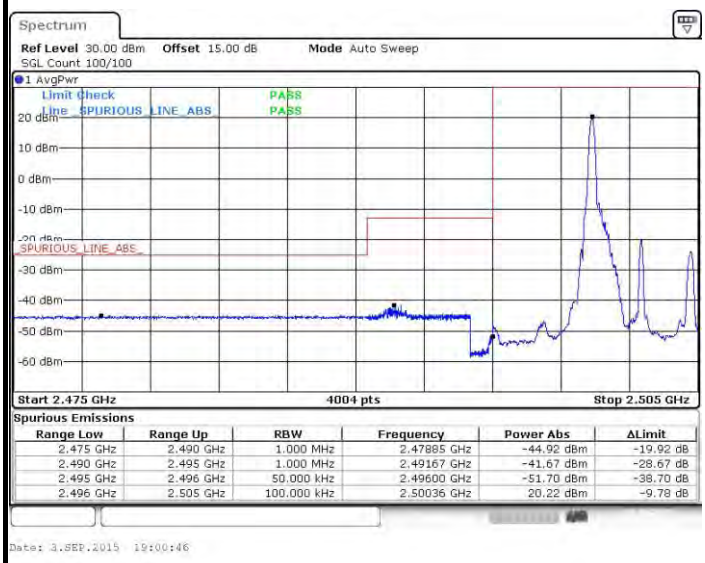
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

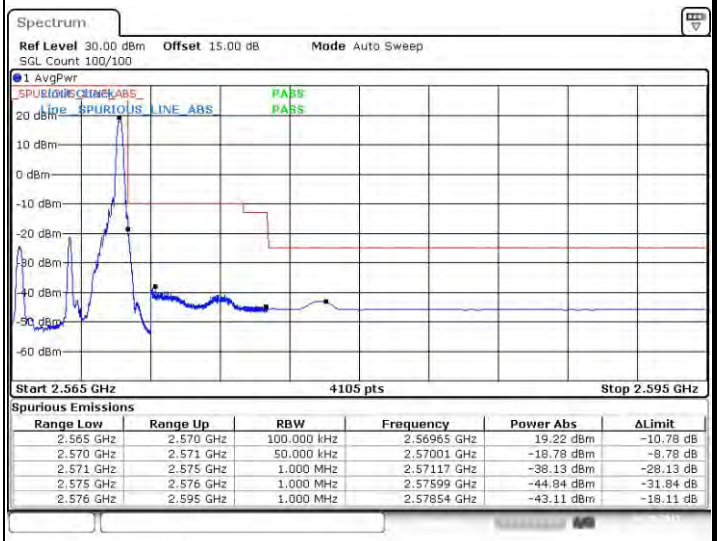


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.47885 GHz	-44.92 dBm	-19.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49167 GHz	-41.67 dBm	-28.67 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-51.70 dBm	-38.70 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50036 GHz	20.22 dBm	-9.78 dB

Date: 3.SEP.2015 19:00:46

Highest Band Edge / 1 RB

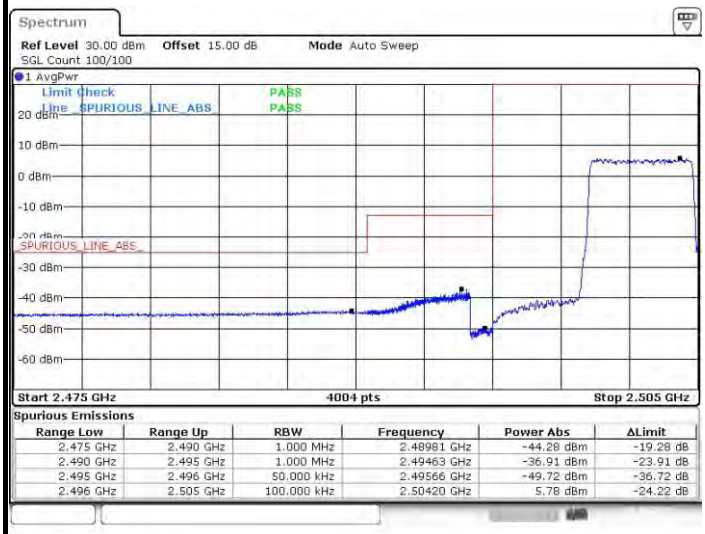


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56965 GHz	19.22 dBm	-10.78 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-18.78 dBm	-8.78 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-38.13 dBm	-28.13 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57599 GHz	-44.84 dBm	-31.84 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57854 GHz	-43.11 dBm	-18.11 dB

Date: 3.SEP.2015 19:11:45

Lowest Band Edge / Full RB

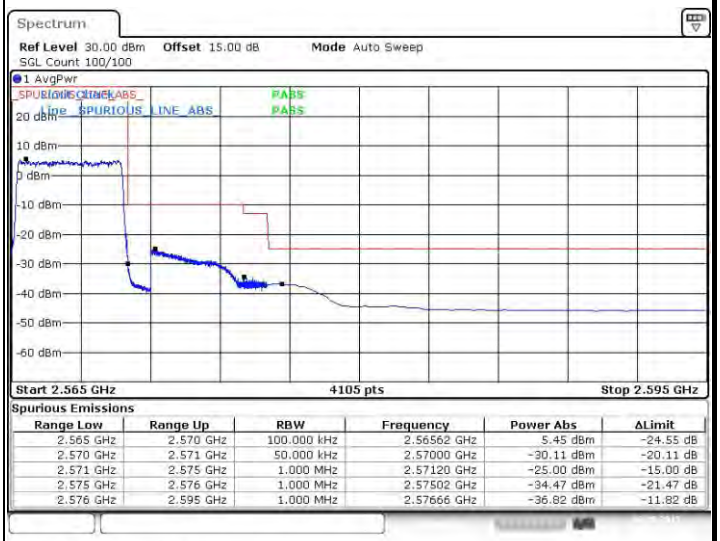


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48981 GHz	-44.28 dBm	-19.28 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49463 GHz	-36.91 dBm	-23.91 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49566 GHz	-49.72 dBm	-36.72 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50420 GHz	5.78 dBm	-24.22 dB

Date: 3.SEP.2015 20:22:32

Highest Band Edge / Full RB



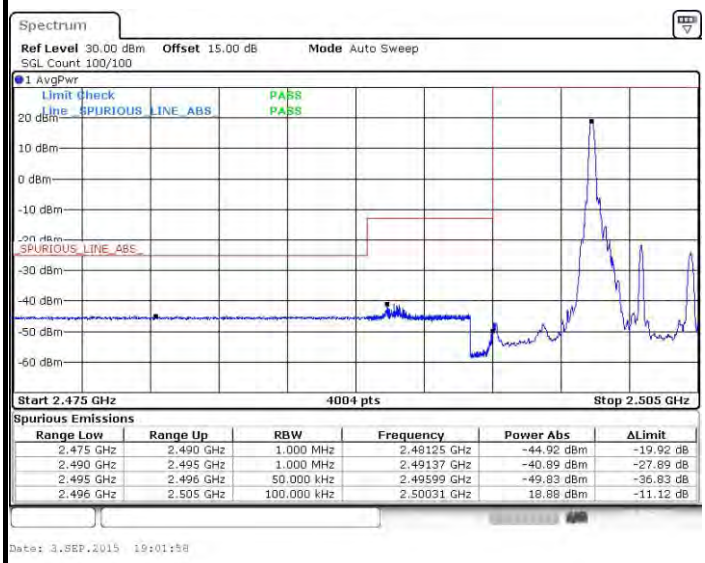
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56562 GHz	5.45 dBm	-24.55 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-30.11 dBm	-20.11 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-25.00 dBm	-15.00 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57502 GHz	-34.47 dBm	-21.47 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57666 GHz	-36.82 dBm	-11.82 dB

Date: 3.SEP.2015 19:14:05

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

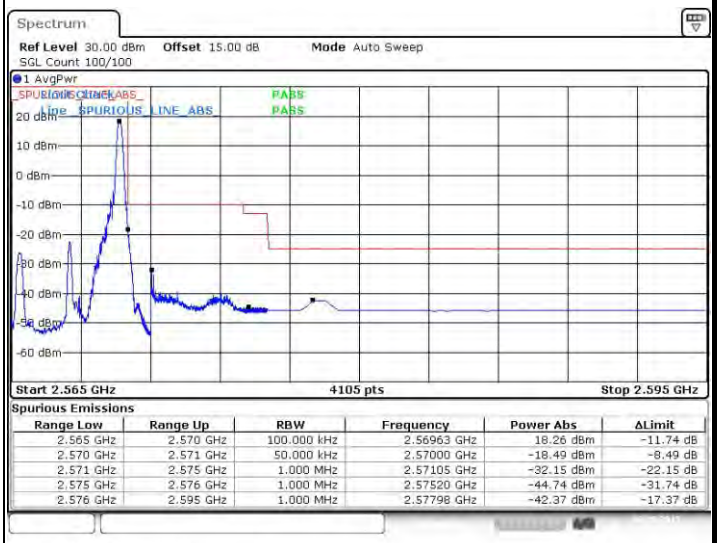


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48125 GHz	-44.92 dBm	-19.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49137 GHz	-40.89 dBm	-27.89 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-49.83 dBm	-36.83 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50031 GHz	18.88 dBm	-11.12 dB

Date: 3.SEP.2015 19:01:58

Highest Band Edge / 1 RB

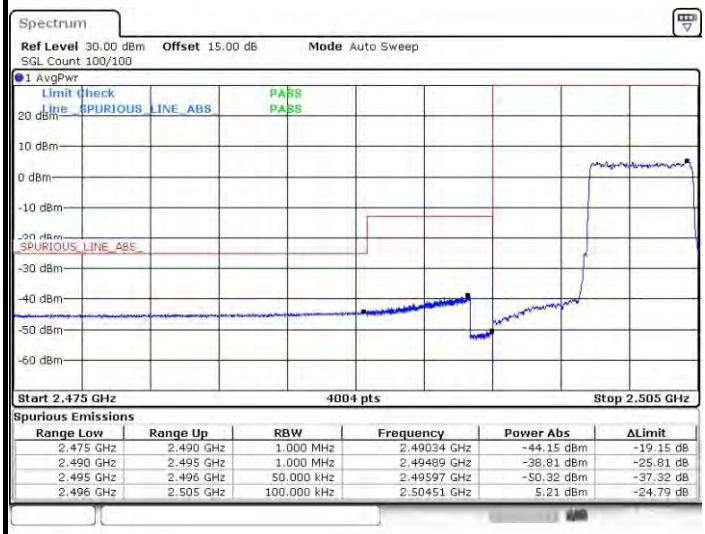


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56963 GHz	18.26 dBm	-11.74 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-18.49 dBm	-8.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-32.15 dBm	-22.15 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57520 GHz	-44.74 dBm	-31.74 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57798 GHz	-42.37 dBm	-17.37 dB

Date: 3.SEP.2015 19:12:55

Lowest Band Edge / Full RB

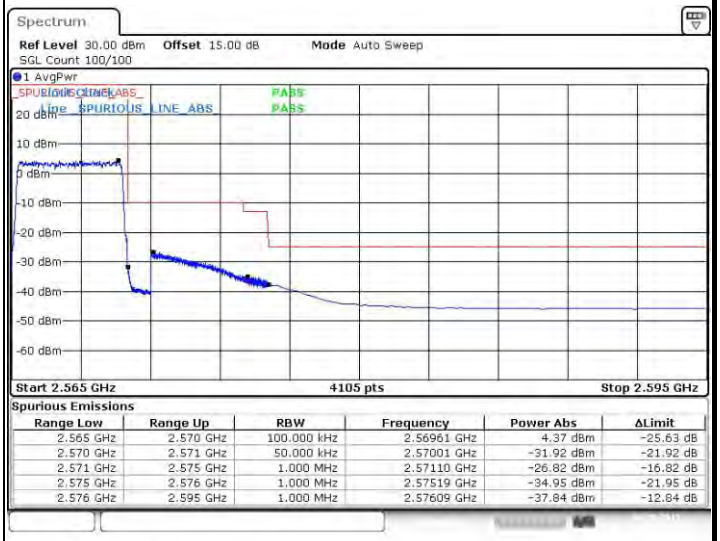


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-44.15 dBm	-19.15 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-38.81 dBm	-25.81 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49597 GHz	-50.32 dBm	-37.32 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50451 GHz	5.21 dBm	-24.79 dB

Date: 3.SEP.2015 19:04:22

Highest Band Edge / Full RB



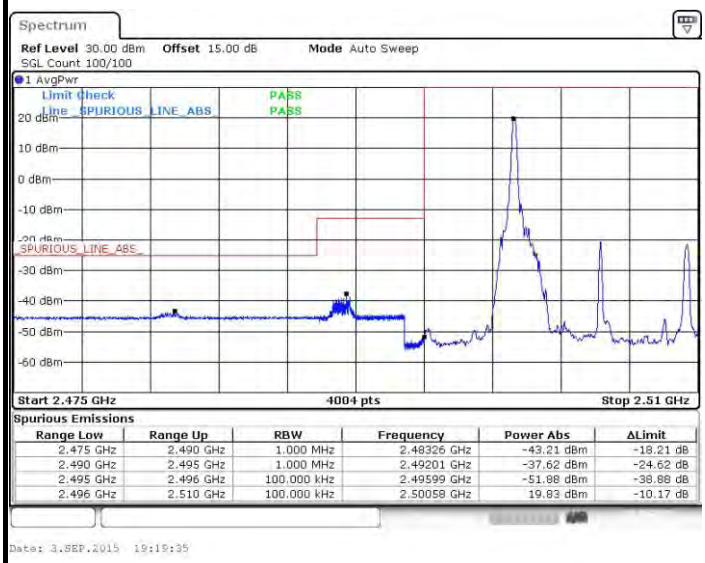
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56961 GHz	4.37 dBm	-25.63 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-31.92 dBm	-21.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-26.82 dBm	-16.82 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57519 GHz	-34.95 dBm	-21.95 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-37.84 dBm	-12.84 dB

Date: 3.SEP.2015 19:15:16

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

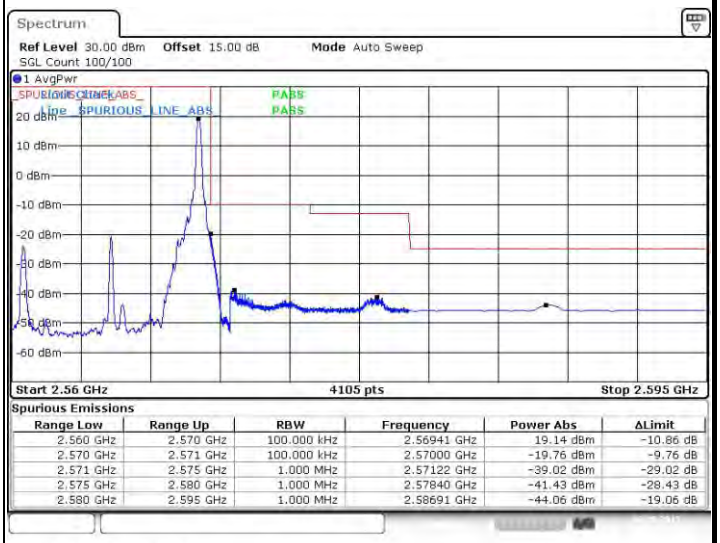


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48326 GHz	-43.21 dBm	-18.21 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49201 GHz	-37.62 dBm	-24.62 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-51.88 dBm	-38.88 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	19.83 dBm	-10.17 dB

Date: 3.SEP.2015 19:19:35

Highest Band Edge / 1 RB

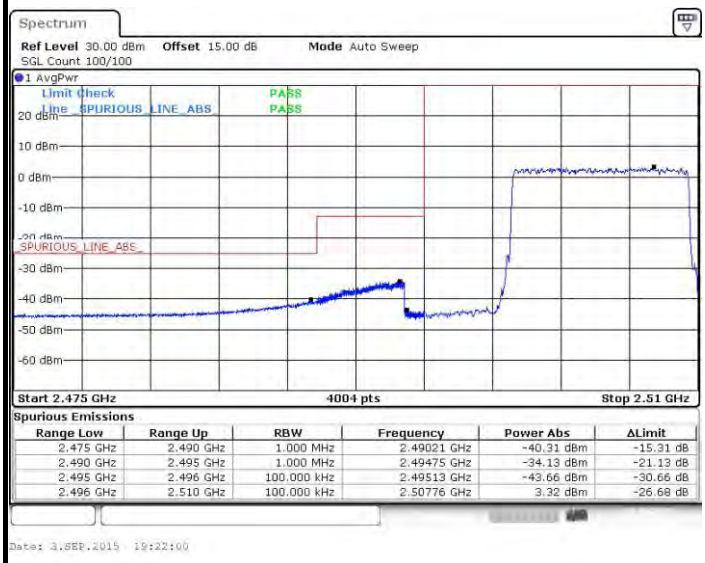


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.14 dBm	-10.86 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.76 dBm	-9.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57122 GHz	-39.02 dBm	-29.02 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57840 GHz	-41.43 dBm	-28.43 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58691 GHz	-44.06 dBm	-19.06 dB

Date: 3.SEP.2015 19:30:35

Lowest Band Edge / Full RB

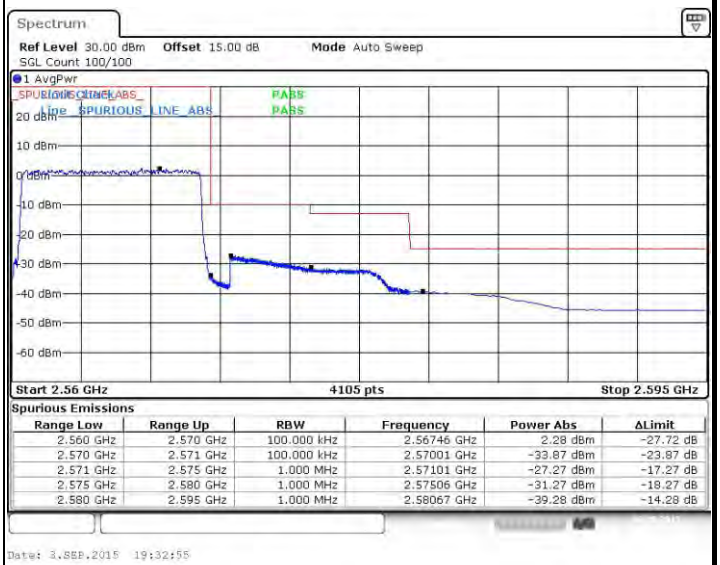


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49021 GHz	-40.31 dBm	-15.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49475 GHz	-34.13 dBm	-21.13 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49513 GHz	-43.66 dBm	-30.66 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50776 GHz	3.32 dBm	-26.68 dB

Date: 3.SEP.2015 19:22:00

Highest Band Edge / Full RB



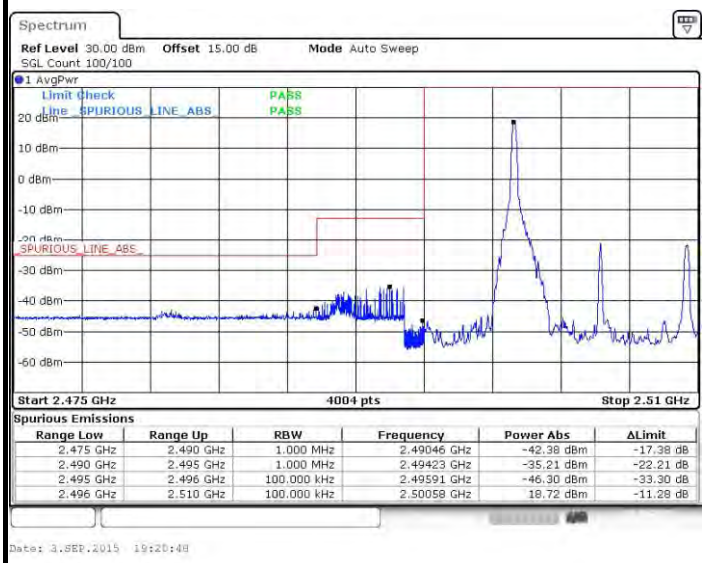
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56746 GHz	2.28 dBm	-27.72 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-33.87 dBm	-23.87 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-27.27 dBm	-17.27 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57506 GHz	-31.27 dBm	-18.27 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58067 GHz	-39.28 dBm	-14.28 dB

Date: 3.SEP.2015 19:32:55

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

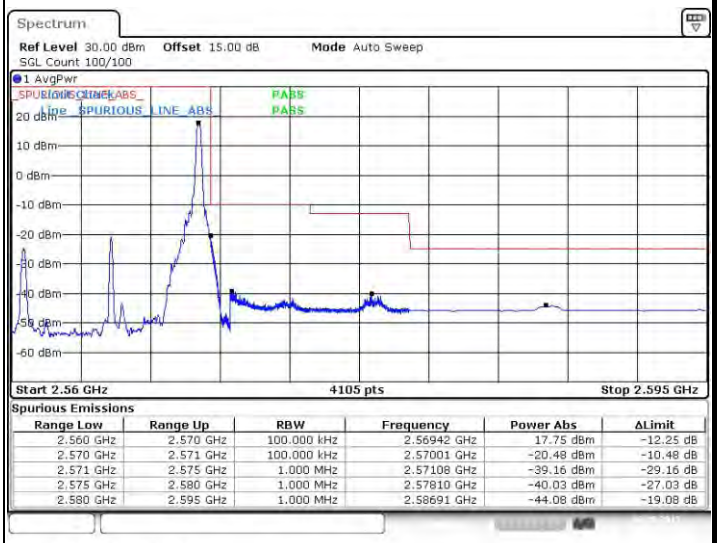


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-42.38 dBm	-17.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49423 GHz	-35.21 dBm	-22.21 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49591 GHz	-46.30 dBm	-33.30 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	18.72 dBm	-11.28 dB

Date: 3.SEP.2015 19:20:48

Highest Band Edge / 1 RB

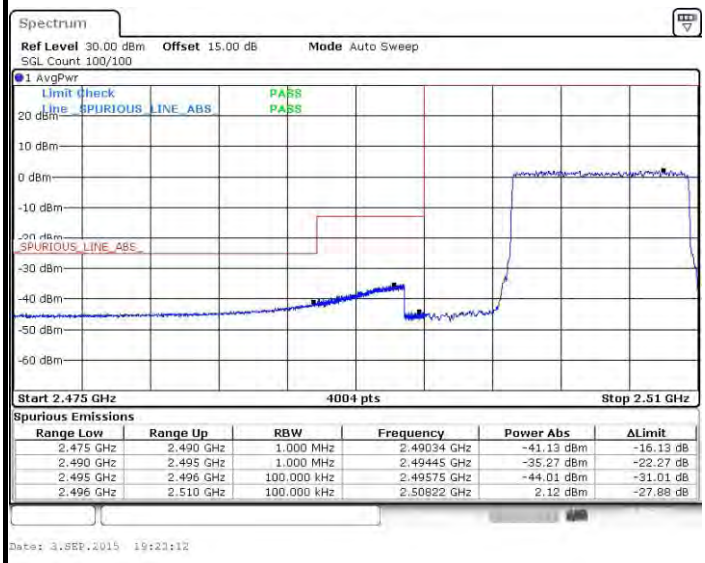


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	17.75 dBm	-12.25 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-20.48 dBm	-10.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-39.16 dBm	-29.16 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57810 GHz	-40.03 dBm	-27.03 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58691 GHz	-44.08 dBm	-19.08 dB

Date: 3.SEP.2015 19:31:45

Lowest Band Edge / Full RB

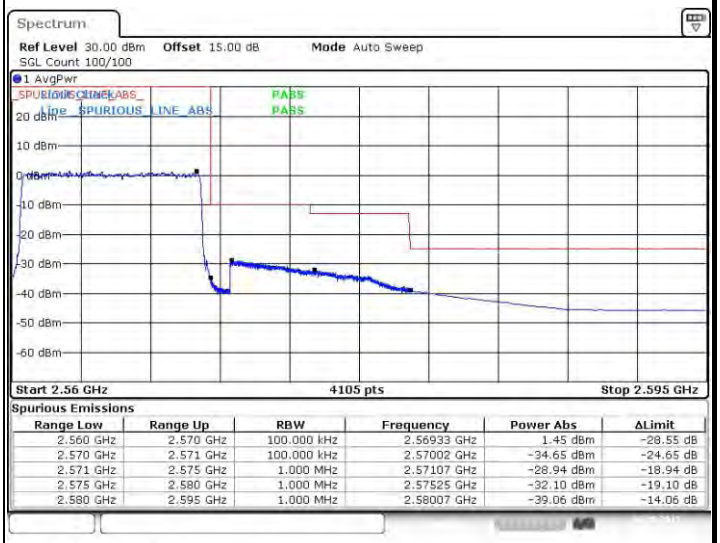


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-41.13 dBm	-16.13 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49445 GHz	-35.27 dBm	-22.27 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49575 GHz	-44.01 dBm	-31.01 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50822 GHz	2.12 dBm	-27.88 dB

