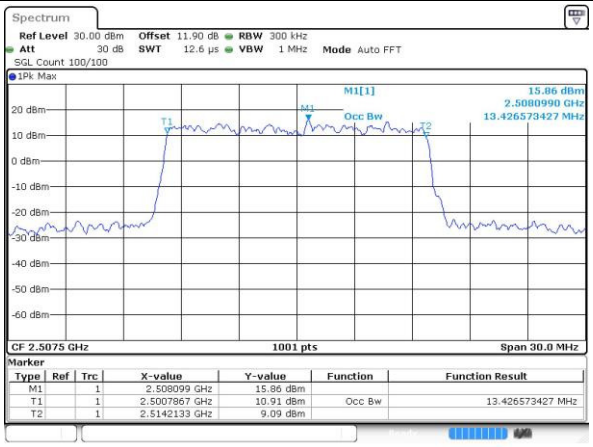
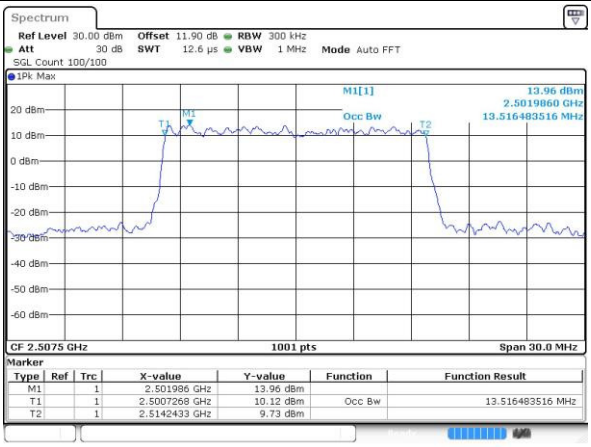
LTE Band 7

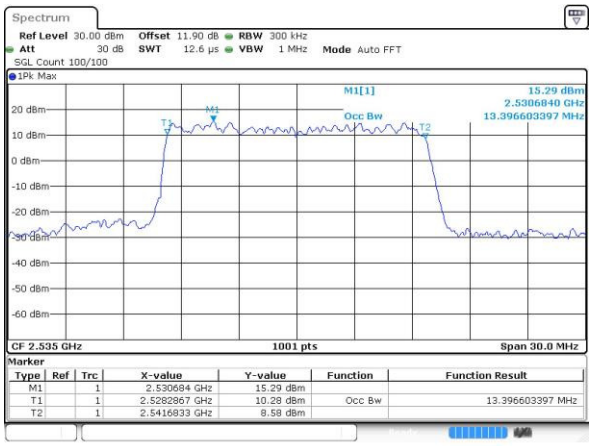
Lowest Channel / 15MHz / QPSK



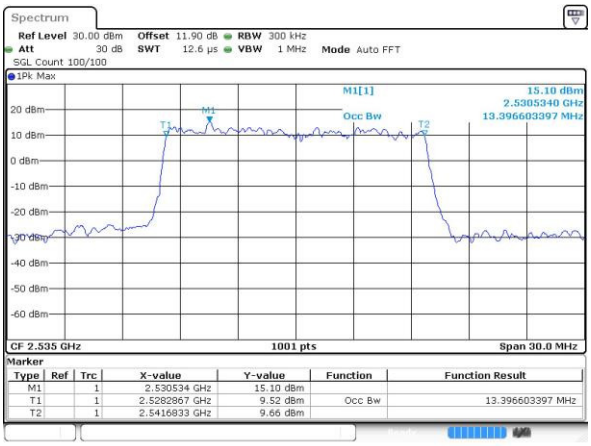
Lowest Channel / 15MHz / 16QAM



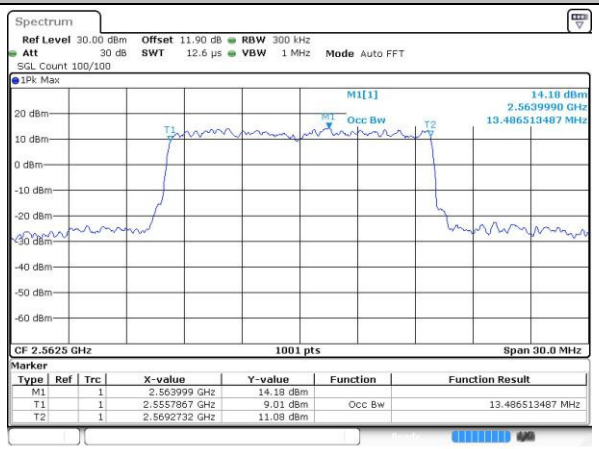
Middle Channel / 15MHz / QPSK



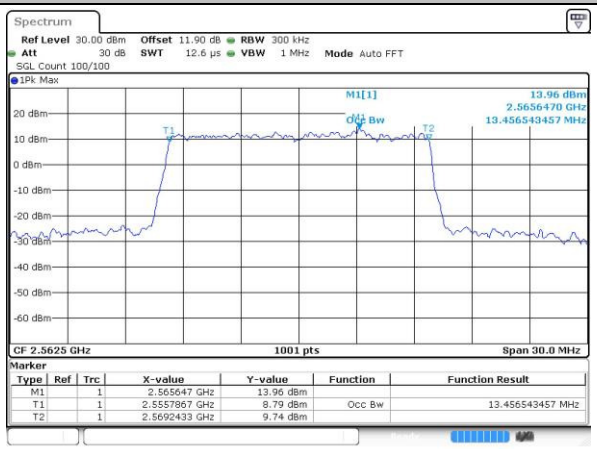
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

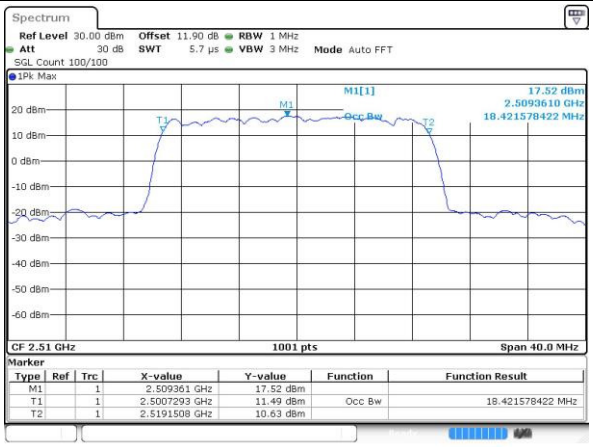


Highest Channel / 15MHz / 16QAM

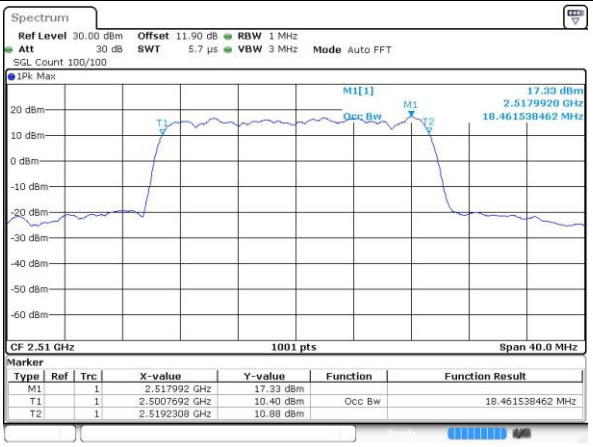


LTE Band 7

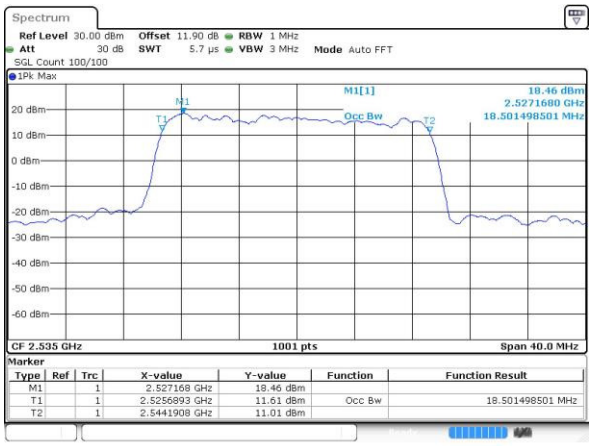
Lowest Channel / 20MHz / QPSK



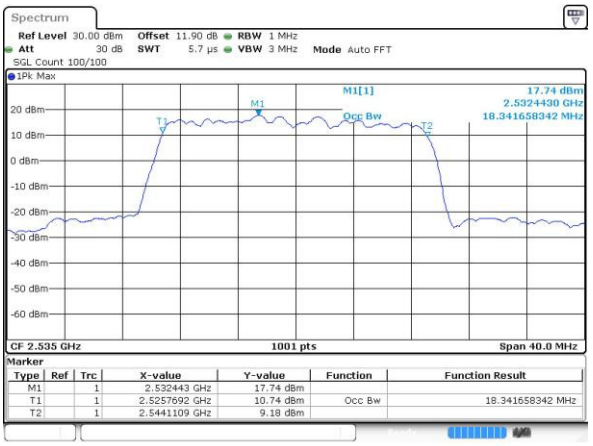
Lowest Channel / 20MHz / 16QAM



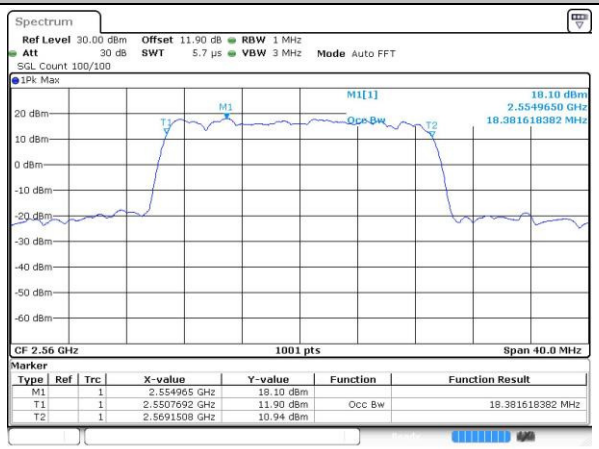
Middle Channel / 20MHz / QPSK



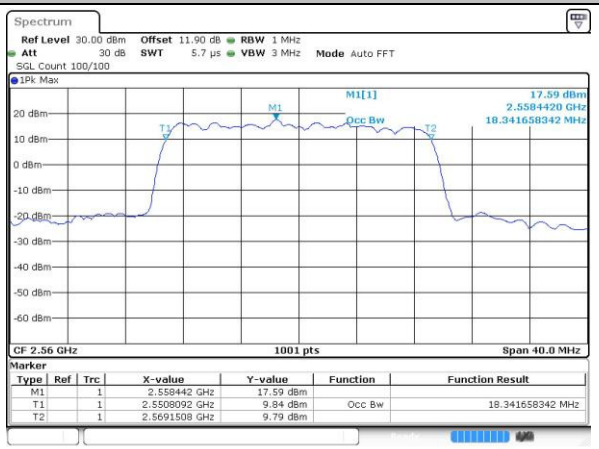
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



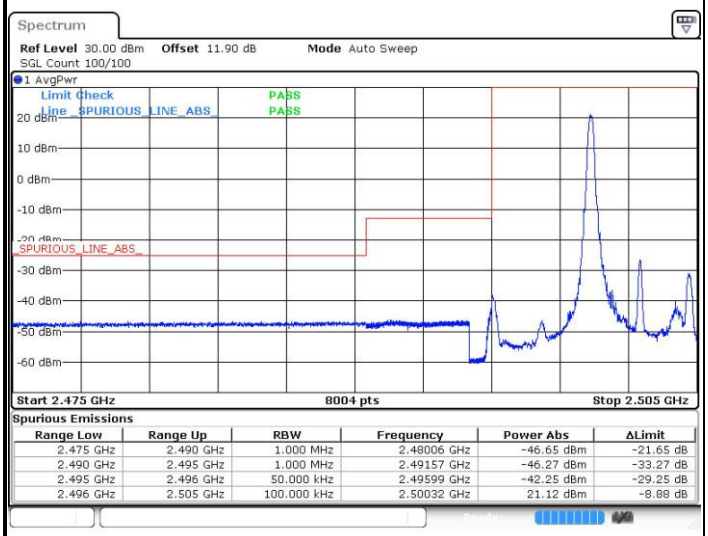
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

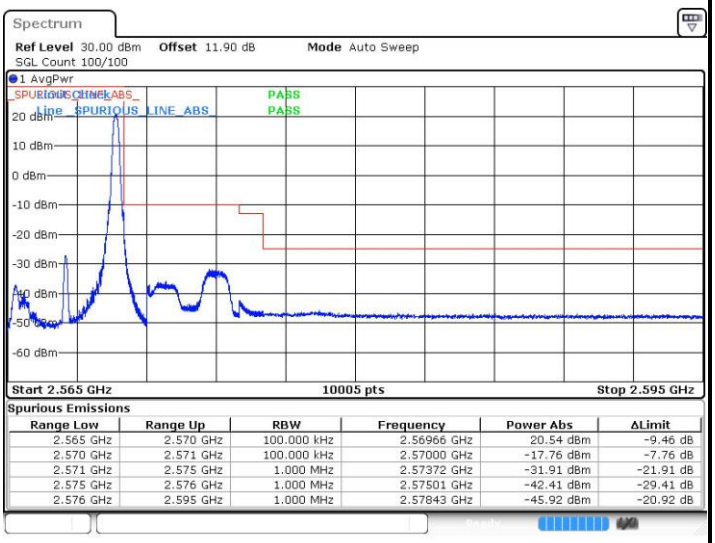


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48006 GHz	-46.65 dBm	-21.65 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49157 GHz	-46.27 dBm	-33.27 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-42.25 dBm	-29.25 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	21.12 dBm	-8.88 dB

