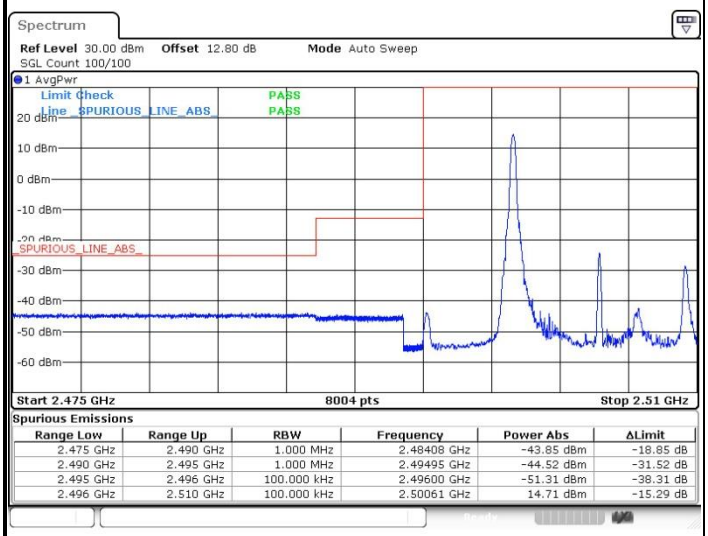
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

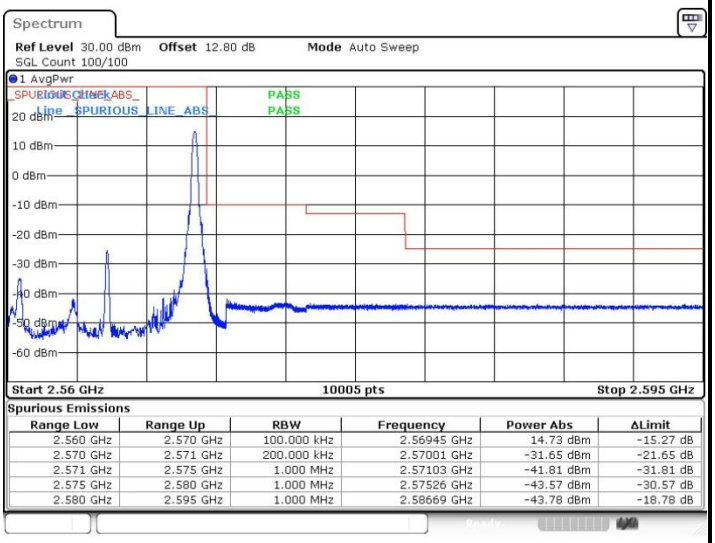


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48408 GHz	-43.85 dBm	-18.85 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49495 GHz	-44.52 dBm	-31.52 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-51.31 dBm	-38.31 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	14.71 dBm	-15.29 dB

Date: 10.SEP.2015 15:44:30

Highest Band Edge / 1 RB

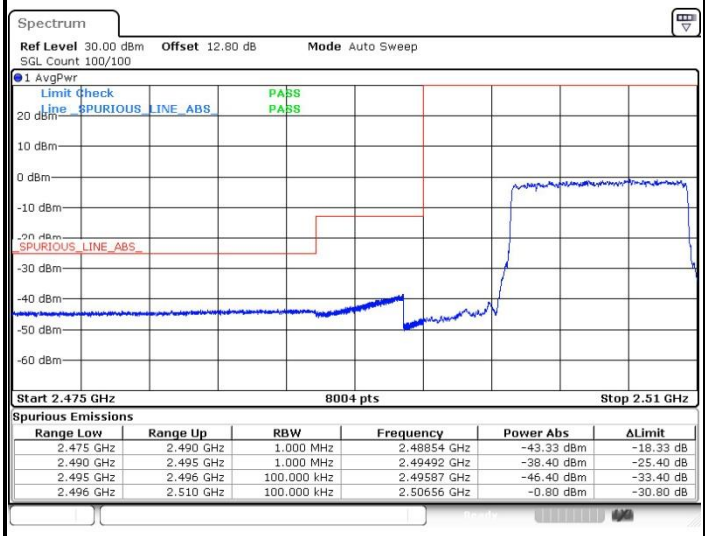


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56945 GHz	14.73 dBm	-15.27 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-31.65 dBm	-21.65 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-41.81 dBm	-31.81 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57526 GHz	-43.57 dBm	-30.57 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58669 GHz	-43.78 dBm	-18.78 dB

Date: 10.SEP.2015 15:54:26

Lowest Band Edge / Full RB

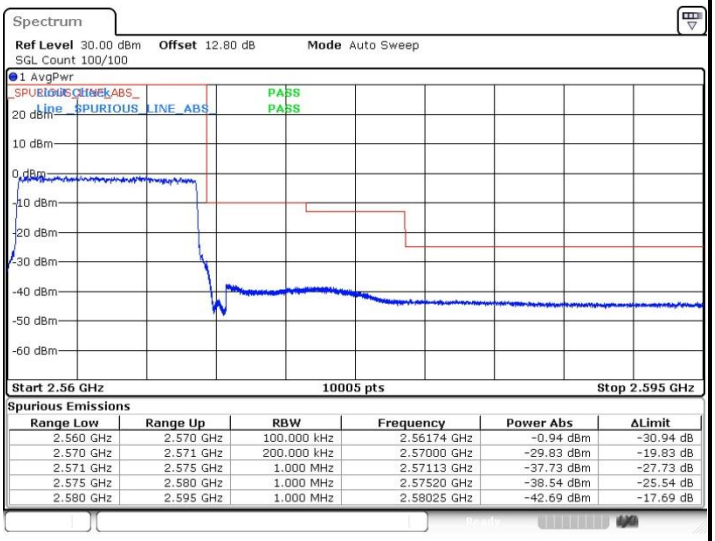


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48854 GHz	-43.33 dBm	-18.33 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-38.40 dBm	-25.40 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49587 GHz	-46.40 dBm	-33.40 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50656 GHz	-0.80 dBm	-30.80 dB

Date: 10.SEP.2015 15:46:49

Highest Band Edge / Full RB



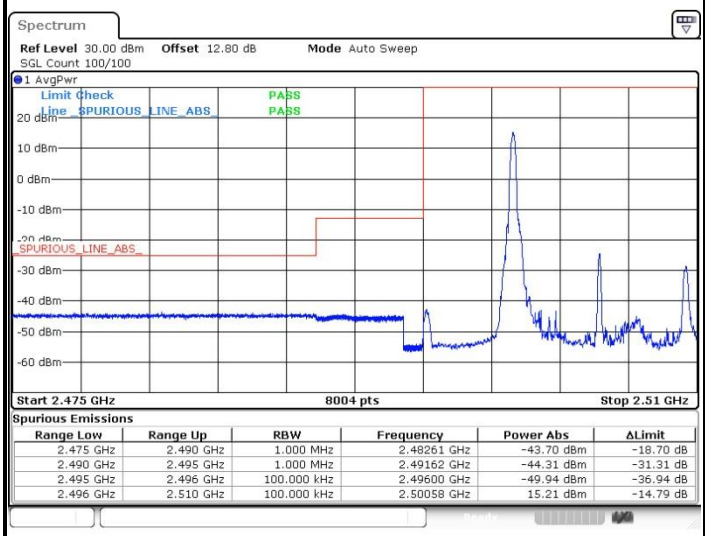
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56174 GHz	-0.94 dBm	-30.94 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-29.83 dBm	-19.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-37.73 dBm	-27.73 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57520 GHz	-38.54 dBm	-25.54 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58025 GHz	-42.69 dBm	-17.69 dB

Date: 10.SEP.2015 15:56:47

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

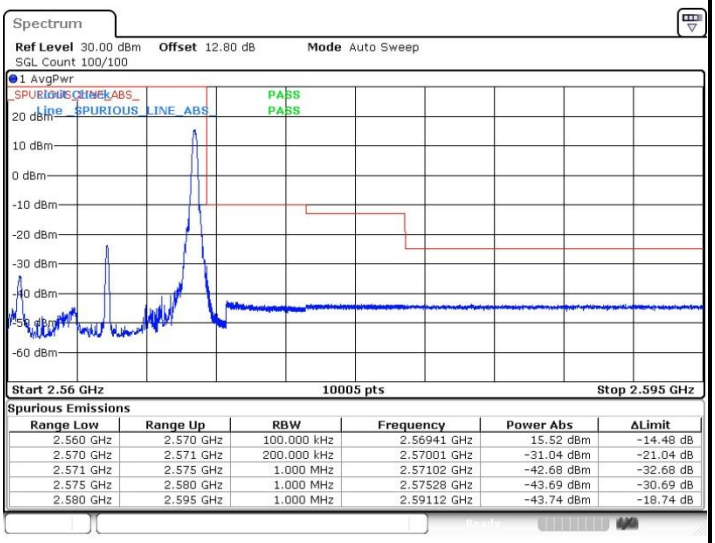


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48261 GHz	-43.70 dBm	-18.70 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49162 GHz	-44.31 dBm	-31.31 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-49.94 dBm	-36.94 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	15.21 dBm	-14.79 dB

Date: 10.SEP.2015 15:45:39

Highest Band Edge / 1 RB

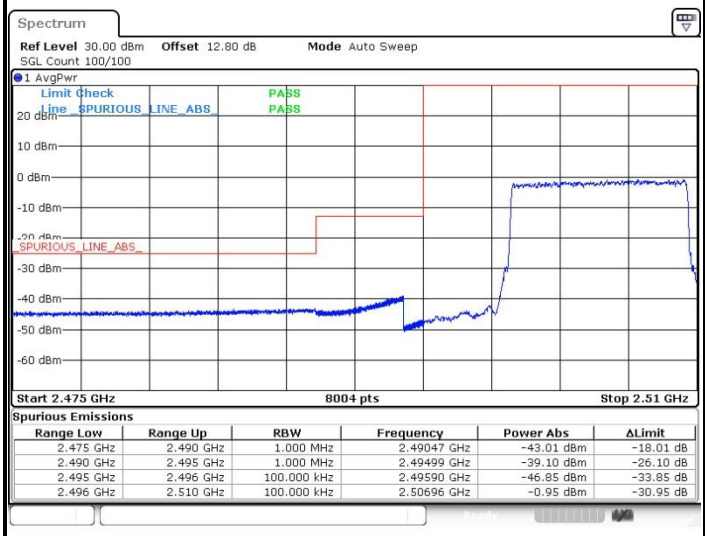


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	15.52 dBm	-14.48 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-31.04 dBm	-21.04 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-42.68 dBm	-32.68 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57528 GHz	-43.69 dBm	-30.69 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.59112 GHz	-43.74 dBm	-18.74 dB

Date: 10.SEP.2015 15:55:36

Lowest Band Edge / Full RB

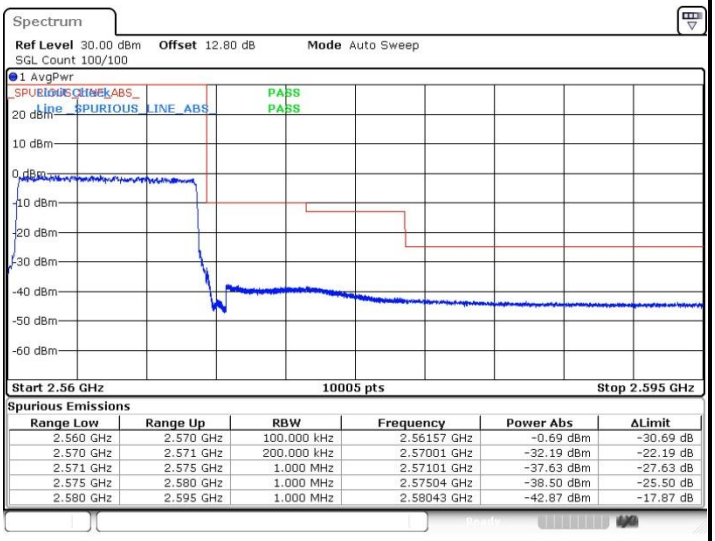


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-43.01 dBm	-18.01 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-39.10 dBm	-26.10 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-46.85 dBm	-33.85 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50696 GHz	-0.95 dBm	-30.95 dB

Date: 10.SEP.2015 15:47:59

Highest Band Edge / Full RB



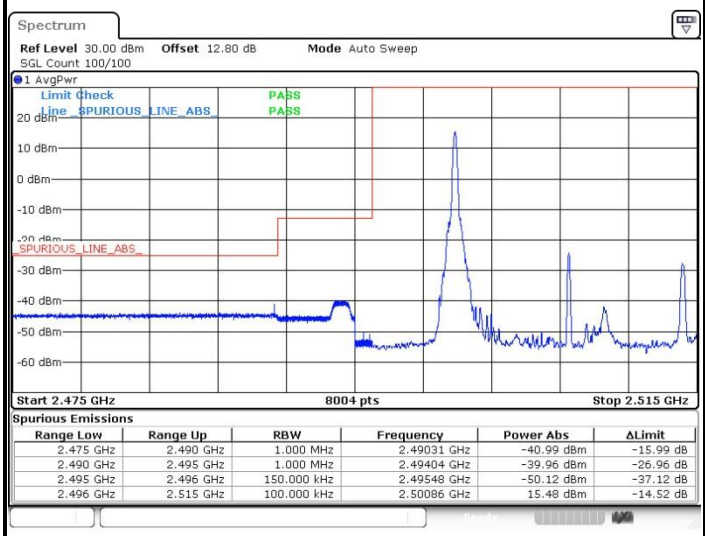
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56157 GHz	-0.69 dBm	-30.69 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-32.19 dBm	-22.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-37.63 dBm	-27.63 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57504 GHz	-38.50 dBm	-25.50 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58043 GHz	-42.87 dBm	-17.87 dB

Date: 10.SEP.2015 15:57:57

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

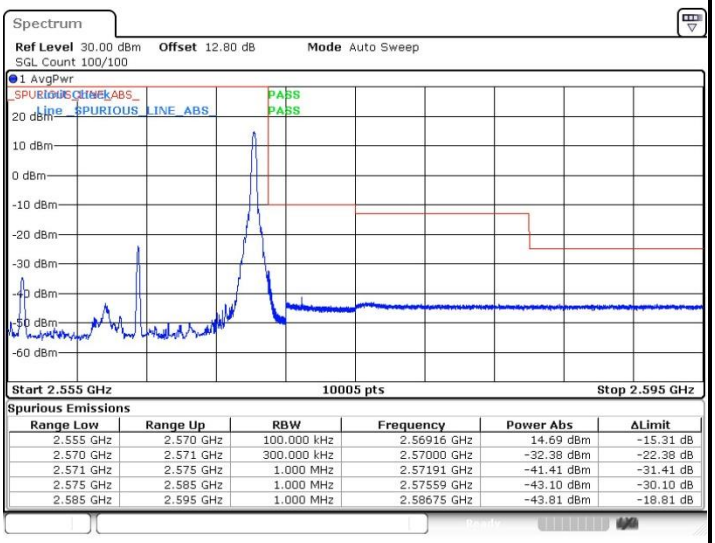


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49031 GHz	-40.99 dBm	-15.99 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49404 GHz	-39.96 dBm	-26.96 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49548 GHz	-50.12 dBm	-37.12 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50086 GHz	15.48 dBm	-14.52 dB

Date: 10.SEP.2015 16:01:45

Highest Band Edge / 1 RB

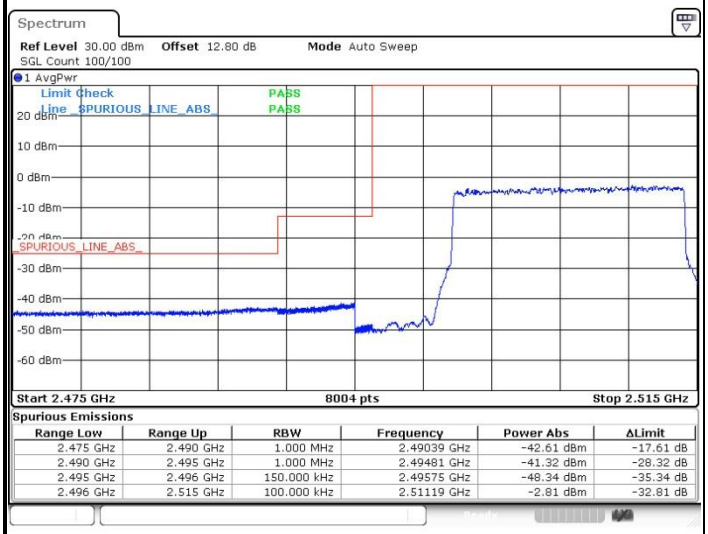


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	14.69 dBm	-15.31 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-32.38 dBm	-22.38 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57191 GHz	-41.41 dBm	-31.41 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57559 GHz	-43.10 dBm	-30.10 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58675 GHz	-43.81 dBm	-18.81 dB

Date: 10.SEP.2015 16:11:43

Lowest Band Edge / Full RB

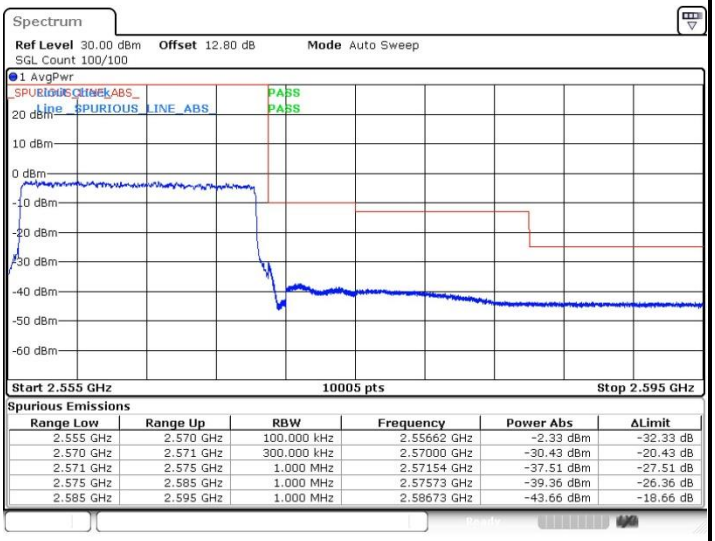


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49039 GHz	-42.61 dBm	-17.61 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49481 GHz	-41.32 dBm	-28.32 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49575 GHz	-48.34 dBm	-35.34 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51119 GHz	-2.81 dBm	-32.81 dB

Date: 10.SEP.2015 16:04:05

Highest Band Edge / Full RB



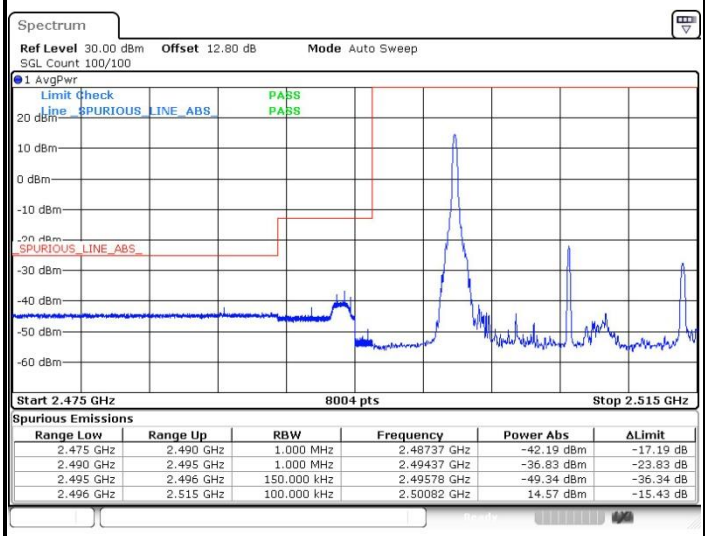
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55662 GHz	-2.33 dBm	-32.33 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-30.43 dBm	-20.43 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57154 GHz	-37.51 dBm	-27.51 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57573 GHz	-39.36 dBm	-26.36 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58673 GHz	-43.66 dBm	-18.66 dB

Date: 10.SEP.2015 16:14:03

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

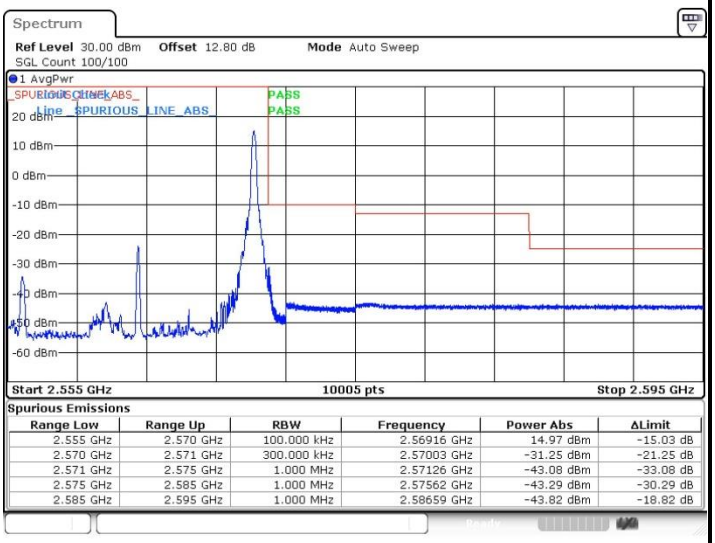


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48737 GHz	-42.19 dBm	-17.19 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49437 GHz	-36.83 dBm	-23.83 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49578 GHz	-49.34 dBm	-36.34 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	14.57 dBm	-15.43 dB

Date: 10.SEP.2015 16:02:55

Highest Band Edge / 1 RB

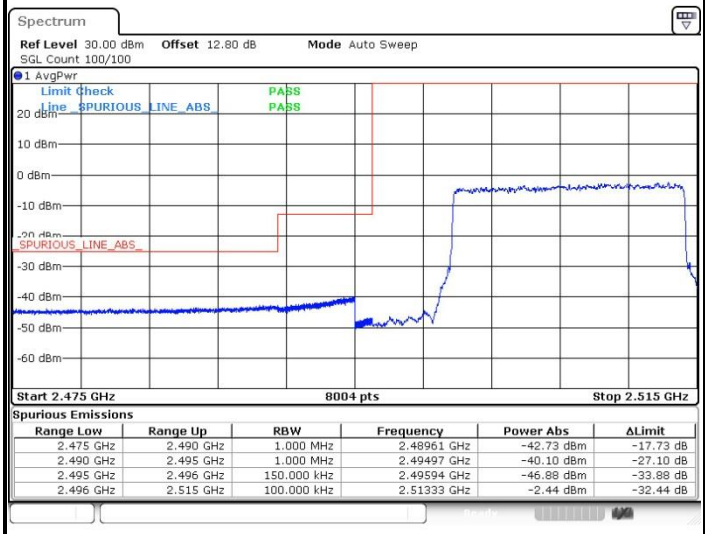


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	14.97 dBm	-15.03 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-31.25 dBm	-21.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57126 GHz	-43.08 dBm	-33.08 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57562 GHz	-43.29 dBm	-30.29 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58659 GHz	-43.82 dBm	-18.82 dB

Date: 10.SEP.2015 16:12:53

Lowest Band Edge / Full RB

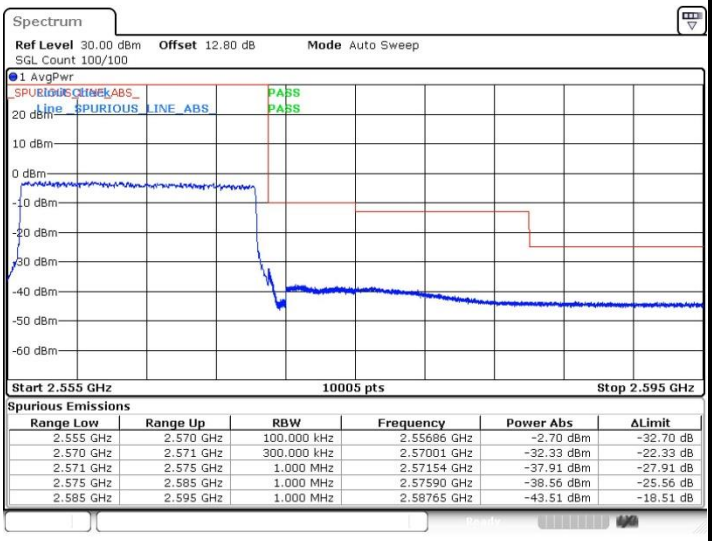


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48961 GHz	-42.73 dBm	-17.73 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-40.10 dBm	-27.10 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49594 GHz	-46.88 dBm	-33.88 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51333 GHz	-2.44 dBm	-32.44 dB

Date: 10.SEP.2015 16:05:15

Highest Band Edge / Full RB



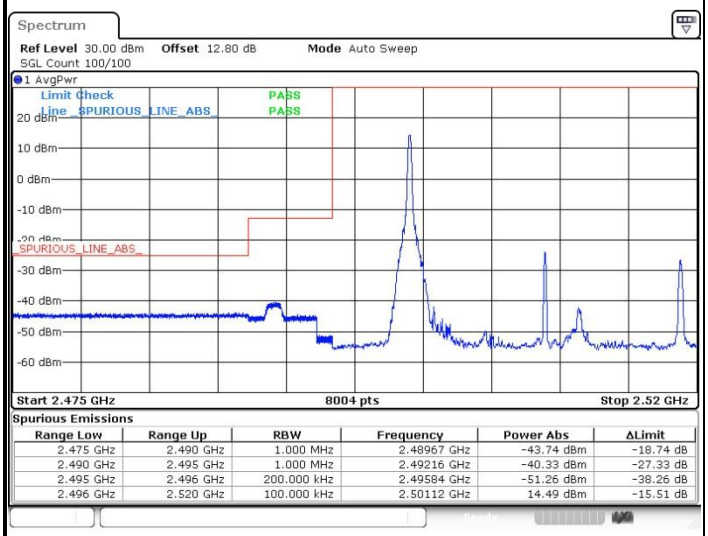
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55686 GHz	-2.70 dBm	-32.70 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-32.33 dBm	-22.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57154 GHz	-37.91 dBm	-27.91 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57590 GHz	-38.56 dBm	-25.56 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58765 GHz	-43.51 dBm	-18.51 dB

Date: 10.SEP.2015 16:15:13

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

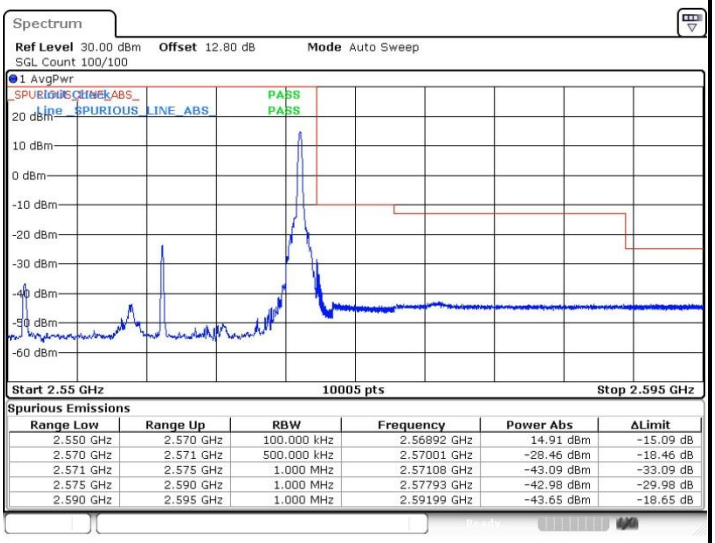


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48967 GHz	-43.74 dBm	-18.74 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49216 GHz	-40.33 dBm	-27.33 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49584 GHz	-51.26 dBm	-38.26 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	14.49 dBm	-15.51 dB

Date: 10.SEP.2015 16:19:01

Highest Band Edge / 1 RB

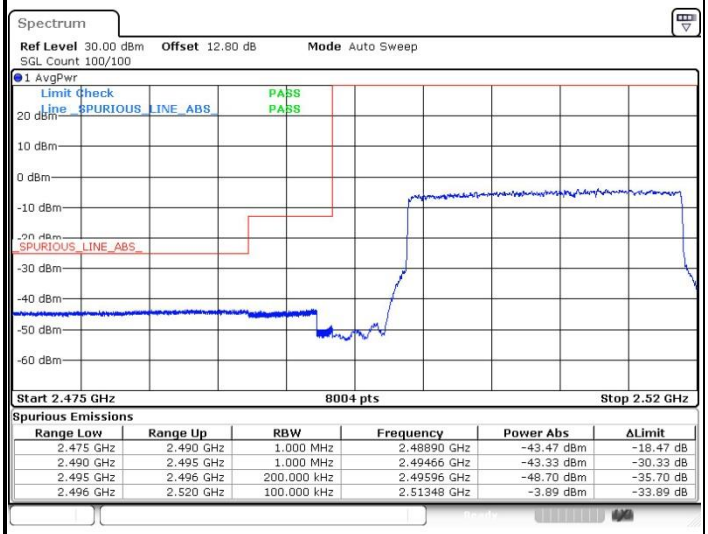


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	14.91 dBm	-15.09 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-28.46 dBm	-18.46 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57108 GHz	-43.09 dBm	-33.09 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57793 GHz	-42.98 dBm	-29.98 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59199 GHz	-43.65 dBm	-18.65 dB

Date: 10.SEP.2015 16:28:58

Lowest Band Edge / Full RB

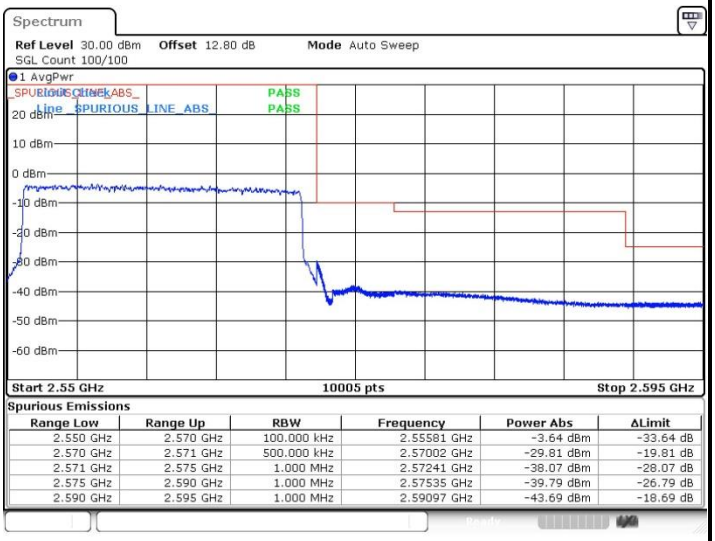


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48890 GHz	-43.47 dBm	-18.47 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49466 GHz	-43.33 dBm	-30.33 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49596 GHz	-48.70 dBm	-35.70 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51348 GHz	-3.89 dBm	-33.89 dB

Date: 10.SEP.2015 16:21:21

Highest Band Edge / Full RB



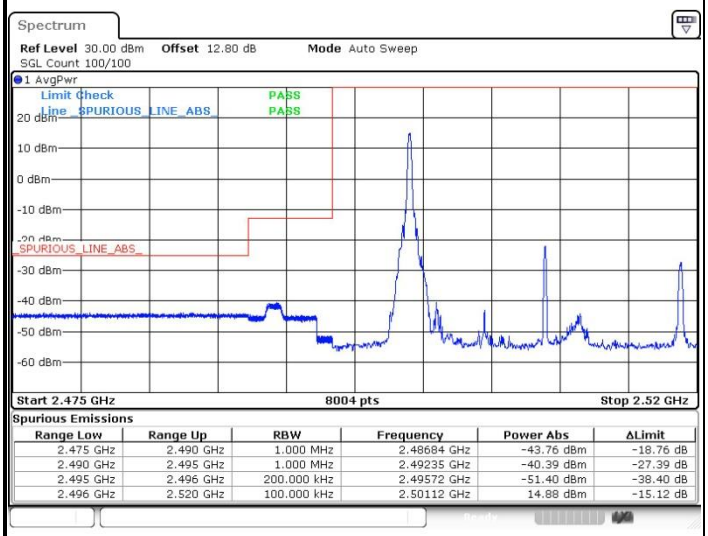
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55581 GHz	-3.64 dBm	-33.64 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-29.81 dBm	-19.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57241 GHz	-38.07 dBm	-28.07 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57535 GHz	-39.79 dBm	-26.79 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59097 GHz	-43.69 dBm	-18.69 dB

Date: 10.SEP.2015 16:32:29

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

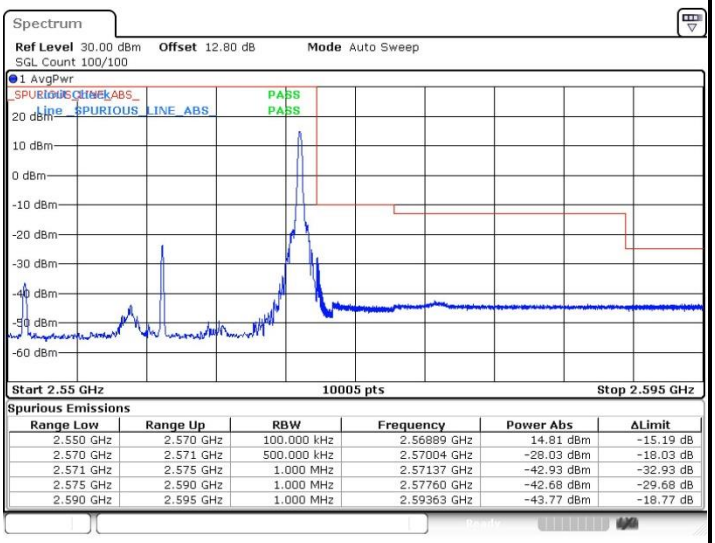


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48684 GHz	-43.76 dBm	-18.76 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49235 GHz	-40.39 dBm	-27.39 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49572 GHz	-51.40 dBm	-38.40 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	14.88 dBm	-15.12 dB

Date: 10.SEP.2015 16:20:11

Highest Band Edge / 1RB

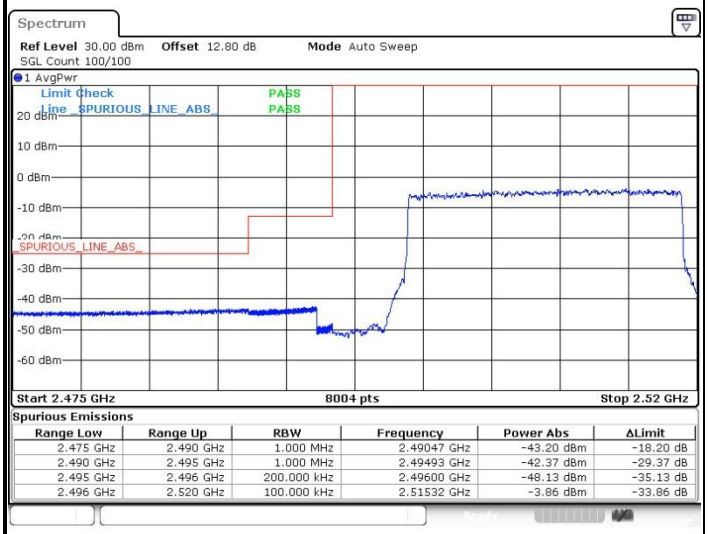


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	14.81 dBm	-15.19 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-28.03 dBm	-18.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57137 GHz	-42.93 dBm	-32.93 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57760 GHz	-42.68 dBm	-29.68 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59363 GHz	-43.77 dBm	-18.77 dB

Date: 10.SEP.2015 16:30:09

Lowest Band Edge / Full RB

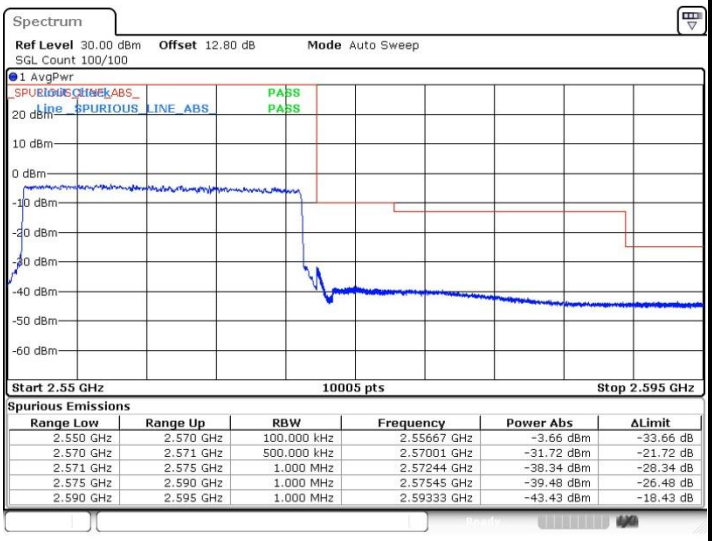


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-43.20 dBm	-18.20 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49493 GHz	-42.37 dBm	-29.37 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49600 GHz	-48.13 dBm	-35.13 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51532 GHz	-3.86 dBm	-33.86 dB

Date: 10.SEP.2015 16:22:31

Highest Band Edge / Full RB



Spurious Emissions

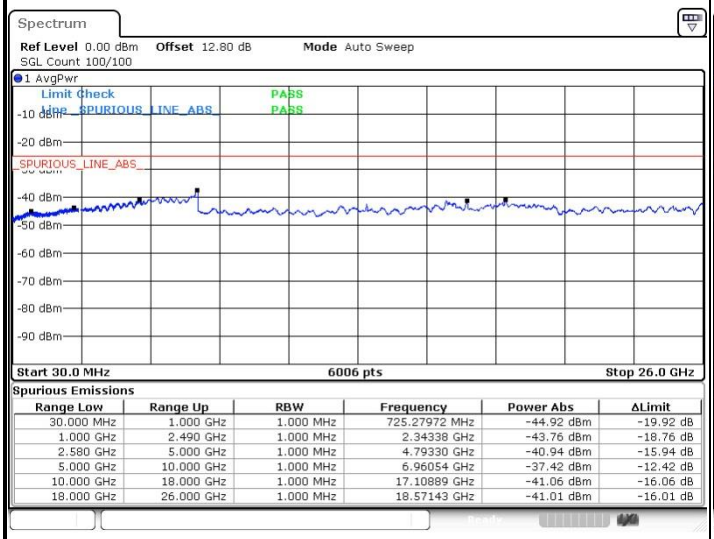
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55667 GHz	-3.66 dBm	-33.66 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-31.72 dBm	-21.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57244 GHz	-38.34 dBm	-28.34 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57545 GHz	-39.48 dBm	-26.48 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59333 GHz	-43.43 dBm	-18.43 dB

Date: 10.SEP.2015 16:31:19

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

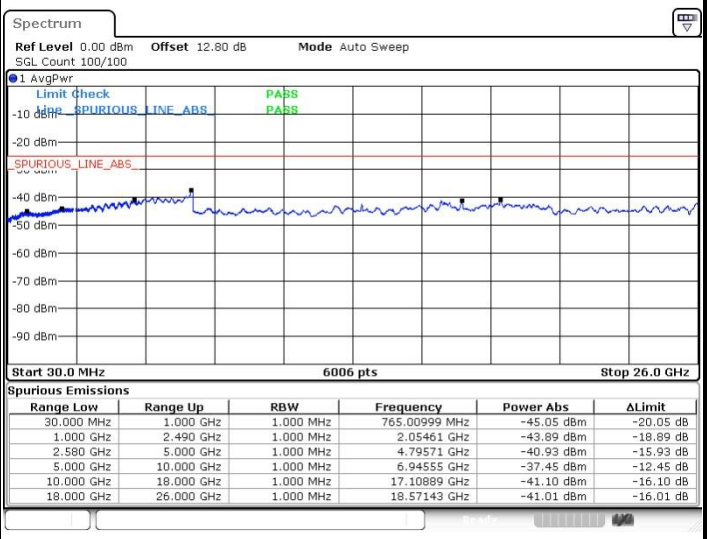


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	725.27972 MHz	-44.92 dBm	-19.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34338 GHz	-43.76 dBm	-18.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-40.94 dBm	-15.94 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.42 dBm	-12.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.06 dBm	-16.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.01 dBm	-16.01 dB

Date: 10.SEP.2015 15:31:39

Lowest Channel / 16QAM

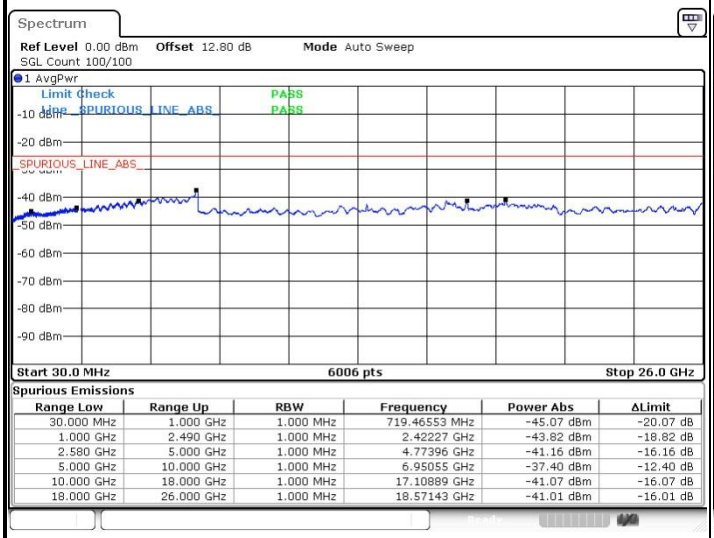


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	765.00999 MHz	-45.05 dBm	-20.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.05461 GHz	-43.89 dBm	-18.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79571 GHz	-40.93 dBm	-15.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.45 dBm	-12.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.10 dBm	-16.10 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.01 dBm	-16.01 dB

Date: 10.SEP.2015 15:32:34

Middle Channel / QPSK

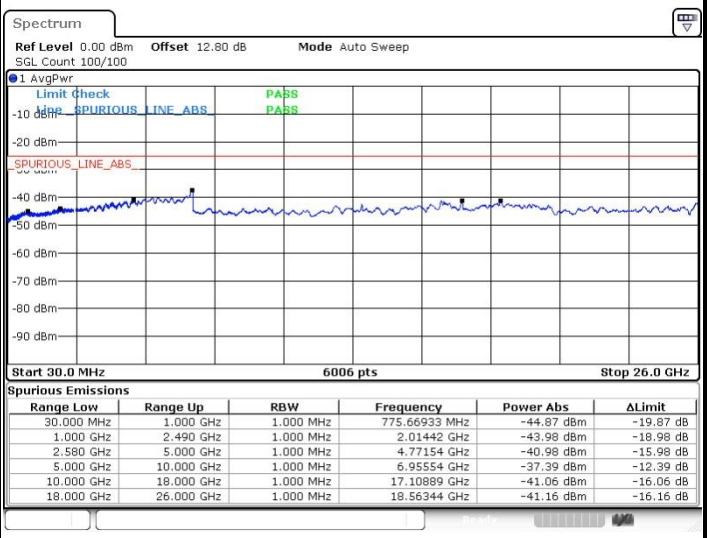


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	719.46553 MHz	-45.07 dBm	-20.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.42227 GHz	-43.82 dBm	-18.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77396 GHz	-41.16 dBm	-16.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.40 dBm	-12.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.07 dBm	-16.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.01 dBm	-16.01 dB

Date: 10.SEP.2015 15:34:17

Middle Channel / 16QAM



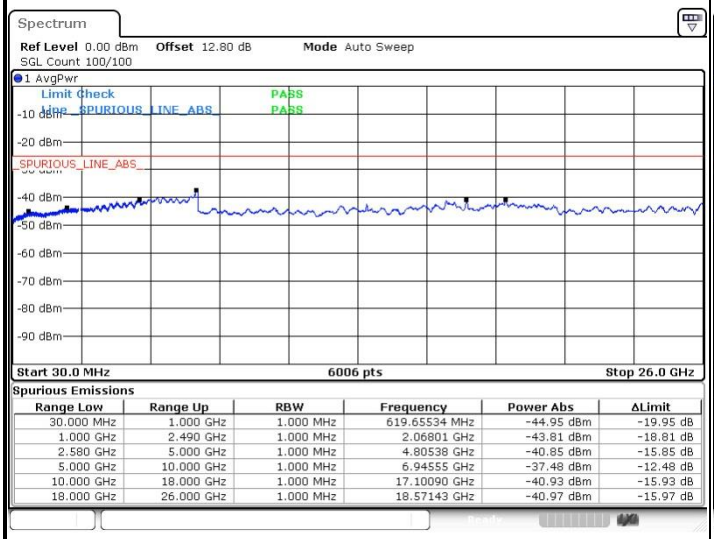
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	775.66933 MHz	-44.87 dBm	-19.87 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.01442 GHz	-43.98 dBm	-18.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77154 GHz	-40.98 dBm	-15.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.39 dBm	-12.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.06 dBm	-16.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.16 dBm	-16.16 dB

Date: 10.SEP.2015 15:35:13

LTE Band 7 / 5MHz

Highest Channel / QPSK

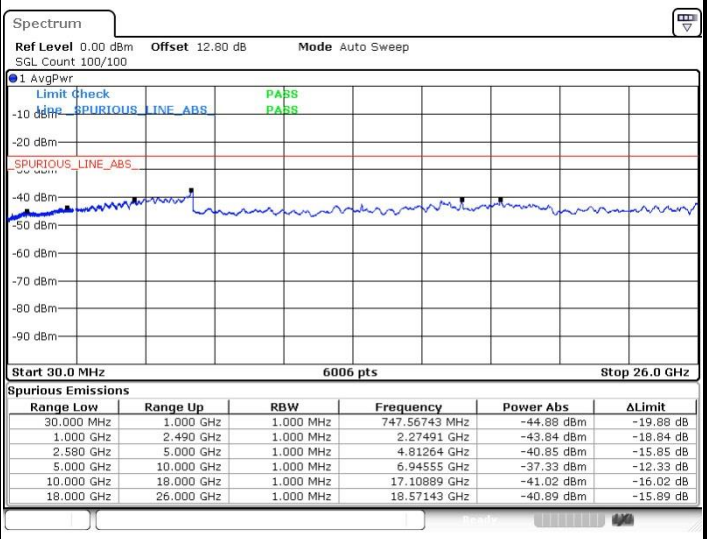


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	619.65534 MHz	-44.95 dBm	-19.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.06801 GHz	-43.81 dBm	-18.81 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80538 GHz	-40.85 dBm	-15.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.48 dBm	-12.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10090 GHz	-40.93 dBm	-15.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.97 dBm	-15.97 dB

Date: 10.SEP.2015 15:41:37

Highest Channel / 16QAM



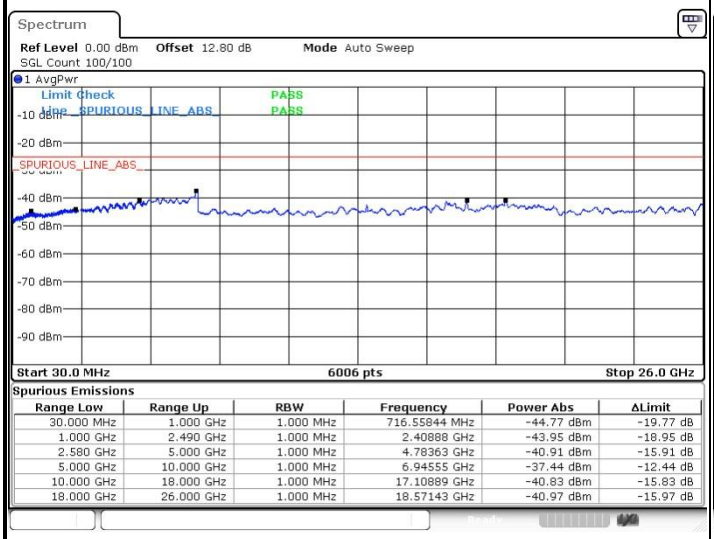
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	747.56743 MHz	-44.88 dBm	-19.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.27491 GHz	-43.84 dBm	-18.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81264 GHz	-40.85 dBm	-15.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.33 dBm	-12.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.02 dBm	-16.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.89 dBm	-15.89 dB

Date: 10.SEP.2015 15:42:33

LTE Band 7 / 10MHz

Lowest Channel / QPSK

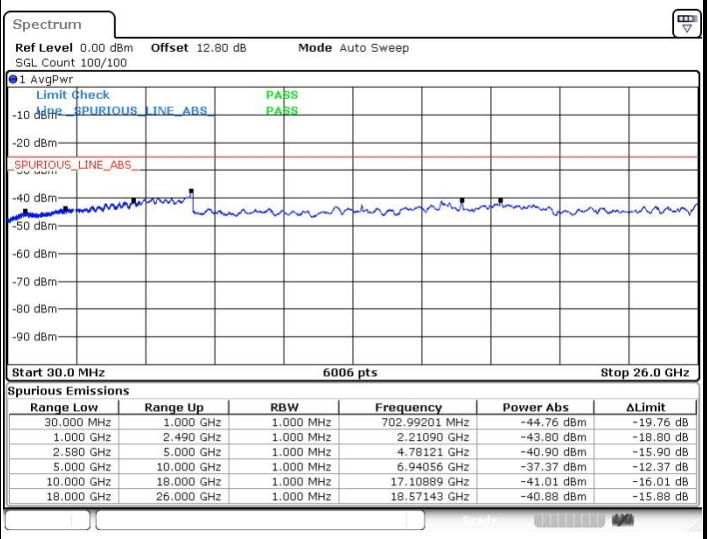


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	716.55844 MHz	-44.77 dBm	-19.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.40888 GHz	-43.95 dBm	-18.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78363 GHz	-40.91 dBm	-15.91 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.44 dBm	-12.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.83 dBm	-15.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.97 dBm	-15.97 dB

Date: 10.SEP.2015 15:48:55

Lowest Channel / 16QAM



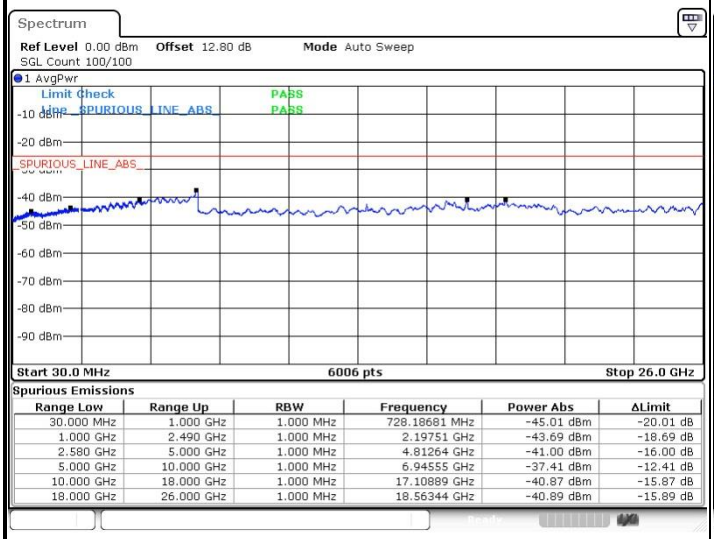
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	702.99201 MHz	-44.76 dBm	-19.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.21090 GHz	-43.80 dBm	-18.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78121 GHz	-40.90 dBm	-15.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-37.37 dBm	-12.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.01 dBm	-16.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.88 dBm	-15.88 dB

Date: 10.SEP.2015 15:49:50

LTE Band 7 / 10MHz

Middle Channel / QPSK

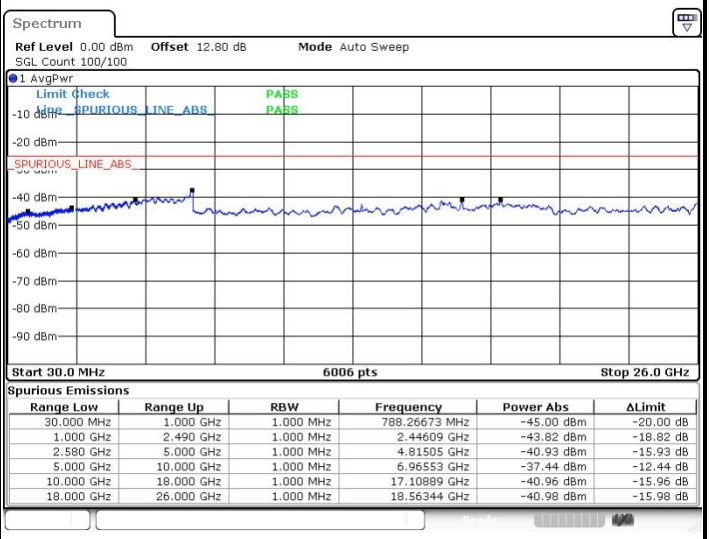


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	728.18681 MHz	-45.01 dBm	-20.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.19751 GHz	-43.69 dBm	-18.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81264 GHz	-41.00 dBm	-16.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.41 dBm	-12.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.87 dBm	-15.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-40.89 dBm	-15.89 dB

Date: 10.SEP.2015 15:51:33

Middle Channel / 16QAM

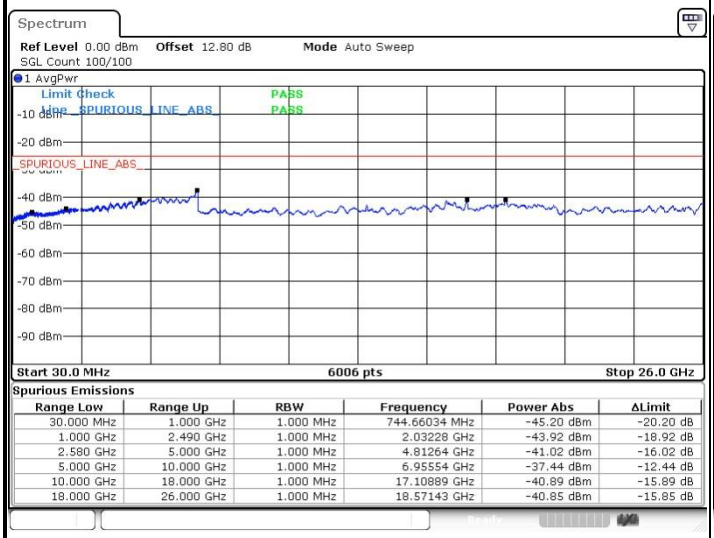


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	788.26673 MHz	-45.00 dBm	-20.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44609 GHz	-43.82 dBm	-18.82 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81505 GHz	-40.93 dBm	-15.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96553 GHz	-37.44 dBm	-12.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.96 dBm	-15.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-40.98 dBm	-15.98 dB

Date: 10.SEP.2015 15:52:29

Highest Channel / QPSK

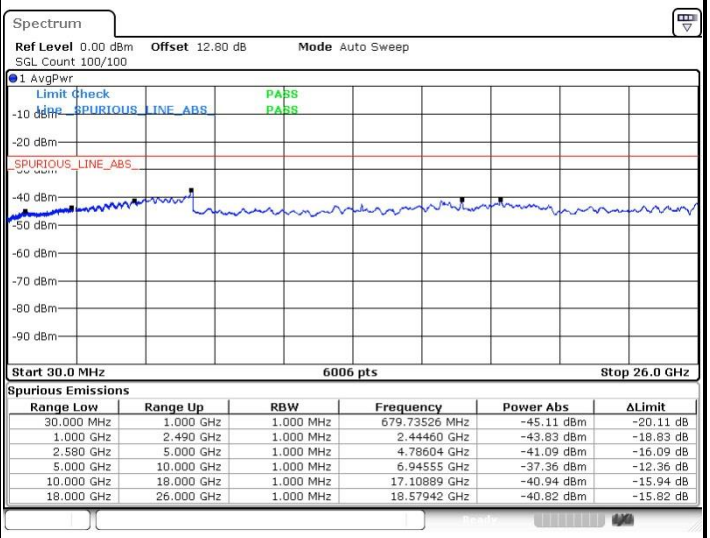


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	744.66034 MHz	-45.20 dBm	-20.20 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.03228 GHz	-43.92 dBm	-18.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81264 GHz	-41.02 dBm	-16.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.44 dBm	-12.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.89 dBm	-15.89 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.85 dBm	-15.85 dB

Date: 10.SEP.2015 15:58:53

Highest Channel / 16QAM



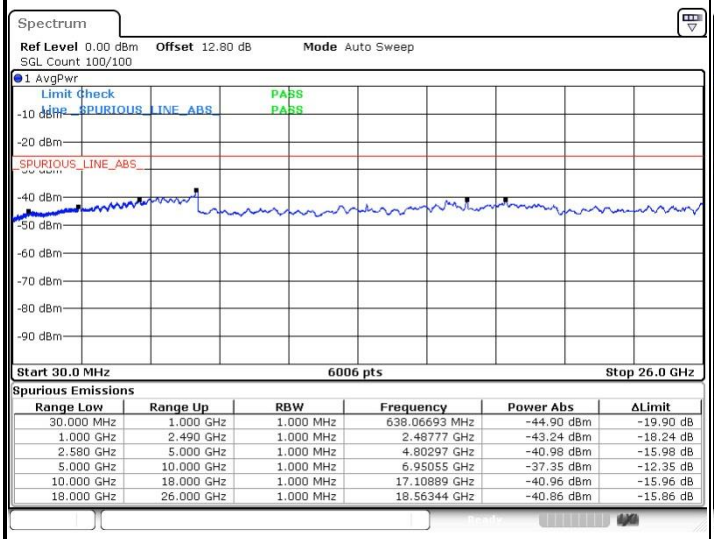
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	679.73526 MHz	-45.11 dBm	-20.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44460 GHz	-43.83 dBm	-18.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78604 GHz	-41.09 dBm	-16.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.36 dBm	-12.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.94 dBm	-15.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-40.82 dBm	-15.82 dB

Date: 10.SEP.2015 15:59:48

LTE Band 7 / 15MHz

Lowest Channel / QPSK

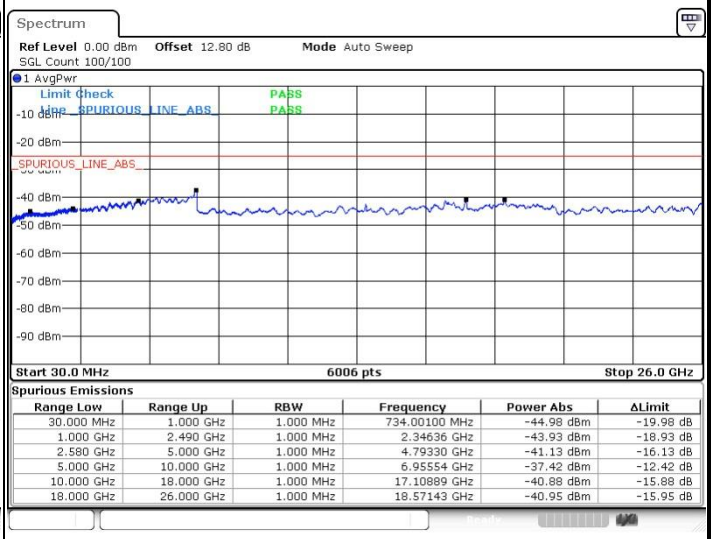


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	638.06693 MHz	-44.90 dBm	-19.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.24 dBm	-18.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-40.98 dBm	-15.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.35 dBm	-12.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.96 dBm	-15.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-40.86 dBm	-15.86 dB

Date: 10.SEP.2015 16:06:11

Lowest Channel / 16QAM

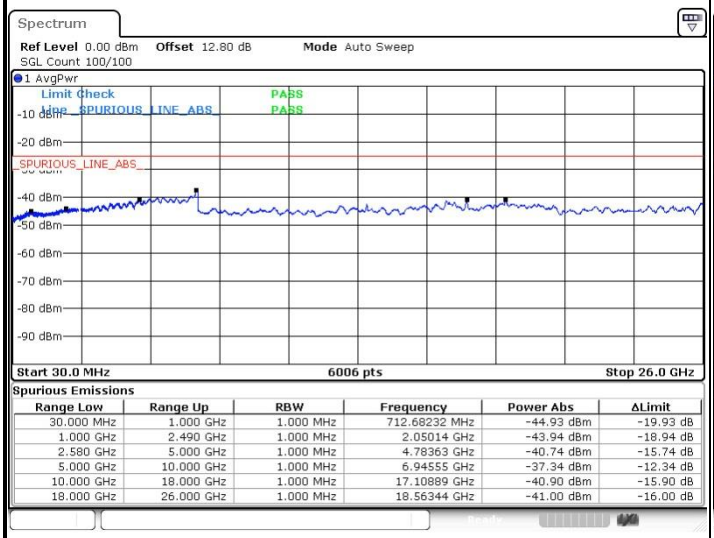


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	734.00100 MHz	-44.98 dBm	-19.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34636 GHz	-43.93 dBm	-18.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-41.13 dBm	-16.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.42 dBm	-12.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.88 dBm	-15.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.95 dBm	-15.95 dB

Date: 10.SEP.2015 16:07:06

Middle Channel / QPSK

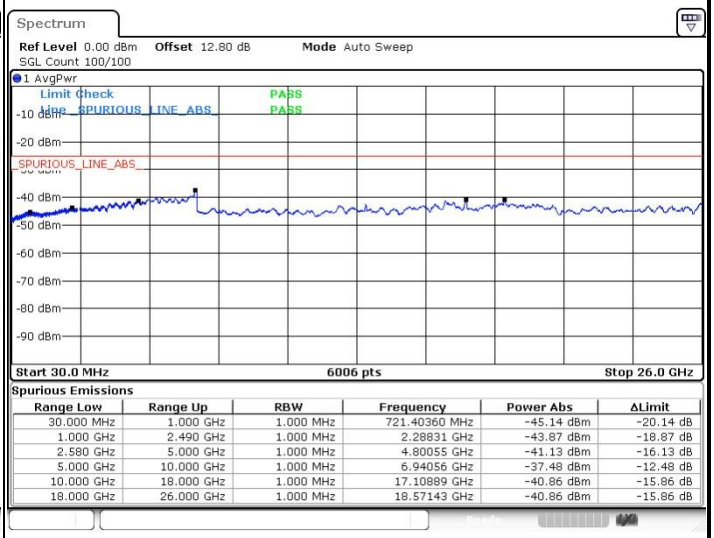


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	712.68232 MHz	-44.93 dBm	-19.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.05014 GHz	-43.94 dBm	-18.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78363 GHz	-40.74 dBm	-15.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.34 dBm	-12.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.90 dBm	-15.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.00 dBm	-16.00 dB

Date: 10.SEP.2015 16:08:49

Middle Channel / 16QAM



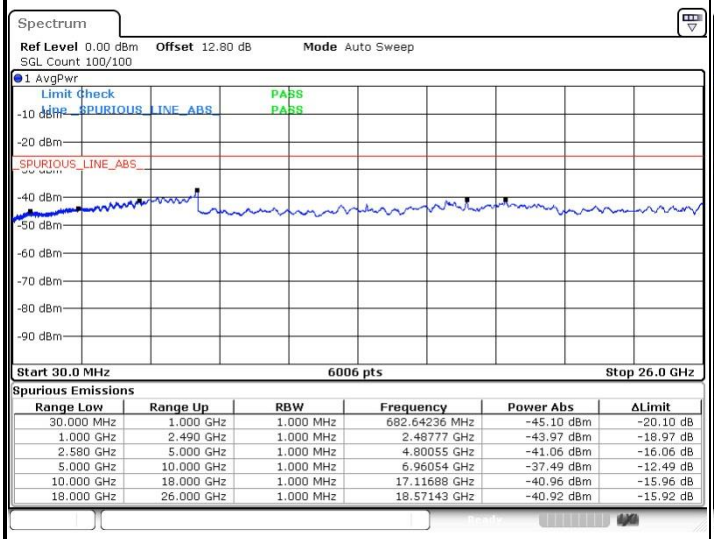
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	721.40360 MHz	-45.14 dBm	-20.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28831 GHz	-43.87 dBm	-18.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80055 GHz	-41.13 dBm	-16.13 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-37.48 dBm	-12.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.86 dBm	-15.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.86 dBm	-15.86 dB

Date: 10.SEP.2015 16:09:45

LTE Band7 / 15MHz

Highest Channel / QPSK

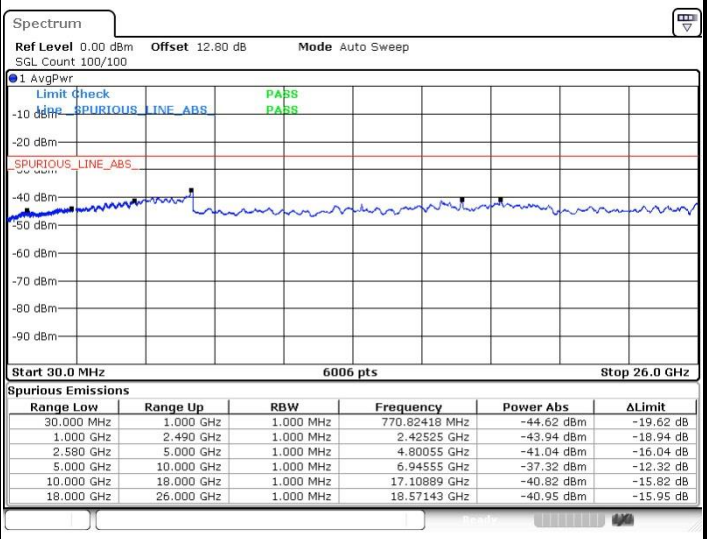


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	682.64236 MHz	-45.10 dBm	-20.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-43.97 dBm	-18.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80055 GHz	-41.06 dBm	-16.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.49 dBm	-12.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-40.96 dBm	-15.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.92 dBm	-15.92 dB

Date: 10.SEP.2015 16:16:09

Highest Channel / 16QAM



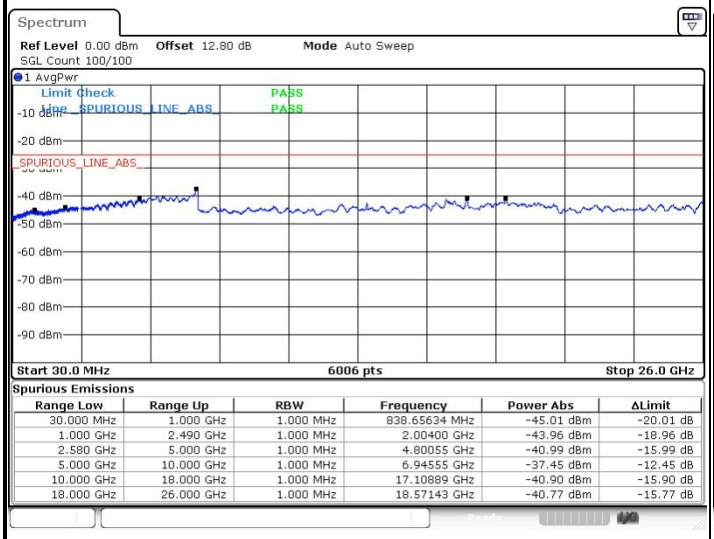
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	770.82418 MHz	-44.62 dBm	-19.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.42525 GHz	-43.94 dBm	-18.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80055 GHz	-41.04 dBm	-16.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.32 dBm	-12.32 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.82 dBm	-15.82 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.95 dBm	-15.95 dB

Date: 10.SEP.2015 16:17:04

LTE Band 7 / 20MHz

Lowest Channel / QPSK

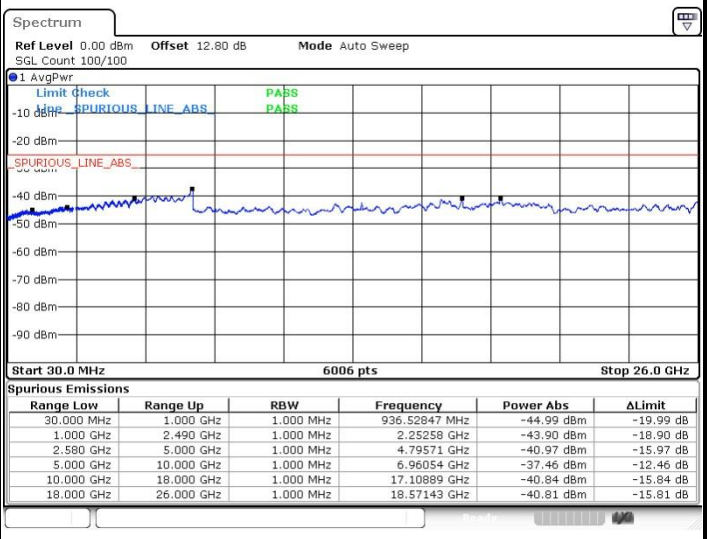


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.65634 MHz	-45.01 dBm	-20.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.00400 GHz	-43.96 dBm	-18.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80055 GHz	-40.99 dBm	-15.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.45 dBm	-12.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.90 dBm	-15.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.77 dBm	-15.77 dB

Date: 10.SEP.2015 16:23:27

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.52847 MHz	-44.99 dBm	-19.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.25258 GHz	-43.90 dBm	-18.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79571 GHz	-40.97 dBm	-15.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.46 dBm	-12.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.84 dBm	-15.84 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.81 dBm	-15.81 dB

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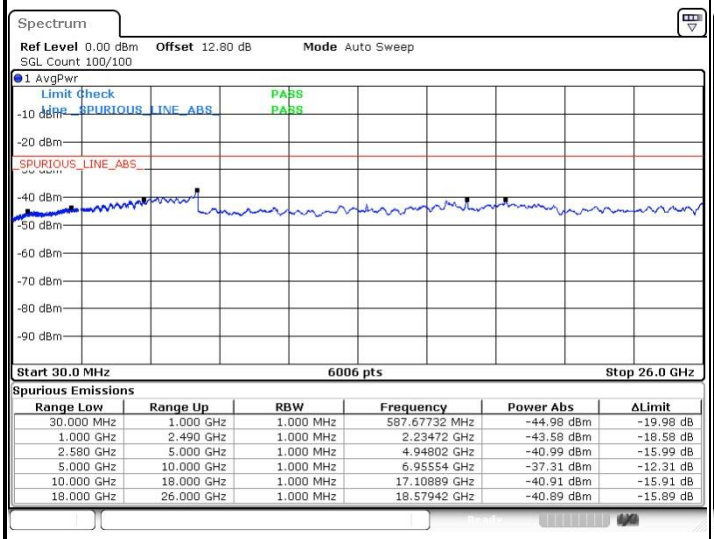
LTE Band 7 / 20MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	587.67732 MHz	-44.98 dBm	-19.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.23472 GHz	-43.58 dBm	-18.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94802 GHz	-40.99 dBm	-15.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.31 dBm	-12.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.91 dBm	-15.91 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-40.89 dBm	-15.89 dB

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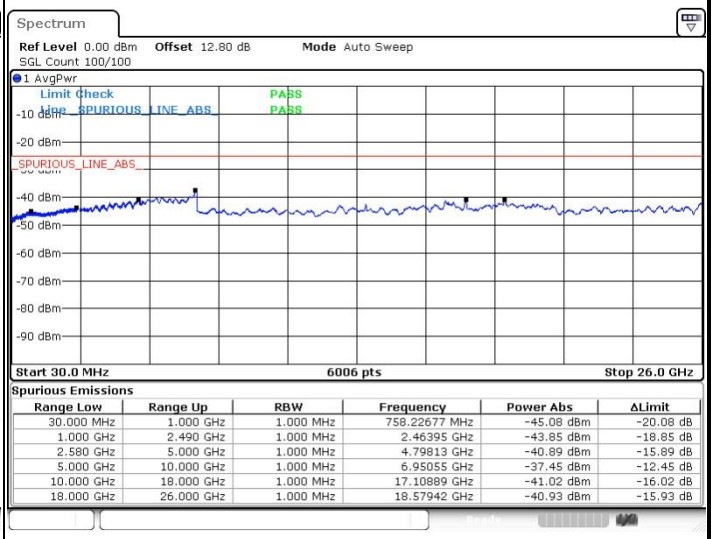
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	758.22677 MHz	-45.08 dBm	-20.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46395 GHz	-43.85 dBm	-18.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-40.89 dBm	-15.89 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.45 dBm	-12.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.02 dBm	-16.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-40.93 dBm	-15.93 dB

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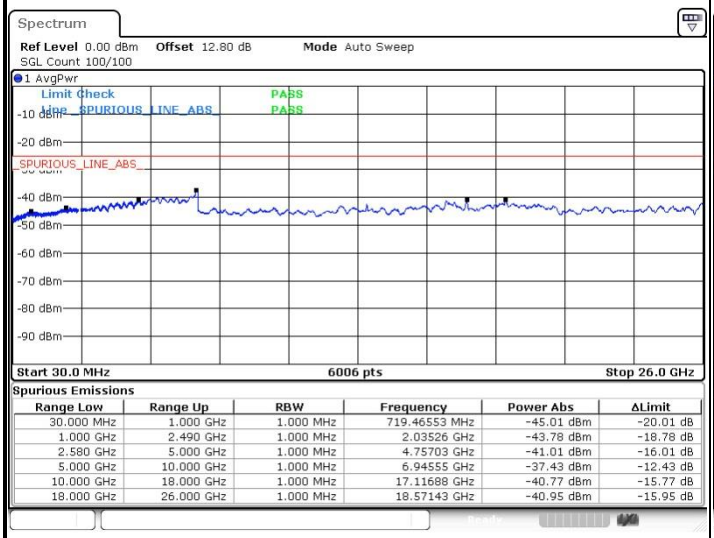
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	719.46553 MHz	-45.01 dBm	-20.01 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.03526 GHz	-43.78 dBm	-18.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.75703 GHz	-41.01 dBm	-16.01 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.43 dBm	-12.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-40.77 dBm	-15.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-40.95 dBm	-15.95 dB

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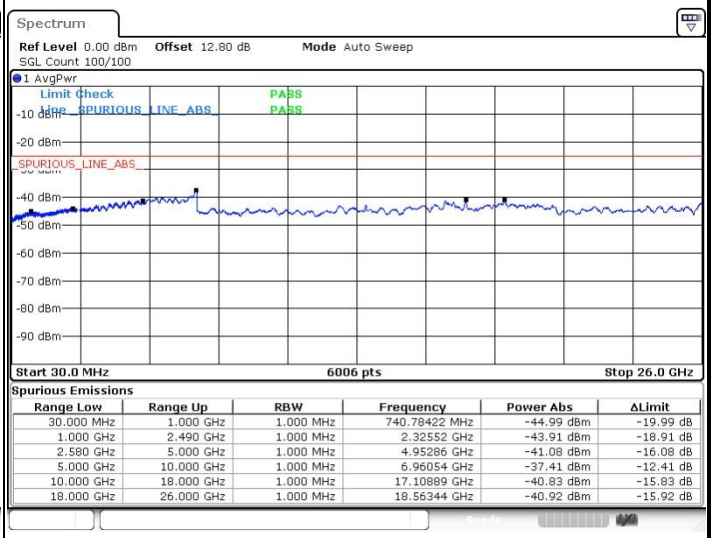
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	740.78422 MHz	-44.99 dBm	-19.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32552 GHz	-43.91 dBm	-18.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95286 GHz	-41.08 dBm	-16.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.41 dBm	-12.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-40.83 dBm	-15.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-40.92 dBm	-15.92 dB

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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	0.0014	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.

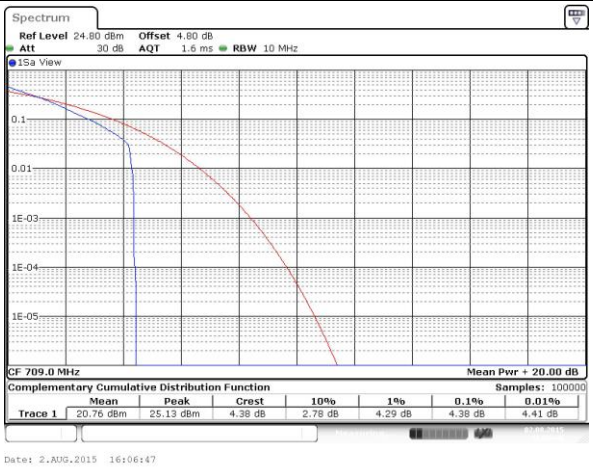
LTE Band 17

Peak-to-Average Ratio

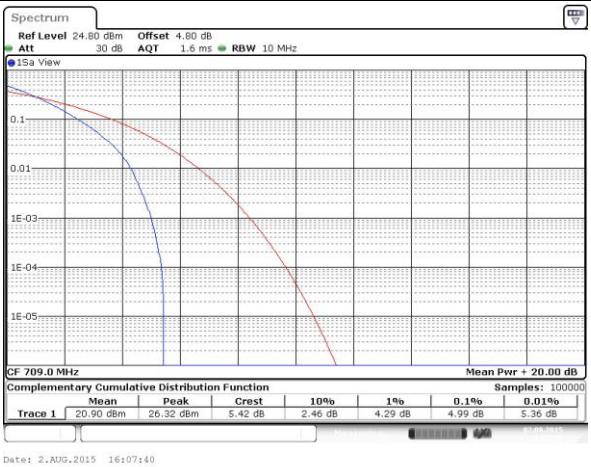
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.38	4.99	5.57	5.88	PASS
Middle CH	4.49	4.99	5.83	5.91	
Highest CH	4.75	4.87	5.71	6.00	

LTE Band 17 / 10MHz / QPSK

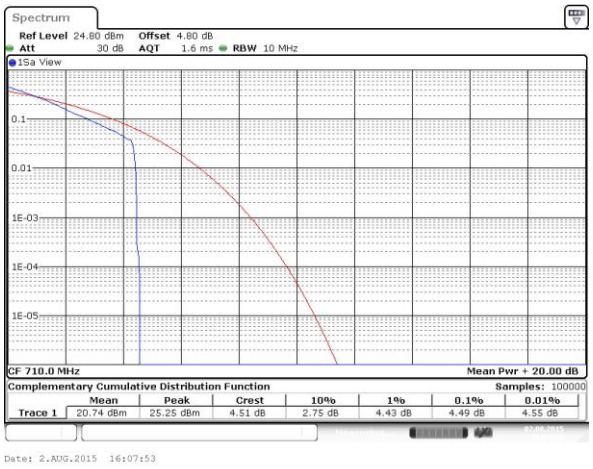
Lowest Channel / 1RB



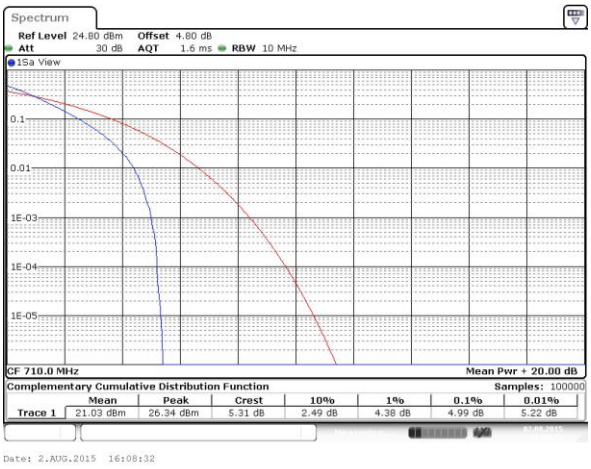
Lowest Channel / Full RB



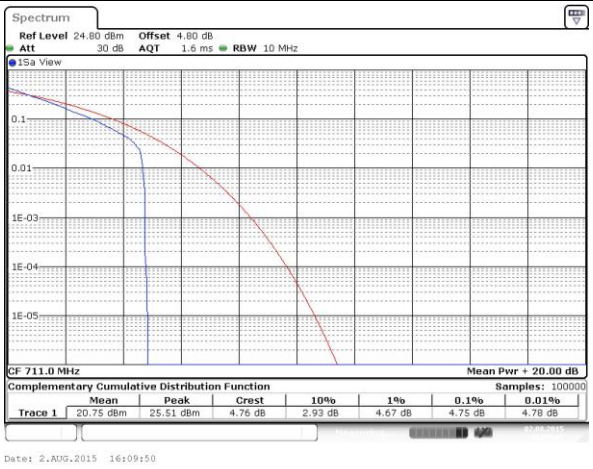
Middle Channel/ 1RB



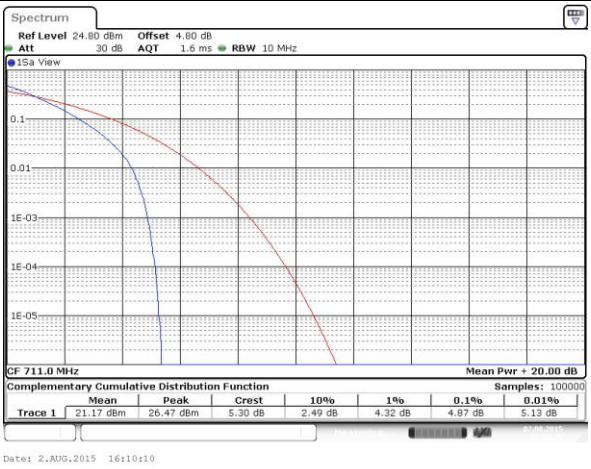
Middle Channel / Full RB



Highest Channel/ 1RB

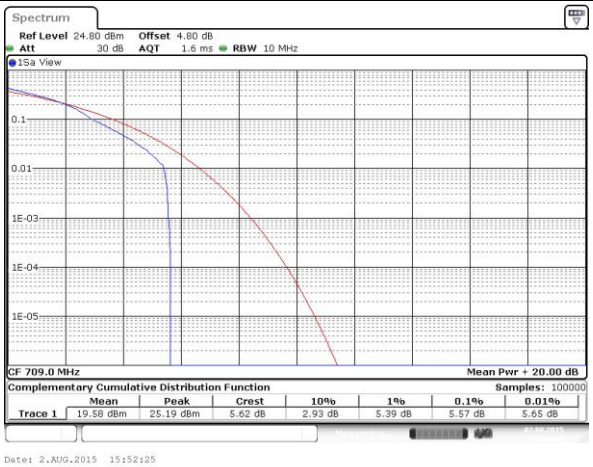


Highest Channel / Full RB

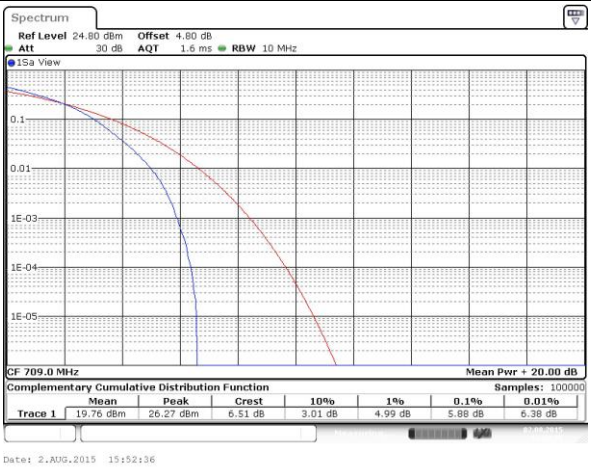


LTE Band 17 / 10MHz / 16QAM

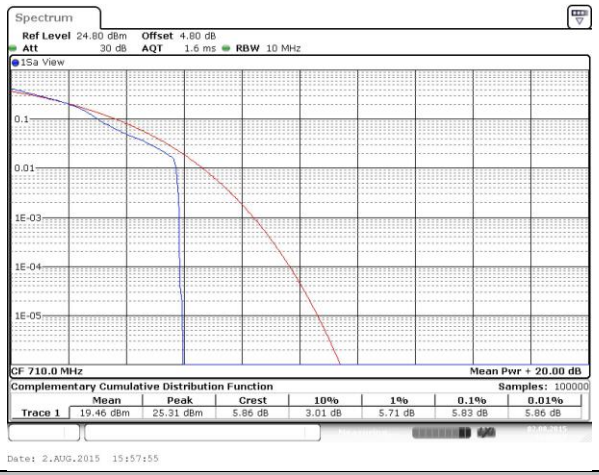
Lowest Channel / 1RB



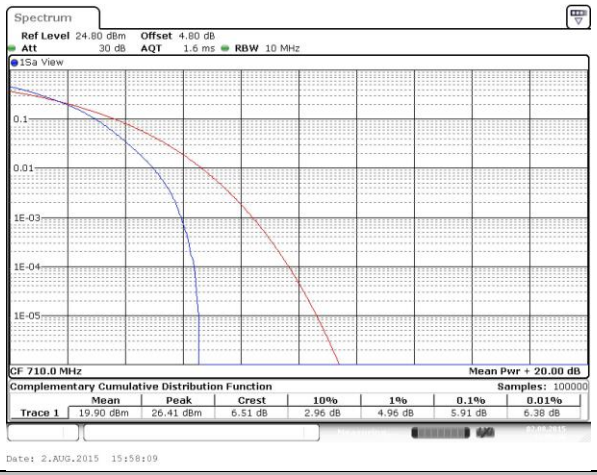
Lowest Channel / Full RB



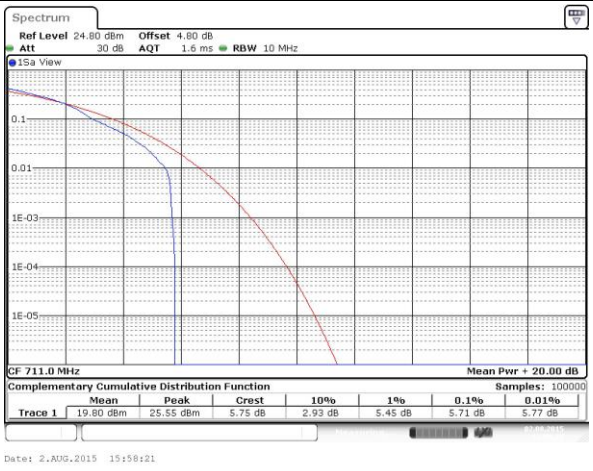
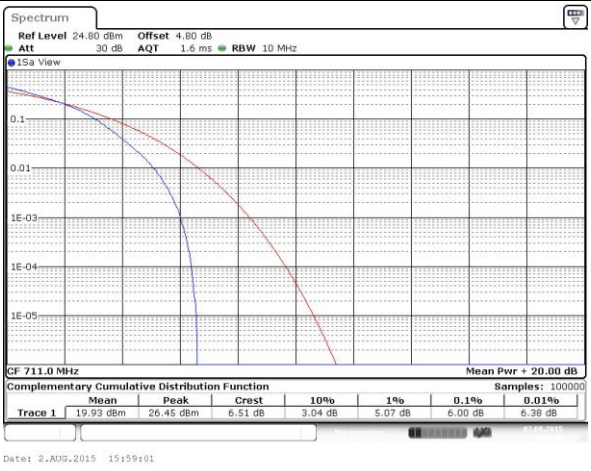
Middle Channel/ 1RB



Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB