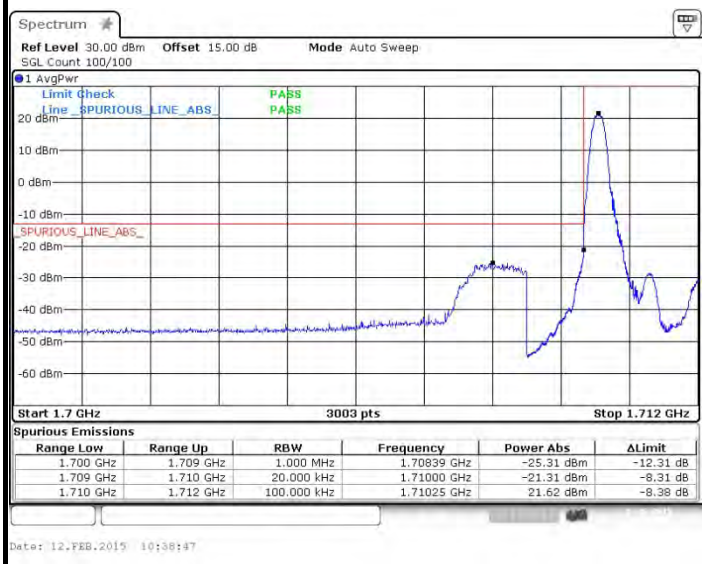
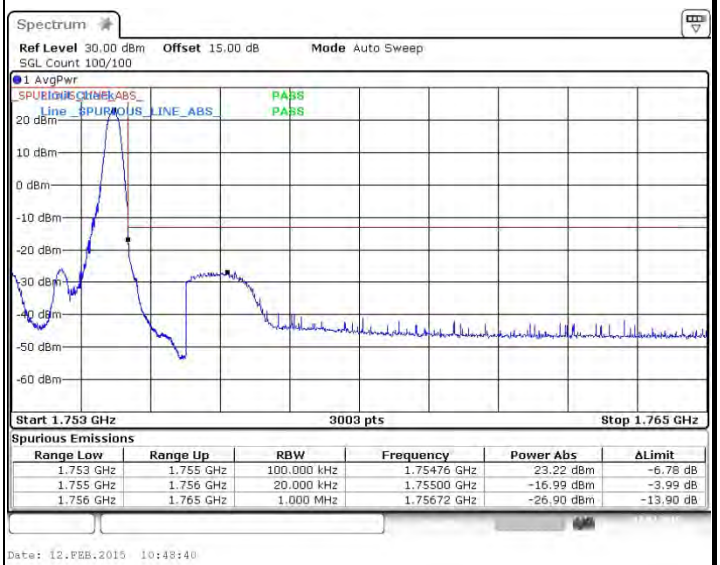
Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

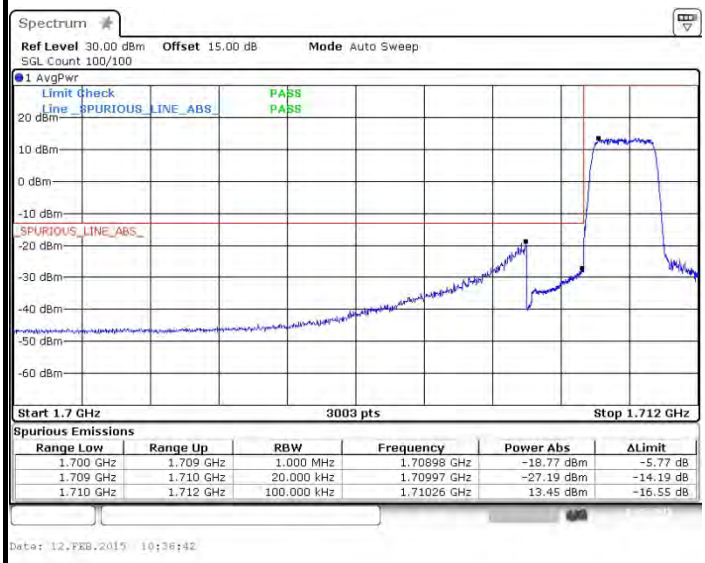
Lowest Band Edge / 1RB



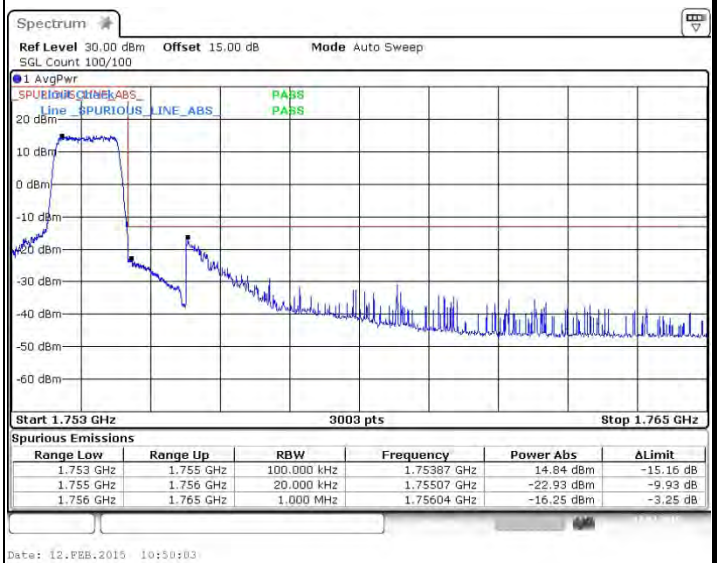
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

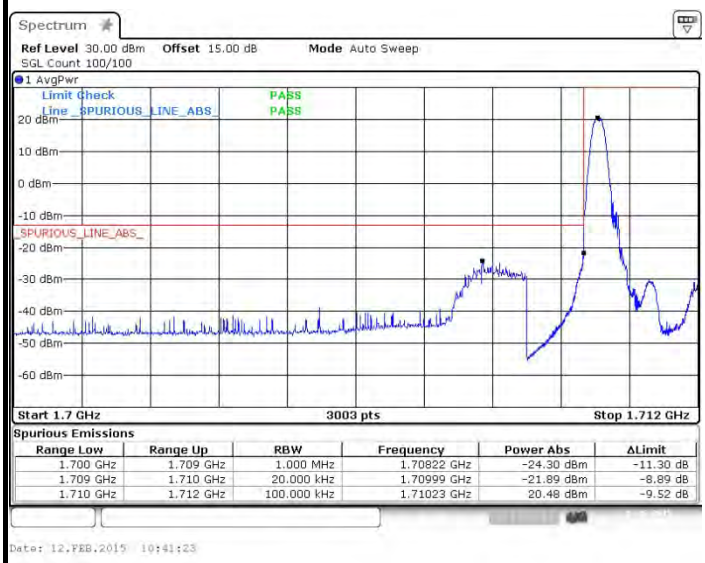


Highest Band Edge / Full RB

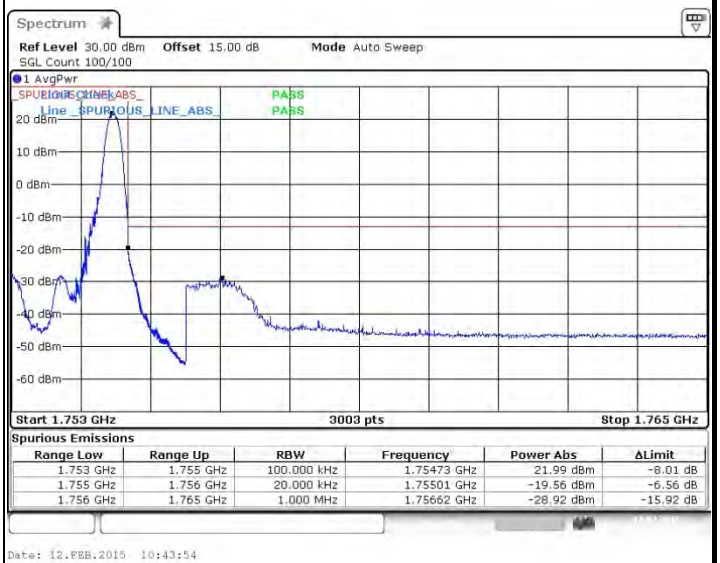


LTE Band 4 / 1.4MHz / 16QAM

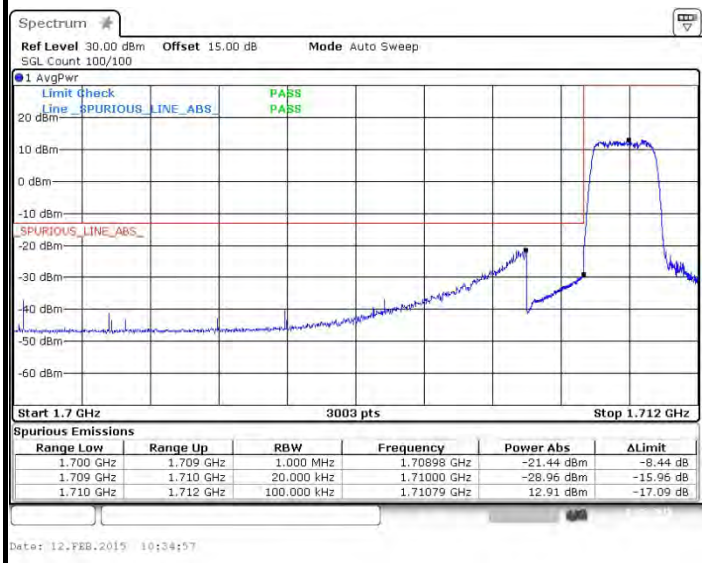
Lowest Band Edge / 1 RB



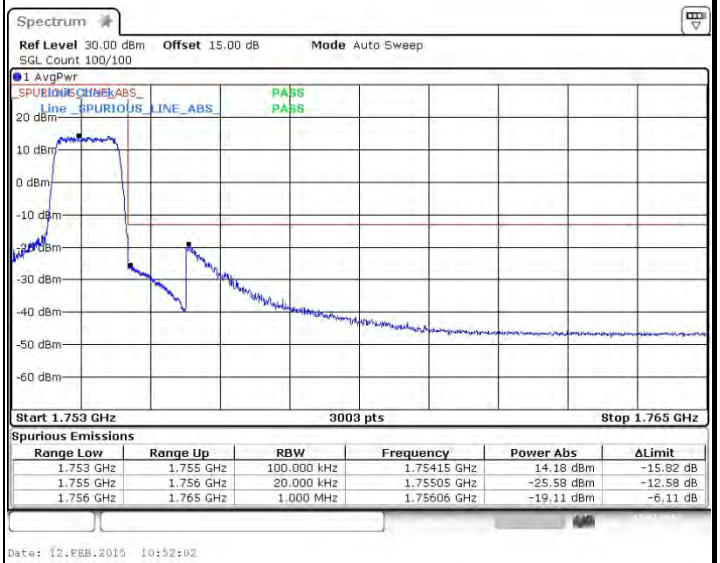
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

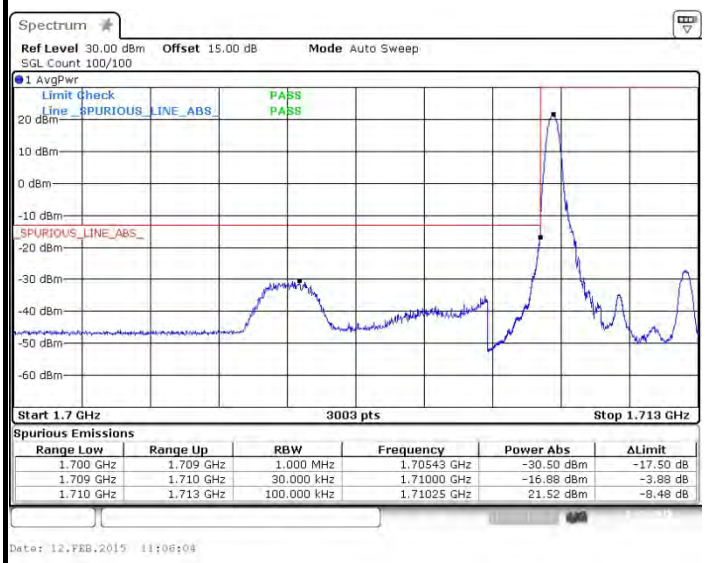


Highest Band Edge / Full RB



LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

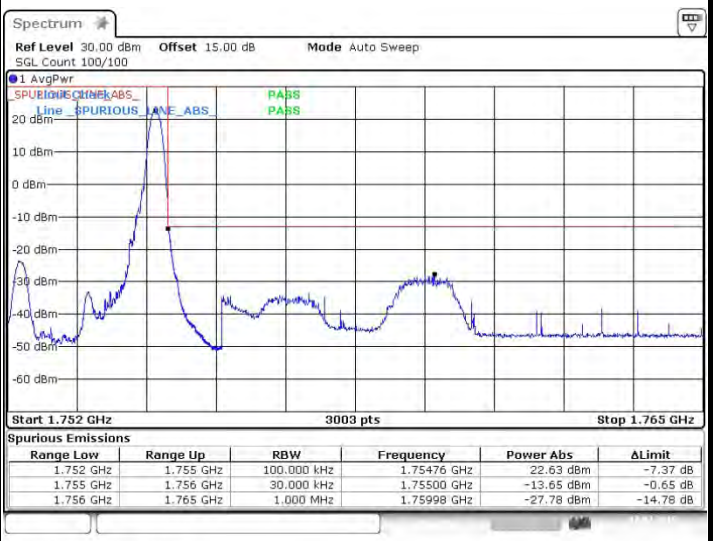


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70543 GHz	-30.50 dBm	-17.50 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-16.88 dBm	-3.88 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71025 GHz	21.52 dBm	-8.48 dB

Date: 12.FEB.2015 11:08:04

Highest Band Edge / 1 RB

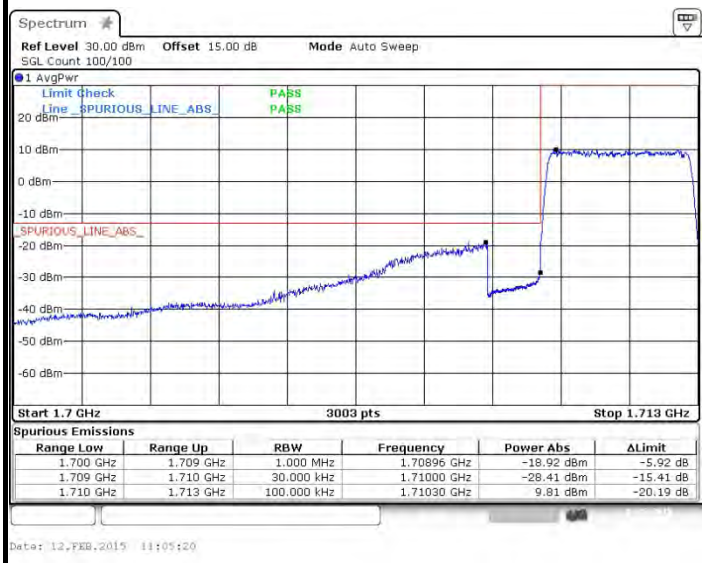


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75476 GHz	22.63 dBm	-7.37 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-13.65 dBm	-0.65 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75998 GHz	-27.78 dBm	-14.78 dB

Date: 12.FEB.2015 11:08:38

Lowest Band Edge / Full RB

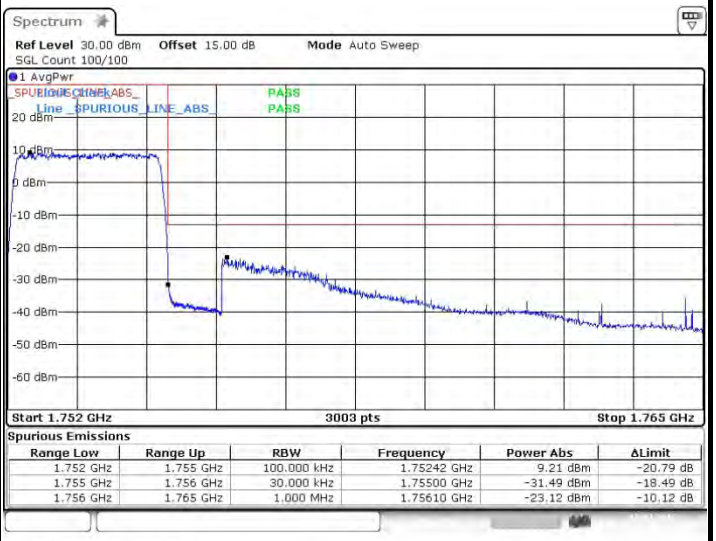


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-18.92 dBm	-5.92 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-28.41 dBm	-15.41 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71030 GHz	9.81 dBm	-20.19 dB

Date: 12.FEB.2015 11:05:20

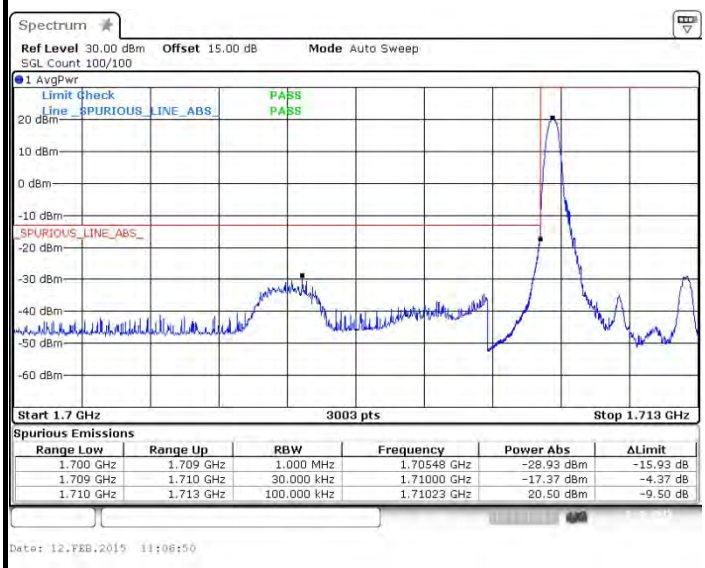
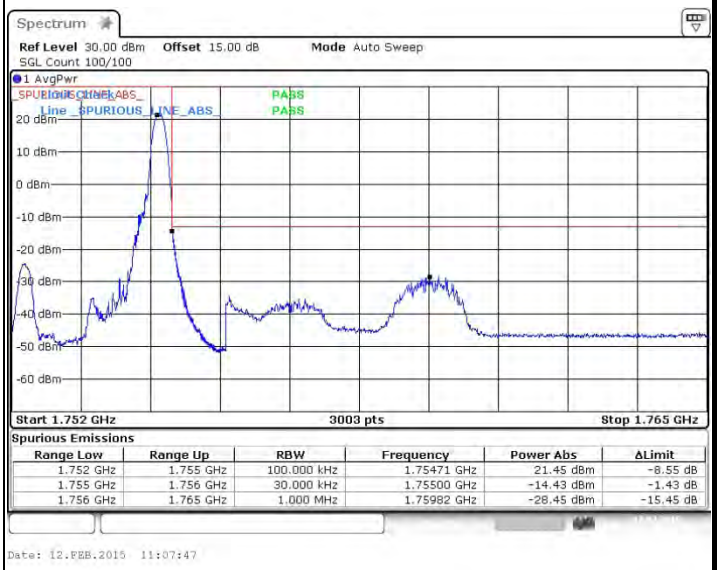
Highest Band Edge / Full RB

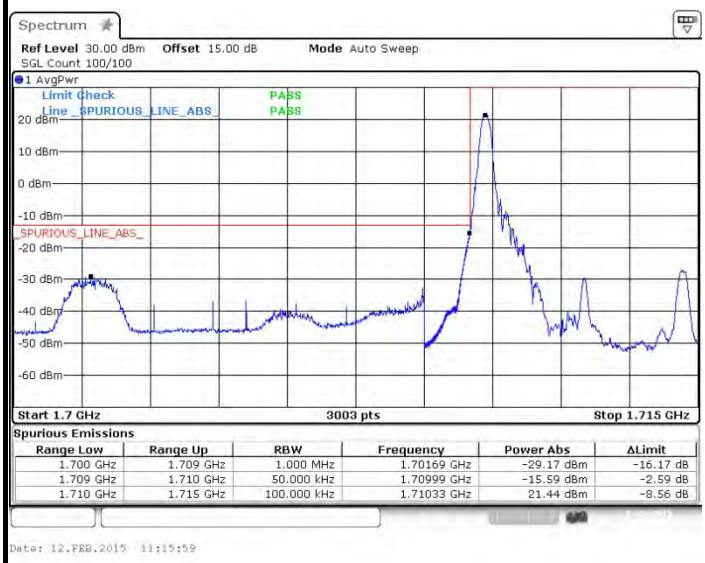
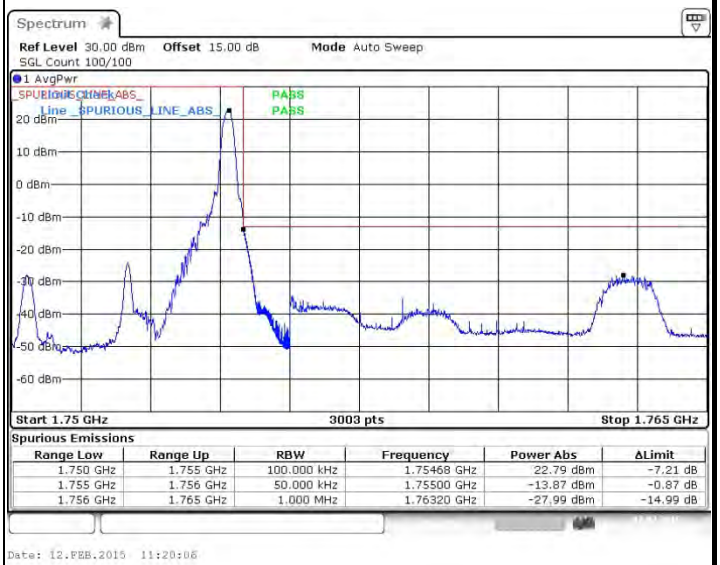
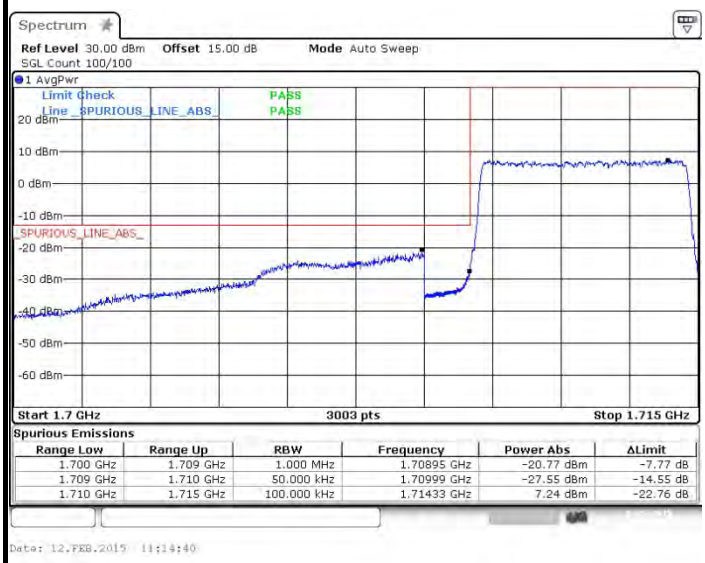
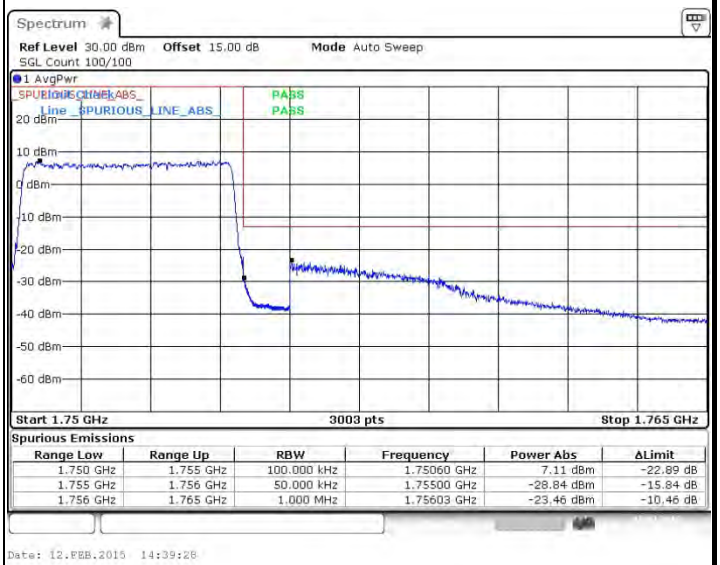


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75242 GHz	9.21 dBm	-20.79 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-31.49 dBm	-18.49 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75610 GHz	-23.12 dBm	-10.12 dB

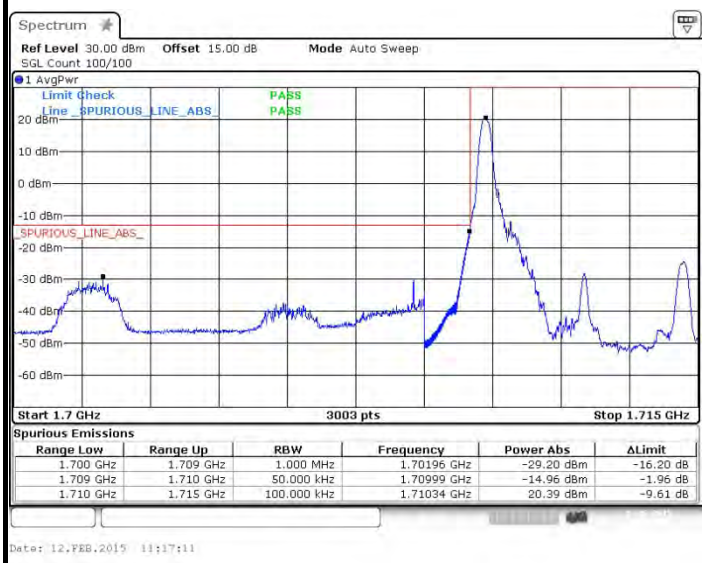
Date: 12.FEB.2015 14:40:48

LTE Band 4 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge /1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

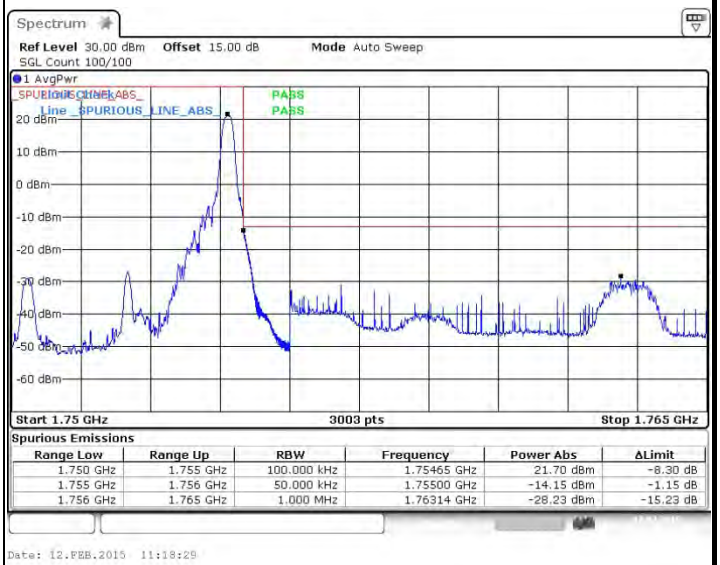
LTE Band 4 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 5MHz / 16QAM

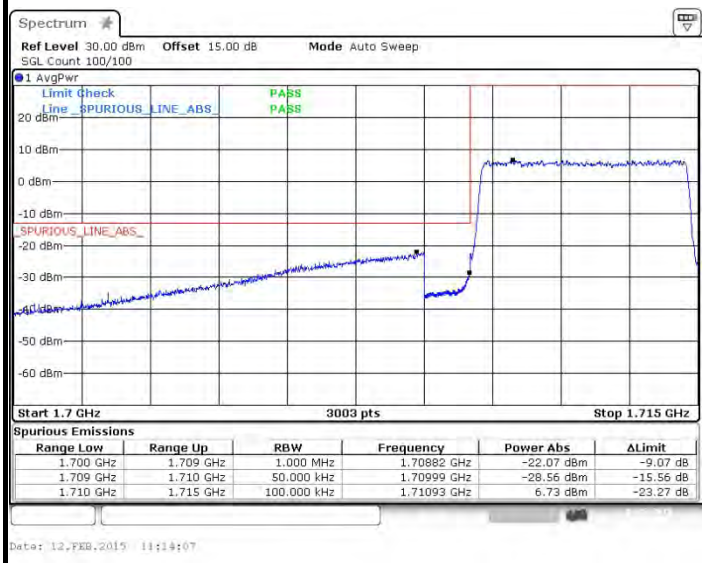
Lowest Band Edge / 1RB



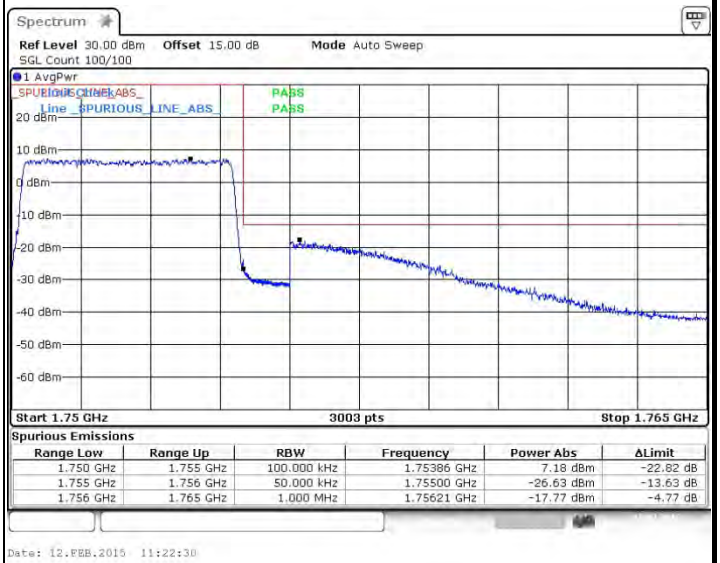
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

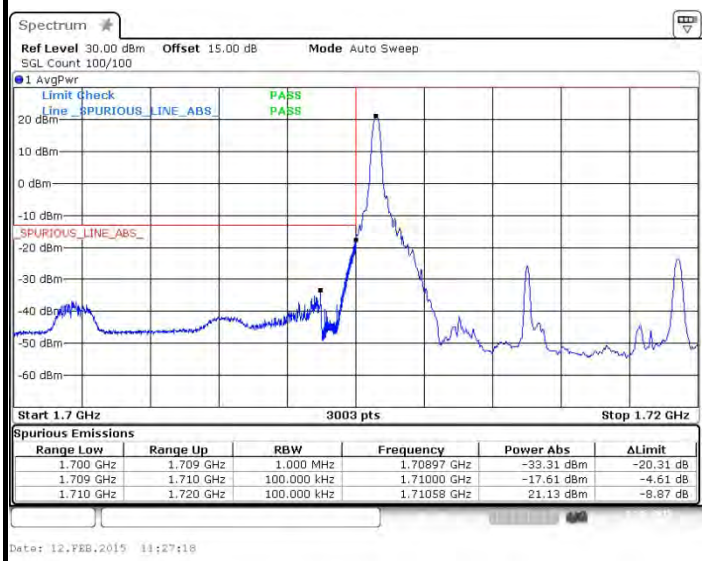


Highest Band Edge / Full RB

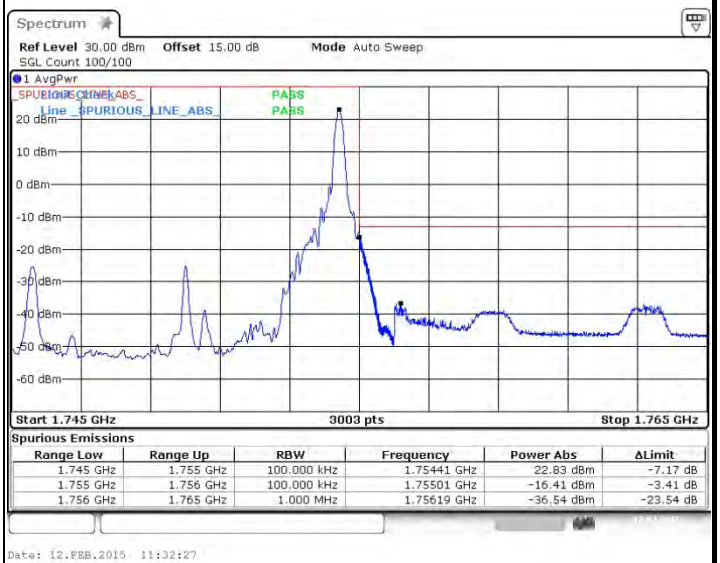


LTE Band 4 / 10MHz / QPSK

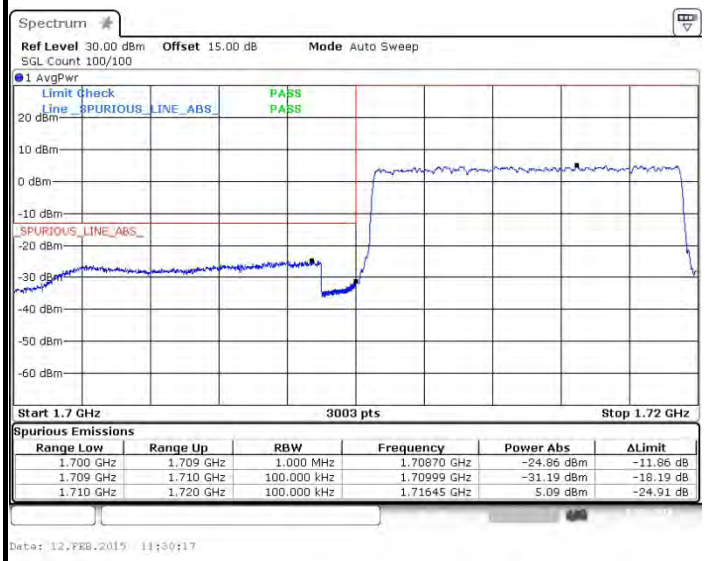
Lowest Band Edge / 1 RB



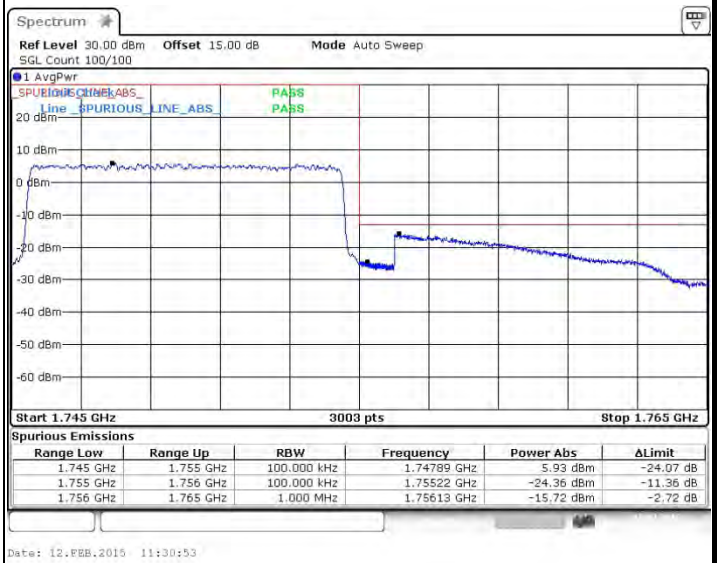
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

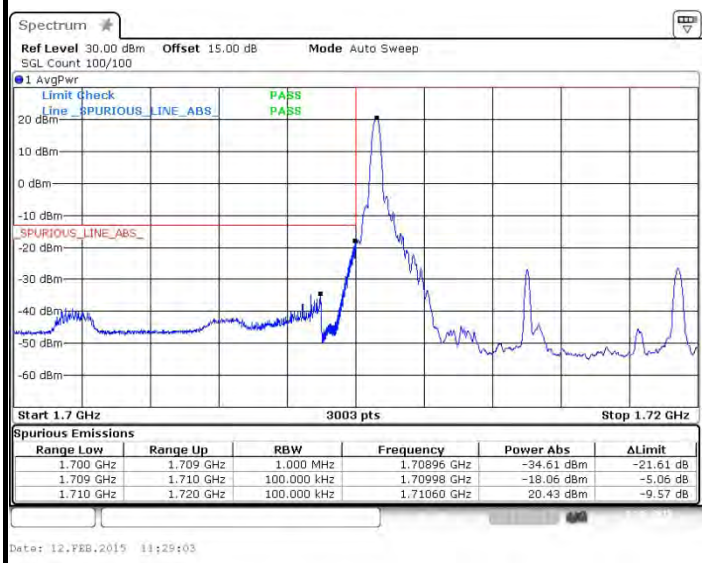


Highest Band Edge / Full RB

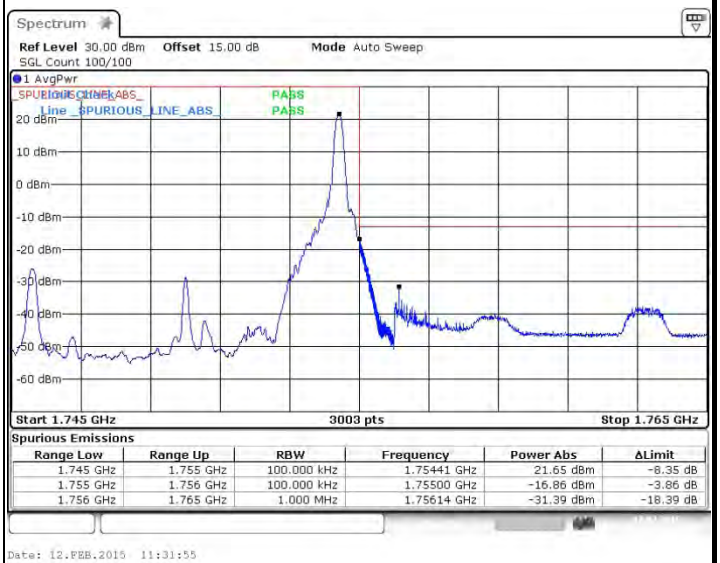


LTE Band 4 / 10MHz / 16QAM

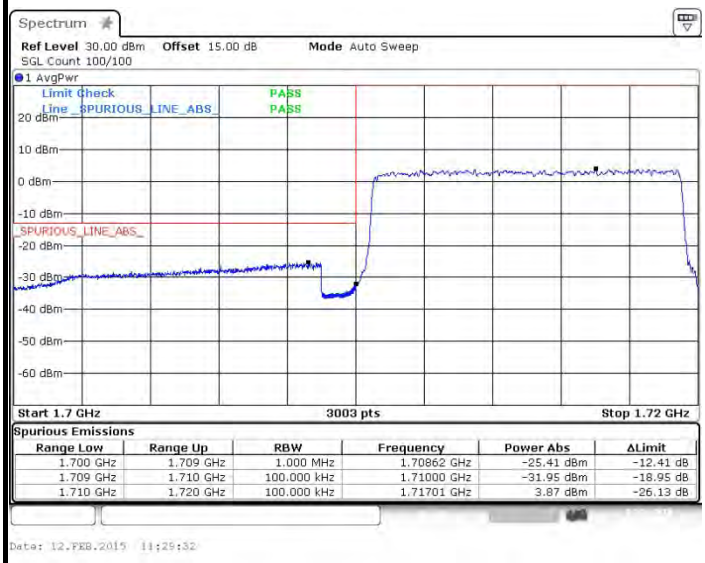
Lowest Band Edge / 1 RB



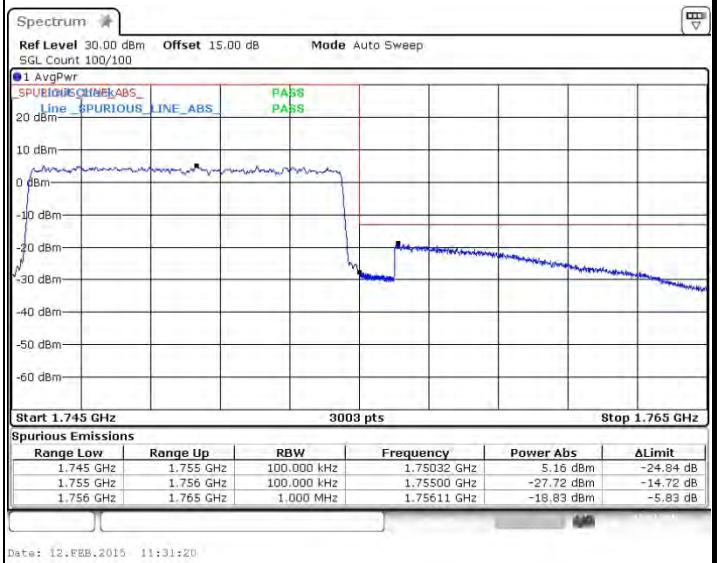
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

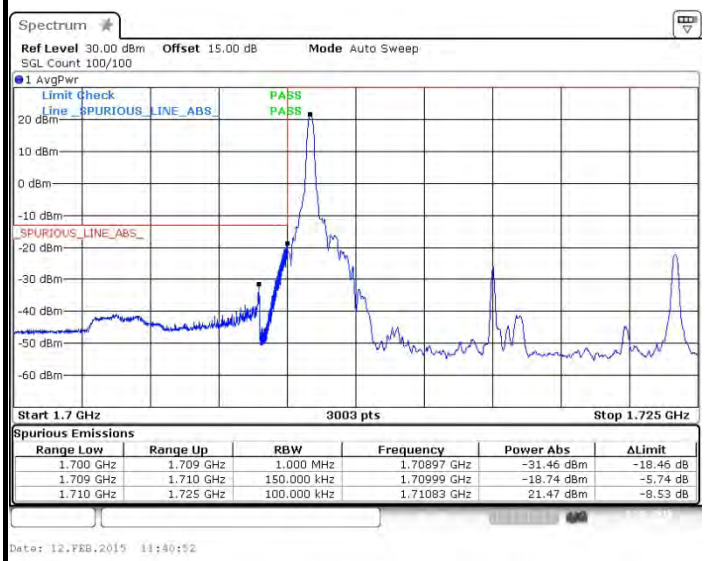


Highest Band Edge / Full RB

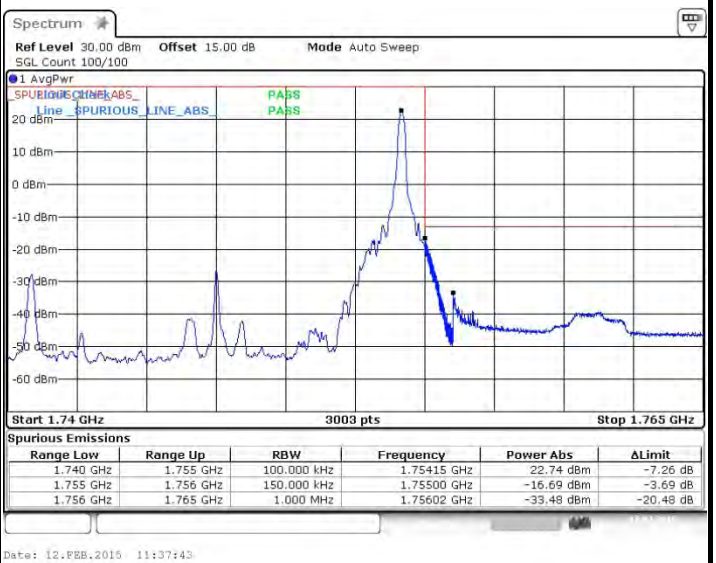


LTE Band 4 / 15MHz / QPSK

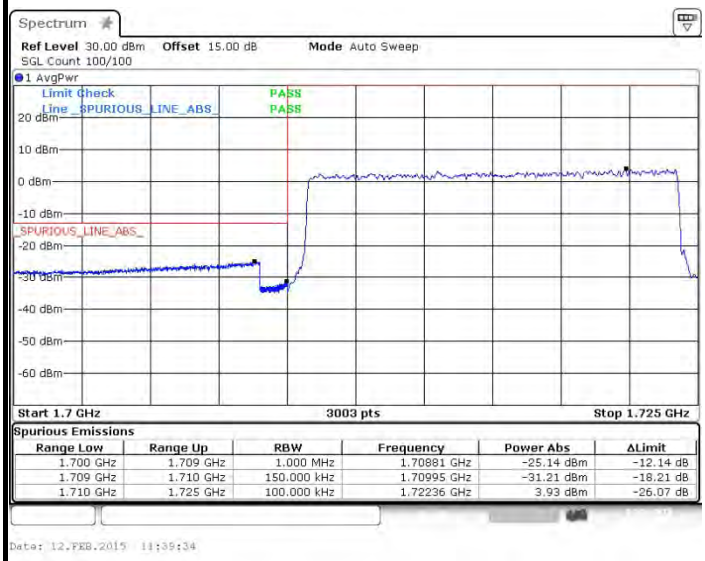
Lowest Band Edge / 1 RB



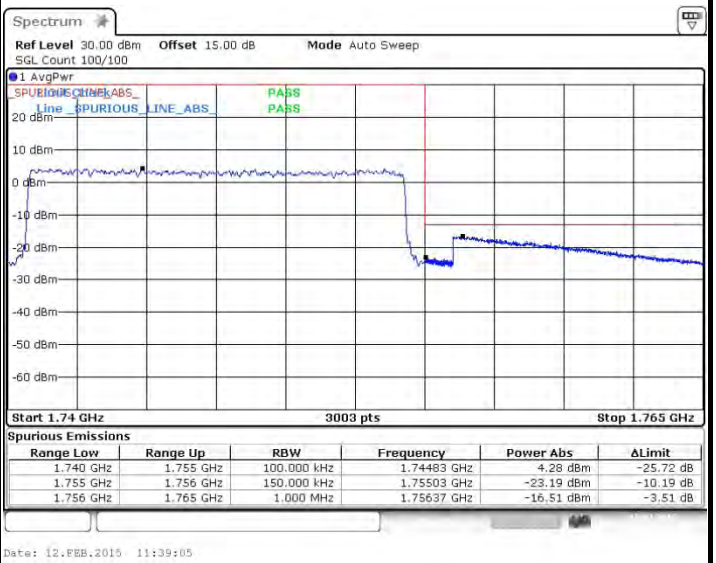
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

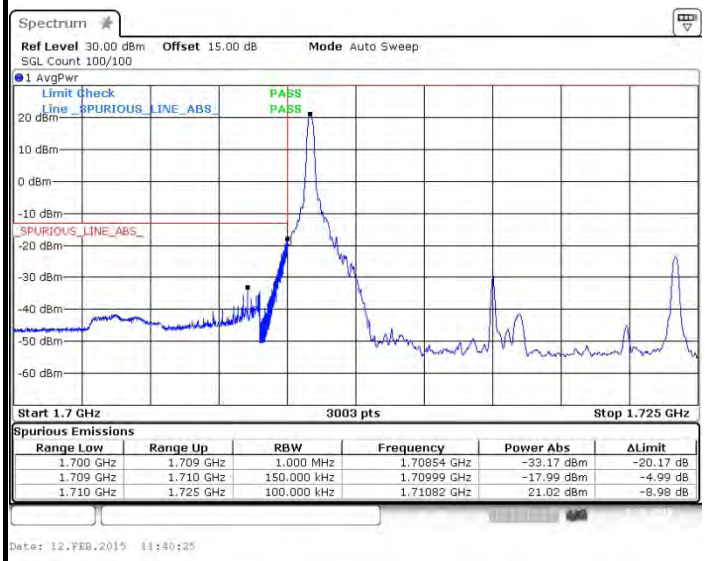


Highest Band Edge / Full RB

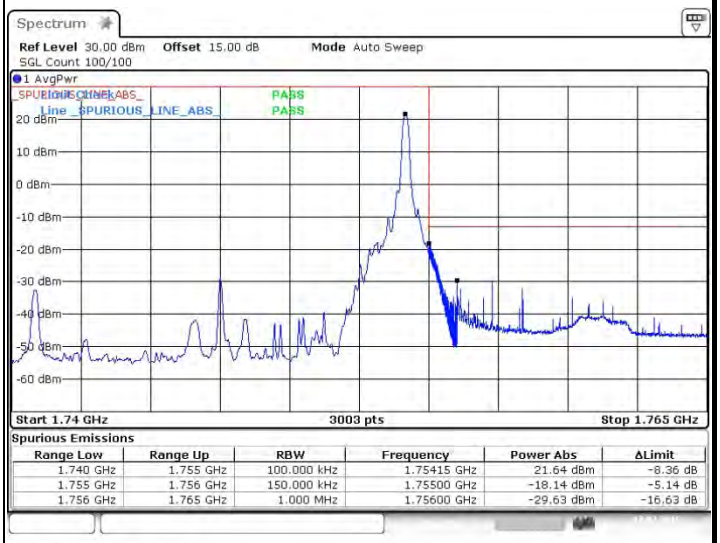


LTE Band 4 / 15MHz / 16QAM

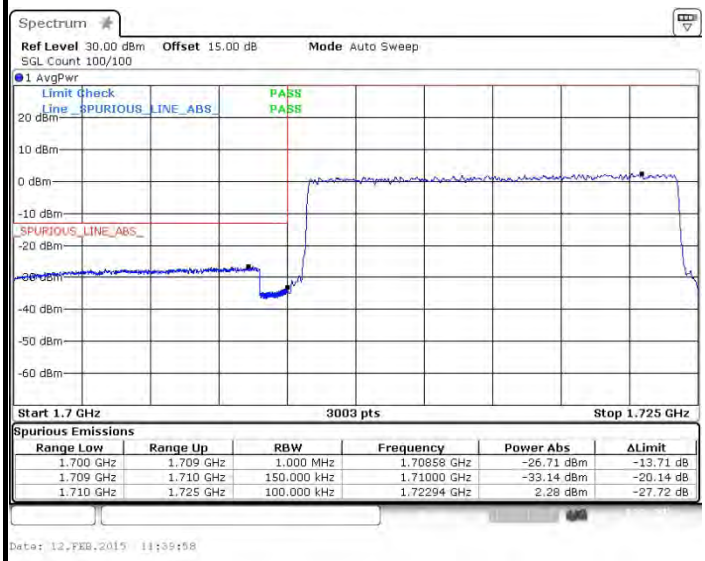
Lowest Band Edge / 1 RB



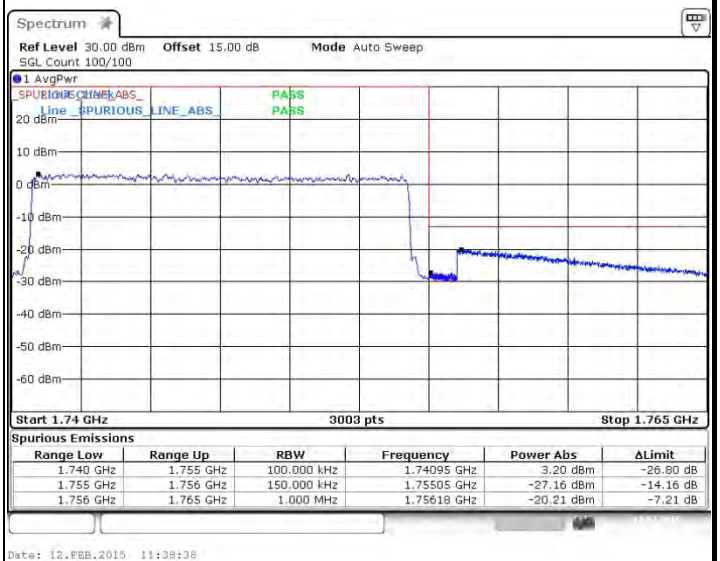
Highest Band Edge / 1 RB

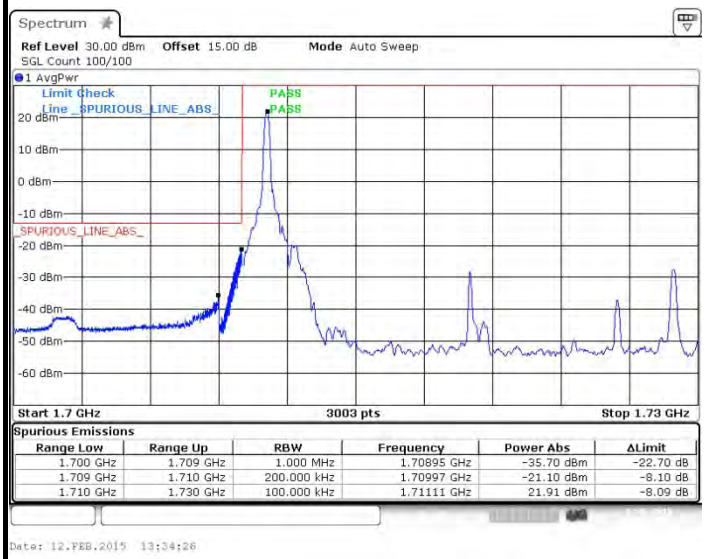
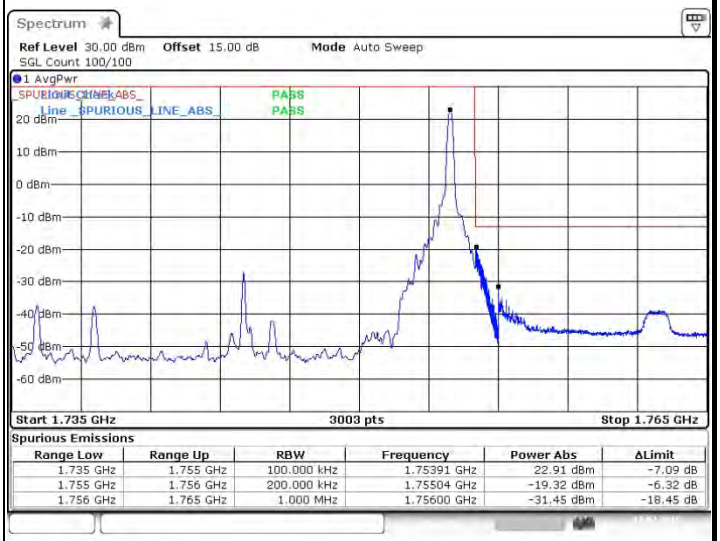
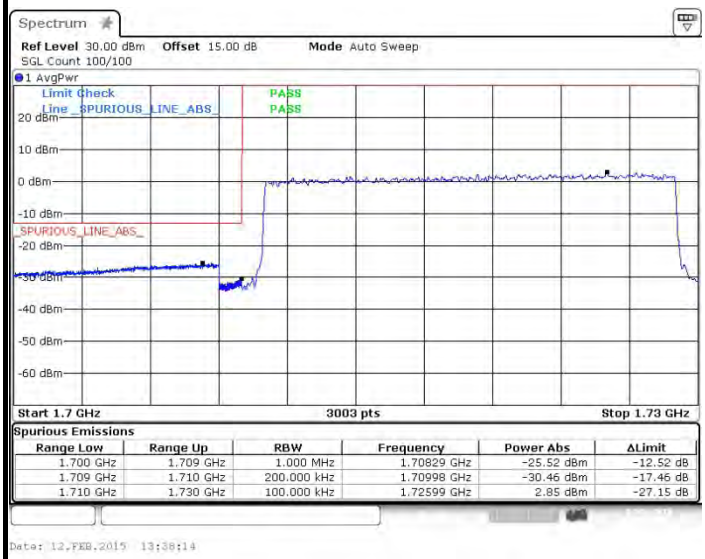
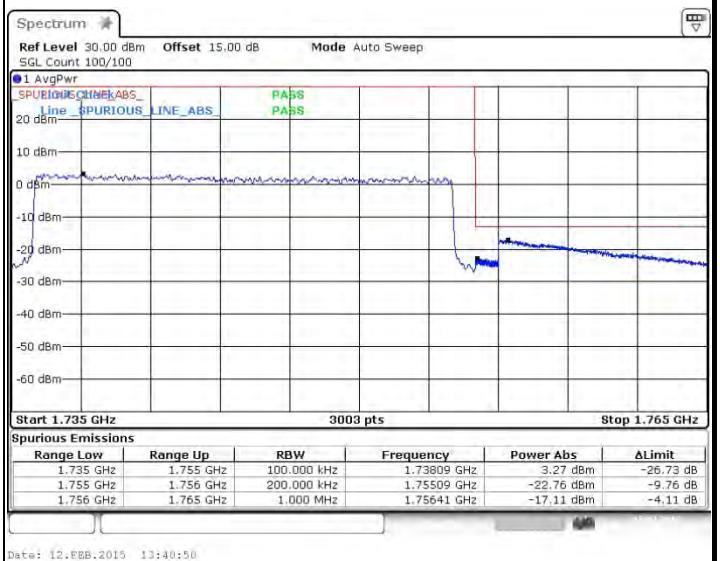


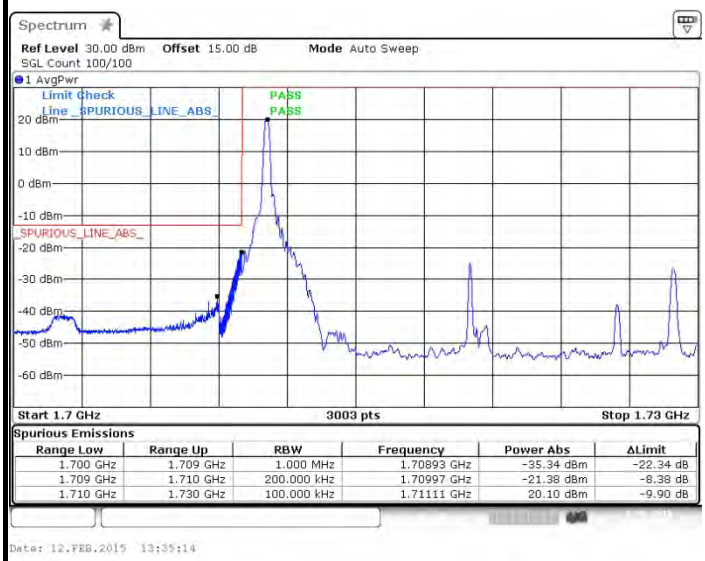
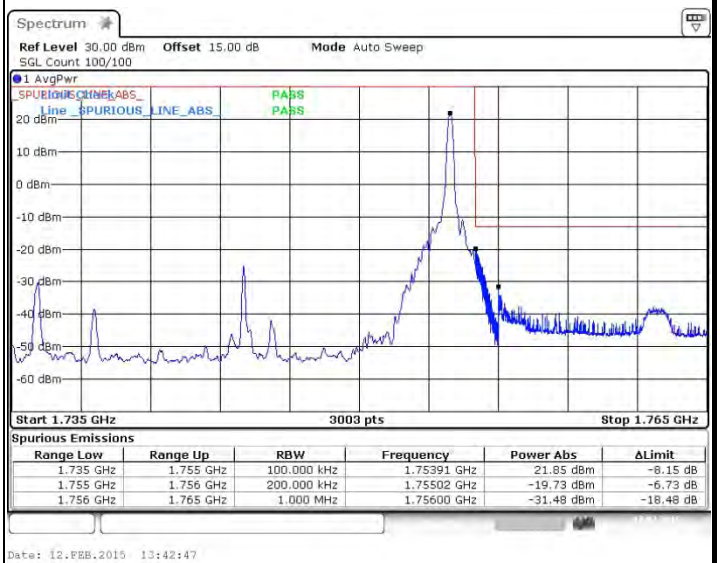
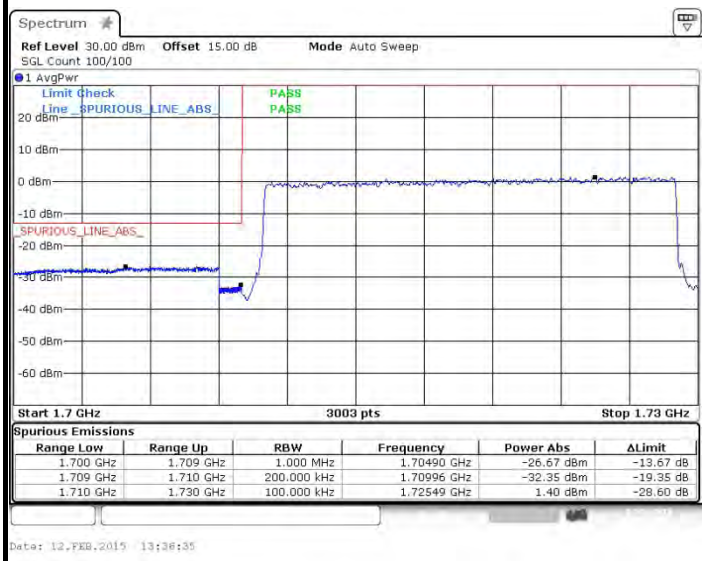
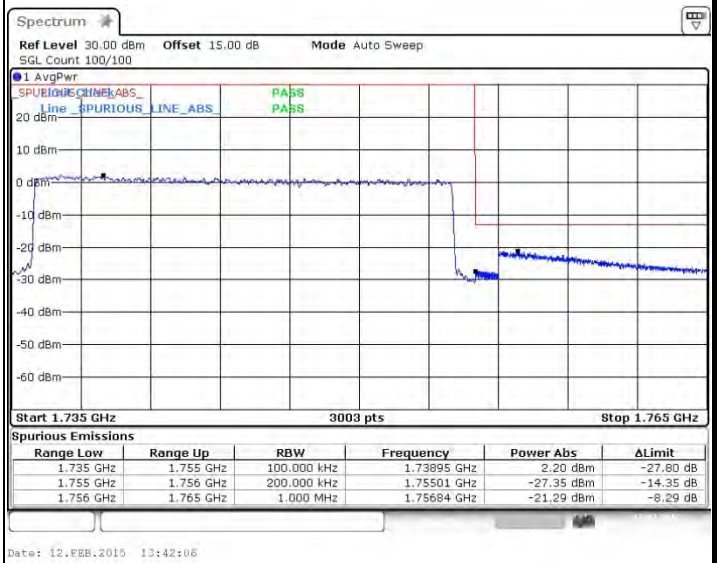
Lowest Band Edge / Full RB



Highest Band Edge / Full RB

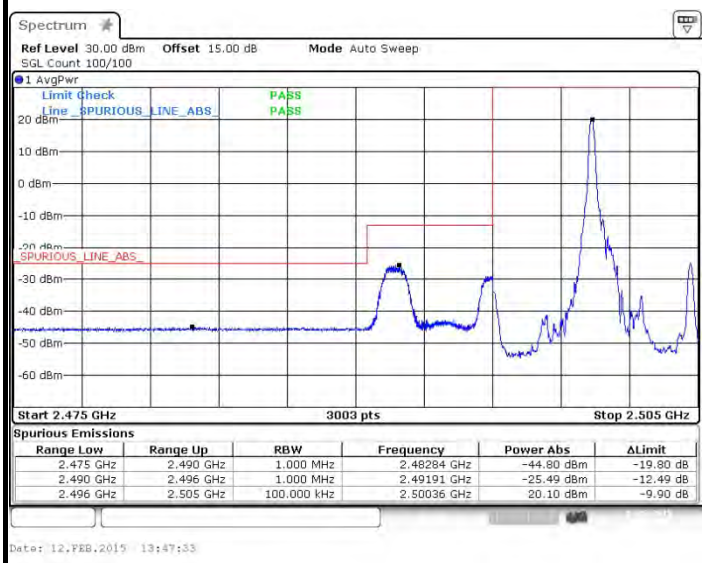


LTE Band 4 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

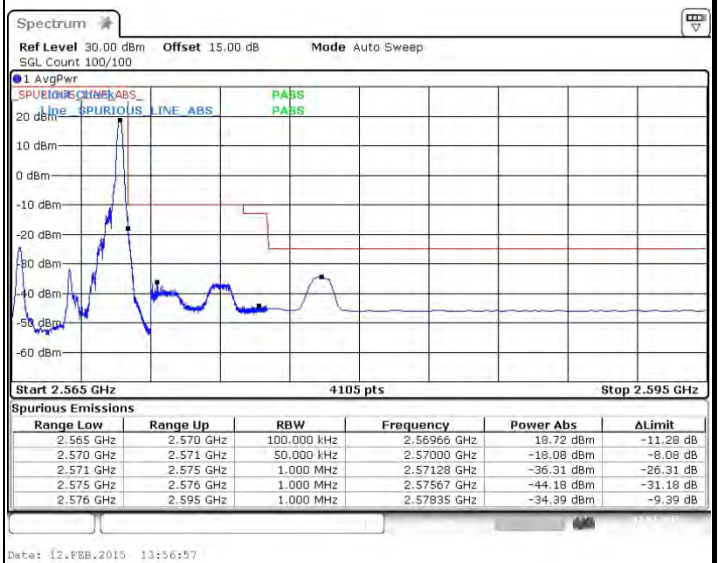
LTE Band 4 / 20MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 5MHz / QPSK

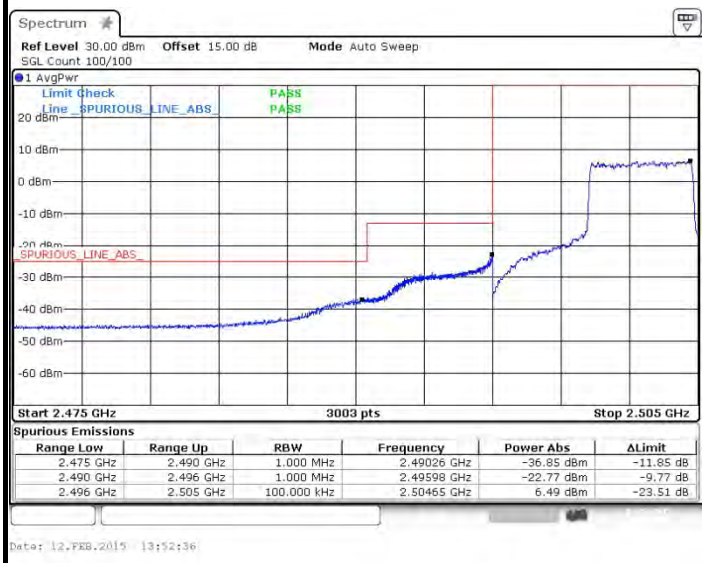
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



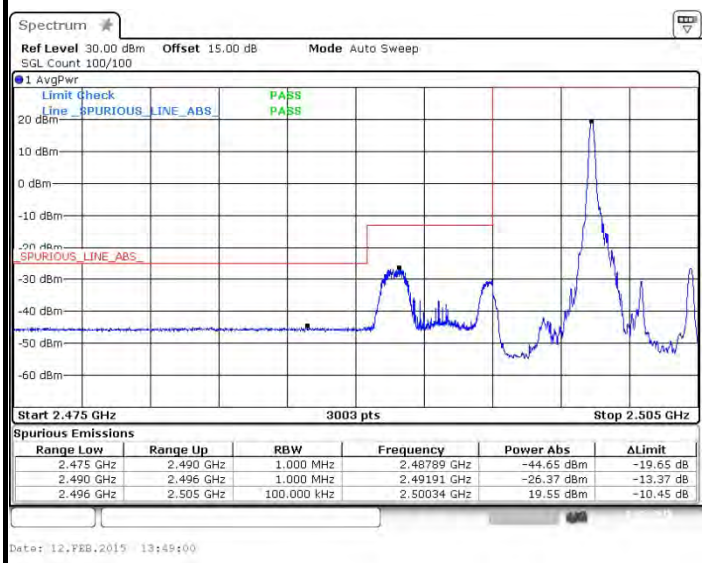
Lowest Band Edge / Full RB



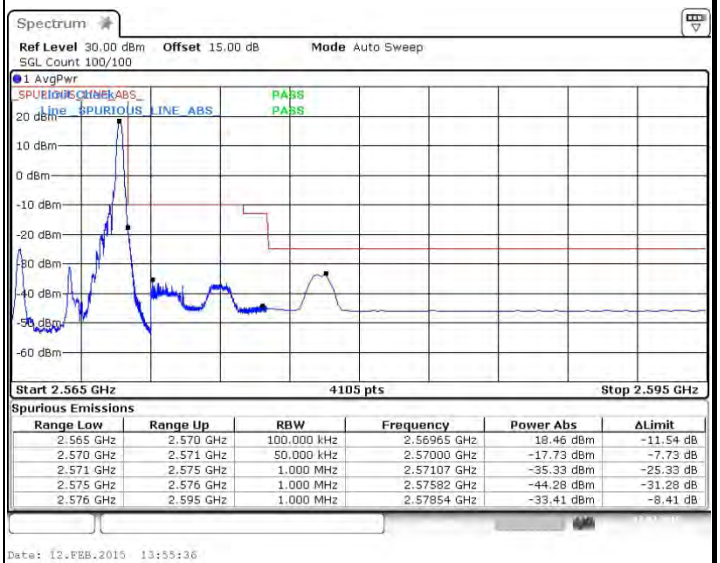
Highest Band Edge / Full RB

LTE Band 7 / 5MHz / 16QAM

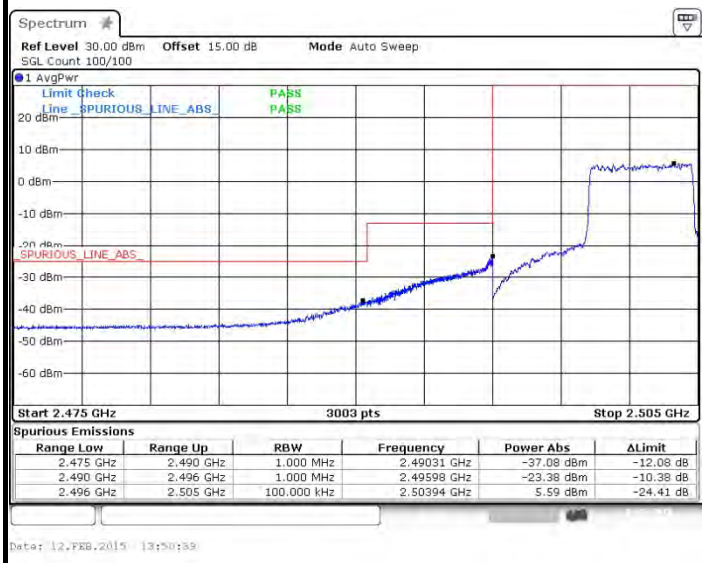
Lowest Band Edge / 1 RB



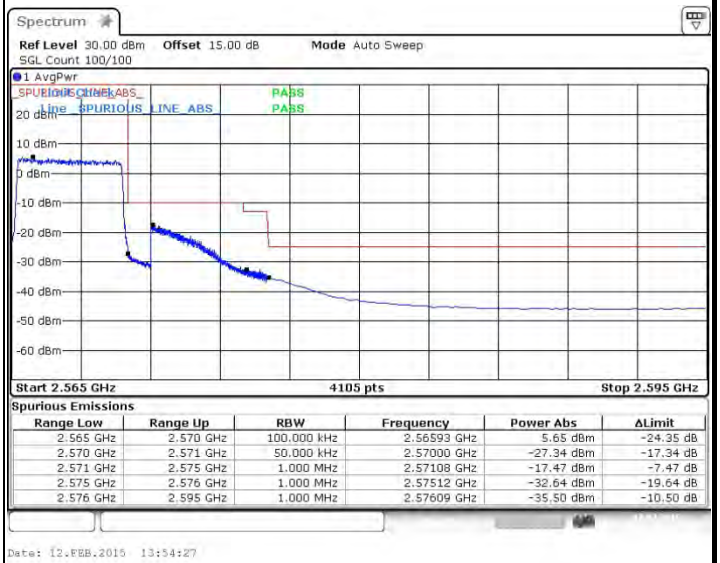
Highest Band Edge / 1 RB



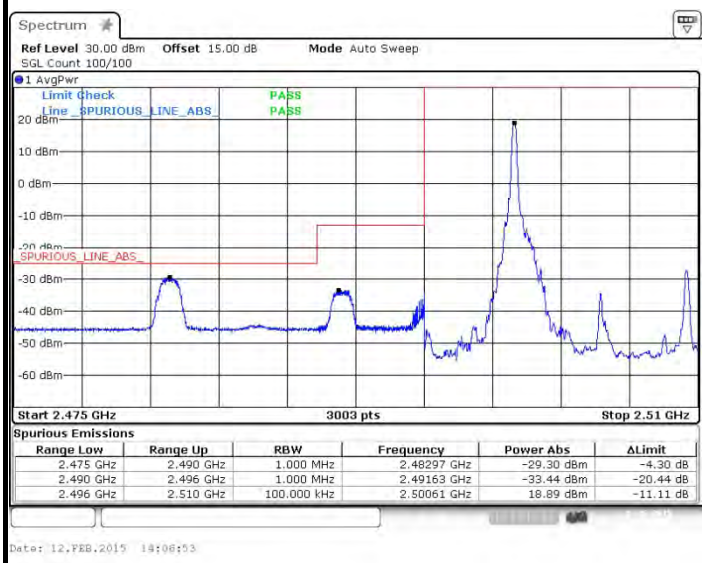
Lowest Band Edge / Full RB

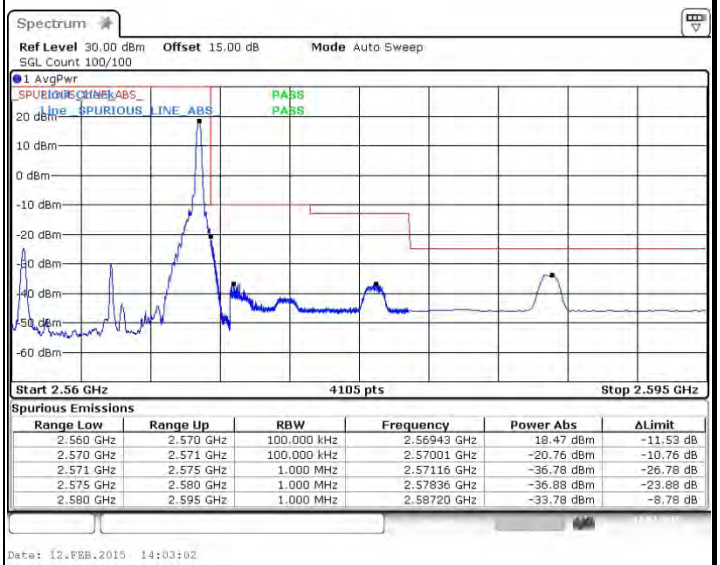


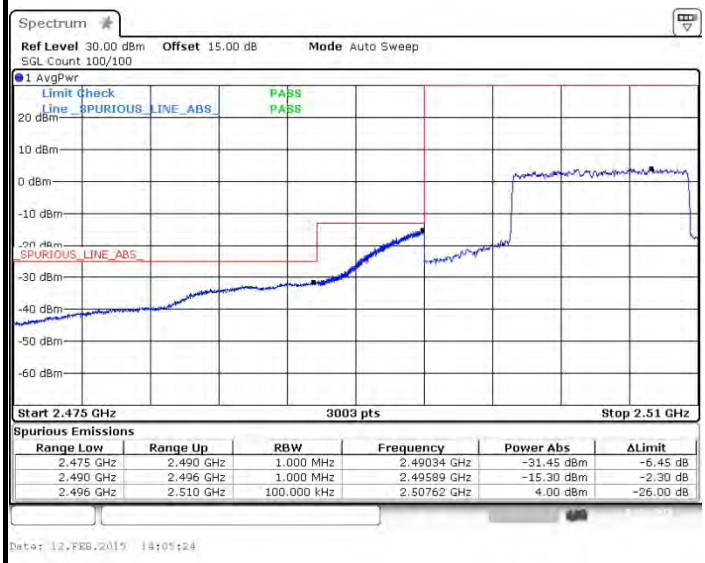
Highest Band Edge / Full RB



LTE Band 7 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

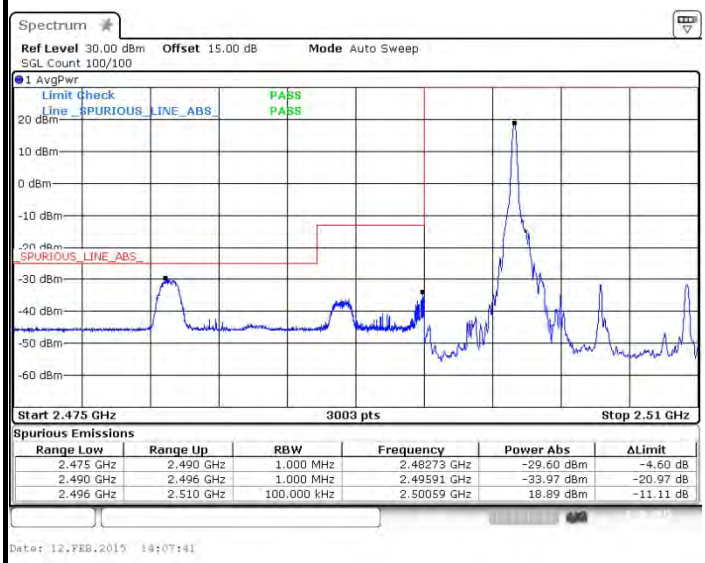




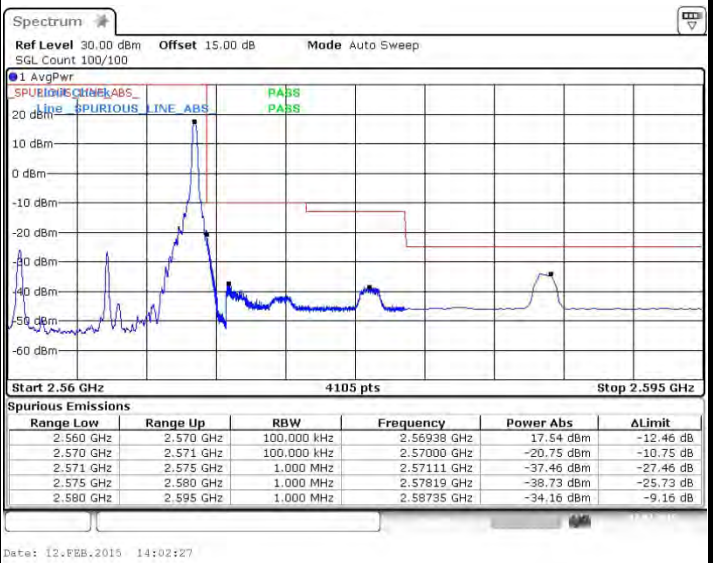


LTE Band 7 / 10MHz / 16QAM

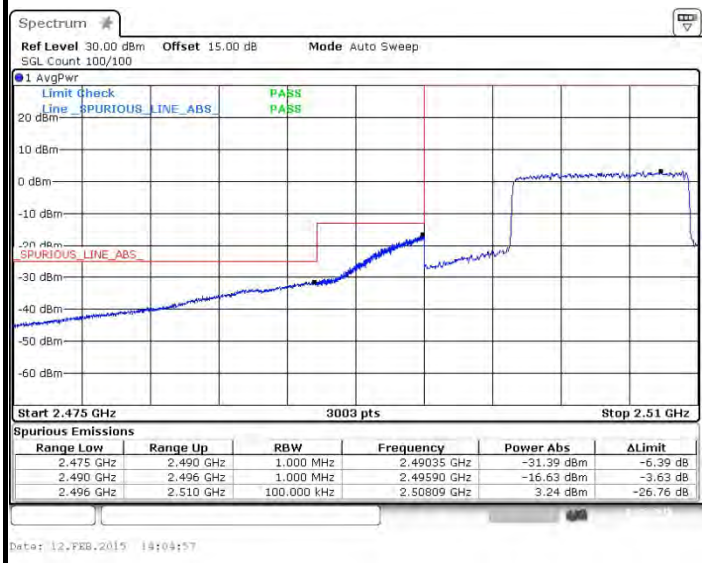
Lowest Band Edge / 1 RB



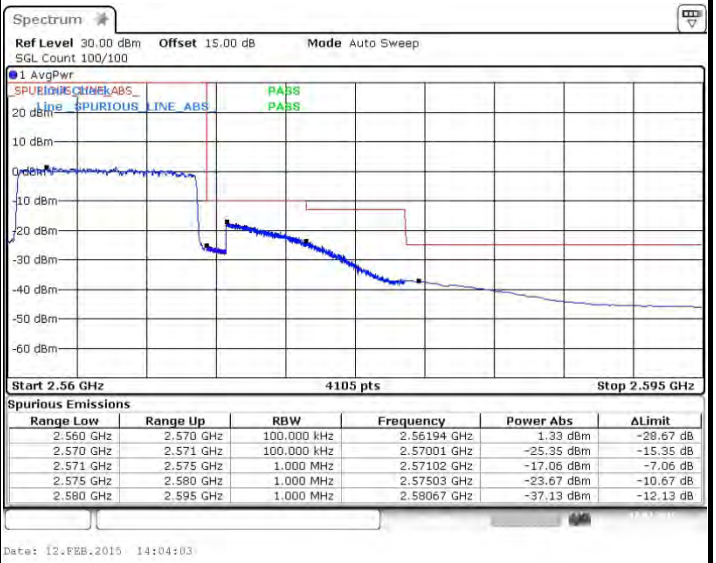
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

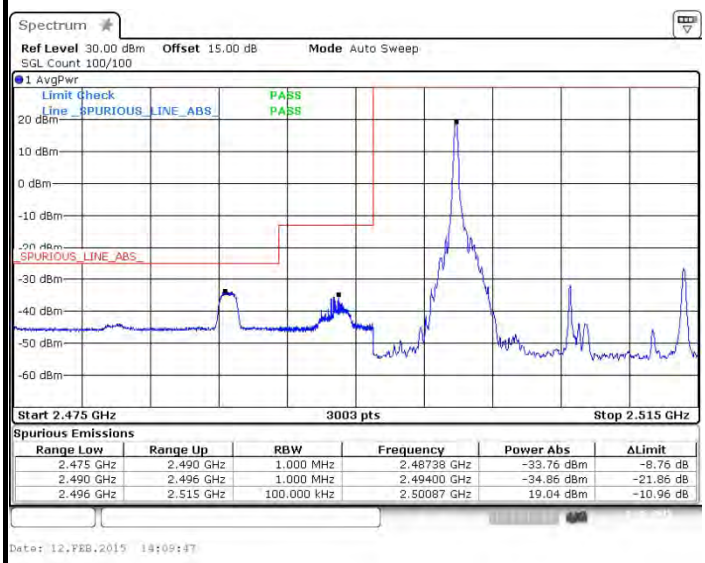


Highest Band Edge / Full RB



LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

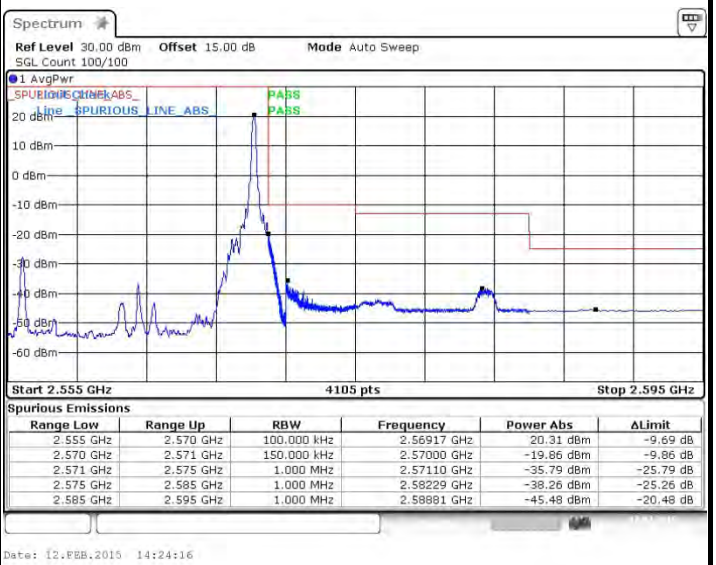


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48738 GHz	-33.76 dBm	-8.76 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49400 GHz	-34.86 dBm	-21.86 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	19.04 dBm	-10.96 dB

Date: 12.FEB.2015 14:09:47

Highest Band Edge / 1 RB

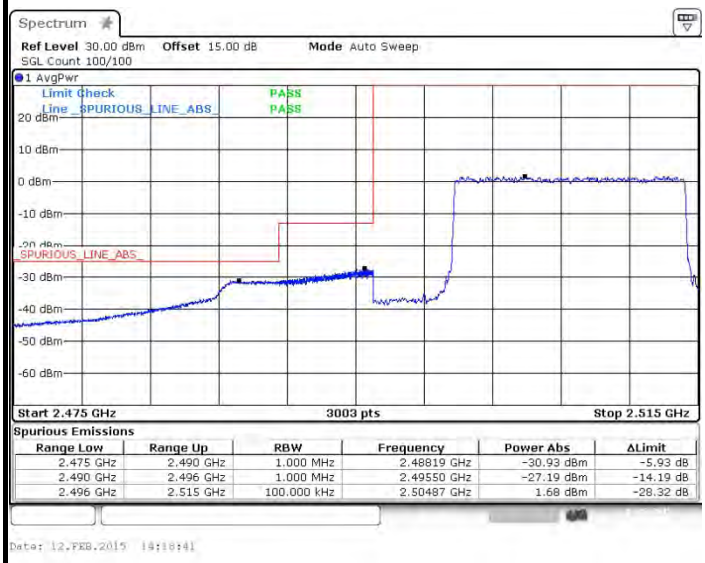


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	20.31 dBm	-9.69 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57000 GHz	-19.86 dBm	-9.86 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-35.79 dBm	-25.79 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58229 GHz	-38.26 dBm	-25.26 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58881 GHz	-45.48 dBm	-20.48 dB

Date: 12.FEB.2015 14:24:16

Lowest Band Edge / Full RB

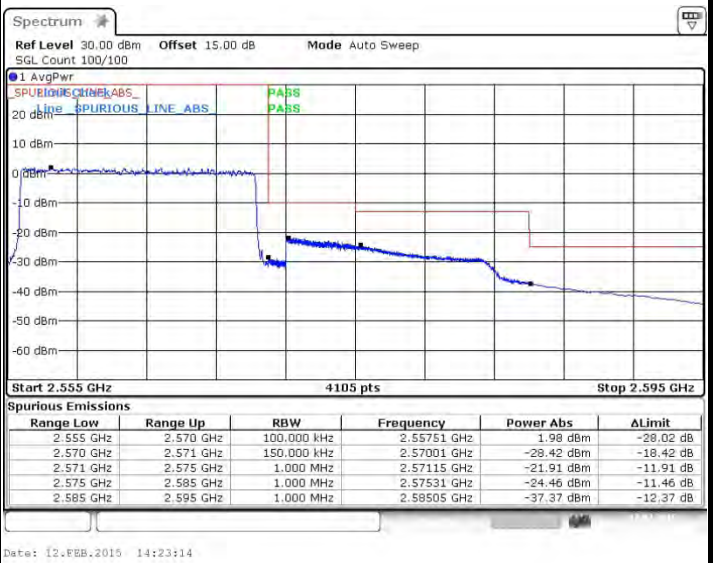


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48819 GHz	-30.93 dBm	-5.93 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49550 GHz	-27.19 dBm	-14.19 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50487 GHz	1.68 dBm	-28.32 dB

Date: 12.FEB.2015 14:10:41

Highest Band Edge / Full RB



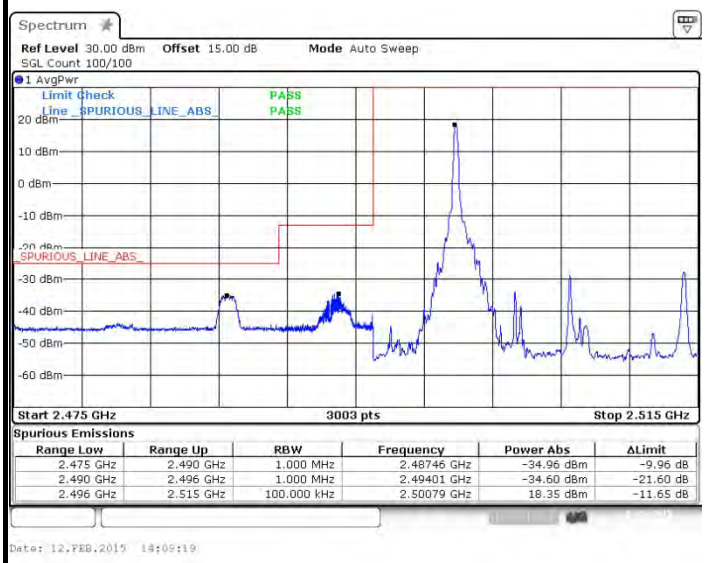
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55751 GHz	1.98 dBm	-28.02 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-28.42 dBm	-18.42 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-21.91 dBm	-11.91 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57531 GHz	-24.46 dBm	-11.46 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-37.37 dBm	-12.37 dB

Date: 12.FEB.2015 14:23:14

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

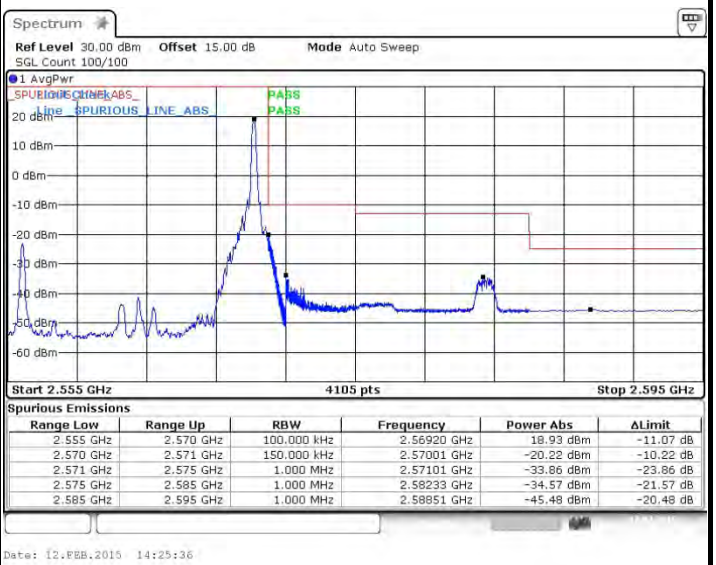


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48746 GHz	-34.96 dBm	-9.96 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49401 GHz	-34.60 dBm	-21.60 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50079 GHz	18.35 dBm	-11.65 dB

Date: 12.FEB.2015 14:09:19

Highest Band Edge / 1 RB

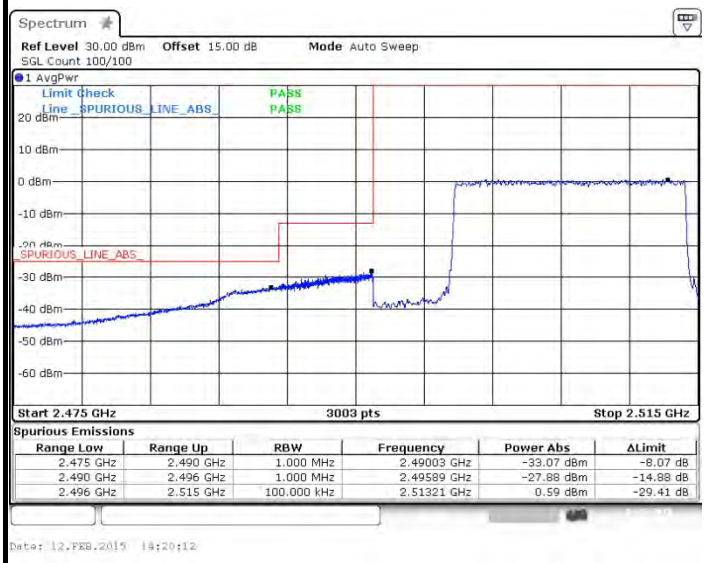


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56920 GHz	18.93 dBm	-11.07 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-20.22 dBm	-10.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-33.86 dBm	-23.86 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58233 GHz	-34.57 dBm	-21.57 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58851 GHz	-45.48 dBm	-20.48 dB

Date: 12.FEB.2015 14:25:36

Lowest Band Edge / Full RB

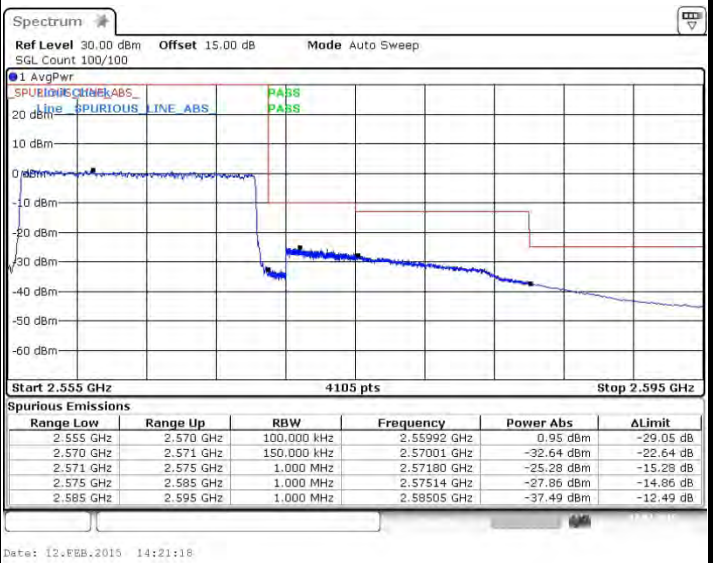


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49003 GHz	-33.07 dBm	-8.07 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-27.88 dBm	-14.88 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51321 GHz	0.59 dBm	-29.41 dB

Date: 12.FEB.2015 14:20:12

Highest Band Edge / Full RB



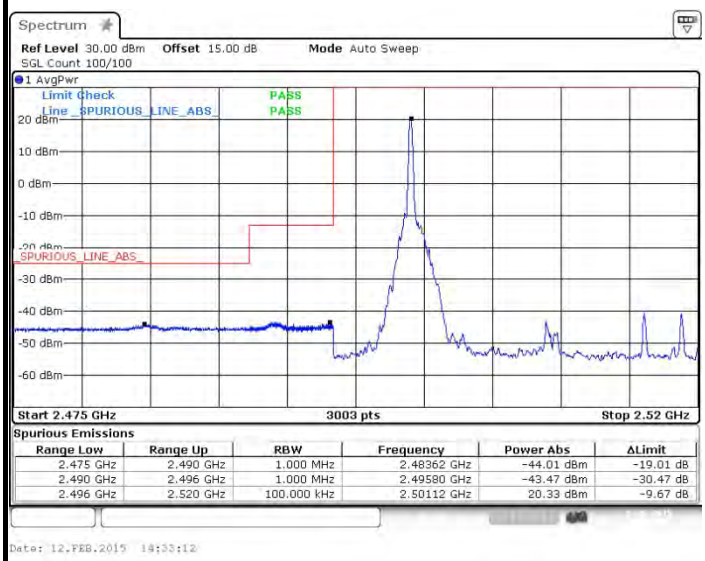
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55992 GHz	0.95 dBm	-29.05 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-32.64 dBm	-22.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57180 GHz	-25.28 dBm	-15.28 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57514 GHz	-27.86 dBm	-14.86 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-37.49 dBm	-12.49 dB

Date: 12.FEB.2015 14:21:18

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

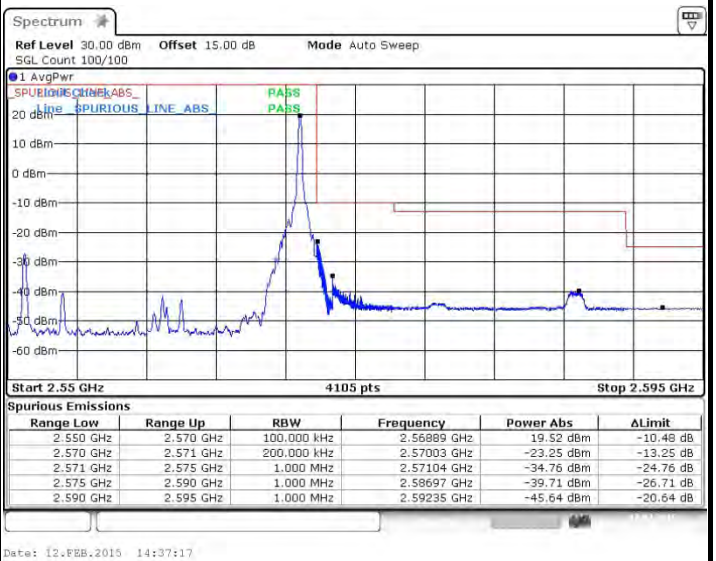


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48362 GHz	-44.01 dBm	-19.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-43.47 dBm	-30.47 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	20.33 dBm	-9.67 dB

Date: 12.FEB.2015 14:33:12

Highest Band Edge / 1 RB

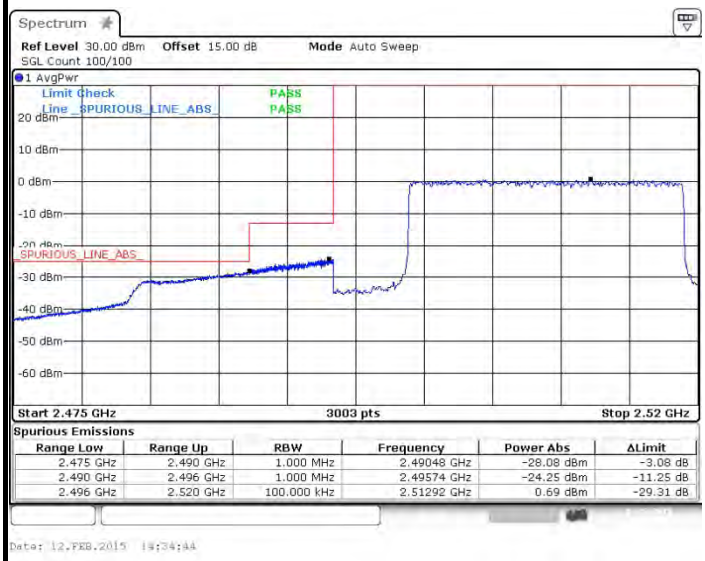


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	19.52 dBm	-10.48 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-23.25 dBm	-13.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-34.76 dBm	-24.76 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58697 GHz	-39.71 dBm	-26.71 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59235 GHz	-45.64 dBm	-20.64 dB

Date: 12.FEB.2015 14:37:17

Lowest Band Edge / Full RB

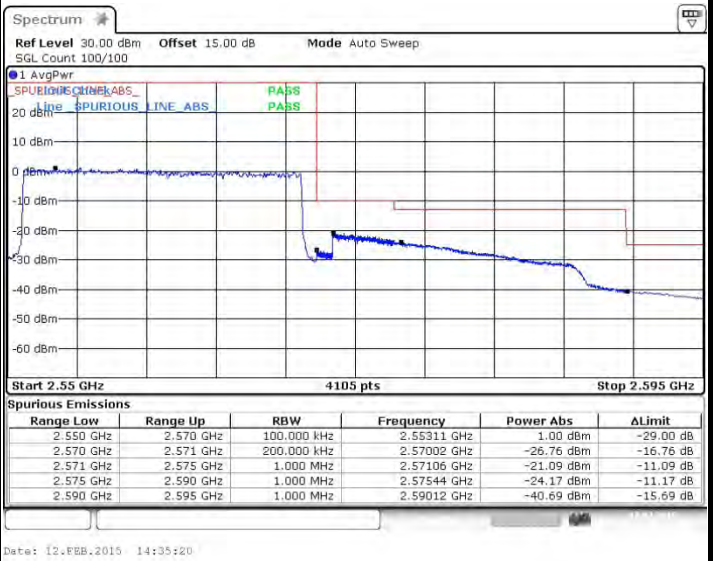


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-28.08 dBm	-3.08 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49574 GHz	-24.25 dBm	-11.25 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51292 GHz	0.69 dBm	-29.31 dB

Date: 12.FEB.2015 14:34:44

Highest Band Edge / Full RB



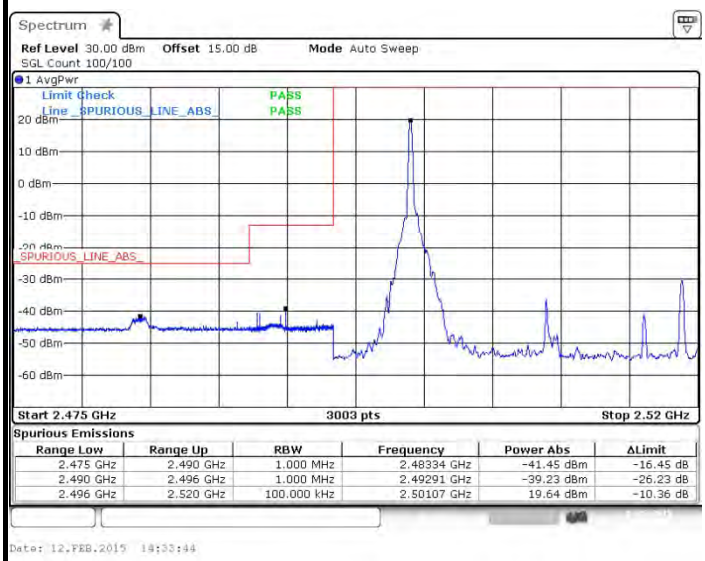
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55311 GHz	1.00 dBm	-29.00 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-26.76 dBm	-16.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-21.09 dBm	-11.09 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57544 GHz	-24.17 dBm	-11.17 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59012 GHz	-40.69 dBm	-15.69 dB

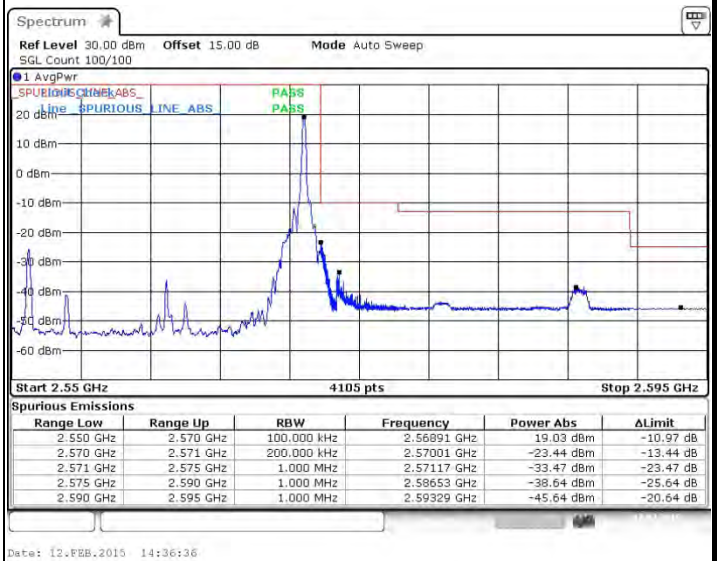
Date: 12.FEB.2015 14:35:20

LTE Band 7 / 20MHz / 16QAM

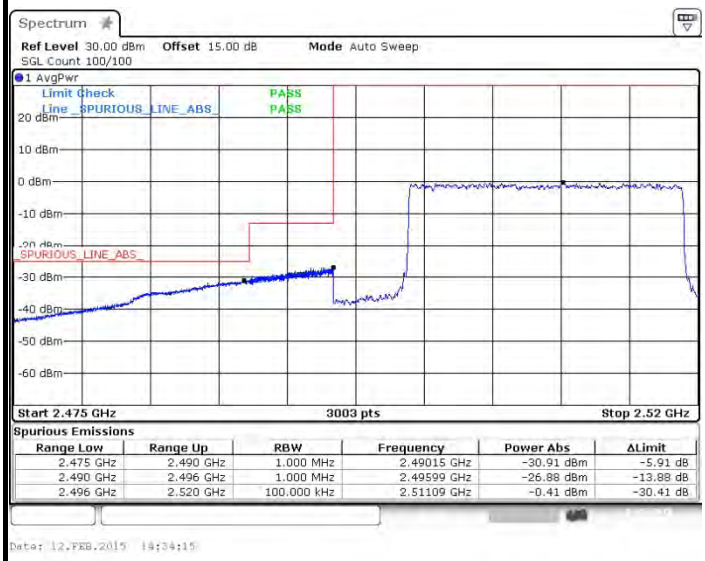
Lowest Band Edge /1 RB



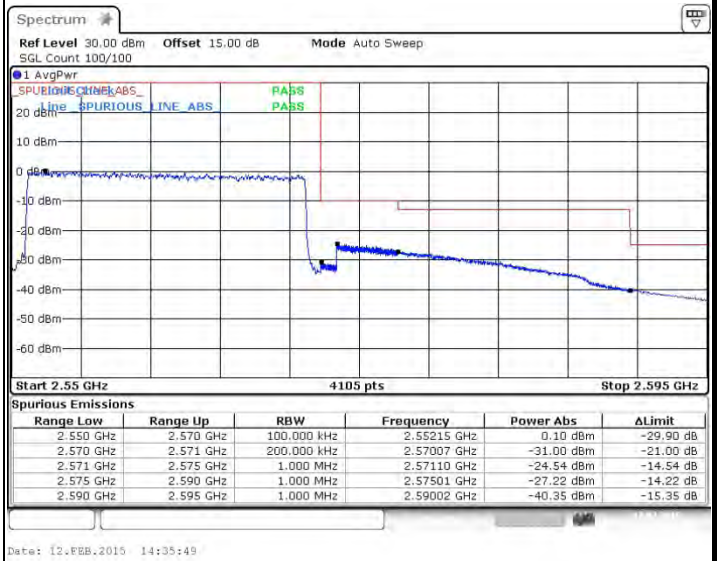
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



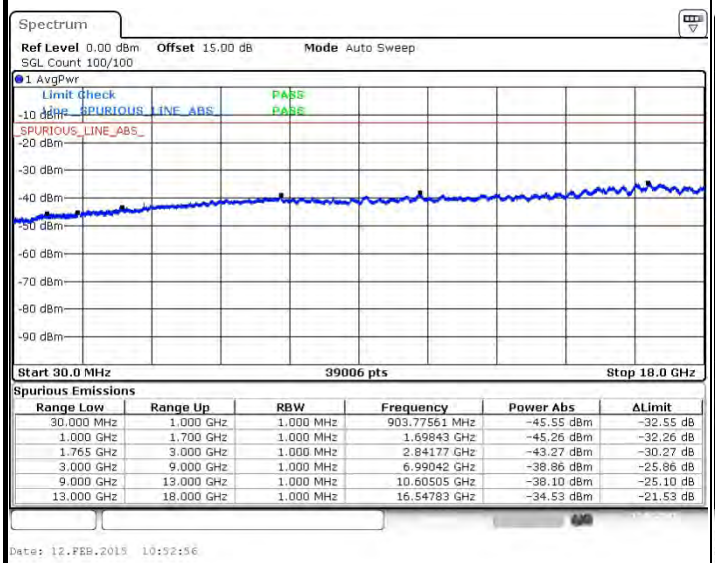
Highest Band Edge / Full RB



Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

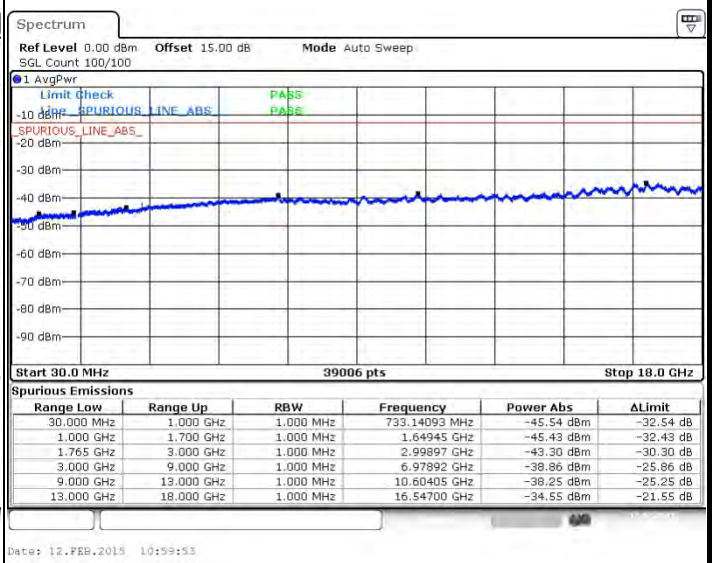


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.77561 MHz	-45.55 dBm	-32.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-45.26 dBm	-32.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84177 GHz	-43.27 dBm	-30.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-38.86 dBm	-25.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60505 GHz	-38.10 dBm	-25.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54783 GHz	-34.53 dBm	-21.53 dB

Date: 12.FEB.2015 10:52:56

Lowest Channel / 16QAM

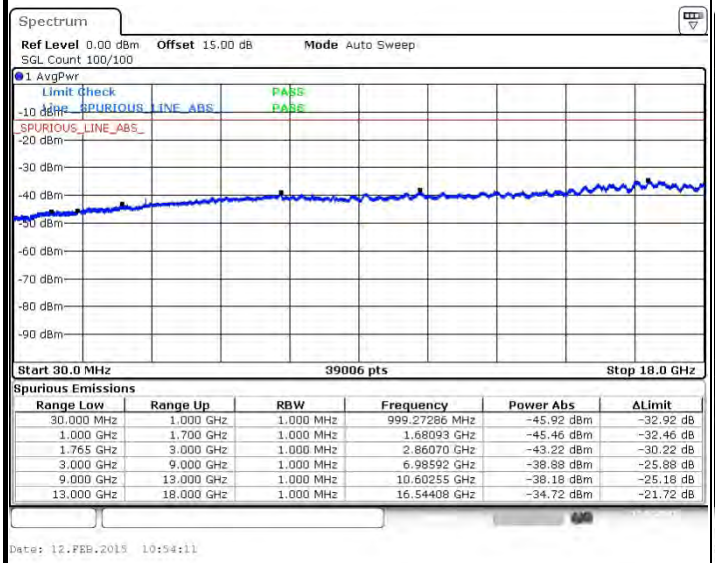


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	733.14093 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64945 GHz	-45.43 dBm	-32.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99897 GHz	-43.30 dBm	-30.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-38.86 dBm	-25.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60405 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54700 GHz	-34.55 dBm	-21.55 dB

Date: 12.FEB.2015 10:59:53

Middle Channel / QPSK

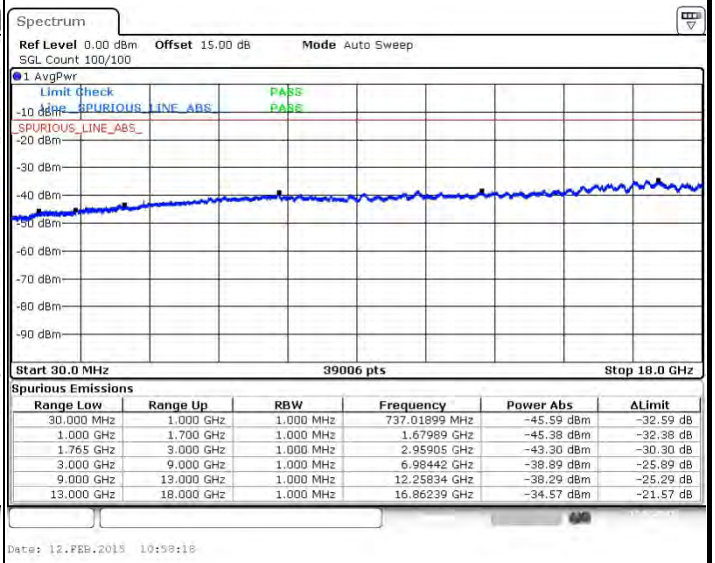


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-45.92 dBm	-32.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68093 GHz	-45.46 dBm	-32.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86070 GHz	-43.22 dBm	-30.22 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-38.88 dBm	-25.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60255 GHz	-38.18 dBm	-25.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54408 GHz	-34.72 dBm	-21.72 dB

Date: 12.FEB.2015 10:54:11

Middle Channel / 16QAM



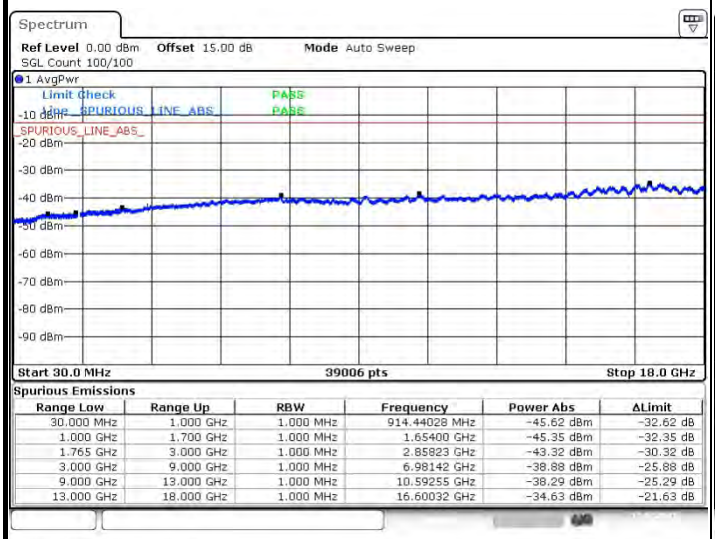
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	737.01899 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-45.38 dBm	-32.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95905 GHz	-43.30 dBm	-30.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98442 GHz	-38.89 dBm	-25.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.25834 GHz	-38.29 dBm	-25.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.86239 GHz	-34.57 dBm	-21.57 dB

Date: 12.FEB.2015 10:58:18

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

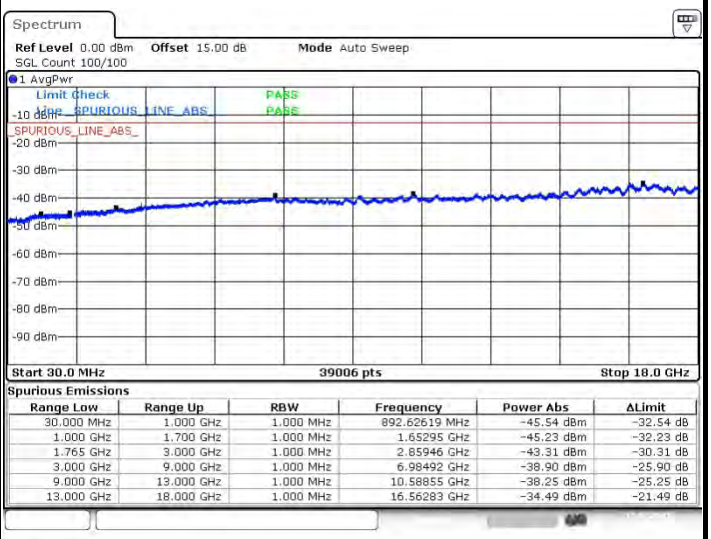


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65400 GHz	-45.35 dBm	-32.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85823 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98142 GHz	-38.88 dBm	-25.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59255 GHz	-38.29 dBm	-25.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60032 GHz	-34.63 dBm	-21.63 dB

Date: 12.FEB.2015 10:55:02

Highest Channel / 16QAM



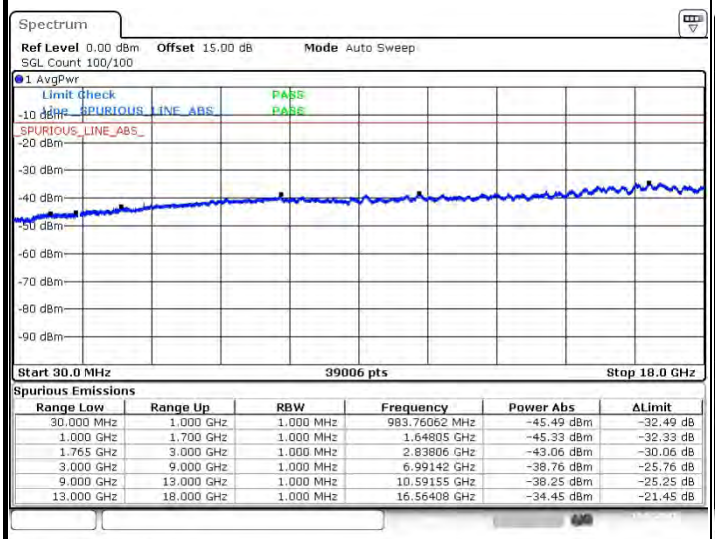
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65295 GHz	-45.23 dBm	-32.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85946 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98492 GHz	-38.90 dBm	-25.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58855 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56283 GHz	-34.49 dBm	-21.49 dB

Date: 12.FEB.2015 10:56:19

LTE Band 4 / 3MHz

Lowest Channel / QPSK

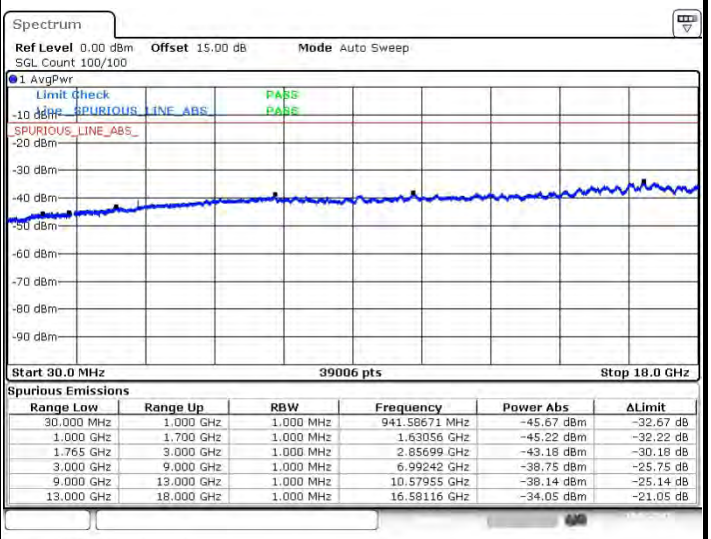


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-45.49 dBm	-32.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64805 GHz	-45.33 dBm	-32.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83806 GHz	-43.06 dBm	-30.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-38.76 dBm	-25.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59155 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56408 GHz	-34.45 dBm	-21.45 dB

Date: 10.FEB.2015 01:30:42

Lowest Channel / 16QAM



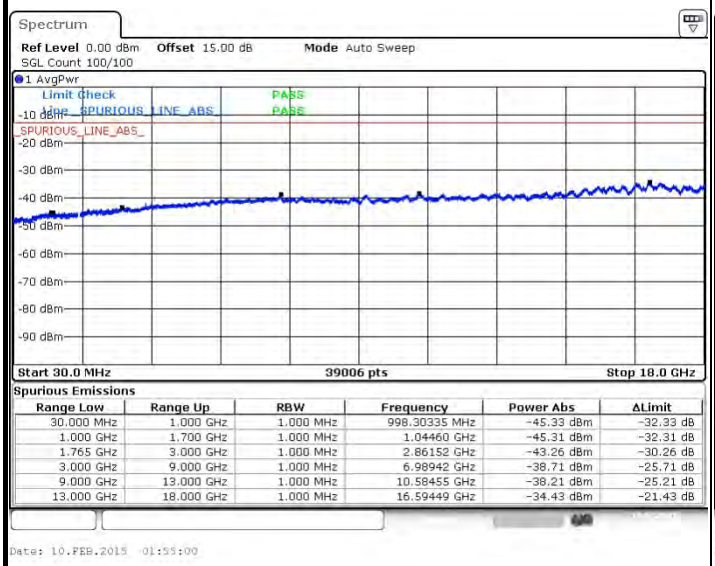
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.58671 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63056 GHz	-45.22 dBm	-32.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85699 GHz	-43.18 dBm	-30.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-38.75 dBm	-25.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57955 GHz	-38.14 dBm	-25.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58116 GHz	-34.05 dBm	-21.05 dB

Date: 10.FEB.2015 01:32:01

LTE Band 4 / 3MHz

Middle Channel / QPSK

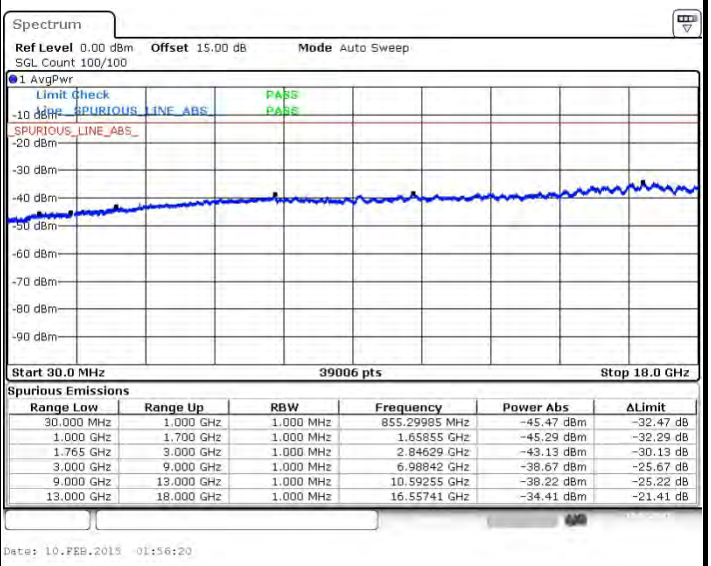


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-45.33 dBm	-32.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.04460 GHz	-45.31 dBm	-32.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86152 GHz	-43.26 dBm	-30.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-38.71 dBm	-25.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58455 GHz	-38.21 dBm	-25.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59449 GHz	-34.43 dBm	-21.43 dB

Date: 10.FEB.2015 01:55:00

Middle Channel / 16QAM

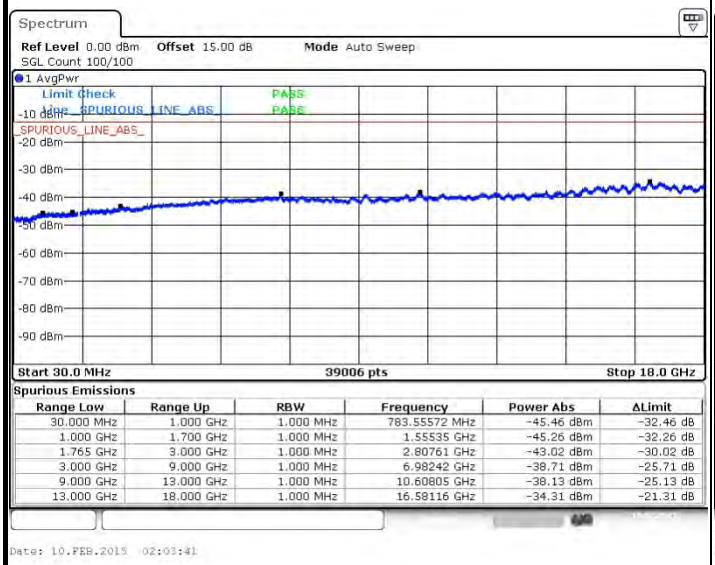


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.29995 MHz	-45.47 dBm	-32.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65855 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84629 GHz	-43.13 dBm	-30.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-38.67 dBm	-25.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59255 GHz	-38.22 dBm	-25.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55741 GHz	-34.41 dBm	-21.41 dB

Date: 10.FEB.2015 01:56:20

Highest Channel / QPSK

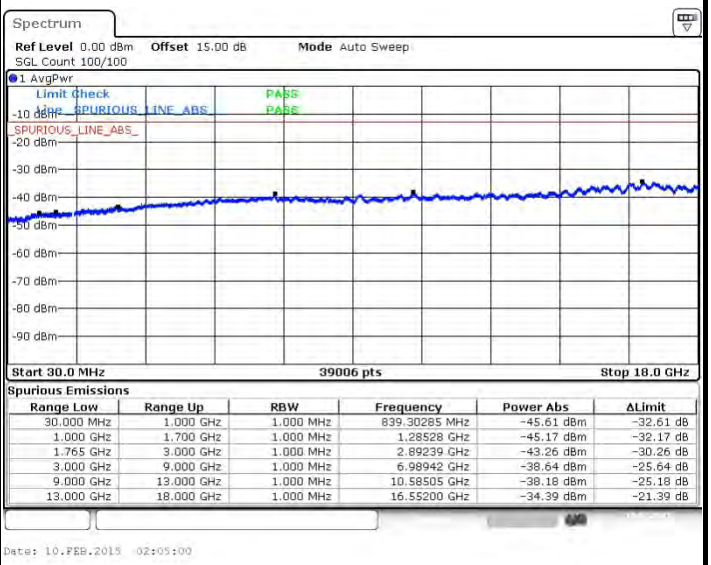


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	783.55572 MHz	-45.46 dBm	-32.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55535 GHz	-45.26 dBm	-32.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80761 GHz	-43.02 dBm	-30.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98242 GHz	-38.71 dBm	-25.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60805 GHz	-38.13 dBm	-25.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58116 GHz	-34.31 dBm	-21.31 dB

Date: 10.FEB.2015 02:03:41

Highest Channel / 16QAM



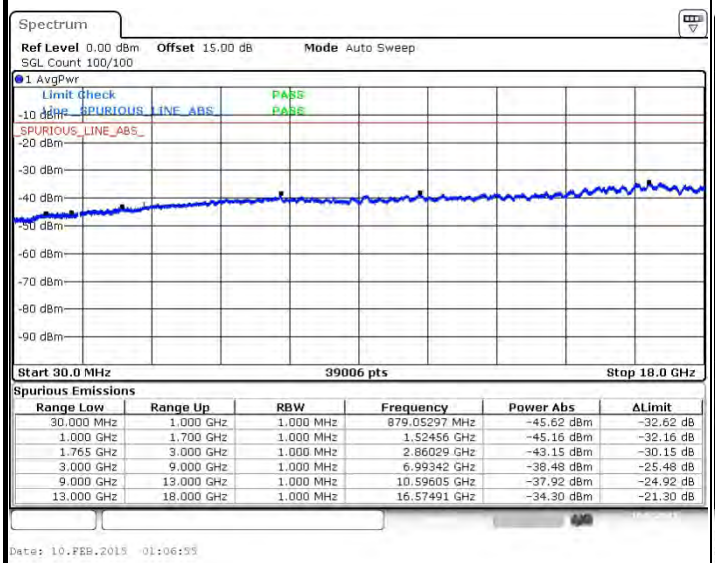
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	839.30285 MHz	-45.61 dBm	-32.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.28528 GHz	-45.17 dBm	-32.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.89239 GHz	-43.26 dBm	-30.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-38.64 dBm	-25.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58505 GHz	-38.18 dBm	-25.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55200 GHz	-34.39 dBm	-21.39 dB

Date: 10.FEB.2015 02:05:00

LTE Band 4 / 5MHz

Lowest Channel / QPSK

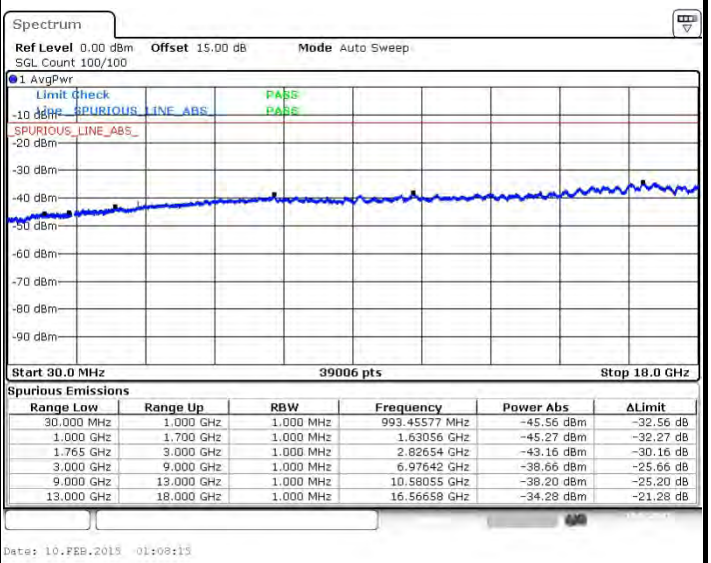


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.52456 GHz	-45.16 dBm	-32.16 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86029 GHz	-43.15 dBm	-30.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-38.48 dBm	-25.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59605 GHz	-37.92 dBm	-24.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57491 GHz	-34.30 dBm	-21.30 dB

Date: 10.FEB.2015 01:06:55

Lowest Channel / 16QAM

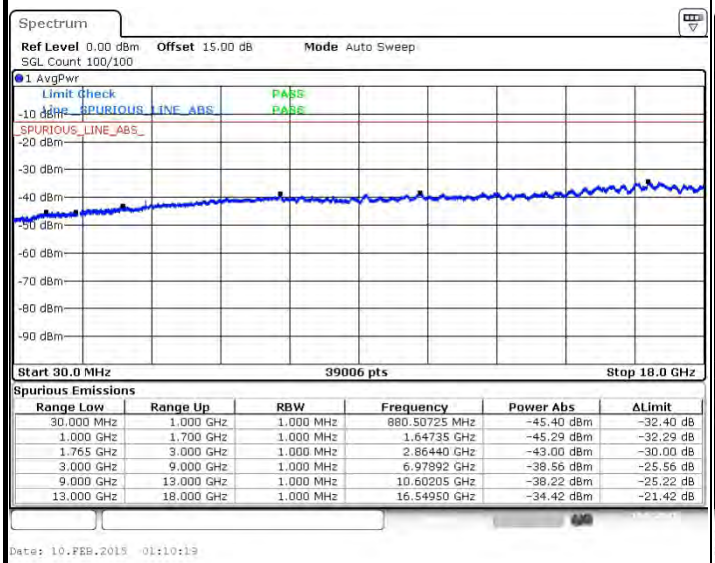


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.56 dBm	-32.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63056 GHz	-45.27 dBm	-32.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82654 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97642 GHz	-38.66 dBm	-25.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58055 GHz	-38.20 dBm	-25.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56658 GHz	-34.28 dBm	-21.28 dB

Date: 10.FEB.2015 01:08:15

Middle Channel / QPSK

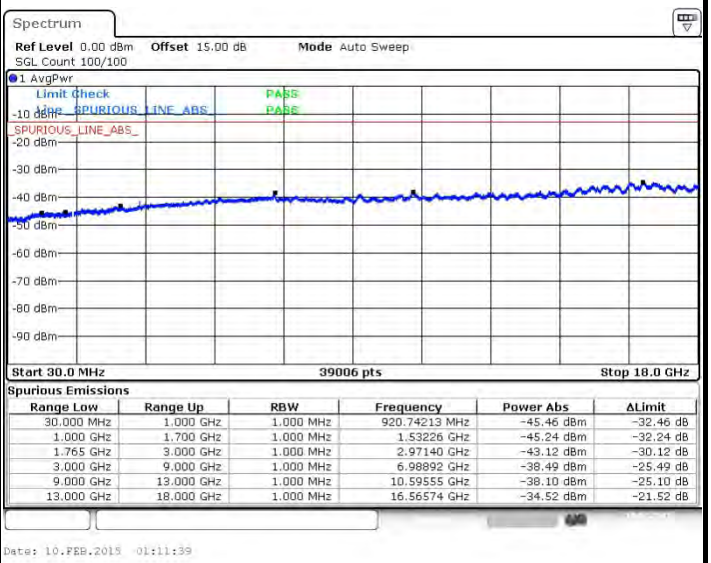


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-45.40 dBm	-32.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64735 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86440 GHz	-43.00 dBm	-30.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-38.56 dBm	-25.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60205 GHz	-38.22 dBm	-25.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54950 GHz	-34.42 dBm	-21.42 dB

Date: 10.FEB.2015 01:10:19

Middle Channel / 16QAM



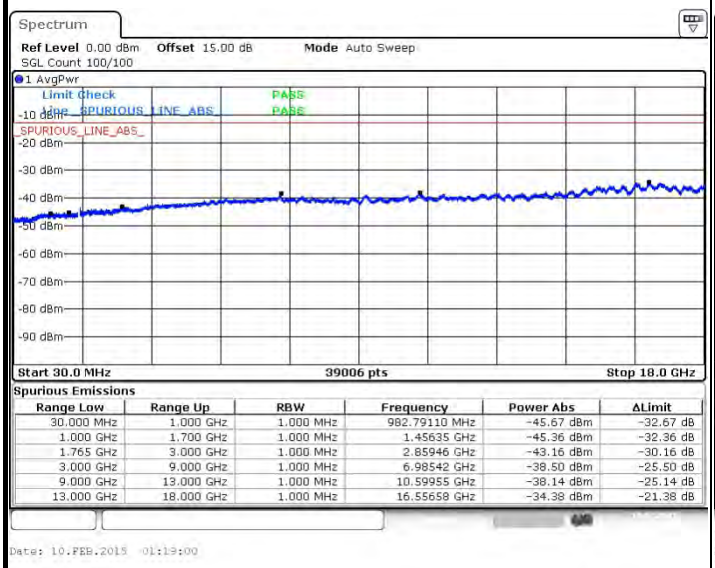
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-45.46 dBm	-32.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.53226 GHz	-45.24 dBm	-32.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97140 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-38.49 dBm	-25.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59555 GHz	-38.10 dBm	-25.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56574 GHz	-34.52 dBm	-21.52 dB

Date: 10.FEB.2015 01:11:39

LTE Band 4 / 5MHz

Highest Channel / QPSK

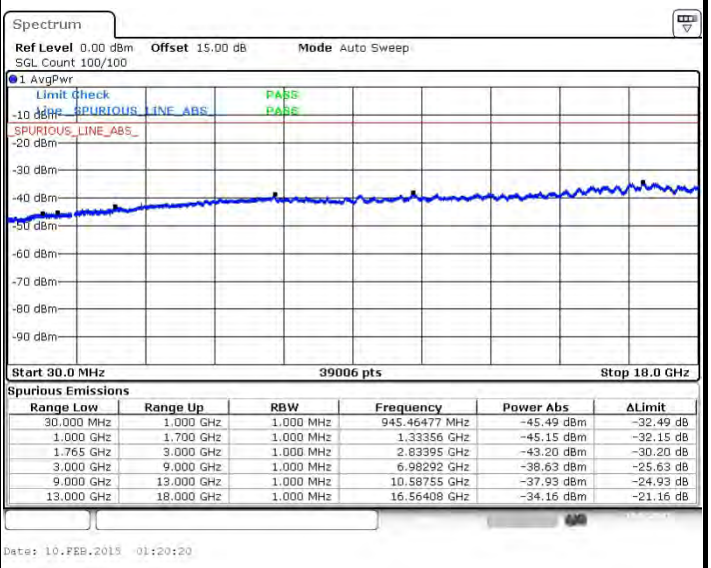


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45635 GHz	-45.36 dBm	-32.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85946 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-38.50 dBm	-25.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59955 GHz	-38.14 dBm	-25.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55658 GHz	-34.38 dBm	-21.38 dB

Date: 10.FEB.2015 01:19:00

Highest Channel / 16QAM



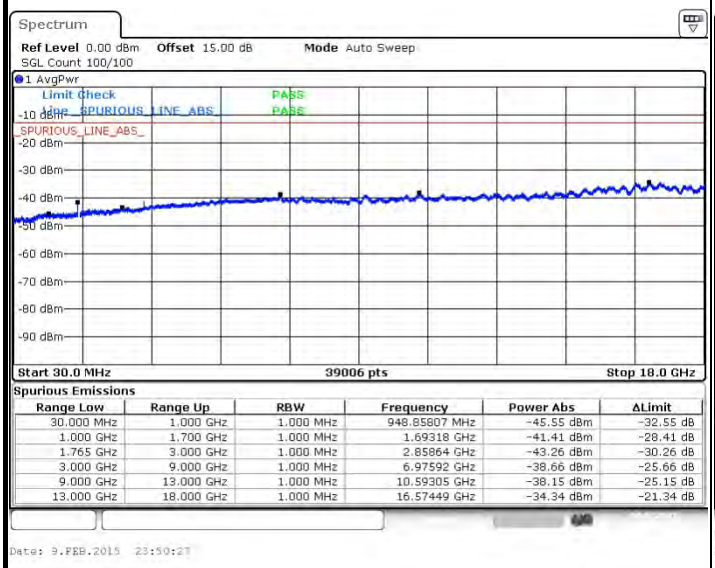
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	945.46477 MHz	-45.49 dBm	-32.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33356 GHz	-45.15 dBm	-32.15 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83395 GHz	-43.20 dBm	-30.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98292 GHz	-38.63 dBm	-25.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58755 GHz	-37.93 dBm	-24.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56408 GHz	-34.16 dBm	-21.16 dB

Date: 10.FEB.2015 01:20:20

LTE Band 4 / 10MHz

Lowest Channel / QPSK

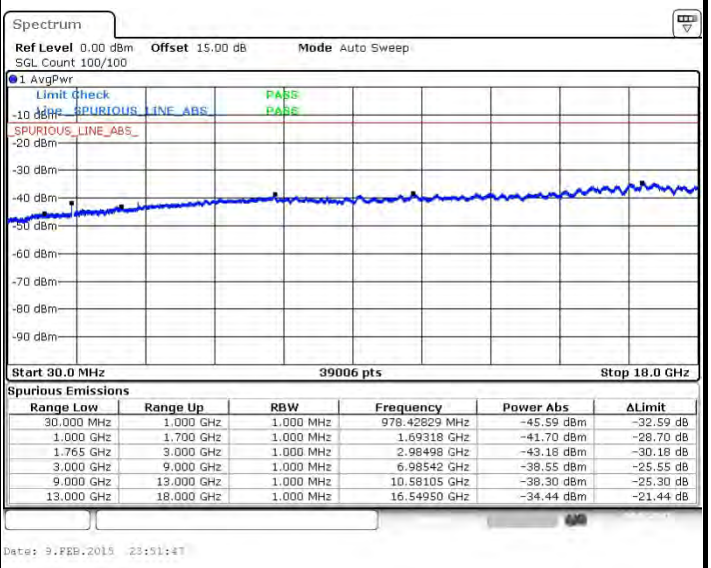


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-45.55 dBm	-32.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-41.41 dBm	-28.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85864 GHz	-43.26 dBm	-30.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97592 GHz	-38.66 dBm	-25.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59305 GHz	-38.15 dBm	-25.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57449 GHz	-34.34 dBm	-21.34 dB

Date: 9.FEB.2015 23:50:27

Lowest Channel / 16QAM



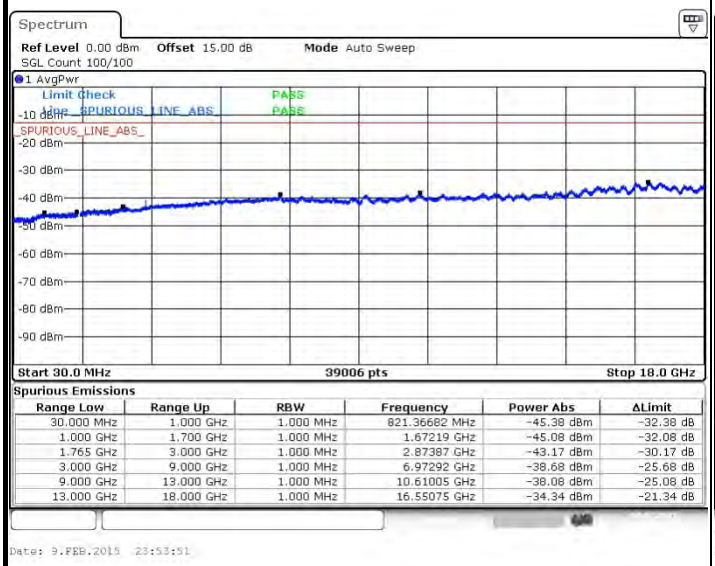
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-41.70 dBm	-28.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98498 GHz	-43.18 dBm	-30.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-38.55 dBm	-25.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58105 GHz	-38.30 dBm	-25.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54950 GHz	-34.44 dBm	-21.44 dB

Date: 9.FEB.2015 23:51:47

LTE Band 4 / 10MHz

Middle Channel / QPSK

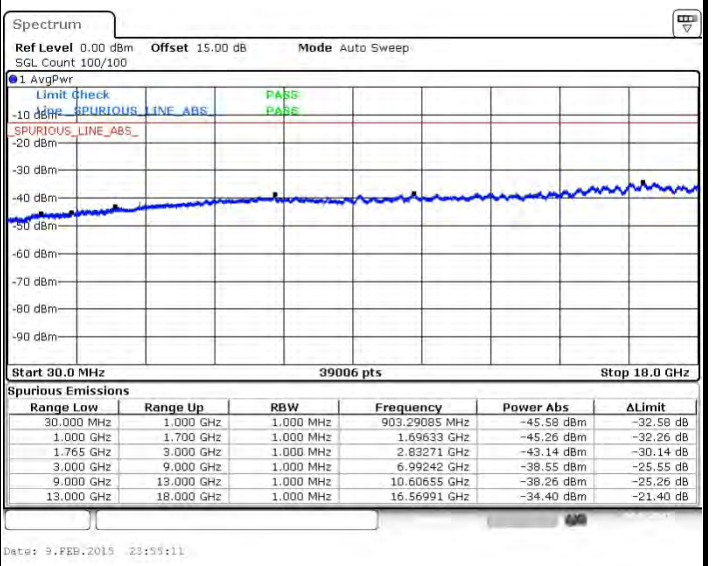


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	821.36682 MHz	-45.38 dBm	-32.38 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67219 GHz	-45.08 dBm	-32.08 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87387 GHz	-43.17 dBm	-30.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97292 GHz	-38.68 dBm	-25.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61005 GHz	-38.08 dBm	-25.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55075 GHz	-34.34 dBm	-21.34 dB

Date: 9.FEB.2015 23:53:51

Middle Channel / 16QAM

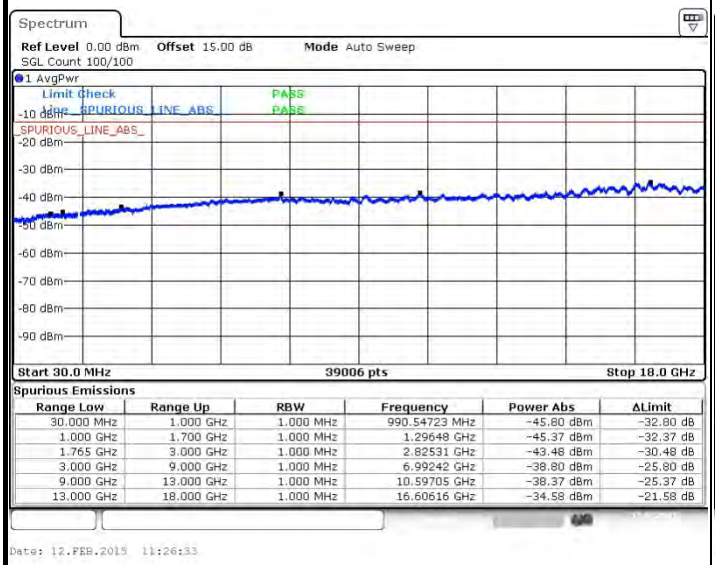


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-45.26 dBm	-32.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83271 GHz	-43.14 dBm	-30.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-38.55 dBm	-25.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60655 GHz	-38.26 dBm	-25.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56991 GHz	-34.40 dBm	-21.40 dB

Date: 9.FEB.2015 23:55:11

Highest Channel / QPSK

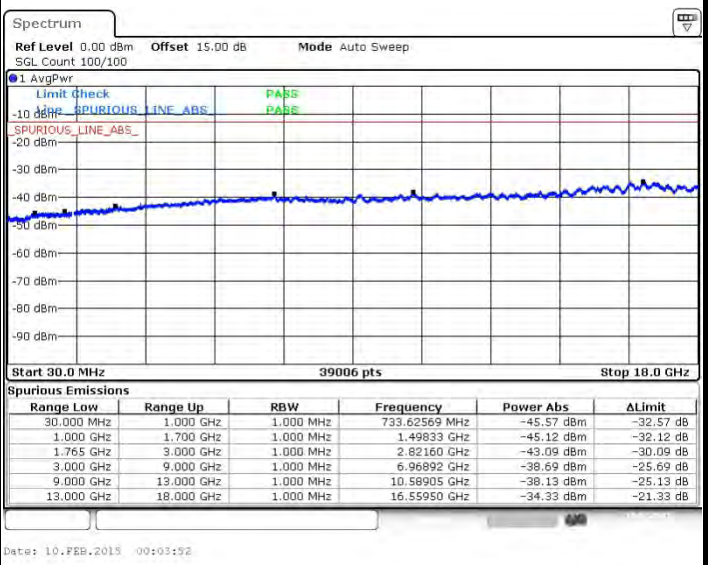


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.54723 MHz	-45.80 dBm	-32.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.29648 GHz	-45.37 dBm	-32.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82531 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-38.80 dBm	-25.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59705 GHz	-38.37 dBm	-25.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60616 GHz	-34.58 dBm	-21.58 dB

Date: 12.FEB.2015 11:26:33

Highest Channel / 16QAM



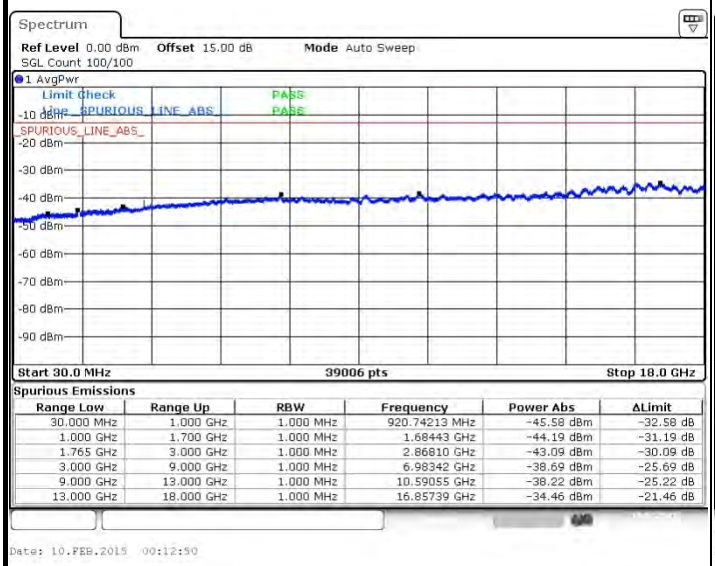
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	733.62569 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.49833 GHz	-45.12 dBm	-32.12 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82160 GHz	-43.09 dBm	-30.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96892 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58905 GHz	-38.13 dBm	-25.13 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55950 GHz	-34.33 dBm	-21.33 dB

Date: 10.FEB.2015 00:03:52

LTE Band 4 / 15MHz

Lowest Channel / QPSK

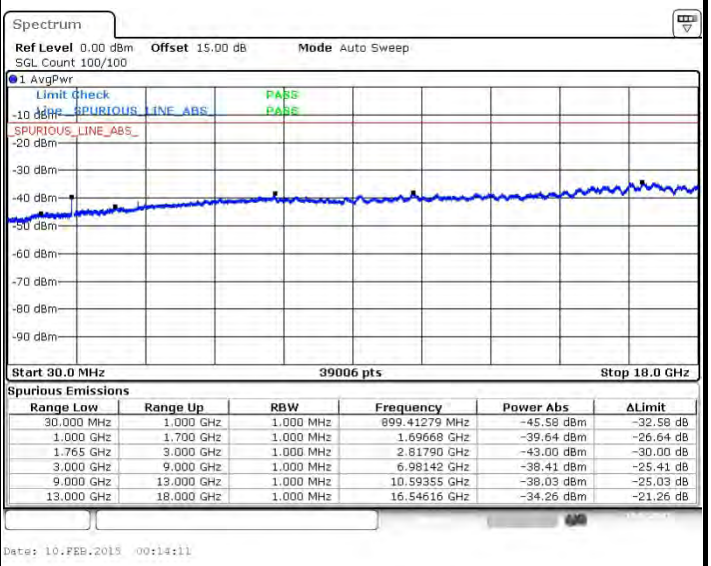


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-44.19 dBm	-31.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86810 GHz	-43.09 dBm	-30.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59055 GHz	-38.22 dBm	-25.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.85739 GHz	-34.46 dBm	-21.46 dB

Date: 10.FEB.2015 00:12:50

Lowest Channel / 16QAM

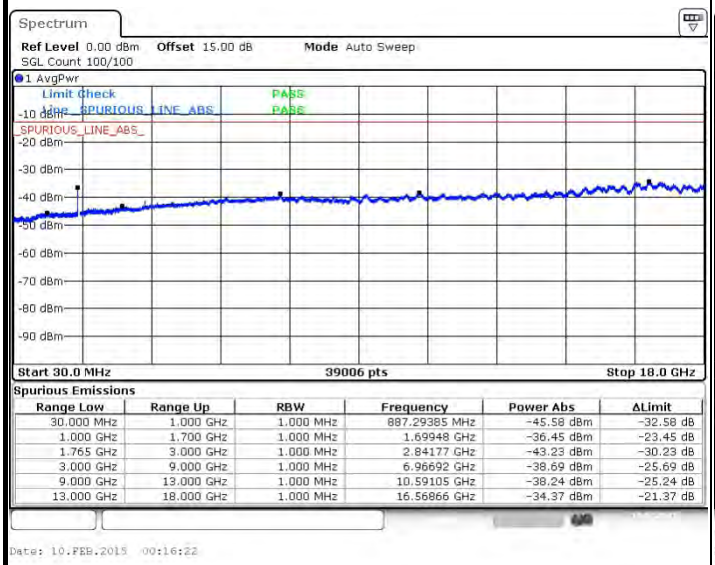


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-39.64 dBm	-26.64 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81790 GHz	-43.00 dBm	-30.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98142 GHz	-38.41 dBm	-25.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59355 GHz	-38.03 dBm	-25.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54616 GHz	-34.26 dBm	-21.26 dB

Date: 10.FEB.2015 00:14:11

Middle Channel / QPSK

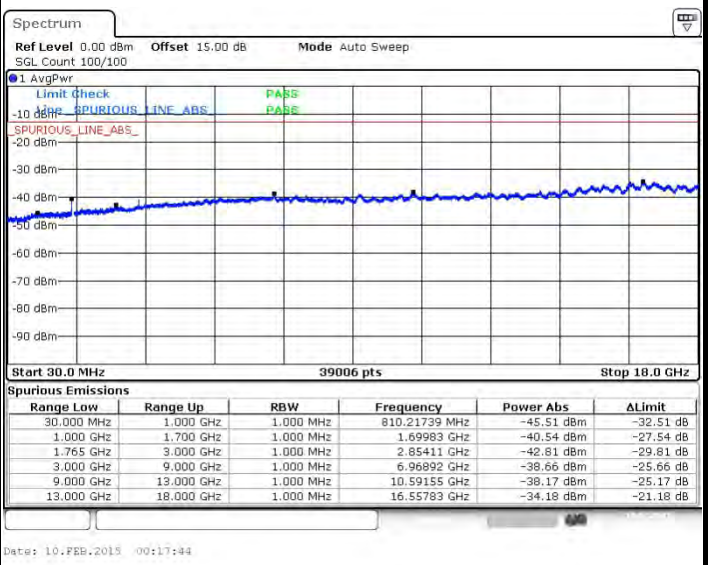


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-36.45 dBm	-23.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84177 GHz	-43.23 dBm	-30.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96692 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59105 GHz	-38.24 dBm	-25.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56866 GHz	-34.37 dBm	-21.37 dB

Date: 10.FEB.2015 00:16:22

Middle Channel / 16QAM



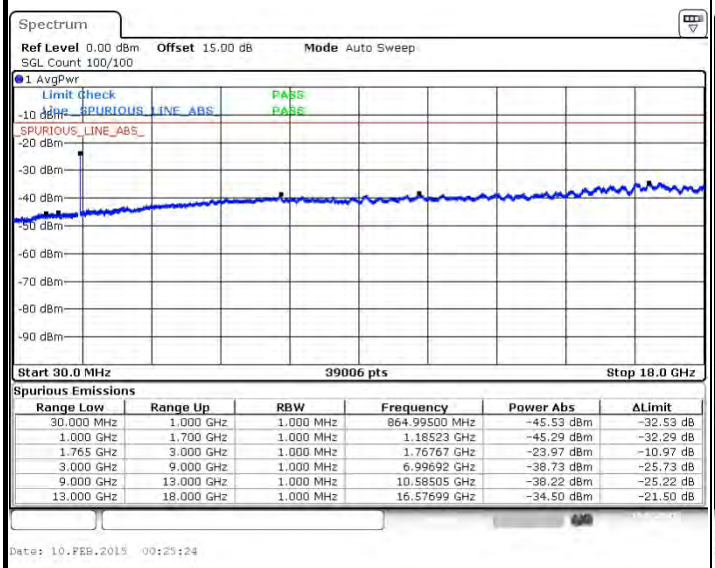
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	810.21739 MHz	-45.51 dBm	-32.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-40.54 dBm	-27.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85411 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96892 GHz	-38.66 dBm	-25.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59155 GHz	-38.17 dBm	-25.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55783 GHz	-34.18 dBm	-21.18 dB

Date: 10.FEB.2015 00:17:44

LTE Band 4 / 15MHz

Highest Channel / QPSK

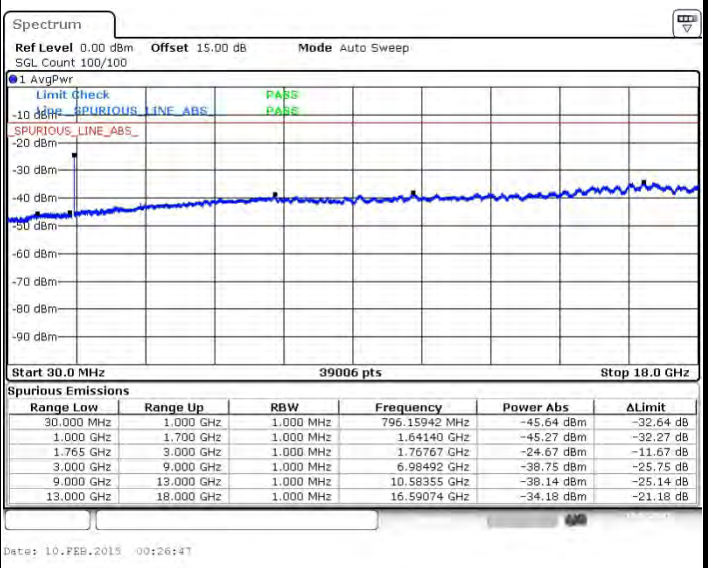


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.99500 MHz	-45.53 dBm	-32.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.18523 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-23.97 dBm	-10.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-38.73 dBm	-25.73 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58505 GHz	-38.22 dBm	-25.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57699 GHz	-34.50 dBm	-21.50 dB

Date: 10.FEB.2015 00:25:24

Highest Channel / 16QAM



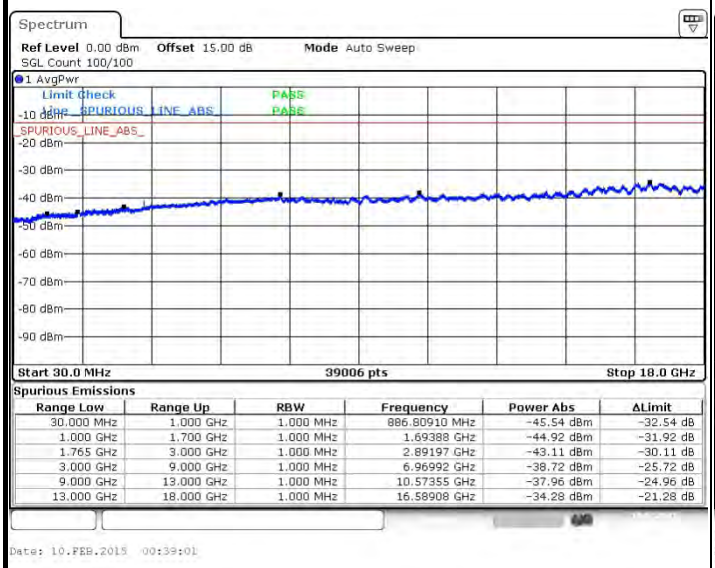
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	796.15942 MHz	-45.64 dBm	-32.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64140 GHz	-45.27 dBm	-32.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-24.67 dBm	-11.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98492 GHz	-38.75 dBm	-25.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58355 GHz	-38.14 dBm	-25.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59074 GHz	-34.18 dBm	-21.18 dB

Date: 10.FEB.2015 00:26:47

LTE Band 4 / 20MHz

Lowest Channel / QPSK

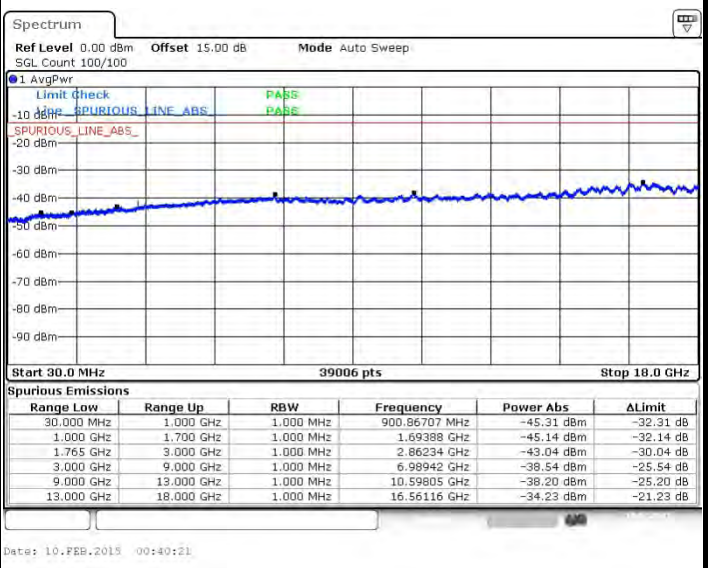


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-44.92 dBm	-31.92 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.89197 GHz	-43.11 dBm	-30.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96992 GHz	-38.72 dBm	-25.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57355 GHz	-37.96 dBm	-24.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58908 GHz	-34.28 dBm	-21.28 dB

Date: 10.FEB.2015 00:39:01

Lowest Channel / 16QAM



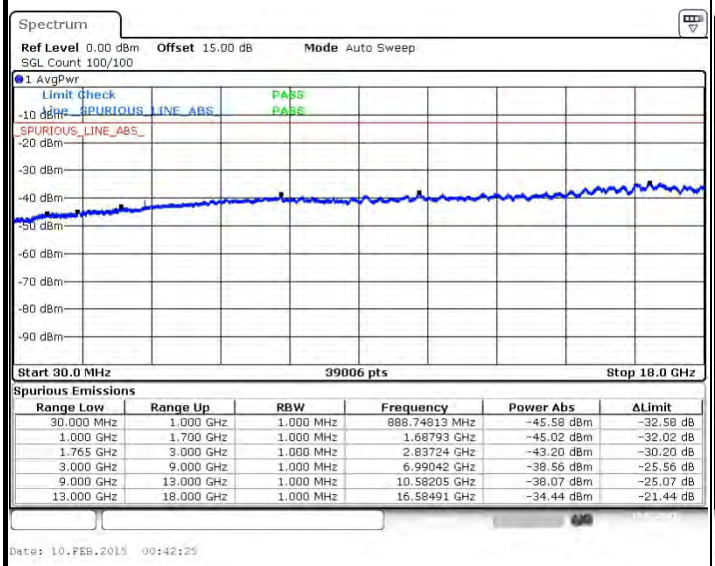
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-45.31 dBm	-32.31 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-45.14 dBm	-32.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86234 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-38.54 dBm	-25.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59805 GHz	-38.20 dBm	-25.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56116 GHz	-34.23 dBm	-21.23 dB

Date: 10.FEB.2015 00:40:21

LTE Band 4 / 20MHz

Middle Channel / QPSK

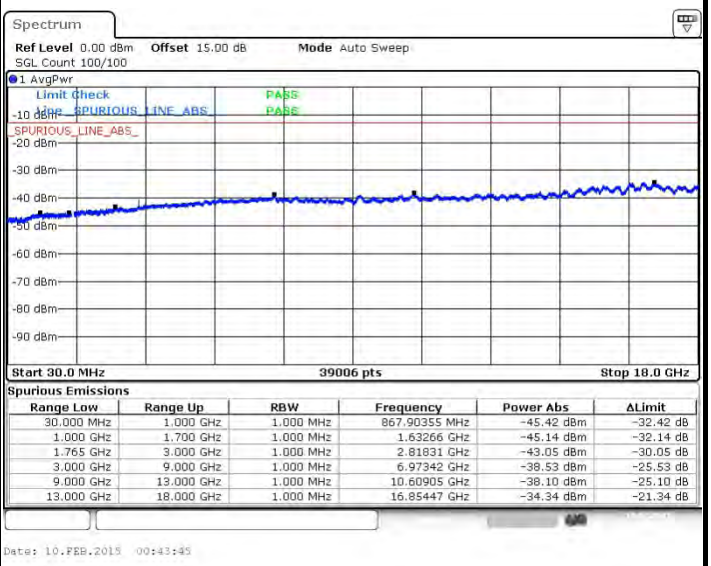


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-45.02 dBm	-32.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83724 GHz	-43.20 dBm	-30.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-38.56 dBm	-25.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58205 GHz	-38.07 dBm	-25.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58491 GHz	-34.44 dBm	-21.44 dB

Date: 10.FEB.2015 00:42:25

Middle Channel / 16QAM

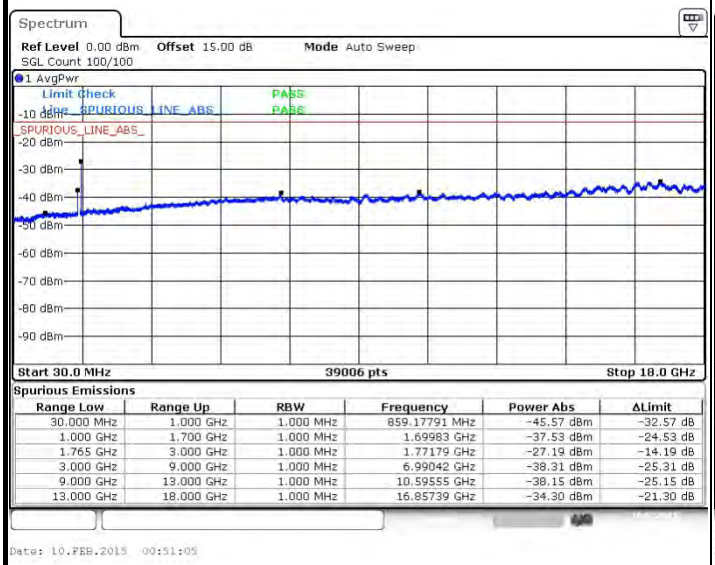


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-45.42 dBm	-32.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63266 GHz	-45.14 dBm	-32.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81831 GHz	-43.05 dBm	-30.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97342 GHz	-38.53 dBm	-25.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60905 GHz	-38.10 dBm	-25.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.85447 GHz	-34.34 dBm	-21.34 dB

Date: 10.FEB.2015 00:43:45

Highest Channel / QPSK

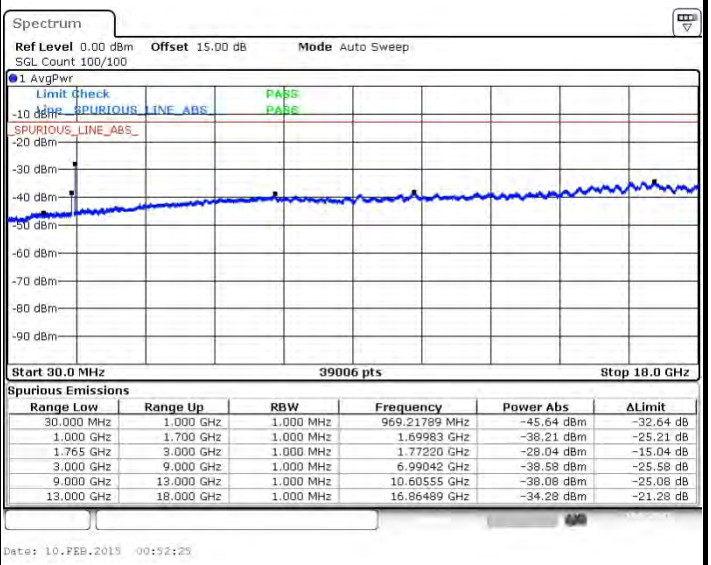


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-37.53 dBm	-24.53 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-27.19 dBm	-14.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-38.31 dBm	-25.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59555 GHz	-38.15 dBm	-25.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.85739 GHz	-34.30 dBm	-21.30 dB

Date: 10.FEB.2015 00:51:05

Highest Channel / 16QAM



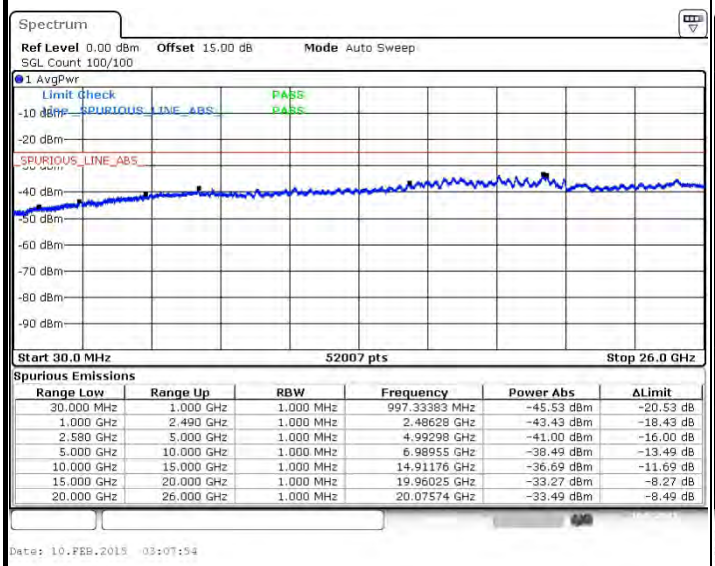
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-45.64 dBm	-32.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-38.21 dBm	-25.21 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-28.04 dBm	-15.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-38.58 dBm	-25.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60555 GHz	-38.08 dBm	-25.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.86489 GHz	-34.28 dBm	-21.28 dB

Date: 10.FEB.2015 00:52:25

LTE Band 7 / 5MHz

Lowest Channel / QPSK

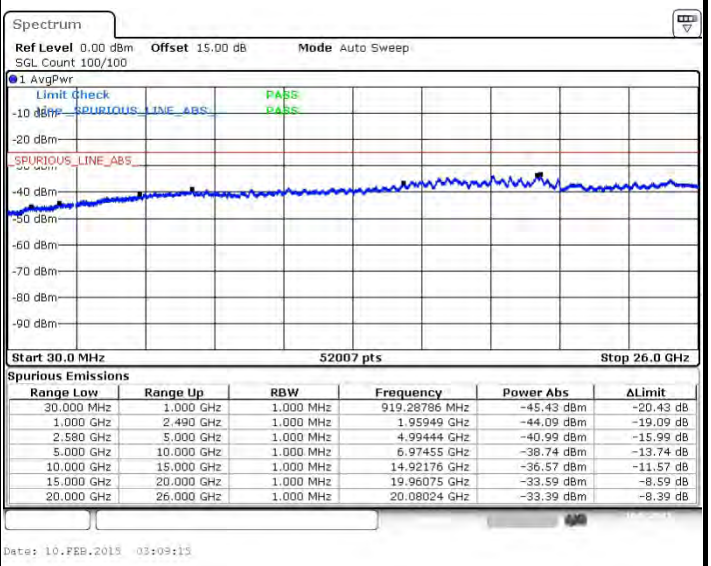


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-43.43 dBm	-18.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99298 GHz	-41.00 dBm	-16.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-38.49 dBm	-13.49 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91176 GHz	-36.69 dBm	-11.69 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96025 GHz	-33.27 dBm	-8.27 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07574 GHz	-33.49 dBm	-8.49 dB

Date: 10.FEB.2015 03:07:54

Lowest Channel / 16QAM

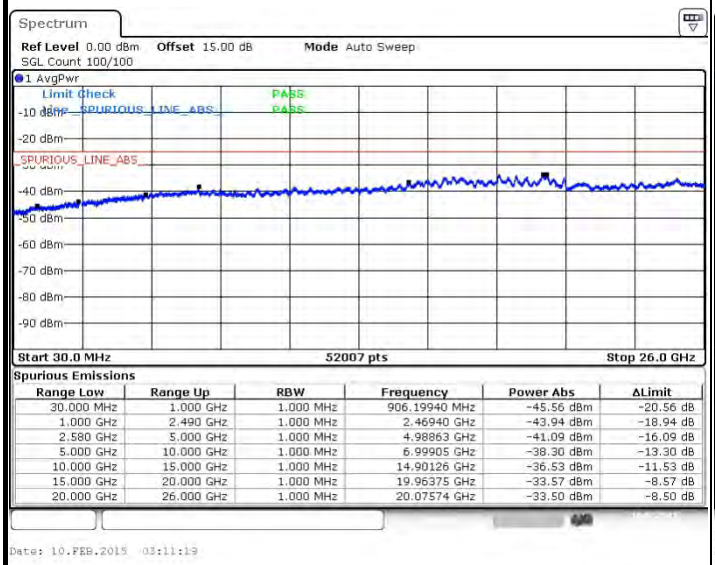


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.95949 GHz	-44.09 dBm	-19.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-40.99 dBm	-15.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97455 GHz	-38.74 dBm	-13.74 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92176 GHz	-36.57 dBm	-11.57 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96075 GHz	-33.59 dBm	-8.59 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08024 GHz	-33.39 dBm	-8.39 dB

Date: 10.FEB.2015 03:09:15

Middle Channel / QPSK

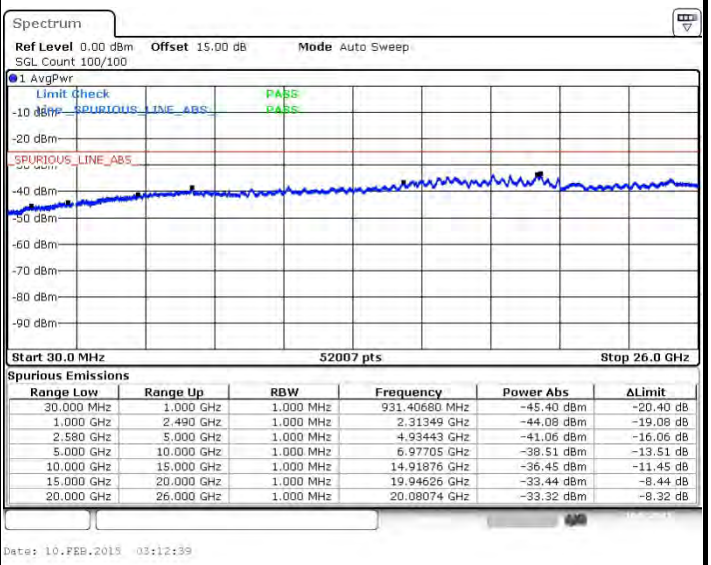


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-45.56 dBm	-20.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46940 GHz	-43.94 dBm	-18.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-41.09 dBm	-16.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-38.30 dBm	-13.30 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90126 GHz	-36.53 dBm	-11.53 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96375 GHz	-33.57 dBm	-8.57 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07574 GHz	-33.50 dBm	-8.50 dB

Date: 10.FEB.2015 03:11:19

Middle Channel / 16QAM



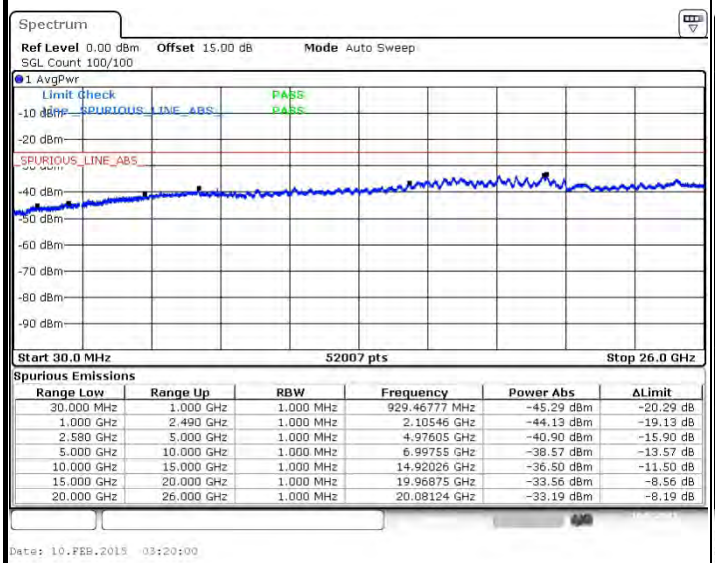
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-45.40 dBm	-20.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31349 GHz	-44.08 dBm	-19.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93443 GHz	-41.06 dBm	-16.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97705 GHz	-38.51 dBm	-13.51 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91876 GHz	-36.45 dBm	-11.45 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.94626 GHz	-33.44 dBm	-8.44 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08074 GHz	-33.32 dBm	-8.32 dB

Date: 10.FEB.2015 03:12:39

LTE Band 7 / 5MHz

Highest Channel / QPSK

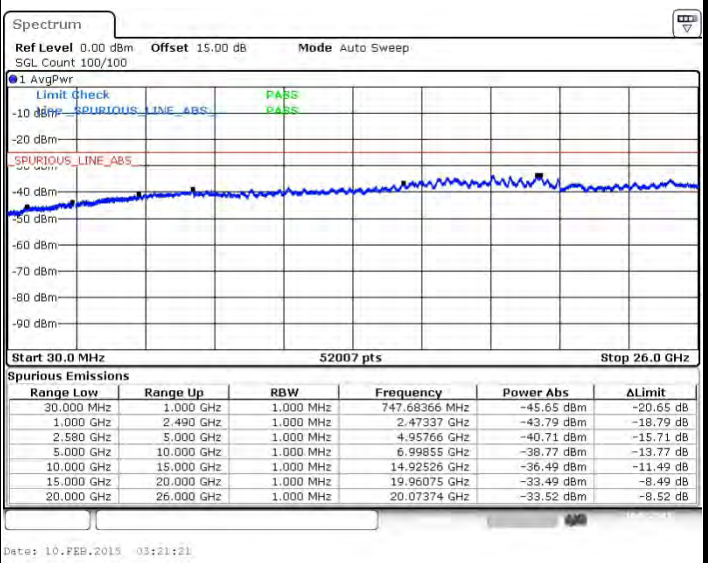


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10546 GHz	-44.13 dBm	-19.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97605 GHz	-40.90 dBm	-15.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99755 GHz	-38.57 dBm	-13.57 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92026 GHz	-36.50 dBm	-11.50 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96875 GHz	-33.56 dBm	-8.56 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08124 GHz	-33.19 dBm	-8.19 dB

Date: 10.FEB.2015 03:20:00

Highest Channel / 16QAM



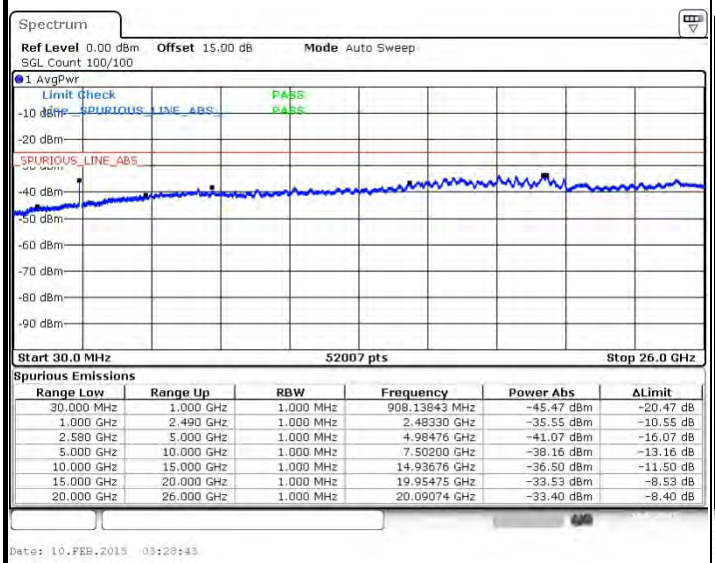
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	747.68366 MHz	-45.65 dBm	-20.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47337 GHz	-43.79 dBm	-18.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95766 GHz	-40.71 dBm	-15.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99855 GHz	-38.77 dBm	-13.77 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92526 GHz	-36.49 dBm	-11.49 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96075 GHz	-33.49 dBm	-8.49 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07374 GHz	-33.52 dBm	-8.52 dB

Date: 10.FEB.2015 03:21:21

LTE Band 7 / 10MHz

Lowest Channel / QPSK

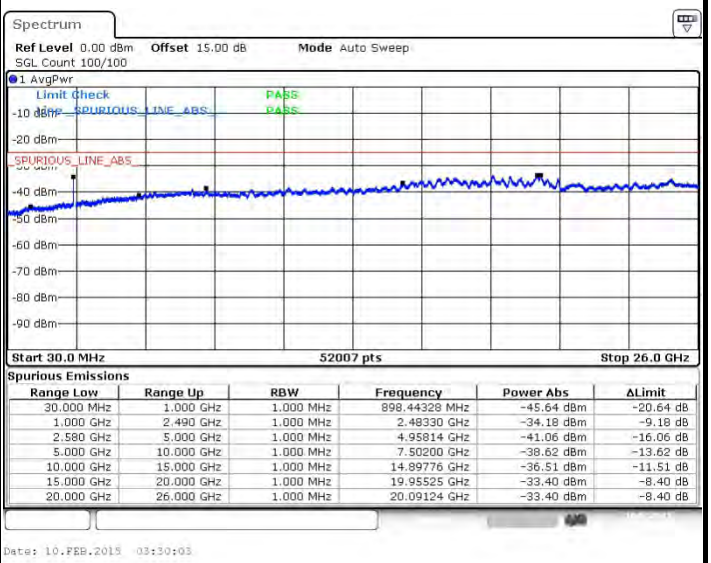


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-45.47 dBm	-20.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-35.55 dBm	-10.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-41.07 dBm	-16.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.50200 GHz	-38.16 dBm	-13.16 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.93676 GHz	-36.50 dBm	-11.50 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95475 GHz	-33.53 dBm	-8.53 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.09074 GHz	-33.40 dBm	-8.40 dB

Date: 10.FEB.2015 03:28:43

Lowest Channel / 16QAM



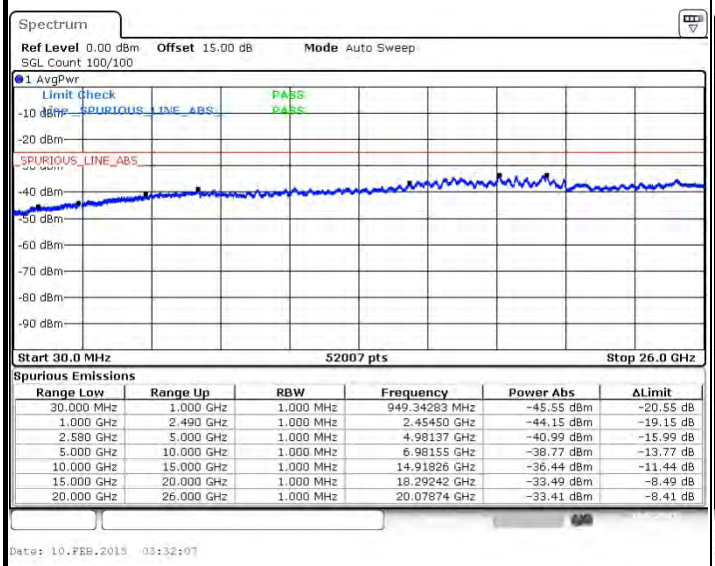
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-45.64 dBm	-20.64 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-34.18 dBm	-9.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95814 GHz	-41.06 dBm	-16.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.50200 GHz	-38.62 dBm	-13.62 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89776 GHz	-36.51 dBm	-11.51 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95525 GHz	-33.40 dBm	-8.40 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.09124 GHz	-33.40 dBm	-8.40 dB

Date: 10.FEB.2015 03:30:03

LTE Band 7 / 10MHz

Middle Channel / QPSK

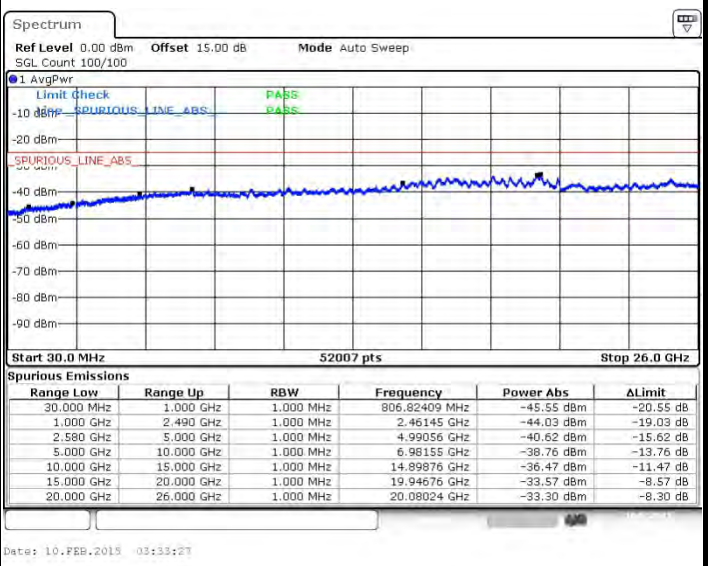


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45450 GHz	-44.15 dBm	-19.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-40.99 dBm	-15.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98155 GHz	-38.77 dBm	-13.77 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91826 GHz	-36.44 dBm	-11.44 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.29242 GHz	-33.49 dBm	-8.49 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07874 GHz	-33.41 dBm	-8.41 dB

Date: 10.FEB.2015 03:32:07

Middle Channel / 16QAM

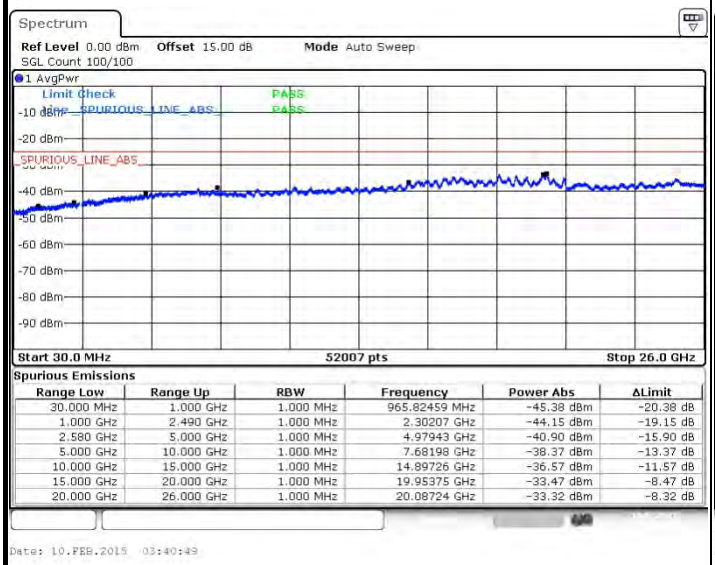


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	806.82409 MHz	-45.55 dBm	-20.55 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46145 GHz	-44.03 dBm	-19.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-40.62 dBm	-15.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98155 GHz	-38.76 dBm	-13.76 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89876 GHz	-36.47 dBm	-11.47 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.94676 GHz	-33.57 dBm	-8.57 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08024 GHz	-33.30 dBm	-8.30 dB

Date: 10.FEB.2015 03:33:27

Highest Channel / QPSK

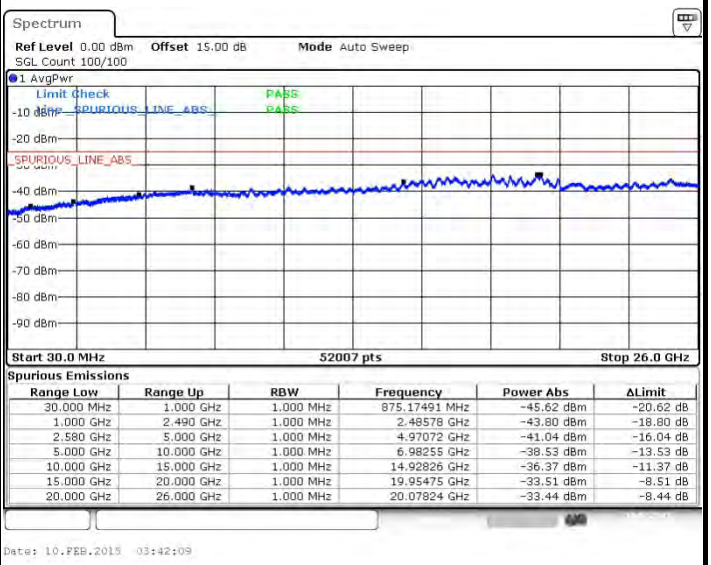


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30207 GHz	-44.15 dBm	-19.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97943 GHz	-40.90 dBm	-15.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.68198 GHz	-38.37 dBm	-13.37 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89726 GHz	-36.57 dBm	-11.57 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95375 GHz	-33.47 dBm	-8.47 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08724 GHz	-33.32 dBm	-8.32 dB

Date: 10.FEB.2015 03:40:49

Highest Channel / 16QAM



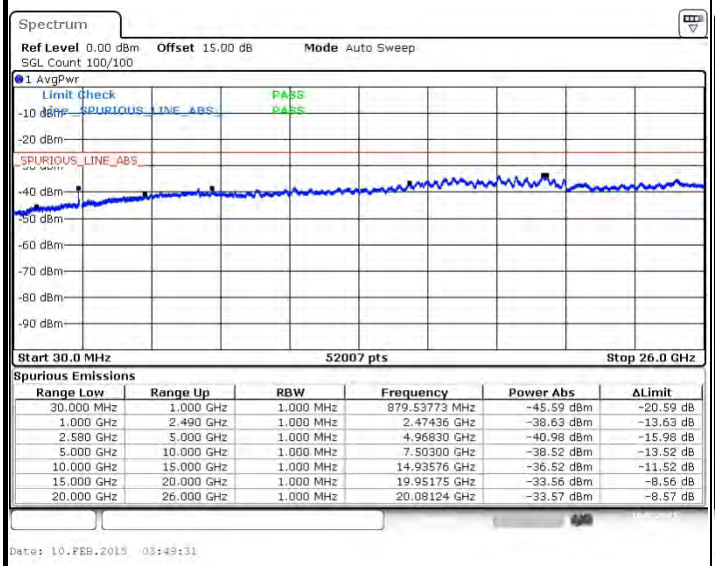
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-45.62 dBm	-20.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-43.80 dBm	-18.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97072 GHz	-41.04 dBm	-16.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98255 GHz	-38.53 dBm	-13.53 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92826 GHz	-36.37 dBm	-11.37 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95475 GHz	-33.51 dBm	-8.51 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07824 GHz	-33.44 dBm	-8.44 dB

Date: 10.FEB.2015 03:42:09

LTE Band 7 / 15MHz

Lowest Channel / QPSK

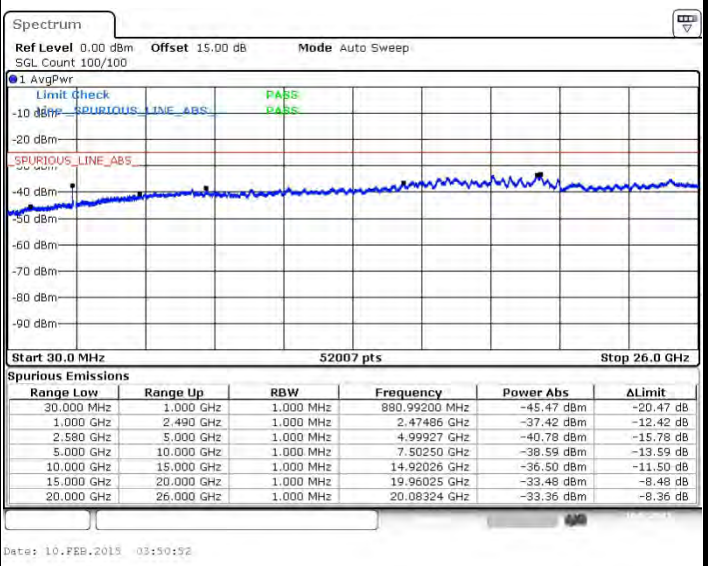


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47436 GHz	-38.63 dBm	-13.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96830 GHz	-40.98 dBm	-15.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.50300 GHz	-38.52 dBm	-13.52 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.93576 GHz	-36.52 dBm	-11.52 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95175 GHz	-33.56 dBm	-8.56 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08124 GHz	-33.57 dBm	-8.57 dB

Date: 10.FEB.2015 03:49:31

Lowest Channel / 16QAM

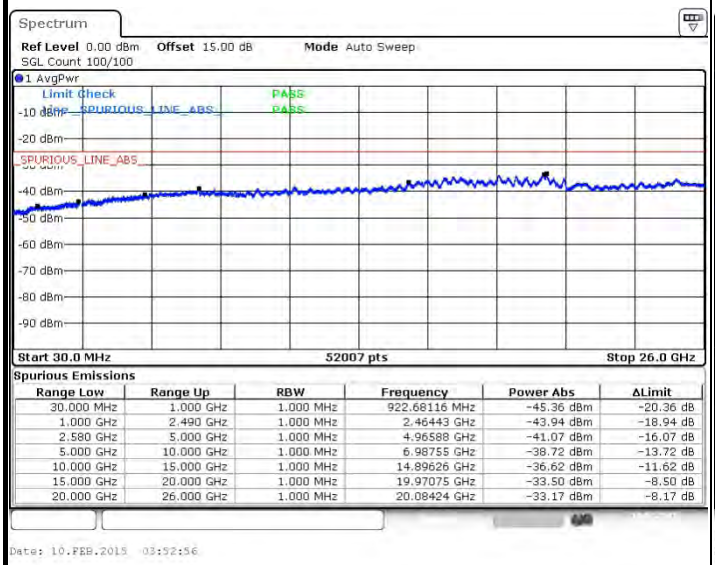


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-45.47 dBm	-20.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47486 GHz	-37.42 dBm	-12.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99927 GHz	-40.78 dBm	-15.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.50250 GHz	-38.59 dBm	-13.59 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92026 GHz	-36.50 dBm	-11.50 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96025 GHz	-33.48 dBm	-8.48 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08324 GHz	-33.36 dBm	-8.36 dB

Date: 10.FEB.2015 03:50:52

Middle Channel / QPSK

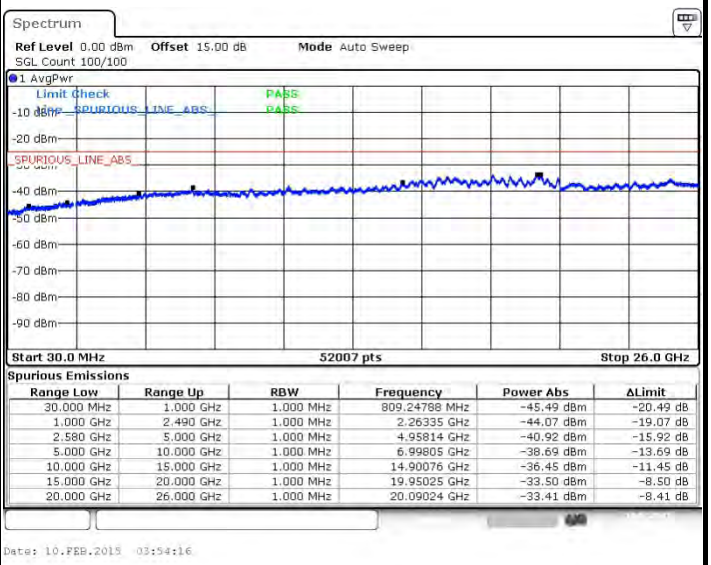


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-45.36 dBm	-20.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46443 GHz	-43.94 dBm	-18.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96588 GHz	-41.07 dBm	-16.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98755 GHz	-38.72 dBm	-13.72 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89626 GHz	-36.62 dBm	-11.62 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.97075 GHz	-33.50 dBm	-8.50 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08424 GHz	-33.17 dBm	-8.17 dB

Date: 10.FEB.2015 03:52:56

Middle Channel / 16QAM



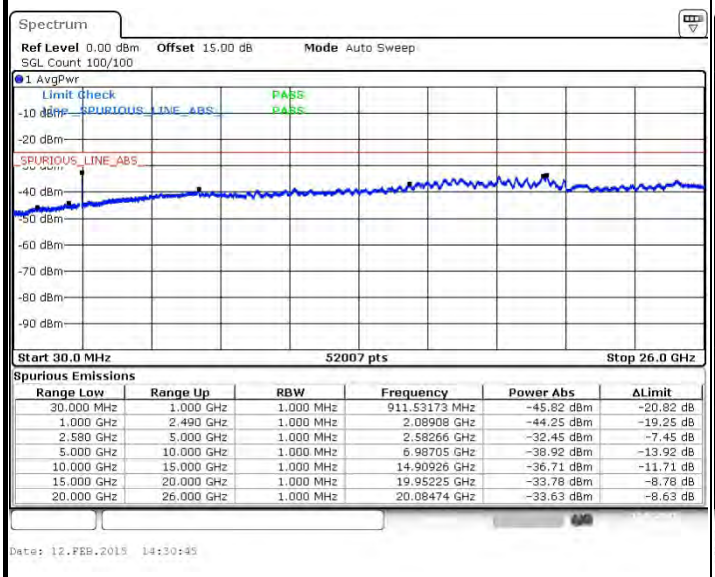
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	809.24788 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.26335 GHz	-44.07 dBm	-19.07 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95814 GHz	-40.92 dBm	-15.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99805 GHz	-38.69 dBm	-13.69 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90076 GHz	-36.45 dBm	-11.45 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95025 GHz	-33.50 dBm	-8.50 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.09024 GHz	-33.41 dBm	-8.41 dB

Date: 10.FEB.2015 03:54:16

LTE Band7 / 15MHz

Highest Channel / QPSK

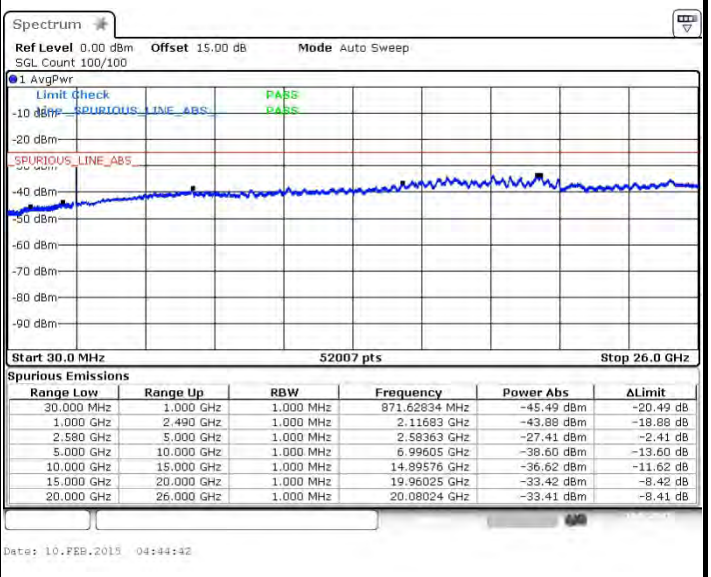


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-45.82 dBm	-20.82 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.08908 GHz	-44.25 dBm	-19.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-32.45 dBm	-7.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98705 GHz	-38.92 dBm	-13.92 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90926 GHz	-36.71 dBm	-11.71 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95225 GHz	-33.78 dBm	-8.78 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08474 GHz	-33.63 dBm	-8.63 dB

Date: 12.FEB.2015 14:30:45

Highest Channel / 16QAM



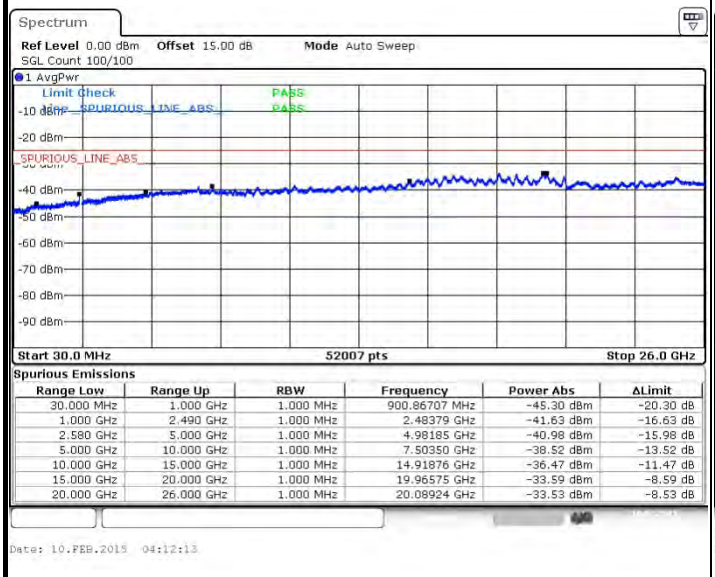
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.62834 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11683 GHz	-43.88 dBm	-18.88 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58363 GHz	-27.41 dBm	-2.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99605 GHz	-38.60 dBm	-13.60 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89576 GHz	-36.62 dBm	-11.62 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96025 GHz	-33.42 dBm	-8.42 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08024 GHz	-33.41 dBm	-8.41 dB

Date: 10.FEB.2015 04:44:42

LTE Band 7 / 20MHz

Lowest Channel / QPSK

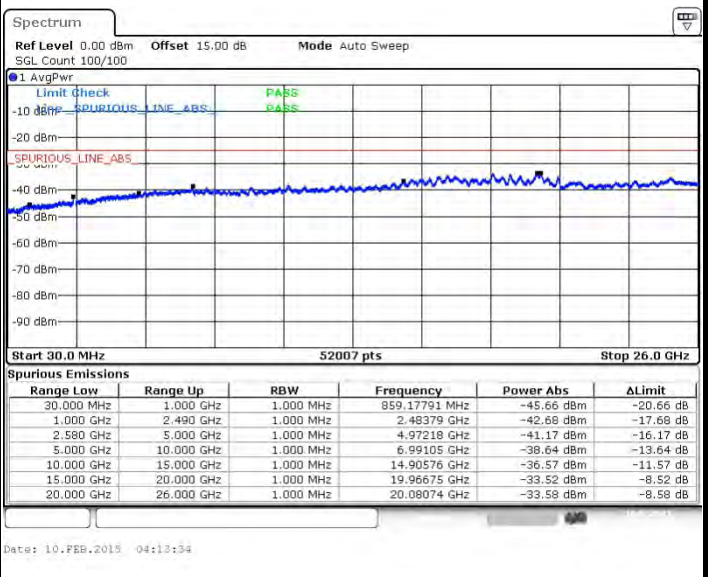


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-45.30 dBm	-20.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-41.63 dBm	-16.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-40.98 dBm	-15.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.50350 GHz	-38.52 dBm	-13.52 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91876 GHz	-36.47 dBm	-11.47 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96575 GHz	-33.59 dBm	-8.59 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08924 GHz	-33.53 dBm	-8.53 dB

Date: 10.FEB.2015 04:12:13

Lowest Channel / 16QAM



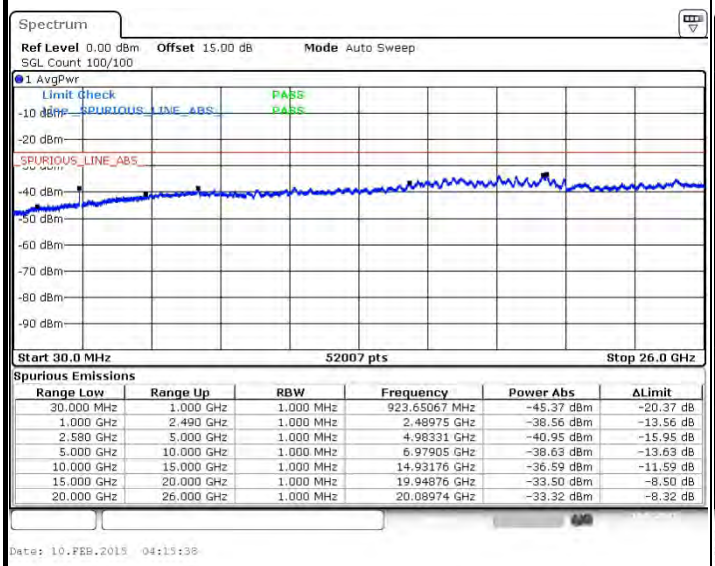
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-45.66 dBm	-20.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-42.68 dBm	-17.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97218 GHz	-41.17 dBm	-16.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99105 GHz	-38.64 dBm	-13.64 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90576 GHz	-36.57 dBm	-11.57 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96675 GHz	-33.52 dBm	-8.52 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08074 GHz	-33.58 dBm	-8.58 dB

Date: 10.FEB.2015 04:13:34

LTE Band 7 / 20MHz

Middle Channel / QPSK

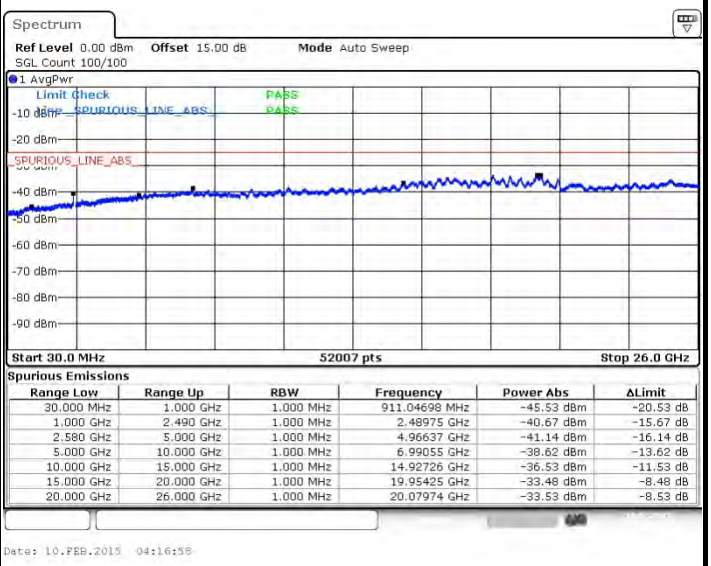


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-45.37 dBm	-20.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-38.56 dBm	-13.56 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98331 GHz	-40.95 dBm	-15.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97905 GHz	-38.63 dBm	-13.63 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.93176 GHz	-36.59 dBm	-11.59 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.94876 GHz	-33.50 dBm	-8.50 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08974 GHz	-33.32 dBm	-8.32 dB

Date: 10.FEB.2015 04:15:38

Middle Channel / 16QAM

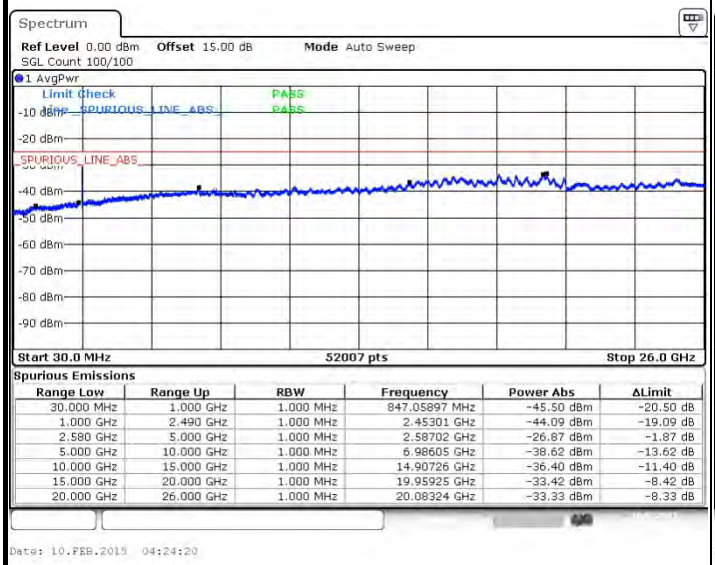


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-40.67 dBm	-15.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96637 GHz	-41.14 dBm	-16.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-38.62 dBm	-13.62 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92726 GHz	-36.53 dBm	-11.53 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95425 GHz	-33.48 dBm	-8.48 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07974 GHz	-33.53 dBm	-8.53 dB

Date: 10.FEB.2015 04:16:58

Highest Channel / QPSK

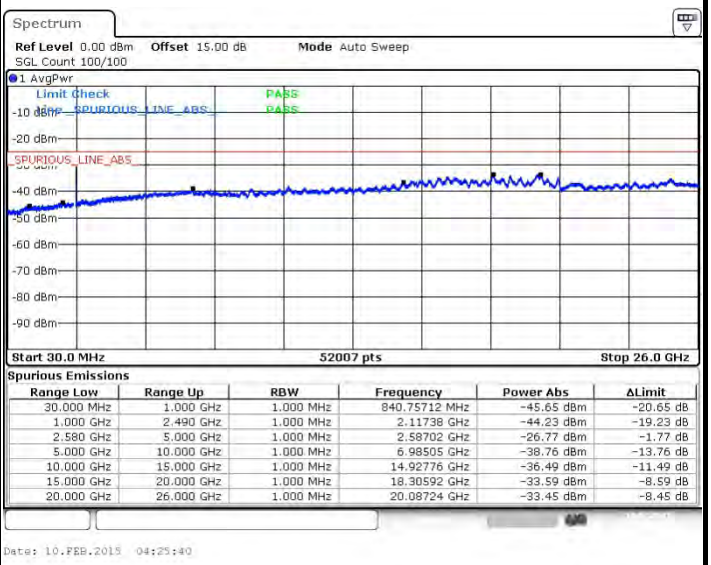


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	847.05897 MHz	-45.50 dBm	-20.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45301 GHz	-44.09 dBm	-19.09 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-26.87 dBm	-1.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98605 GHz	-38.62 dBm	-13.62 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90726 GHz	-36.40 dBm	-11.40 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95925 GHz	-33.42 dBm	-8.42 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08324 GHz	-33.33 dBm	-8.33 dB

Date: 10.FEB.2015 04:24:20

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	840.75712 MHz	-45.65 dBm	-20.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11738 GHz	-44.23 dBm	-19.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-26.77 dBm	-1.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98505 GHz	-38.76 dBm	-13.76 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92776 GHz	-36.49 dBm	-11.49 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.30592 GHz	-33.59 dBm	-8.59 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08724 GHz	-33.45 dBm	-8.45 dB

Date: 10.FEB.2015 04:25:40

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.7V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.3 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.7V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.3 V

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

EIRP

LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	20.01	0.1002	20.12	0.1028
Middle		3	0	21.35	0.1365	21.67	0.1469
Highest		3	0	21.75	0.1496	21.96	0.1570
Lowest	16QAM	1	2	18.91	0.0778	19.08	0.0809
Middle		1	2	19.33	0.0857	19.50	0.0891
Highest		1	5	21.30	0.1349	21.38	0.1374
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	19.95	0.0989	20.11	0.1026
Middle		1	7	20.98	0.1253	21.29	0.1346
Highest		1	7	21.46	0.1400	21.62	0.1452
Lowest	16QAM	1	14	19.01	0.0796	19.13	0.0818
Middle		1	7	19.87	0.0971	20.03	0.1007
Highest		1	14	21.16	0.1306	21.19	0.1315
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	19.52	0.0895	19.51	0.0893
Middle		1	24	21.05	0.1274	21.16	0.1306
Highest		1	24	21.37	0.1371	21.30	0.1349
Lowest	16QAM	1	0	18.79	0.0757	18.93	0.0782
Middle		1	0	19.91	0.0979	20.09	0.1021
Highest		1	24	20.89	0.1227	20.90	0.1230
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	19.51	0.0893	19.57	0.0906
Middle		1	49	21.04	0.1271	21.14	0.1300
Highest		1	49	20.81	0.1205	20.73	0.1183
Lowest	16QAM	1	49	18.82	0.0762	18.95	0.0785
Middle		1	49	20.28	0.1067	20.42	0.1102
Highest		1	24	20.35	0.1084	20.39	0.1094
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	20.38	0.1091	20.45	0.1109
Middle		1	74	21.15	0.1303	21.32	0.1355
Highest		1	74	20.75	0.1189	20.67	0.1167
Lowest	16QAM	1	74	18.97	0.0789	19.06	0.0805
Middle		1	0	19.15	0.0822	19.19	0.0830
Highest		1	74	20.38	0.1091	20.43	0.1104
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	20.63	0.1156	20.74	0.1186
Middle		1	99	21.20	0.1318	21.36	0.1368
Highest		1	99	20.85	0.1216	20.78	0.1197
Lowest	16QAM	1	99	19.34	0.0859	19.57	0.0906
Middle		1	0	19.14	0.0820	19.43	0.0877
Highest		1	99	20.06	0.1014	20.06	0.1014
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.82	0.1914	23.10	0.2042
Middle		1	24	22.38	0.1730	22.32	0.1706
Highest		1	24	22.18	0.1652	22.03	0.1596
Lowest	16QAM	1	24	21.85	0.1531	22.12	0.1629
Middle		1	24	21.36	0.1368	21.32	0.1355
Highest		1	24	21.20	0.1318	21.06	0.1276
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.24	0.1675	22.40	0.1738
Middle		1	49	22.50	0.1778	22.35	0.1718
Highest		1	24	21.36	0.1368	21.31	0.1352
Lowest	16QAM	1	49	21.80	0.1514	21.55	0.1429
Middle		1	49	21.86	0.1535	21.27	0.1340
Highest		1	49	21.30	0.1349	21.13	0.1297
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.01	0.1589	22.15	0.1641
Middle		1	74	22.40	0.1738	22.25	0.1679
Highest		1	74	22.26	0.1683	22.12	0.1629
Lowest	16QAM	1	74	21.62	0.1452	21.40	0.1380
Middle		1	74	21.89	0.1545	21.37	0.1371
Highest		1	74	21.56	0.1432	21.22	0.1324
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	21.87	0.1538	21.90	0.1549
Middle		1	99	22.42	0.1746	22.26	0.1683
Highest		1	99	22.21	0.1663	22.06	0.1607
Lowest	16QAM	1	99	21.60	0.1445	21.48	0.1406
Middle		1	99	21.74	0.1493	21.33	0.1358
Highest		1	99	21.62	0.1452	21.28	0.1343
Limit	EIRP < 2W			Result		PASS	

Radiated Spurious Emission

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3463.92	-61.76	-13	-48.76	-64.08	-69.98	0.98	9.20	H	Pass
5195.88	-59.92	-13	-46.92	-65.93	-69.31	1.11	10.50	H	Pass
6927.84	-50.92	-13	-37.92	-65.26	-59.52	1.20	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3463.92	-61.35	-13	-48.35	-63.70	-69.57	0.98	9.20	V	Pass
5195.88	-58.30	-13	-45.30	-66.03	-67.69	1.11	10.50	V	Pass
6927.84	-52.27	-13	-39.27	-65.41	-60.87	1.20	9.80	V	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3462.48	-61.43	-13	-48.43	-63.75	-69.65	0.98	9.20	H	Pass
5193.72	-57.61	-13	-44.61	-63.62	-67.00	1.11	10.50	H	Pass
6924.96	-49.38	-13	-36.38	-63.72	-57.98	1.2	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3462.48	-61.50	-13	-48.50	-63.85	-69.72	0.98	9.20	V	Pass
5193.72	-55.81	-13	-42.81	-63.54	-65.20	1.11	10.50	V	Pass
6924.96	-51.07	-13	-38.07	-64.21	-59.67	1.20	9.80	V	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3460.68	-60.82	-13	-47.82	-63.14	-69.04	0.98	9.20	H	Pass
5191.02	-59.02	-13	-46.02	-65.03	-68.41	1.11	10.50	H	Pass
6921.36	-50.32	-13	-37.32	-64.66	-58.92	1.20	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3460.68	-61.05	-13	-48.05	-63.4	-69.27	0.98	9.20	V	Pass
5191.02	-57.45	-13	-44.45	-65.18	-66.84	1.11	10.50	V	Pass
6921.36	-51.63	-13	-38.63	-64.77	-60.23	1.20	9.80	V	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3456.18	-61.13	-13	-48.13	-63.45	-69.35	0.98	9.20	H	Pass
5184.27	-59.16	-13	-46.16	-65.17	-68.55	1.11	10.50	H	Pass
6912.36	-49.95	-13	-36.95	-64.29	-58.55	1.20	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3456.18	-61.76	-13	-48.76	-64.11	-69.98	0.98	9.20	V	Pass
5184.27	-57.46	-13	-44.46	-65.19	-66.85	1.11	10.50	V	Pass
6912.36	-51.29	-13	-38.29	-64.43	-59.89	1.20	9.80	V	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3451.68	-61.36	-13	-48.36	-63.68	-69.58	0.98	9.20	H	Pass
5177.52	-59.24	-13	-46.24	-65.25	-68.63	1.11	10.50	H	Pass
6903.36	-50.13	-13	-37.13	-64.47	-58.73	1.20	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3451.68	-61.97	-13	-48.97	-64.32	-70.19	0.98	9.20	V	Pass
5177.52	-56.79	-13	-43.79	-64.52	-66.18	1.11	10.50	V	Pass
6903.36	-51.74	-13	-38.74	-64.88	-60.34	1.20	9.80	V	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3447.18	-61.96	-13	-48.96	-64.28	-70.18	0.98	9.20	H	Pass
5170.77	-58.64	-13	-45.64	-64.65	-68.03	1.11	10.50	H	Pass
6894.36	-49.78	-13	-36.78	-64.12	-58.38	1.20	9.80	H	Pass

Band :	LTE Band 4	Temperature :	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
3447.18	-61.82	-13	-48.82	-64.17	-70.04	0.98	9.20	V	Pass
5170.77	-57.34	-13	-44.34	-65.07	-66.73	1.11	10.50	V	Pass
6894.36	-51.83	-13	-38.83	-64.97	-60.43	1.20	9.80	V	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5065.68	-45.68	-25	-20.68	-54.77	-54.98	1.20	10.50	H	Pass
7598.52	-52.32	-25	-27.32	-62.43	-59.86	1.56	9.10	H	Pass
10131.36	-38.98	-25	-13.98	-55.61	-47.90	1.78	10.70	H	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5065.68	-50.37	-25	-25.37	-56.96	-59.67	1.20	10.50	V	Pass
7598.52	-51.34	-25	-26.34	-61.91	-58.88	1.56	9.10	V	Pass
10131.36	-40.65	-25	-15.65	-56.8	-49.57	1.78	10.70	V	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5061.18	-27.98	-25	-2.98	-45.36	-37.28	1.2	10.50	H	Pass
7591.77	-48.45	-25	-23.45	-58.56	-55.99	1.56	9.10	H	Pass
10122.36	-26.80	-25	-1.80	-50.98	-35.72	1.78	10.70	H	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5061.18	-37.38	-25	-12.38	-50.88	-46.68	1.2	10.50	V	Pass
7591.77	-48.69	-25	-23.69	-59.26	-56.23	1.56	9.10	V	Pass
10122.36	-29.58	-25	-4.58	-51.52	-38.50	1.78	10.70	V	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5056.68	-32.26	-25	-7.26	-46.66	-38.66	1.20	7.60	H	Pass
7585.02	-38.94	-25	-13.94	-58.88	-47.28	1.56	9.90	H	Pass
10116	-25.75	-25	-0.75	-51.04	-35.57	1.78	11.60	H	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5056.68	-35.51	-25	-10.51	-51.05	-41.91	1.20	7.60	V	Pass
7585.02	-41.55	-25	-16.55	-60.81	-49.89	1.56	9.90	V	Pass
10116	-31.00	-25	-6.00	-55.2	-40.82	1.78	11.60	V	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Horizontal
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5052.18	-31.65	-25	-6.65	-46.06	-38.05	1.2	7.60	H	Pass
7578.27	-36.51	-25	-11.51	-56.85	-44.85	1.56	9.90	H	Pass
10104.36	-25.37	-25	-0.37	-50.72	-35.19	1.78	11.60	H	Pass

Band :	LTE Band 7	Temperature :	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%
Test Engineer :	Sam Li	Polarization :	Vertical
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.		

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)	Result
5052.18	-34.63	-25	-9.63	-50.33	-41.03	1.2	7.60	V	Pass
7578.27	-37.04	-25	-12.04	-57.03	-45.38	1.56	9.90	V	Pass
10104.36	-26.62	-25	-1.62	-51.13	-36.44	1.78	11.60	V	Pass