Date: 17.FEB.2017 11:15:09

Highest Band Edge / 1 RB

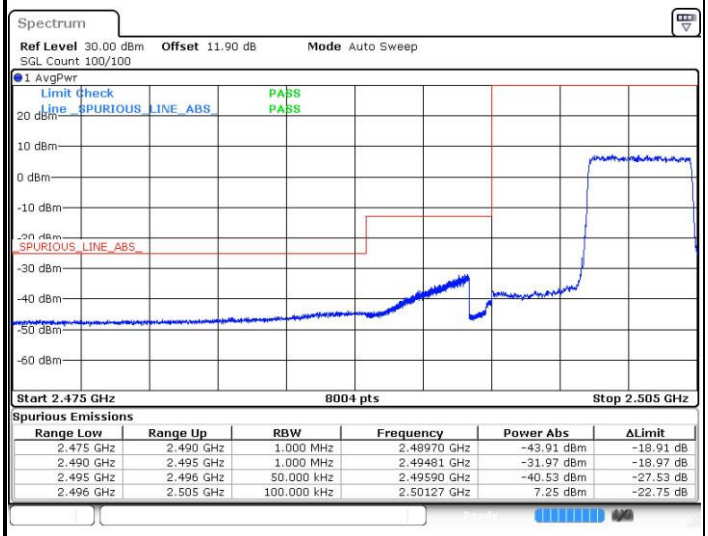


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	20.54 dBm	-9.46 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-17.76 dBm	-7.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57372 GHz	-31.91 dBm	-21.91 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-42.41 dBm	-29.41 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57843 GHz	-45.92 dBm	-20.92 dB

Date: 17.FEB.2017 11:24:46

Lowest Band Edge / Full RB

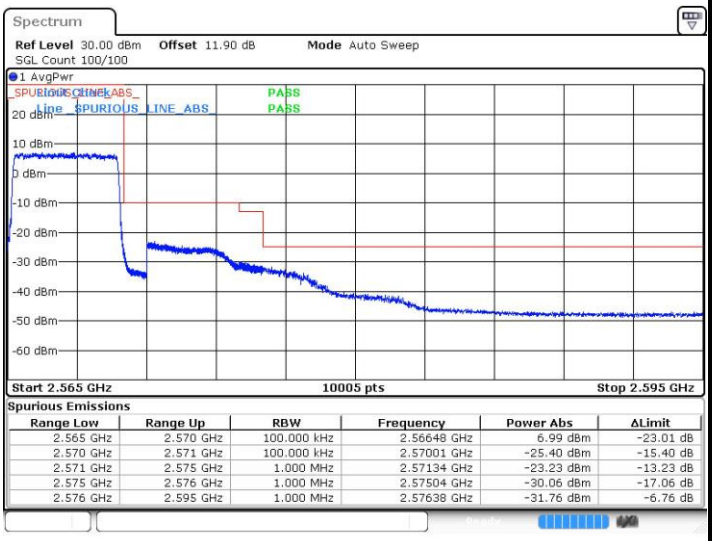


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48970 GHz	-43.91 dBm	-18.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49481 GHz	-31.97 dBm	-18.97 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49590 GHz	-40.53 dBm	-27.53 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50127 GHz	7.25 dBm	-22.75 dB

Date: 17.FEB.2017 11:17:29

Highest Band Edge / Full RB



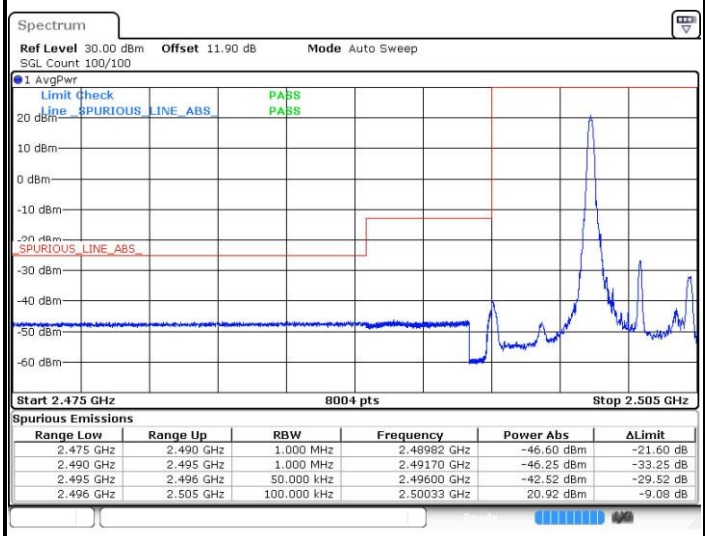
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56648 GHz	6.99 dBm	-23.01 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-25.40 dBm	-15.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57134 GHz	-23.23 dBm	-13.23 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-30.06 dBm	-17.06 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57638 GHz	-31.76 dBm	-6.76 dB

Date: 17.FEB.2017 11:27:06

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

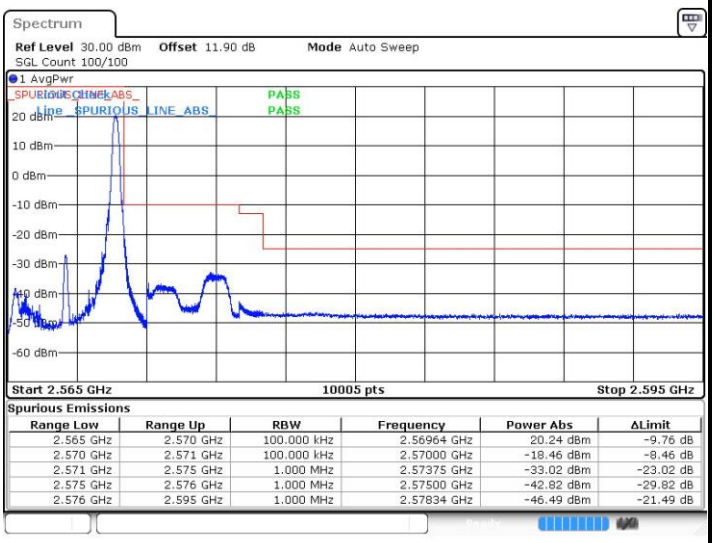


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48982 GHz	-46.60 dBm	-21.60 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49170 GHz	-46.25 dBm	-33.25 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-42.52 dBm	-29.52 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.92 dBm	-9.08 dB

Date: 17.FEB.2017 11:16:19

Highest Band Edge / 1 RB

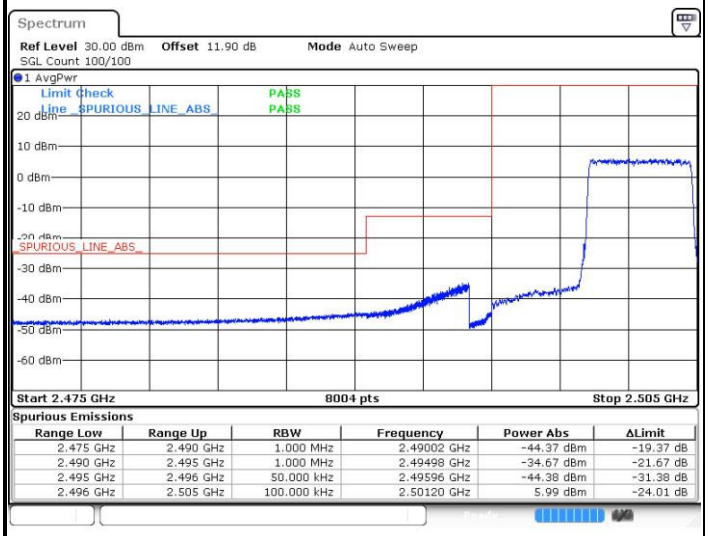


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	20.24 dBm	-9.76 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-18.46 dBm	-8.46 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57375 GHz	-33.02 dBm	-23.02 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-42.82 dBm	-29.82 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57834 GHz	-46.49 dBm	-21.49 dB

Date: 17.FEB.2017 11:25:56

Lowest Band Edge / Full RB

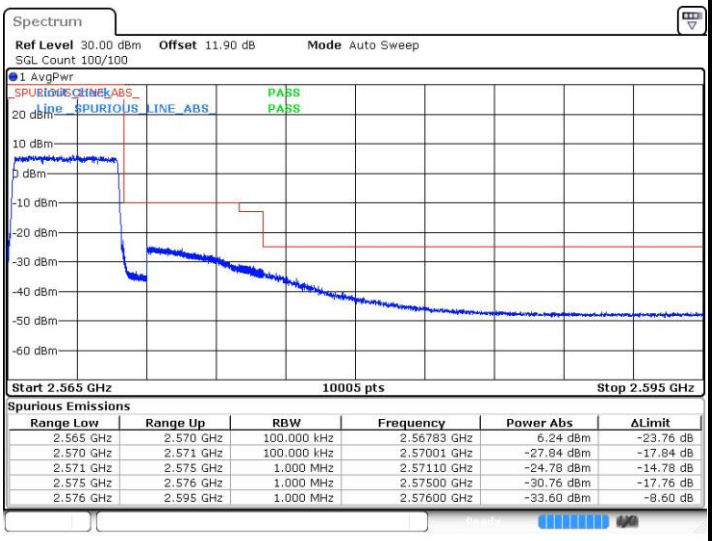


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49002 GHz	-44.37 dBm	-19.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-34.67 dBm	-21.67 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49596 GHz	-44.38 dBm	-31.38 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50120 GHz	5.99 dBm	-24.01 dB

Date: 17.FEB.2017 11:18:39

Highest Band Edge / Full RB



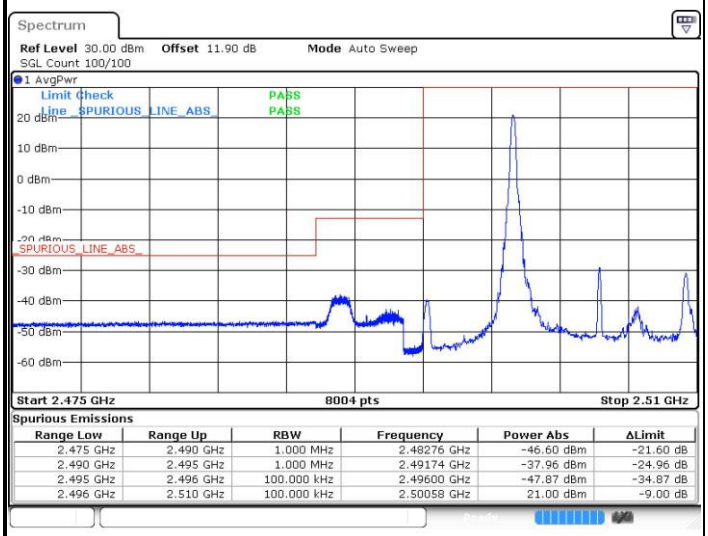
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56783 GHz	6.24 dBm	-23.76 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-27.84 dBm	-17.84 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-24.78 dBm	-14.78 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-30.76 dBm	-17.76 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57600 GHz	-33.60 dBm	-8.60 dB

Date: 17.FEB.2017 11:28:16

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

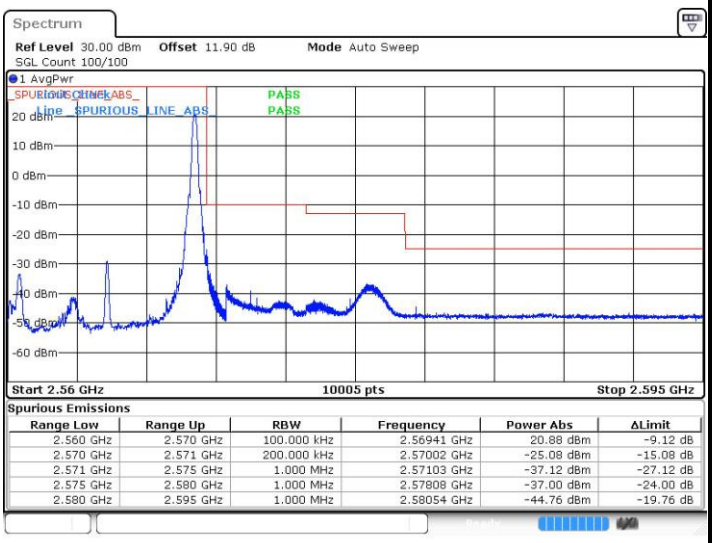


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48276 GHz	-46.60 dBm	-21.60 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49174 GHz	-37.96 dBm	-24.96 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-47.87 dBm	-34.87 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	21.00 dBm	-9.00 dB

Date: 17.FEB.2017 11:31:54

Highest Band Edge / 1 RB

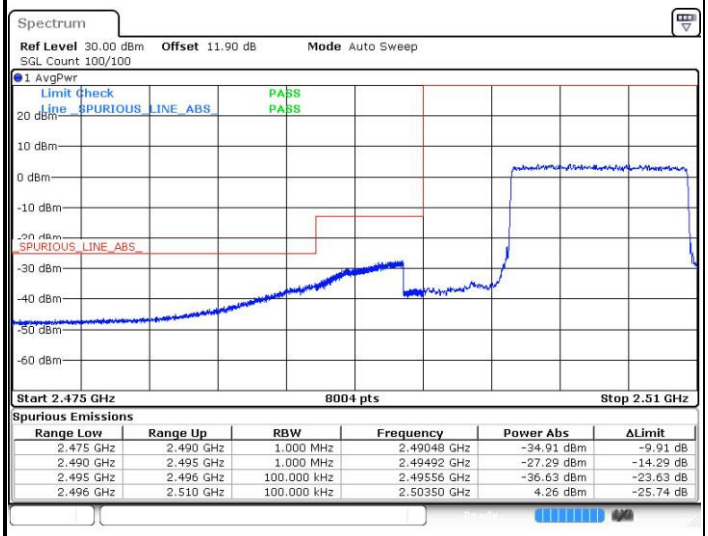


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	20.88 dBm	-9.12 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-25.08 dBm	-15.08 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-37.12 dBm	-27.12 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57808 GHz	-37.00 dBm	-24.00 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58054 GHz	-44.76 dBm	-19.76 dB

Date: 17.FEB.2017 11:41:31

Lowest Band Edge / Full RB

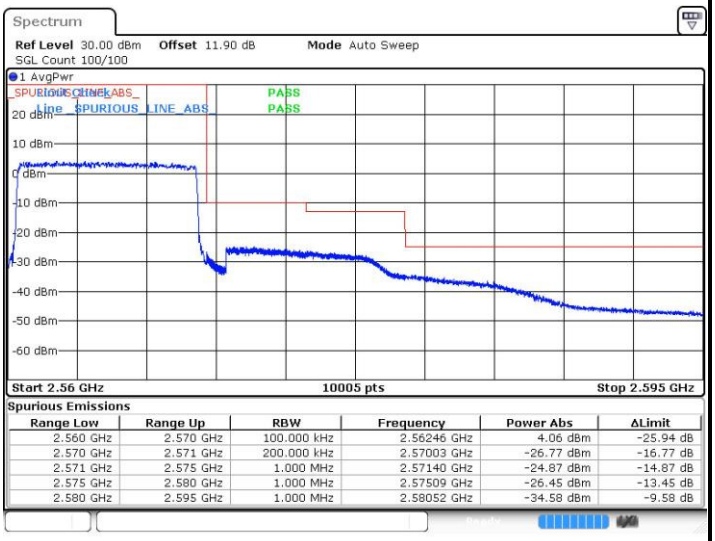


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-34.91 dBm	-9.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-27.29 dBm	-14.29 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49556 GHz	-36.63 dBm	-23.63 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50350 GHz	4.26 dBm	-25.74 dB

Date: 17.FEB.2017 11:34:14

Highest Band Edge / Full RB



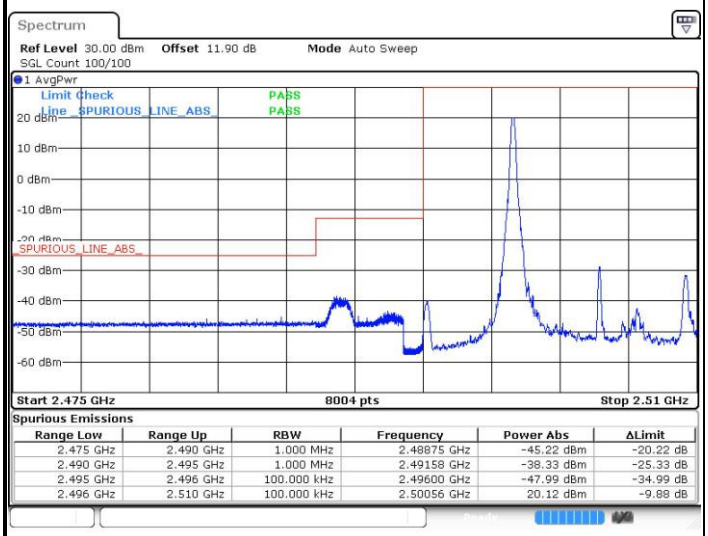
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56246 GHz	4.06 dBm	-25.94 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-26.77 dBm	-16.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57140 GHz	-24.87 dBm	-14.87 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57509 GHz	-26.45 dBm	-13.45 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58052 GHz	-34.58 dBm	-9.58 dB

Date: 17.FEB.2017 11:43:51

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

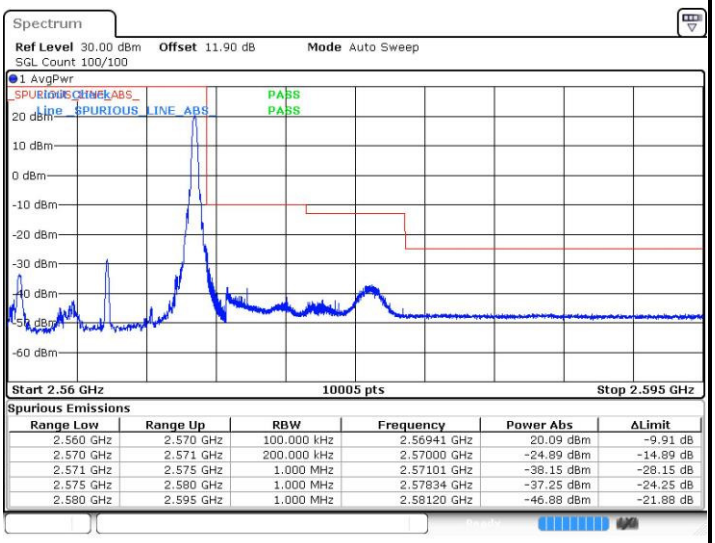


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48875 GHz	-45.22 dBm	-20.22 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49158 GHz	-38.33 dBm	-25.33 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-47.99 dBm	-34.99 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50056 GHz	20.12 dBm	-9.88 dB

Date: 17.FEB.2017 11:33:04

Highest Band Edge / 1 RB

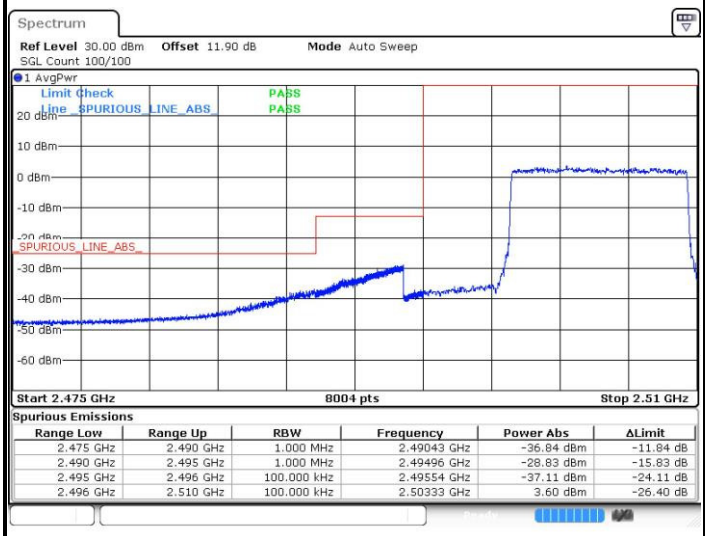


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	20.09 dBm	-9.91 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-24.89 dBm	-14.89 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-38.15 dBm	-28.15 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57834 GHz	-37.25 dBm	-24.25 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58120 GHz	-46.88 dBm	-21.88 dB

Date: 17.FEB.2017 11:42:41

Lowest Band Edge / Full RB

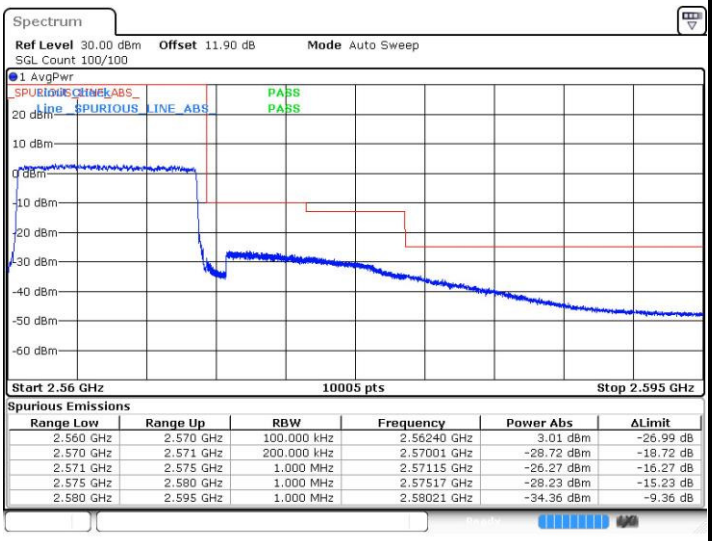


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-36.84 dBm	-11.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-28.83 dBm	-15.83 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49554 GHz	-37.11 dBm	-24.11 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50333 GHz	3.60 dBm	-26.40 dB

Date: 17.FEB.2017 11:35:23

Highest Band Edge / Full RB



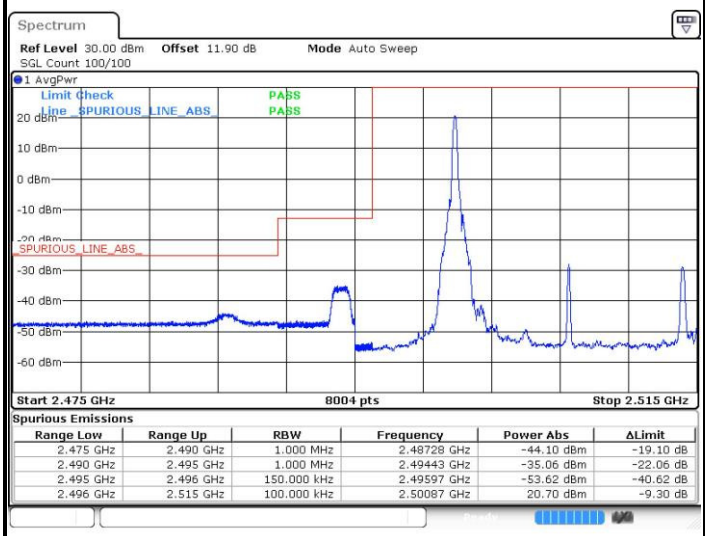
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56240 GHz	3.01 dBm	-26.99 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-28.72 dBm	-18.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-26.27 dBm	-16.27 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57517 GHz	-28.23 dBm	-15.23 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58021 GHz	-34.36 dBm	-9.36 dB

Date: 17.FEB.2017 11:45:01

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

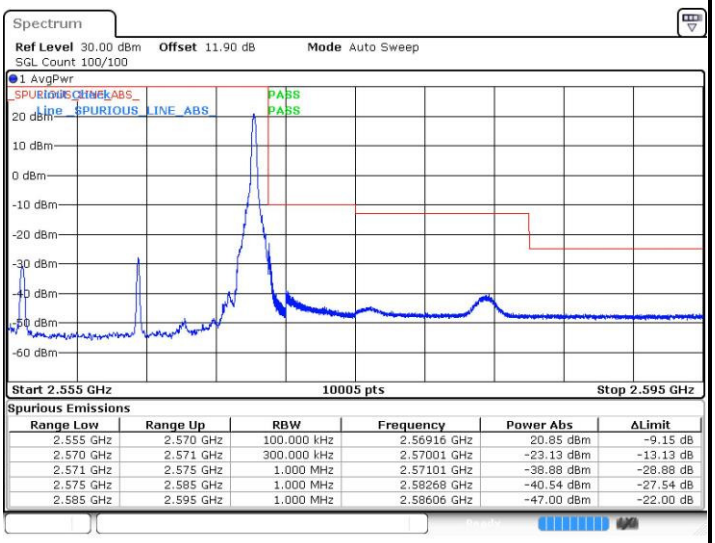


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48728 GHz	-44.10 dBm	-19.10 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49443 GHz	-35.06 dBm	-22.06 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49597 GHz	-53.62 dBm	-40.62 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	20.70 dBm	-9.30 dB

Date: 17.FEB.2017 11:48:39

Highest Band Edge / 1 RB

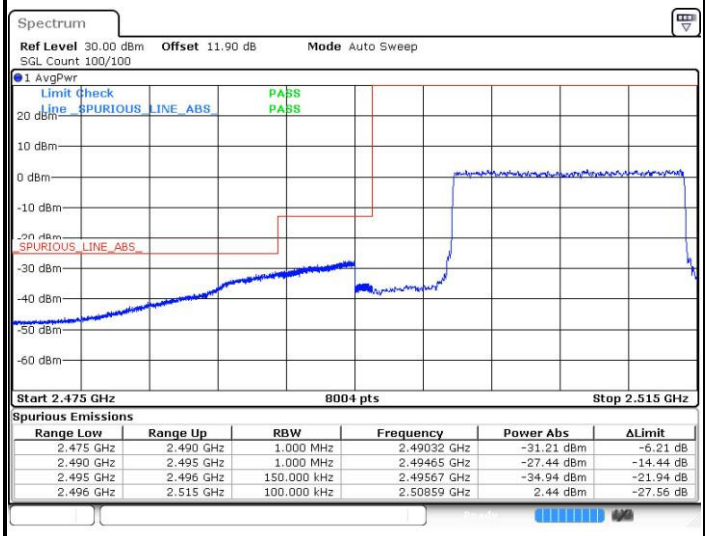


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	20.85 dBm	-9.15 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-23.13 dBm	-13.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-38.88 dBm	-28.88 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58268 GHz	-40.54 dBm	-27.54 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58606 GHz	-47.00 dBm	-22.00 dB

Date: 17.FEB.2017 11:58:16

Lowest Band Edge / Full RB

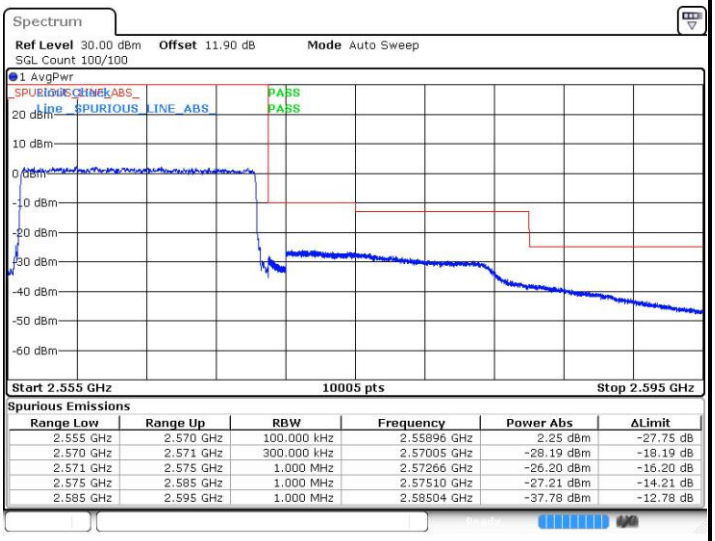


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49032 GHz	-31.21 dBm	-6.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49465 GHz	-27.44 dBm	-14.44 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49567 GHz	-34.94 dBm	-21.94 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50859 GHz	2.44 dBm	-27.56 dB

Date: 17.FEB.2017 11:50:59

Highest Band Edge / Full RB



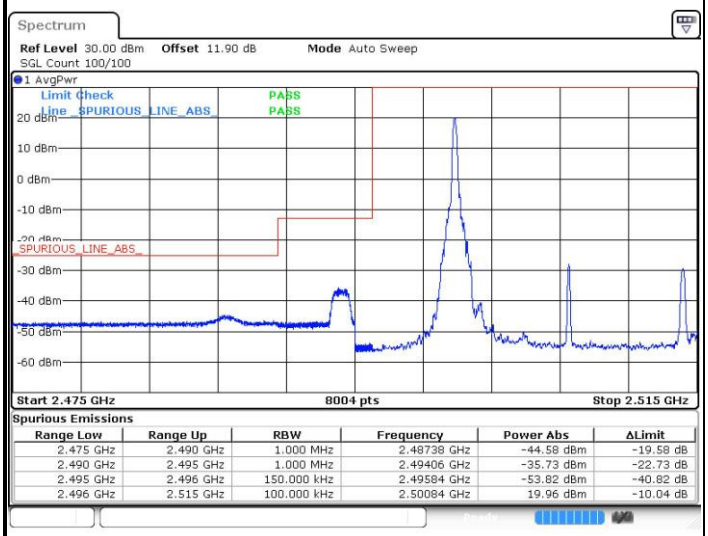
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55896 GHz	2.25 dBm	-27.75 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-28.19 dBm	-18.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57266 GHz	-26.20 dBm	-16.20 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57510 GHz	-27.21 dBm	-14.21 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58504 GHz	-37.78 dBm	-12.78 dB

Date: 17.FEB.2017 12:00:36

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

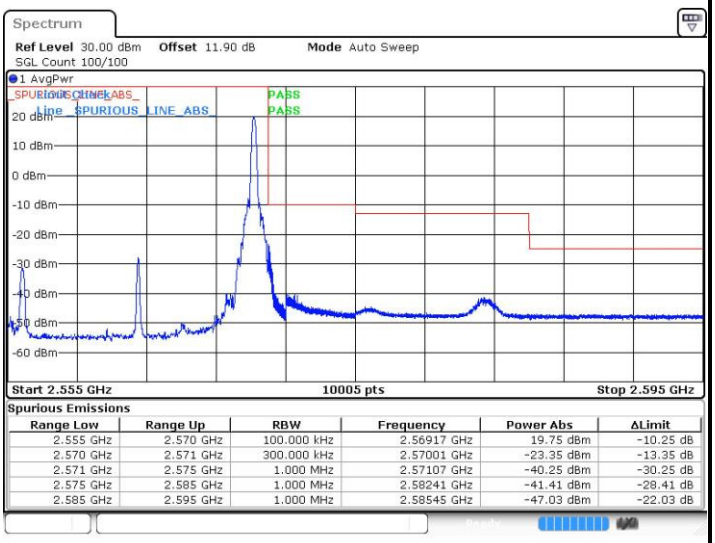


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48738 GHz	-44.58 dBm	-19.58 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49406 GHz	-35.73 dBm	-22.73 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49584 GHz	-53.82 dBm	-40.82 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.96 dBm	-10.04 dB

Date: 17.FEB.2017 11:49:49

Highest Band Edge / 1 RB

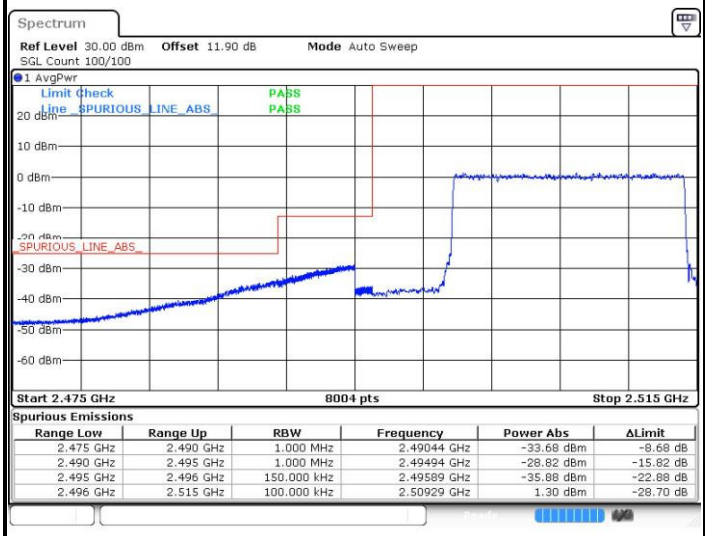


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	19.75 dBm	-10.25 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-23.35 dBm	-13.35 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-40.25 dBm	-30.25 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58241 GHz	-41.41 dBm	-28.41 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58545 GHz	-47.03 dBm	-22.03 dB

Date: 17.FEB.2017 11:59:26

Lowest Band Edge / Full RB

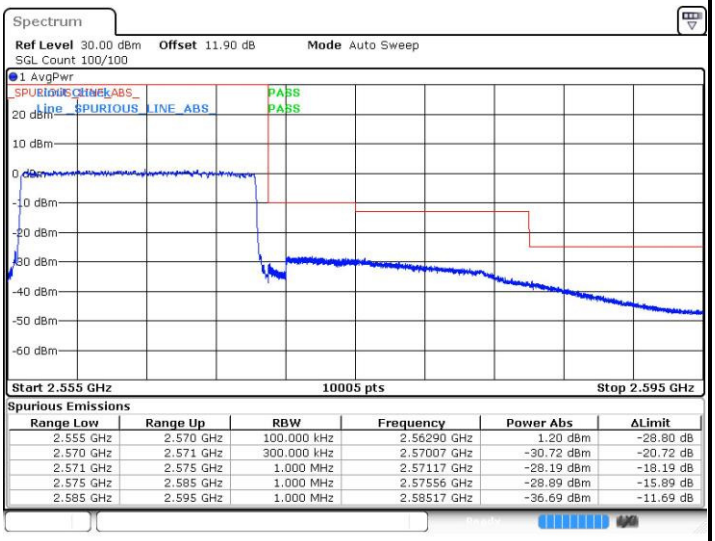


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-33.68 dBm	-8.68 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-28.82 dBm	-15.82 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49589 GHz	-35.88 dBm	-22.88 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50929 GHz	1.30 dBm	-28.70 dB

Date: 17.FEB.2017 11:52:08

Highest Band Edge / Full RB



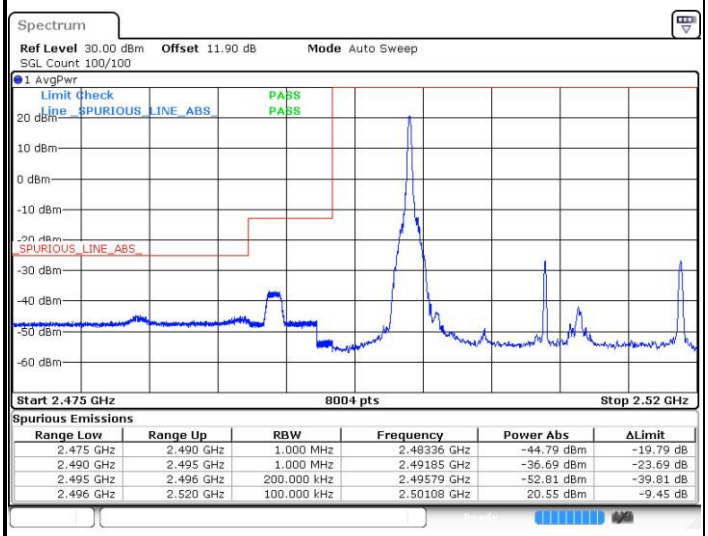
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56290 GHz	1.20 dBm	-28.80 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57007 GHz	-30.72 dBm	-20.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-28.19 dBm	-18.19 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57556 GHz	-28.89 dBm	-15.89 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58517 GHz	-36.69 dBm	-11.69 dB

Date: 17.FEB.2017 12:01:46

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

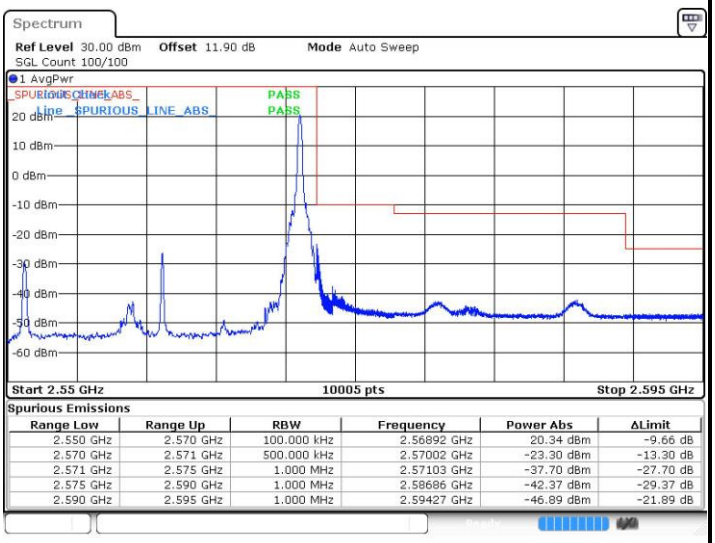


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48336 GHz	-44.79 dBm	-19.79 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49185 GHz	-36.69 dBm	-23.69 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49579 GHz	-52.81 dBm	-39.81 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	20.55 dBm	-9.45 dB

Date: 17.FEB.2017 12:05:24

Highest Band Edge / 1 RB

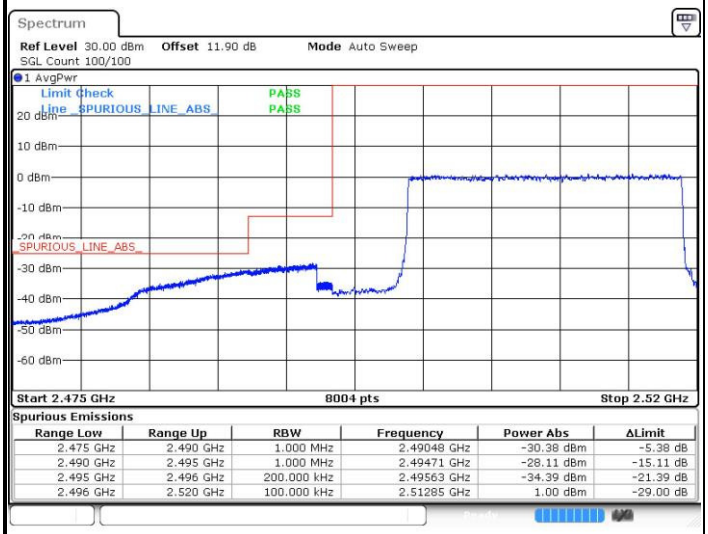


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	20.34 dBm	-9.66 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-23.30 dBm	-13.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-37.70 dBm	-27.70 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58686 GHz	-42.37 dBm	-29.37 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59427 GHz	-46.89 dBm	-21.89 dB

Date: 17.FEB.2017 12:14:59

Lowest Band Edge / Full RB

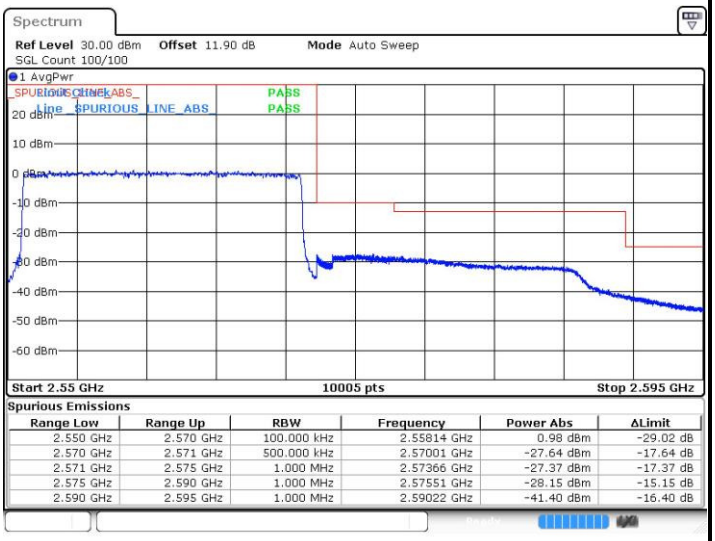


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-30.38 dBm	-5.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49471 GHz	-28.11 dBm	-15.11 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49563 GHz	-34.39 dBm	-21.39 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51285 GHz	1.00 dBm	-29.00 dB

Date: 17.FEB.2017 12:07:43

Highest Band Edge / Full RB



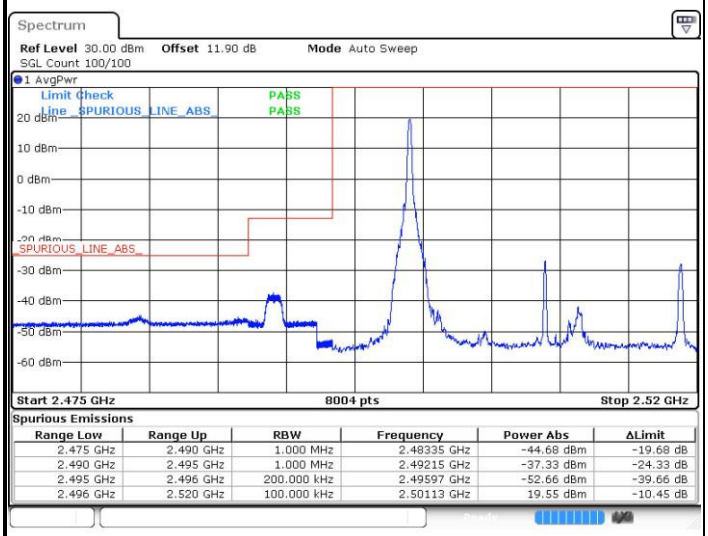
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55814 GHz	0.98 dBm	-29.02 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-27.64 dBm	-17.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57366 GHz	-27.37 dBm	-17.37 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57551 GHz	-28.15 dBm	-15.15 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59022 GHz	-41.40 dBm	-16.40 dB

Date: 17.FEB.2017 12:18:28

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

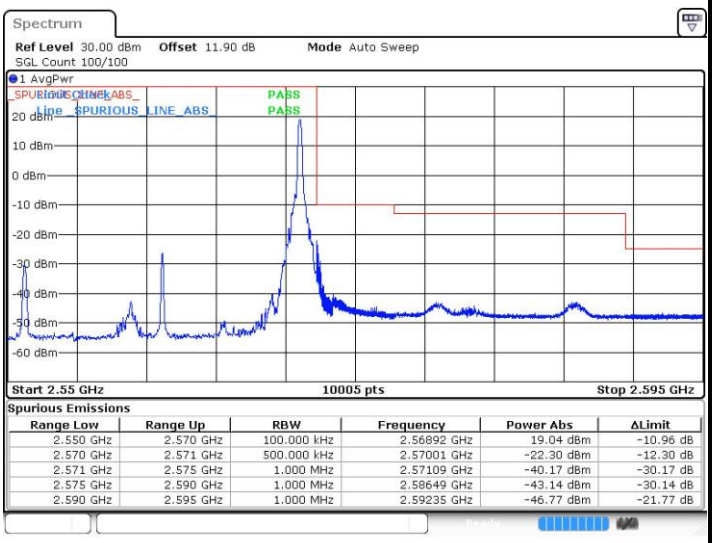


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48335 GHz	-44.68 dBm	-19.68 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49215 GHz	-37.33 dBm	-24.33 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49597 GHz	-52.66 dBm	-39.66 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50113 GHz	19.55 dBm	-10.45 dB

Date: 17.FEB.2017 12:06:33

Highest Band Edge / 1RB

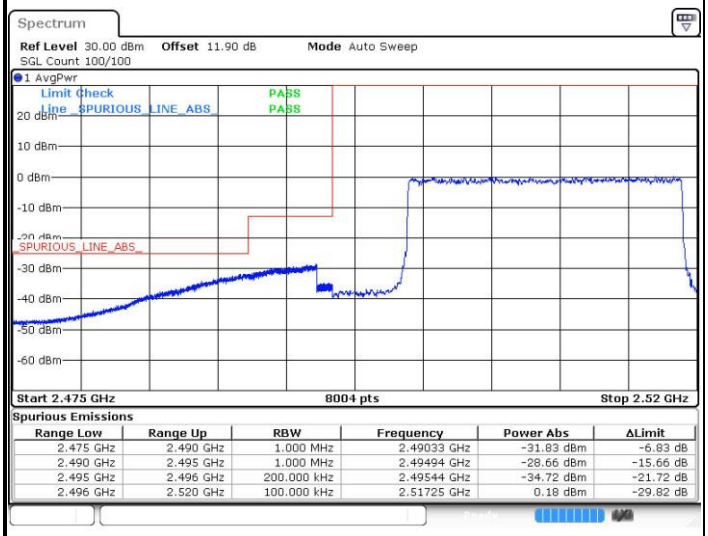


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.04 dBm	-10.96 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-22.30 dBm	-12.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-40.17 dBm	-30.17 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58649 GHz	-43.14 dBm	-30.14 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59235 GHz	-46.77 dBm	-21.77 dB

Date: 17.FEB.2017 12:16:08

Lowest Band Edge / Full RB

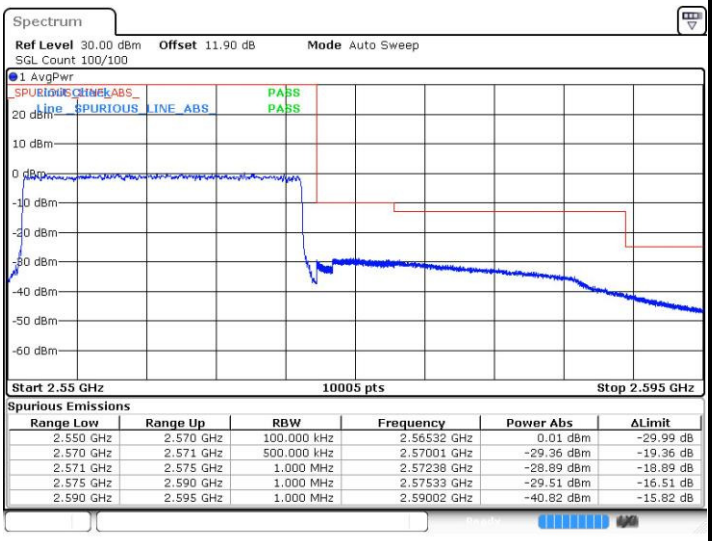


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-31.83 dBm	-6.83 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-28.66 dBm	-15.66 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49544 GHz	-34.72 dBm	-21.72 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51725 GHz	0.18 dBm	-29.82 dB

Date: 17.FEB.2017 12:08:53

Highest Band Edge / Full RB



Spurious Emissions

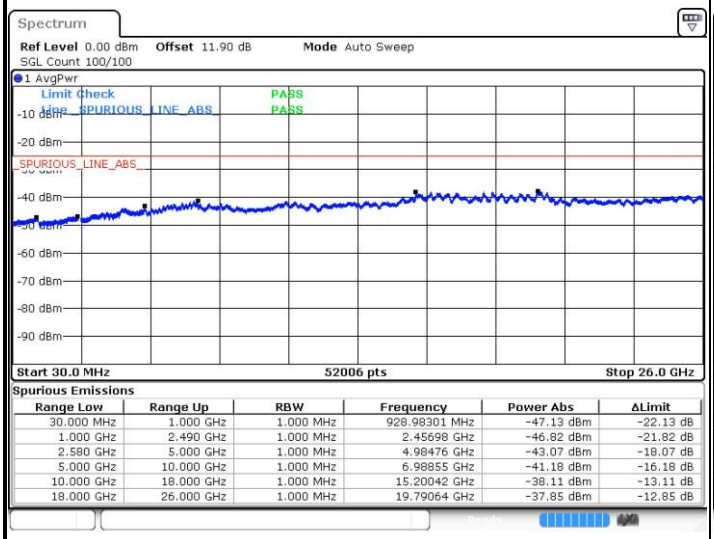
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56532 GHz	0.01 dBm	-29.99 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-29.36 dBm	-19.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57238 GHz	-28.89 dBm	-18.89 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57533 GHz	-29.51 dBm	-16.51 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59002 GHz	-40.82 dBm	-15.82 dB

Date: 17.FEB.2017 12:17:18

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

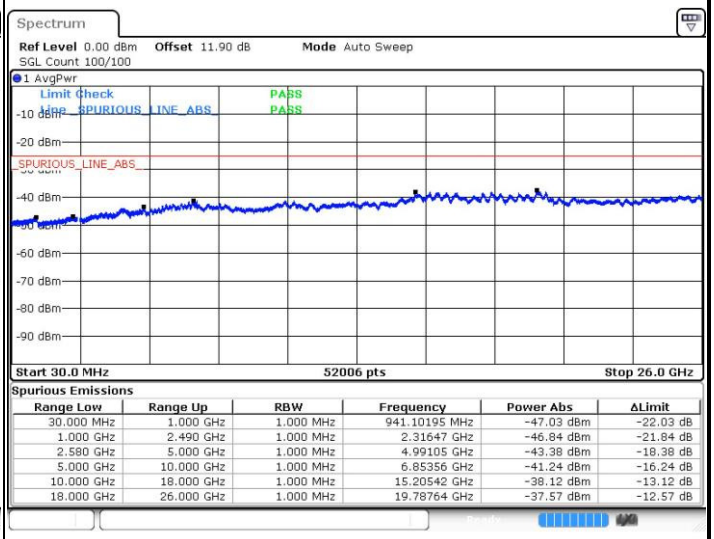


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-47.13 dBm	-22.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45698 GHz	-46.82 dBm	-21.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.07 dBm	-18.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98855 GHz	-41.18 dBm	-16.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20042 GHz	-38.11 dBm	-13.11 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.85 dBm	-12.85 dB

Date: 17.FEB.2017 11:19:33

Lowest Channel / 16QAM

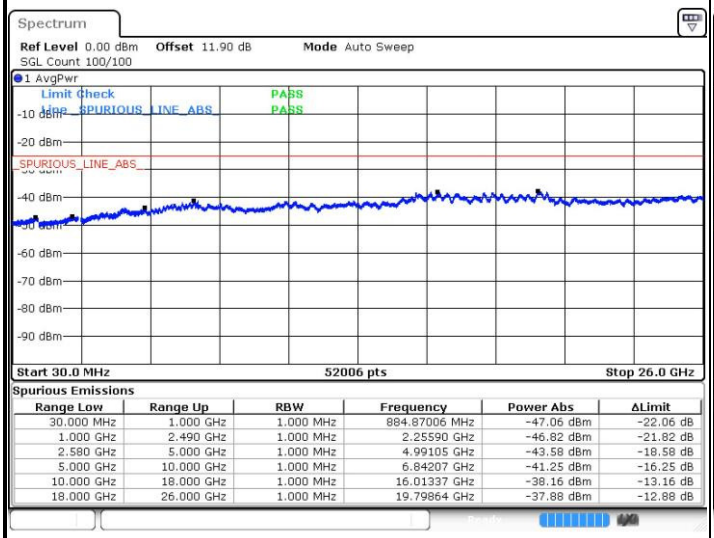


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-47.03 dBm	-22.03 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31647 GHz	-46.84 dBm	-21.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99105 GHz	-43.38 dBm	-18.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85356 GHz	-41.24 dBm	-16.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20542 GHz	-38.12 dBm	-13.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78764 GHz	-37.57 dBm	-12.57 dB

Date: 17.FEB.2017 11:20:26

Middle Channel / QPSK

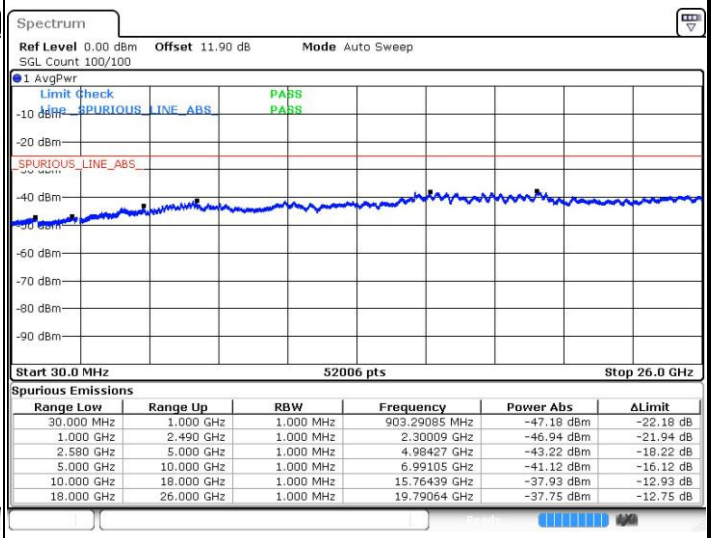


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-47.06 dBm	-22.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.25590 GHz	-46.82 dBm	-21.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99105 GHz	-43.58 dBm	-18.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84207 GHz	-41.25 dBm	-16.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.01337 GHz	-38.16 dBm	-13.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-37.88 dBm	-12.88 dB

Date: 17.FEB.2017 11:22:02

Middle Channel / 16QAM



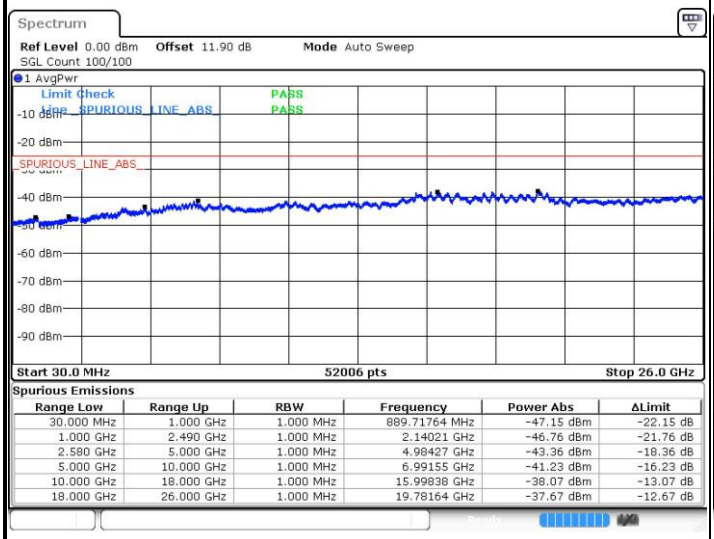
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-47.18 dBm	-22.18 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30009 GHz	-46.94 dBm	-21.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.22 dBm	-18.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76439 GHz	-37.93 dBm	-12.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.75 dBm	-12.75 dB

Date: 17.FEB.2017 11:22:55

LTE Band 7 / 5MHz

Highest Channel / QPSK

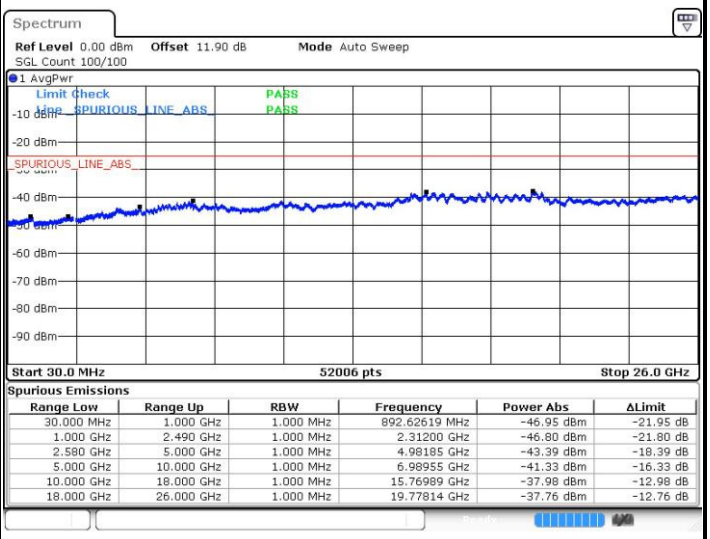


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-47.15 dBm	-22.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14021 GHz	-46.76 dBm	-21.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.36 dBm	-18.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.23 dBm	-16.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.99838 GHz	-38.07 dBm	-13.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-37.67 dBm	-12.67 dB

Date: 17.FEB.2017 11:29:10

Highest Channel / 16QAM



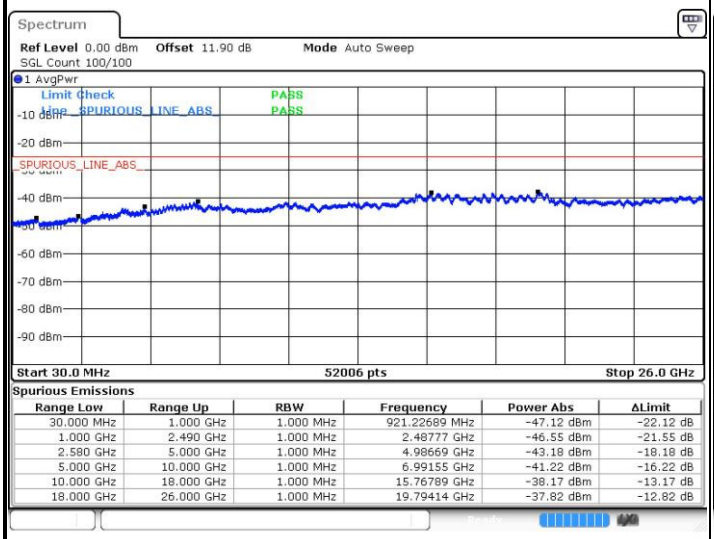
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-46.95 dBm	-21.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31200 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.39 dBm	-18.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.33 dBm	-16.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76989 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.77814 GHz	-37.76 dBm	-12.76 dB

Date: 17.FEB.2017 11:30:03

LTE Band 7 / 10MHz

Lowest Channel / QPSK

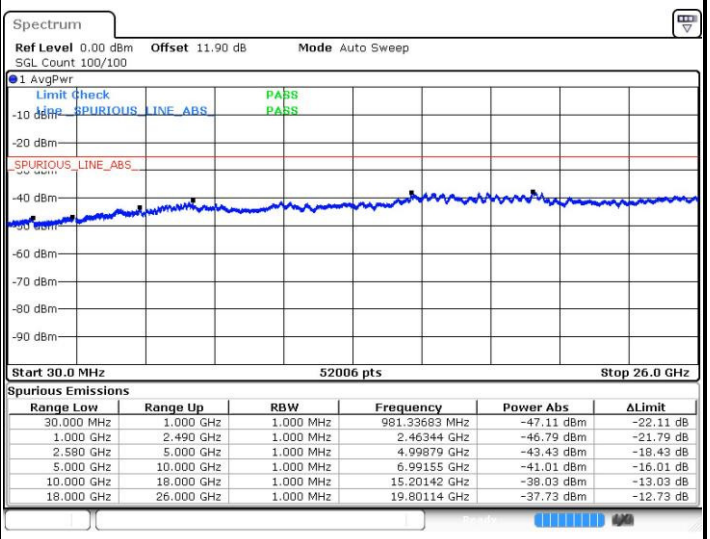


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-47.12 dBm	-22.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.55 dBm	-21.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-43.18 dBm	-18.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.22 dBm	-16.22 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76789 GHz	-38.17 dBm	-13.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.82 dBm	-12.82 dB

Date: 17.FEB.2017 11:36:17

Lowest Channel / 16QAM



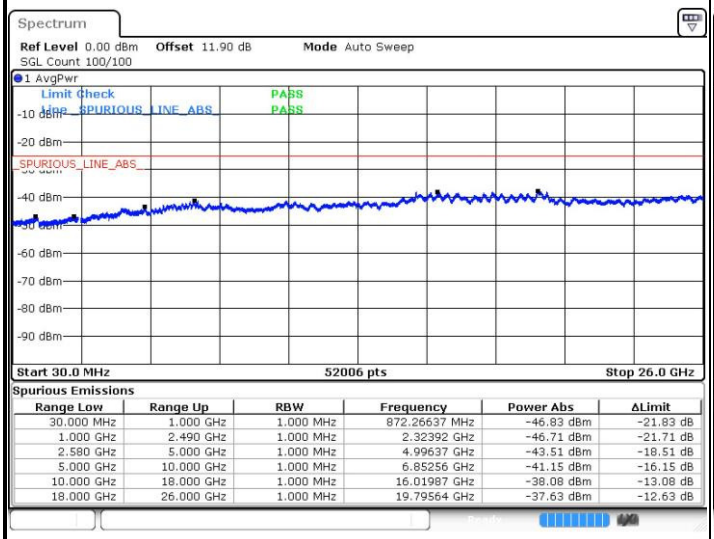
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-47.11 dBm	-22.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46344 GHz	-46.79 dBm	-21.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99879 GHz	-43.43 dBm	-18.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.01 dBm	-16.01 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20142 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80114 GHz	-37.73 dBm	-12.73 dB

Date: 17.FEB.2017 11:37:11

LTE Band 7 / 10MHz

Middle Channel / QPSK

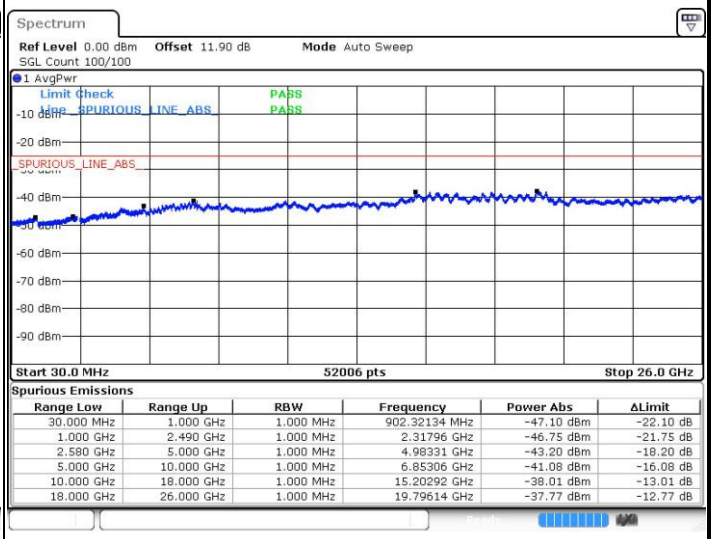


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.26637 MHz	-46.83 dBm	-21.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32392 GHz	-46.71 dBm	-21.71 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-43.51 dBm	-18.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85256 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.01987 GHz	-38.08 dBm	-13.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-37.63 dBm	-12.63 dB

Date: 17.FEB.2017 11:38:47

Middle Channel / 16QAM

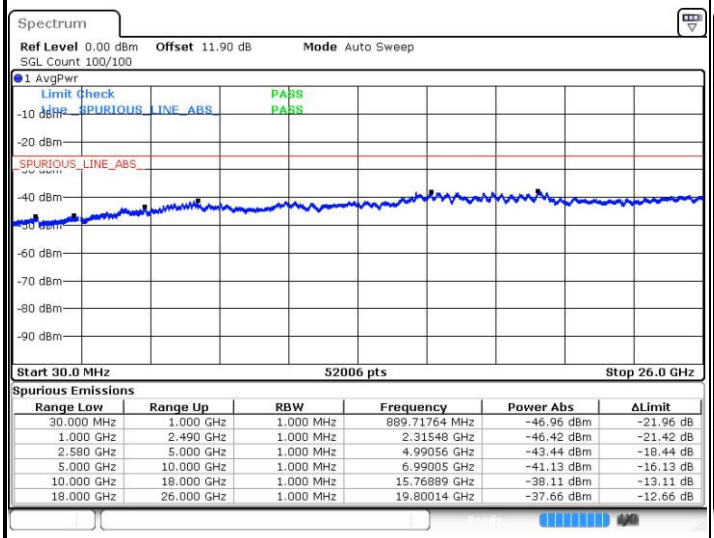


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-47.10 dBm	-22.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31796 GHz	-46.75 dBm	-21.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-43.20 dBm	-18.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85306 GHz	-41.08 dBm	-16.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20292 GHz	-38.01 dBm	-13.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79614 GHz	-37.77 dBm	-12.77 dB