Date: 3.SEP.2015 19:23:12

Highest Band Edge / Full RB



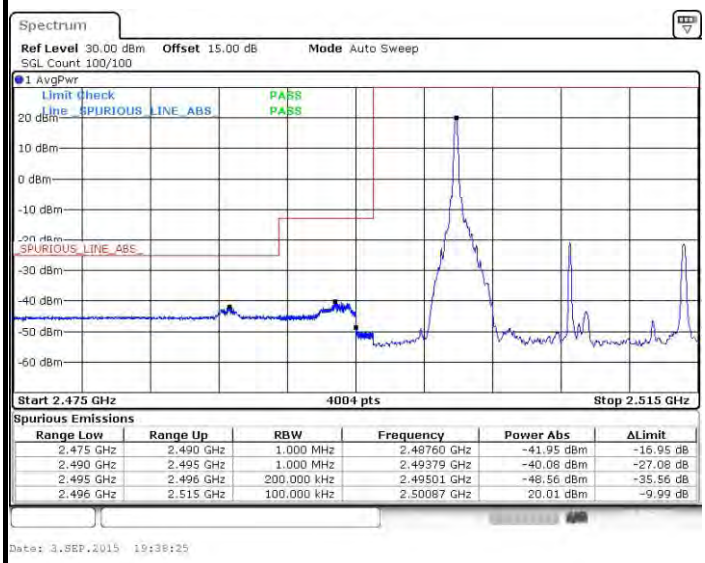
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56933 GHz	1.45 dBm	-28.55 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-34.65 dBm	-24.65 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-28.94 dBm	-18.94 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57525 GHz	-32.10 dBm	-19.10 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-39.06 dBm	-14.06 dB

Date: 3.SEP.2015 19:34:06

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

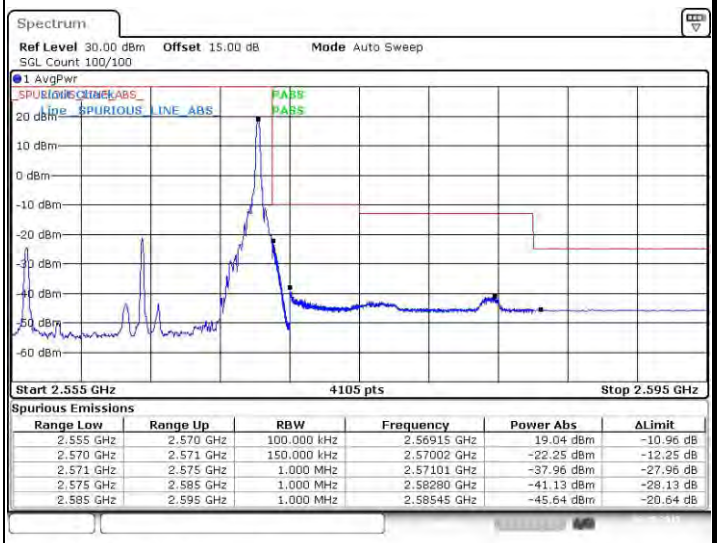


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48760 GHz	-41.95 dBm	-16.95 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49379 GHz	-40.08 dBm	-27.08 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49501 GHz	-48.56 dBm	-35.56 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	20.01 dBm	-9.99 dB

Date: 3.SEP.2015 19:38:25

Highest Band Edge / 1 RB

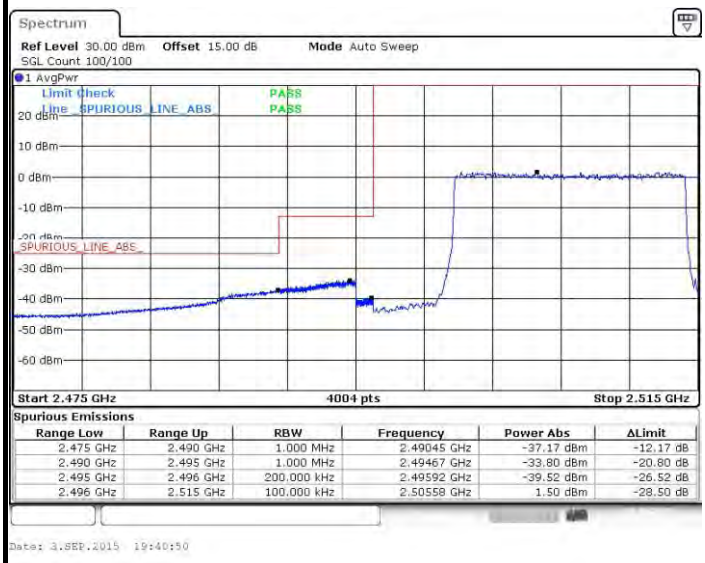


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	19.04 dBm	-10.96 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57002 GHz	-22.25 dBm	-12.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-37.96 dBm	-27.96 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58280 GHz	-41.13 dBm	-28.13 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58545 GHz	-45.64 dBm	-20.64 dB

Date: 3.SEP.2015 19:40:25

Lowest Band Edge / Full RB

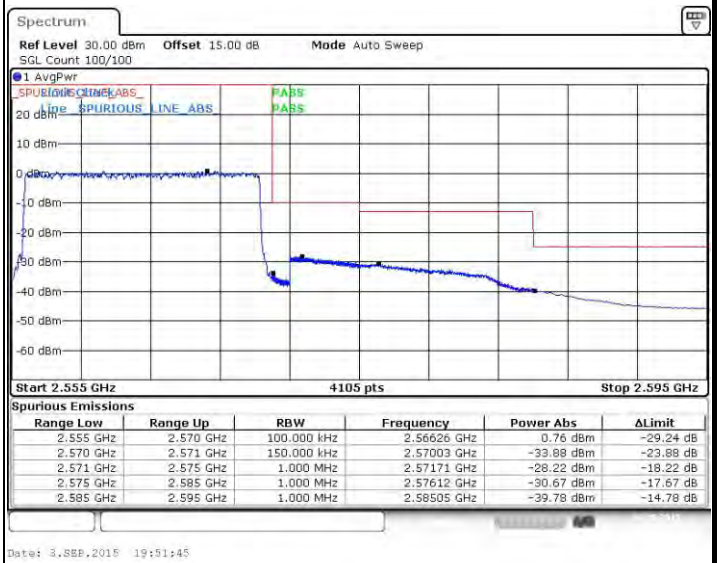


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-37.17 dBm	-12.17 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49467 GHz	-33.80 dBm	-20.80 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49592 GHz	-39.52 dBm	-26.52 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50558 GHz	1.50 dBm	-28.50 dB

Date: 3.SEP.2015 19:40:50

Highest Band Edge / Full RB



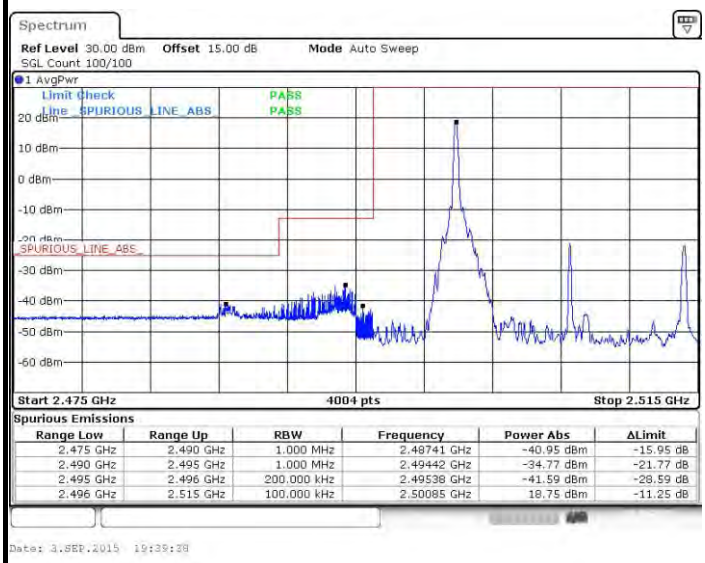
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56626 GHz	0.76 dBm	-29.24 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57003 GHz	-33.88 dBm	-23.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57171 GHz	-28.22 dBm	-18.22 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57612 GHz	-30.67 dBm	-17.67 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-39.78 dBm	-14.78 dB

Date: 3.SEP.2015 19:51:45

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

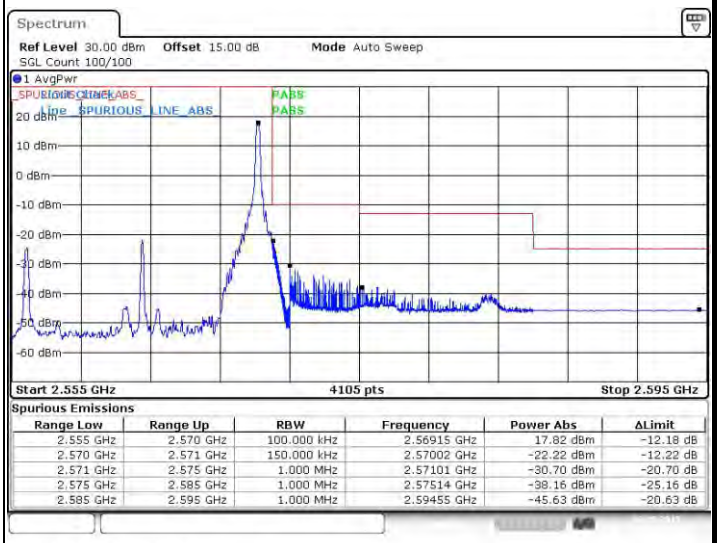


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48741 GHz	-40.95 dBm	-15.95 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49442 GHz	-34.77 dBm	-21.77 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49538 GHz	-41.59 dBm	-28.59 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	18.75 dBm	-11.25 dB

Date: 3.SEP.2015 19:39:38

Highest Band Edge / 1 RB

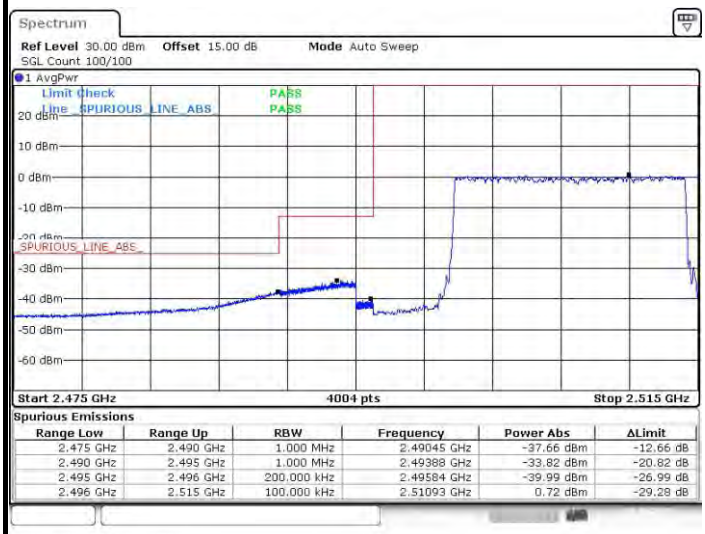


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	17.82 dBm	-12.18 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57002 GHz	-22.22 dBm	-12.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-30.70 dBm	-20.70 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57514 GHz	-38.16 dBm	-25.16 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59455 GHz	-45.63 dBm	-20.63 dB

Date: 3.SEP.2015 19:50:35

Lowest Band Edge / Full RB

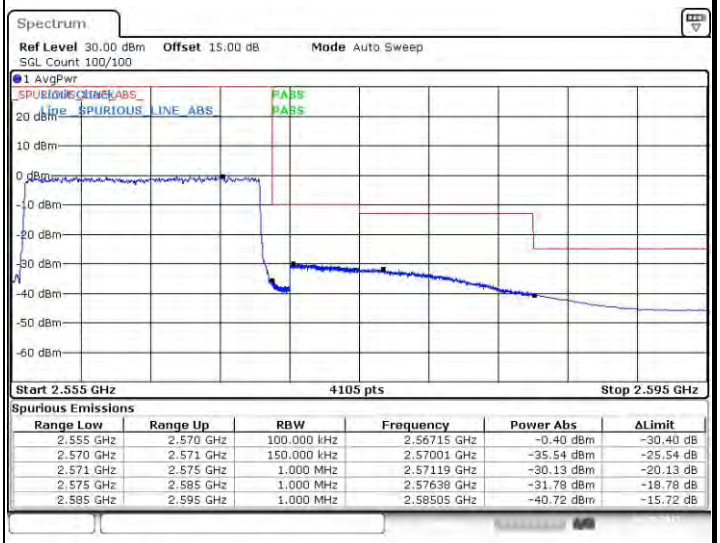


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-37.66 dBm	-12.66 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49388 GHz	-33.82 dBm	-20.82 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49584 GHz	-39.99 dBm	-26.99 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51093 GHz	0.72 dBm	-29.28 dB

Date: 3.SEP.2015 19:42:02

Highest Band Edge / Full RB



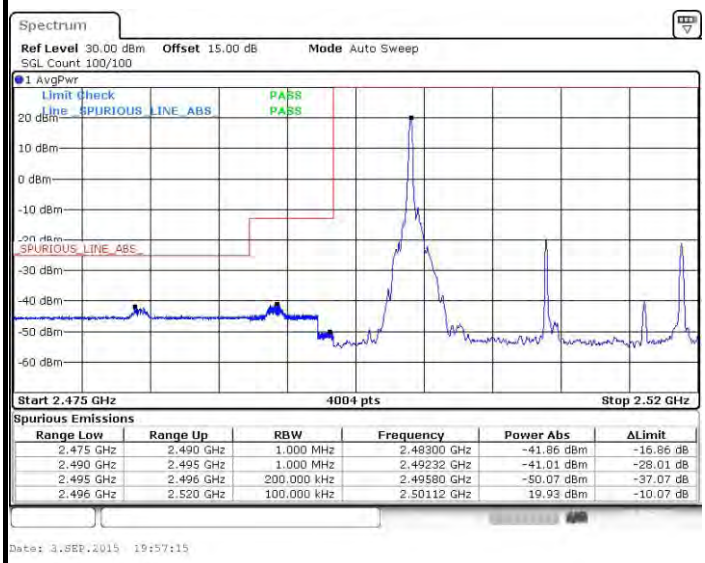
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56715 GHz	-0.40 dBm	-30.40 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-35.54 dBm	-25.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-30.13 dBm	-20.13 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57638 GHz	-31.78 dBm	-18.78 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-40.72 dBm	-15.72 dB

Date: 3.SEP.2015 19:52:55

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

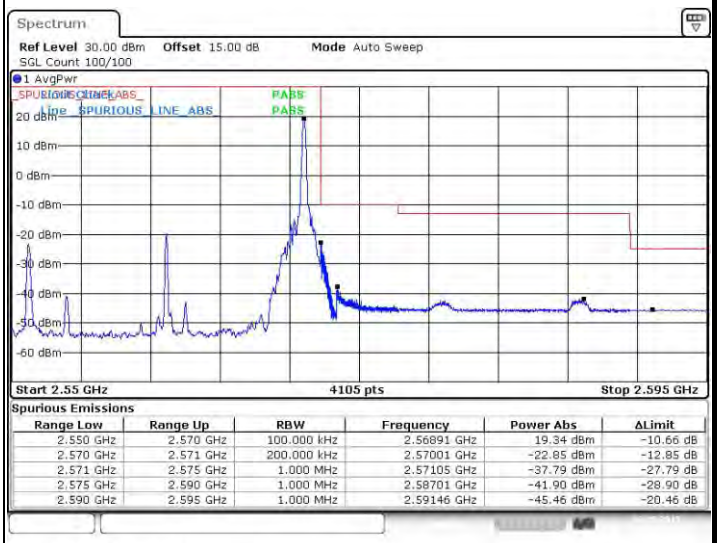


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48300 GHz	-41.86 dBm	-16.86 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49232 GHz	-41.01 dBm	-28.01 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49580 GHz	-50.07 dBm	-37.07 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	19.93 dBm	-10.07 dB

Date: 3.SEP.2015 19:57:15

Highest Band Edge / 1 RB

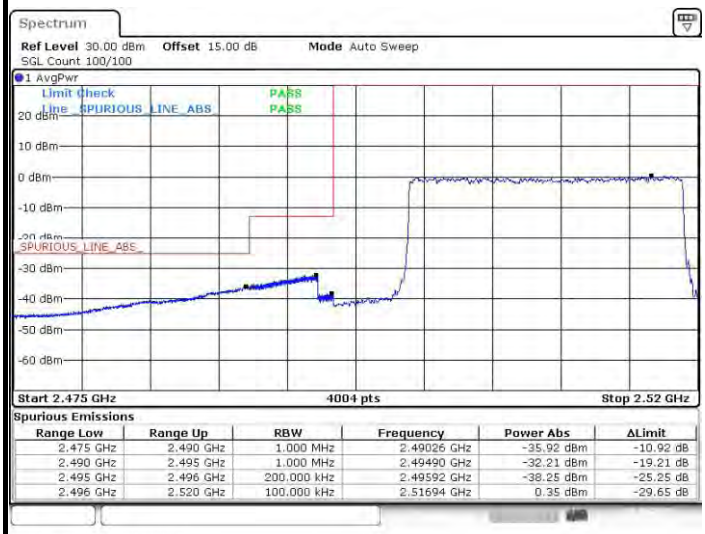


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	19.34 dBm	-10.66 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-22.85 dBm	-12.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-37.79 dBm	-27.79 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58701 GHz	-41.90 dBm	-28.90 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59146 GHz	-45.46 dBm	-20.46 dB

Date: 3.SEP.2015 20:08:13

Lowest Band Edge / Full RB

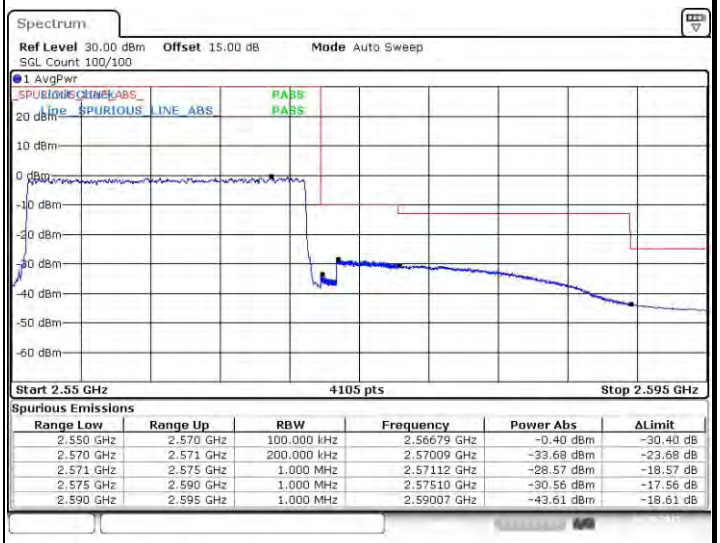


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-35.92 dBm	-10.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49490 GHz	-32.21 dBm	-19.21 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49592 GHz	-38.25 dBm	-25.25 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51694 GHz	0.35 dBm	-29.65 dB

Date: 3.SEP.2015 19:59:39

Highest Band Edge / Full RB



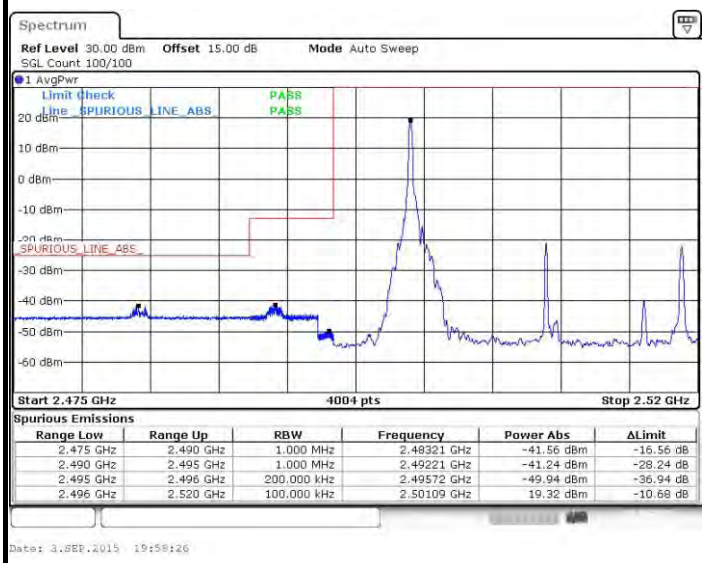
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56679 GHz	-0.40 dBm	-30.40 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57009 GHz	-33.68 dBm	-23.68 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57112 GHz	-28.57 dBm	-18.57 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57510 GHz	-30.56 dBm	-17.56 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59007 GHz	-43.61 dBm	-18.61 dB

Date: 3.SEP.2015 20:11:43

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

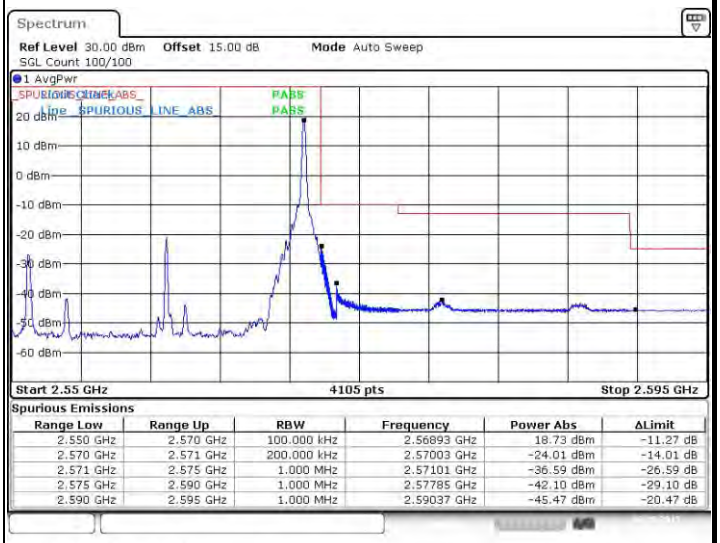


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48321 GHz	-41.56 dBm	-16.56 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49221 GHz	-41.24 dBm	-28.24 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49572 GHz	-49.94 dBm	-36.94 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	19.32 dBm	-10.68 dB

Date: 3.SEP.2015 19:58:26

Highest Band Edge / 1RB

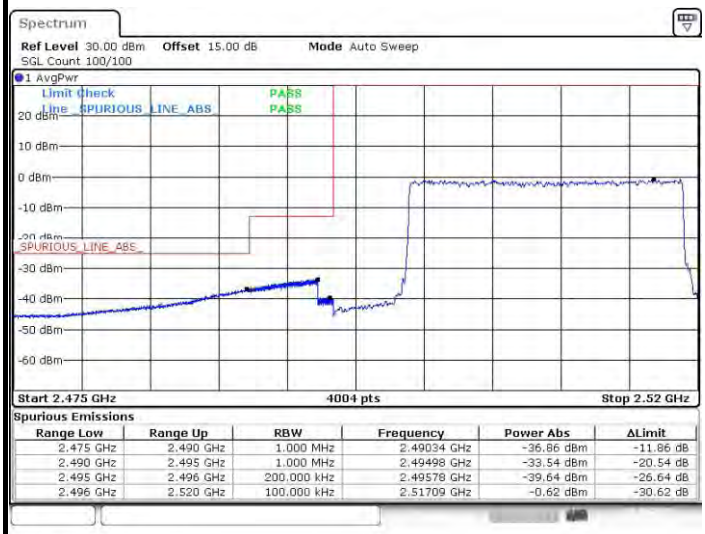


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	18.73 dBm	-11.27 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-24.01 dBm	-14.01 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-36.59 dBm	-26.59 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57785 GHz	-42.10 dBm	-29.10 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59037 GHz	-45.47 dBm	-20.47 dB

Date: 3.SEP.2015 20:09:23

Lowest Band Edge / Full RB

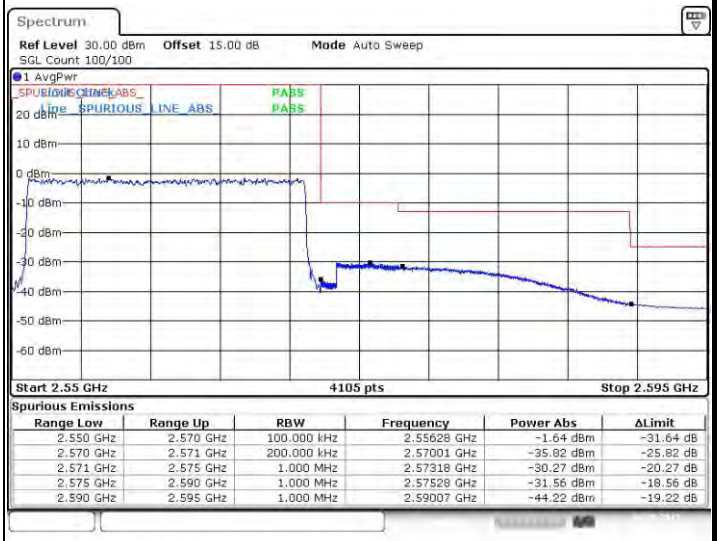


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-36.86 dBm	-11.86 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-33.54 dBm	-20.54 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49578 GHz	-39.64 dBm	-26.64 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51709 GHz	-0.62 dBm	-30.62 dB

Date: 3.SEP.2015 20:00:50

Highest Band Edge / Full RB



Spurious Emissions

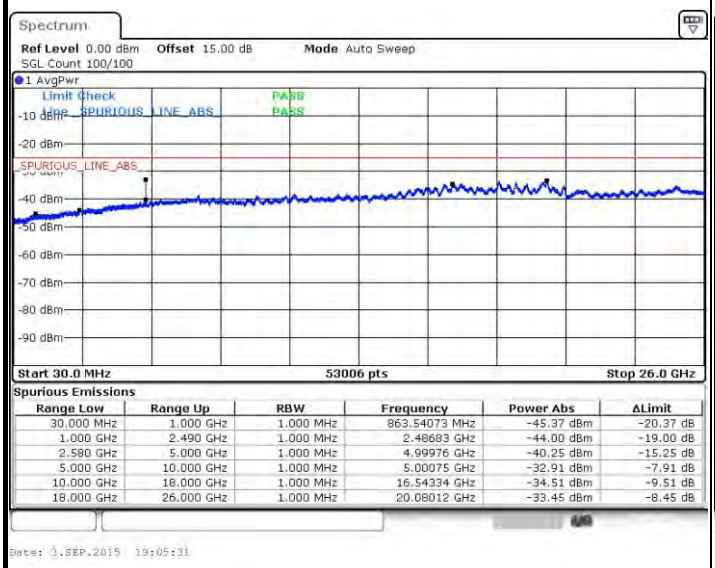
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55628 GHz	-1.64 dBm	-31.64 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-35.82 dBm	-25.82 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57318 GHz	-30.27 dBm	-20.27 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57528 GHz	-31.56 dBm	-18.56 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59007 GHz	-44.22 dBm	-19.22 dB

Date: 3.SEP.2015 20:10:33

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

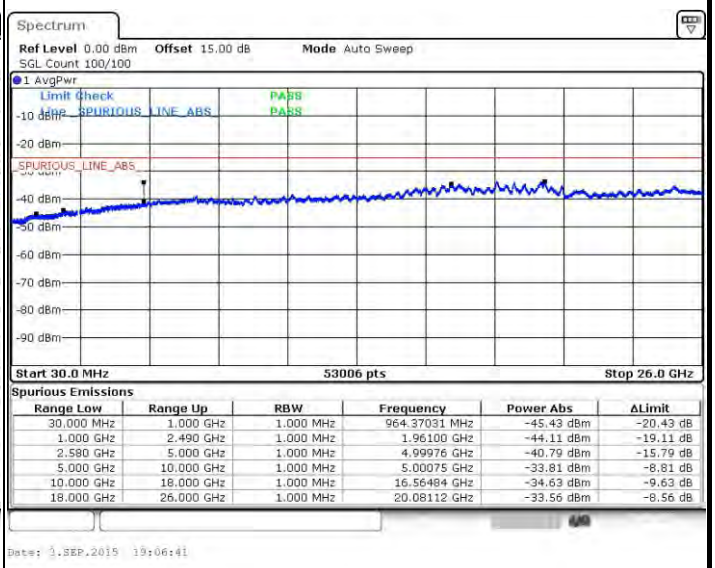


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-45.37 dBm	-20.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48683 GHz	-44.00 dBm	-19.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-40.25 dBm	-15.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-32.91 dBm	-7.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54334 GHz	-34.51 dBm	-9.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08012 GHz	-33.45 dBm	-8.45 dB

Date: 3.SEP.2015 19:05:31

Lowest Channel / 16QAM

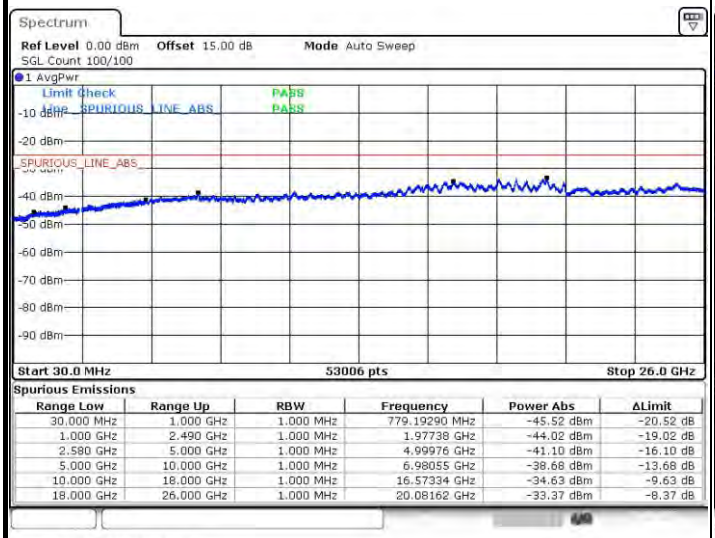


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96100 GHz	-44.11 dBm	-19.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-40.79 dBm	-15.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-33.81 dBm	-8.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56484 GHz	-34.63 dBm	-9.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08112 GHz	-33.56 dBm	-8.56 dB

Date: 3.SEP.2015 19:06:41

Middle Channel / QPSK

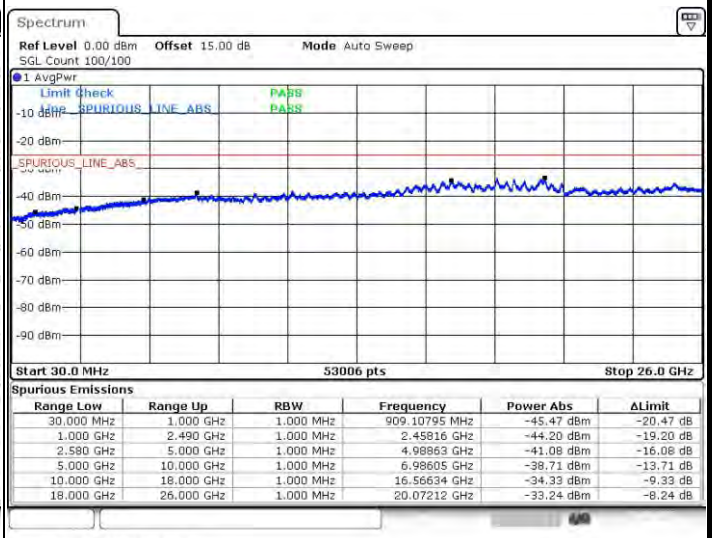


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	779.19290 MHz	-45.52 dBm	-20.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.97738 GHz	-44.02 dBm	-19.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-41.10 dBm	-16.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98055 GHz	-38.68 dBm	-13.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57334 GHz	-34.63 dBm	-9.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08162 GHz	-33.37 dBm	-8.37 dB

Date: 3.SEP.2015 19:08:37

Middle Channel / 16QAM



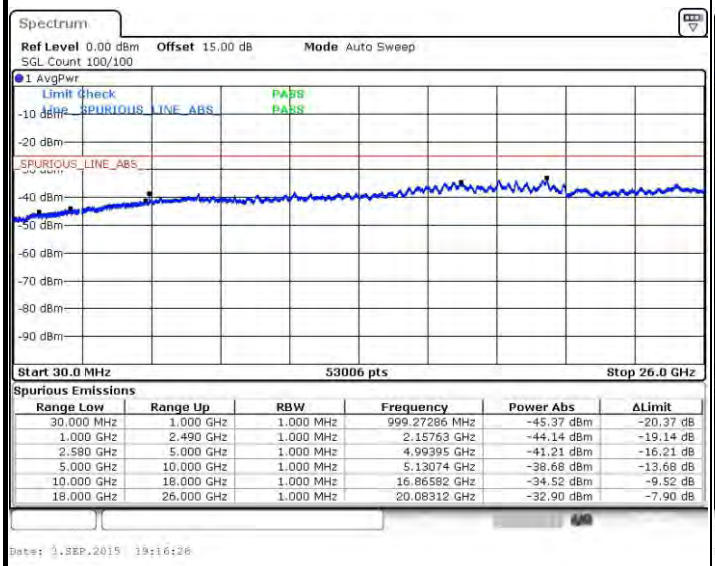
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.10795 MHz	-45.47 dBm	-20.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45816 GHz	-44.20 dBm	-19.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-41.08 dBm	-16.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98605 GHz	-38.71 dBm	-13.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56634 GHz	-34.33 dBm	-9.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07212 GHz	-33.24 dBm	-8.24 dB

Date: 3.SEP.2015 19:09:47

LTE Band 7 / 5MHz

Highest Channel / QPSK

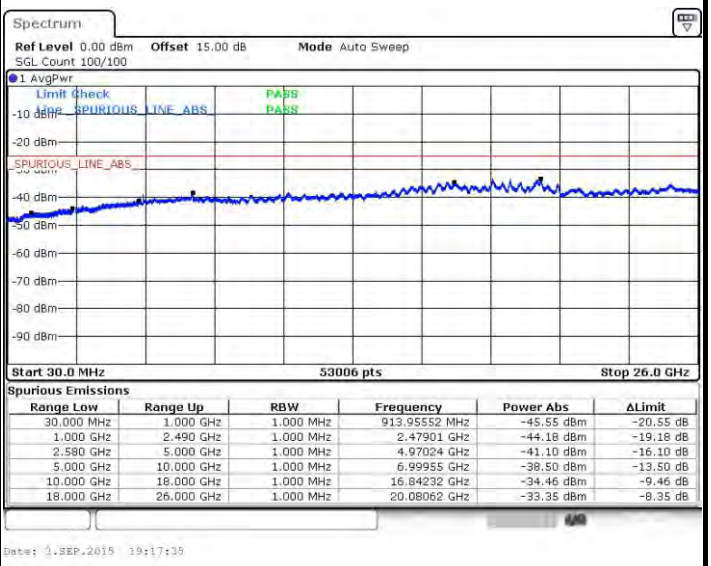


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-45.37 dBm	-20.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15763 GHz	-44.14 dBm	-19.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99395 GHz	-41.21 dBm	-16.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13074 GHz	-38.68 dBm	-13.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.86582 GHz	-34.52 dBm	-9.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08312 GHz	-32.90 dBm	-7.90 dB

Date: 3.SEP.2015 19:16:26

Highest Channel / 16QAM



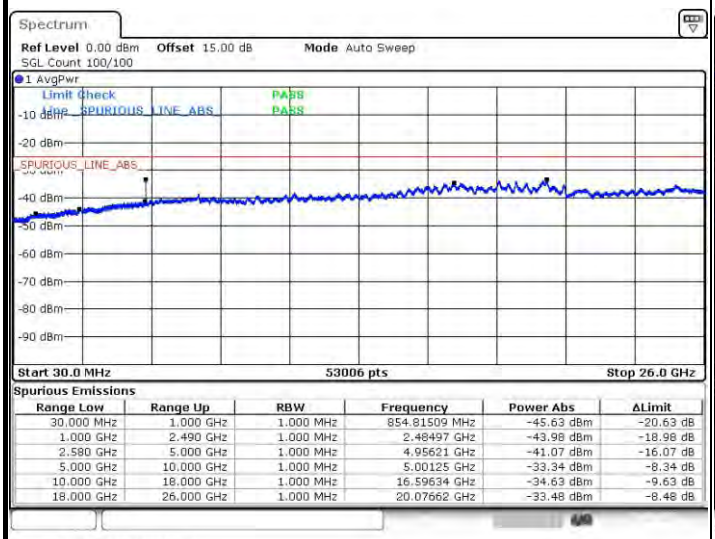
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.95552 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47901 GHz	-44.18 dBm	-19.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97024 GHz	-41.10 dBm	-16.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99955 GHz	-38.50 dBm	-13.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.84232 GHz	-34.46 dBm	-9.46 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08062 GHz	-33.35 dBm	-8.35 dB

Date: 3.SEP.2015 19:17:35

LTE Band 7 / 10MHz

Lowest Channel / QPSK

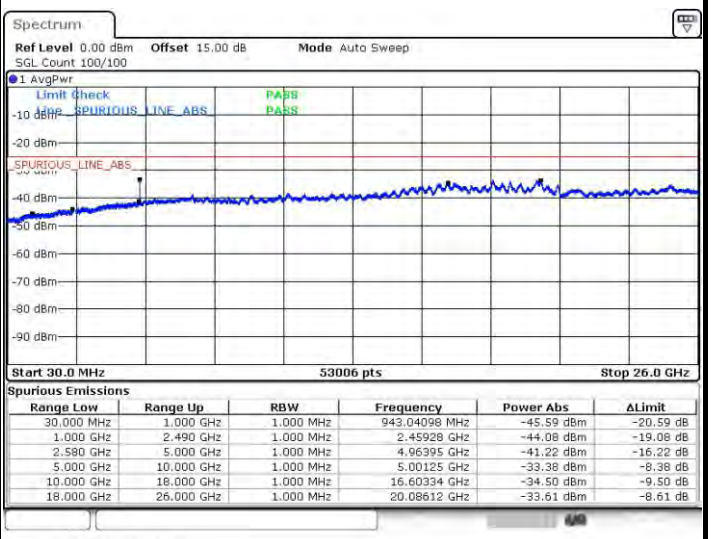


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.81509 MHz	-45.63 dBm	-20.63 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48497 GHz	-43.98 dBm	-18.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95621 GHz	-41.07 dBm	-16.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-33.34 dBm	-8.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59634 GHz	-34.63 dBm	-9.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07662 GHz	-33.48 dBm	-8.48 dB

Date: 3.SEP.2015 19:24:21

Lowest Channel / 16QAM



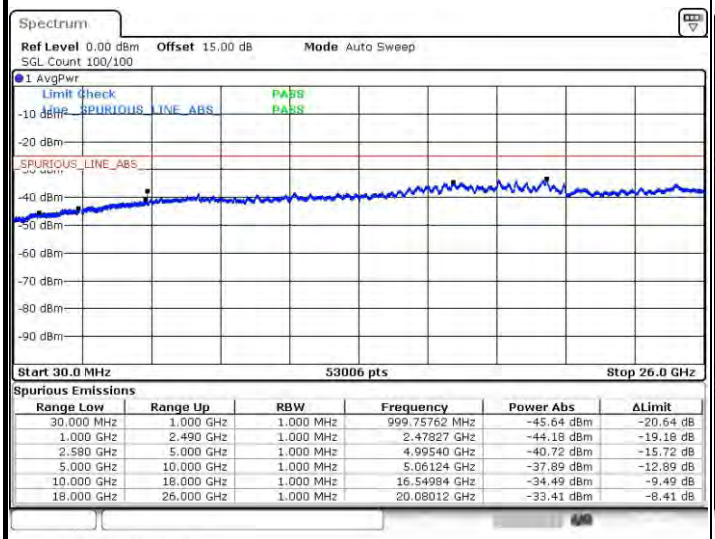
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.04098 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45928 GHz	-44.08 dBm	-19.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96395 GHz	-41.22 dBm	-16.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-33.38 dBm	-8.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60334 GHz	-34.50 dBm	-9.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08612 GHz	-33.61 dBm	-8.61 dB

Date: 3.SEP.2015 19:25:31

LTE Band 7 / 10MHz

Middle Channel / QPSK

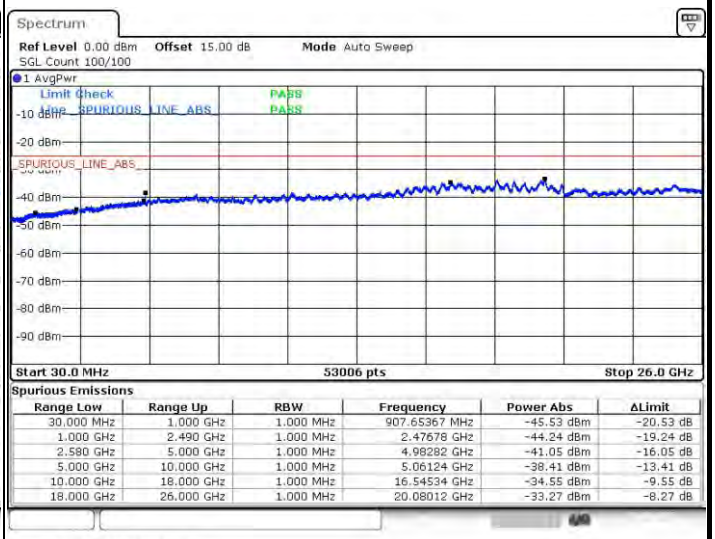


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-45.64 dBm	-20.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47827 GHz	-44.18 dBm	-19.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99540 GHz	-40.72 dBm	-15.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-37.89 dBm	-12.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54984 GHz	-34.49 dBm	-9.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08012 GHz	-33.41 dBm	-8.41 dB

Date: 3.SEP.2015 19:27:28

Middle Channel / 16QAM

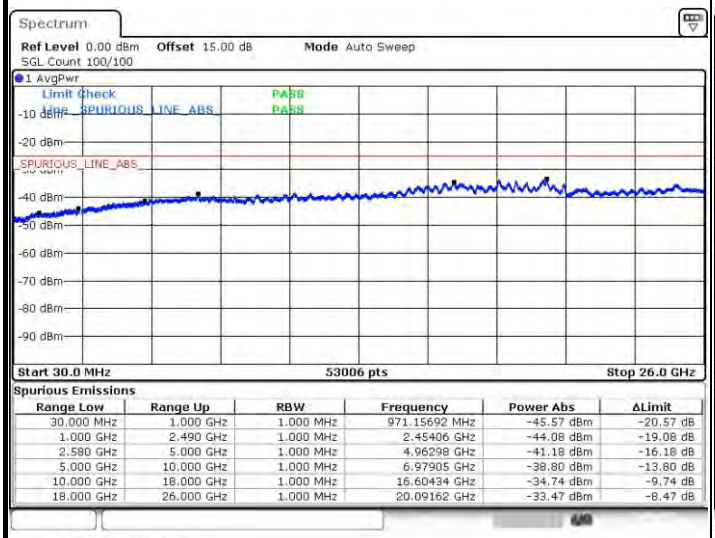


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47678 GHz	-44.24 dBm	-19.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-41.05 dBm	-16.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-38.41 dBm	-13.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54534 GHz	-34.55 dBm	-9.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08012 GHz	-33.27 dBm	-8.27 dB

Date: 3.SEP.2015 19:28:37

Highest Channel / QPSK

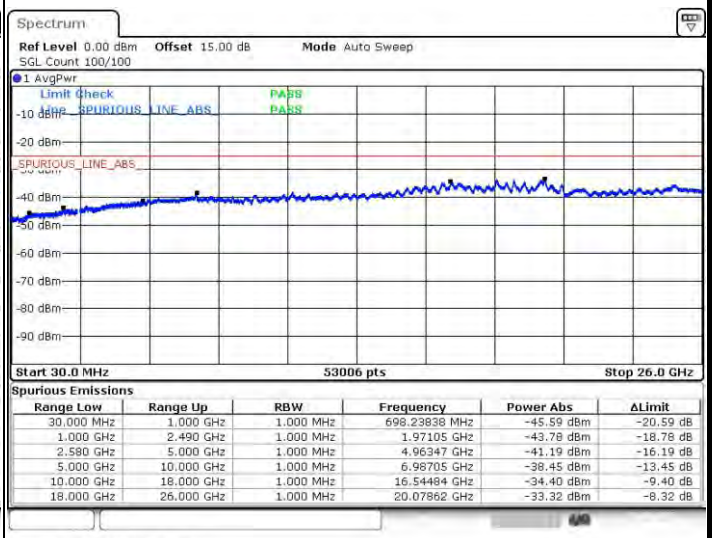


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-45.57 dBm	-20.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45406 GHz	-44.08 dBm	-19.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96298 GHz	-41.18 dBm	-16.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97905 GHz	-38.80 dBm	-13.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60434 GHz	-34.74 dBm	-9.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.09162 GHz	-33.47 dBm	-8.47 dB

Date: 3.SEP.2015 19:35:16

Highest Channel / 16QAM



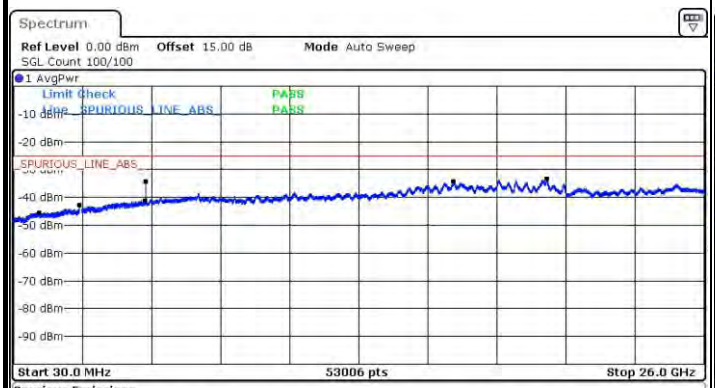
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	698.23838 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.97105 GHz	-43.78 dBm	-18.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96347 GHz	-41.19 dBm	-16.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98705 GHz	-38.45 dBm	-13.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54484 GHz	-34.40 dBm	-9.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07862 GHz	-33.32 dBm	-8.32 dB

Date: 3.SEP.2015 19:36:25

LTE Band 7 / 15MHz

Lowest Channel / QPSK

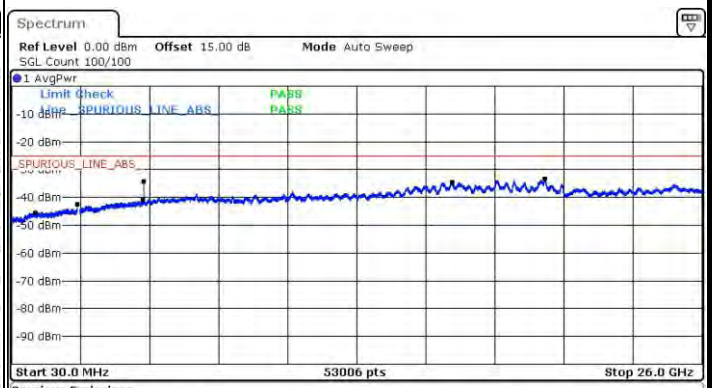


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-45.46 dBm	-20.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48758 GHz	-42.86 dBm	-17.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97605 GHz	-41.17 dBm	-16.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-34.12 dBm	-9.12 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55884 GHz	-34.36 dBm	-9.36 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07912 GHz	-33.27 dBm	-8.27 dB

Date: 3.SEP.2015 19:43:11

Lowest Channel / 16QAM

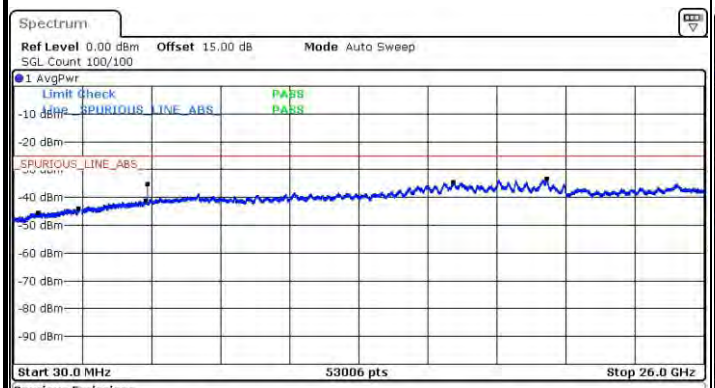


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-45.45 dBm	-20.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48795 GHz	-42.51 dBm	-17.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97024 GHz	-40.87 dBm	-15.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-34.26 dBm	-9.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59684 GHz	-34.54 dBm	-9.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08512 GHz	-33.44 dBm	-8.44 dB

Date: 3.SEP.2015 19:44:21

Middle Channel / QPSK

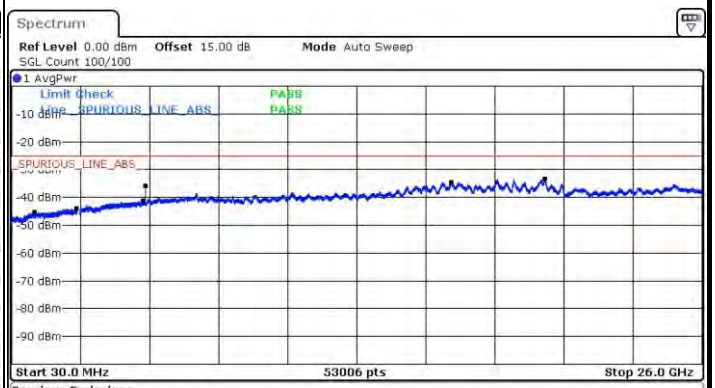


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47268 GHz	-44.05 dBm	-19.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99250 GHz	-41.11 dBm	-16.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-35.25 dBm	-10.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54884 GHz	-34.51 dBm	-9.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07412 GHz	-33.24 dBm	-8.24 dB

Date: 3.SEP.2015 19:46:10

Middle Channel / 16QAM



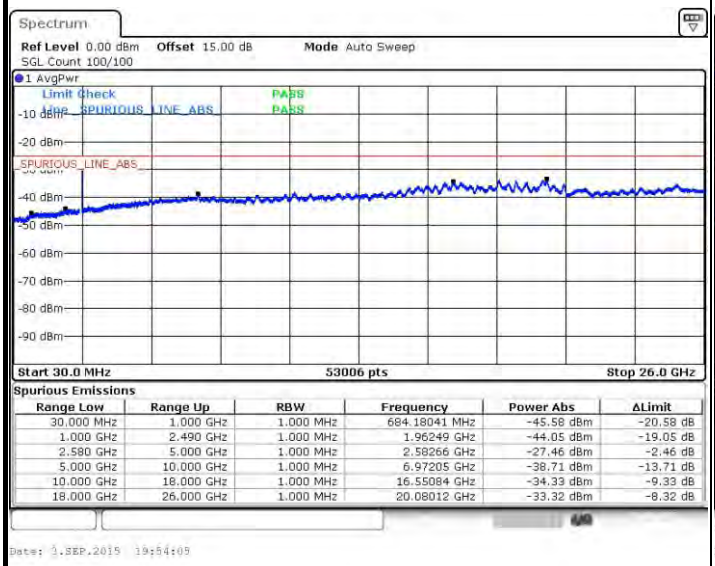
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-45.41 dBm	-20.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45592 GHz	-44.07 dBm	-19.07 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95621 GHz	-41.04 dBm	-16.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-35.83 dBm	-10.83 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57384 GHz	-34.44 dBm	-9.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08462 GHz	-33.39 dBm	-8.39 dB

Date: 3.SEP.2015 19:47:27

LTE Band7 / 15MHz

Highest Channel / QPSK

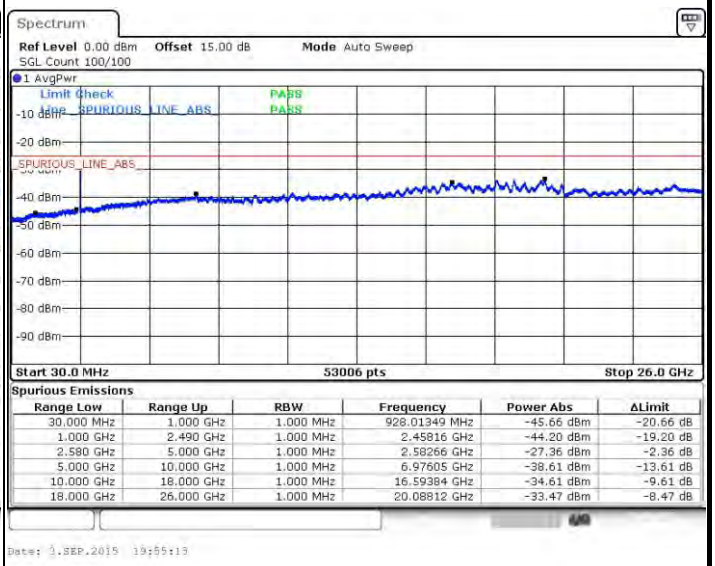


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	684.18041 MHz	-45.58 dBm	-20.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96249 GHz	-44.05 dBm	-19.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-27.46 dBm	-2.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97205 GHz	-38.71 dBm	-13.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55084 GHz	-34.33 dBm	-9.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08012 GHz	-33.32 dBm	-8.32 dB

Date: 3.SEP.2015 19:54:09

Highest Channel / 16QAM



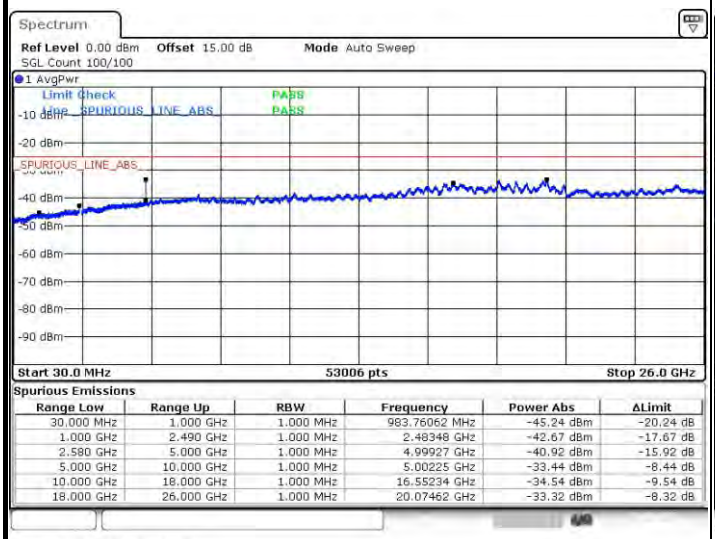
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-45.66 dBm	-20.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45816 GHz	-44.20 dBm	-19.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-27.36 dBm	-2.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97605 GHz	-38.61 dBm	-13.61 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59384 GHz	-34.61 dBm	-9.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08812 GHz	-33.47 dBm	-8.47 dB

Date: 3.SEP.2015 19:55:13

LTE Band 7 / 20MHz

Lowest Channel / QPSK

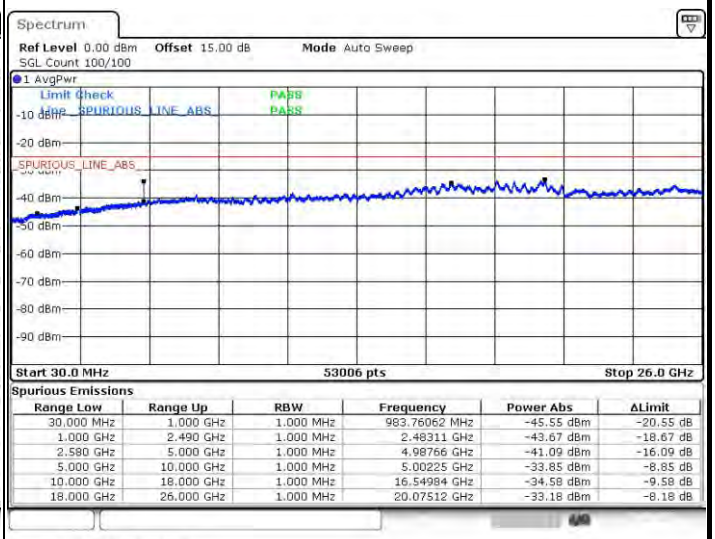


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-45.24 dBm	-20.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48348 GHz	-42.67 dBm	-17.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99927 GHz	-40.92 dBm	-15.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-33.44 dBm	-8.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55234 GHz	-34.54 dBm	-9.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07462 GHz	-33.32 dBm	-8.32 dB

Date: 3.SEP.2015 20:02:00

Lowest Channel / 16QAM



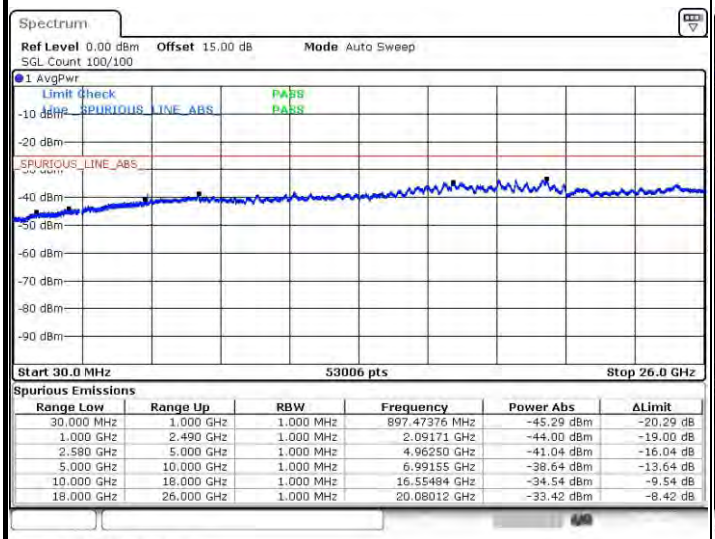
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48311 GHz	-43.67 dBm	-18.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-41.09 dBm	-16.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-33.85 dBm	-8.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54984 GHz	-34.58 dBm	-9.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07512 GHz	-33.18 dBm	-8.18 dB

Date: 3.SEP.2015 20:03:09

LTE Band 7 / 20MHz

Middle Channel / QPSK

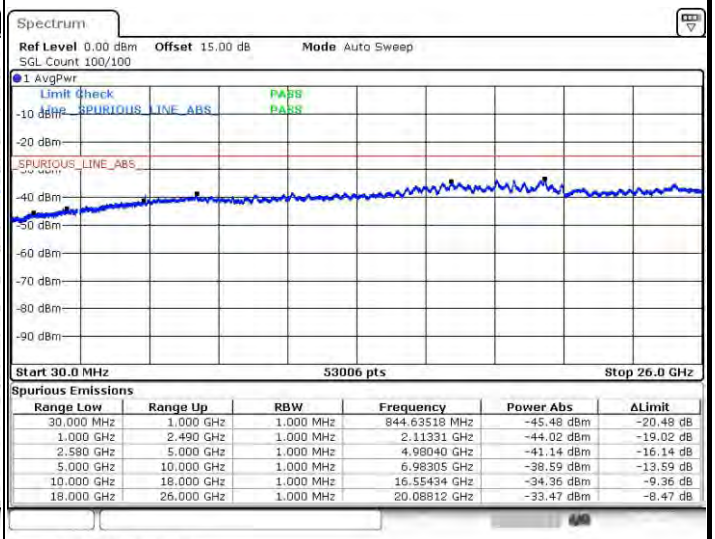


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.09171 GHz	-44.00 dBm	-19.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96250 GHz	-41.04 dBm	-16.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-38.64 dBm	-13.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55484 GHz	-34.54 dBm	-9.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08012 GHz	-33.42 dBm	-8.42 dB

Date: 3.SEP.2015 20:05:06

Middle Channel / 16QAM

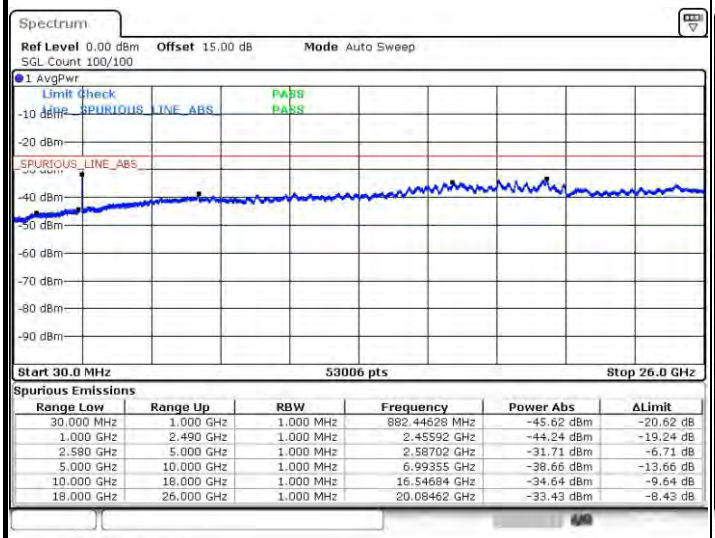


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	844.63518 MHz	-45.48 dBm	-20.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11331 GHz	-44.02 dBm	-19.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98040 GHz	-41.14 dBm	-16.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98305 GHz	-38.59 dBm	-13.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55434 GHz	-34.36 dBm	-9.36 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08812 GHz	-33.47 dBm	-8.47 dB

Date: 3.SEP.2015 20:06:13

Highest Channel / QPSK

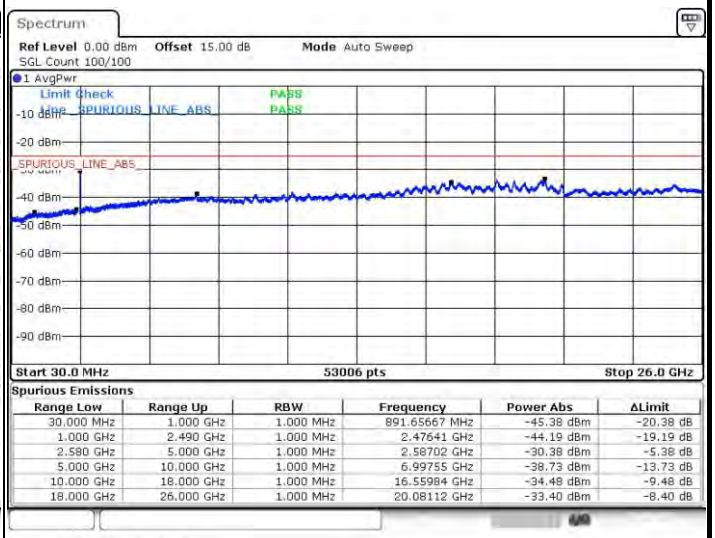


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.44628 MHz	-45.62 dBm	-20.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45592 GHz	-44.24 dBm	-19.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-31.71 dBm	-6.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99355 GHz	-38.66 dBm	-13.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54684 GHz	-34.64 dBm	-9.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08462 GHz	-33.43 dBm	-8.43 dB

Date: 3.SEP.2015 20:12:53

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47641 GHz	-44.19 dBm	-19.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-30.38 dBm	-5.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99755 GHz	-38.73 dBm	-13.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55984 GHz	-34.48 dBm	-9.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08112 GHz	-33.40 dBm	-8.40 dB

Date: 3.SEP.2015 20:14:02

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	0.0085	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0282	
-10	Normal Voltage	0.0310	
-20	Normal Voltage	0.0338	
-30	Normal Voltage	0.0324	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

LTE Band 17

Conducted Output Power(Average power)

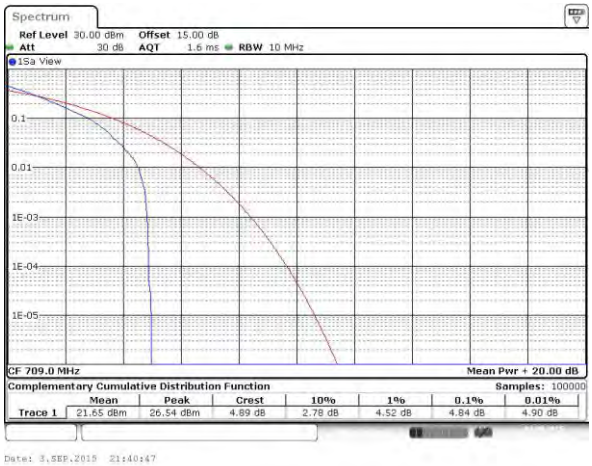
LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	23.41	23.34	23.33
10	1	25		23.32	23.30	23.21
10	1	49		23.07	22.98	22.86
10	25	0		22.39	22.38	22.35
10	25	12		22.37	22.31	22.25
10	25	25		22.30	22.21	22.15
10	50	0		22.36	22.31	22.25
10	1	0	16-QAM	22.68	22.70	22.72
10	1	25		22.64	22.59	22.58
10	1	49		22.47	22.35	22.28
10	25	0		21.43	21.43	21.39
10	25	12		21.42	21.35	21.28
10	25	25		21.33	21.27	21.18
10	50	0		21.38	21.38	21.30
5	1	0	QPSK	23.32	23.27	23.11
5	1	12		23.40	23.26	22.97
5	1	24		23.26	23.07	22.71
5	12	0		22.45	22.38	22.19
5	12	7		22.45	22.37	22.09
5	12	13		22.44	22.33	22.01
5	25	0		22.39	22.30	22.00
5	1	0	16-QAM	22.70	22.61	22.43
5	1	12		22.72	22.60	22.34
5	1	24		22.56	22.42	22.06
5	12	0		21.48	21.43	21.23
5	12	7		21.50	21.41	21.15
5	12	13		21.48	21.38	21.08
5	25	0		21.43	21.33	21.06

Peak-to-Average Ratio

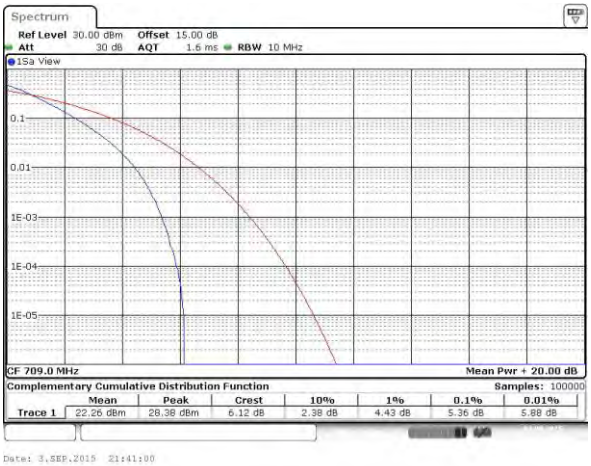
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.84	5.36	5.86	6.23	PASS
Middle CH	4.46	5.39	5.48	6.23	
Highest CH	4.43	5.45	5.19	6.26	

LTE Band 17 / 10MHz / QPSK

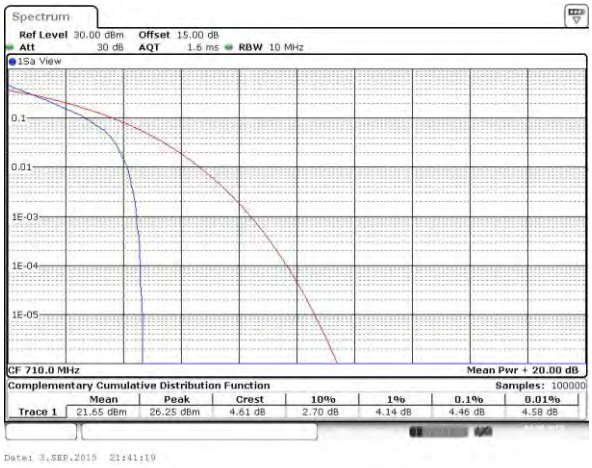
Lowest Channel / 1RB



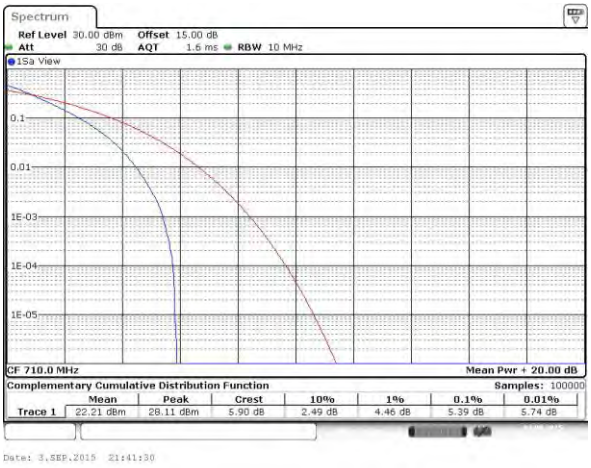
Lowest Channel / Full RB



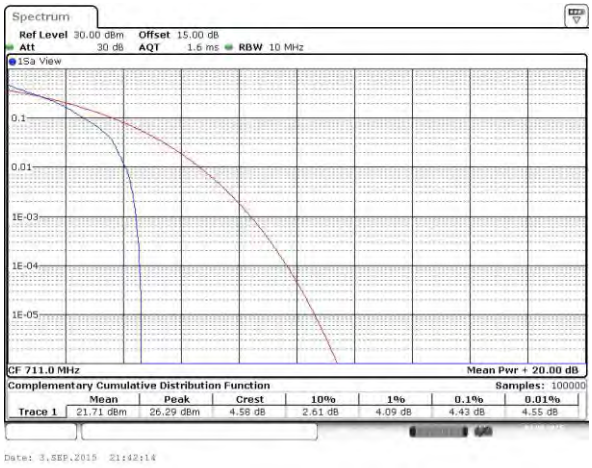
Middle Channel/ 1RB



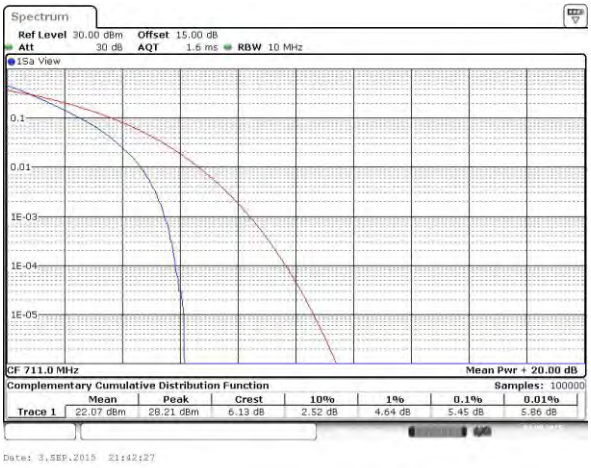
Middle Channel / Full RB



Highest Channel/ 1RB

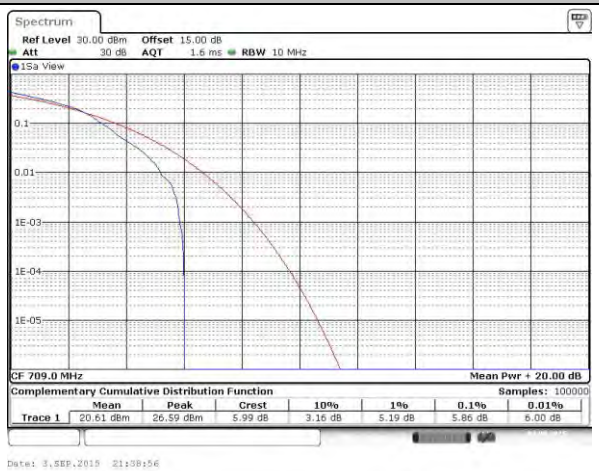


Highest Channel / Full RB

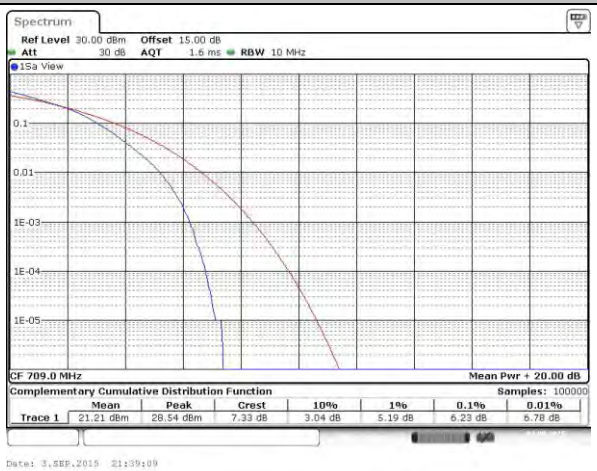


LTE Band 17 / 10MHz / 16QAM

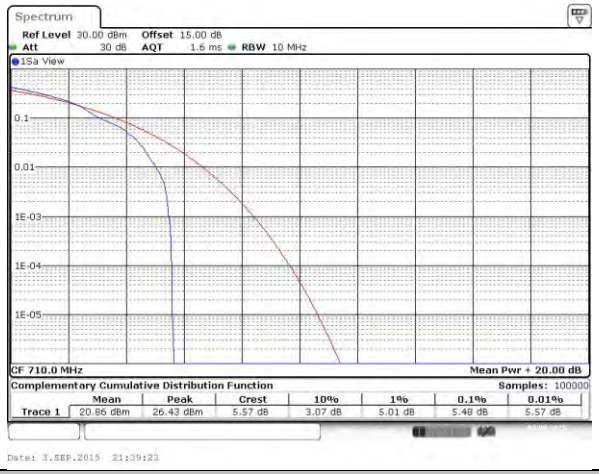
Lowest Channel / 1RB



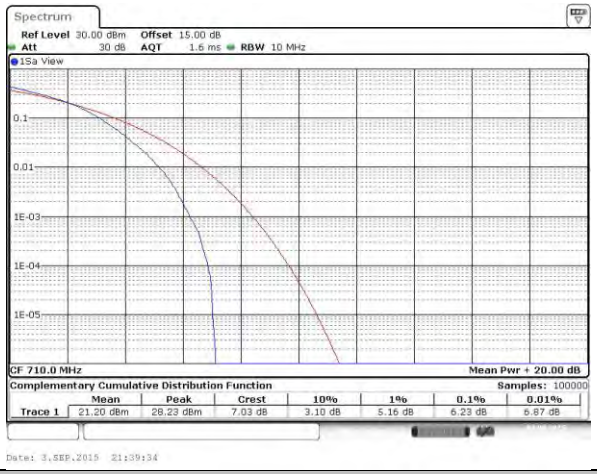
Lowest Channel / Full RB



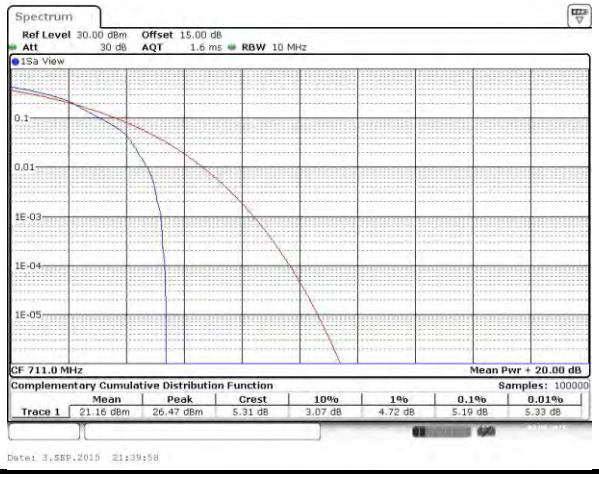
Middle Channel/ 1RB



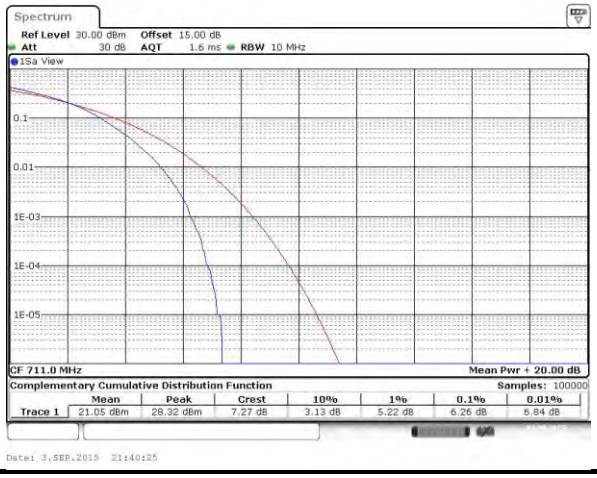
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB

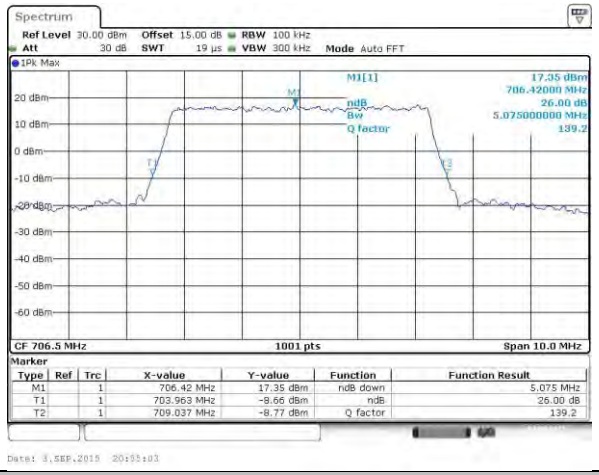


26dB Bandwidth

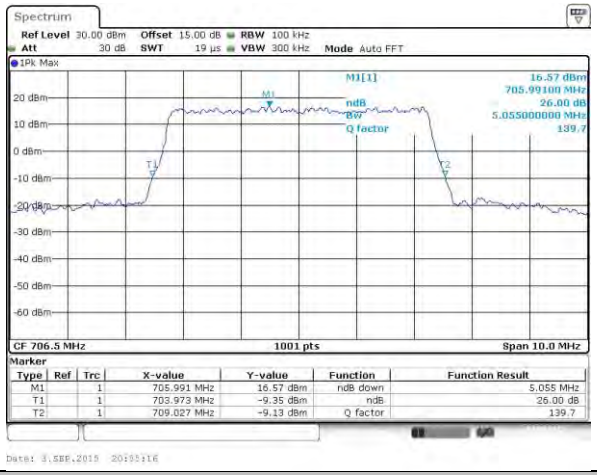
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.08	5.06	10.03	9.93	-	-	-	-
Middle CH	-	-	-	-	5.05	5.07	10.01	9.93	-	-	-	-
Highest CH	-	-	-	-	5.08	5.07	9.99	9.97	-	-	-	-

LTE Band 17

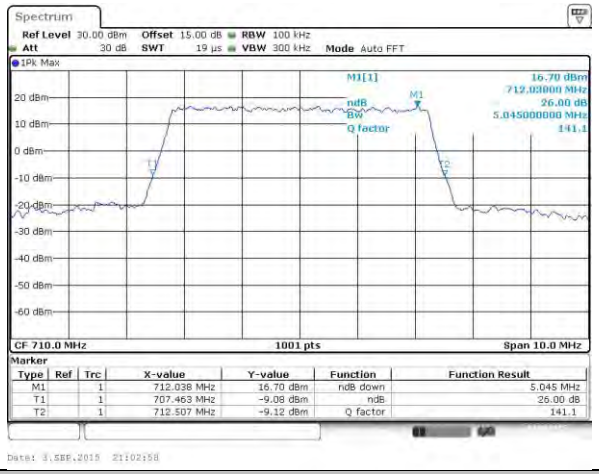
Lowest Channel / 5MHz / QPSK



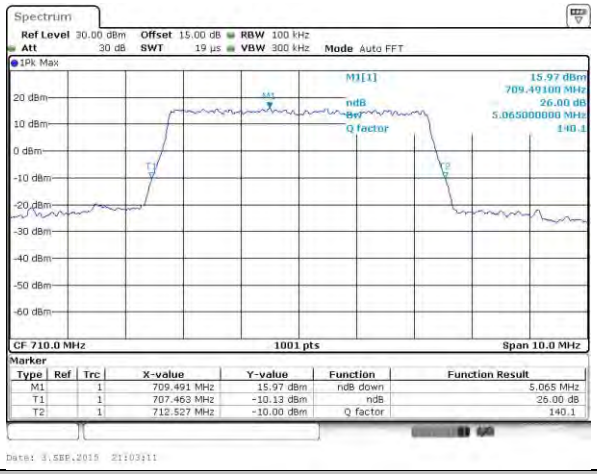
Lowest Channel / 5MHz / 16QAM



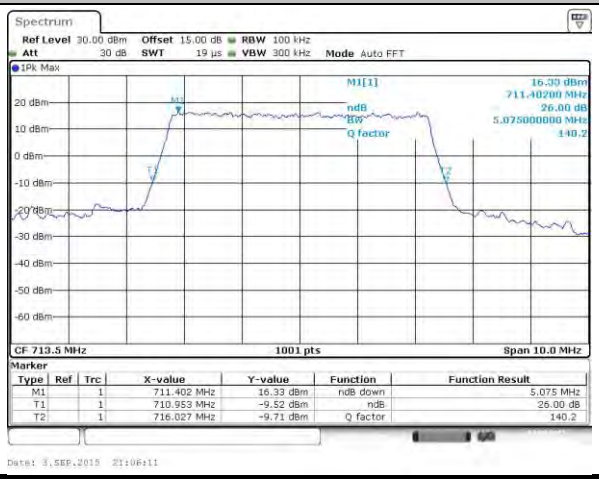
Middle Channel / 5MHz / QPSK



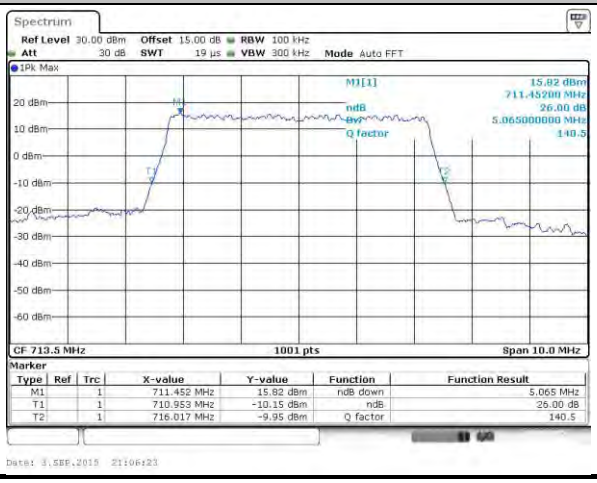
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

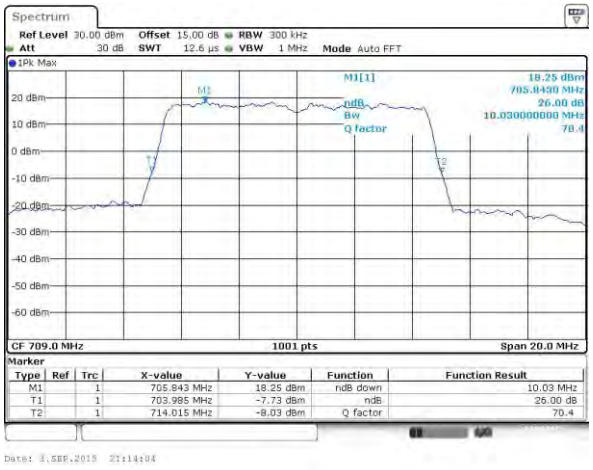


Highest Channel / 5MHz / 16QAM

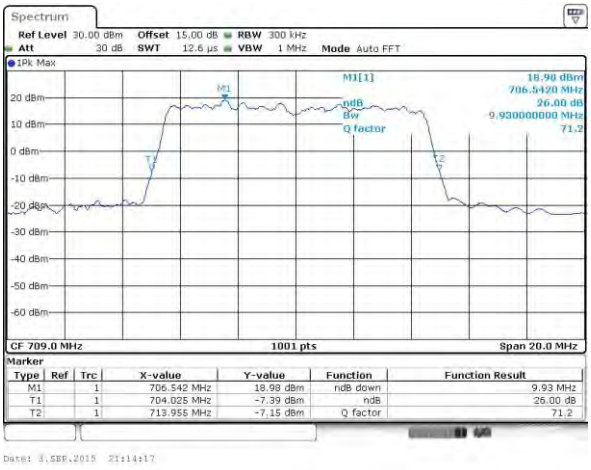


LTE Band 17

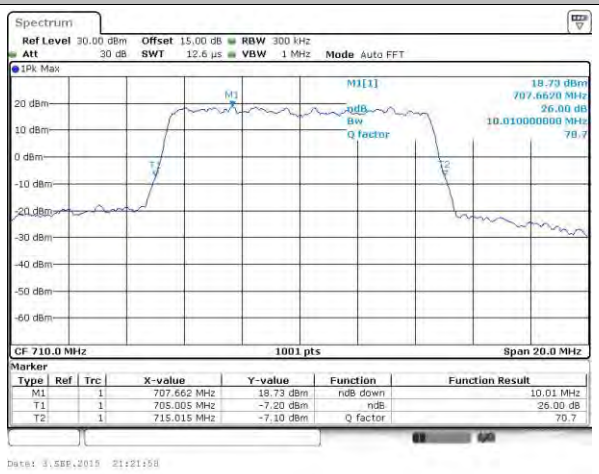
Lowest Channel / 10MHz / QPSK



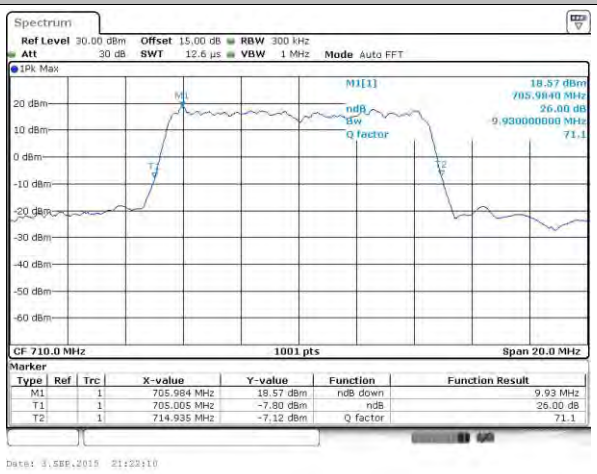
Lowest Channel / 10MHz / 16QAM



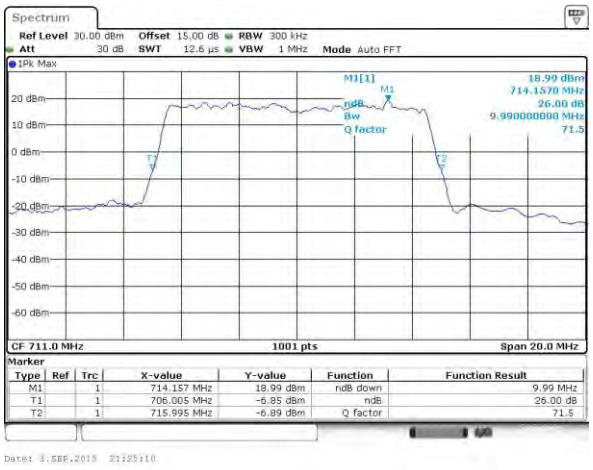
Middle Channel / 10MHz / QPSK



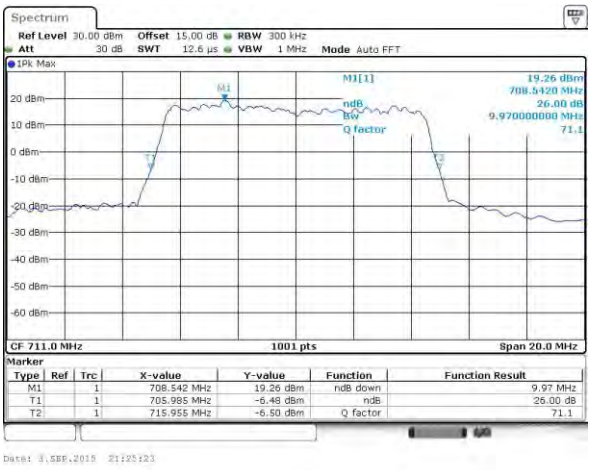
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

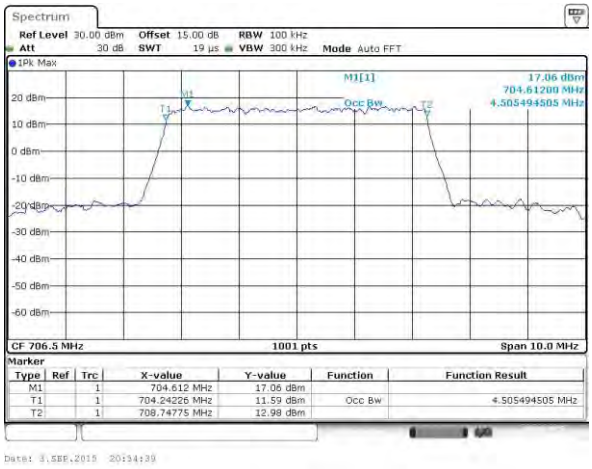


Occupied Bandwidth

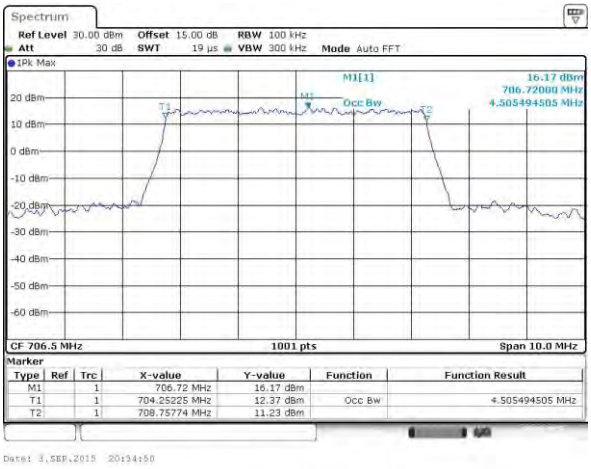
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.11	9.03	-	-	-	-
Middle CH	-	-	-	-	4.51	4.50	9.09	9.05	-	-	-	-
Highest CH	-	-	-	-	4.51	4.51	9.05	8.99	-	-	-	-

LTE Band 17

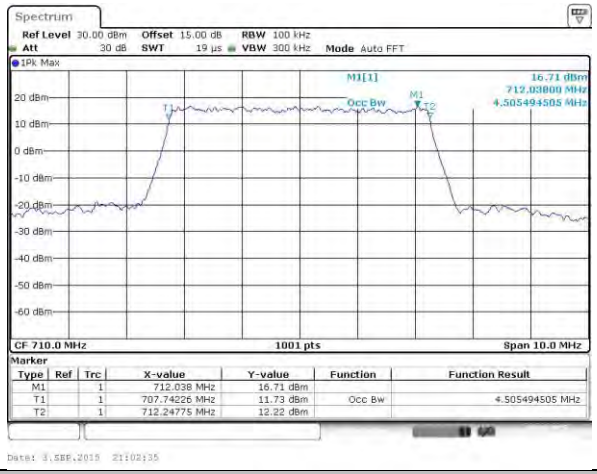
Lowest Channel / 5MHz / QPSK



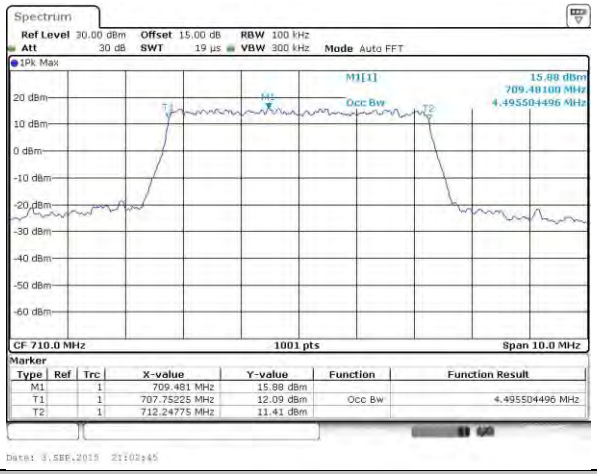
Lowest Channel / 5MHz / 16QAM



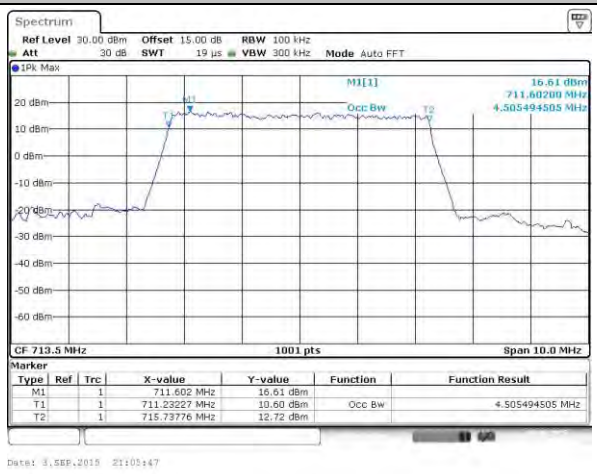
Middle Channel / 5MHz / QPSK



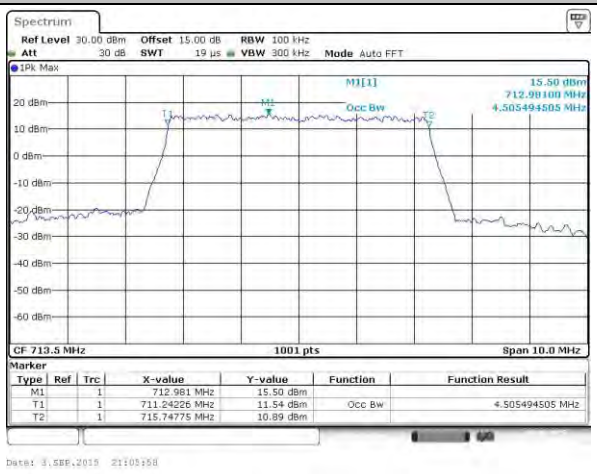
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

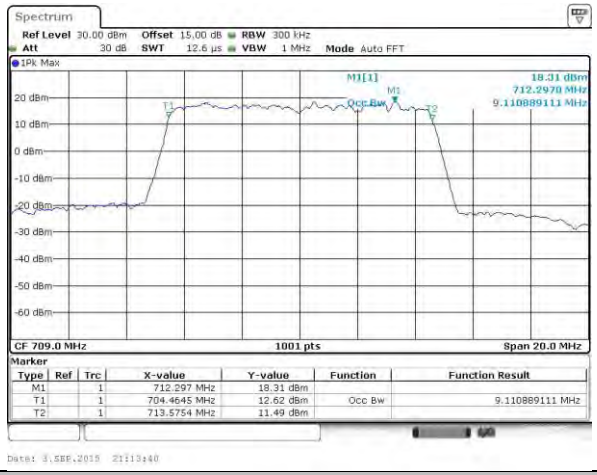


Highest Channel / 5MHz / 16QAM

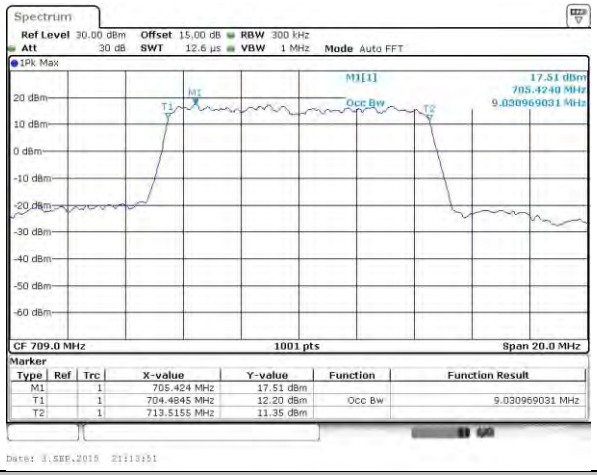


LTE Band 17

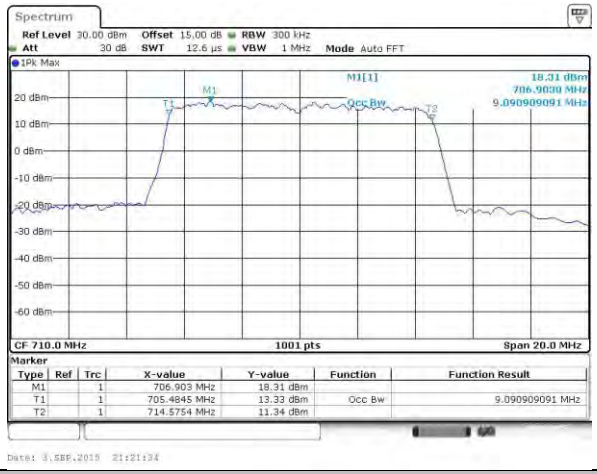
Lowest Channel / 10MHz / QPSK



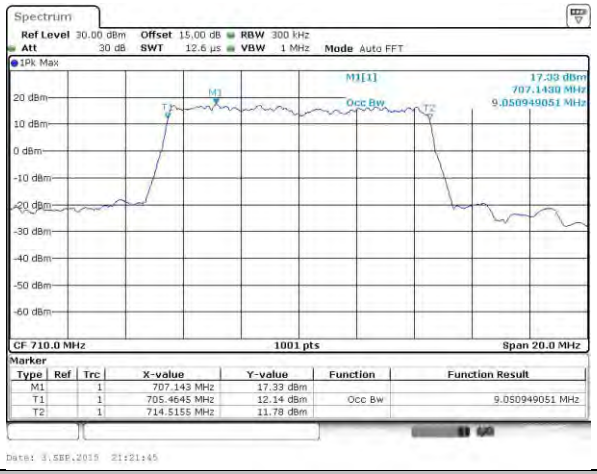
Lowest Channel / 10MHz / 16QAM



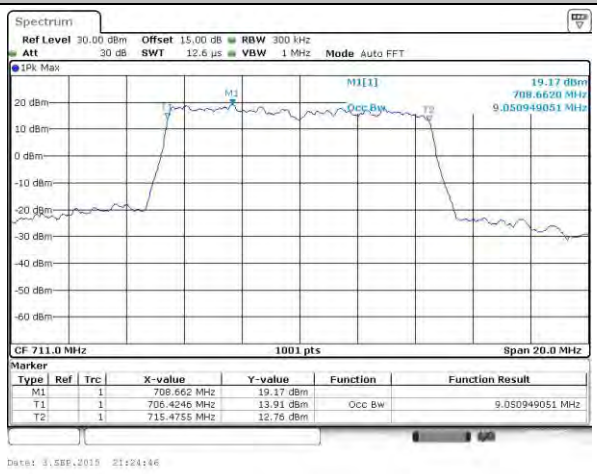
Middle Channel / 10MHz / QPSK



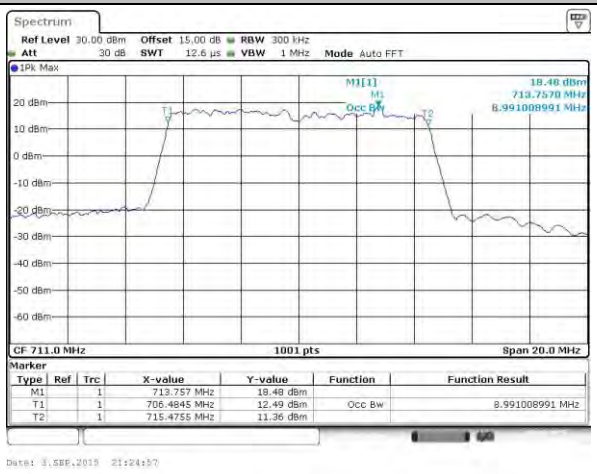
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



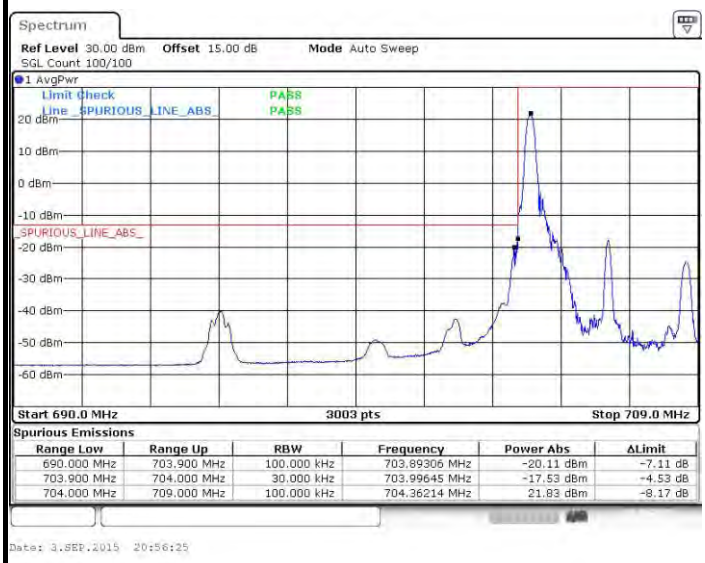
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

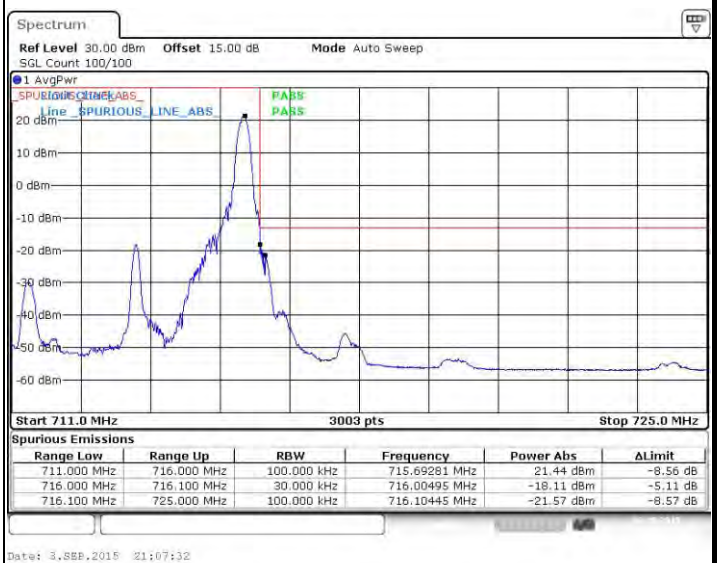


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-20.11 dBm	-7.11 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99645 MHz	-17.53 dBm	-4.53 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.36214 MHz	21.83 dBm	-8.17 dB

Date: 3.SEP.2015 20:56:25

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	21.44 dBm	-8.56 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00495 MHz	-18.11 dBm	-5.11 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-21.57 dBm	-8.57 dB

Date: 3.SEP.2015 21:07:32

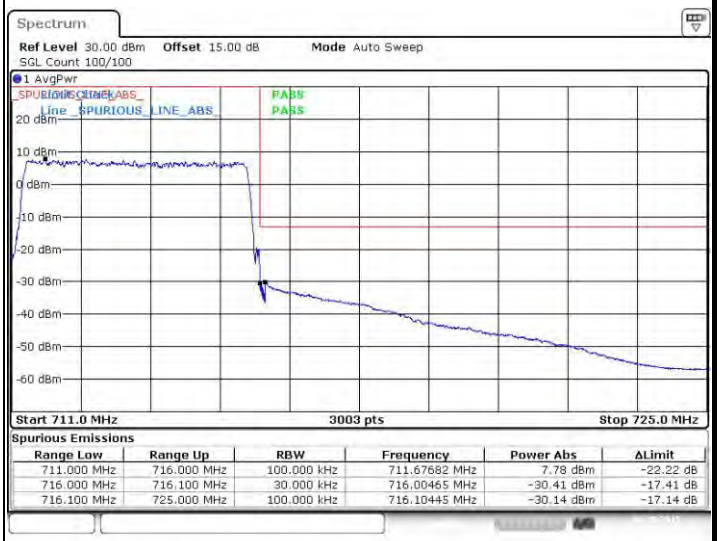
Lowest Band Edge / Full RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-28.01 dBm	-15.01 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99965 MHz	-28.63 dBm	-15.63 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.39810 MHz	8.20 dBm	-21.80 dB

Date: 3.SEP.2015 20:58:46

Highest Band Edge / Full RB



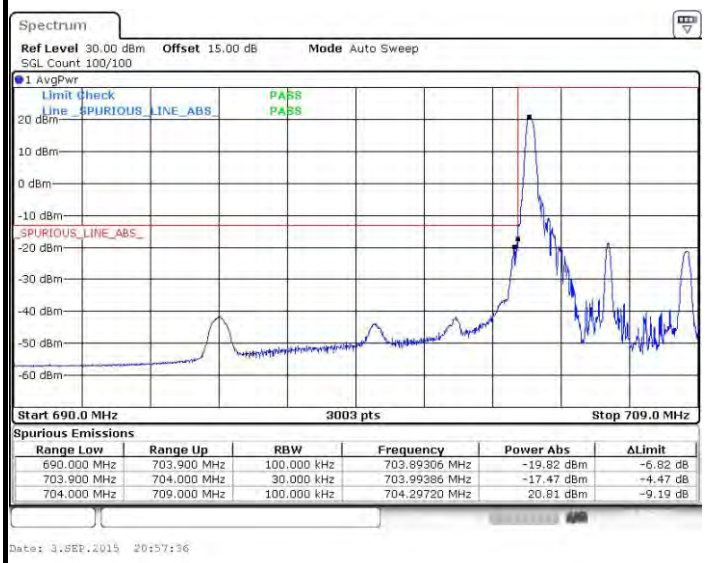
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.67682 MHz	7.78 dBm	-22.22 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00465 MHz	-30.41 dBm	-17.41 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.14 dBm	-17.14 dB

Date: 3.SEP.2015 21:09:53

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

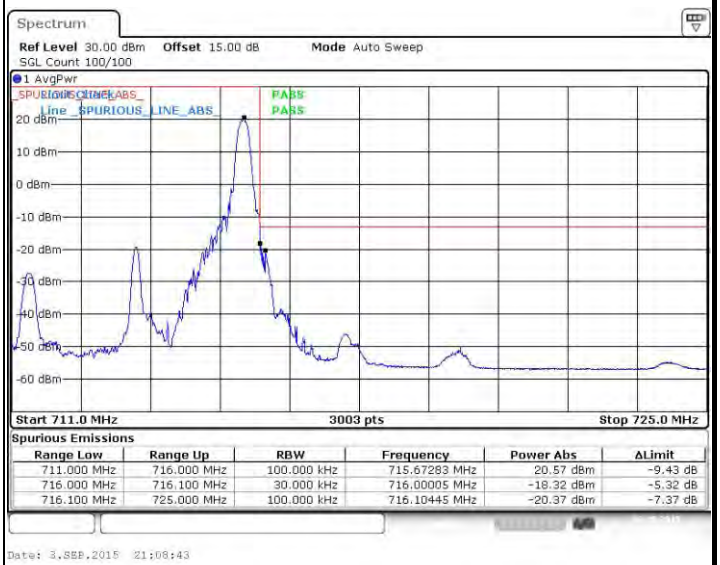


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-19.82 dBm	-6.82 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99386 MHz	-17.47 dBm	+4.47 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.29720 MHz	20.81 dBm	-9.19 dB

Date: 3.SEP.2015 20:57:36

Highest Band Edge / 1 RB

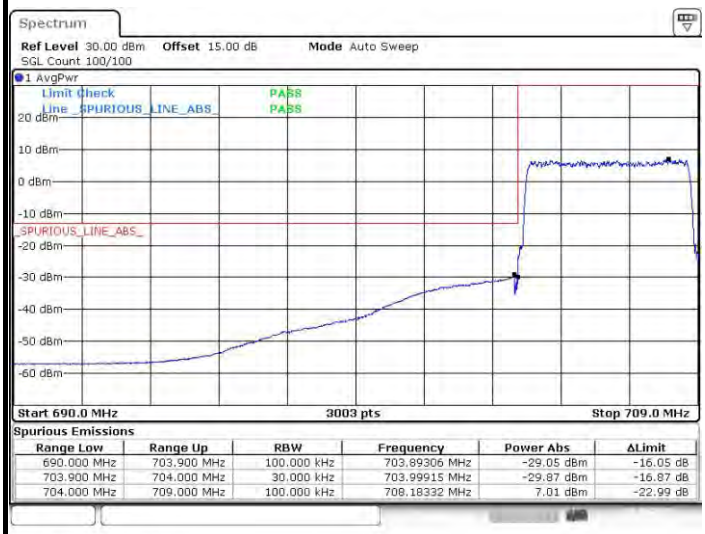


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67283 MHz	20.57 dBm	-9.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-18.32 dBm	-5.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-20.37 dBm	-7.37 dB

Date: 3.SEP.2015 21:08:43

Lowest Band Edge / Full RB

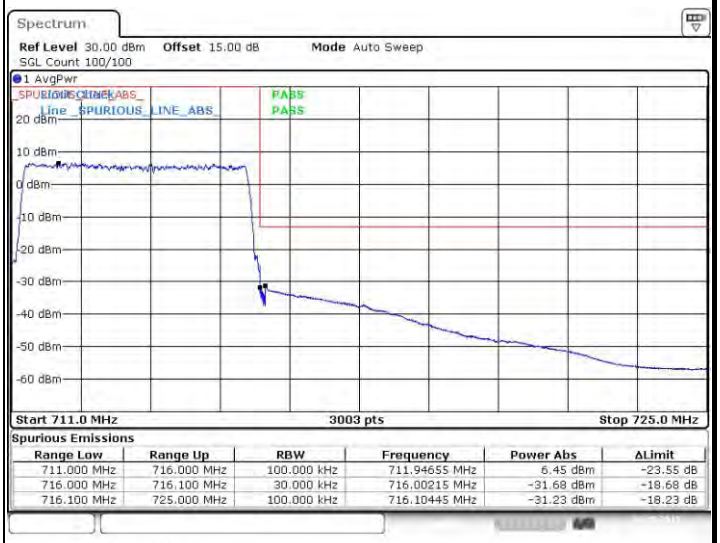


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-29.05 dBm	-16.05 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99915 MHz	-29.87 dBm	-16.87 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.18332 MHz	7.01 dBm	-22.99 dB

Date: 3.SEP.2015 20:59:57

Highest Band Edge / Full RB



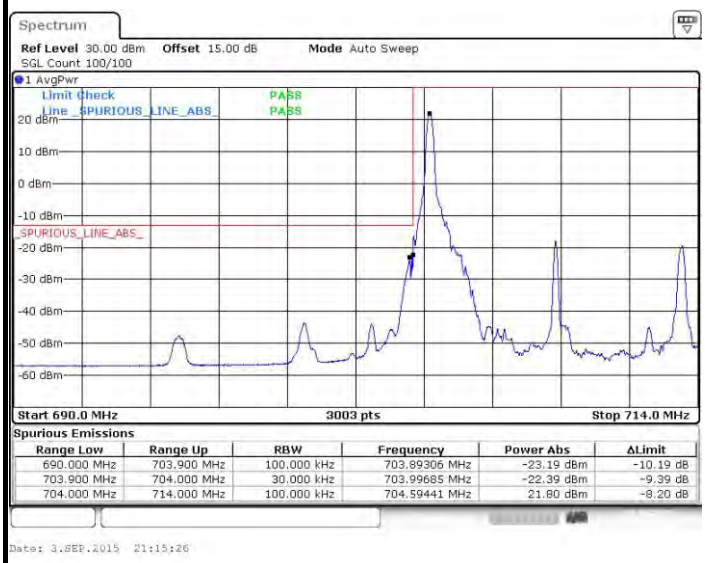
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.94655 MHz	6.45 dBm	-23.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00215 MHz	-31.68 dBm	-18.68 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.23 dBm	-18.23 dB

Date: 3.SEP.2015 21:11:03

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

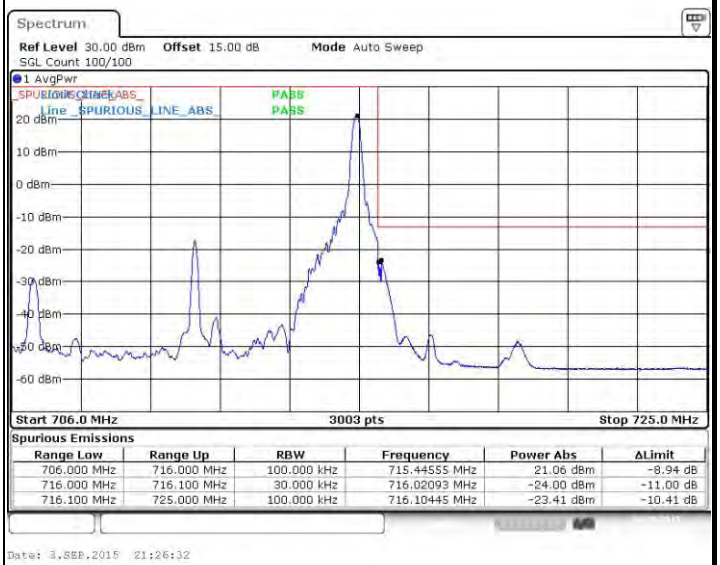


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-23.19 dBm	-10.19 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99685 MHz	-22.39 dBm	-9.39 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.59441 MHz	21.80 dBm	-8.20 dB

Date: 3.SEP.2015 21:15:26

Highest Band Edge / 1 RB

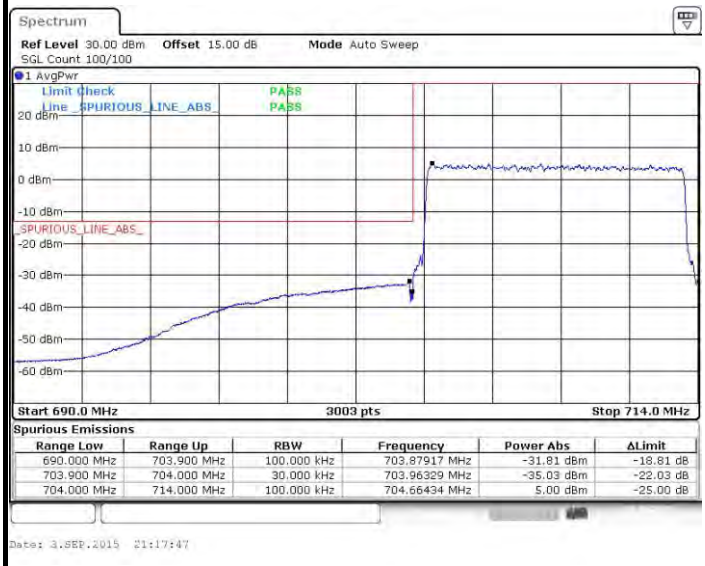


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.44555 MHz	21.06 dBm	-8.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02093 MHz	-24.00 dBm	-11.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.41 dBm	-10.41 dB

Date: 3.SEP.2015 21:26:32

Lowest Band Edge / Full RB

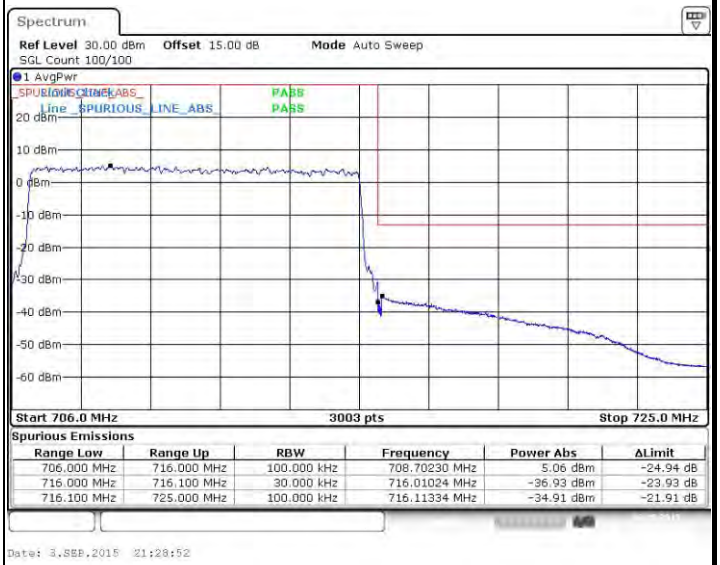


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-31.81 dBm	-18.81 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.96329 MHz	-35.03 dBm	-22.03 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.66434 MHz	5.00 dBm	-25.00 dB

Date: 3.SEP.2015 21:17:47

Highest Band Edge / Full RB



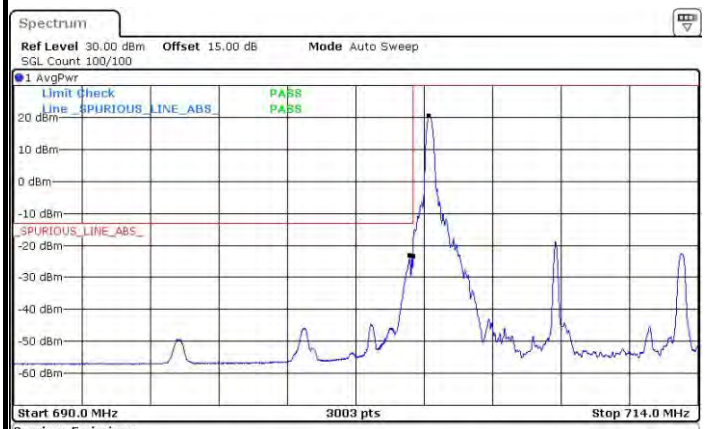
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.70230 MHz	5.06 dBm	-24.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01024 MHz	-36.93 dBm	-23.93 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-34.91 dBm	-21.91 dB

Date: 3.SEP.2015 21:28:52

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

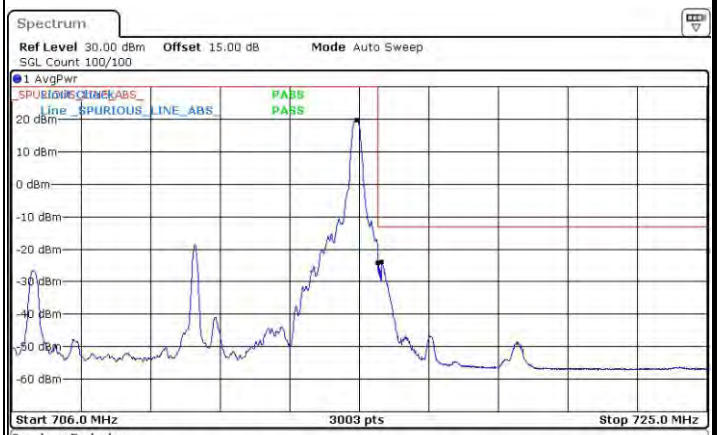


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-23.18 dBm	-10.18 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99795 MHz	-23.46 dBm	-10.46 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.56444 MHz	20.65 dBm	-9.35 dB

Date: 3.SEP.2015 21:16:37

Highest Band Edge / 1 RB

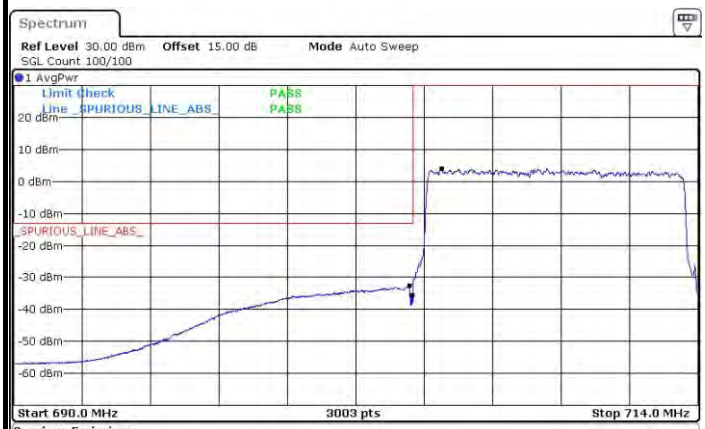


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	19.77 dBm	-10.23 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-24.32 dBm	-11.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-23.89 dBm	-10.89 dB

Date: 3.SEP.2015 21:27:42

Lowest Band Edge / Full RB

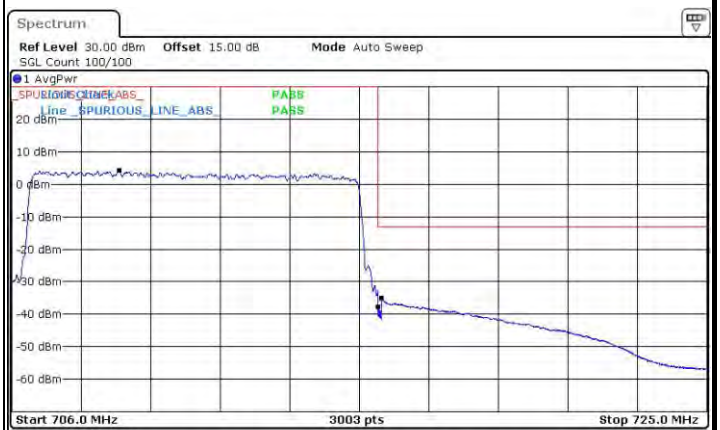


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.51 dBm	-19.51 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98347 MHz	-35.64 dBm	-22.64 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.99401 MHz	4.06 dBm	-25.94 dB

Date: 3.SEP.2015 21:18:57

Highest Band Edge / Full RB



Spurious Emissions

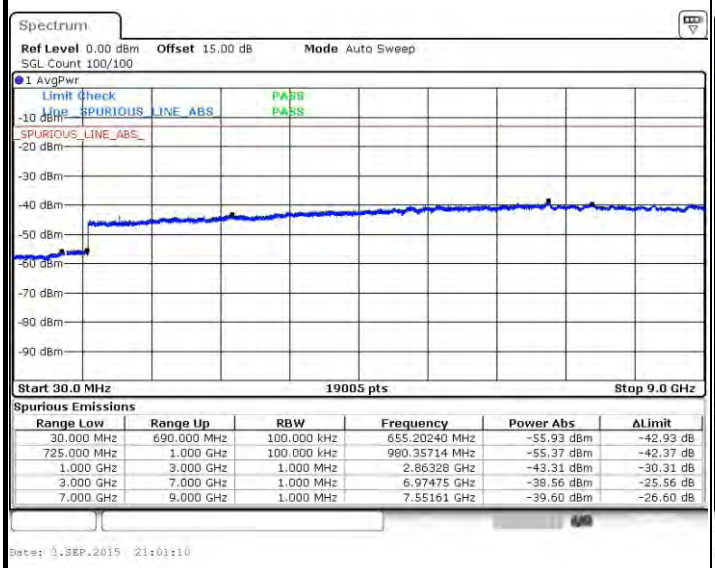
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.94206 MHz	4.16 dBm	-25.84 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-37.70 dBm	-24.70 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.16 dBm	-22.16 dB

Date: 3.SEP.2015 21:30:02

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

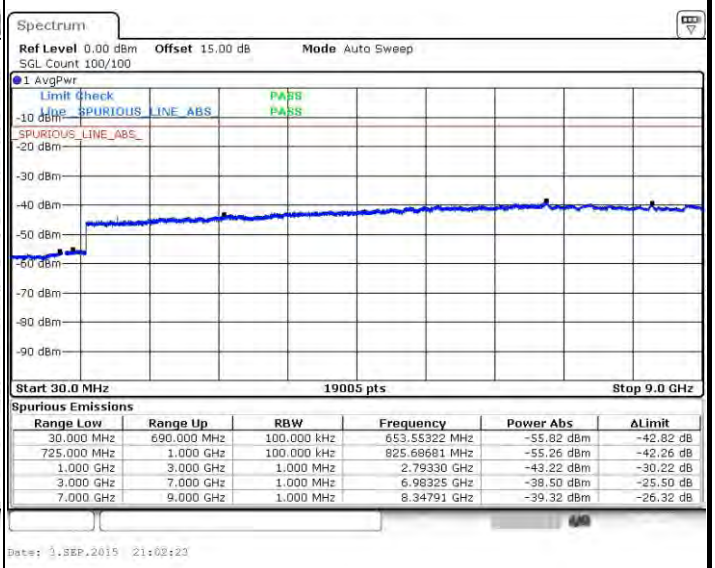


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	655.20240 MHz	-55.93 dBm	-42.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	980.35714 MHz	-55.37 dBm	-42.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86328 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97475 GHz	-38.56 dBm	-25.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-39.60 dBm	-26.60 dB

Date: 3.SEP.2015 21:01:10

Lowest Channel / 16QAM

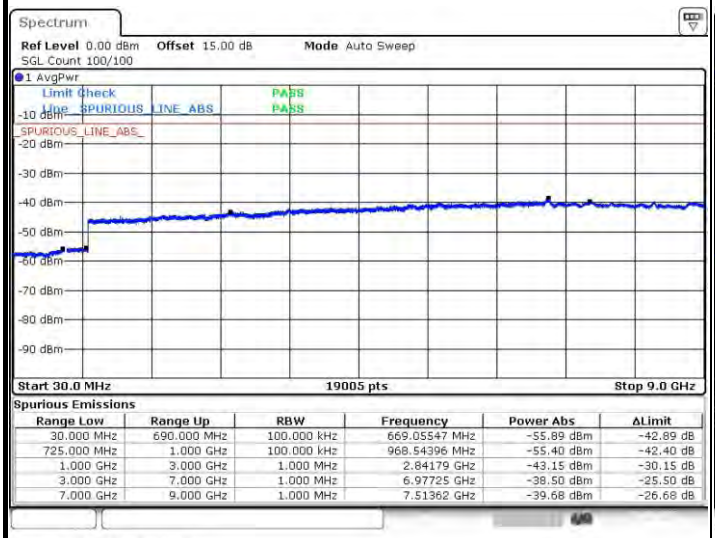


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	653.55322 MHz	-55.82 dBm	-42.82 dB
725.000 MHz	1.000 GHz	100.000 kHz	825.68681 MHz	-55.26 dBm	-42.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.79330 GHz	-43.22 dBm	-30.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-38.50 dBm	-25.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.34791 GHz	-39.32 dBm	-26.32 dB

Date: 3.SEP.2015 21:02:23

Middle Channel / QPSK

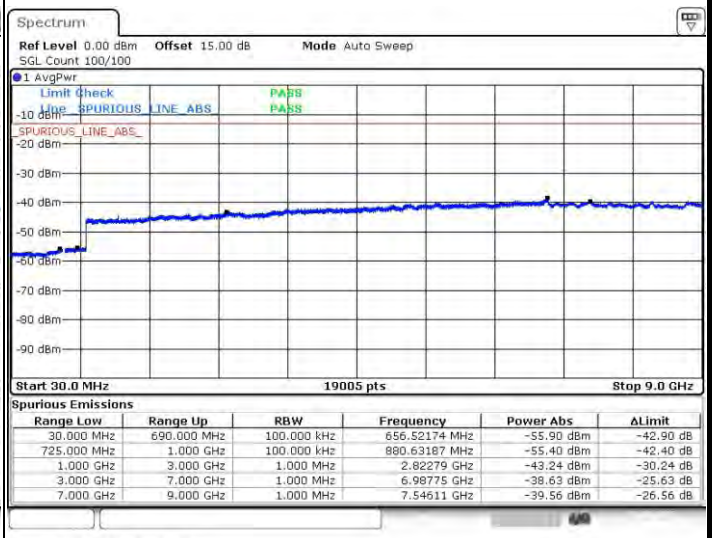


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	669.05547 MHz	-55.89 dBm	-42.89 dB
725.000 MHz	1.000 GHz	100.000 kHz	968.54396 MHz	-55.40 dBm	-42.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84179 GHz	-43.15 dBm	-30.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-38.50 dBm	-25.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.51362 GHz	-39.68 dBm	-26.68 dB

Date: 3.SEP.2015 21:04:23

Middle Channel / 16QAM



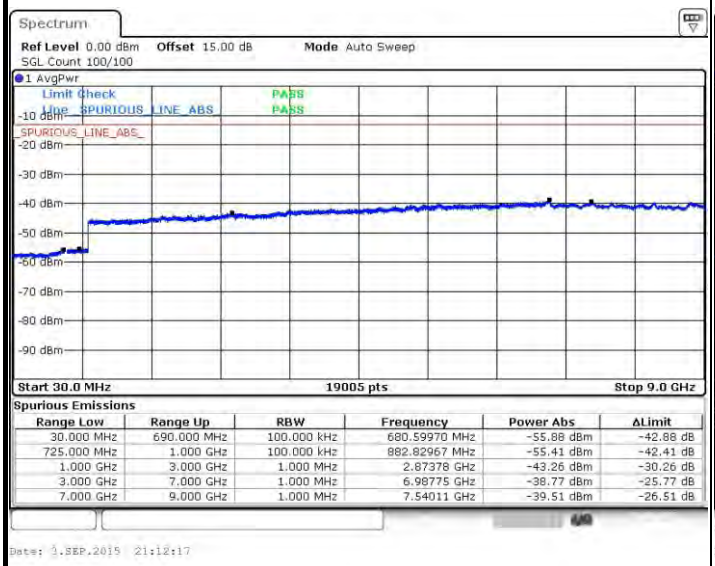
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	656.52174 MHz	-55.90 dBm	-42.90 dB
725.000 MHz	1.000 GHz	100.000 kHz	880.63187 MHz	-55.40 dBm	-42.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82279 GHz	-43.24 dBm	-30.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-38.63 dBm	-25.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-39.56 dBm	-26.56 dB

Date: 3.SEP.2015 21:05:35

LTE Band 17 / 5MHz

Highest Channel / QPSK

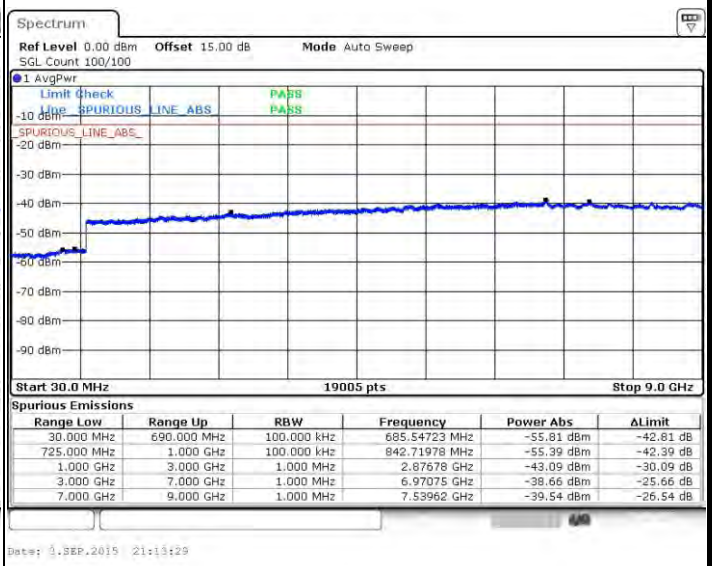


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-55.88 dBm	-42.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	882.82967 MHz	-55.41 dBm	-42.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87378 GHz	-43.26 dBm	-30.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-38.77 dBm	-25.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54011 GHz	-39.51 dBm	-26.51 dB

Date: 3.SEP.2015 21:12:17

Highest Channel / 16QAM



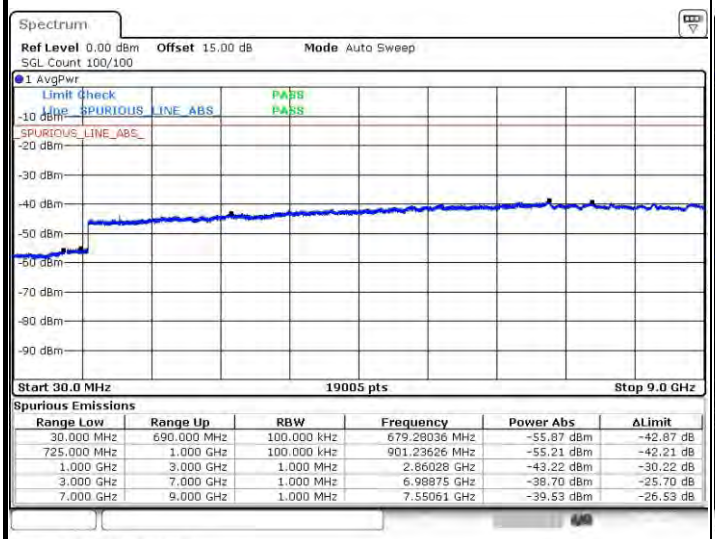
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-55.81 dBm	-42.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.71978 MHz	-55.39 dBm	-42.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87678 GHz	-43.09 dBm	-30.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97075 GHz	-38.66 dBm	-25.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53962 GHz	-39.54 dBm	-26.54 dB

Date: 3.SEP.2015 21:13:29

LTE Band 17 / 10MHz

Lowest Channel / QPSK

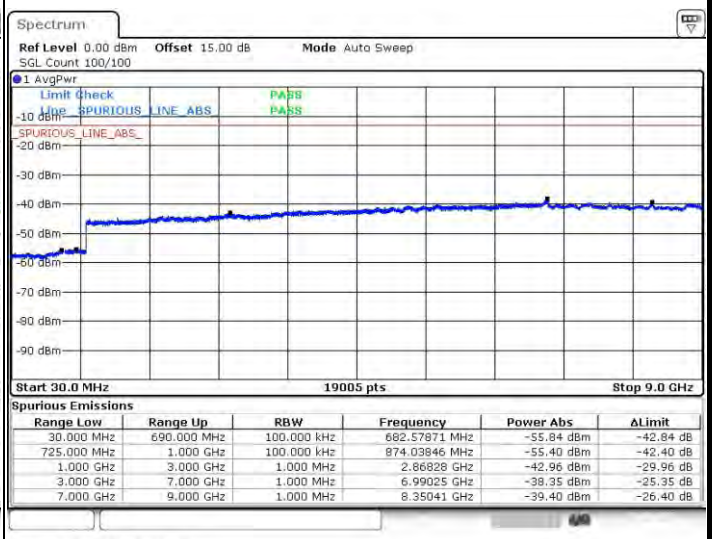


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.28036 MHz	-55.87 dBm	-42.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	901.23626 MHz	-55.21 dBm	-42.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86028 GHz	-43.22 dBm	-30.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-38.70 dBm	-25.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55061 GHz	-39.53 dBm	-26.53 dB

Date: 3.SEP.2015 21:20:10

Lowest Channel / 16QAM



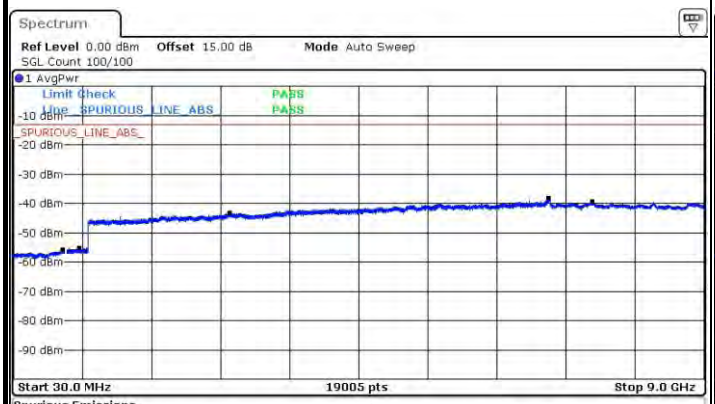
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-55.84 dBm	-42.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	874.03846 MHz	-55.40 dBm	-42.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86828 GHz	-42.96 dBm	-29.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-38.35 dBm	-25.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.35041 GHz	-39.40 dBm	-26.40 dB

Date: 3.SEP.2015 21:21:23

LTE Band 17 / 10MHz

Middle Channel / QPSK

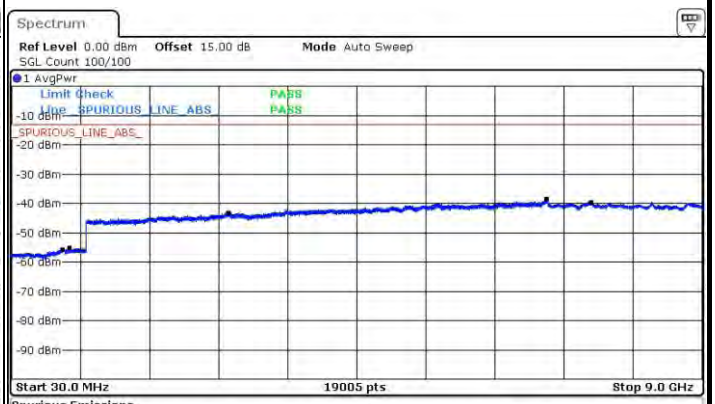


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.70465 MHz	-55.85 dBm	-42.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	882.55495 MHz	-55.21 dBm	-42.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83929 GHz	-43.29 dBm	-30.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-38.33 dBm	-25.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-39.47 dBm	-26.47 dB

Date: 3.SEP.2015 21:23:22

Middle Channel / 16QAM

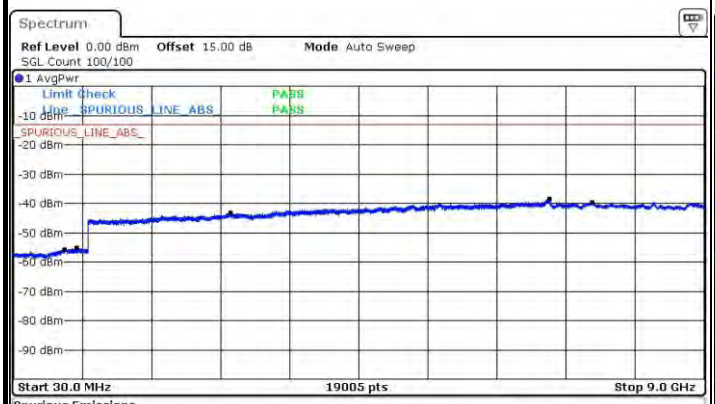


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-55.86 dBm	-42.86 dB
725.000 MHz	1.000 GHz	100.000 kHz	781.18132 MHz	-55.27 dBm	-42.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84979 GHz	-43.30 dBm	-30.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-38.38 dBm	-25.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55511 GHz	-39.59 dBm	-26.59 dB

Date: 3.SEP.2015 21:24:35

Highest Channel / QPSK

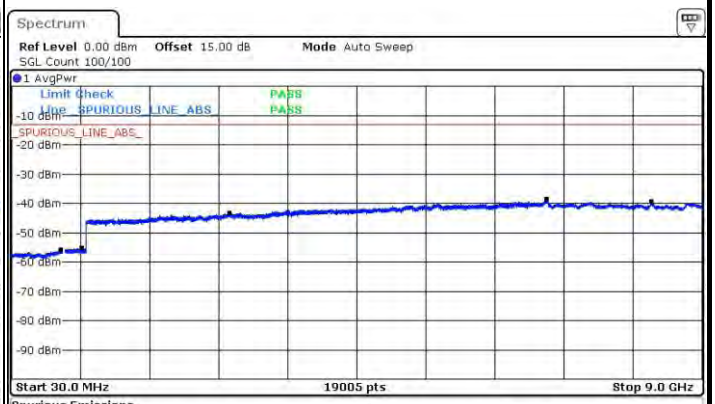


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-55.81 dBm	-42.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	844.64286 MHz	-55.20 dBm	-42.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84979 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-38.52 dBm	-25.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55211 GHz	-39.62 dBm	-26.62 dB

Date: 3.SEP.2015 21:31:15

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	665.09745 MHz	-55.71 dBm	-42.71 dB
725.000 MHz	1.000 GHz	100.000 kHz	934.75275 MHz	-55.34 dBm	-42.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86028 GHz	-43.29 dBm	-30.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-38.62 dBm	-25.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.33842 GHz	-39.55 dBm	-26.55 dB

Date: 3.SEP.2015 21:32:27

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0155	PASS
40	Normal Voltage	0.0141	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0155	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	21.98	0.1578	22.45	0.1760
Middle		3	0	21.93	0.1560	22.40	0.1738
Highest		1	5	23.89	0.2447	24.23	0.2647
Lowest	16QAM	1	3	21.31	0.1353	21.78	0.1505
Middle		1	3	21.38	0.1373	21.84	0.1526
Highest		1	3	23.04	0.2013	23.38	0.2180
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.42	0.1744	22.77	0.1892
Middle		1	0	22.43	0.1749	22.66	0.1845
Highest		1	8	23.96	0.2489	24.19	0.2622
Lowest	16QAM	1	8	21.26	0.1336	21.77	0.1502
Middle		1	0	21.29	0.1345	21.70	0.1479
Highest		1	8	22.92	0.1958	23.30	0.2140
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.14	0.1639	22.50	0.1777
Middle		1	0	22.46	0.1763	22.62	0.1828
Highest		1	24	24.06	0.2546	24.23	0.2651
Lowest	16QAM	1	0	21.28	0.1344	21.78	0.1508
Middle		1	0	21.36	0.1367	21.73	0.1488
Highest		1	24	22.94	0.1970	23.29	0.2132
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.64	0.1836	22.99	0.1989
Middle		1	0	22.66	0.1844	22.97	0.1981
Highest		1	49	24.37	0.2733	24.58	0.2873
Lowest	16QAM	1	0	21.71	0.1484	22.09	0.1618
Middle		1	0	21.73	0.1490	22.16	0.1643
Highest		1	49	23.36	0.2166	23.63	0.2307
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.68	0.1852	23.01	0.2001
Middle		1	74	22.79	0.1903	23.19	0.2086
Highest		1	74	24.22	0.2641	24.45	0.2785
Lowest	16QAM	1	0	21.75	0.1498	22.14	0.1636
Middle		1	74	21.89	0.1544	22.38	0.1730
Highest		1	74	23.34	0.2158	23.63	0.2309
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.70	0.1861	23.05	0.2016
Middle		1	0	22.77	0.1892	23.12	0.2053
Highest		1	0	23.04	0.2012	23.49	0.2236
Lowest	16QAM	1	0	21.76	0.1500	22.15	0.1641
Middle		1	0	21.84	0.1527	22.28	0.1690
Highest		1	99	23.31	0.2142	23.62	0.2299
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	21.65	0.1463	21.84	0.1529
Middle		3	0	22.66	0.1844	22.72	0.1870
Highest		1	3	22.61	0.1824	22.61	0.1824
Lowest	16QAM	1	3	20.59	0.1146	20.84	0.1213
Middle		1	3	21.53	0.1422	21.71	0.1481
Highest		1	3	21.52	0.1420	21.57	0.1436
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	8	21.56	0.1433	21.72	0.1487
Middle		1	8	22.61	0.1823	22.72	0.1870
Highest		1	0	22.58	0.1813	22.55	0.1801
Lowest	16QAM	1	8	20.59	0.1146	20.82	0.1209
Middle		1	8	21.49	0.1410	21.65	0.1464
Highest		1	8	21.51	0.1417	21.54	0.1427
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	21.67	0.1470	21.79	0.1511
Middle		1	12	22.57	0.1805	22.67	0.1849
Highest		1	0	22.72	0.1873	22.68	0.1855
Lowest	16QAM	1	12	20.69	0.1173	20.89	0.1227
Middle		1	12	21.50	0.1412	21.67	0.1468
Highest		1	0	21.63	0.1455	21.67	0.1468
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	25	21.82	0.1521	21.94	0.1561
Middle		1	49	22.74	0.1878	22.76	0.1888
Highest		1	0	22.73	0.1876	22.75	0.1883
Lowest	16QAM	1	25	20.82	0.1208	21.01	0.1262
Middle		1	49	21.91	0.1553	21.93	0.1559
Highest		1	0	21.83	0.1525	21.83	0.1524
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	74	22.26	0.1683	22.33	0.1709
Middle		1	74	22.80	0.1905	22.86	0.1932
Highest		1	0	22.77	0.1892	22.83	0.1918
Lowest	16QAM	1	74	21.04	0.1271	21.17	0.1308
Middle		1	74	21.65	0.1463	21.79	0.1511
Highest		1	37	21.50	0.1412	21.62	0.1453
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	99	22.52	0.1786	22.59	0.1816
Middle		1	99	22.72	0.1872	22.73	0.1876
Highest		1	99	22.53	0.1792	22.48	0.1769
Lowest	16QAM	1	99	21.37	0.1370	21.53	0.1423
Middle		1	99	21.66	0.1465	21.71	0.1483
Highest		1	49	21.57	0.1436	21.69	0.1476
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	20.30	0.1071	20.36	0.1086
Middle		1	0	19.34	0.0859	19.07	0.0807
Highest		1	12	17.25	0.0530	17.35	0.0544
Lowest	16QAM	1	12	19.33	0.0857	19.43	0.0877
Middle		1	0	18.28	0.0672	18.08	0.0642
Highest		1	12	16.22	0.0419	16.32	0.0429
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	20.12	0.1028	19.98	0.0996
Middle		1	0	19.37	0.0865	19.07	0.0807
Highest		1	49	17.06	0.0509	17.11	0.0514
Lowest	16QAM	1	49	19.14	0.0820	19.06	0.0806
Middle		1	0	18.45	0.0700	18.20	0.0660
Highest		1	49	17.06	0.0509	17.11	0.0514
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	20.20	0.1048	19.97	0.0993
Middle		1	0	19.45	0.0880	19.09	0.0812
Highest		1	74	17.08	0.0511	17.14	0.0518
Lowest	16QAM	1	74	18.98	0.0791	18.84	0.0766
Middle		1	0	18.60	0.0725	18.32	0.0679
Highest		1	74	16.20	0.0417	16.28	0.0425
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.25	0.1059	20.56	0.1137
Middle		1	0	19.39	0.0869	19.35	0.0860
Highest		1	0	17.86	0.0611	17.79	0.0602
Lowest	16QAM	1	49	19.19	0.0831	19.13	0.0818
Middle		1	0	18.67	0.0736	18.47	0.0703
Highest		1	99	16.25	0.0422	16.32	0.0428
Limit	EIRP < 2W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.17	0.0414	4.34	0.0027
Middle		1	0	16.12	0.0409	4.45	0.0028
Highest		1	0	16.27	0.0424	4.76	0.0030
Lowest	16QAM	1	12	15.29	0.0338	3.45	0.0022
Middle		1	0	15.27	0.0336	3.59	0.0023
Highest		1	0	15.48	0.0353	3.97	0.0025
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.09	0.0407	4.08	0.0026
Middle		1	0	16.12	0.0409	4.24	0.0027
Highest		1	0	16.16	0.0414	4.34	0.0027
Lowest	16QAM	1	0	15.27	0.0336	3.20	0.0021
Middle		1	0	15.25	0.0335	3.30	0.0021
Highest		1	0	15.28	0.0337	3.44	0.0022
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 2 / 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)
Lowest	3700.32	-55.27	-13	-42.27	-66.52	-67.00	0.87	12.60	H
	5550.48	-53.27	-13	-40.27	-69.15	-65.30	1.07	13.10	H
	7400.64	-49.78	-13	-36.78	-68.10	-59.39	1.69	11.30	H
	3700.32	-54.31	-13	-41.31	-66.78	-66.04	0.87	12.6	V
	5550.48	-50.98	-13	-37.98	-67.3	-63.01	1.07	13.1	V
	7400.64	-50.55	-13	-37.55	-68.77	-60.16	1.69	11.3	V
Middle	3758.92	-54.66	-13	-41.66	-65.91	-66.39	0.87	12.60	H
	5638.38	-53.82	-13	-40.82	-69.70	-65.85	1.07	13.10	H
	7517.84	-50.88	-13	-37.88	-69.20	-60.49	1.69	11.30	H
	3758.92	-49.80	-13	-36.80	-62.27	-61.53	0.87	12.6	V
	5638.38	-53.25	-13	-40.25	-69.57	-65.28	1.07	13.1	V
	7517.84	-49.77	-13	-36.77	-67.99	-59.38	1.69	11.3	V
Highest	3817.52	-54.28	-13	-41.28	-65.53	-66.01	0.87	12.60	H
	5726.28	-53.74	-13	-40.74	-69.62	-65.77	1.07	13.10	H
	7635.04	-50.82	-13	-37.82	-69.14	-60.43	1.69	11.30	H
	3817.52	-51.41	-13	-38.41	-63.88	-63.14	0.87	12.6	V
	5726.28	-51.83	-13	-38.83	-68.15	-63.86	1.07	13.1	V
	7635.04	-49.47	-13	-36.47	-67.69	-59.08	1.69	11.3	V

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

LTE Band 2 / 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)
Lowest	3700.48	-54.76	-13	-41.76	-66.01	-66.49	0.87	12.60	H
	5550.72	-52.99	-13	-39.99	-68.87	-65.02	1.07	13.10	H
	7400.96	-49.84	-13	-36.84	-68.16	-59.45	1.69	11.30	H
	3700.48	-53.52	-13	-40.52	-65.99	-65.25	0.87	12.6	V
	5550.72	-49.99	-13	-36.99	-66.31	-62.02	1.07	13.1	V
	7400.96	-50.29	-13	-37.29	-68.51	-59.90	1.69	11.3	V
Middle	3758.92	-53.85	-13	-40.85	-65.10	-65.58	0.87	12.60	H
	5638.38	-52.71	-13	-39.71	-68.59	-64.74	1.07	13.10	H
	7517.84	-50.24	-13	-37.24	-68.56	-59.85	1.69	11.30	H
	3758.92	-49.41	-13	-36.41	-61.88	-61.14	0.87	12.6	V
	5638.38	-53.37	-13	-40.37	-69.69	-65.40	1.07	13.1	V
	7517.84	-48.93	-13	-35.93	-67.15	-58.54	1.69	11.3	V
Highest	3814.48	-53.85	-13	-40.85	-65.10	-65.58	0.87	12.60	H
	5721.72	-54.39	-13	-41.39	-70.27	-66.42	1.07	13.10	H
	7628.96	-49.70	-13	-36.70	-68.02	-59.31	1.69	11.30	H
	3814.48	-50.91	-13	-37.91	-63.38	-62.64	0.87	12.6	V
	5721.72	-50.63	-13	-37.63	-66.95	-62.66	1.07	13.1	V
	7628.96	-48.80	-13	-35.80	-67.02	-58.41	1.69	11.3	V

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

LTE Band 2 / 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)
Lowest	3700.68	-56.24	-13	-43.24	-67.49	-67.97	0.87	12.60	H
	5551.02	-54.05	-13	-41.05	-69.93	-66.08	1.07	13.10	H
	7401.36	-50.75	-13	-37.75	-69.07	-60.36	1.69	11.30	H
	3700.68	-55.67	-13	-42.67	-68.14	-67.40	0.87	12.6	V
	5551.02	-53.17	-13	-40.17	-69.49	-65.20	1.07	13.1	V
	7401.36	-50.70	-13	-37.70	-68.92	-60.31	1.69	11.3	V
Middle	3755.68	-56.11	-13	-43.11	-67.36	-67.84	0.87	12.60	H
	5633.52	-53.84	-13	-40.84	-69.72	-65.87	1.07	13.10	H
	7511.36	-50.37	-13	-37.37	-68.69	-59.98	1.69	11.30	H
	3755.68	-55.00	-13	-42.00	-67.47	-66.73	0.87	12.6	V
	5633.52	-53.32	-13	-40.32	-69.64	-65.35	1.07	13.1	V
	7511.36	-50.35	-13	-37.35	-68.57	-59.96	1.69	11.3	V
Highest	3814.48	-52.83	-13	-39.83	-64.08	-64.56	0.87	12.60	H
	5721.72	-54.22	-13	-41.22	-70.10	-66.25	1.07	13.10	H
	7628.96	-51.68	-13	-38.68	-70.00	-61.29	1.69	11.30	H
	3814.48	-50.95	-13	-37.95	-63.42	-62.68	0.87	12.6	V
	5721.72	-50.67	-13	-37.67	-66.99	-62.70	1.07	13.1	V
	7628.96	-50.12	-13	-37.12	-68.34	-59.73	1.69	11.3	V

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

LTE Band 2 / 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)
Lowest	3701.18	-56.20	-13	-43.20	-67.45	-67.93	0.87	12.60	H
	5551.77	-53.62	-13	-40.62	-69.50	-65.65	1.07	13.10	H
	7402.36	-50.20	-13	-37.20	-68.52	-59.81	1.69	11.30	H
	3701.18	-55.64	-13	-42.64	-68.11	-67.37	0.87	12.6	V
	5551.77	-53.45	-13	-40.45	-69.77	-65.48	1.07	13.1	V
	7402.36	-52.04	-13	-39.04	-70.26	-61.65	1.69	11.3	V
Middle	3751.18	-52.87	-13	-39.87	-64.12	-64.60	0.87	12.60	H
	5626.77	-53.13	-13	-40.13	-69.01	-65.16	1.07	13.10	H
	7502.36	-50.67	-13	-37.67	-68.99	-60.28	1.69	11.30	H
	3751.18	-50.73	-13	-37.73	-63.2	-62.46	0.87	12.6	V
	5626.77	-51.74	-13	-38.74	-68.06	-63.77	1.07	13.1	V
	7502.36	-50.79	-13	-37.79	-69.01	-60.40	1.69	11.3	V
Highest	3801.18	-52.95	-13	-39.95	-64.20	-64.68	0.87	12.60	H
	5701.77	-54.08	-13	-41.08	-69.96	-66.11	1.07	13.10	H
	7602.36	-51.41	-13	-38.41	-69.73	-61.02	1.69	11.30	H
	3801.18	-51.37	-13	-38.37	-63.84	-63.10	0.87	12.6	V
	5701.77	-51.88	-13	-38.88	-68.2	-63.91	1.07	13.1	V
	7602.36	-51.56	-13	-38.56	-69.78	-61.17	1.69	11.3	V

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

LTE Band 2 / 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)
Lowest	3701.68	-55.04	-13	-42.04	-66.29	-66.77	0.87	12.60	H
	5552.52	-52.09	-13	-39.09	-67.97	-64.12	1.07	13.10	H
	7403.36	-51.60	-13	-38.60	-69.92	-61.21	1.69	11.30	H
	3701.68	-54.10	-13	-41.10	-66.57	-65.83	0.87	12.6	V
	5552.52	-51.48	-13	-38.48	-67.8	-63.51	1.07	13.1	V
	7403.36	-51.20	-13	-38.20	-69.42	-60.81	1.69	11.3	V
Middle	3746.68	-55.27	-13	-42.27	-66.52	-67.00	0.87	12.60	H
	5620.02	-52.92	-13	-39.92	-68.80	-64.95	1.07	13.10	H
	7493.36	-51.42	-13	-38.42	-69.74	-61.03	1.69	11.30	H
	3746.68	-51.66	-13	-38.66	-64.13	-63.39	0.87	12.6	V
	5620.02	-51.71	-13	-38.71	-68.03	-63.74	1.07	13.1	V
	7493.36	-51.50	-13	-38.50	-69.72	-61.11	1.69	11.3	V
Highest	3791.68	-54.54	-13	-41.54	-65.79	-66.27	0.87	12.60	H
	5687.52	-52.76	-13	-39.76	-68.64	-64.79	1.07	13.10	H
	7583.36	-51.53	-13	-38.53	-69.85	-61.14	1.69	11.30	H
	3791.68	-50.66	-13	-37.66	-63.13	-62.39	0.87	12.6	V
	5687.52	-52.44	-13	-39.44	-68.76	-64.47	1.07	13.1	V
	7583.36	-51.25	-13	-38.25	-69.47	-60.86	1.69	11.3	V

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

LTE Band 2 / 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)
Lowest	3702.18	-56.02	-13	-43.02	-67.27	-67.75	0.87	12.60	H
	5553.27	-53.23	-13	-40.23	-69.11	-65.26	1.07	13.10	H
	7404.36	-51.94	-13	-38.94	-70.26	-61.55	1.69	11.30	H
	3702.18	-54.86	-13	-41.86	-67.33	-66.59	0.87	12.6	V
	5553.27	-51.76	-13	-38.76	-68.08	-63.79	1.07	13.1	V
	7404.36	-52.16	-13	-39.16	-70.38	-61.77	1.69	11.3	V
Middle	3742.18	-55.13	-13	-42.13	-66.38	-66.86	0.87	12.60	H
	5613.27	-52.43	-13	-39.43	-68.31	-64.46	1.07	13.10	H
	7484.36	-50.80	-13	-37.80	-69.12	-60.41	1.69	11.30	H
	3742.18	-52.20	-13	-39.20	-64.67	-63.93	0.87	12.6	V
	5613.27	-52.53	-13	-39.53	-68.85	-64.56	1.07	13.1	V
	7484.36	-51.41	-13	-38.41	-69.63	-61.02	1.69	11.3	V
Highest	3782.18	-52.18	-13	-39.18	-63.43	-63.91	0.87	12.60	H
	5673.27	-53.73	-13	-40.73	-69.61	-65.76	1.07	13.10	H
	7564.36	-51.21	-13	-38.21	-69.53	-60.82	1.69	11.30	H
	3782.18	-50.82	-13	-37.82	-63.29	-62.55	0.87	12.6	V
	5673.27	-51.30	-13	-38.30	-67.62	-63.33	1.07	13.1	V
	7564.36	-52.17	-13	-39.17	-70.39	-61.78	1.69	11.3	V

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

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)
Lowest	3420.32	-53.33	-13	-40.33	-66.16	-60.52	0.81	8.00	H
	5130.48	-50.14	-13	-37.14	-68.67	-59.19	0.95	10.00	H
	6840.64	-47.66	-13	-34.66	-69.00	-59.93	1.13	13.40	H
	3420.32	-53.06	-13	-40.06	-66.4	-64.85	0.81	12.6	V
	5130.48	-50.03	-13	-37.03	-68.66	-61.78	0.95	12.7	V
	6840.64	-47.43	-13	-34.43	-68.42	-58.00	1.13	11.7	V
Middle	3463.92	-51.49	-13	-38.49	-64.32	-58.68	0.81	8.00	H
	5195.88	-49.62	-13	-36.62	-68.15	-58.67	0.95	10.00	H
	6927.84	-47.62	-13	-34.62	-68.96	-59.89	1.13	13.40	H
	3463.92	-52.55	-13	-39.55	-65.89	-64.34	0.81	12.6	V
	5195.88	-50.39	-13	-37.39	-69.02	-62.14	0.95	12.7	V
	6927.84	-47.98	-13	-34.98	-68.97	-58.55	1.13	11.7	V
Highest	3507.52	-51.42	-13	-38.42	-64.25	-58.61	0.81	8.00	H
	5261.28	-49.71	-13	-36.71	-68.24	-58.76	0.95	10.00	H
	7015.04	-47.27	-13	-34.27	-68.61	-59.54	1.13	13.40	H
	3507.52	-51.26	-13	-38.26	-64.6	-63.05	0.81	12.6	V
	5261.28	-49.72	-13	-36.72	-68.35	-61.47	0.95	12.7	V
	7015.04	-48.06	-13	-35.06	-69.05	-58.63	1.13	11.7	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)
Lowest	3420.48	-53.77	-13	-40.77	-66.60	-60.96	0.81	8.00	H
	5130.72	-50.78	-13	-37.78	-69.31	-59.83	0.95	10.00	H
	6840.96	-47.22	-13	-34.22	-68.56	-59.49	1.13	13.40	H
	3420.48	-53.17	-13	-40.17	-66.51	-64.96	0.81	12.6	V
	5130.72	-50.53	-13	-37.53	-69.16	-62.28	0.95	12.7	V
	6840.96	-47.57	-13	-34.57	-68.56	-58.14	1.13	11.7	V
Middle	3462.48	-53.89	-13	-40.89	-66.72	-61.08	0.81	8.00	H
	5193.72	-47.47	-13	-34.47	-66.00	-56.52	0.95	10.00	H
	6924.96	-47.33	-13	-34.33	-68.67	-59.60	1.13	13.40	H
	3462.48	-51.88	-13	-38.88	-65.22	-63.67	0.81	12.6	V
	5193.72	-47.14	-13	-34.14	-65.77	-58.89	0.95	12.7	V
	6924.96	-47.61	-13	-34.61	-68.6	-58.18	1.13	11.7	V
Highest	3504.48	-53.65	-13	-40.65	-66.48	-60.84	0.81	8.00	H
	5256.72	-50.38	-13	-37.38	-68.91	-59.43	0.95	10.00	H
	7008.96	-47.83	-13	-34.83	-69.17	-60.10	1.13	13.40	H
	3504.48	-52.96	-13	-39.96	-66.3	-64.75	0.81	12.6	V
	5256.72	-49.56	-13	-36.56	-68.19	-61.31	0.95	12.7	V
	7008.96	-48.22	-13	-35.22	-69.21	-58.79	1.13	11.7	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)
Lowest	3420.68	-53.44	-13	-40.44	-66.27	-60.63	0.81	8.00	H
	5131.02	-50.21	-13	-37.21	-68.74	-59.26	0.95	10.00	H
	6841.36	-46.56	-13	-33.56	-67.90	-58.83	1.13	13.40	H
	3420.68	-52.00	-13	-39.00	-65.34	-63.79	0.81	12.6	V
	5131.02	-50.42	-13	-37.42	-69.05	-62.17	0.95	12.7	V
	6841.36	-47.53	-13	-34.53	-68.52	-58.10	1.13	11.7	V
Middle	3460.68	-52.34	-13	-39.34	-65.17	-59.53	0.81	8.00	H
	5191.02	-49.93	-13	-36.93	-68.46	-58.98	0.95	10.00	H
	6921.36	-47.39	-13	-34.39	-68.73	-59.66	1.13	13.40	H
	3460.68	-52.81	-13	-39.81	-66.15	-64.60	0.81	12.6	V
	5191.02	-49.82	-13	-36.82	-68.45	-61.57	0.95	12.7	V
	6921.36	-47.00	-13	-34.00	-67.99	-57.57	1.13	11.7	V
Highest	3500.68	-53.35	-13	-40.35	-66.18	-60.54	0.81	8.00	H
	5252	-50.12	-13	-37.12	-68.65	-59.17	0.95	10.00	H
	7001.36	-47.90	-13	-34.90	-69.24	-60.17	1.13	13.40	H
	3500.68	-52.73	-13	-39.73	-66.07	-64.52	0.81	12.6	V
	5252	-49.84	-13	-36.84	-68.47	-61.59	0.95	12.7	V
	7001.36	-48.21	-13	-35.21	-69.2	-58.78	1.13	11.7	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)
Lowest	3421.18	-53.56	-13	-40.56	-66.39	-60.75	0.81	8.00	H
	5131.77	-50.16	-13	-37.16	-68.69	-59.21	0.95	10.00	H
	6842.36	-47.10	-13	-34.10	-68.44	-59.37	1.13	13.40	H
	3421.18	-51.58	-13	-38.58	-64.92	-63.37	0.81	12.6	V
	5131.77	-49.76	-13	-36.76	-68.39	-61.51	0.95	12.7	V
	6842.36	-46.83	-13	-33.83	-67.82	-57.40	1.13	11.7	V
Middle	3456.18	-51.29	-13	-38.29	-64.12	-58.48	0.81	8.00	H
	5184.27	-50.00	-13	-37.00	-68.53	-59.05	0.95	10.00	H
	6912.36	-46.70	-13	-33.70	-68.04	-58.97	1.13	13.40	H
	3456.18	-53.15	-13	-40.15	-66.49	-64.94	0.81	12.6	V
	5184.27	-49.40	-13	-36.40	-68.03	-61.15	0.95	12.7	V
	6912.36	-47.88	-13	-34.88	-68.87	-58.45	1.13	11.7	V
Highest	3491.18	-53.53	-13	-40.53	-66.36	-60.72	0.81	8.00	H
	5236.77	-49.71	-13	-36.71	-68.24	-58.76	0.95	10.00	H
	6982.36	-47.81	-13	-34.81	-69.15	-60.08	1.13	13.40	H
	3491.18	-52.51	-13	-39.51	-65.85	-64.30	0.81	12.6	V
	5236.77	-49.75	-13	-36.75	-68.38	-61.50	0.95	12.7	V
	6982.36	-47.78	-13	-34.78	-68.77	-58.35	1.13	11.7	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)
Lowest	3421.68	-53.27	-13	-40.27	-66.10	-60.46	0.81	8.00	H
	5132.52	-50.04	-13	-37.04	-68.57	-59.09	0.95	10.00	H
	6843.36	-47.25	-13	-34.25	-68.59	-59.52	1.13	13.40	H
	3421.68	-51.64	-13	-38.64	-64.98	-63.43	0.81	12.6	V
	5132.52	-48.65	-13	-35.65	-67.28	-60.40	0.95	12.7	V
	6843.36	-46.94	-13	-33.94	-67.93	-57.51	1.13	11.7	V
Middle	3451.68	-53.42	-13	-40.42	-66.25	-60.61	0.81	8.00	H
	5177.52	-49.87	-13	-36.87	-68.40	-58.92	0.95	10.00	H
	6903.36	-47.02	-13	-34.02	-68.36	-59.29	1.13	13.40	H
	3451.68	-51.58	-13	-38.58	-64.92	-63.37	0.81	12.6	V
	5177.52	-49.66	-13	-36.66	-68.29	-61.41	0.95	12.7	V
	6903.36	-47.34	-13	-34.34	-68.33	-57.91	1.13	11.7	V
Highest	3481.68	-53.37	-13	-40.37	-66.20	-60.56	0.81	8.00	H
	5222.52	-49.86	-13	-36.86	-68.39	-58.91	0.95	10.00	H
	6963.36	-47.82	-13	-34.82	-69.16	-60.09	1.13	13.40	H
	3481.68	-53.43	-13	-40.43	-66.77	-65.22	0.81	12.6	V
	5222.52	-50.31	-13	-37.31	-68.94	-62.06	0.95	12.7	V
	6963.36	-48.00	-13	-35.00	-68.99	-58.57	1.13	11.7	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)
Lowest	3422.18	-51.25	-13	-38.25	-64.08	-58.44	0.81	8.00	H
	5133.27	-51.02	-13	-38.02	-69.55	-60.07	0.95	10.00	H
	6844.36	-46.91	-13	-33.91	-68.25	-59.18	1.13	13.40	H
	3422.18	-50.90	-13	-37.90	-64.24	-62.69	0.81	12.6	V
	5133.27	-50.43	-13	-37.43	-69.06	-62.18	0.95	12.7	V
	6844.36	-48.13	-13	-35.13	-69.12	-58.70	1.13	11.7	V
Middle	3447.18	-53.76	-13	-40.76	-66.59	-60.95	0.81	8.00	H
	5170.77	-49.64	-13	-36.64	-68.17	-58.69	0.95	10.00	H
	6894.36	-47.37	-13	-34.37	-68.71	-59.64	1.13	13.40	H
	3447.18	-51.04	-13	-38.04	-64.38	-62.83	0.81	12.6	V
	5170.77	-49.96	-13	-36.96	-68.59	-61.71	0.95	12.7	V
	6894.36	-48.15	-13	-35.15	-69.14	-58.72	1.13	11.7	V
Highest	3472.18	-53.18	-13	-40.18	-66.01	-60.37	0.81	8.00	H
	5208.27	-49.82	-13	-36.82	-68.35	-58.87	0.95	10.00	H
	6944.36	-47.35	-13	-34.35	-68.69	-59.62	1.13	13.40	H
	3472.18	-52.65	-13	-39.65	-65.99	-64.44	0.81	12.6	V
	5208.27	-49.59	-13	-36.59	-68.22	-61.34	0.95	12.7	V
	6944.36	-47.98	-13	-34.98	-68.97	-58.55	1.13	11.7	V

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

LTE Band 7 / 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)
Lowest	5000.68	-41.63	-25.00	-16.63	-73.61	-53.38	0.95	12.70	H
	7501.02	-38.34	-25.00	-13.34	-75.23	-48.58	1.46	11.70	H
	10001.36	-38.89	-25.00	-13.89	-77.36	-49.68	1.31	12.10	H
	5000.68	-42.94	-25.00	-17.94	-74.17	-54.69	0.95	12.70	V
	7501.02	-38.46	-25.00	-13.46	-75.34	-48.70	1.46	11.70	V
	10001.36	-39.50	-25.00	-14.50	-76.40	-50.29	1.31	12.10	V
Middle	5065.68	-40.98	-25.00	-15.98	-72.97	-52.73	0.95	12.70	H
	7598.52	-38.08	-25.00	-13.08	-74.97	-48.32	1.46	11.70	H
	10131.36	-38.32	-25.00	-13.32	-76.79	-49.11	1.31	12.10	H
	5065.68	-39.98	-25.00	-14.98	-73.13	-51.73	0.95	12.70	V
	7598.52	-38.39	-25.00	-13.39	-75.27	-48.63	1.46	11.70	V
	10131.36	-40.34	-25.00	-15.34	-77.24	-51.13	1.31	12.10	V
Highest	5181.68	-40.67	-25.00	-15.67	-72.76	-52.42	0.95	12.70	H
	7772.52	-38.90	-25.00	-13.90	-75.79	-49.14	1.46	11.70	H
	10363.36	-38.83	-25.00	-13.83	-77.30	-49.62	1.31	12.10	H
	5181.68	-41.75	-25.00	-16.75	-72.98	-53.50	0.95	12.70	V
	7772.52	-38.72	-25.00	-13.72	-75.60	-48.96	1.46	11.70	V
	10363.36	-40.75	-25.00	-15.75	-77.65	-51.54	1.31	12.10	V

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

LTE Band 7 / 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)
Lowest	5001.18	-42.22	-25.00	-17.22	-74.20	-53.97	0.95	12.70	H
	7501.77	-38.50	-25.00	-13.50	-75.39	-48.74	1.46	11.70	H
	10002.36	-38.81	-25.00	-13.81	-77.28	-49.60	1.31	12.10	H
	5001.18	-42.20	-25.00	-17.20	-73.63	-53.95	0.95	12.70	V
	7501.77	-38.04	-25.00	-13.04	-74.92	-48.28	1.46	11.70	V
	10002.36	-40.70	-25.00	-15.70	-77.60	-51.49	1.31	12.10	V
Middle	5061.18	-40.00	-25.00	-15.00	-72.30	-51.75	0.95	12.70	H
	7591.77	-38.29	-25.00	-13.29	-75.18	-48.53	1.46	11.70	H
	10122.36	-38.35	-25.00	-13.35	-76.82	-49.14	1.31	12.10	H
	5061.18	-39.56	-25.00	-14.56	-72.79	-51.31	0.95	12.70	V
	7591.77	-38.11	-25.00	-13.11	-74.99	-48.35	1.46	11.70	V
	10122.36	-40.13	-25.00	-15.13	-77.03	-50.92	1.31	12.10	V
Highest	5121.18	-40.17	-25.00	-15.17	-72.42	-51.92	0.95	12.70	H
	7681.77	-38.88	-25.00	-13.88	-75.77	-49.12	1.46	11.70	H
	10242.36	-39.06	-25.00	-14.06	-77.53	-49.85	1.31	12.10	H
	5121.18	-39.45	-25.00	-14.45	-72.70	-51.20	0.95	12.70	V
	7681.77	-38.70	-25.00	-13.70	-75.58	-48.94	1.46	11.70	V
	10242.36	-40.38	-25.00	-15.38	-77.28	-51.17	1.31	12.10	V

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

LTE Band 7 / 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)
Lowest	5001.68	-41.44	-25.00	-16.44	-73.42	-53.19	0.95	12.70	H
	7502.52	-38.07	-25.00	-13.07	-74.96	-48.31	1.46	11.70	H
	10003.36	-38.77	-25.00	-13.77	-77.24	-49.56	1.31	12.10	H
	5001.68	-39.47	-25.00	-14.47	-72.72	-51.22	0.95	12.70	V
	7502.52	-38.16	-25.00	-13.16	-75.04	-48.40	1.46	11.70	V
	10003.36	-40.10	-25.00	-15.10	-77.00	-50.89	1.31	12.10	V
Middle	5056.68	-41.05	-25.00	-16.05	-73.03	-52.80	0.95	12.70	H
	7585.02	-38.44	-25.00	-13.44	-75.33	-48.68	1.46	11.70	H
	10131.36	-37.76	-25.00	-12.76	-76.23	-48.55	1.31	12.10	H
	5056.68	-40.59	-25.00	-15.59	-73.27	-52.34	0.95	12.70	V
	7585.02	-38.80	-25.00	-13.80	-75.68	-49.04	1.46	11.70	V
	10131.36	-40.79	-25.00	-15.79	-77.69	-51.58	1.31	12.10	V
Highest	5111.68	-40.89	-25.00	-15.89	-72.91	-52.64	0.95	12.70	H
	7667.52	-38.68	-25.00	-13.68	-75.57	-48.92	1.46	11.70	H
	10223.36	-38.31	-25.00	-13.31	-76.78	-49.10	1.31	12.10	H
	5111.68	-39.21	-25.00	-14.21	-72.51	-50.96	0.95	12.70	V
	7667.52	-38.24	-25.00	-13.24	-75.12	-48.48	1.46	11.70	V
	10223.36	-39.89	-25.00	-14.89	-76.79	-50.68	1.31	12.10	V

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

LTE Band 7 / 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)
Lowest	5002.18	-48.76	-25.00	-23.76	-80.74	-60.51	0.95	12.70	H
	7503.27	-44.67	-25.00	-19.67	-81.56	-54.91	1.46	11.70	H
	10004.36	-42.94	-25.00	-17.94	-81.41	-53.73	1.31	12.10	H
	5002.18	-49.59	-25.00	-24.59	-80.82	-61.34	0.95	12.70	V
	7503.27	-44.42	-25.00	-19.42	-81.30	-54.66	1.46	11.70	V
	10004.36	-44.82	-25.00	-19.82	-81.72	-55.61	1.31	12.10	V
Middle	5052.18	-40.07	-25.00	-15.07	-72.35	-51.82	0.95	12.70	H
	7578.27	-37.87	-25.00	-12.87	-74.76	-48.11	1.46	11.70	H
	10104.36	-38.24	-25.00	-13.24	-76.71	-49.03	1.31	12.10	H
	5052.18	-39.72	-25.00	-14.72	-72.92	-51.47	0.95	12.70	V
	7578.27	-38.49	-25.00	-13.49	-75.37	-48.73	1.46	11.70	V
	10104.36	-39.55	-25.00	-14.55	-76.45	-50.34	1.31	12.10	V
Highest	5102.18	-40.91	-25.00	-15.91	-72.92	-52.66	0.95	12.70	H
	7653.27	-38.61	-25.00	-13.61	-75.50	-48.85	1.46	11.70	H
	10204.36	-38.33	-25.00	-13.33	-76.80	-49.12	1.31	12.10	H
	5102.18	-39.31	-25.00	-14.31	-72.59	-51.06	0.95	12.70	V
	7653.27	-38.78	-25.00	-13.78	-75.66	-49.02	1.46	11.70	V
	10204.36	-39.52	-25.00	-14.52	-76.42	-50.31	1.31	12.10	V

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

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-47.52	-13	-34.52	-63.13	-54.20	0.57	9.40	H
	2113.02	-50.41	-13	-37.41	-71.12	-58.11	0.75	10.60	H
	2817.36	-47.82	-13	-34.82	-72.28	-57.40	0.87	12.60	H
	1408.68	-48.45	-13	-35.45	-64.65	-55.13	0.57	9.40	V
	2113.02	-48.66	-13	-35.66	-71.38	-56.36	0.75	10.60	V
	2817.36	-42.70	-13	-29.70	-71.68	-52.28	0.87	12.60	V
Middle	1415.68	-52.71	-13	-39.71	-67.07	-59.39	0.57	9.40	H
	2123.58	-45.12	-13	-32.12	-67.13	-52.82	0.75	10.60	H
	2831.36	-45.31	-13	-32.31	-71.04	-54.89	0.87	12.60	H
	1415.68	-51.61	-13	-38.61	-66.97	-58.29	0.57	9.40	V
	2123.58	-46.49	-13	-33.49	-69.98	-54.19	0.75	10.60	V
	2831.36	-42.31	-13	-29.31	-71.37	-51.89	0.87	12.60	V
Highest	1422.68	-49.21	-13	-36.21	-64.27	-55.89	0.57	9.40	H
	2134.02	-49.57	-13	-36.57	-70.49	-57.27	0.75	10.60	H
	2845.36	-47.00	-13	-34.00	-71.86	-56.58	0.87	12.60	H
	1422.68	-49.14	-13	-36.14	-65.26	-55.82	0.57	9.40	V
	2134.02	-47.18	-13	-34.18	-70.57	-54.88	0.75	10.60	V
	2845.36	-42.72	-13	-29.72	-71.70	-52.30	0.87	12.60	V

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

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-46.03	-13	-33.03	-62.12	-52.71	0.57	9.40	H
	2113.77	-50.39	-13	-37.39	-71.11	-58.09	0.75	10.60	H
	2818.36	-46.20	-13	-33.20	-71.34	-55.78	0.87	12.60	H
	1409.18	-47.09	-13	-34.09	-63.49	-53.77	0.57	9.40	V
	2113.77	-45.70	-13	-32.70	-69.44	-53.40	0.75	10.60	V
	2818.36	-42.12	-13	-29.12	-71.22	-51.70	0.87	12.60	V
Middle	1411.18	-54.61	-13	-41.61	-68.82	-61.29	0.57	9.40	H
	2116.77	-50.54	-13	-37.54	-71.18	-58.24	0.75	10.60	H
	2822.36	-45.45	-13	-32.45	-71.09	-55.03	0.87	12.60	H
	1411.18	-41.92	-13	-28.92	-59.00	-48.60	0.57	9.40	V
	2116.77	-46.89	-13	-33.89	-70.34	-54.59	0.75	10.60	V
	2822.36	-42.82	-13	-29.82	-71.78	-52.40	0.87	12.60	V
Highest	1413.18	-49.82	-13	-36.82	-64.77	-56.50	0.57	9.40	H
	2119.77	-48.48	-13	-35.48	-69.65	-56.18	0.75	10.60	H
	2826.36	-47.09	-13	-34.09	-71.91	-56.67	0.87	12.60	H
	1413.18	-53.34	-13	-40.34	-68.24	-60.02	0.57	9.40	V
	2119.77	-49.40	-13	-36.40	-71.62	-57.10	0.75	10.60	V
	2826.36	-43.03	-13	-30.03	-71.95	-52.61	0.87	12.60	V

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