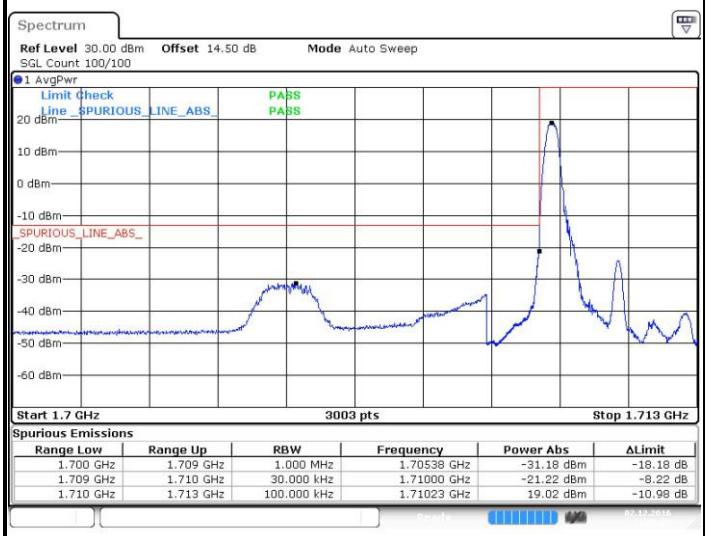
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

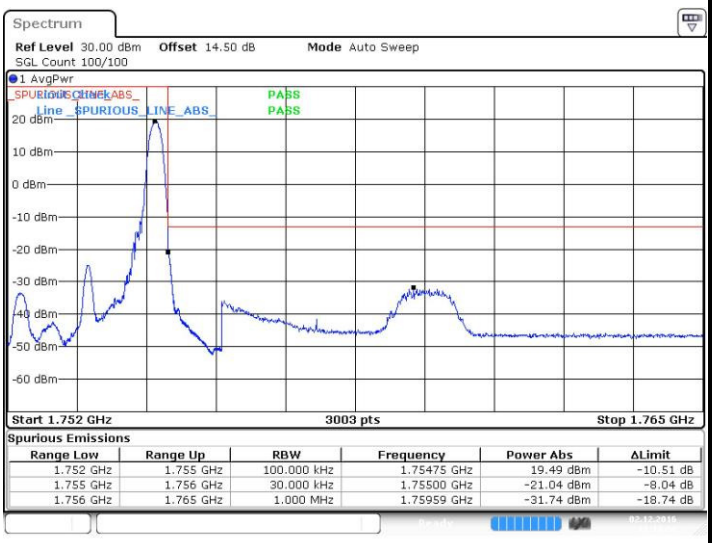


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70538 GHz	-31.18 dBm	-18.18 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-21.22 dBm	-8.22 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71023 GHz	19.02 dBm	-10.98 dB

Date: 2.DEC.2016 11:05:27

Highest Band Edge / 1 RB

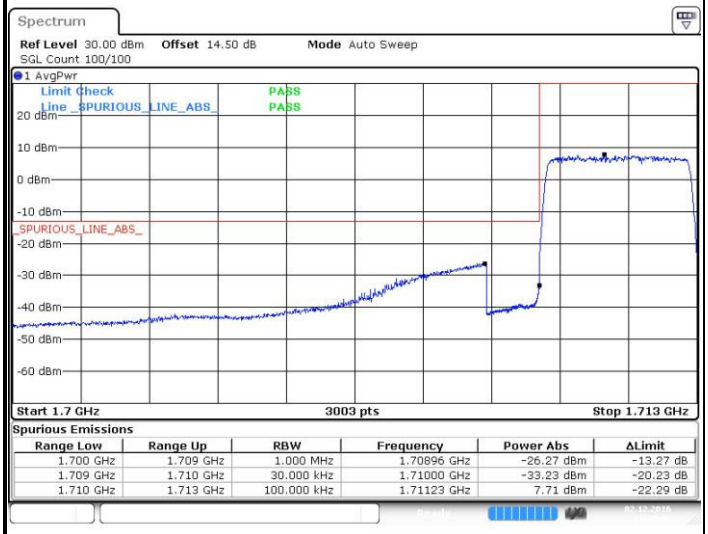


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	19.49 dBm	-10.51 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-21.04 dBm	-8.04 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75959 GHz	-31.74 dBm	-18.74 dB

Date: 2.DEC.2016 11:14:56

Lowest Band Edge / Full RB

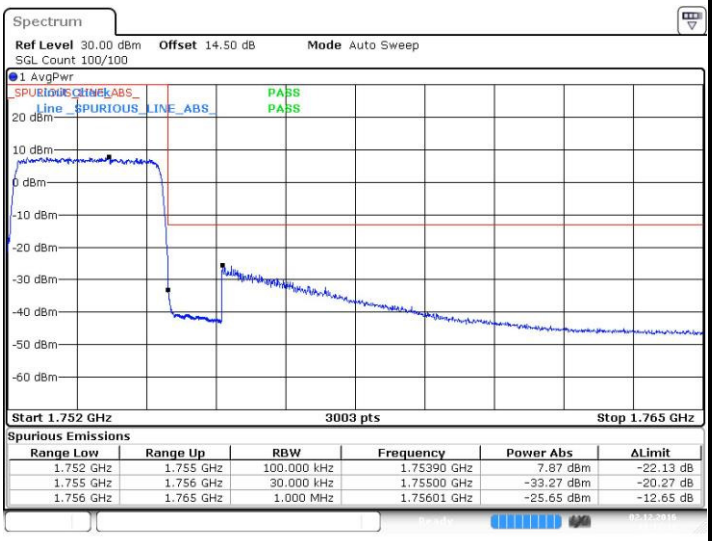


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-26.27 dBm	-13.27 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-33.23 dBm	-20.23 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71123 GHz	7.71 dBm	-22.29 dB

Date: 2.DEC.2016 11:07:44

Highest Band Edge / Full RB



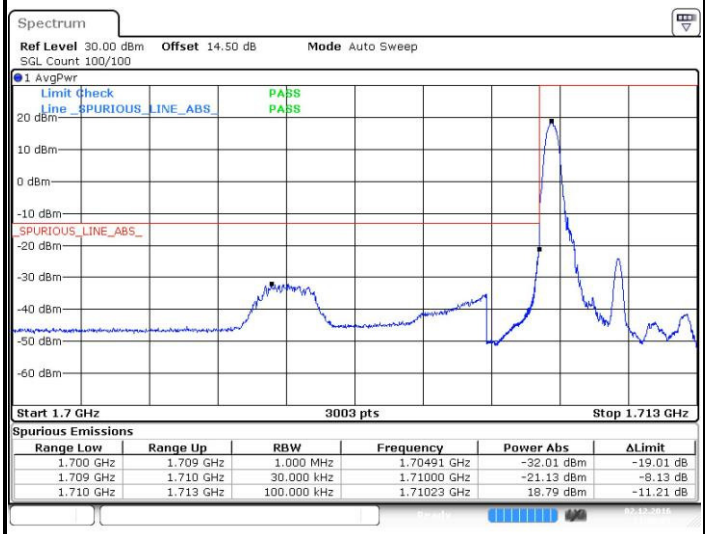
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75390 GHz	7.87 dBm	-22.13 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-33.27 dBm	-20.27 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-25.65 dBm	-12.65 dB

Date: 2.DEC.2016 11:17:12

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

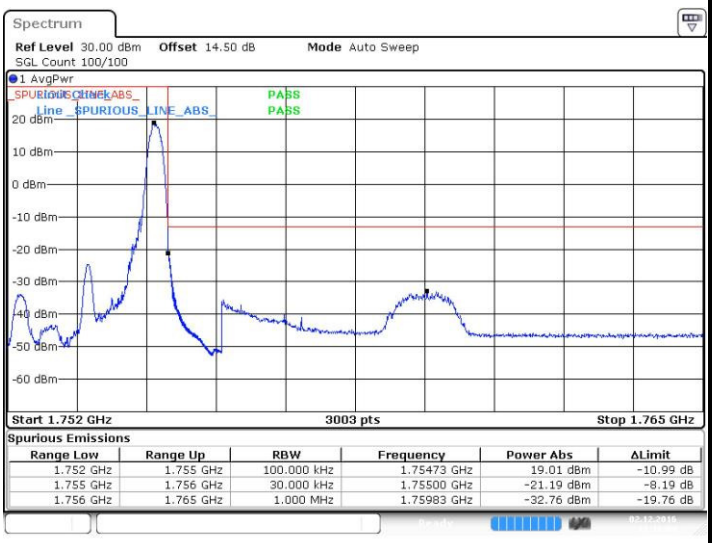


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70491 GHz	-32.01 dBm	-19.01 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-21.13 dBm	-8.13 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71023 GHz	18.79 dBm	-11.21 dB

Date: 2.DEC.2016 11:06:35

Highest Band Edge /1 RB

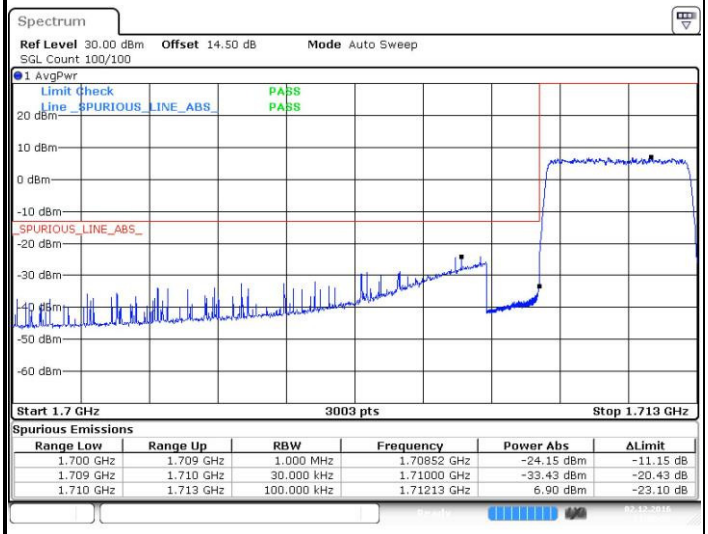


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75473 GHz	19.01 dBm	-10.99 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-21.19 dBm	-8.19 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75983 GHz	-32.76 dBm	-19.76 dB

Date: 2.DEC.2016 11:16:04

Lowest Band Edge / Full RB

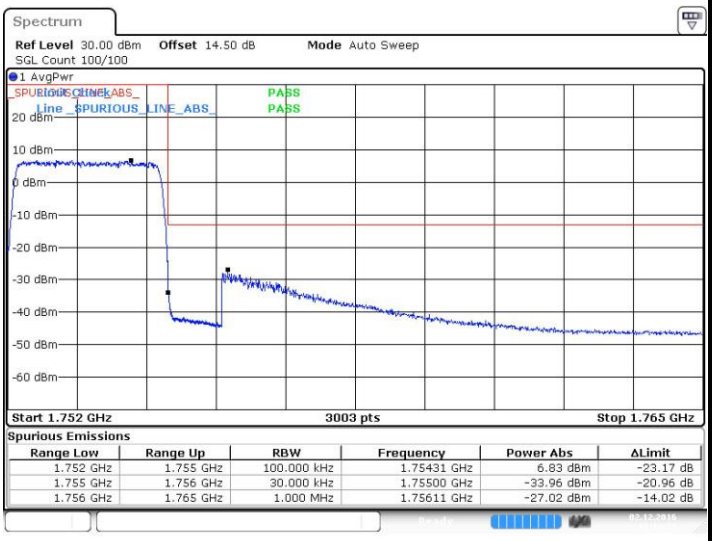


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70852 GHz	-24.15 dBm	-11.15 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-33.43 dBm	-20.43 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71213 GHz	6.90 dBm	-23.10 dB

Date: 2.DEC.2016 11:08:52

Highest Band Edge / Full RB



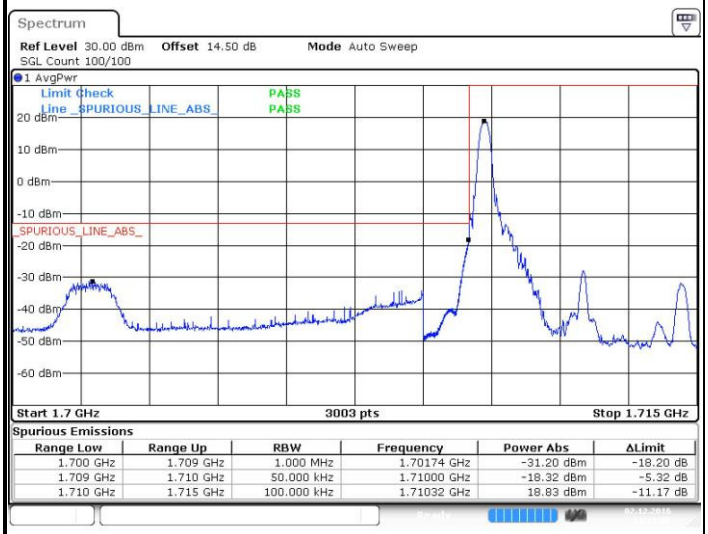
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75431 GHz	6.83 dBm	-23.17 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-33.96 dBm	-20.96 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75611 GHz	-27.02 dBm	-14.02 dB

Date: 2.DEC.2016 11:18:21

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

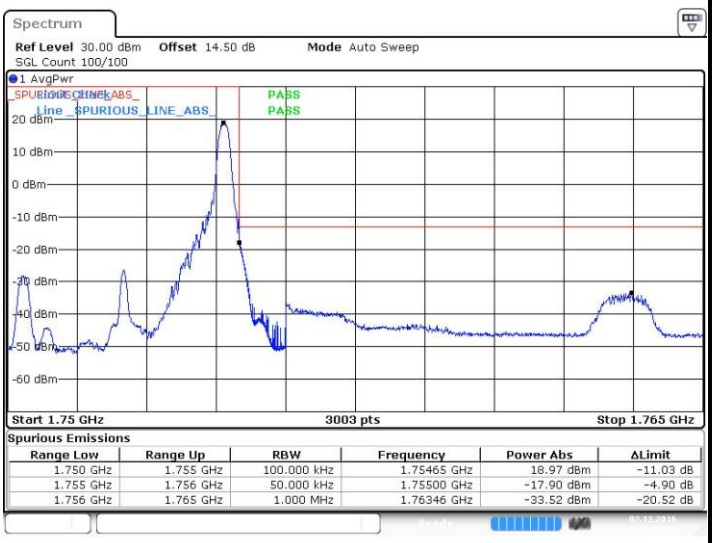


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70174 GHz	-31.20 dBm	-18.20 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-18.32 dBm	-5.32 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71032 GHz	18.83 dBm	-11.17 dB

Date: 2.DEC.2016 11:21:57

Highest Band Edge / 1 RB

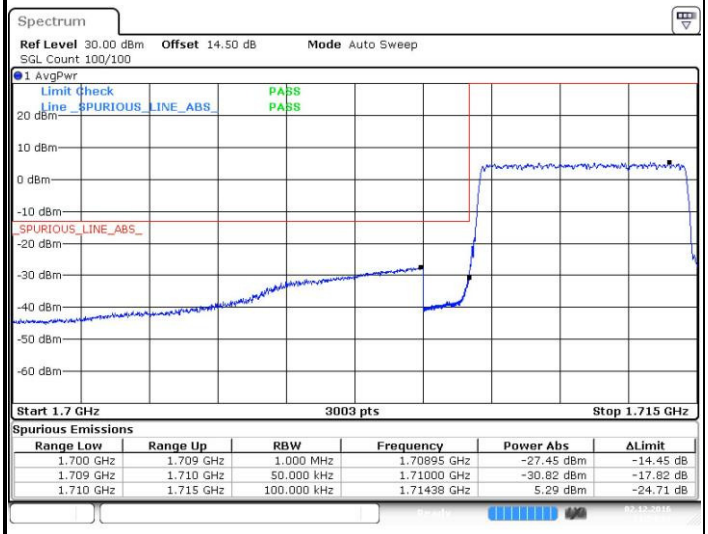


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75465 GHz	18.97 dBm	-11.03 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-17.90 dBm	-4.90 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76346 GHz	-33.52 dBm	-20.52 dB

Date: 2.DEC.2016 11:31:26

Lowest Band Edge / Full RB

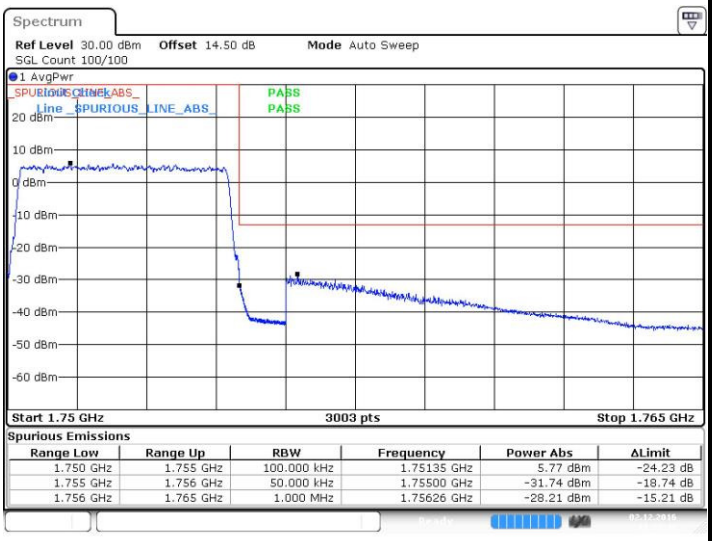


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-27.45 dBm	-14.45 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-30.82 dBm	-17.82 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71438 GHz	5.29 dBm	-24.71 dB

Date: 2.DEC.2016 11:24:13

Highest Band Edge / Full RB



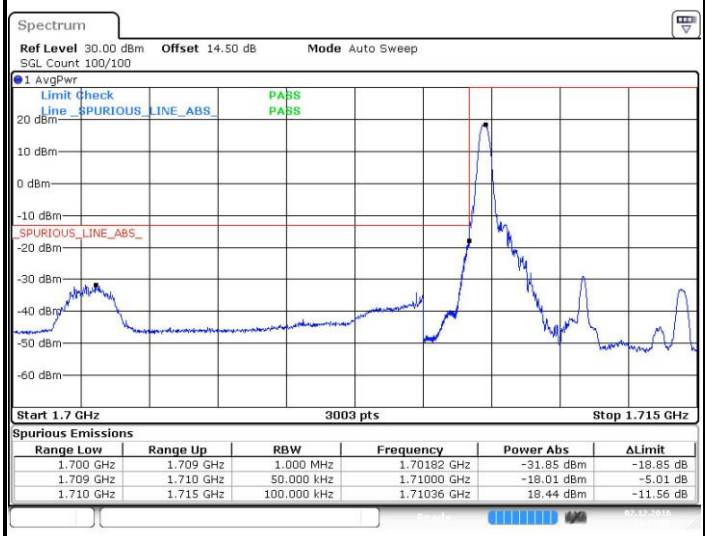
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75135 GHz	5.77 dBm	-24.23 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-31.74 dBm	-18.74 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75626 GHz	-28.21 dBm	-15.21 dB

Date: 2.DEC.2016 11:33:43

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

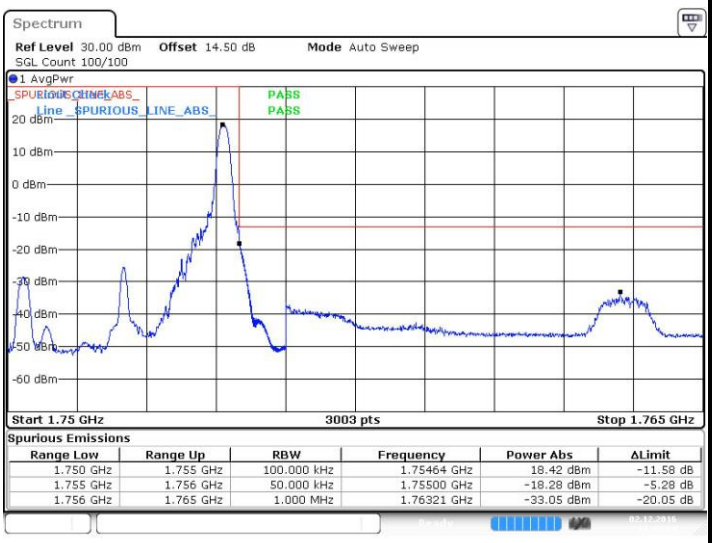


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70182 GHz	-31.85 dBm	-18.85 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-18.01 dBm	-5.01 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71036 GHz	18.44 dBm	-11.56 dB

Date: 2.DEC.2016 11:23:05

Highest Band Edge / 1 RB

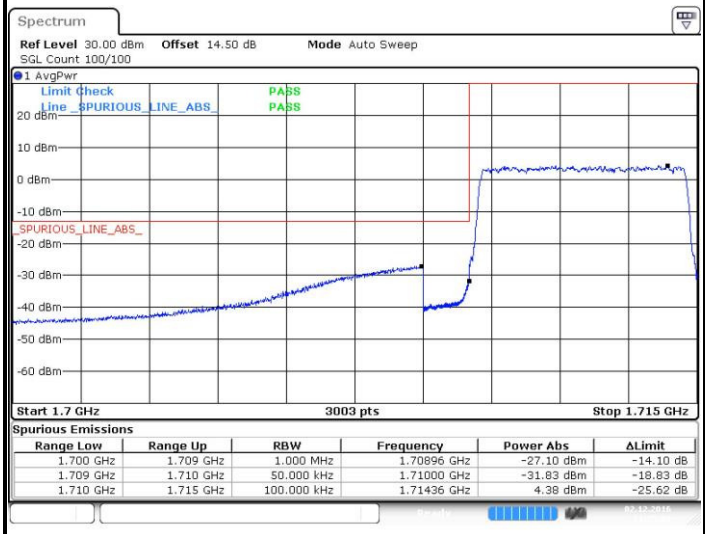


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75464 GHz	18.42 dBm	-11.58 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-18.28 dBm	-5.28 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76321 GHz	-33.05 dBm	-20.05 dB

Date: 2.DEC.2016 11:32:35

Lowest Band Edge / Full RB

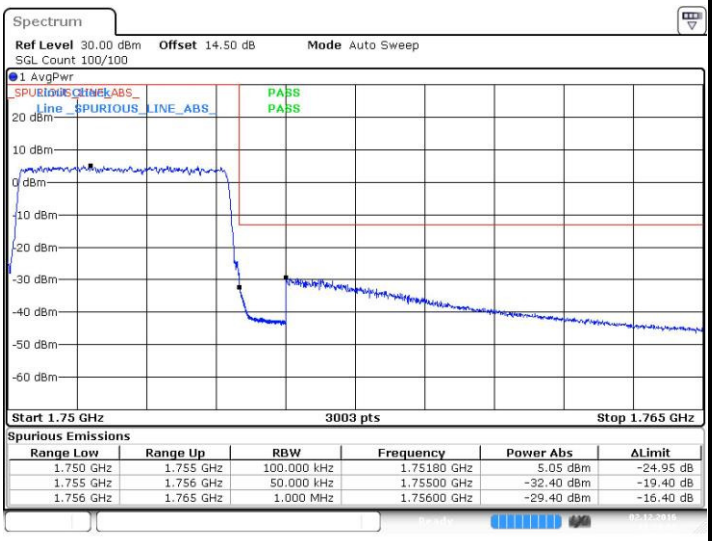


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-27.10 dBm	-14.10 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-31.83 dBm	-18.83 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71436 GHz	4.38 dBm	-25.62 dB

Date: 2.DEC.2016 11:25:21

Highest Band Edge / Full RB



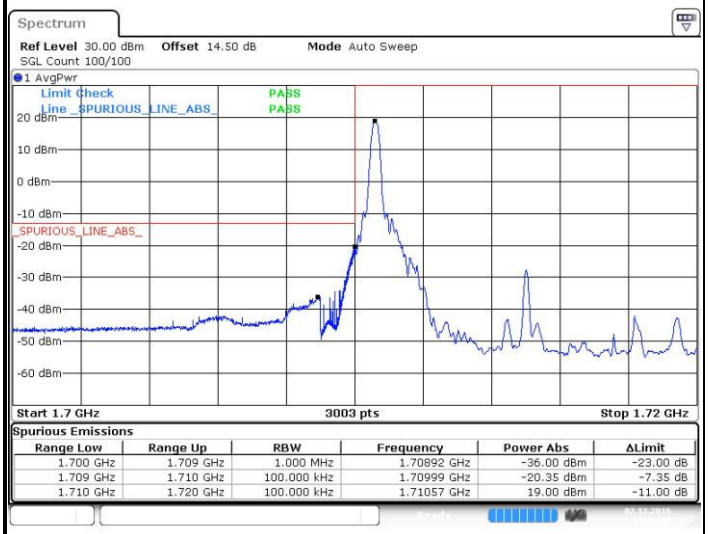
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75180 GHz	5.05 dBm	-24.95 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-32.40 dBm	-19.40 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-29.40 dBm	-16.40 dB

Date: 2.DEC.2016 11:34:51

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

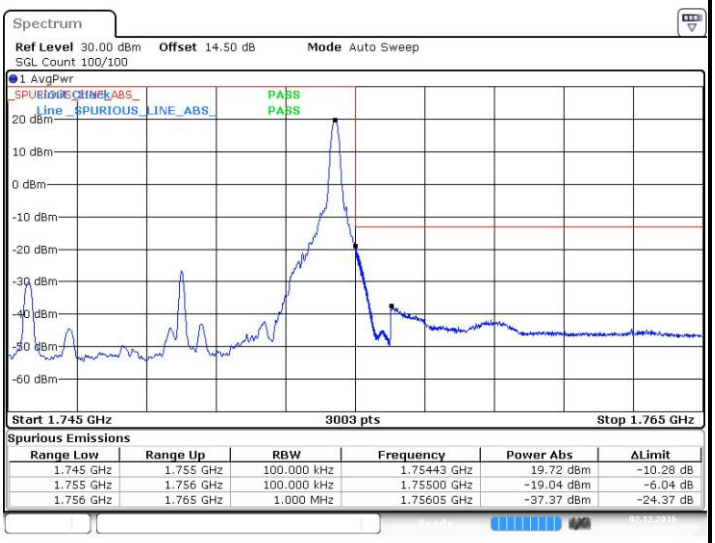


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-36.00 dBm	-23.00 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-20.35 dBm	-7.35 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71057 GHz	19.00 dBm	-11.00 dB

Date: 2.DEC.2016 11:38:27

Highest Band Edge / 1 RB

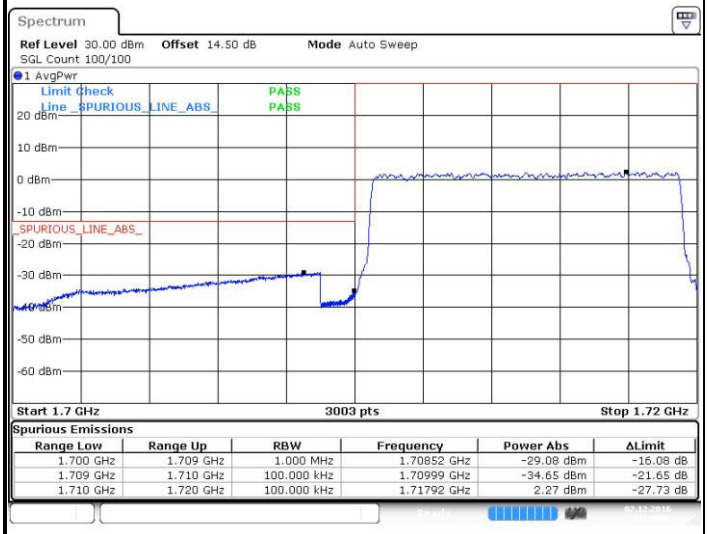


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75443 GHz	19.72 dBm	-10.28 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-19.04 dBm	-6.04 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75605 GHz	-37.37 dBm	-24.37 dB

Date: 2.DEC.2016 11:47:56

Lowest Band Edge / Full RB

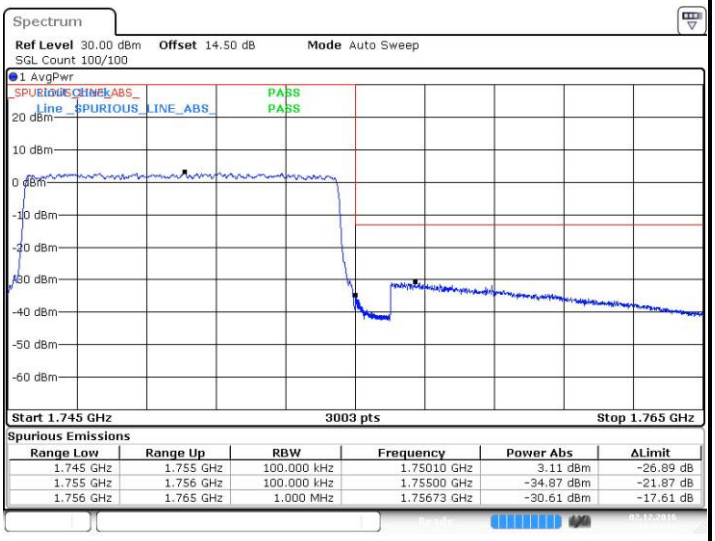


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70852 GHz	-29.08 dBm	-16.08 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-34.65 dBm	-21.65 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71792 GHz	2.27 dBm	-27.73 dB

Date: 2.DEC.2016 11:40:43

Highest Band Edge / Full RB



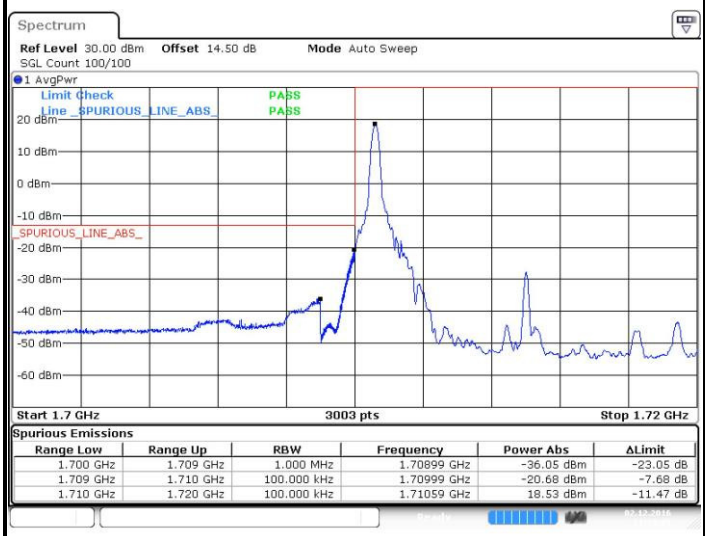
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75010 GHz	3.11 dBm	-26.89 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-34.87 dBm	-21.87 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75673 GHz	-30.61 dBm	-17.61 dB

Date: 2.DEC.2016 11:50:13

LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

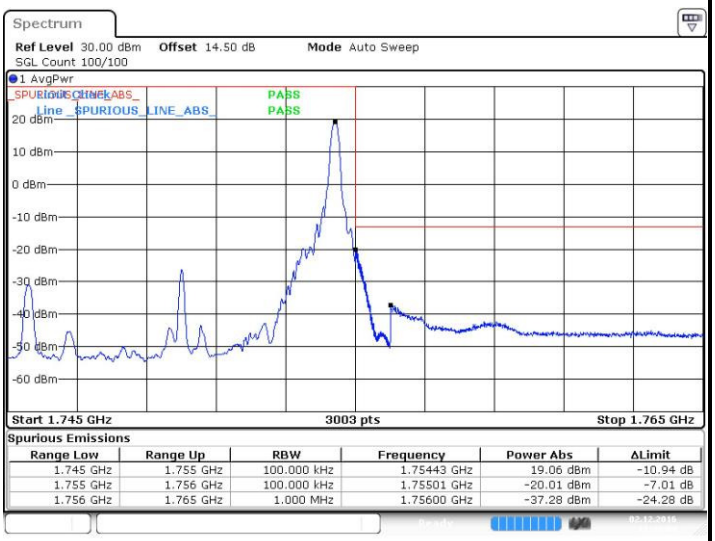


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-36.05 dBm	-23.05 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-20.68 dBm	-7.68 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71059 GHz	18.53 dBm	-11.47 dB

Date: 2.DEC.2016 11:39:35

Highest Band Edge / 1 RB

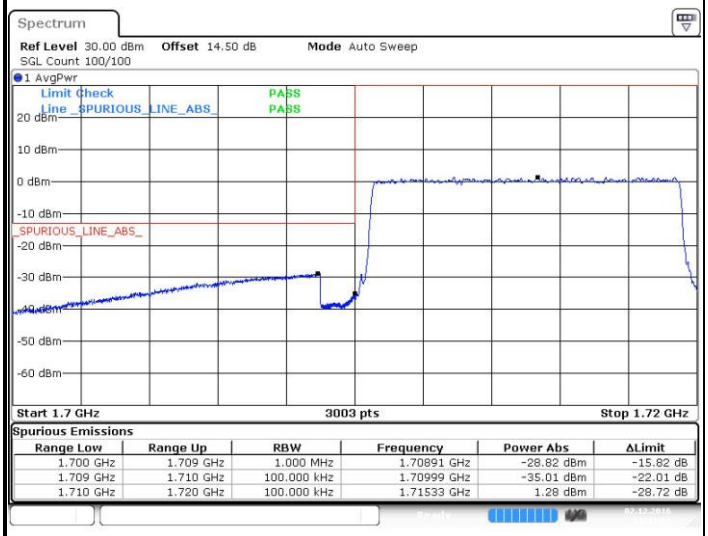


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75443 GHz	19.06 dBm	-10.94 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-20.01 dBm	-7.01 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-37.28 dBm	-24.28 dB

Date: 2.DEC.2016 11:49:04

Lowest Band Edge / Full RB

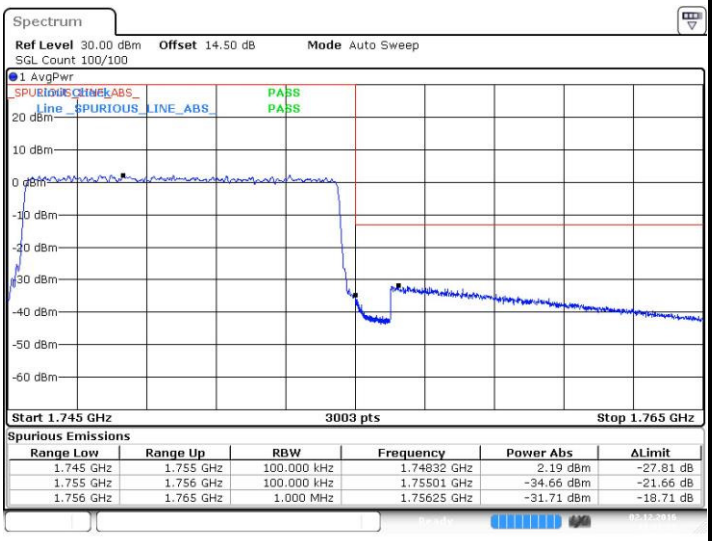


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-28.82 dBm	-15.82 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-35.01 dBm	-22.01 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71533 GHz	1.28 dBm	-28.72 dB

Date: 2.DEC.2016 11:41:52

Highest Band Edge / Full RB



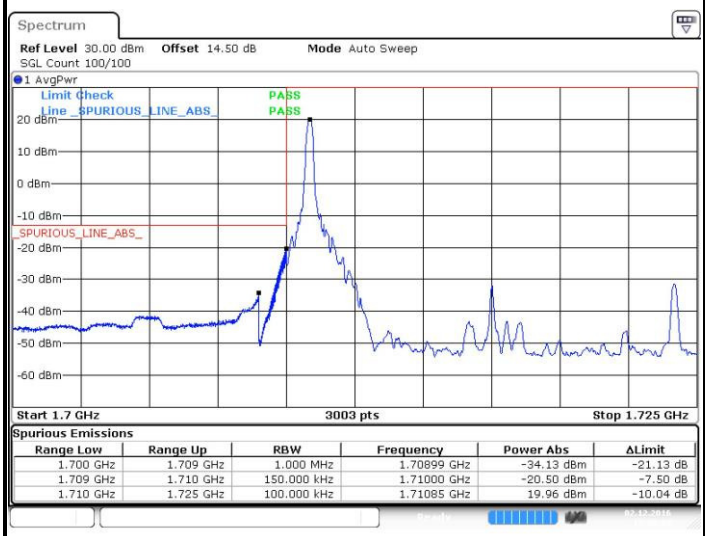
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74832 GHz	2.19 dBm	-27.81 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-34.66 dBm	-21.66 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75625 GHz	-31.71 dBm	-18.71 dB

Date: 2.DEC.2016 11:51:21

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB

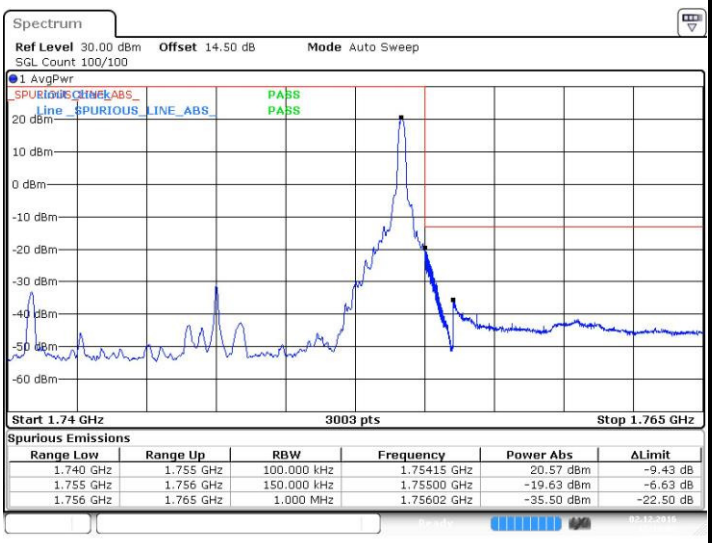


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-34.13 dBm	-21.13 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-20.50 dBm	-7.50 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71085 GHz	19.96 dBm	-10.04 dB

Date: 2.DEC.2016 15:00:34

Highest Band Edge / 1 RB

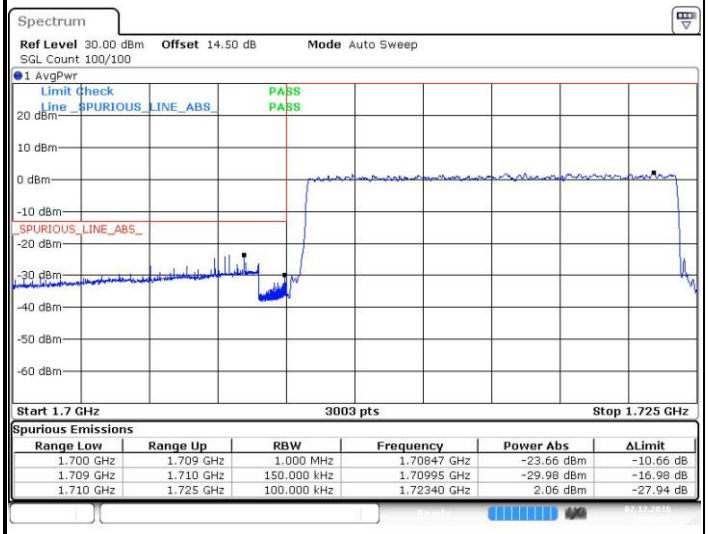


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75415 GHz	20.57 dBm	-9.43 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-19.63 dBm	-6.63 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-35.50 dBm	-22.50 dB

Date: 2.DEC.2016 15:10:03

Lowest Band Edge / Full RB

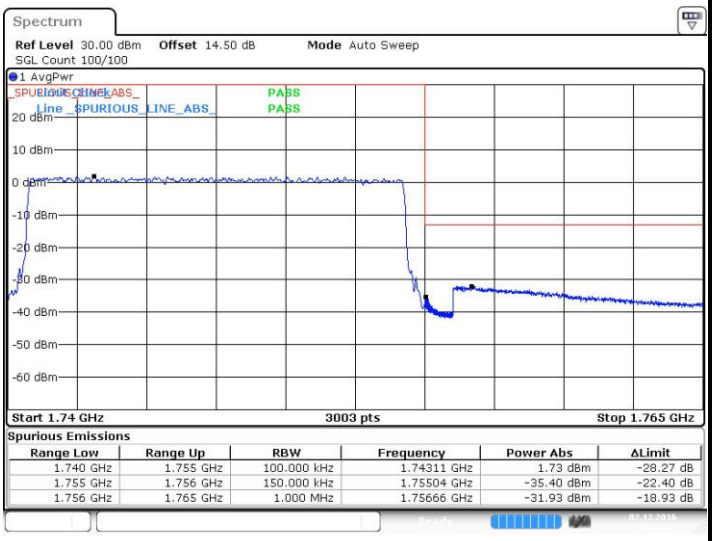


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70847 GHz	-23.66 dBm	-10.66 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70995 GHz	-29.98 dBm	-16.98 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72340 GHz	2.06 dBm	-27.94 dB

Date: 2.DEC.2016 15:02:51

Highest Band Edge / Full RB



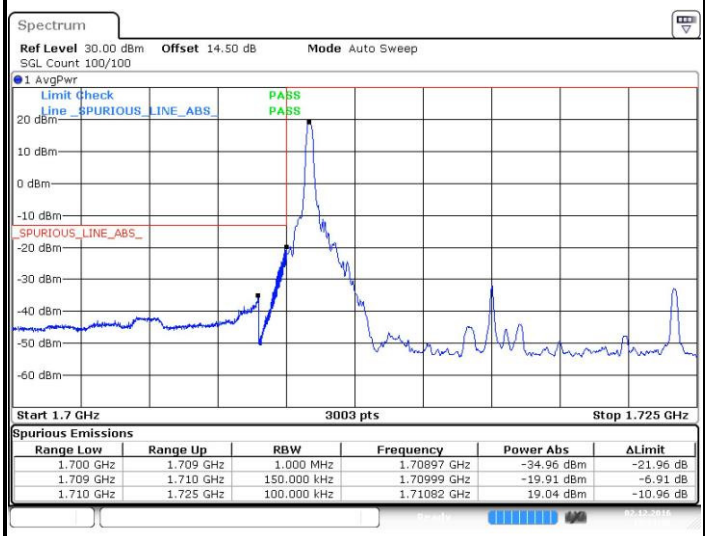
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74311 GHz	1.73 dBm	-28.27 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75504 GHz	-35.40 dBm	-22.40 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75666 GHz	-31.93 dBm	-18.93 dB

Date: 2.DEC.2016 15:12:20

LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

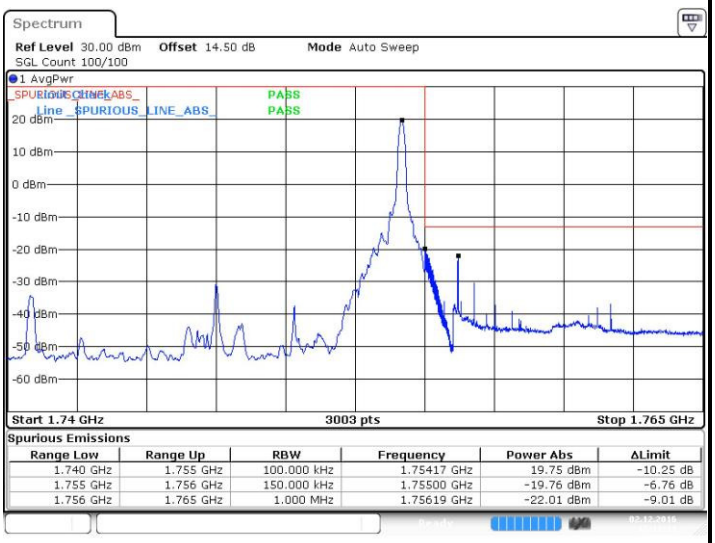


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-34.96 dBm	-21.96 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-19.91 dBm	-6.91 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71082 GHz	19.04 dBm	-10.96 dB

Date: 2.DEC.2016 15:01:43

Highest Band Edge / 1 RB

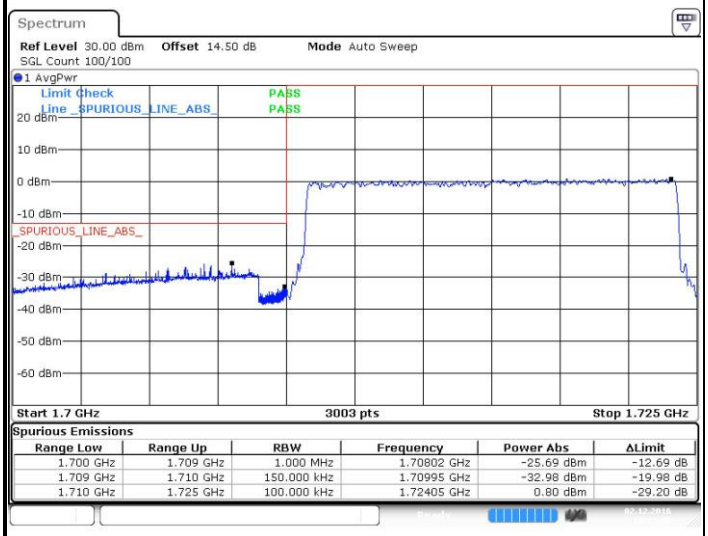


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75417 GHz	19.75 dBm	-10.25 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-19.76 dBm	-6.76 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75619 GHz	-22.01 dBm	-9.01 dB

Date: 2.DEC.2016 15:11:12

Lowest Band Edge / Full RB

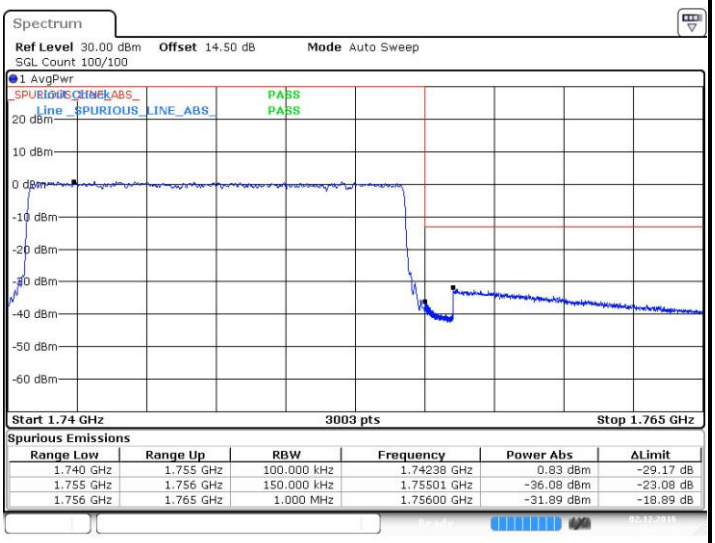


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70802 GHz	-25.69 dBm	-12.69 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70995 GHz	-32.98 dBm	-19.98 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72405 GHz	0.80 dBm	-29.20 dB

Date: 2.DEC.2016 15:03:59

Highest Band Edge / Full RB



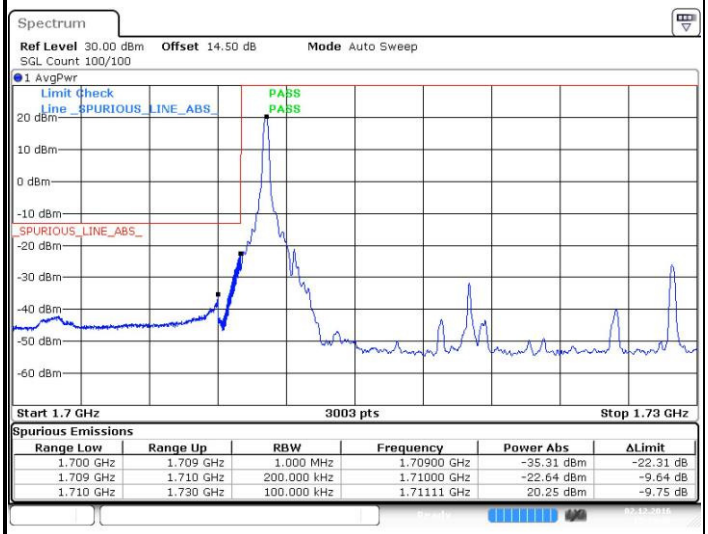
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74238 GHz	0.83 dBm	-29.17 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75501 GHz	-36.08 dBm	-23.08 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-31.89 dBm	-18.89 dB

Date: 2.DEC.2016 15:13:28

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

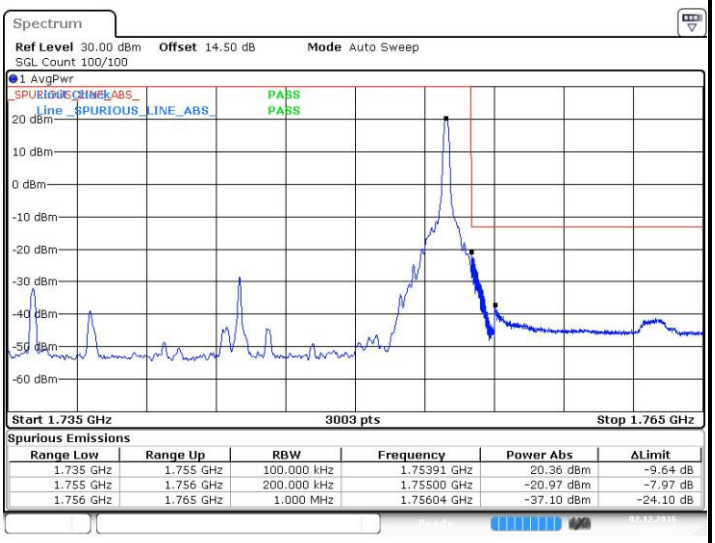


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-35.31 dBm	-22.31 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-22.64 dBm	-9.64 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	20.25 dBm	-9.75 dB

Date: 2.DEC.2016 15:19:49

Highest Band Edge / 1 RB

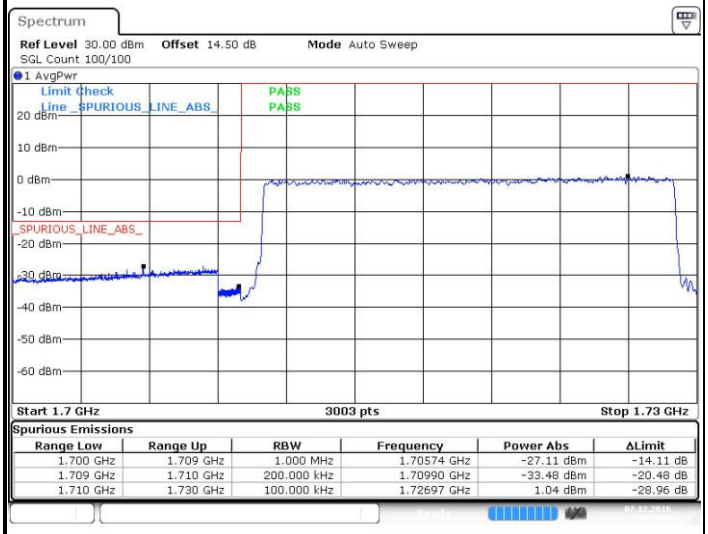


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75391 GHz	20.36 dBm	-9.64 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-20.97 dBm	-7.97 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-37.10 dBm	-24.10 dB

Date: 2.DEC.2016 15:29:19

Lowest Band Edge / Full RB

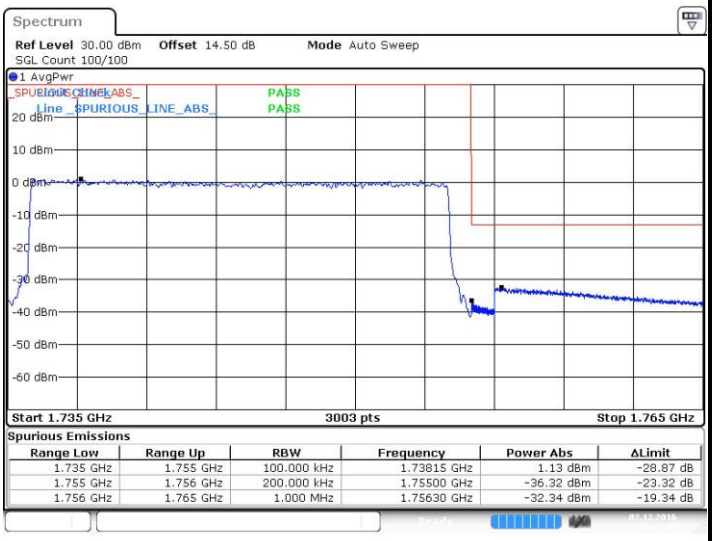


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70574 GHz	-27.11 dBm	-14.11 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70990 GHz	-33.48 dBm	-20.48 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72697 GHz	1.04 dBm	-28.96 dB

Date: 2.DEC.2016 15:22:06

Highest Band Edge / Full RB



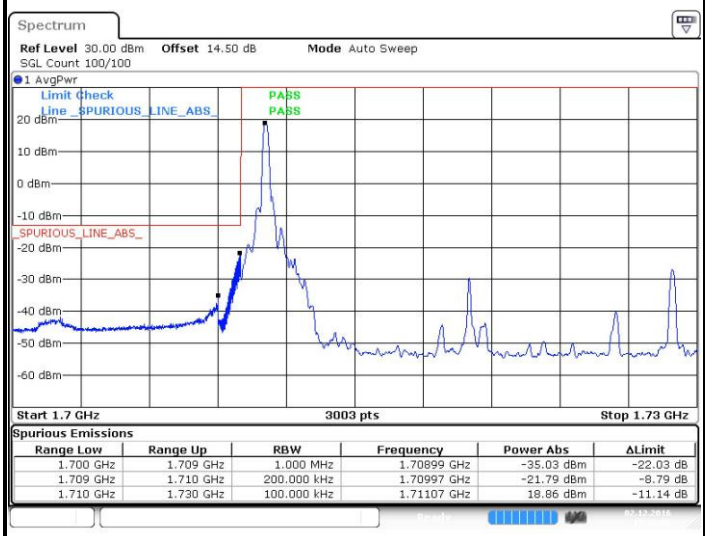
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73815 GHz	1.13 dBm	-28.87 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-36.32 dBm	-23.32 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75630 GHz	-32.34 dBm	-19.34 dB

Date: 2.DEC.2016 15:31:36

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

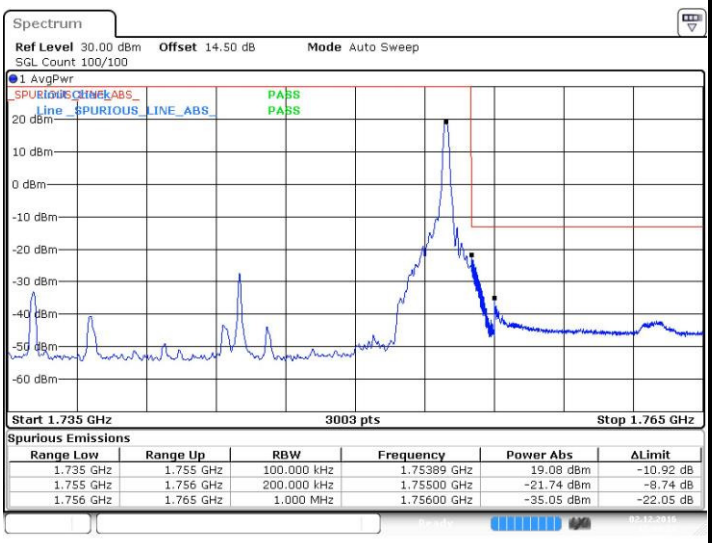


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-35.03 dBm	-22.03 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-21.79 dBm	-8.79 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	18.86 dBm	-11.14 dB

Date: 2.DEC.2016 15:20:57

Highest Band Edge / 1 RB

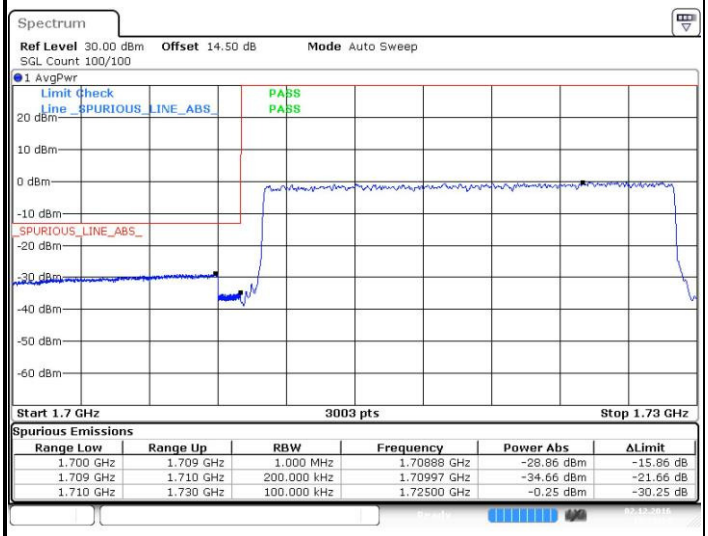


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75389 GHz	19.08 dBm	-10.92 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-21.74 dBm	-8.74 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-35.05 dBm	-22.05 dB

Date: 2.DEC.2016 15:30:28

Lowest Band Edge / Full RB

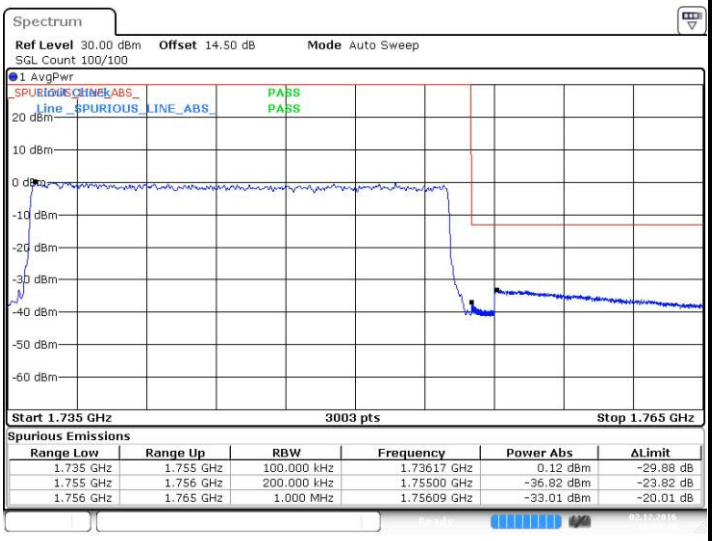


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70888 GHz	-28.86 dBm	-15.86 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-34.66 dBm	-21.66 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72500 GHz	-0.25 dBm	-30.25 dB

Date: 2.DEC.2016 15:23:14

Highest Band Edge / Full RB



Spurious Emissions

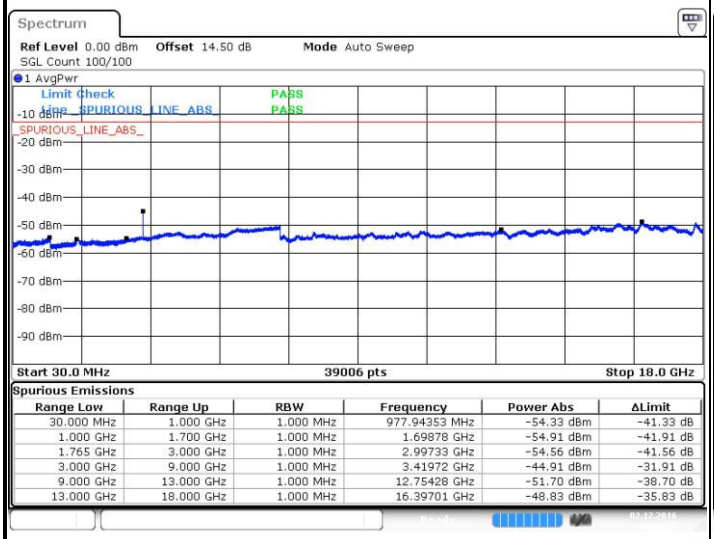
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73617 GHz	0.12 dBm	-29.88 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-36.82 dBm	-23.82 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75609 GHz	-33.01 dBm	-20.01 dB

Date: 2.DEC.2016 15:32:44

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

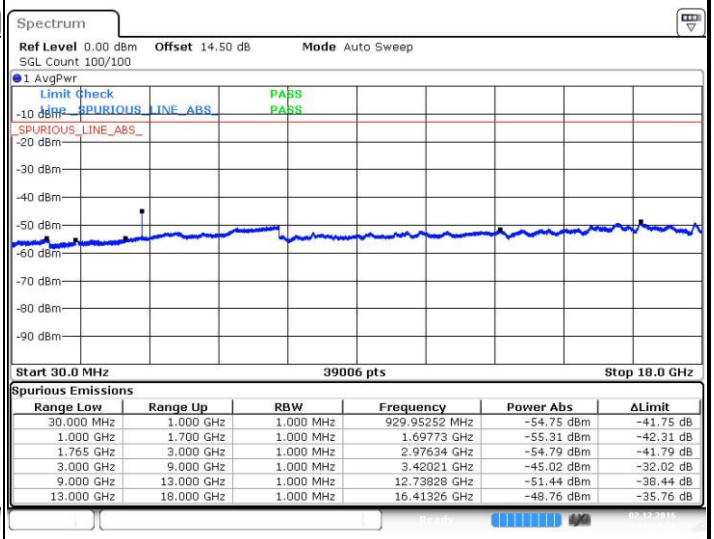


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-54.33 dBm	-41.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-54.91 dBm	-41.91 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99733 GHz	-54.56 dBm	-41.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-44.91 dBm	-31.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75428 GHz	-51.70 dBm	-38.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39701 GHz	-48.83 dBm	-35.83 dB

Date: 2.DEC.2016 10:53:15

Lowest Channel / 16QAM

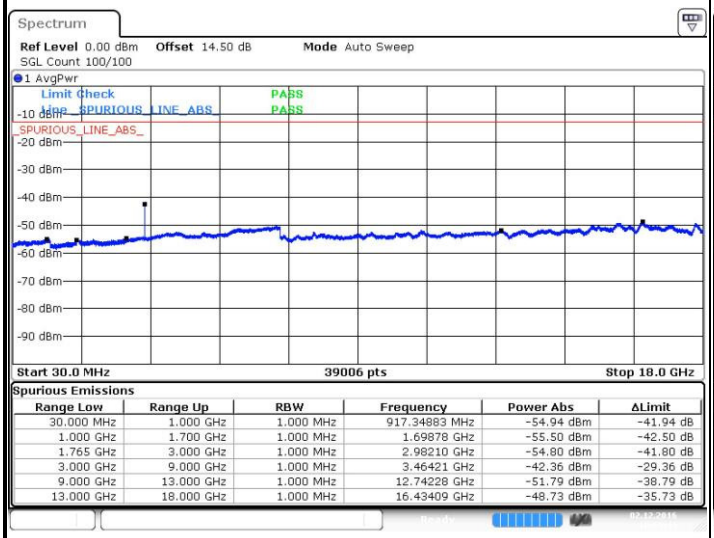


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-55.31 dBm	-42.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97634 GHz	-54.79 dBm	-41.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-45.02 dBm	-32.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73828 GHz	-51.44 dBm	-38.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41326 GHz	-48.76 dBm	-35.76 dB

Date: 2.DEC.2016 10:54:09

Middle Channel / QPSK

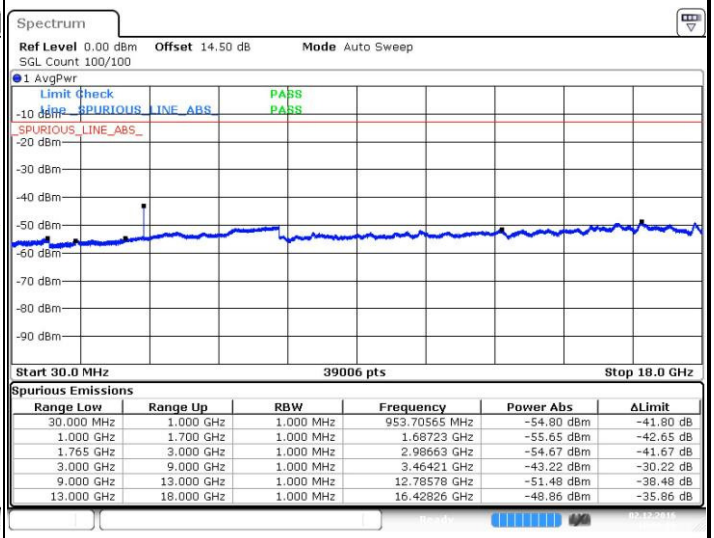


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-54.94 dBm	-41.94 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-55.50 dBm	-42.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98210 GHz	-54.80 dBm	-41.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74228 GHz	-51.79 dBm	-38.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43409 GHz	-48.73 dBm	-35.73 dB

Date: 2.DEC.2016 10:55:44

Middle Channel / 16QAM



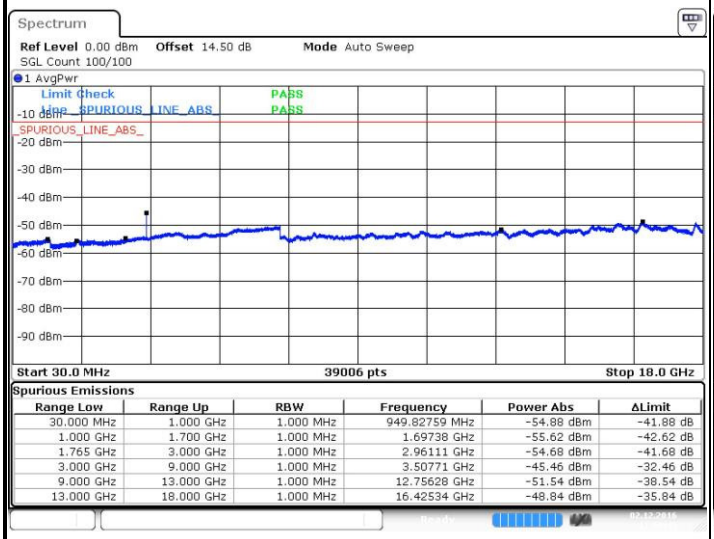
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-55.65 dBm	-42.65 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98663 GHz	-54.67 dBm	-41.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46421 GHz	-43.22 dBm	-30.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.78578 GHz	-51.48 dBm	-38.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42826 GHz	-48.86 dBm	-35.86 dB

Date: 2.DEC.2016 10:56:38

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

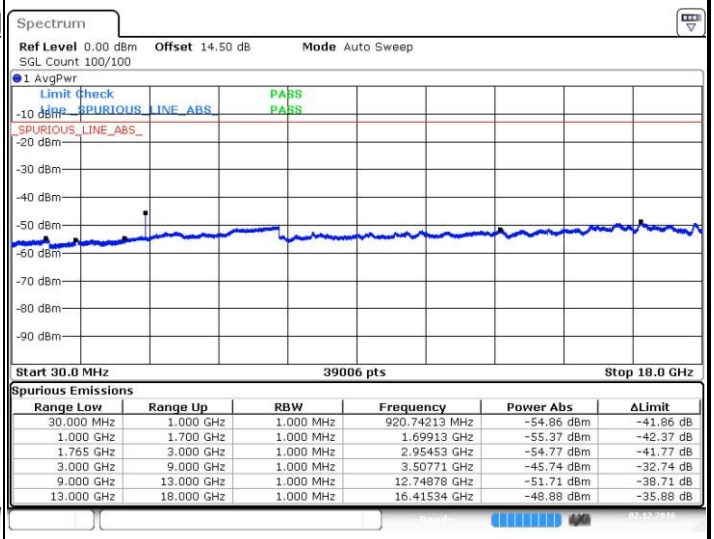


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-54.88 dBm	-41.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-55.62 dBm	-42.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96111 GHz	-54.68 dBm	-41.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-45.46 dBm	-32.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75628 GHz	-51.54 dBm	-38.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42534 GHz	-48.84 dBm	-35.84 dB

Date: 2.DEC.2016 11:02:45

Highest Channel / 16QAM



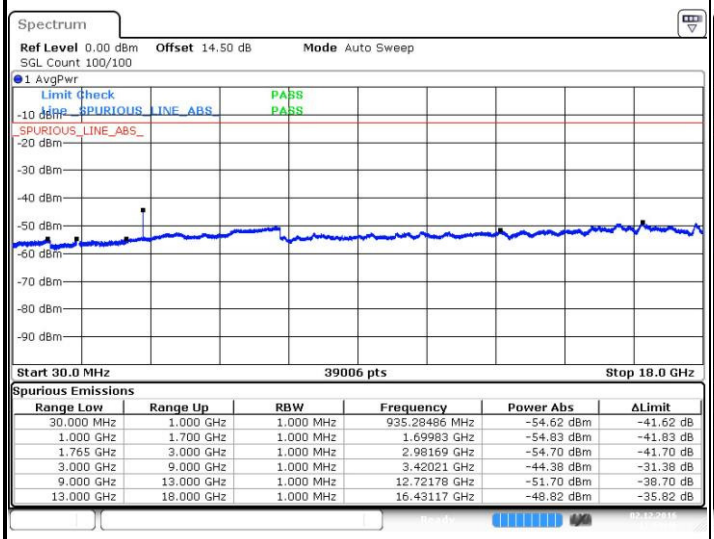
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-54.86 dBm	-41.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-55.37 dBm	-42.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95453 GHz	-54.77 dBm	-41.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50771 GHz	-45.74 dBm	-32.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74878 GHz	-51.71 dBm	-38.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41534 GHz	-48.88 dBm	-35.88 dB

Date: 2.DEC.2016 11:03:38

LTE Band 4 / 3MHz

Lowest Channel / QPSK

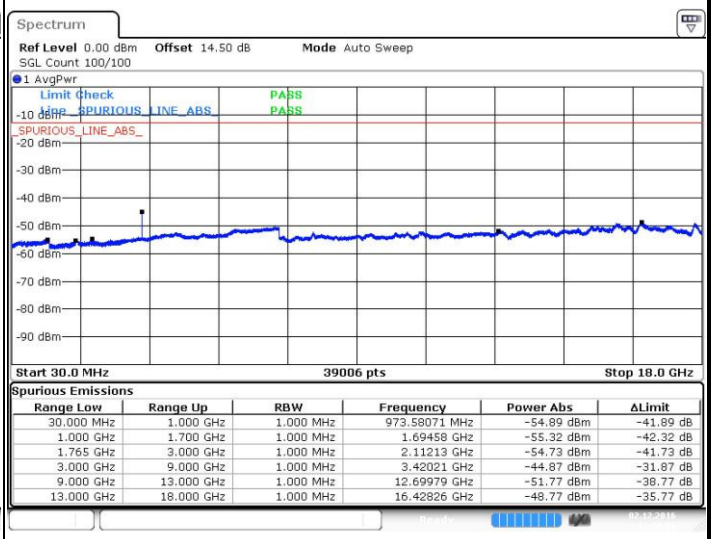


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.83 dBm	-41.83 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98169 GHz	-54.70 dBm	-41.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-44.38 dBm	-31.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72178 GHz	-51.70 dBm	-38.70 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43117 GHz	-48.82 dBm	-35.82 dB

Date: 2.DEC.2016 11:09:46

Lowest Channel / 16QAM



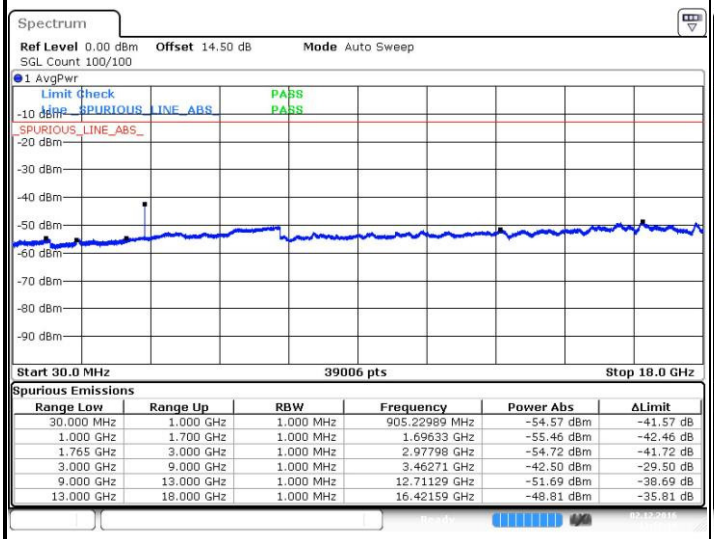
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-54.89 dBm	-41.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-55.32 dBm	-42.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11213 GHz	-54.73 dBm	-41.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-44.87 dBm	-31.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69979 GHz	-51.77 dBm	-38.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42826 GHz	-48.77 dBm	-35.77 dB

Date: 2.DEC.2016 11:10:39

LTE Band 4 / 3MHz

Middle Channel / QPSK

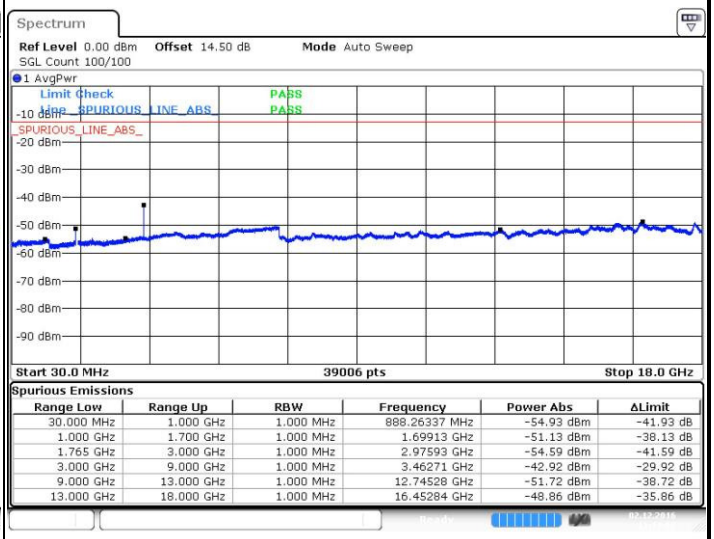


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-54.57 dBm	-41.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-55.46 dBm	-42.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97798 GHz	-54.72 dBm	-41.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-42.50 dBm	-29.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71129 GHz	-51.69 dBm	-38.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42159 GHz	-48.81 dBm	-35.81 dB

Date: 2.DEC.2016 11:12:14

Middle Channel / 16QAM

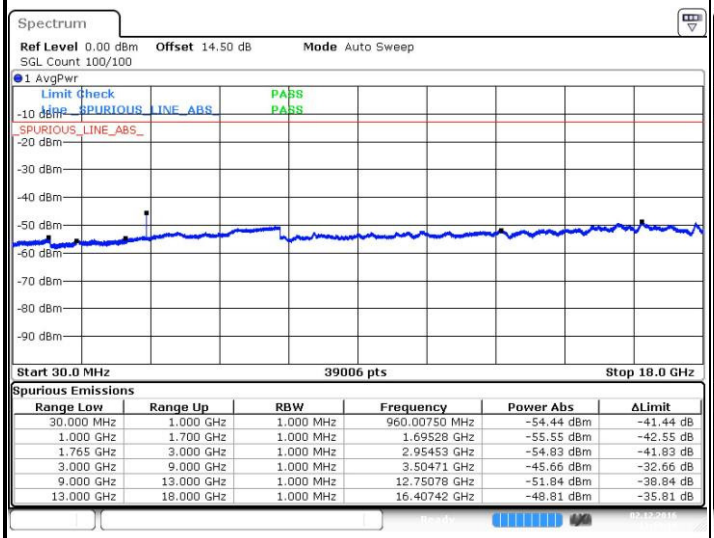


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-54.93 dBm	-41.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-51.13 dBm	-38.13 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97593 GHz	-54.59 dBm	-41.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46271 GHz	-42.92 dBm	-29.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74528 GHz	-51.72 dBm	-38.72 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.45284 GHz	-48.86 dBm	-35.86 dB

Date: 2.DEC.2016 11:13:07

Highest Channel / QPSK

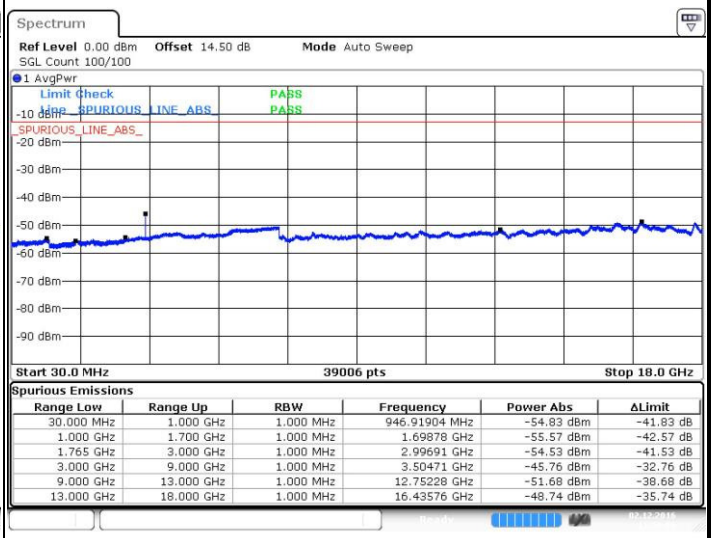


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-54.44 dBm	-41.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-55.55 dBm	-42.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95453 GHz	-54.83 dBm	-41.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-45.66 dBm	-32.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75078 GHz	-51.84 dBm	-38.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40742 GHz	-48.81 dBm	-35.81 dB

Date: 2.DEC.2016 11:19:15

Highest Channel / 16QAM



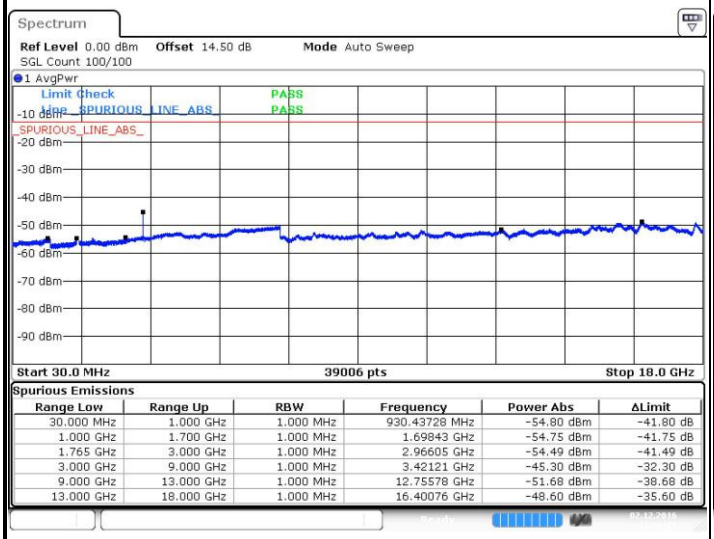
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-54.83 dBm	-41.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-55.57 dBm	-42.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99691 GHz	-54.53 dBm	-41.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50471 GHz	-45.76 dBm	-32.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75228 GHz	-51.68 dBm	-38.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43576 GHz	-48.74 dBm	-35.74 dB

Date: 2.DEC.2016 11:20:08

LTE Band 4 / 5MHz

Lowest Channel / QPSK

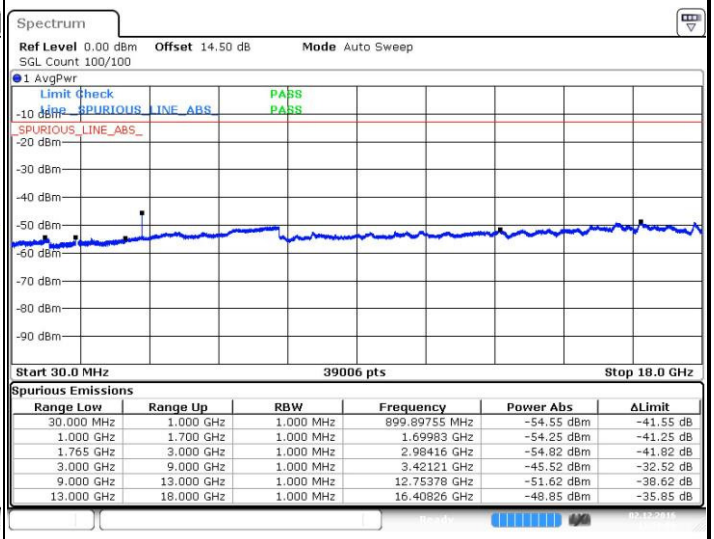


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-54.80 dBm	-41.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-54.75 dBm	-41.75 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96605 GHz	-54.49 dBm	-41.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-45.30 dBm	-32.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75578 GHz	-51.68 dBm	-38.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40076 GHz	-48.60 dBm	-35.60 dB

Date: 2.DEC.2016 11:26:15

Lowest Channel / 16QAM

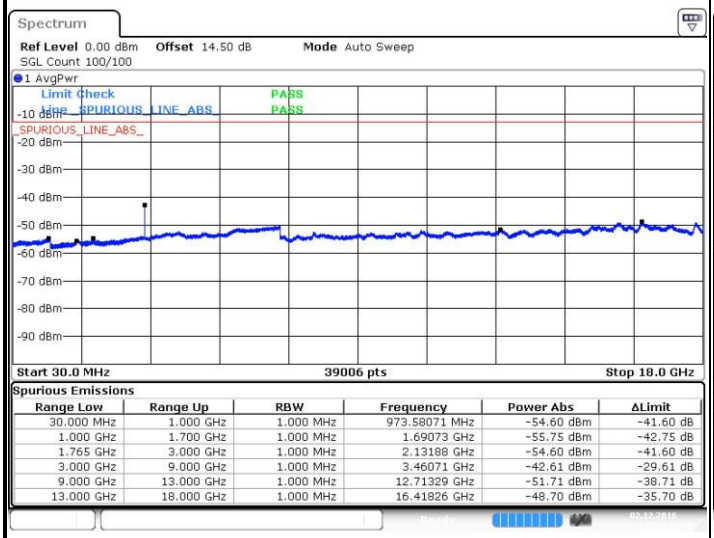


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-54.55 dBm	-41.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.25 dBm	-41.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98416 GHz	-54.82 dBm	-41.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-45.52 dBm	-32.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75378 GHz	-51.62 dBm	-38.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40826 GHz	-48.85 dBm	-35.85 dB

Date: 2.DEC.2016 11:27:09

Middle Channel / QPSK

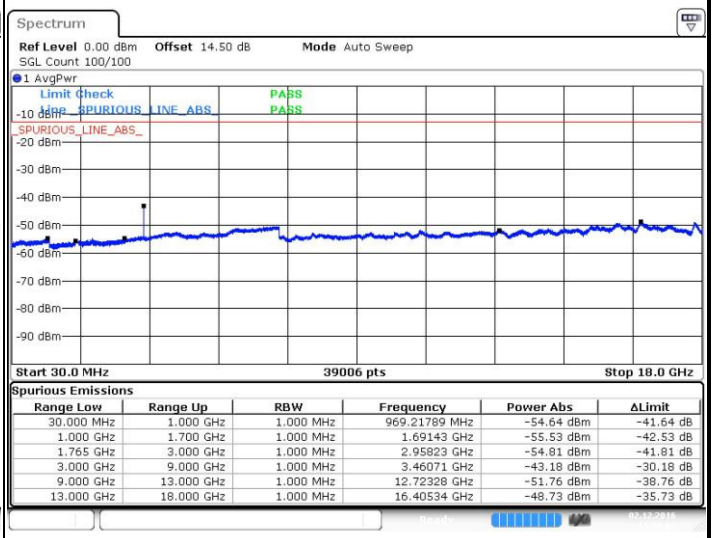


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-54.60 dBm	-41.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69073 GHz	-55.75 dBm	-42.75 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13188 GHz	-54.60 dBm	-41.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-42.61 dBm	-29.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71329 GHz	-51.71 dBm	-38.71 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41826 GHz	-48.70 dBm	-35.70 dB

Date: 2.DEC.2016 11:28:43

Middle Channel / 16QAM



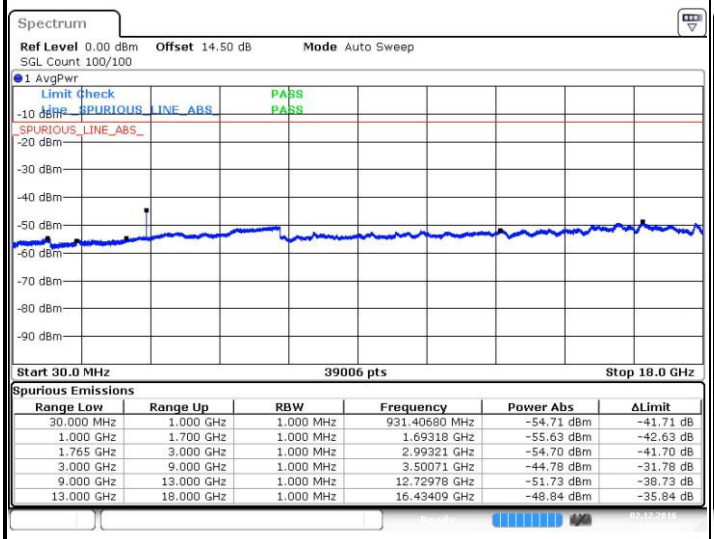
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-54.64 dBm	-41.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-55.53 dBm	-42.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95823 GHz	-54.81 dBm	-41.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.46071 GHz	-43.18 dBm	-30.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72328 GHz	-51.76 dBm	-38.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40534 GHz	-48.73 dBm	-35.73 dB

Date: 2.DEC.2016 11:29:37

LTE Band 4 / 5MHz

Highest Channel / QPSK

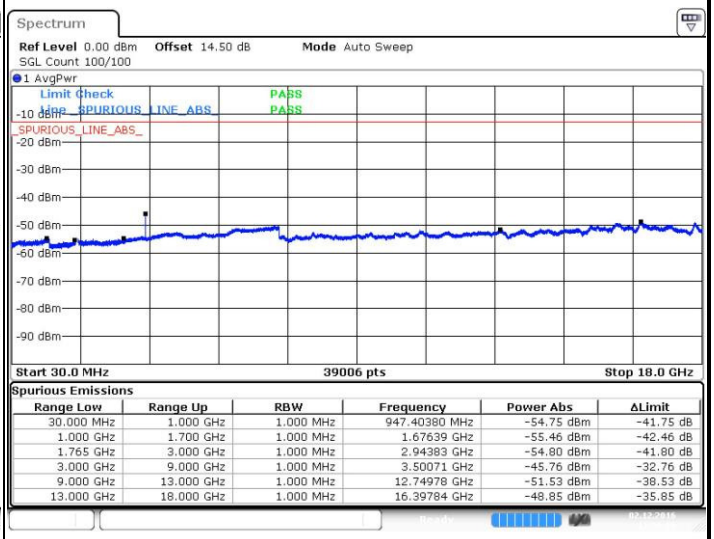


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-55.63 dBm	-42.63 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99321 GHz	-54.70 dBm	-41.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-44.78 dBm	-31.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72978 GHz	-51.73 dBm	-38.73 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43409 GHz	-48.84 dBm	-35.84 dB

Date: 2.DEC.2016 11:35:45

Highest Channel / 16QAM



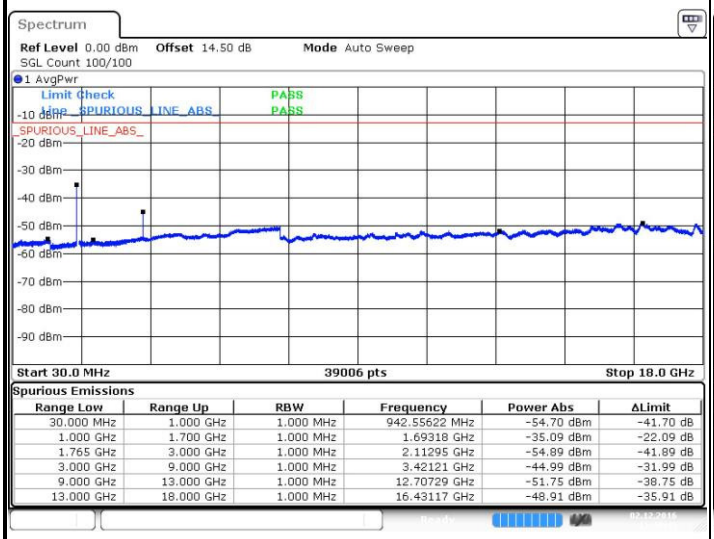
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-54.75 dBm	-41.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67639 GHz	-55.46 dBm	-42.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94383 GHz	-54.80 dBm	-41.80 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-45.76 dBm	-32.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74978 GHz	-51.53 dBm	-38.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39784 GHz	-48.85 dBm	-35.85 dB

Date: 2.DEC.2016 11:36:39

LTE Band 4 / 10MHz

Lowest Channel / QPSK

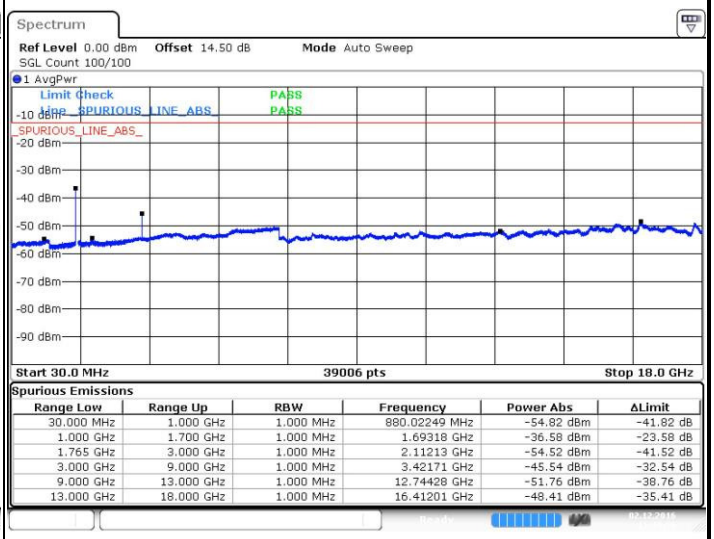


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-35.09 dBm	-22.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11295 GHz	-54.89 dBm	-41.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-44.99 dBm	-31.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70729 GHz	-51.75 dBm	-38.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43117 GHz	-48.91 dBm	-35.91 dB

Date: 2.DEC.2016 11:42:45

Lowest Channel / 16QAM



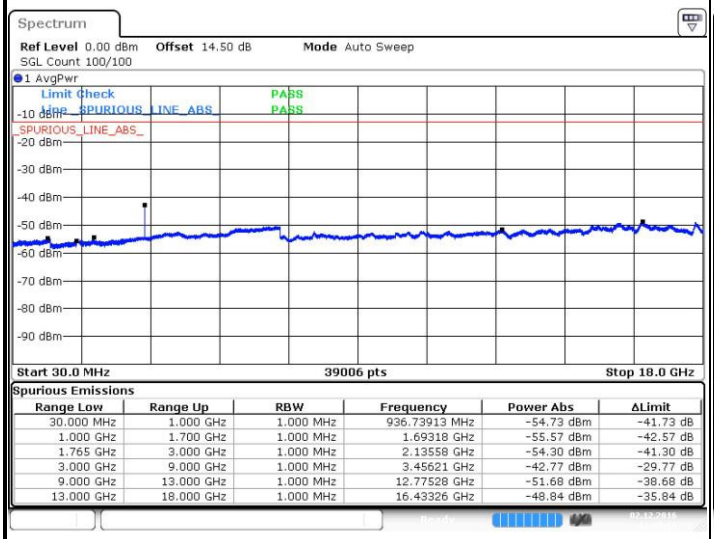
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-54.82 dBm	-41.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-36.58 dBm	-23.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.11213 GHz	-54.52 dBm	-41.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42171 GHz	-45.54 dBm	-32.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74428 GHz	-51.76 dBm	-38.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41201 GHz	-48.41 dBm	-35.41 dB

Date: 2.DEC.2016 11:43:39

LTE Band 4 / 10MHz

Middle Channel / QPSK

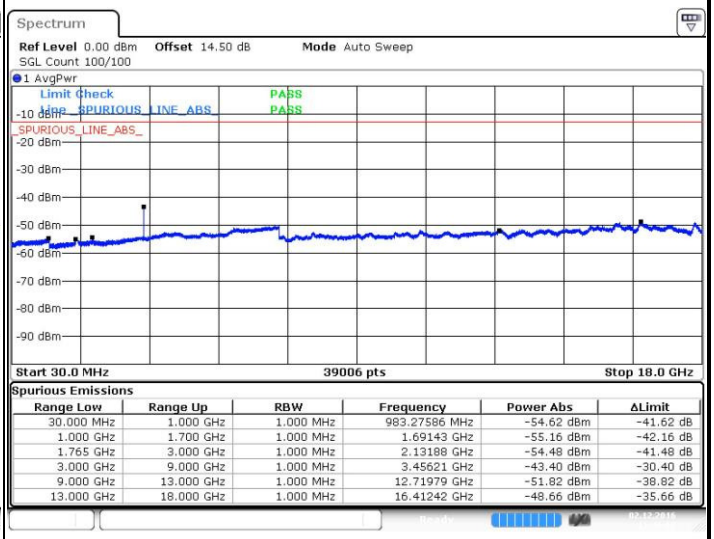


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-54.73 dBm	-41.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-55.57 dBm	-42.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13558 GHz	-54.30 dBm	-41.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-42.77 dBm	-29.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.77528 GHz	-51.68 dBm	-38.68 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43326 GHz	-48.84 dBm	-35.84 dB

Date: 2.DEC.2016 11:45:14

Middle Channel / 16QAM

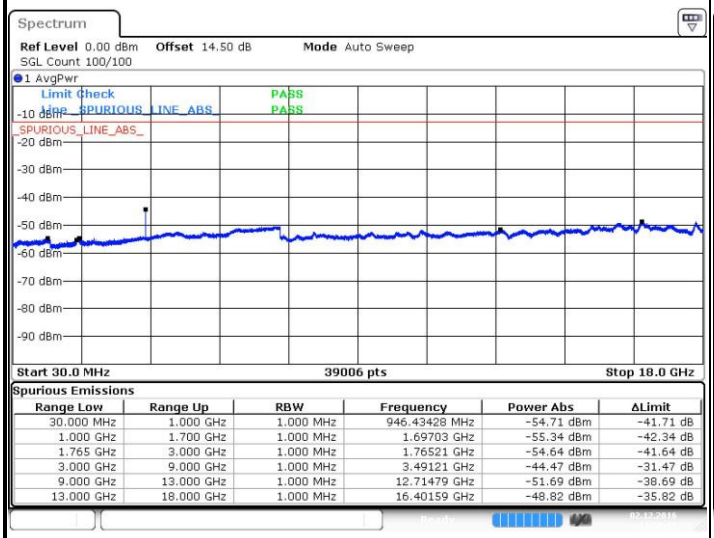


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-55.16 dBm	-42.16 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.13188 GHz	-54.48 dBm	-41.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.45621 GHz	-43.40 dBm	-30.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71979 GHz	-51.82 dBm	-38.82 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41242 GHz	-48.66 dBm	-35.66 dB

Date: 2.DEC.2016 11:46:07

Highest Channel / QPSK

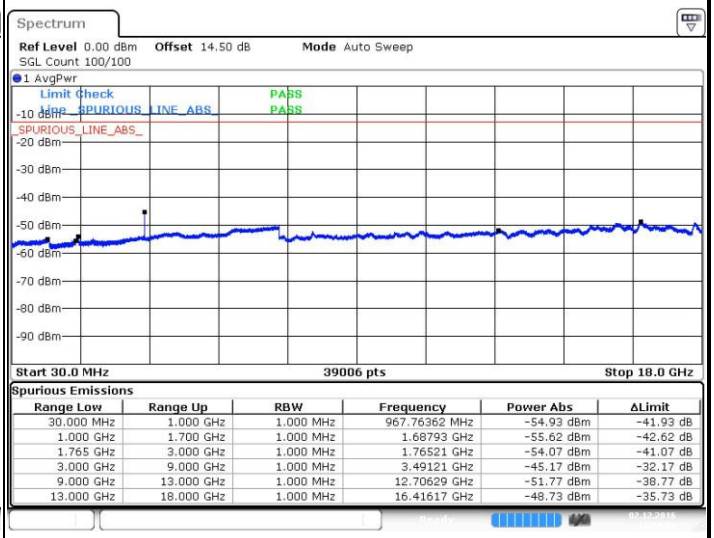


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-54.71 dBm	-41.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-55.34 dBm	-42.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-54.64 dBm	-41.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-44.47 dBm	-31.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71479 GHz	-51.69 dBm	-38.69 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40159 GHz	-48.82 dBm	-35.82 dB

Date: 2.DEC.2016 11:52:15

Highest Channel / 16QAM



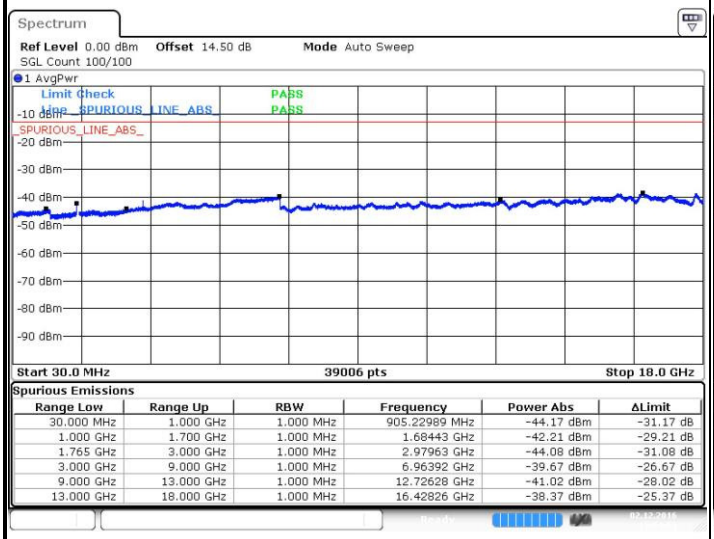
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-54.93 dBm	-41.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-55.62 dBm	-42.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-54.07 dBm	-41.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.49121 GHz	-45.17 dBm	-32.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70629 GHz	-51.77 dBm	-38.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41617 GHz	-48.73 dBm	-35.73 dB

Date: 2.DEC.2016 11:53:08

LTE Band 4 / 15MHz

Lowest Channel / QPSK

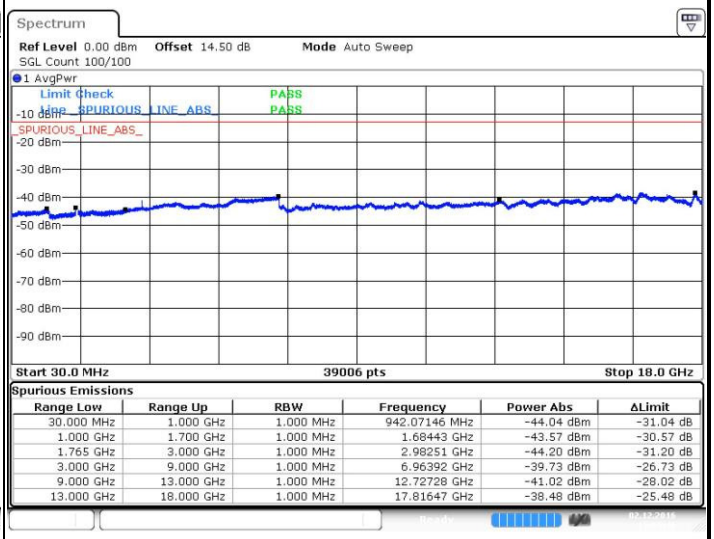


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-44.17 dBm	-31.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-42.21 dBm	-29.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97963 GHz	-44.08 dBm	-31.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96392 GHz	-39.67 dBm	-26.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72628 GHz	-41.02 dBm	-28.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42826 GHz	-38.37 dBm	-25.37 dB

Date: 2.DEC.2016 15:04:53

Lowest Channel / 16QAM

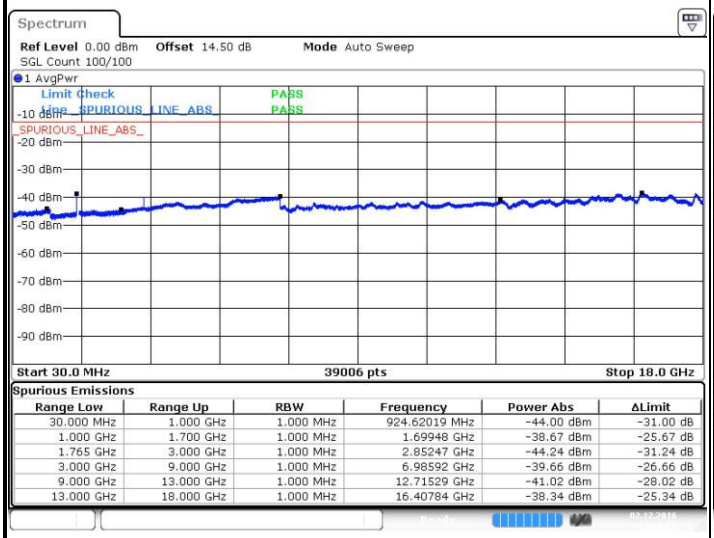


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-44.04 dBm	-31.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-43.57 dBm	-30.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98251 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96392 GHz	-39.73 dBm	-26.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72728 GHz	-41.02 dBm	-28.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.81647 GHz	-38.48 dBm	-25.48 dB

Date: 2.DEC.2016 15:05:47

Middle Channel / QPSK

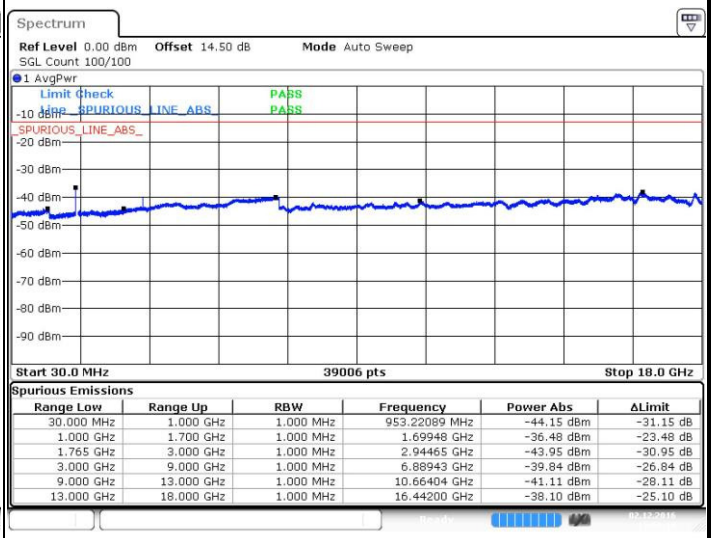


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-44.00 dBm	-31.00 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-38.67 dBm	-25.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85247 GHz	-44.24 dBm	-31.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-39.66 dBm	-26.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71529 GHz	-41.02 dBm	-28.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40784 GHz	-38.34 dBm	-25.34 dB

Date: 2.DEC.2016 15:07:21

Middle Channel / 16QAM



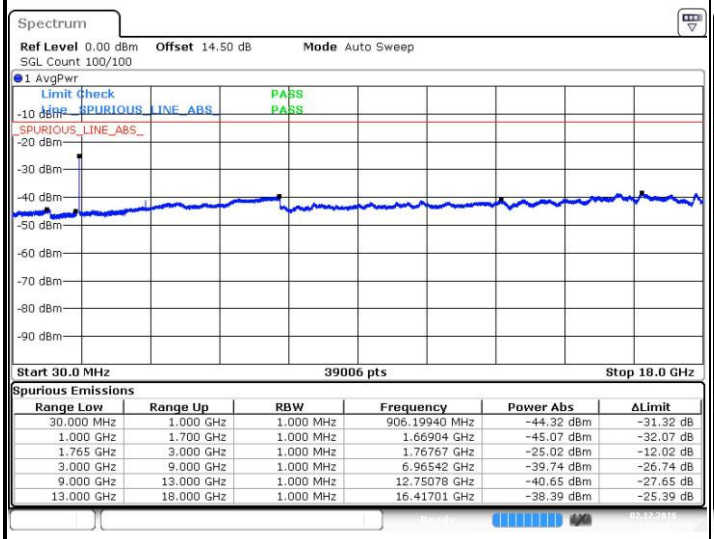
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-44.15 dBm	-31.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-36.48 dBm	-23.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94465 GHz	-43.95 dBm	-30.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88943 GHz	-39.84 dBm	-26.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66404 GHz	-41.11 dBm	-28.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.44200 GHz	-38.10 dBm	-25.10 dB

Date: 2.DEC.2016 15:08:15

LTE Band 4 / 15MHz

Highest Channel / QPSK

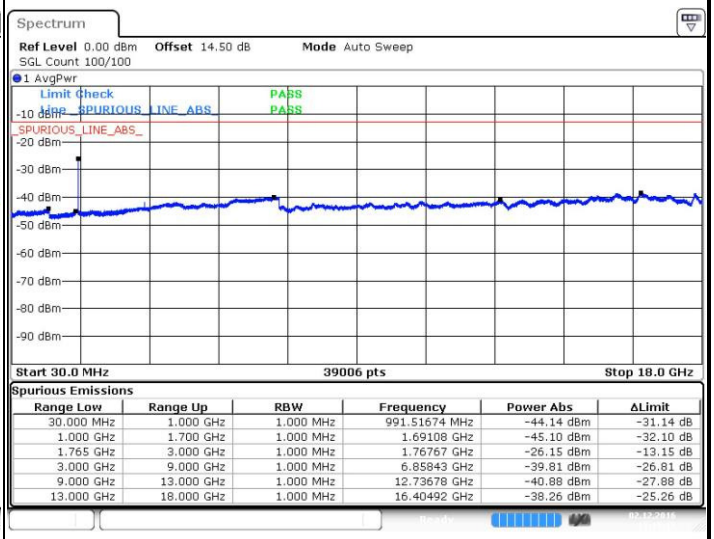


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-44.32 dBm	-31.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66904 GHz	-45.07 dBm	-32.07 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-25.02 dBm	-12.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96542 GHz	-39.74 dBm	-26.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.75078 GHz	-40.65 dBm	-27.65 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.41701 GHz	-38.39 dBm	-25.39 dB

Date: 2.DEC.2016 15:14:22

Highest Channel / 16QAM



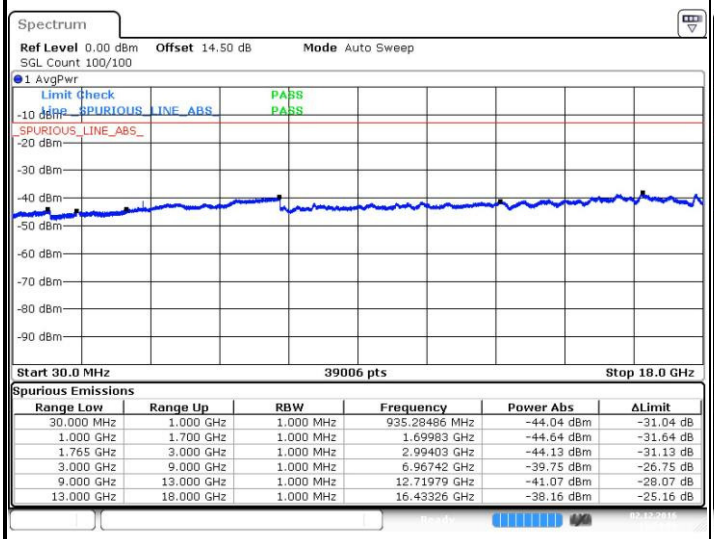
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-44.14 dBm	-31.14 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69108 GHz	-45.10 dBm	-32.10 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-26.15 dBm	-13.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85843 GHz	-39.81 dBm	-26.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73678 GHz	-40.88 dBm	-27.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.40492 GHz	-38.26 dBm	-25.26 dB

Date: 2.DEC.2016 15:15:16

LTE Band 4 / 20MHz

Lowest Channel / QPSK

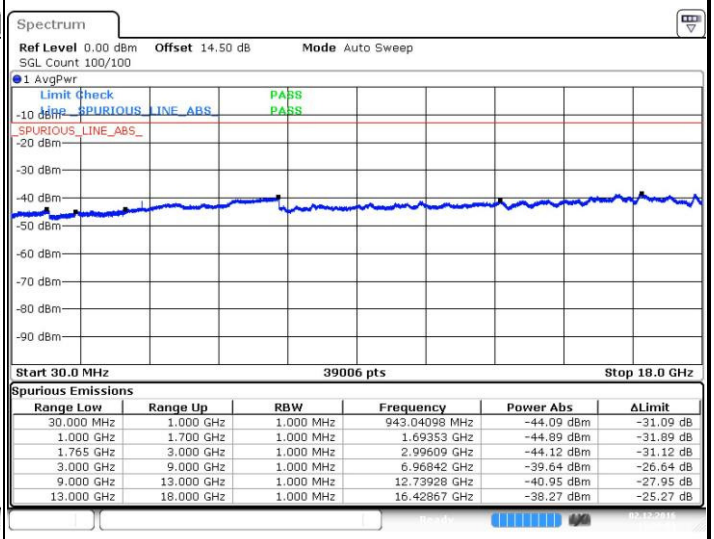


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-44.04 dBm	-31.04 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-44.64 dBm	-31.64 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99403 GHz	-44.13 dBm	-31.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96742 GHz	-39.75 dBm	-26.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71979 GHz	-41.07 dBm	-28.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43326 GHz	-38.16 dBm	-25.16 dB

Date: 2.DEC.2016 15:24:08

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-44.09 dBm	-31.09 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-44.89 dBm	-31.89 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99609 GHz	-44.12 dBm	-31.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96842 GHz	-39.64 dBm	-26.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73928 GHz	-40.95 dBm	-27.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.42867 GHz	-38.27 dBm	-25.27 dB

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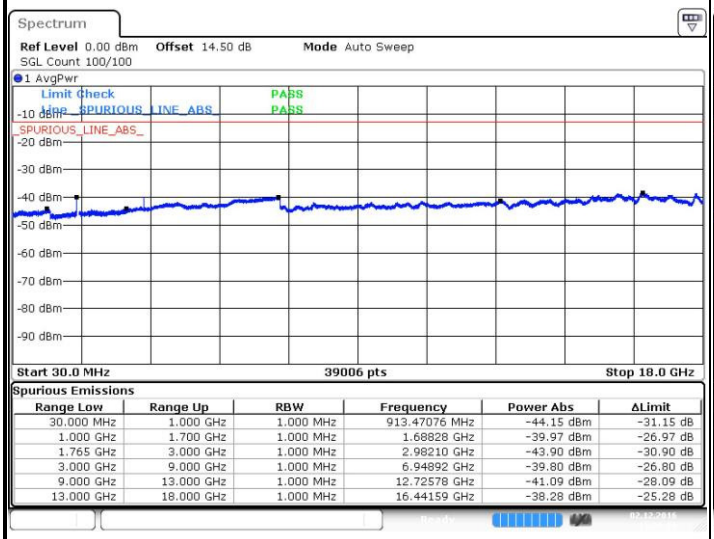
LTE Band 4 / 20MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-44.15 dBm	-31.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-39.97 dBm	-26.97 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98210 GHz	-43.90 dBm	-30.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94892 GHz	-39.80 dBm	-26.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.72578 GHz	-41.09 dBm	-28.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.44159 GHz	-38.28 dBm	-25.28 dB

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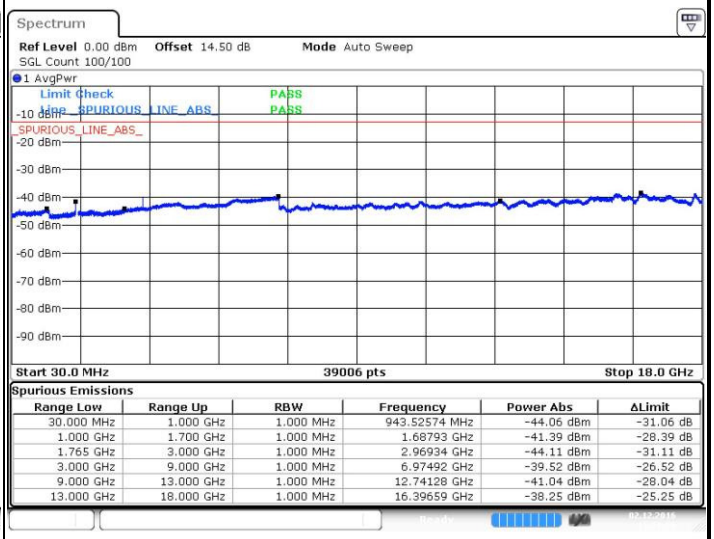
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-44.06 dBm	-31.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-41.39 dBm	-28.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96934 GHz	-44.11 dBm	-31.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97492 GHz	-39.52 dBm	-26.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.74128 GHz	-41.04 dBm	-28.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.39659 GHz	-38.25 dBm	-25.25 dB

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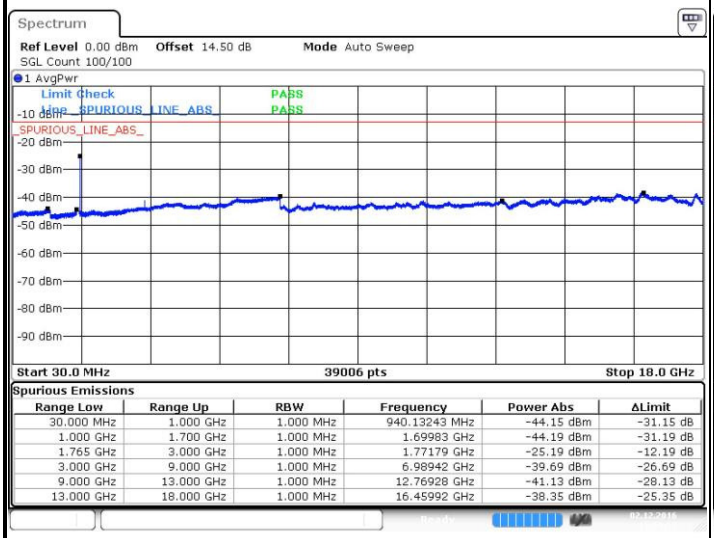
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-44.15 dBm	-31.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-44.19 dBm	-31.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-25.19 dBm	-12.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-39.69 dBm	-26.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.76928 GHz	-41.13 dBm	-28.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.45992 GHz	-38.35 dBm	-25.35 dB

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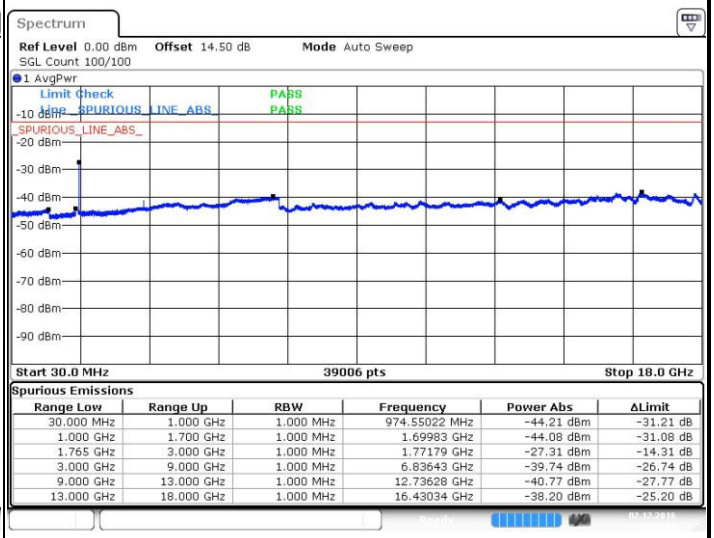
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-44.21 dBm	-31.21 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-44.08 dBm	-31.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-27.31 dBm	-14.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.83643 GHz	-39.74 dBm	-26.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.73628 GHz	-40.77 dBm	-27.77 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.43034 GHz	-38.20 dBm	-25.20 dB

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Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0069	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0081	
-10	Normal Voltage	0.0144	
-20	Normal Voltage	0.0179	
-30	Normal Voltage	0.0219	
20	Maximum Voltage	0.0092	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

EIRP

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.38	0.1730	22.57	0.1807
Middle		3	3	22.19	0.1656	22.29	0.1694
Highest		3	3	22.13	0.1633	22.06	0.1607
Lowest	16QAM	1	0	21.70	0.1479	21.77	0.1503
Middle		1	0	21.32	0.1355	21.38	0.1374
Highest		1	0	21.35	0.1365	21.16	0.1306
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.42	0.1746	22.63	0.1832
Middle		1	0	22.13	0.1633	22.25	0.1679
Highest		1	0	22.00	0.1585	21.96	0.1570
Lowest	16QAM	1	0	21.76	0.1500	21.84	0.1528
Middle		1	0	21.37	0.1371	21.29	0.1346
Highest		1	0	21.44	0.1393	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.39	0.1734	22.57	0.1807
Middle		1	12	22.14	0.1637	22.26	0.1683
Highest		1	12	21.95	0.1567	21.93	0.1560
Lowest	16QAM	1	12	21.92	0.1556	21.94	0.1563
Middle		1	12	21.41	0.1384	21.44	0.1393
Highest		1	12	21.65	0.1462	21.46	0.1400
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.35	0.1718	22.54	0.1795
Middle		1	0	22.15	0.1641	22.23	0.1671
Highest		1	0	21.94	0.1563	21.96	0.1570
Lowest	16QAM	1	0	21.89	0.1545	21.95	0.1567
Middle		1	25	21.75	0.1496	21.76	0.1500
Highest		1	0	21.39	0.1377	21.29	0.1346
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.67	0.1849	22.76	0.1888
Middle		1	0	22.60	0.1820	22.51	0.1782
Highest		1	0	22.45	0.1758	22.41	0.1742
Lowest	16QAM	1	0	21.78	0.1507	21.85	0.1531
Middle		1	0	21.67	0.1469	21.63	0.1455
Highest		1	0	21.53	0.1422	21.48	0.1406
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.69	0.1858	22.76	0.1888
Middle		1	0	22.54	0.1795	22.59	0.1816
Highest		1	0	22.55	0.1799	22.54	0.1795
Lowest	16QAM	1	0	21.93	0.1560	22.03	0.1596
Middle		1	0	21.77	0.1503	21.84	0.1528
Highest		1	0	21.66	0.1466	21.65	0.1462
Limit	EIRP < 1W			Result		PASS	

Radiated Spurious Emission

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.74	-55.96	-13	-42.96	-67.04	-62.38	6.18	12.60	H
	5195.61	-46.50	-13	-33.50	-65.46	-51.46	7.74	12.70	H
	6927.48	-49.60	-13	-36.60	-73.22	-52.30	9.00	11.70	H
	3463.74	-52.30	-13	-39.30	-65.16	-58.72	6.18	12.60	V
	5195.61	-49.23	-13	-36.23	-68.63	-54.19	7.74	12.70	V
	6927.48	-49.74	-13	-36.74	-73.07	-52.44	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-52.62	-13	-39.62	-63.70	-59.04	6.18	12.60	H
	5193.72	-44.36	-13	-31.36	-63.32	-49.32	7.74	12.70	H
	6924.96	-49.64	-13	-36.64	-73.26	-52.34	9.00	11.70	H
	3462.48	-55.22	-13	-42.22	-68.08	-61.64	6.18	12.60	V
	5193.72	-47.99	-13	-34.99	-67.39	-52.95	7.74	12.70	V
	6924.96	-49.60	-13	-36.60	-72.93	-52.30	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-54.87	-13	-41.87	-65.95	-61.29	6.18	12.60	H
	5191.02	-48.66	-13	-35.66	-67.62	-53.62	7.74	12.70	H
	6921.36	-50.16	-13	-37.16	-73.78	-52.86	9.00	11.70	H
	3460.68	-54.18	-13	-41.18	-67.04	-60.60	6.18	12.60	V
	5191.02	-48.31	-13	-35.31	-67.71	-53.27	7.74	12.70	V
	6921.36	-50.16	-13	-37.16	-73.49	-52.86	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-53.85	-13	-40.85	-64.93	-60.27	6.18	12.60	H
	5184.27	-45.14	-13	-32.14	-64.10	-50.10	7.74	12.70	H
	6912.36	-49.50	-13	-36.50	-73.12	-52.20	9.00	11.70	H
	3456.18	-54.94	-13	-41.94	-67.8	-61.36	6.18	12.60	V
	5184.27	-50.92	-13	-37.92	-70.32	-55.88	7.74	12.70	V
	6912.36	-49.56	-13	-36.56	-72.89	-52.26	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-55.35	-13	-42.35	-66.43	-61.77	6.18	12.60	H
	5177.52	-48.70	-13	-35.70	-67.66	-53.66	7.74	12.70	H
	6903.36	-49.64	-13	-36.64	-73.26	-52.34	9.00	11.70	H
	3451.68	-52.25	-13	-39.25	-65.11	-58.67	6.18	12.60	V
	5177.52	-50.38	-13	-37.38	-69.78	-55.34	7.74	12.70	V
	6903.36	-49.68	-13	-36.68	-73.01	-52.38	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-54.87	-13	-41.87	-65.95	-61.29	6.18	12.60	H
	5170.77	-46.07	-13	-33.07	-65.03	-51.03	7.74	12.70	H
	6894.36	-49.83	-13	-36.83	-73.45	-52.53	9.00	11.70	H
	3447.18	-50.16	-13	-37.16	-63.02	-56.58	6.18	12.60	V
	5170.77	-43.10	-13	-30.10	-62.5	-48.06	7.74	12.70	V
	6894.36	-50.06	-13	-37.06	-73.39	-52.76	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.