Date: 17.FEB.2017 11:39:40

Highest Channel / QPSK

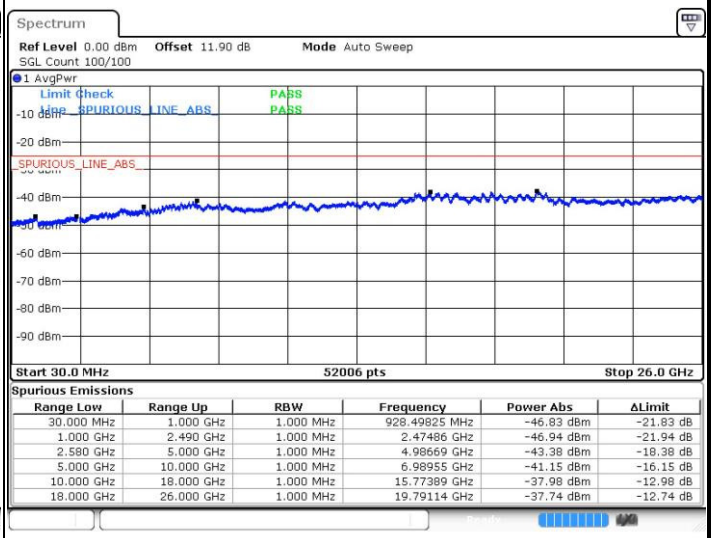


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31548 GHz	-46.42 dBm	-21.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-43.44 dBm	-18.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.13 dBm	-16.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76889 GHz	-38.11 dBm	-13.11 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80014 GHz	-37.66 dBm	-12.66 dB

Date: 17.FEB.2017 11:45:55

Highest Channel / 16QAM



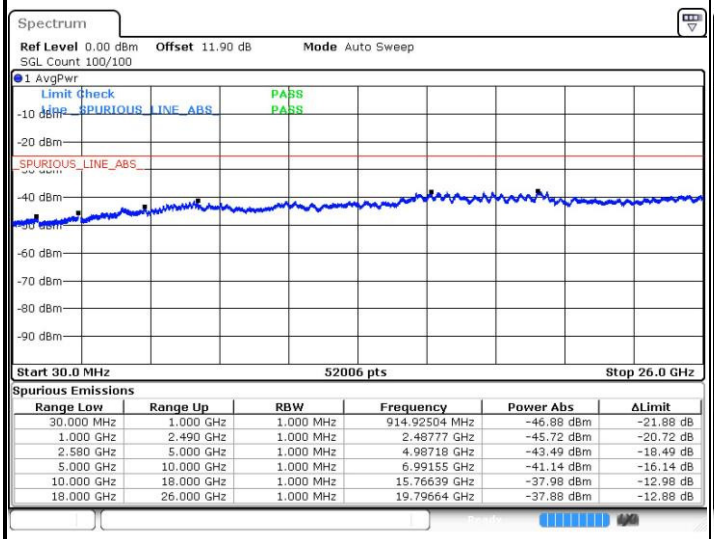
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-46.83 dBm	-21.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-46.94 dBm	-21.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-43.38 dBm	-18.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77389 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79114 GHz	-37.74 dBm	-12.74 dB

Date: 17.FEB.2017 11:46:49

LTE Band 7 / 15MHz

Lowest Channel / QPSK

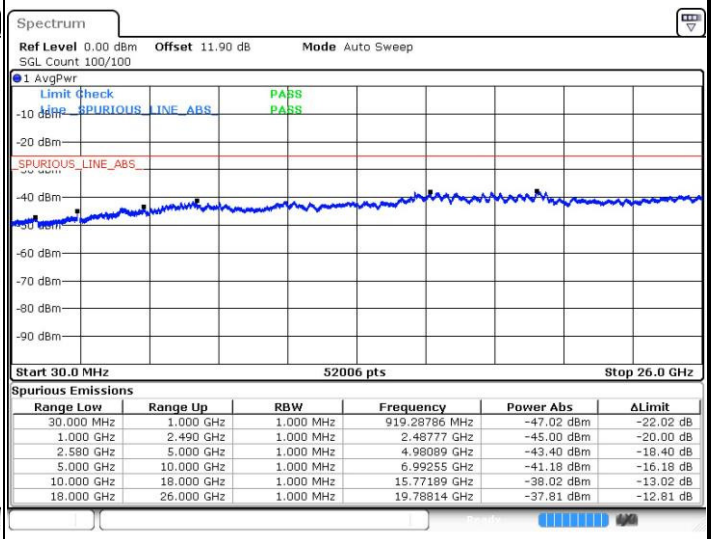


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-46.88 dBm	-21.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-45.72 dBm	-20.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98718 GHz	-43.49 dBm	-18.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.14 dBm	-16.14 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76639 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79664 GHz	-37.88 dBm	-12.88 dB

Date: 17.FEB.2017 11:53:02

Lowest Channel / 16QAM

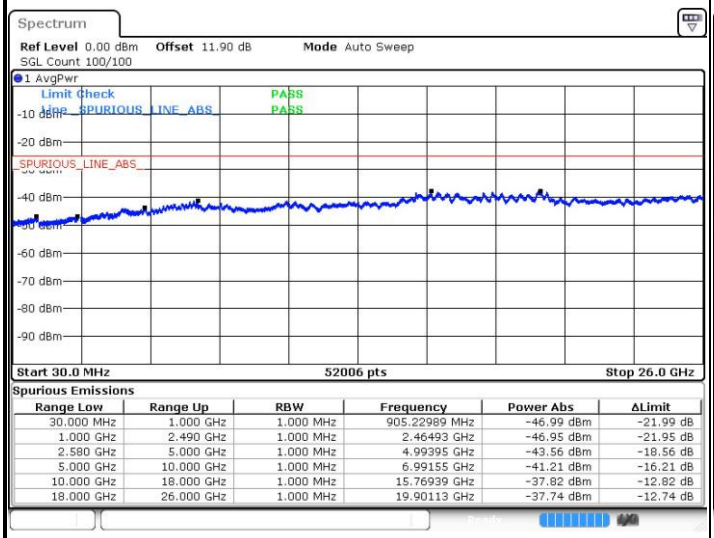


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-47.02 dBm	-22.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-45.00 dBm	-20.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98089 GHz	-43.40 dBm	-18.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-41.18 dBm	-16.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77189 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-37.81 dBm	-12.81 dB

Date: 17.FEB.2017 11:53:56

Middle Channel / QPSK

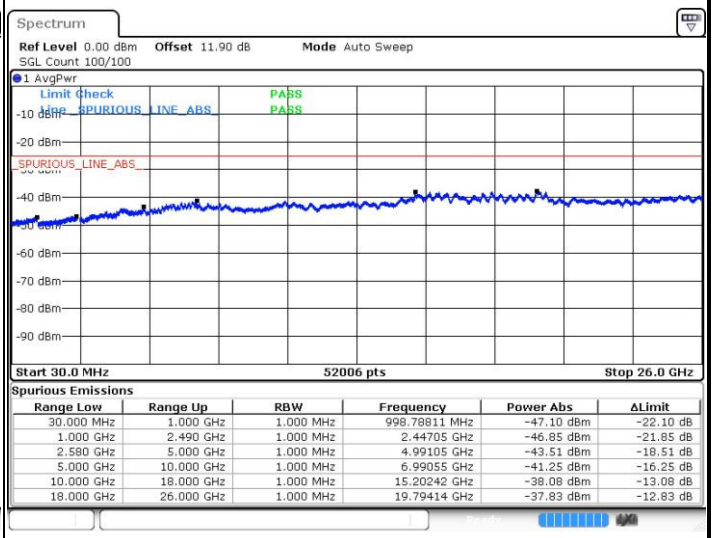


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46493 GHz	-46.95 dBm	-21.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99395 GHz	-43.56 dBm	-18.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.21 dBm	-16.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76939 GHz	-37.82 dBm	-12.82 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90113 GHz	-37.74 dBm	-12.74 dB

Date: 17.FEB.2017 11:55:32

Middle Channel / 16QAM



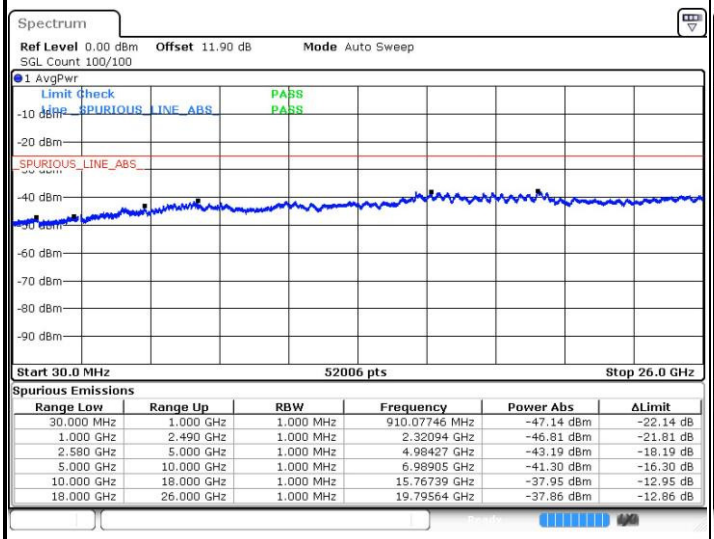
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.10 dBm	-22.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44705 GHz	-46.85 dBm	-21.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99105 GHz	-43.51 dBm	-18.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-41.25 dBm	-16.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20242 GHz	-38.08 dBm	-13.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.83 dBm	-12.83 dB

Date: 17.FEB.2017 11:56:25

LTE Band7 / 15MHz

Highest Channel / QPSK

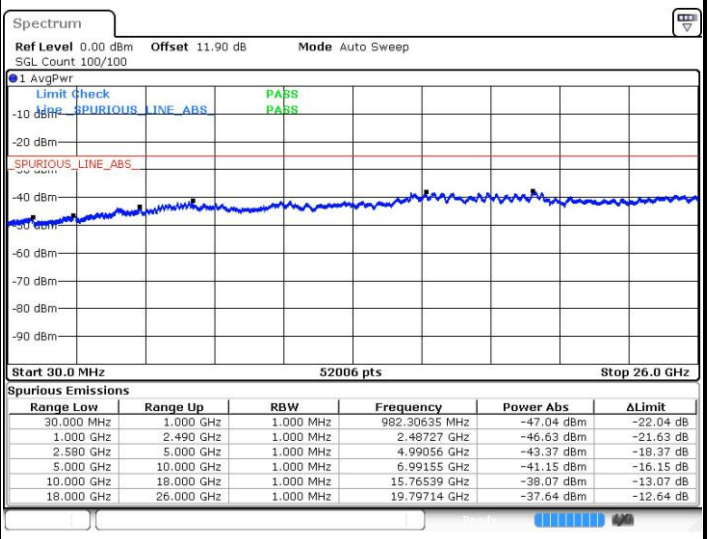


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-47.14 dBm	-22.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32094 GHz	-46.81 dBm	-21.81 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.19 dBm	-18.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98905 GHz	-41.30 dBm	-16.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76739 GHz	-37.95 dBm	-12.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-37.86 dBm	-12.86 dB

Date: 17.FEB.2017 12:02:40

Highest Channel / 16QAM



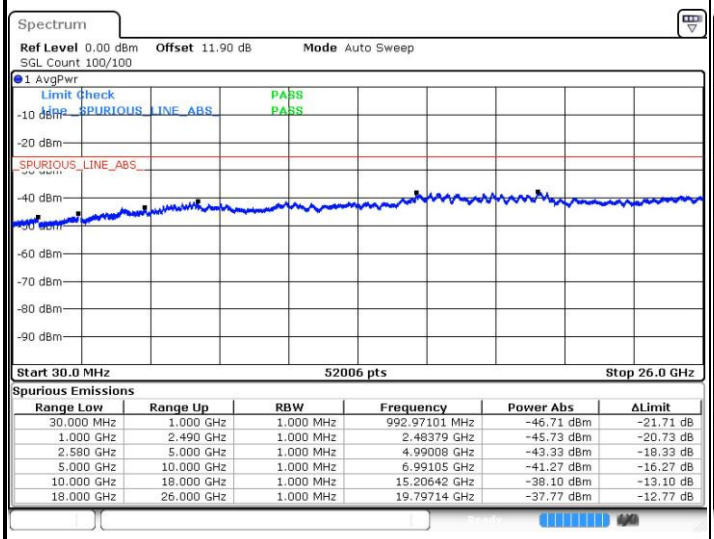
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-47.04 dBm	-22.04 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-46.63 dBm	-21.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-43.37 dBm	-18.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-41.15 dBm	-16.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76539 GHz	-38.07 dBm	-13.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.64 dBm	-12.64 dB

Date: 17.FEB.2017 12:03:33

LTE Band 7 / 20MHz

Lowest Channel / QPSK

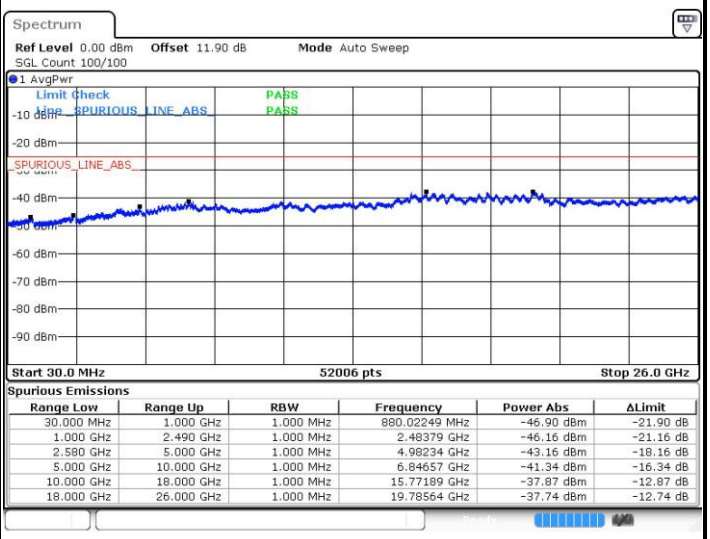


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-46.71 dBm	-21.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-45.73 dBm	-20.73 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99008 GHz	-43.33 dBm	-18.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.27 dBm	-16.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20642 GHz	-38.10 dBm	-13.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.77 dBm	-12.77 dB

Date: 17.FEB.2017 12:09:46

Lowest Channel / 16QAM



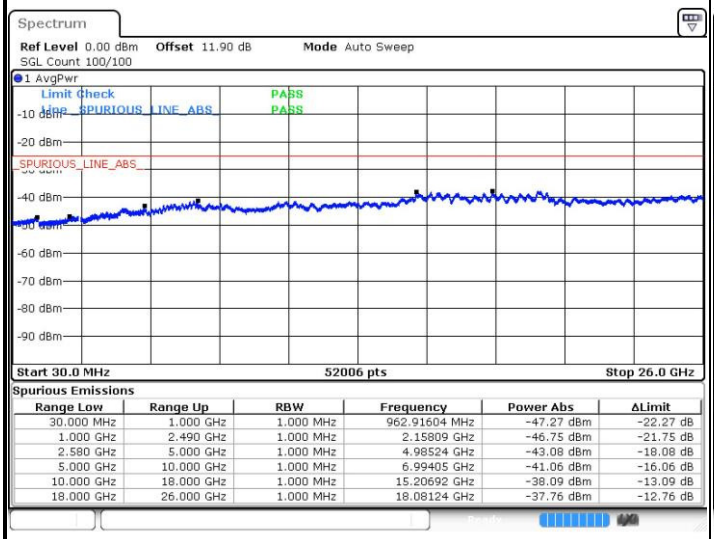
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-46.90 dBm	-21.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.16 dBm	-21.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98234 GHz	-43.16 dBm	-18.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84657 GHz	-41.34 dBm	-16.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77189 GHz	-37.87 dBm	-12.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78564 GHz	-37.74 dBm	-12.74 dB

Date: 17.FEB.2017 12:10:40

LTE Band 7 / 20MHz

Middle Channel / QPSK

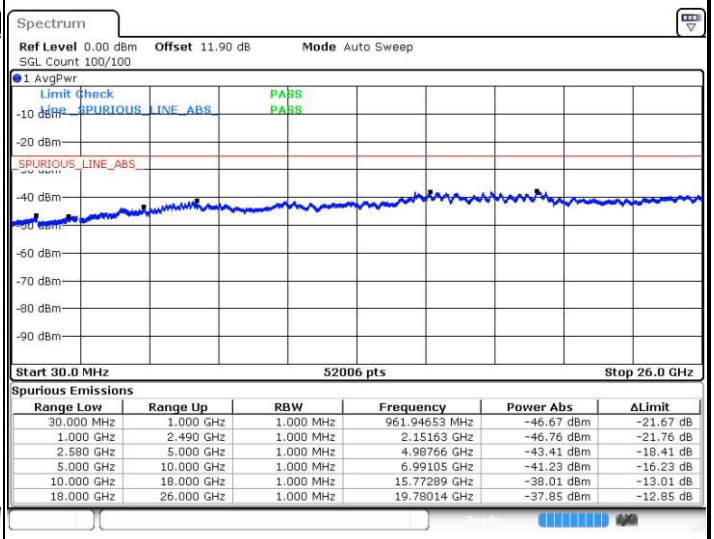


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-47.27 dBm	-22.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15809 GHz	-46.75 dBm	-21.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-43.08 dBm	-18.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99405 GHz	-41.06 dBm	-16.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20692 GHz	-38.09 dBm	-13.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08124 GHz	-37.76 dBm	-12.76 dB

Date: 17.FEB.2017 12:12:15

Middle Channel / 16QAM

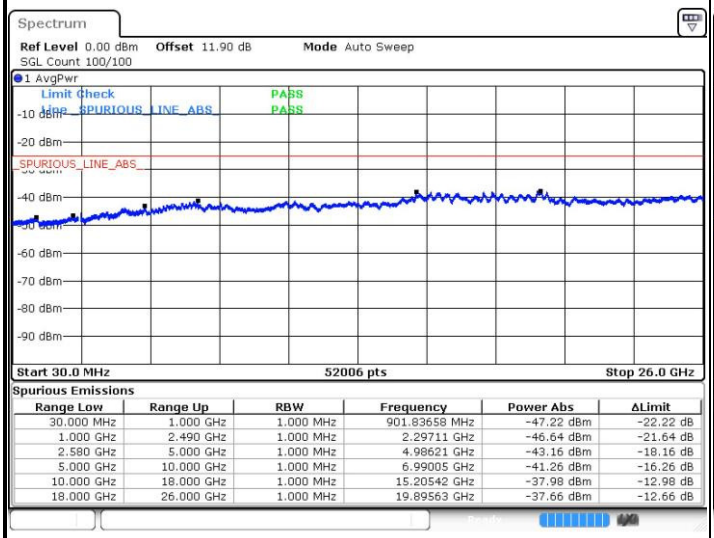


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-46.67 dBm	-21.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15163 GHz	-46.76 dBm	-21.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.41 dBm	-18.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-41.23 dBm	-16.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77289 GHz	-38.01 dBm	-13.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78014 GHz	-37.85 dBm	-12.85 dB

Date: 17.FEB.2017 12:13:08

Highest Channel / QPSK

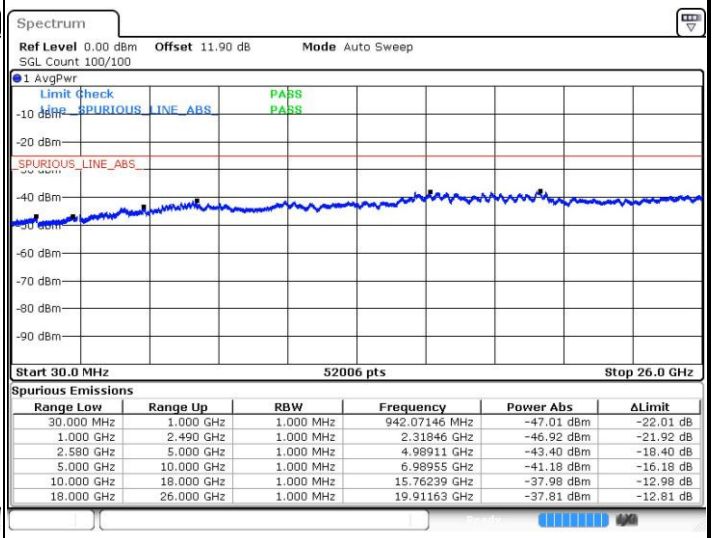


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-47.22 dBm	-22.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29711 GHz	-46.64 dBm	-21.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-43.16 dBm	-18.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-41.26 dBm	-16.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.20542 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89563 GHz	-37.66 dBm	-12.66 dB

Date: 17.FEB.2017 12:19:22

Highest 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	-47.01 dBm	-22.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31846 GHz	-46.92 dBm	-21.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-43.40 dBm	-18.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-41.18 dBm	-16.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76239 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91163 GHz	-37.81 dBm	-12.81 dB

Date: 17.FEB.2017 12:20:15

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0049	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

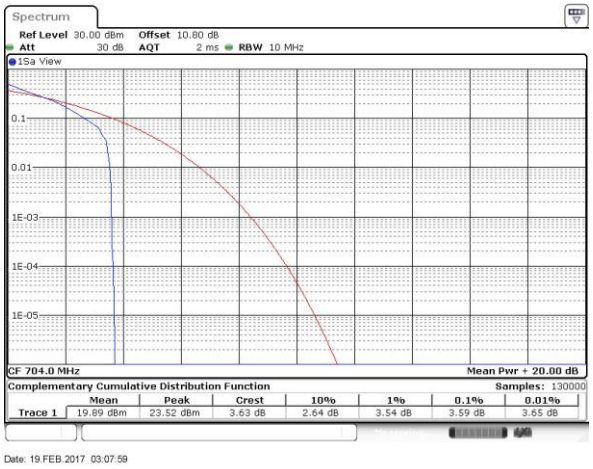
LTE Band 12

Peak-to-Average Ratio

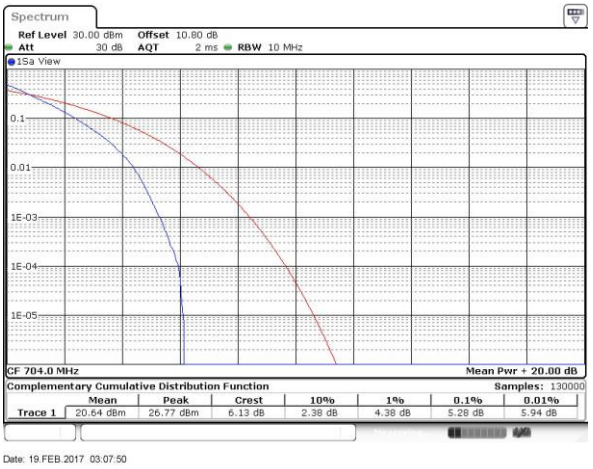
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	5.28	4.41	6.03	PASS
Middle CH	3.86	4.9	4.43	5.88	
Highest CH	3.94	4.75	4.64	5.59	

LTE Band 12 / 10MHz / QPSK

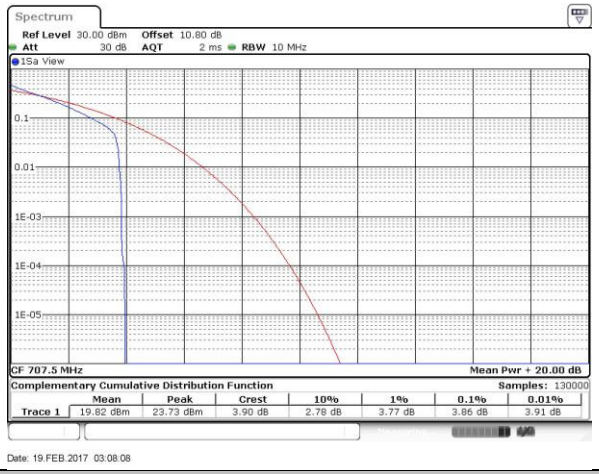
Lowest Channel / 1RB



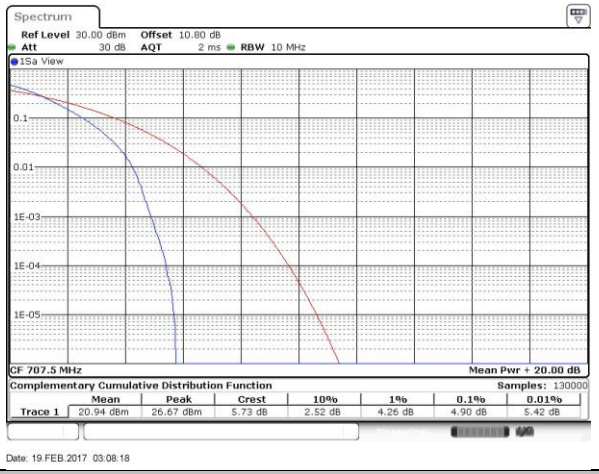
Lowest Channel / Full RB



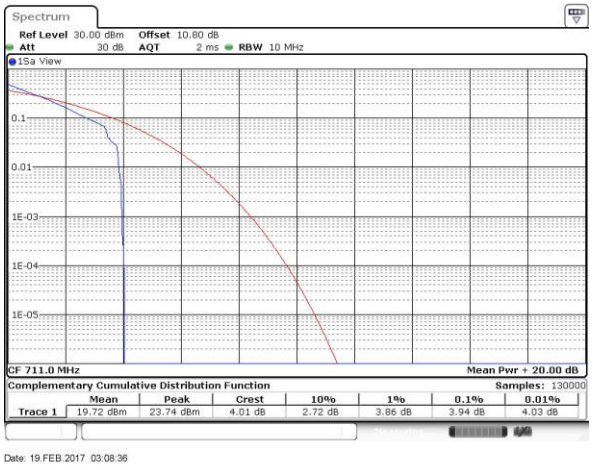
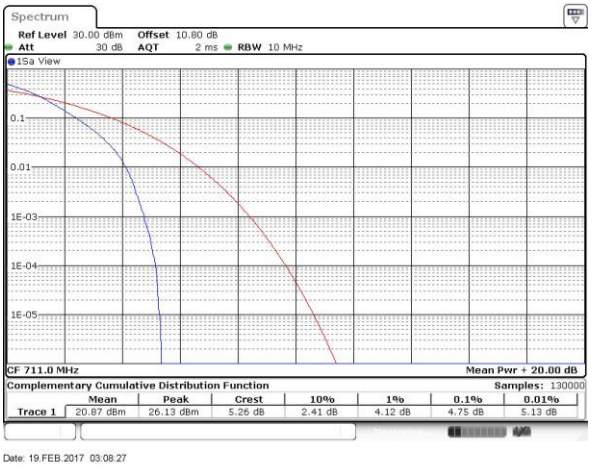
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB