 dBm	-28.47 dB

Date: 14.OCT.2018 18:04:21

Highest Band Edge / Full RB



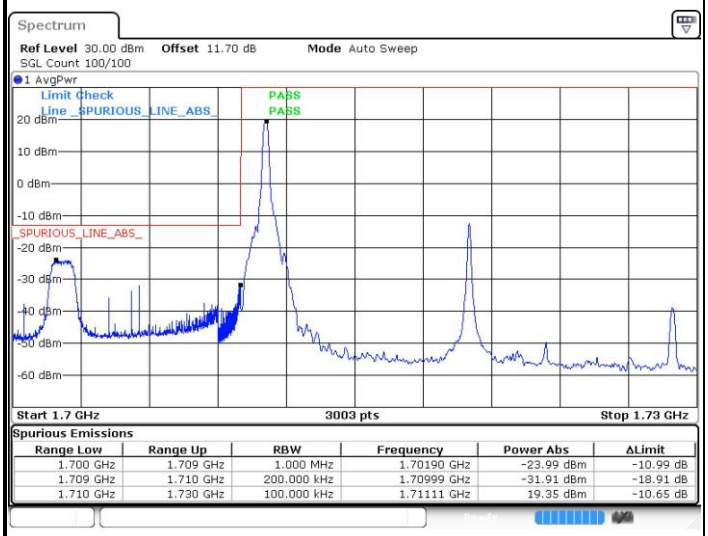
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73961 GHz	1.37 dBm	-28.63 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-31.63 dBm	-18.63 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75616 GHz	-27.57 dBm	-14.57 dB

Date: 14.OCT.2018 19:37:04

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

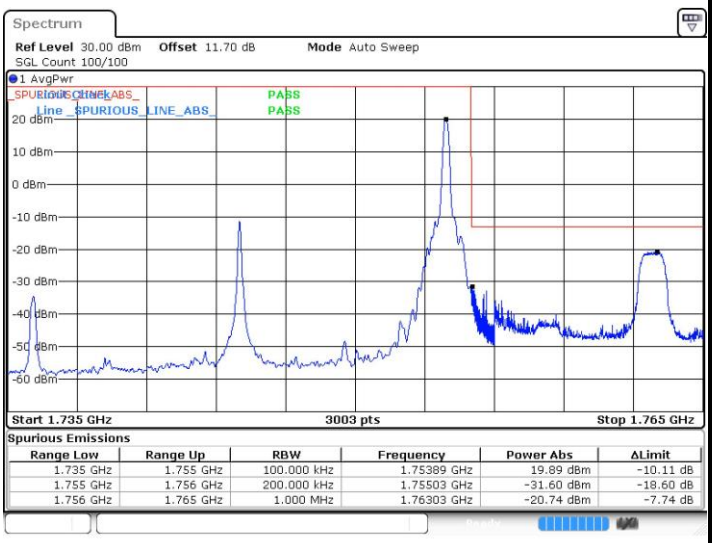


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70190 GHz	-23.99 dBm	-10.99 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-31.91 dBm	-18.91 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	19.35 dBm	-10.65 dB

Date: 14.OCT.2018 18:03:11

Highest Band Edge / 1 RB

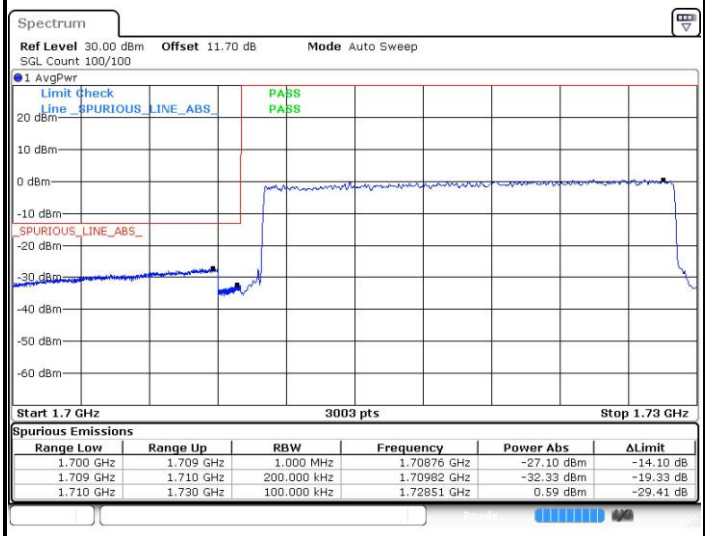


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75389 GHz	19.89 dBm	-10.11 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75503 GHz	-31.60 dBm	-18.60 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76303 GHz	-20.74 dBm	-7.74 dB

Date: 14.OCT.2018 19:35:54

Lowest Band Edge / Full RB

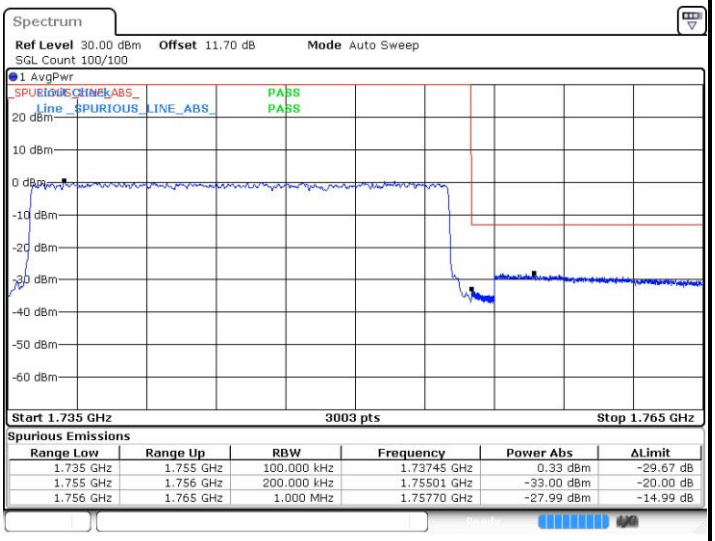


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70876 GHz	-27.10 dBm	-14.10 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70982 GHz	-32.33 dBm	-19.33 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72851 GHz	0.59 dBm	-29.41 dB

Date: 14.OCT.2018 18:05:31

Highest Band Edge / Full RB



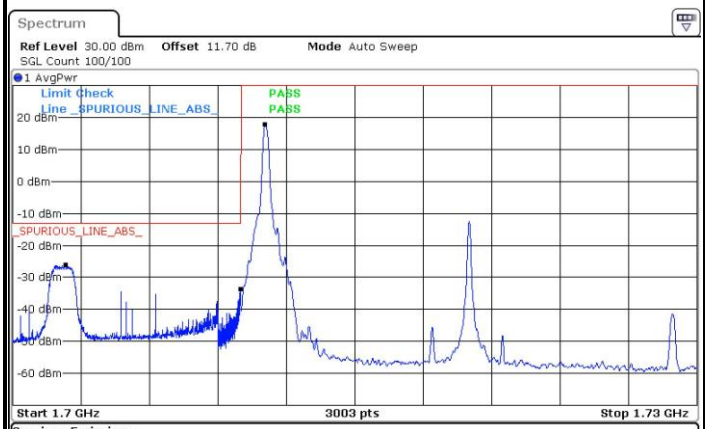
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73745 GHz	0.33 dBm	-29.67 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-33.00 dBm	-20.00 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75770 GHz	-27.99 dBm	-14.99 dB

Date: 14.OCT.2018 19:38:14

LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

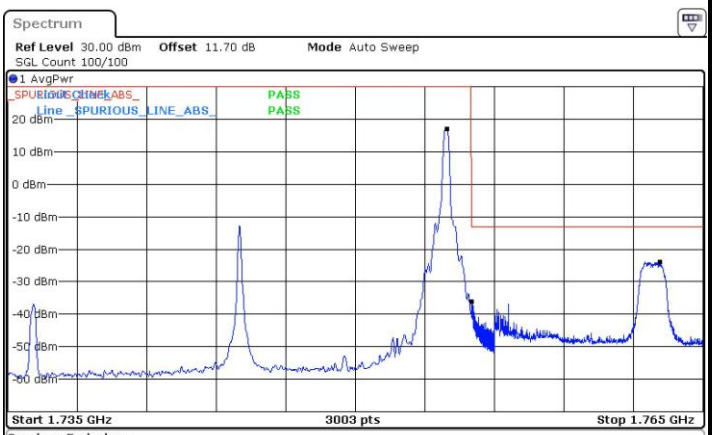


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70231 GHz	-26.17 dBm	-13.17 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.77 dBm	-20.77 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	17.91 dBm	-12.09 dB

Date: 18.OCT.2018 19:17:00

Highest Band Edge / 1 RB

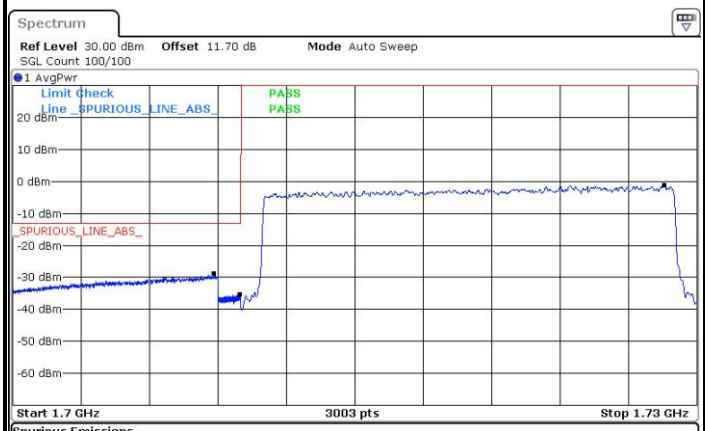


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	17.01 dBm	-12.99 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75502 GHz	-36.25 dBm	-23.25 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76314 GHz	-24.04 dBm	-11.04 dB

Date: 18.OCT.2018 19:21:28

Lowest Band Edge / Full RB

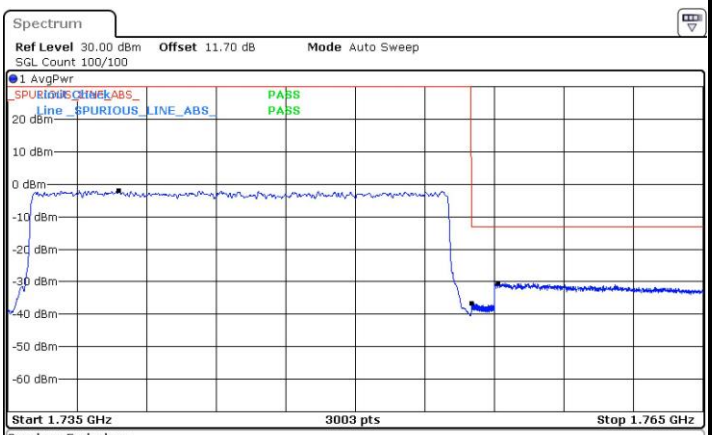


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-28.86 dBm	-15.86 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-35.19 dBm	-22.19 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72855 GHz	-1.13 dBm	-31.13 dB

Date: 18.OCT.2018 19:18:11

Highest Band Edge / Full RB



Spurious Emissions

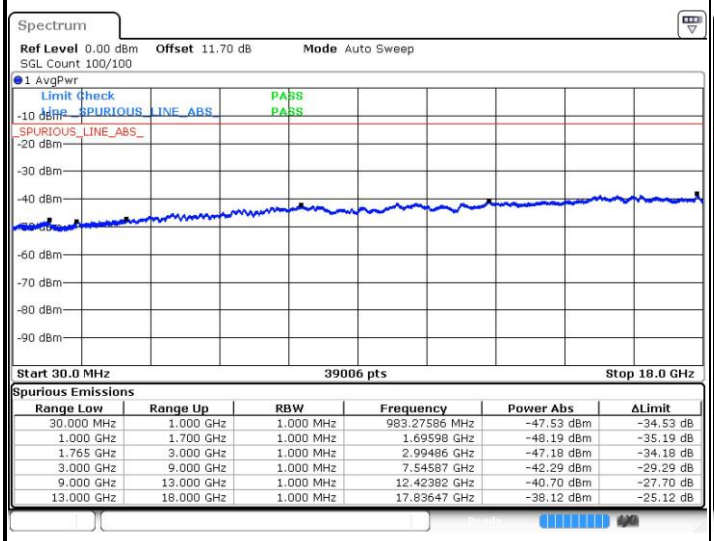
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73979 GHz	-1.96 dBm	-31.96 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-36.60 dBm	-23.60 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75614 GHz	-30.31 dBm	-17.31 dB

Date: 18.OCT.2018 19:22:38

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

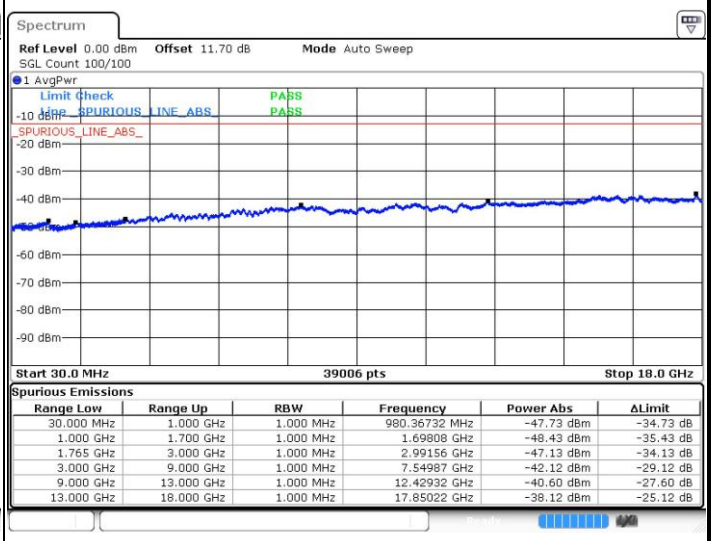


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-47.53 dBm	-34.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-48.19 dBm	-35.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99486 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54587 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42382 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83647 GHz	-38.12 dBm	-25.12 dB

Date: 16.OCT.2018 00:59:27

Lowest Channel / 16QAM

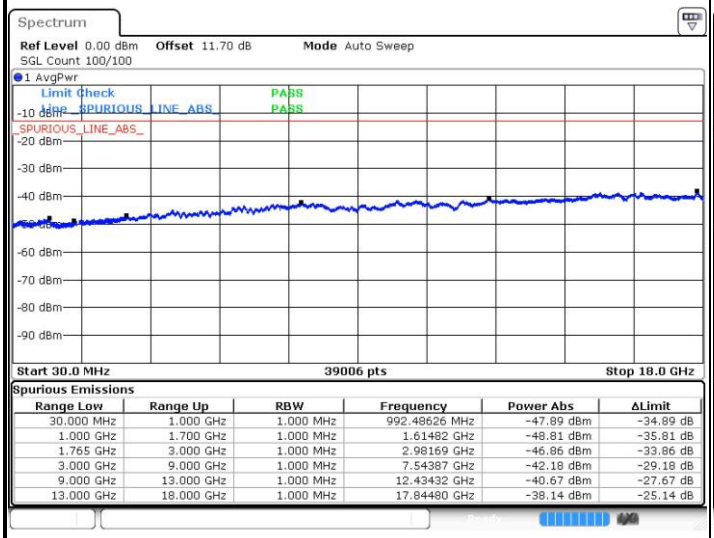


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-48.43 dBm	-35.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99156 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54987 GHz	-42.12 dBm	-29.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42932 GHz	-40.60 dBm	-27.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85022 GHz	-38.12 dBm	-25.12 dB

Date: 16.OCT.2018 01:00:18

Middle Channel / QPSK

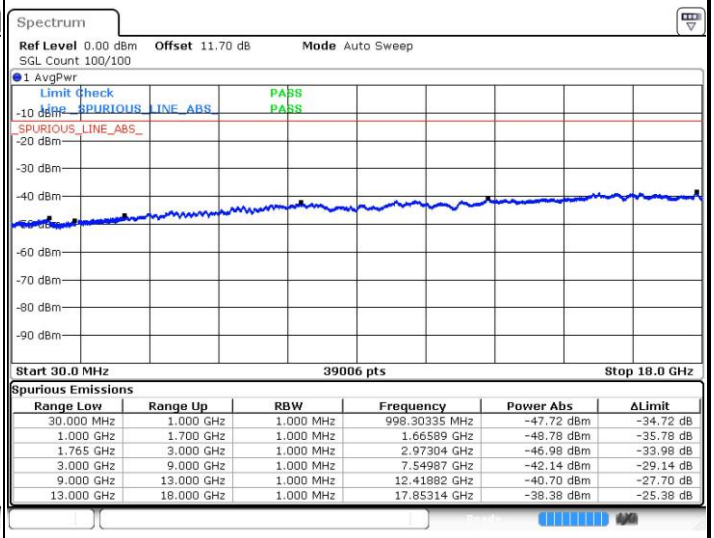


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.89 dBm	-34.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61482 GHz	-48.81 dBm	-35.81 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98169 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54387 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43432 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84480 GHz	-38.14 dBm	-25.14 dB

Date: 16.OCT.2018 01:01:54

Middle Channel / 16QAM



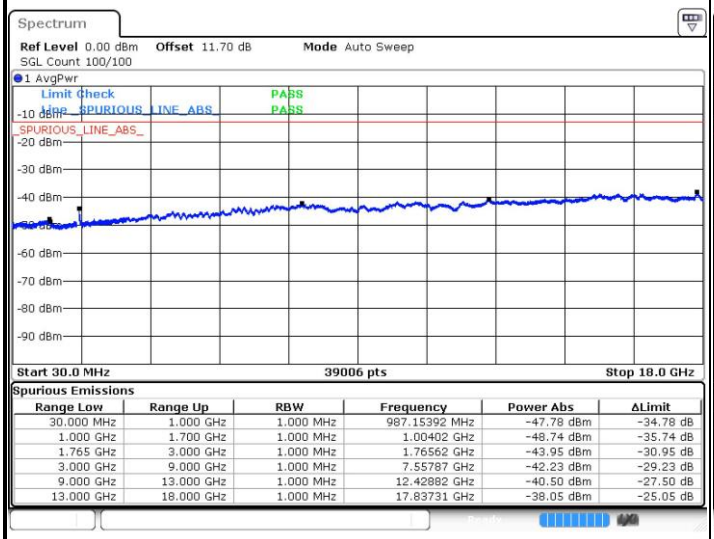
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66589 GHz	-48.78 dBm	-35.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97304 GHz	-46.98 dBm	-33.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54987 GHz	-42.14 dBm	-29.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41882 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85314 GHz	-38.38 dBm	-25.38 dB

Date: 16.OCT.2018 01:02:44

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

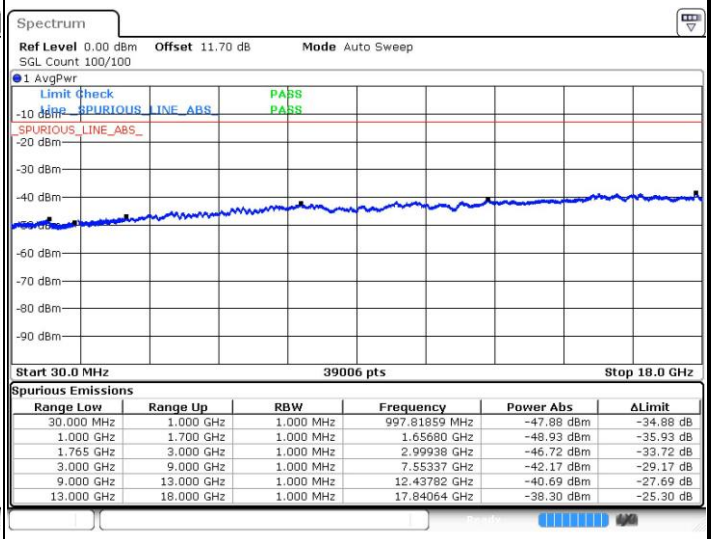


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.00402 GHz	-48.74 dBm	-35.74 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76562 GHz	-43.95 dBm	-30.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55787 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42882 GHz	-40.50 dBm	-27.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83731 GHz	-38.05 dBm	-25.05 dB

Date: 16.OCT.2018 01:09:01

Highest Channel / 16QAM



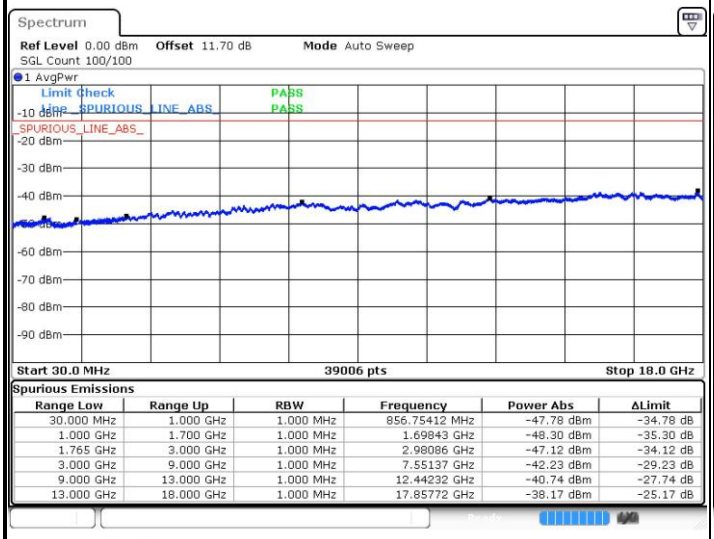
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65680 GHz	-48.93 dBm	-35.93 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99938 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55337 GHz	-42.17 dBm	-29.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43782 GHz	-40.69 dBm	-27.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84064 GHz	-38.30 dBm	-25.30 dB

Date: 16.OCT.2018 01:09:51

LTE Band 4 / 3MHz

Lowest Channel / QPSK

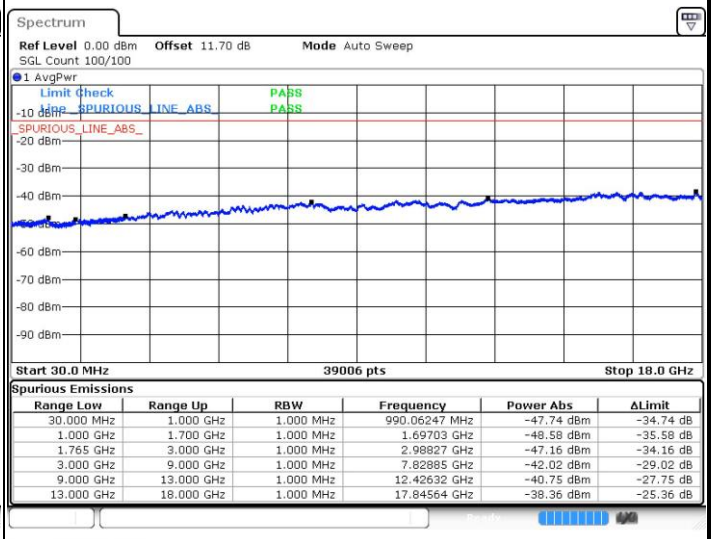


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-48.30 dBm	-35.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98086 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55137 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44232 GHz	-40.74 dBm	-27.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85772 GHz	-38.17 dBm	-25.17 dB

Date: 14.OCT.2018 16:59:43

Lowest Channel / 16QAM



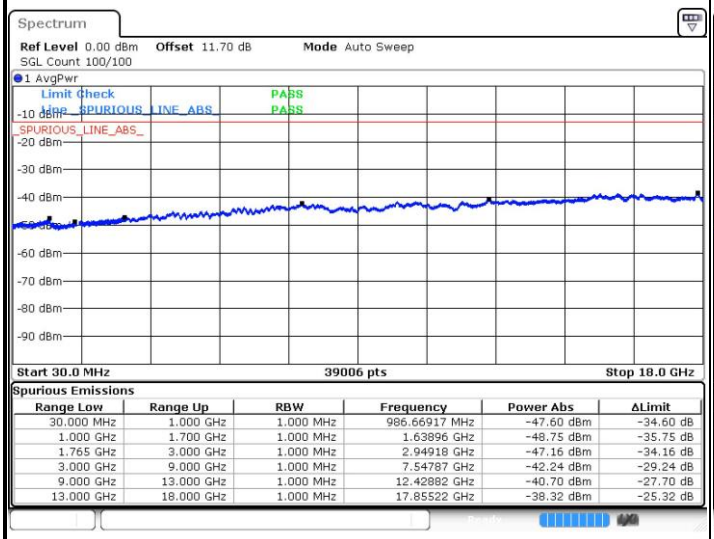
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-47.74 dBm	-34.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-48.58 dBm	-35.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.82885 GHz	-42.02 dBm	-29.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42632 GHz	-40.75 dBm	-27.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84564 GHz	-38.36 dBm	-25.36 dB

Date: 14.OCT.2018 17:00:34

LTE Band 4 / 3MHz

Middle Channel / QPSK

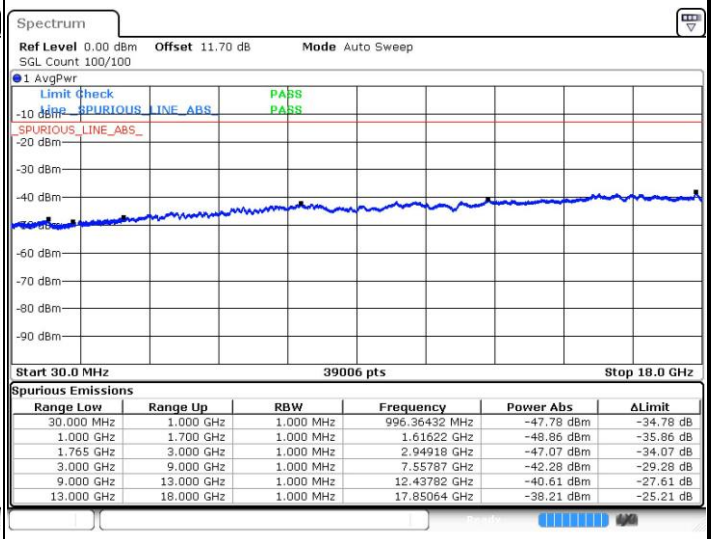


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63896 GHz	-48.75 dBm	-35.75 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94918 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54787 GHz	-42.24 dBm	-29.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42882 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85522 GHz	-38.32 dBm	-25.32 dB

Date: 14.OCT.2018 17:02:10

Middle Channel / 16QAM

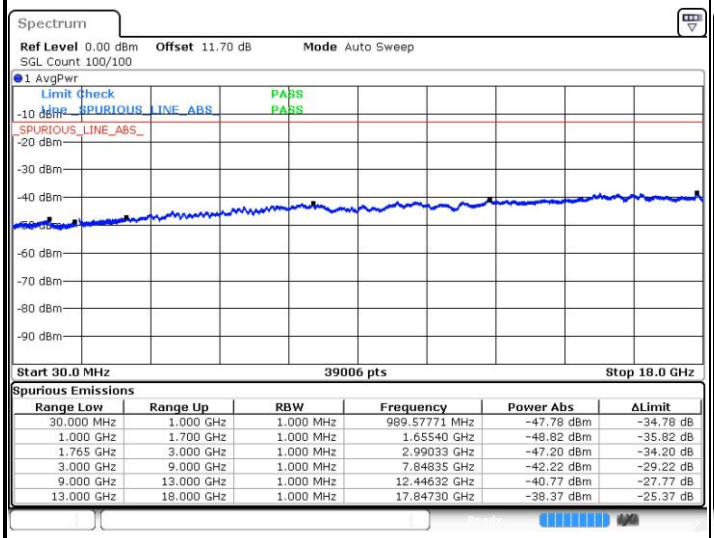


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61622 GHz	-48.86 dBm	-35.86 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94918 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55787 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43782 GHz	-40.61 dBm	-27.61 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85064 GHz	-38.21 dBm	-25.21 dB

Date: 14.OCT.2018 17:03:00

Highest Channel / QPSK

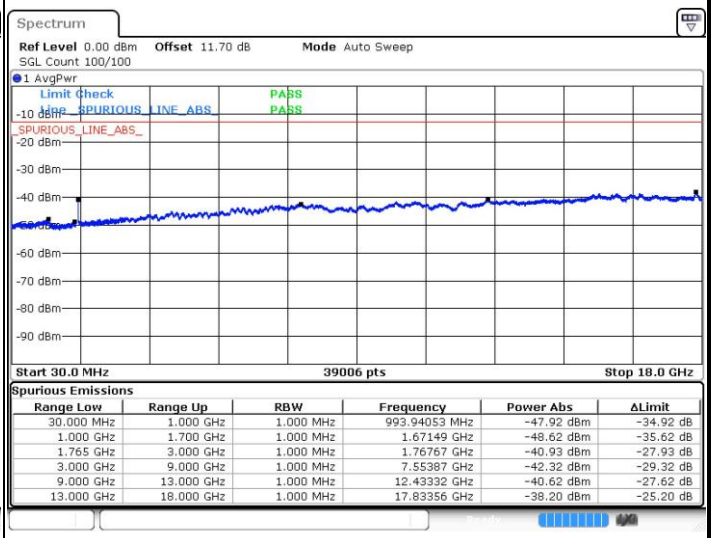


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-48.82 dBm	-35.82 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99033 GHz	-47.20 dBm	-34.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84835 GHz	-42.22 dBm	-29.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44632 GHz	-40.77 dBm	-27.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84730 GHz	-38.37 dBm	-25.37 dB

Date: 14.OCT.2018 17:09:16

Highest Channel / 16QAM



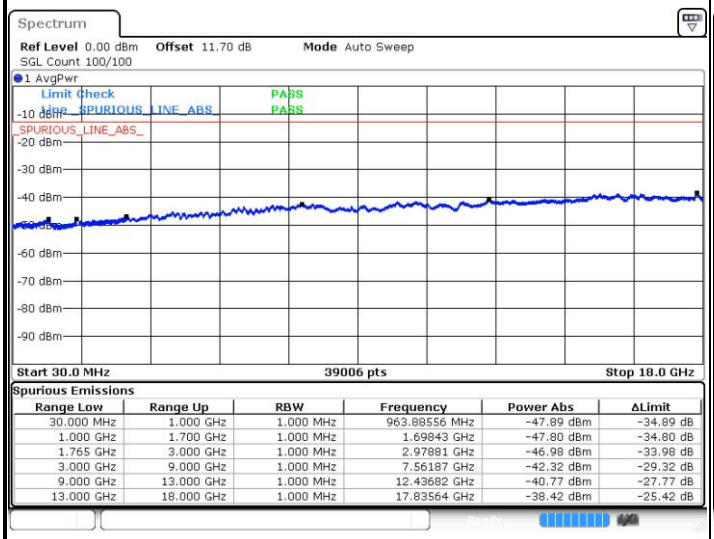
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67149 GHz	-48.62 dBm	-35.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-40.93 dBm	-27.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55387 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43332 GHz	-40.62 dBm	-27.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83356 GHz	-38.20 dBm	-25.20 dB

Date: 14.OCT.2018 17:10:07

LTE Band 4 / 5MHz

Lowest Channel / QPSK

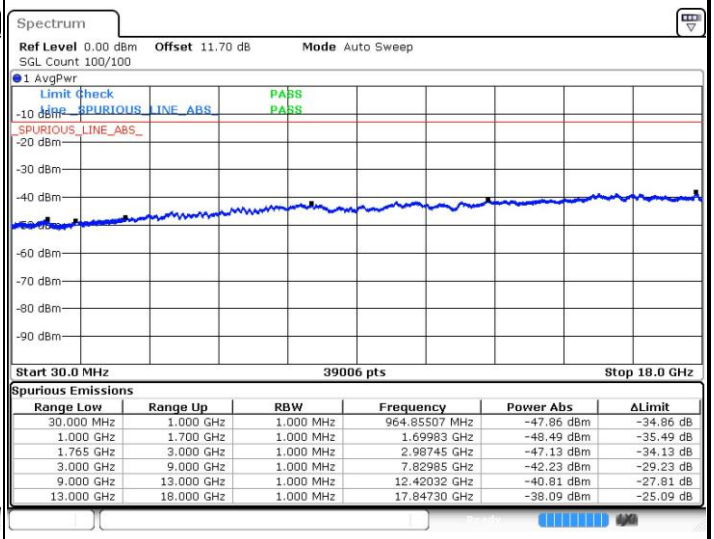


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-47.89 dBm	-34.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-47.80 dBm	-34.80 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97881 GHz	-46.98 dBm	-33.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56187 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43682 GHz	-40.77 dBm	-27.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83564 GHz	-38.42 dBm	-25.42 dB

Date: 14.OCT.2018 17:16:23

Lowest Channel / 16QAM

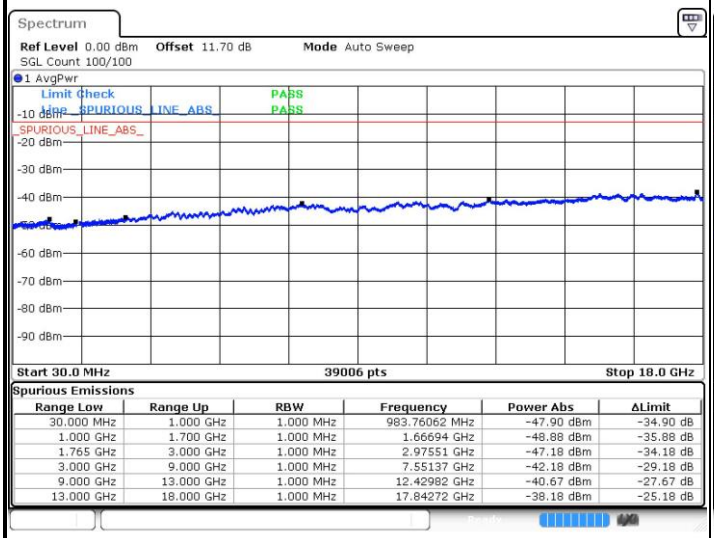


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-47.86 dBm	-34.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.49 dBm	-35.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98745 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.82985 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42032 GHz	-40.81 dBm	-27.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84730 GHz	-38.09 dBm	-25.09 dB

Date: 14.OCT.2018 17:17:13

Middle Channel / QPSK

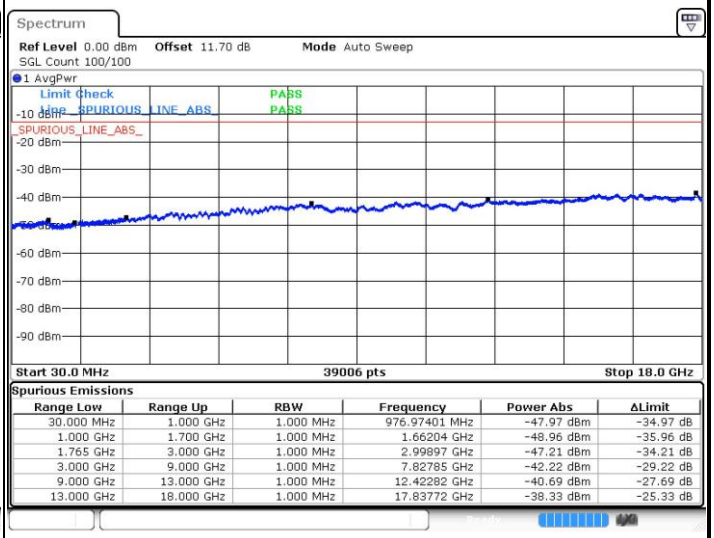


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.90 dBm	-34.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66694 GHz	-48.88 dBm	-35.88 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97551 GHz	-47.18 dBm	-34.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55137 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42982 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84272 GHz	-38.18 dBm	-25.18 dB

Date: 14.OCT.2018 17:18:49

Middle Channel / 16QAM



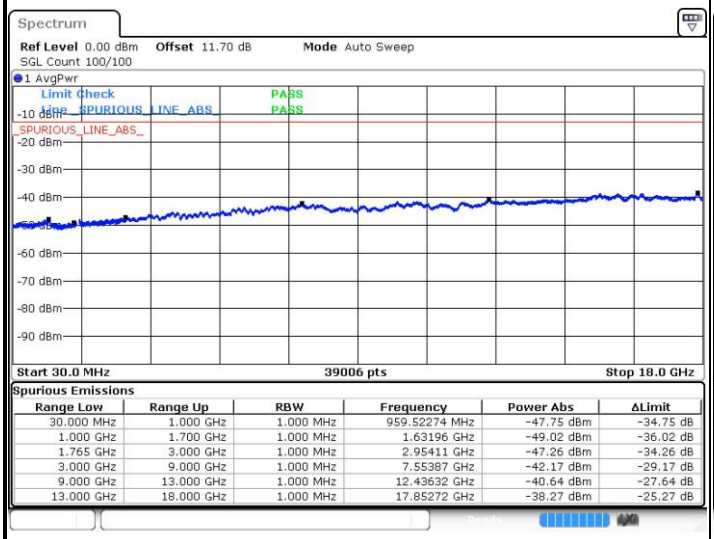
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-47.97 dBm	-34.97 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66204 GHz	-48.96 dBm	-35.96 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99897 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.82785 GHz	-42.22 dBm	-29.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42282 GHz	-40.69 dBm	-27.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83772 GHz	-38.33 dBm	-25.33 dB

Date: 14.OCT.2018 17:19:40

LTE Band 4 / 5MHz

Highest Channel / QPSK

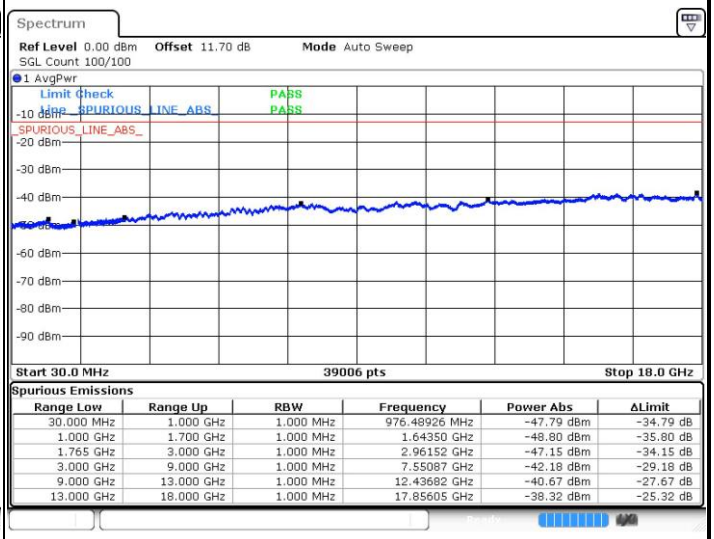


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-47.75 dBm	-34.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63196 GHz	-49.02 dBm	-36.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95411 GHz	-47.26 dBm	-34.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55387 GHz	-42.17 dBm	-29.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43632 GHz	-40.64 dBm	-27.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85272 GHz	-38.27 dBm	-25.27 dB

Date: 14.OCT.2018 17:25:56

Highest Channel / 16QAM



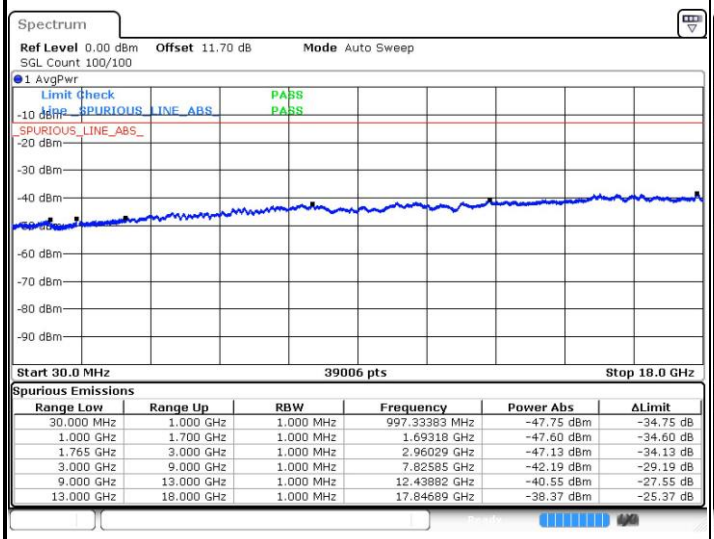
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.79 dBm	-34.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64350 GHz	-48.80 dBm	-35.80 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96152 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-42.18 dBm	-29.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43682 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85605 GHz	-38.32 dBm	-25.32 dB

Date: 14.OCT.2018 17:26:47

LTE Band 4 / 10MHz

Lowest Channel / QPSK

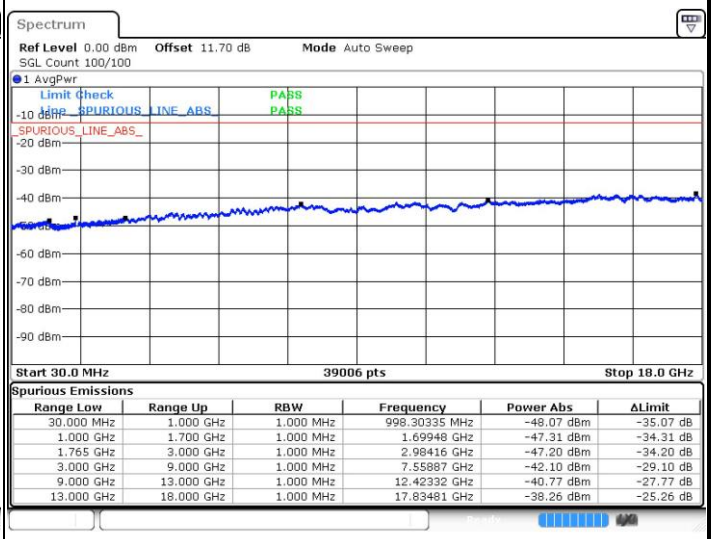


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.75 dBm	-34.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-47.60 dBm	-34.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96029 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.82585 GHz	-42.19 dBm	-29.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-40.55 dBm	-27.55 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84689 GHz	-38.37 dBm	-25.37 dB

Date: 14.OCT.2018 17:33:03

Lowest Channel / 16QAM



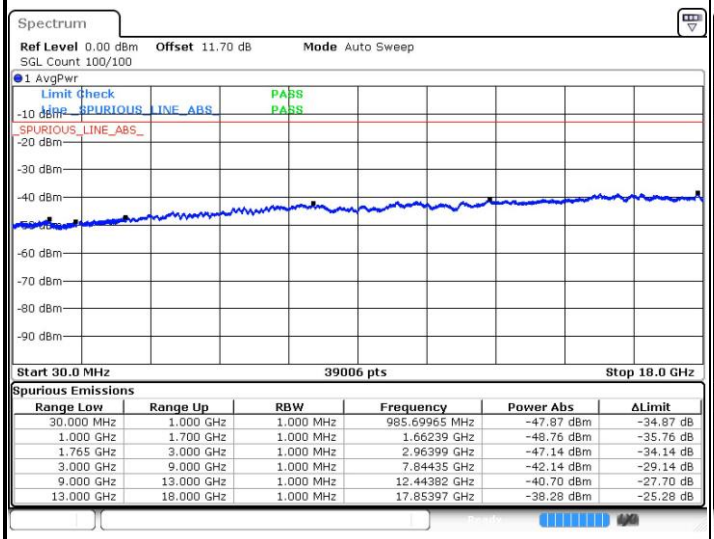
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-48.07 dBm	-35.07 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-47.31 dBm	-34.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98416 GHz	-47.20 dBm	-34.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55887 GHz	-42.10 dBm	-29.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42332 GHz	-40.77 dBm	-27.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83481 GHz	-38.26 dBm	-25.26 dB

Date: 14.OCT.2018 17:33:53

LTE Band 4 / 10MHz

Middle Channel / QPSK

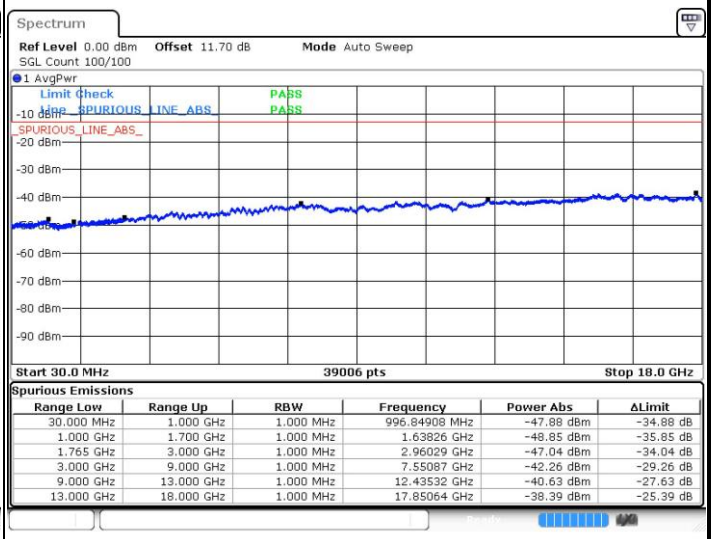


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-47.87 dBm	-34.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66239 GHz	-48.76 dBm	-35.76 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96399 GHz	-47.14 dBm	-34.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84435 GHz	-42.14 dBm	-29.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85397 GHz	-38.28 dBm	-25.28 dB

Date: 14.OCT.2018 17:35:29

Middle Channel / 16QAM

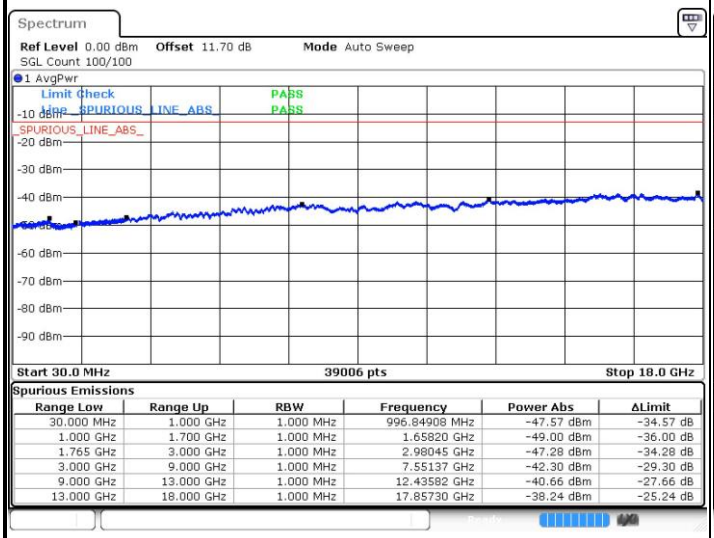


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-48.85 dBm	-35.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96029 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-42.26 dBm	-29.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43532 GHz	-40.63 dBm	-27.63 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85064 GHz	-38.39 dBm	-25.39 dB

Date: 14.OCT.2018 17:36:20

Highest Channel / QPSK

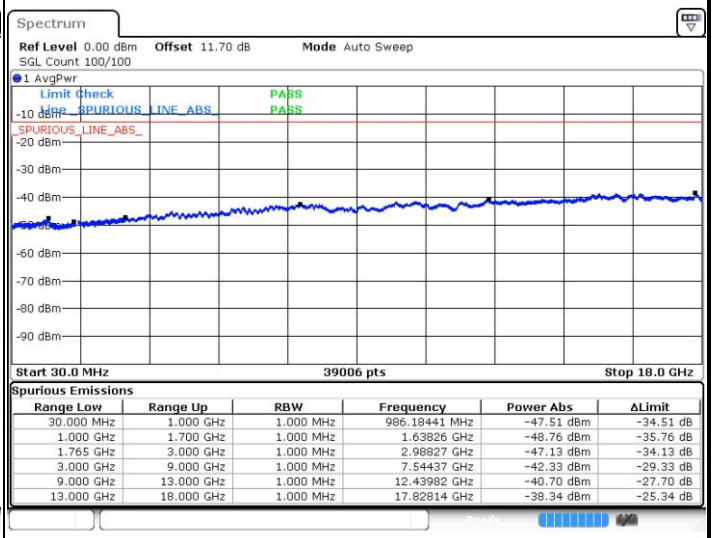


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.57 dBm	-34.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65820 GHz	-49.00 dBm	-36.00 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98045 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55137 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43582 GHz	-40.66 dBm	-27.66 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85730 GHz	-38.24 dBm	-25.24 dB

Date: 14.OCT.2018 17:42:36

Highest Channel / 16QAM



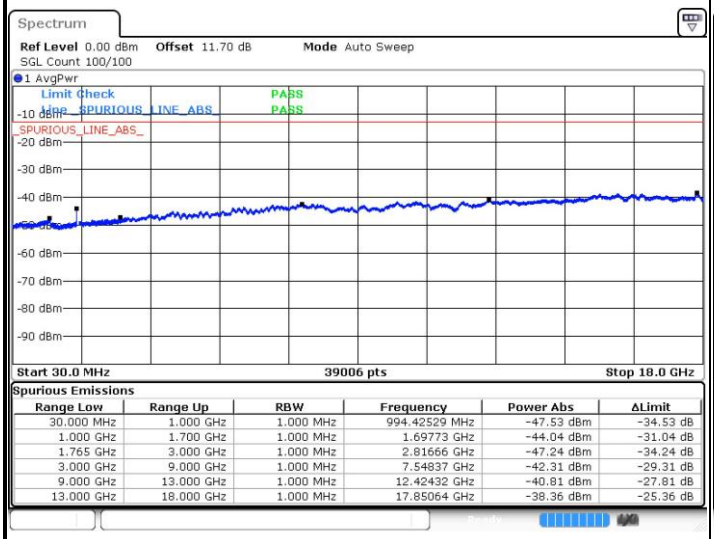
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-47.51 dBm	-34.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-48.76 dBm	-35.76 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-47.13 dBm	-34.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54437 GHz	-42.33 dBm	-29.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43982 GHz	-40.70 dBm	-27.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.82814 GHz	-38.34 dBm	-25.34 dB

Date: 14.OCT.2018 17:43:26

LTE Band 4 / 15MHz

Lowest Channel / QPSK

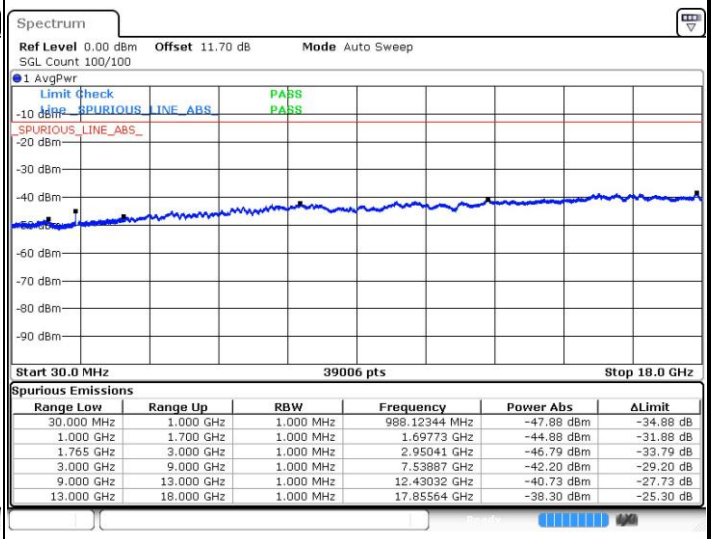


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-47.53 dBm	-34.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-44.04 dBm	-31.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81666 GHz	-47.24 dBm	-34.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54837 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42432 GHz	-40.81 dBm	-27.81 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85064 GHz	-38.36 dBm	-25.36 dB

Date: 14.OCT.2018 17:49:42

Lowest Channel / 16QAM

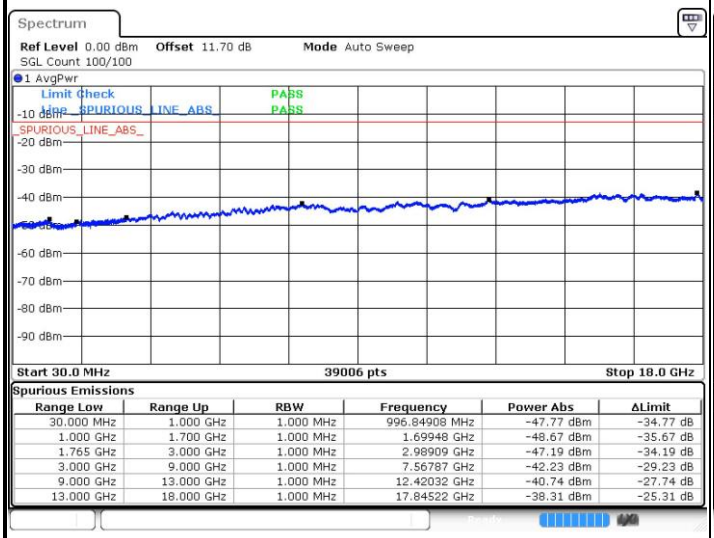


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.88 dBm	-34.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-44.88 dBm	-31.88 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95041 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53887 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43032 GHz	-40.73 dBm	-27.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85564 GHz	-38.30 dBm	-25.30 dB

Date: 14.OCT.2018 17:50:33

Middle Channel / QPSK

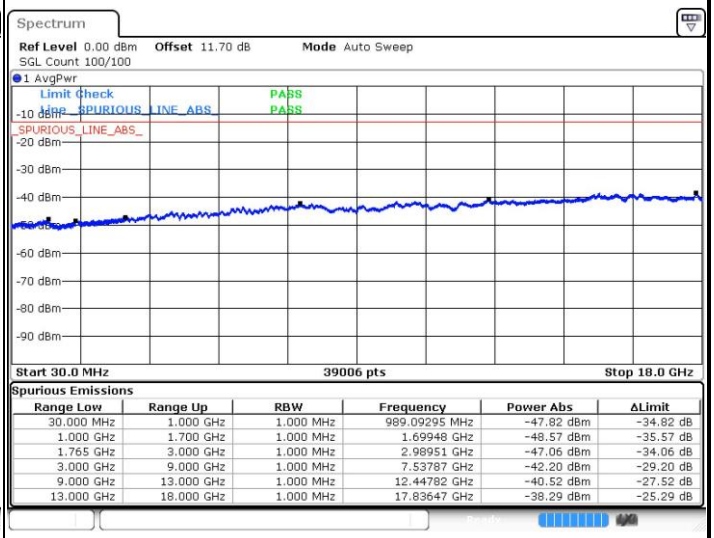


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-48.67 dBm	-35.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98909 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56787 GHz	-42.23 dBm	-29.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42032 GHz	-40.74 dBm	-27.74 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84522 GHz	-38.31 dBm	-25.31 dB

Date: 14.OCT.2018 17:52:09

Middle Channel / 16QAM



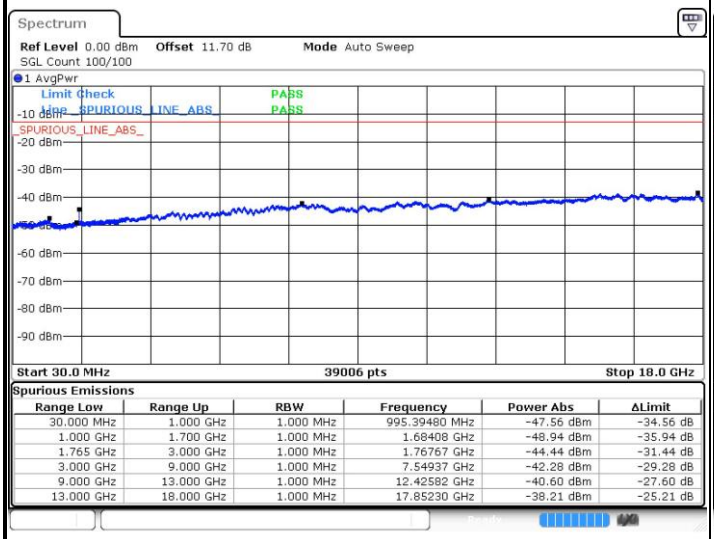
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-47.82 dBm	-34.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-48.57 dBm	-35.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98951 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53787 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44782 GHz	-40.52 dBm	-27.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83647 GHz	-38.29 dBm	-25.29 dB

Date: 14.OCT.2018 17:52:59

LTE Band 4 / 15MHz

Highest Channel / QPSK

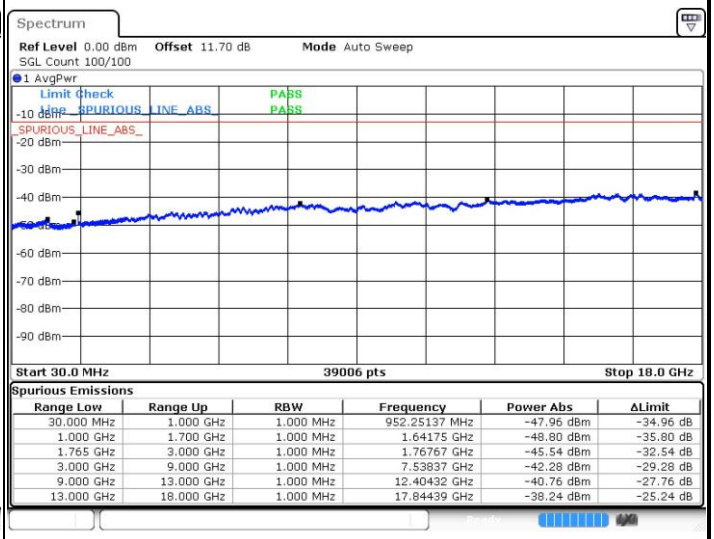


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.39480 MHz	-47.56 dBm	-34.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68408 GHz	-48.94 dBm	-35.94 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-44.44 dBm	-31.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54937 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42582 GHz	-40.60 dBm	-27.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85230 GHz	-38.21 dBm	-25.21 dB

Date: 14.OCT.2018 17:59:15

Highest Channel / 16QAM



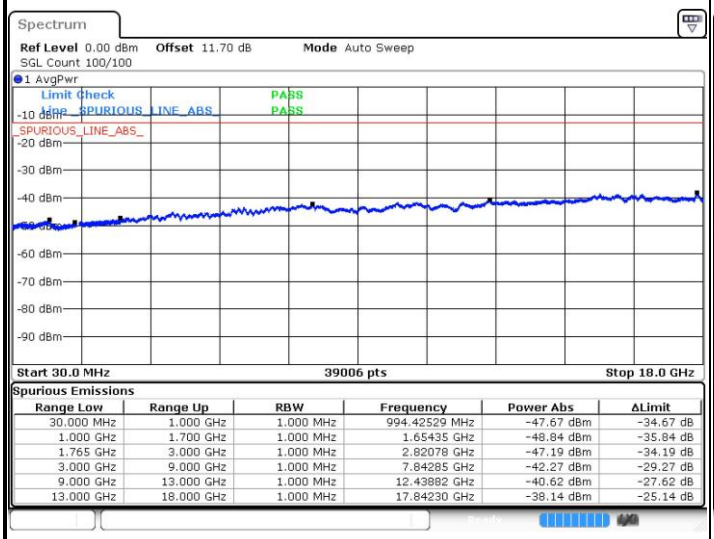
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-47.96 dBm	-34.96 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64175 GHz	-48.80 dBm	-35.80 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-45.54 dBm	-32.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53837 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40432 GHz	-40.76 dBm	-27.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84439 GHz	-38.24 dBm	-25.24 dB

Date: 14.OCT.2018 18:00:05

LTE Band 4 / 20MHz

Lowest Channel / QPSK

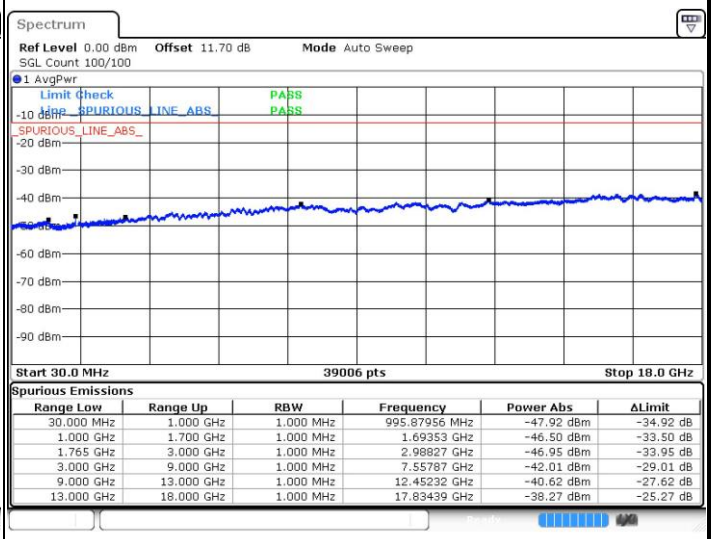


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65435 GHz	-48.84 dBm	-35.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82078 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84285 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-40.62 dBm	-27.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84230 GHz	-38.14 dBm	-25.14 dB

Date: 14.OCT.2018 18:06:22

Lowest Channel / 16QAM



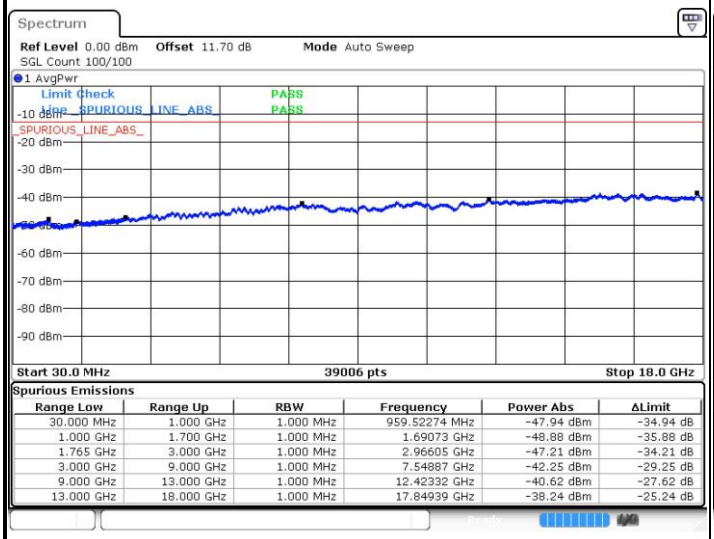
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-47.92 dBm	-34.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-46.50 dBm	-33.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55787 GHz	-42.01 dBm	-29.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45232 GHz	-40.62 dBm	-27.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83439 GHz	-38.27 dBm	-25.27 dB

Date: 14.OCT.2018 19:30:22

LTE Band 4 / 20MHz

Middle Channel / QPSK

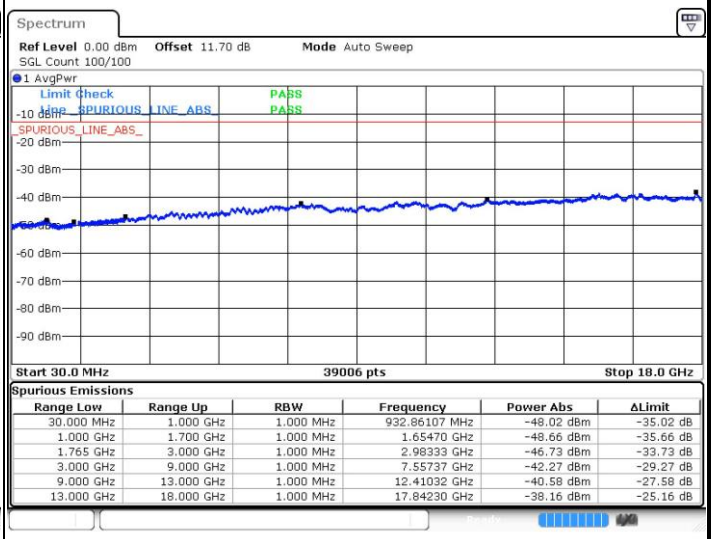


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-47.94 dBm	-34.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69073 GHz	-48.88 dBm	-35.88 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96605 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54887 GHz	-42.25 dBm	-29.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42332 GHz	-40.62 dBm	-27.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84939 GHz	-38.24 dBm	-25.24 dB

Date: 14.OCT.2018 19:31:58

Middle Channel / 16QAM

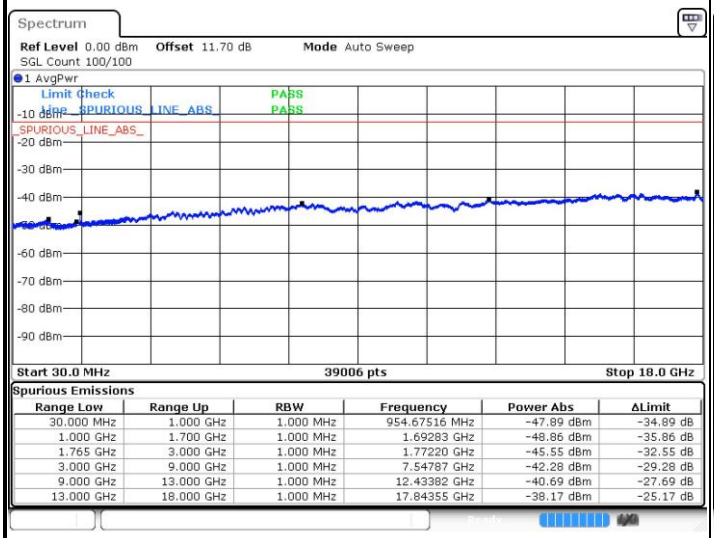


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-48.02 dBm	-35.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65470 GHz	-48.66 dBm	-35.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98333 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55737 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41032 GHz	-40.58 dBm	-27.58 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84230 GHz	-38.16 dBm	-25.16 dB

Date: 14.OCT.2018 19:32:48

Highest Channel / QPSK

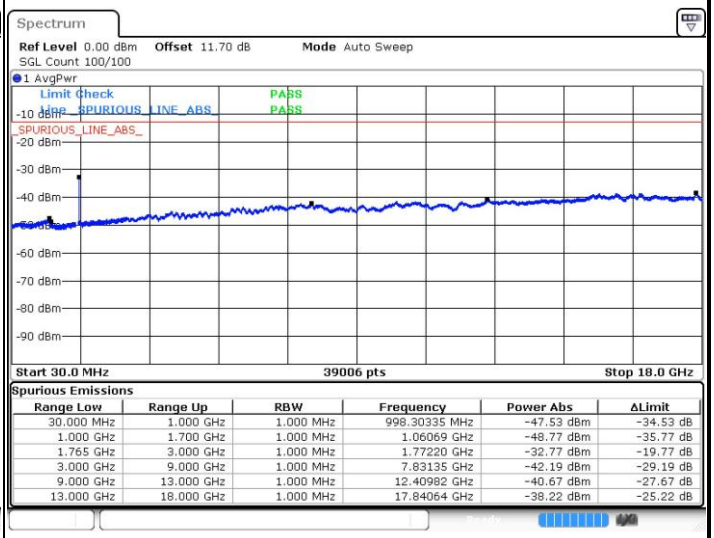


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-47.89 dBm	-34.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-48.86 dBm	-35.86 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54787 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43382 GHz	-40.69 dBm	-27.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-38.17 dBm	-25.17 dB

Date: 14.OCT.2018 19:39:05

Highest Channel / 16QAM



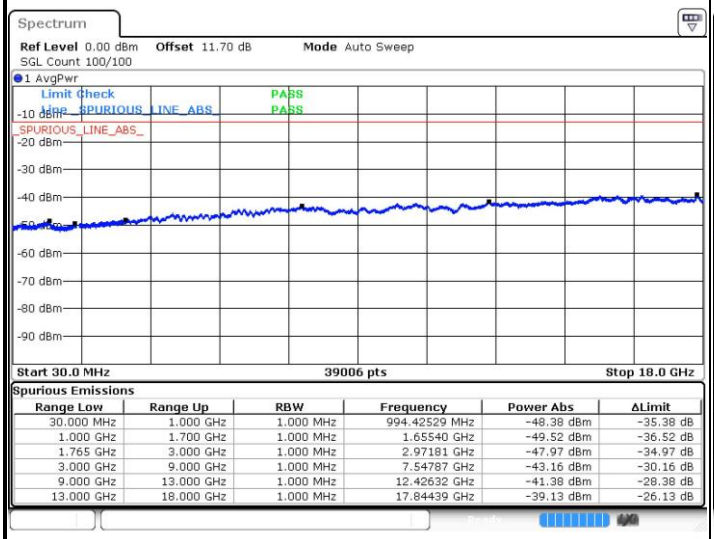
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-47.53 dBm	-34.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.06069 GHz	-48.77 dBm	-35.77 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-32.77 dBm	-19.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83135 GHz	-42.19 dBm	-29.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40982 GHz	-40.67 dBm	-27.67 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84064 GHz	-38.22 dBm	-25.22 dB

Date: 14.OCT.2018 19:39:56

LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

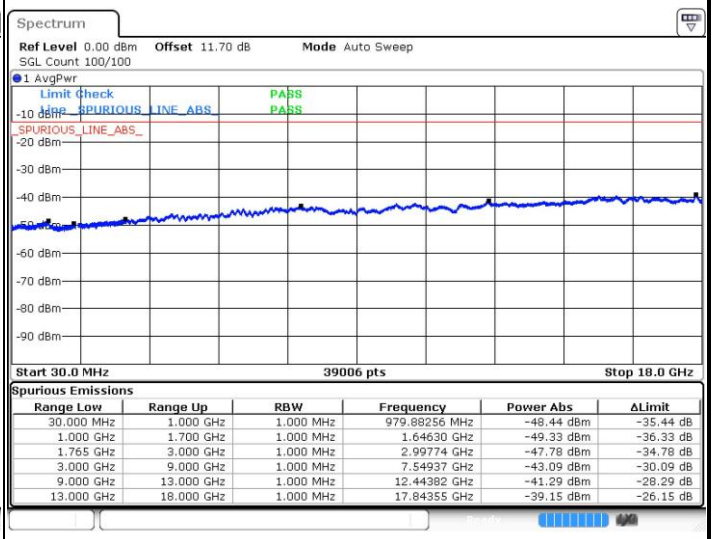


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-48.38 dBm	-35.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-49.52 dBm	-36.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97181 GHz	-47.97 dBm	-34.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54787 GHz	-43.16 dBm	-30.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42632 GHz	-41.38 dBm	-28.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84439 GHz	-39.13 dBm	-26.13 dB

Date: 18.OCT.2018 18:46:15

Middle Channel / 64QAM

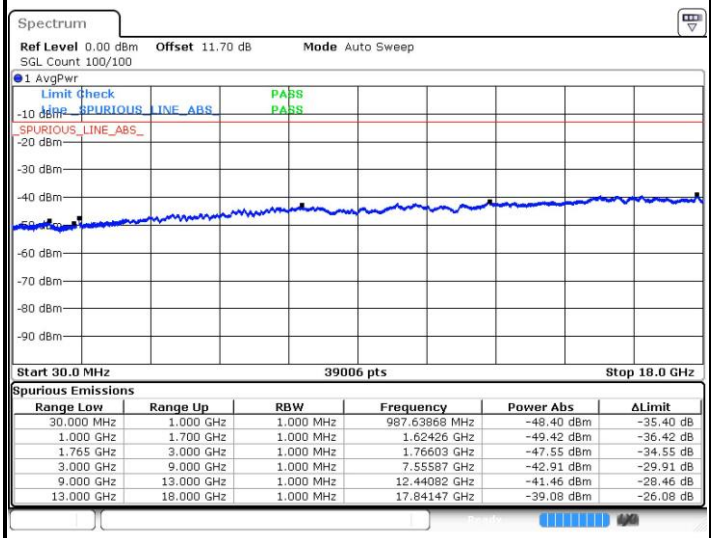


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-48.44 dBm	-35.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64630 GHz	-49.33 dBm	-36.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99774 GHz	-47.78 dBm	-34.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54937 GHz	-43.09 dBm	-30.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-41.29 dBm	-28.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-39.15 dBm	-26.15 dB

Date: 18.OCT.2018 18:47:19

Highest Channel / 64QAM



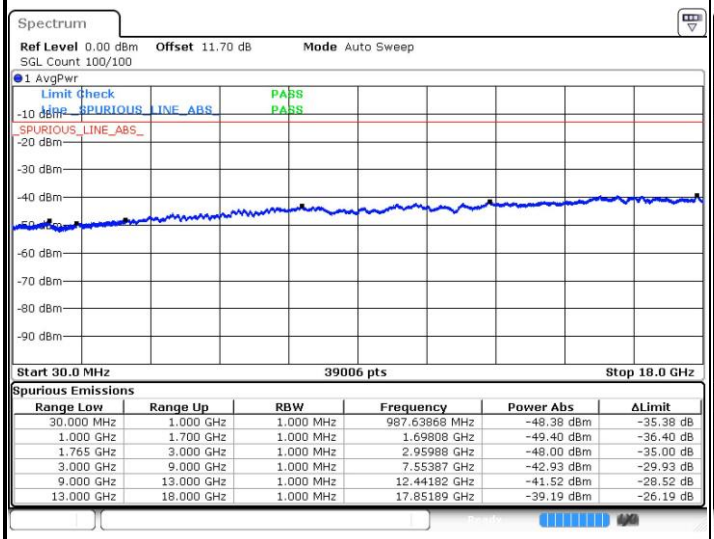
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-48.40 dBm	-35.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62426 GHz	-49.42 dBm	-36.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76603 GHz	-47.55 dBm	-34.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55587 GHz	-42.91 dBm	-29.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44082 GHz	-41.46 dBm	-28.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84147 GHz	-39.08 dBm	-26.08 dB

Date: 18.OCT.2018 18:50:42

LTE Band 4 / 3MHz

Lowest Channel / 64QAM

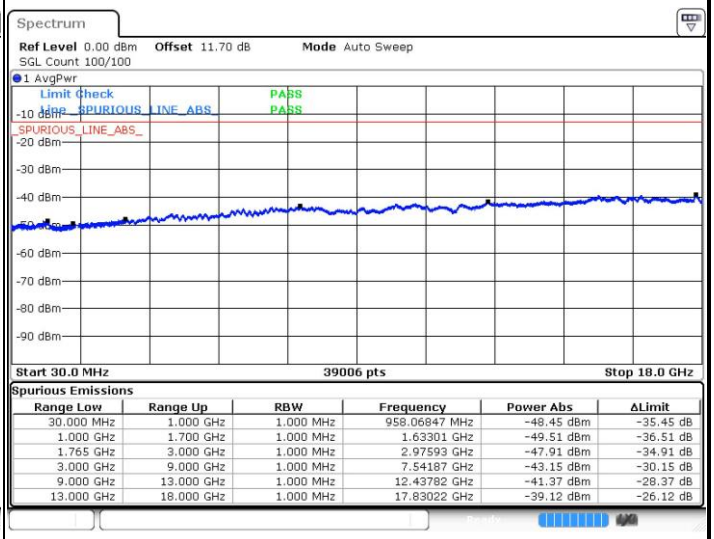


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-48.38 dBm	-35.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-49.40 dBm	-36.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95988 GHz	-48.00 dBm	-35.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55387 GHz	-42.93 dBm	-29.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44182 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85189 GHz	-39.19 dBm	-26.19 dB

Date: 18.OCT.2018 18:06:50

Middle Channel / 64QAM

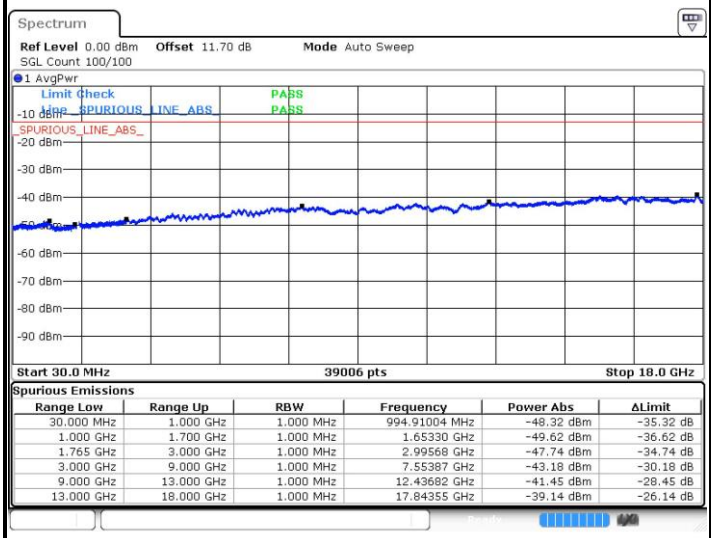


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-48.45 dBm	-35.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63301 GHz	-49.51 dBm	-36.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54187 GHz	-43.15 dBm	-30.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43782 GHz	-41.37 dBm	-28.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83022 GHz	-39.12 dBm	-26.12 dB

Date: 18.OCT.2018 18:07:54

Highest Channel / 64QAM



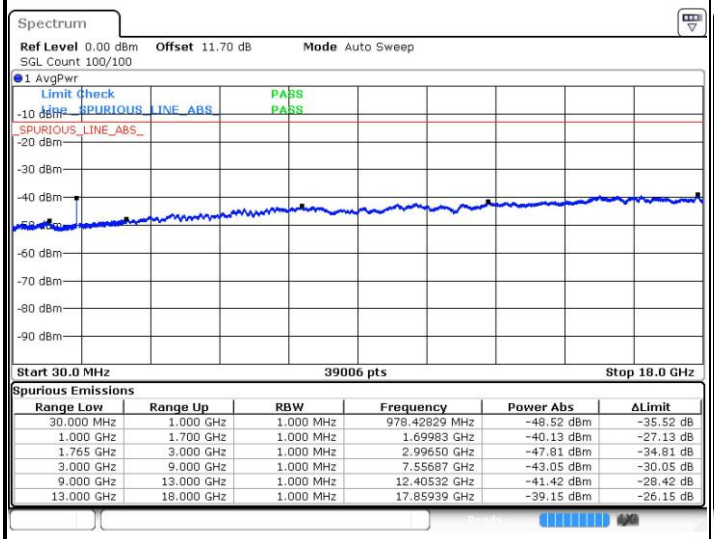
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-48.32 dBm	-35.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65330 GHz	-49.62 dBm	-36.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-47.74 dBm	-34.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55387 GHz	-43.18 dBm	-30.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43682 GHz	-41.45 dBm	-28.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-39.14 dBm	-26.14 dB

Date: 18.OCT.2018 18:10:38

LTE Band 4 / 5MHz

Lowest Channel / 64QAM

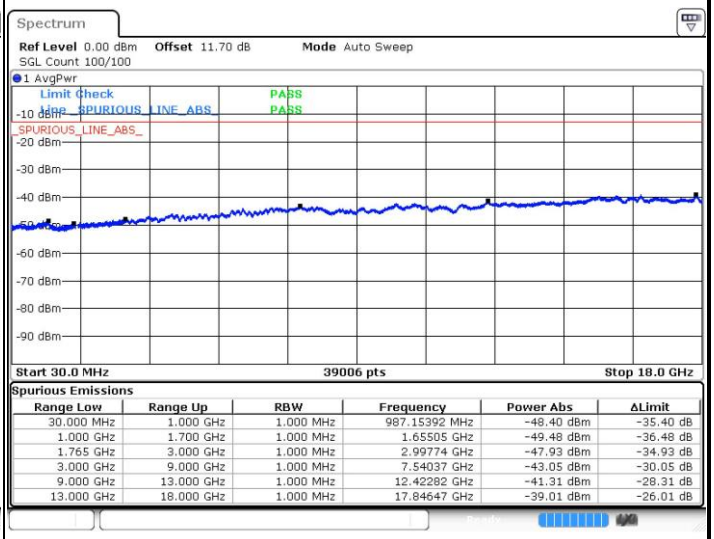


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-48.52 dBm	-35.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-40.13 dBm	-27.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99650 GHz	-47.81 dBm	-34.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55687 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40532 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85939 GHz	-39.15 dBm	-26.15 dB

Date: 18.OCT.2018 18:27:30

Middle Channel / 64QAM

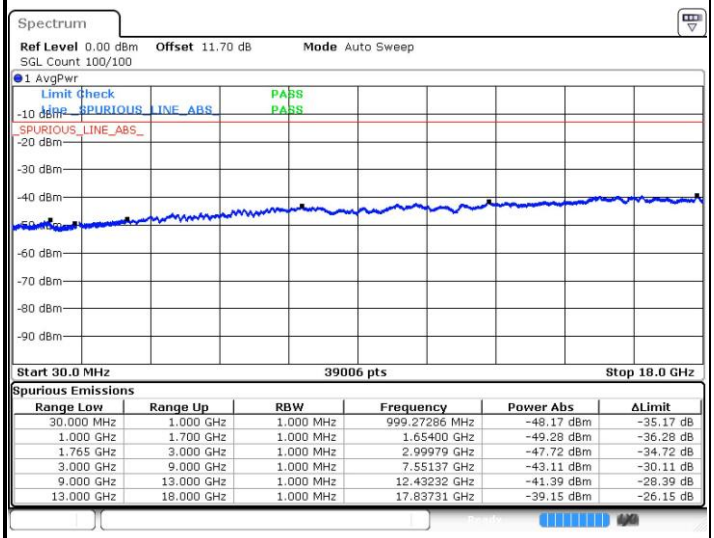


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-48.40 dBm	-35.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65505 GHz	-49.48 dBm	-36.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99774 GHz	-47.93 dBm	-34.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54037 GHz	-43.05 dBm	-30.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42282 GHz	-41.31 dBm	-28.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84647 GHz	-39.01 dBm	-26.01 dB

Date: 18.OCT.2018 18:56:22

Highest Channel / 64QAM



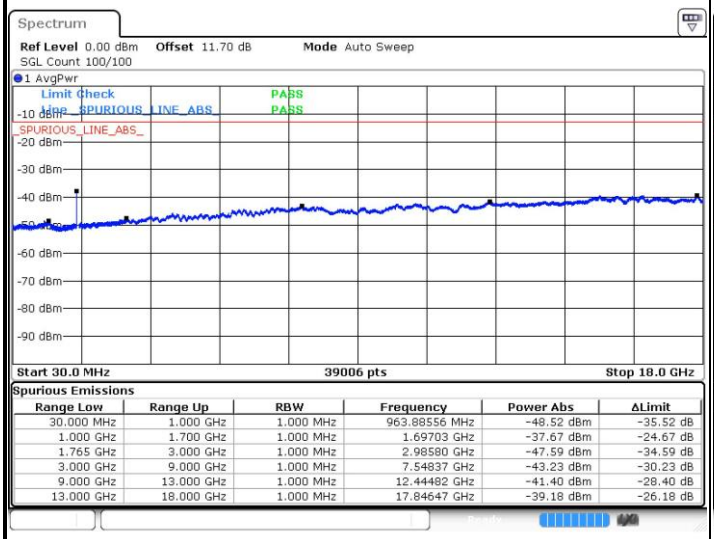
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-48.17 dBm	-35.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65400 GHz	-49.28 dBm	-36.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99979 GHz	-47.72 dBm	-34.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55137 GHz	-43.11 dBm	-30.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43232 GHz	-41.39 dBm	-28.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83731 GHz	-39.15 dBm	-26.15 dB

Date: 18.OCT.2018 18:59:46

LTE Band 4 / 10MHz

Lowest Channel / 64QAM

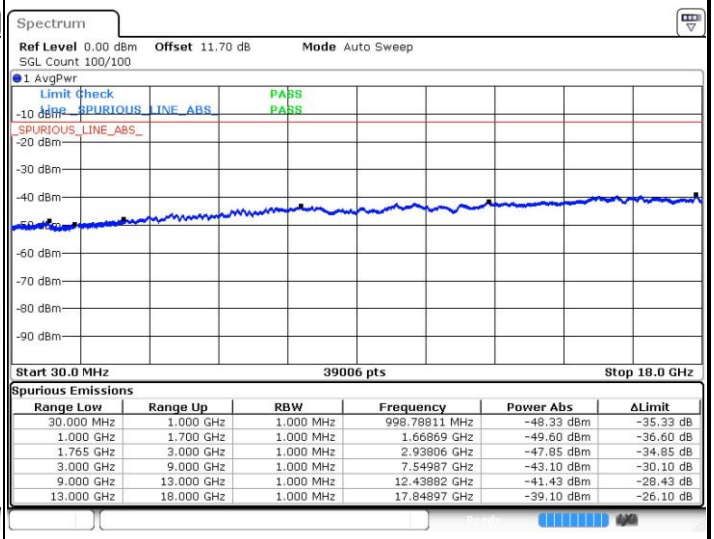


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-48.52 dBm	-35.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-37.67 dBm	-24.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98580 GHz	-47.59 dBm	-34.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54837 GHz	-43.23 dBm	-30.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44482 GHz	-41.40 dBm	-28.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84647 GHz	-39.18 dBm	-26.18 dB

Date: 18.OCT.2018 19:03:09

Middle Channel / 64QAM

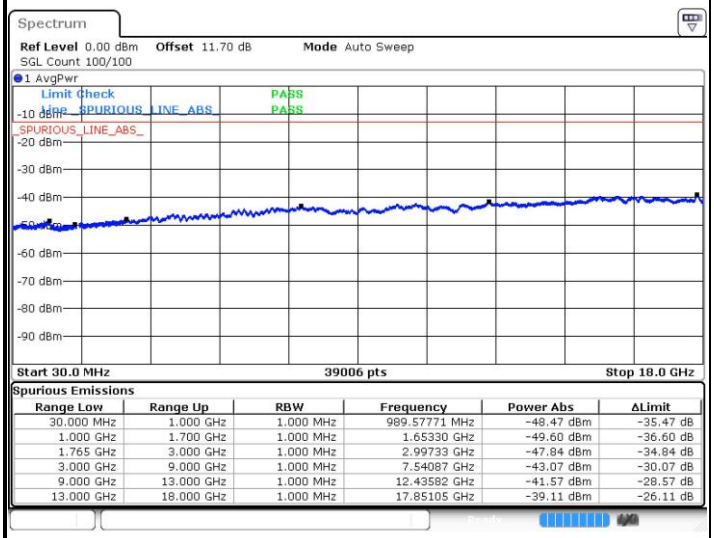


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-48.33 dBm	-35.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66869 GHz	-49.60 dBm	-36.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.93806 GHz	-47.85 dBm	-34.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54987 GHz	-43.10 dBm	-30.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84897 GHz	-39.10 dBm	-26.10 dB

Date: 18.OCT.2018 19:04:13

Highest Channel / 64QAM



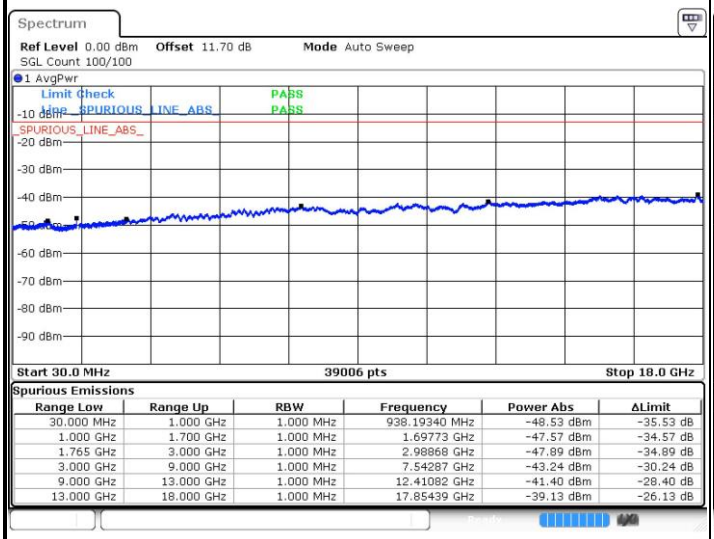
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-48.47 dBm	-35.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65330 GHz	-49.60 dBm	-36.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99733 GHz	-47.84 dBm	-34.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54087 GHz	-43.07 dBm	-30.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43582 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85105 GHz	-39.11 dBm	-26.11 dB

Date: 18.OCT.2018 19:07:36

LTE Band 4 / 15MHz

Lowest Channel / 64QAM

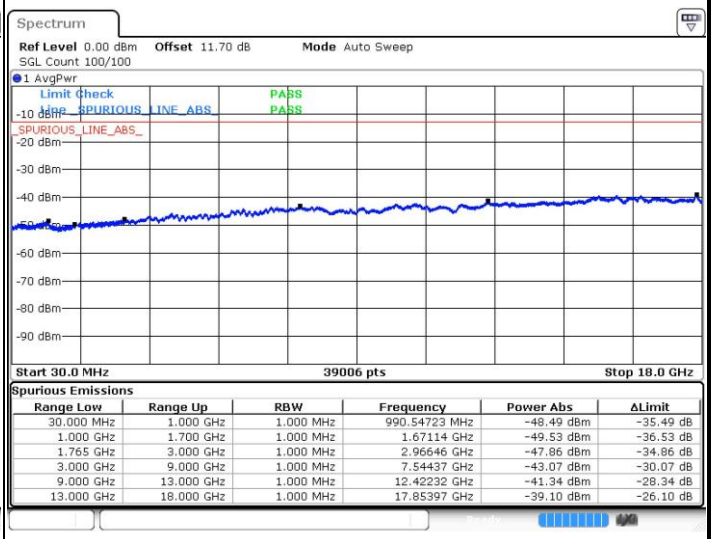


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-48.53 dBm	-35.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-47.57 dBm	-34.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98868 GHz	-47.89 dBm	-34.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54287 GHz	-43.24 dBm	-30.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41082 GHz	-41.40 dBm	-28.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85439 GHz	-39.13 dBm	-26.13 dB

Date: 18.OCT.2018 19:11:00

Middle Channel / 64QAM

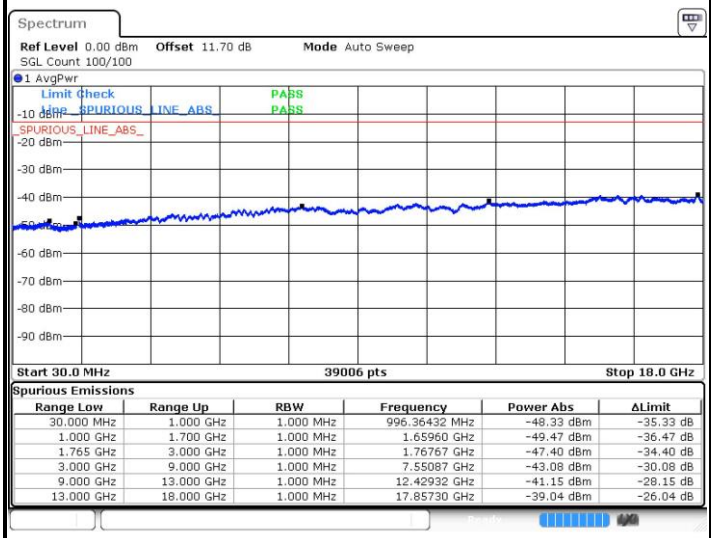


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-48.49 dBm	-35.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67114 GHz	-49.53 dBm	-36.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96646 GHz	-47.86 dBm	-34.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54437 GHz	-43.07 dBm	-30.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42232 GHz	-41.34 dBm	-28.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85397 GHz	-39.10 dBm	-26.10 dB

Date: 18.OCT.2018 19:12:04

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-48.33 dBm	-35.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65960 GHz	-49.47 dBm	-36.47 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-43.08 dBm	-30.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42932 GHz	-41.15 dBm	-28.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85730 GHz	-39.04 dBm	-26.04 dB

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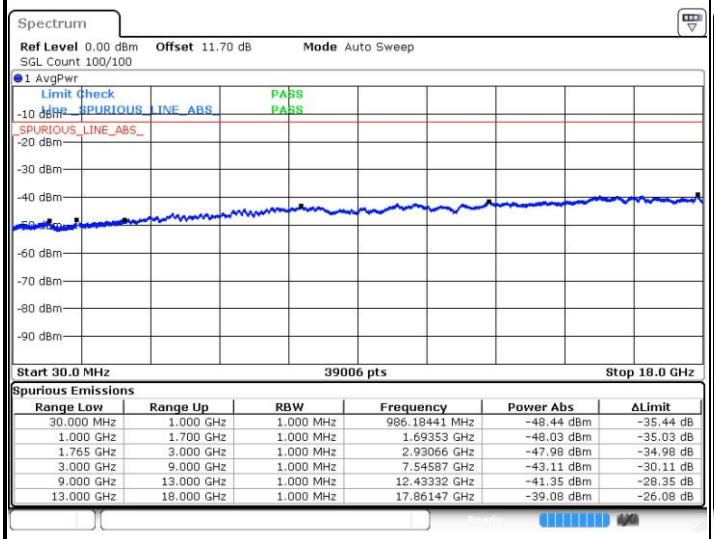
LTE Band 4 / 20MHz

Lowest Channel / 64QAM

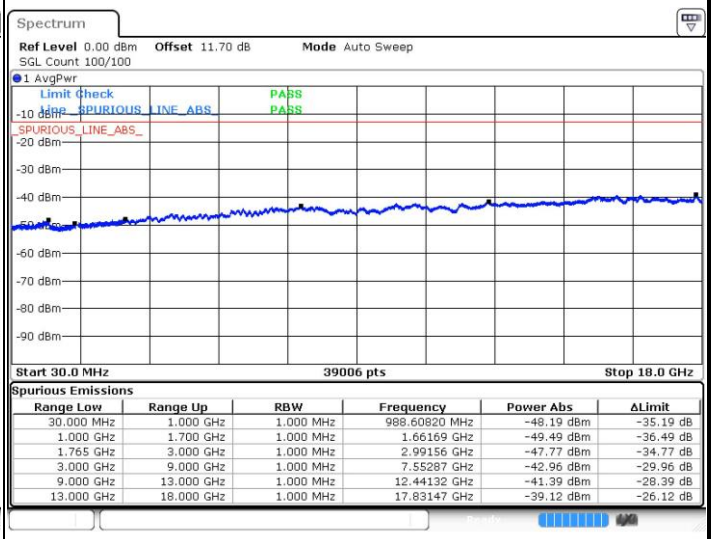


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-48.44 dBm	-35.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-48.03 dBm	-35.03 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.93066 GHz	-47.98 dBm	-34.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54587 GHz	-43.11 dBm	-30.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43332 GHz	-41.35 dBm	-28.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.86147 GHz	-39.08 dBm	-26.08 dB

Date: 18.OCT.2018 19:18:52

Middle 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	-48.19 dBm	-35.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66169 GHz	-49.49 dBm	-36.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99156 GHz	-47.77 dBm	-34.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55287 GHz	-42.96 dBm	-29.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44132 GHz	-41.39 dBm	-28.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83147 GHz	-39.12 dBm	-26.12 dB

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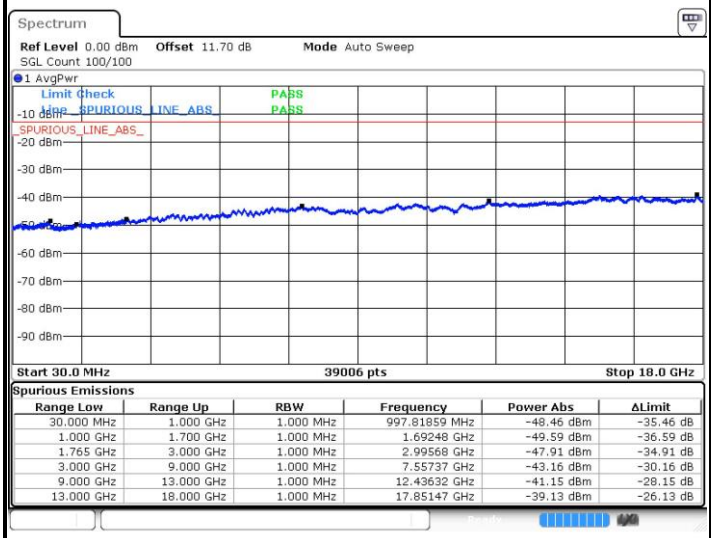
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-48.46 dBm	-35.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69248 GHz	-49.59 dBm	-36.59 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99568 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55737 GHz	-43.16 dBm	-30.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43632 GHz	-41.15 dBm	-28.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85147 GHz	-39.13 dBm	-26.13 dB

Date: 18.OCT.2018 19:23:19

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	0.0024	PASS
40	Normal Voltage	0.0097	
30	Normal Voltage	0.0078	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0041	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0082	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

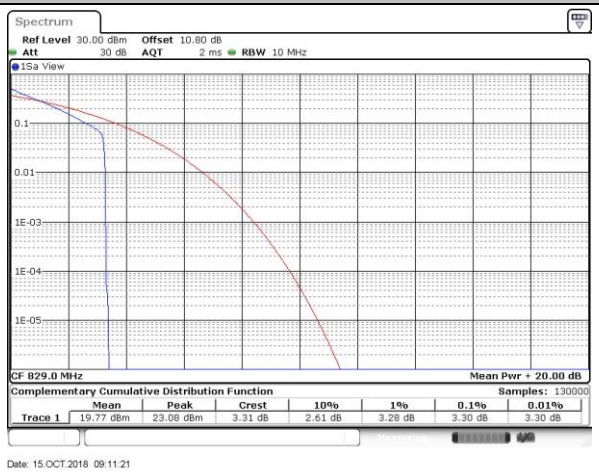
LTE Band 5

Peak-to-Average Ratio

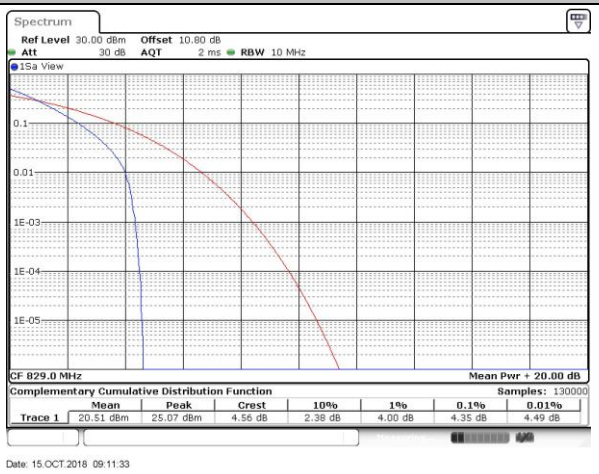
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.3	4.35	4.26	5.39	PASS
Middle CH	3.33	4.23	4.14	5.36	
Highest CH	3.25	4.46	4.35	5.45	
Mode	LTE Band 5 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.30	6.09	-	-	PASS
Middle CH	4.81	6.00	-	-	
Highest CH	4.99	6.00	-	-	

LTE Band 5 / 10MHz / QPSK

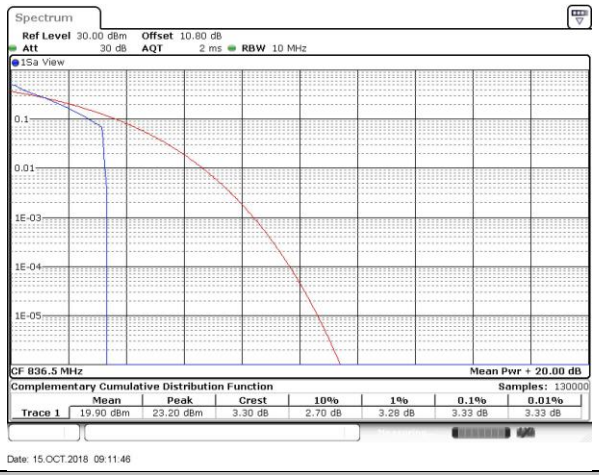
Lowest Channel / 1RB



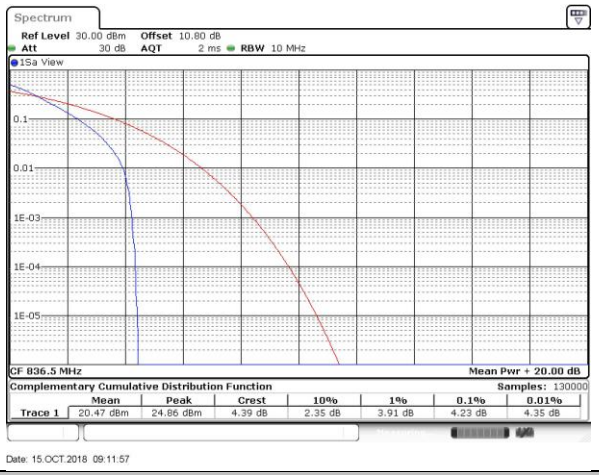
Lowest Channel / Full RB



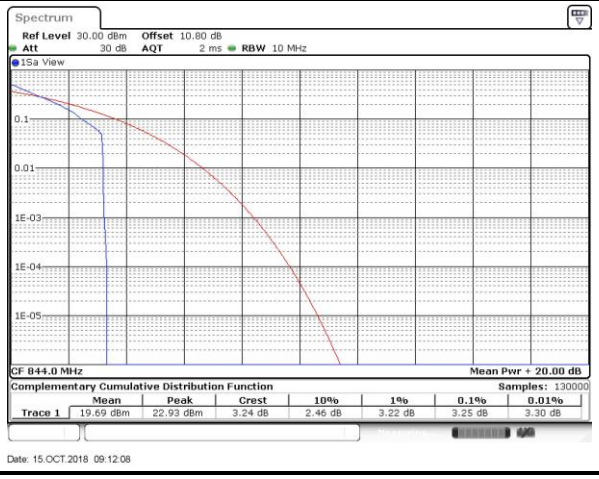
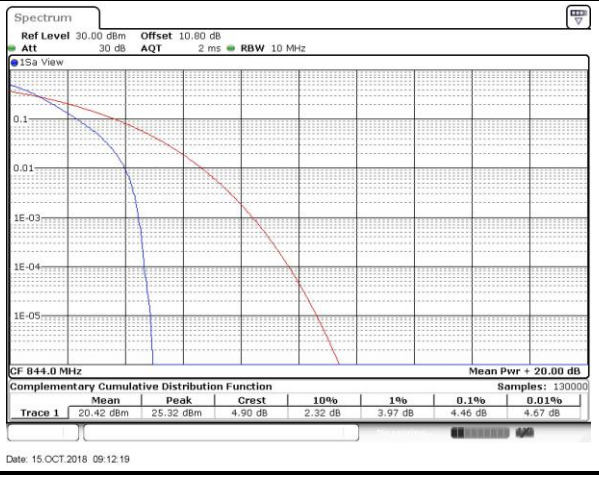
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB