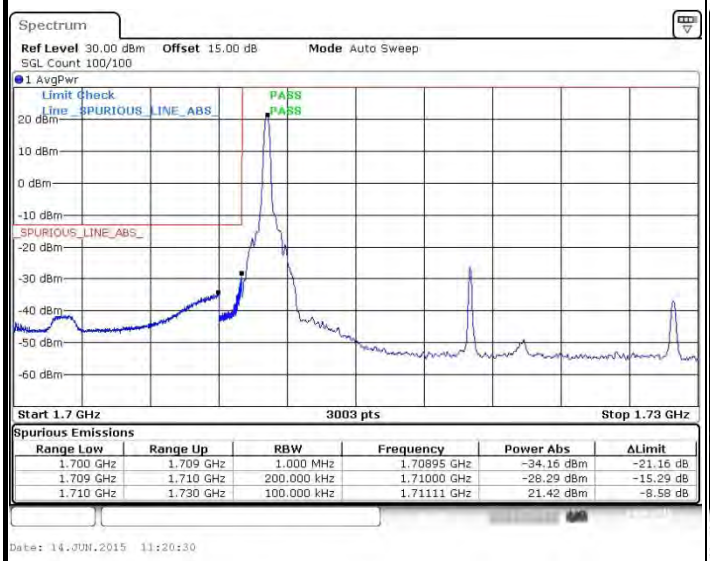
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

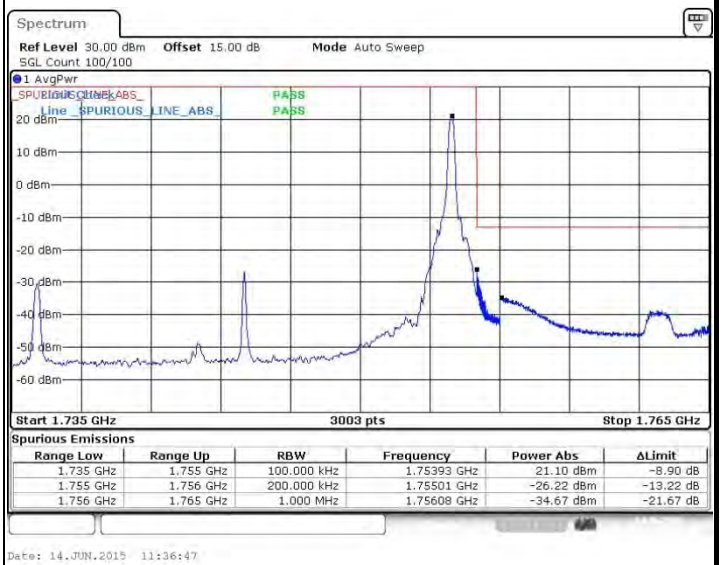


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-34.16 dBm	-21.16 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-28.29 dBm	-15.29 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	21.42 dBm	-8.58 dB

Date: 14.JUN.2015 11:20:30

Highest Band Edge / 1 RB

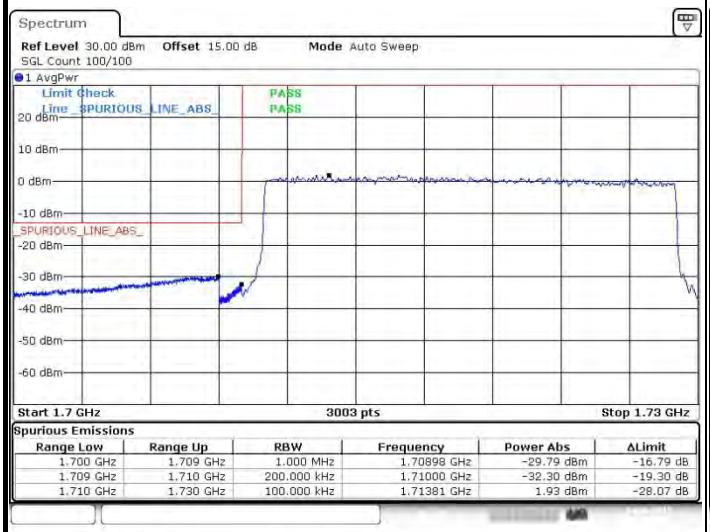


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	21.10 dBm	-8.90 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-26.22 dBm	-13.22 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75608 GHz	-34.67 dBm	-21.67 dB

Date: 14.JUN.2015 11:36:47

Lowest Band Edge / Full RB

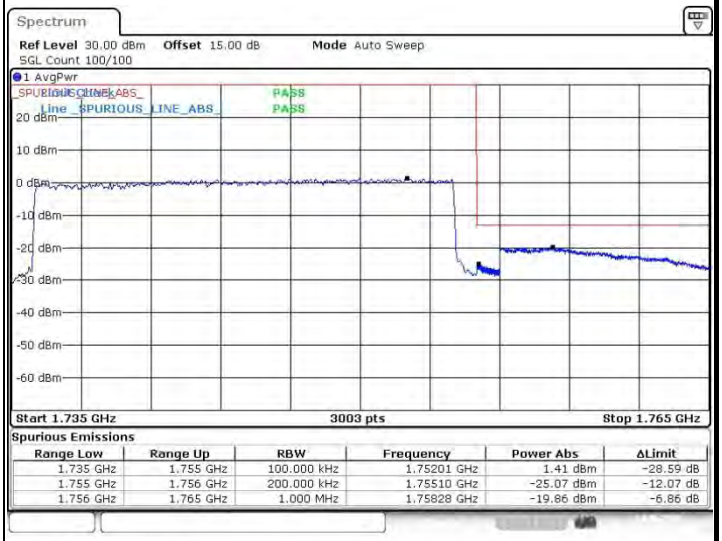


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-29.79 dBm	-16.79 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-32.30 dBm	-19.30 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71381 GHz	1.93 dBm	-28.07 dB

Date: 14.JUN.2015 11:28:02

Highest Band Edge / Full RB



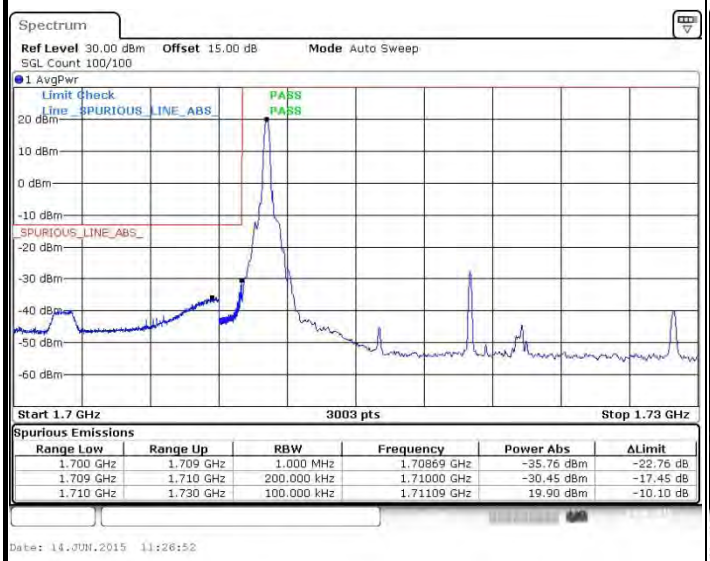
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75201 GHz	1.41 dBm	-28.59 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75510 GHz	-25.07 dBm	-12.07 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75828 GHz	-19.86 dBm	-6.86 dB

Date: 14.JUN.2015 11:39:08

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

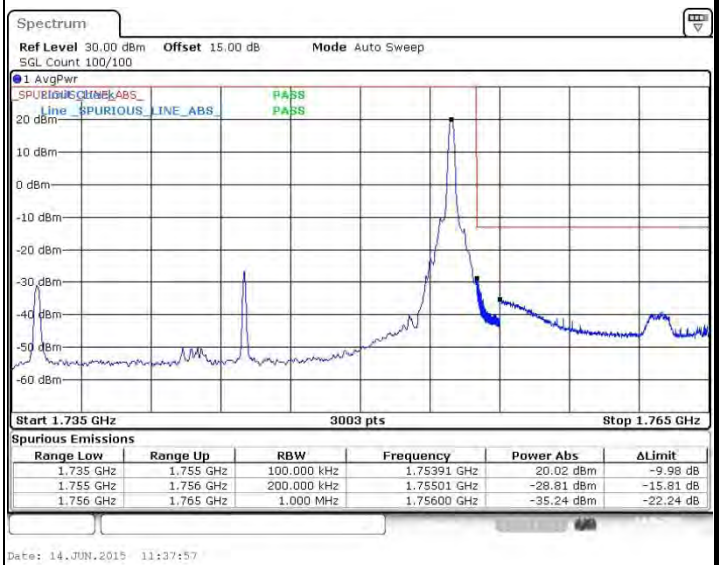


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70869 GHz	-35.76 dBm	-22.76 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-30.45 dBm	-17.45 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	19.90 dBm	-10.10 dB

Date: 14.JUN.2015 11:26:52

Highest Band Edge / 1 RB

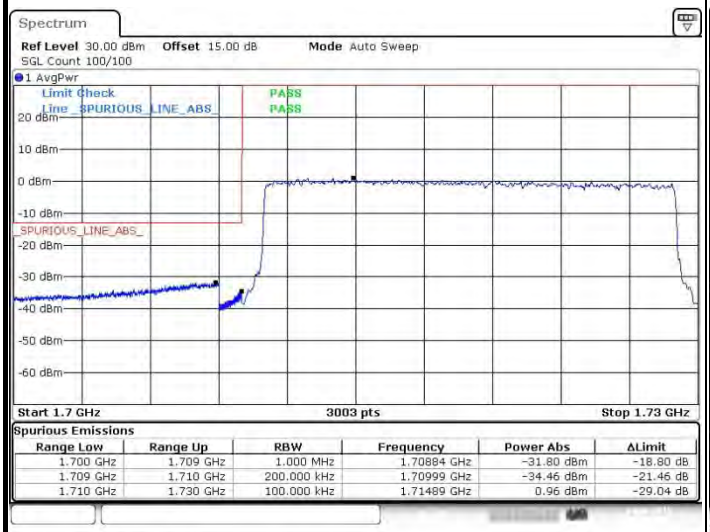


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75391 GHz	20.02 dBm	-9.98 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-28.81 dBm	-15.81 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-35.24 dBm	-22.24 dB

Date: 14.JUN.2015 11:37:57

Lowest Band Edge / Full RB

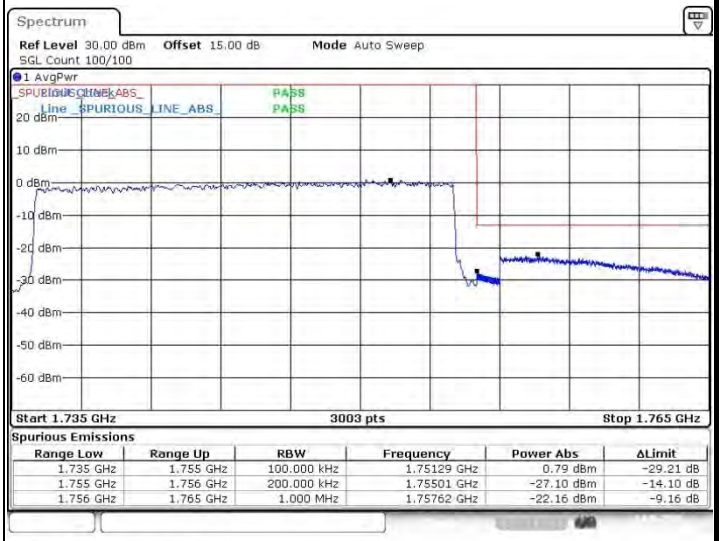


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-31.80 dBm	-18.80 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-34.46 dBm	-21.46 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71489 GHz	0.96 dBm	-29.04 dB

Date: 14.JUN.2015 11:29:12

Highest Band Edge / Full RB



Spurious Emissions

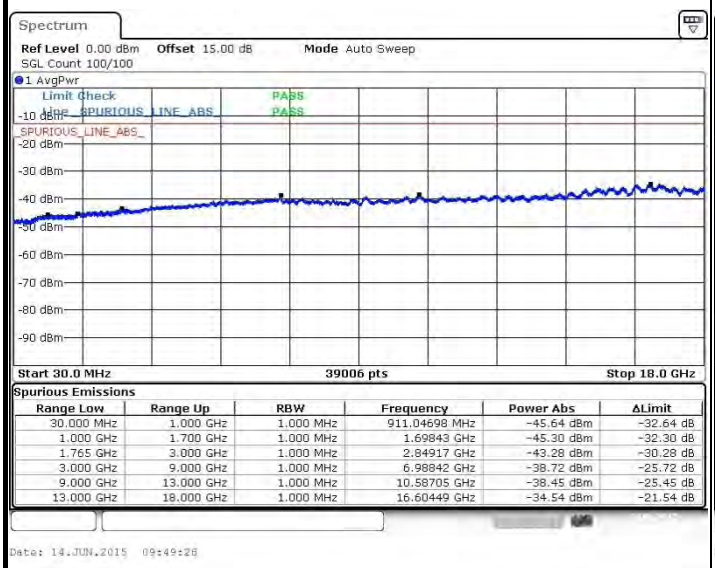
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75129 GHz	0.79 dBm	-29.21 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-27.10 dBm	-14.10 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75762 GHz	-22.16 dBm	-9.16 dB

Date: 14.JUN.2015 11:40:18

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

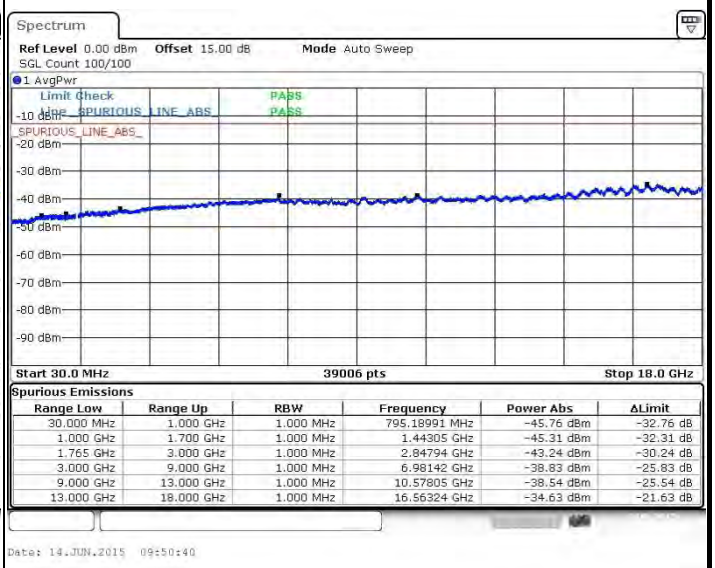


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-45.64 dBm	-32.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-45.30 dBm	-32.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84917 GHz	-43.28 dBm	-30.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-38.72 dBm	-25.72 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58705 GHz	-38.45 dBm	-25.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60449 GHz	-34.54 dBm	-21.54 dB

Date: 14.JUN.2015 09:49:28

Lowest Channel / 16QAM

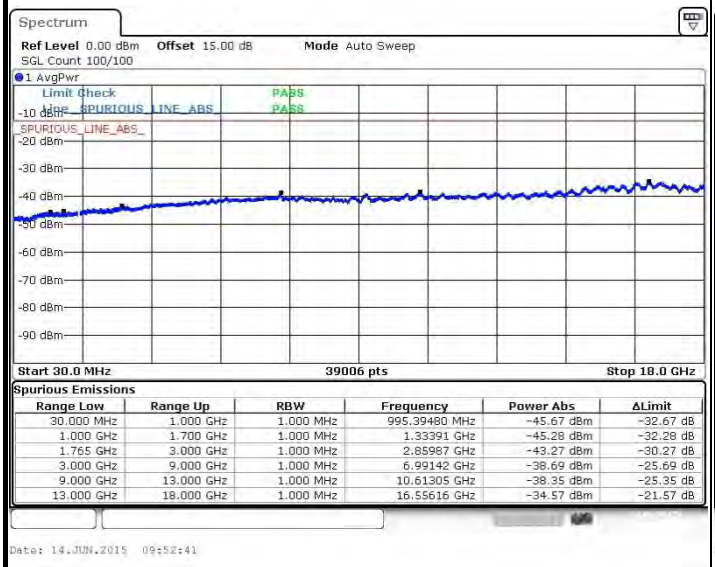


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	795.18991 MHz	-45.76 dBm	-32.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.44305 GHz	-45.31 dBm	-32.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84794 GHz	-43.24 dBm	-30.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98142 GHz	-38.83 dBm	-25.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57805 GHz	-38.54 dBm	-25.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56324 GHz	-34.63 dBm	-21.63 dB

Date: 14.JUN.2015 09:50:40

Middle Channel / QPSK

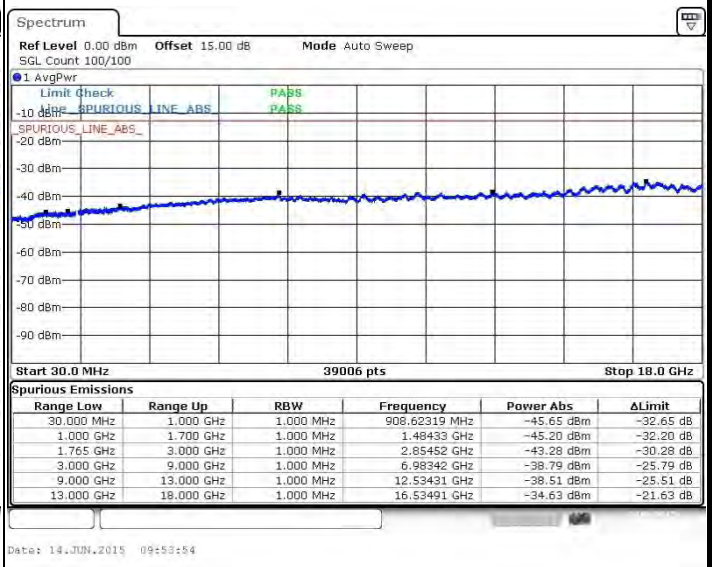


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.39480 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33391 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85987 GHz	-43.27 dBm	-30.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61305 GHz	-38.35 dBm	-25.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55616 GHz	-34.57 dBm	-21.57 dB

Date: 14.JUN.2015 09:52:41

Middle Channel / 16QAM



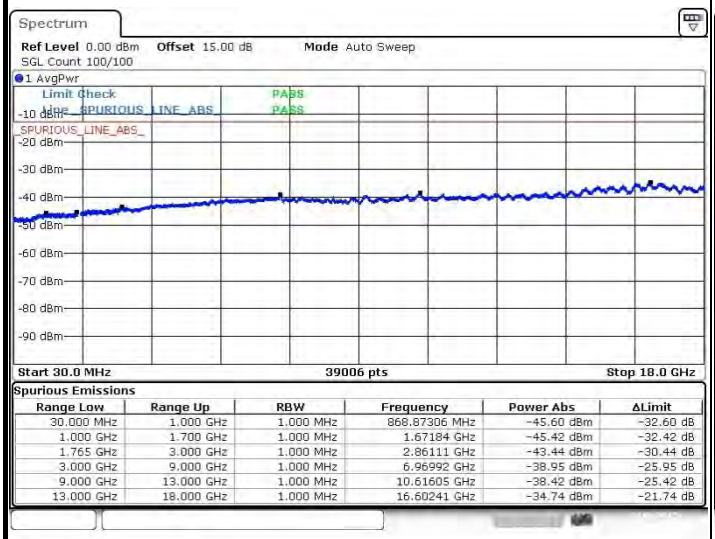
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48433 GHz	-45.20 dBm	-32.20 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85452 GHz	-43.28 dBm	-30.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98342 GHz	-38.79 dBm	-25.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.53431 GHz	-38.51 dBm	-25.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53491 GHz	-34.63 dBm	-21.63 dB

Date: 14.JUN.2015 09:53:54

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

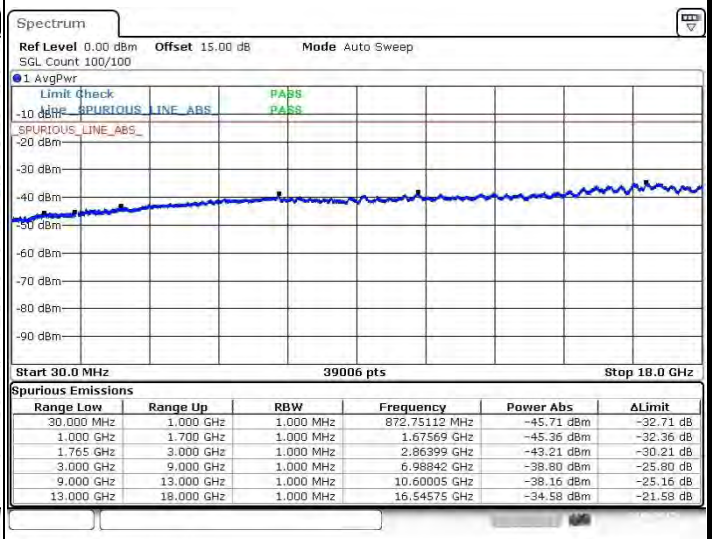


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-45.60 dBm	-32.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-45.42 dBm	-32.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86111 GHz	-43.44 dBm	-30.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96992 GHz	-38.95 dBm	-25.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61605 GHz	-38.42 dBm	-25.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60241 GHz	-34.74 dBm	-21.74 dB

Date: 14.JUN.2015 10:00:37

Highest Channel / 16QAM



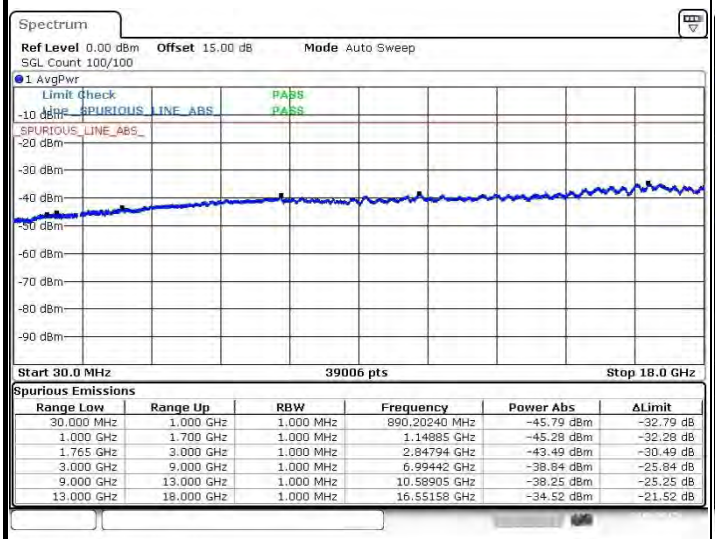
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-45.71 dBm	-32.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-45.36 dBm	-32.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86399 GHz	-43.21 dBm	-30.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-38.80 dBm	-25.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60005 GHz	-38.16 dBm	-25.16 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54575 GHz	-34.58 dBm	-21.58 dB

Date: 14.JUN.2015 10:01:49

LTE Band 4 / 3MHz

Lowest Channel / QPSK

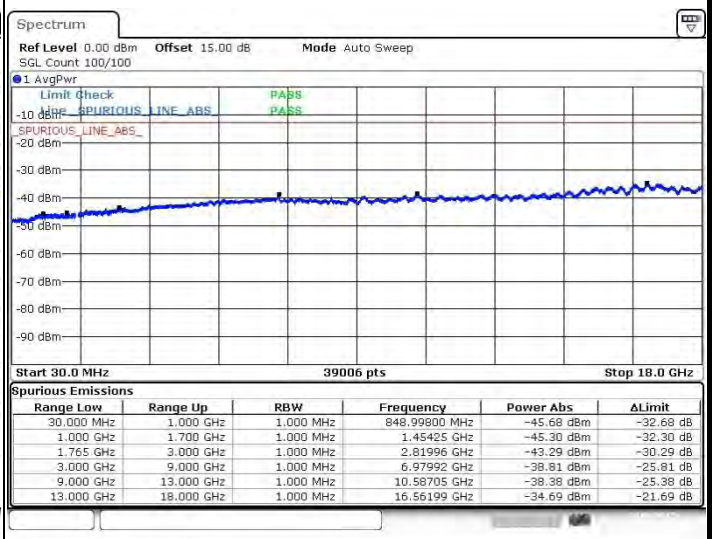


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-45.79 dBm	-32.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.14885 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84794 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-38.84 dBm	-25.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58905 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55158 GHz	-34.52 dBm	-21.52 dB

Date: 14.JUN.2015 10:08:32

Lowest Channel / 16QAM



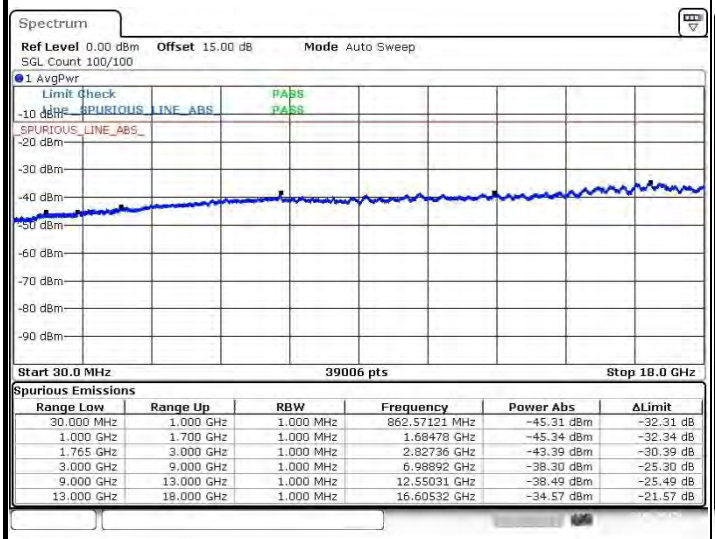
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.99800 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45425 GHz	-45.30 dBm	-32.30 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81996 GHz	-43.29 dBm	-30.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97992 GHz	-38.81 dBm	-25.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58705 GHz	-38.38 dBm	-25.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56199 GHz	-34.69 dBm	-21.69 dB

Date: 14.JUN.2015 10:09:44

LTE Band 4 / 3MHz

Middle Channel / QPSK

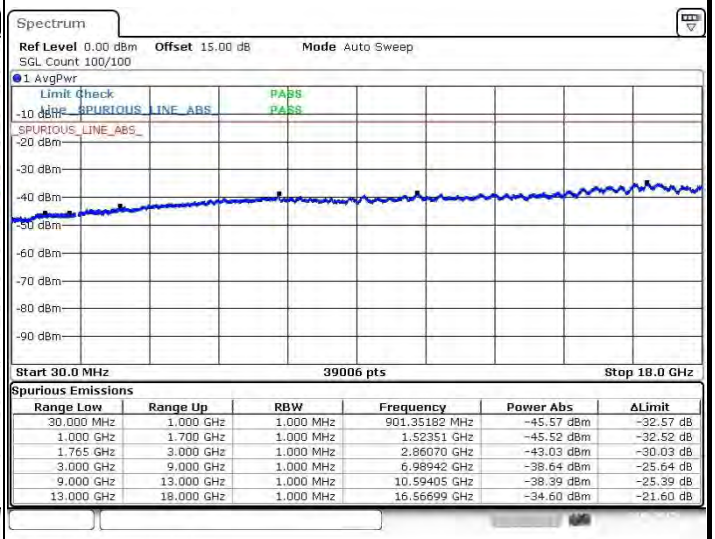


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-45.31 dBm	-32.31 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68478 GHz	-45.34 dBm	-32.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82736 GHz	-43.39 dBm	-30.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-38.30 dBm	-25.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.55031 GHz	-38.49 dBm	-25.49 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60532 GHz	-34.57 dBm	-21.57 dB

Date: 14.JUN.2015 10:11:44

Middle Channel / 16QAM

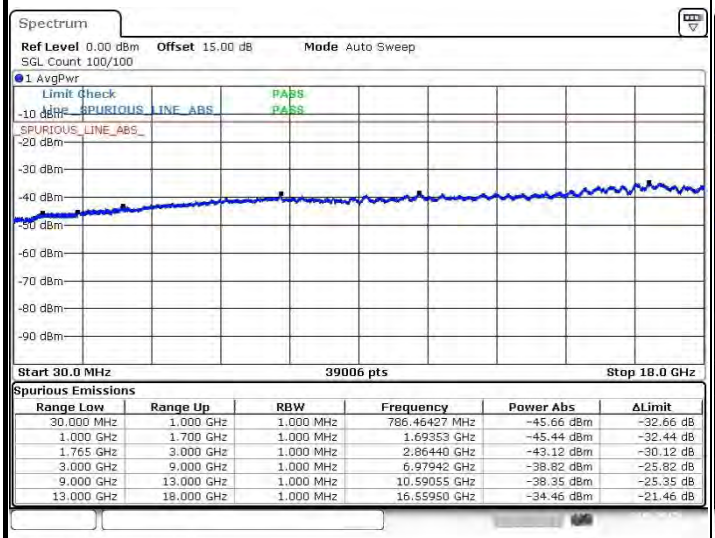


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.52351 GHz	-45.52 dBm	-32.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86070 GHz	-43.03 dBm	-30.03 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	10.59405 GHz	-38.39 dBm	-25.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56699 GHz	-34.60 dBm	-21.60 dB

Date: 14.JUN.2015 10:12:56

Highest Channel / QPSK

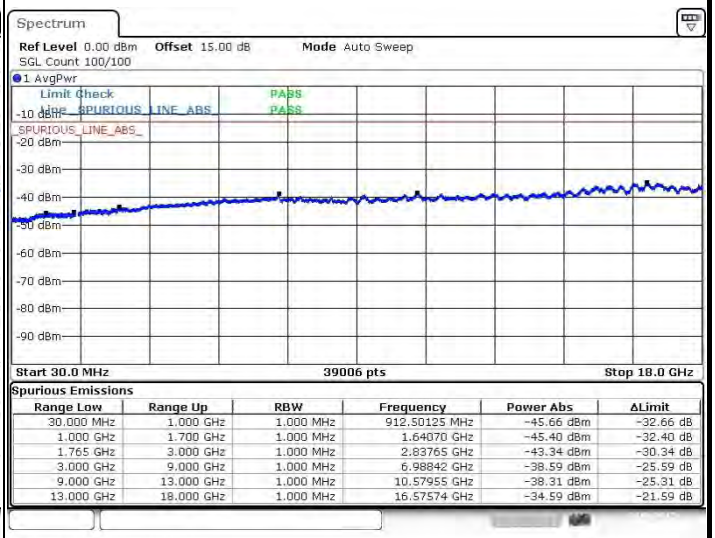


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	786.46427 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.44 dBm	-32.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86440 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97942 GHz	-38.82 dBm	-25.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59055 GHz	-38.35 dBm	-25.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55950 GHz	-34.46 dBm	-21.46 dB

Date: 14.JUN.2015 10:19:38

Highest Channel / 16QAM



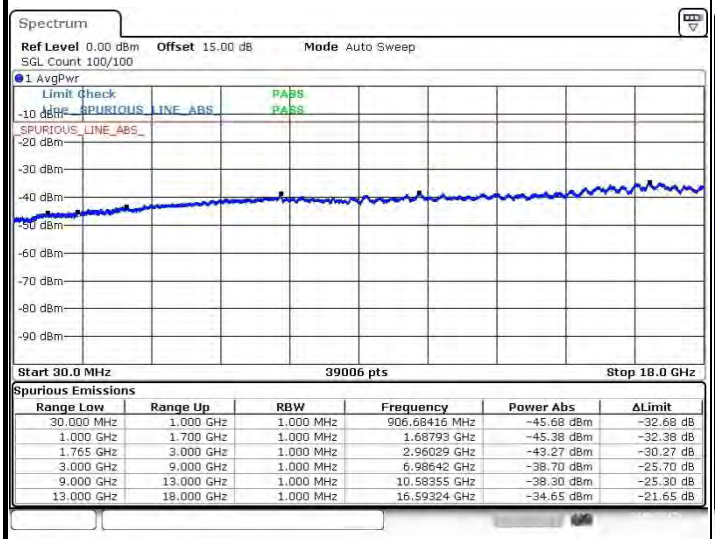
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64070 GHz	-45.40 dBm	-32.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83765 GHz	-43.34 dBm	-30.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-38.59 dBm	-25.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57955 GHz	-38.31 dBm	-25.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57574 GHz	-34.59 dBm	-21.59 dB

Date: 14.JUN.2015 10:20:50

LTE Band 4 / 5MHz

Lowest Channel / QPSK

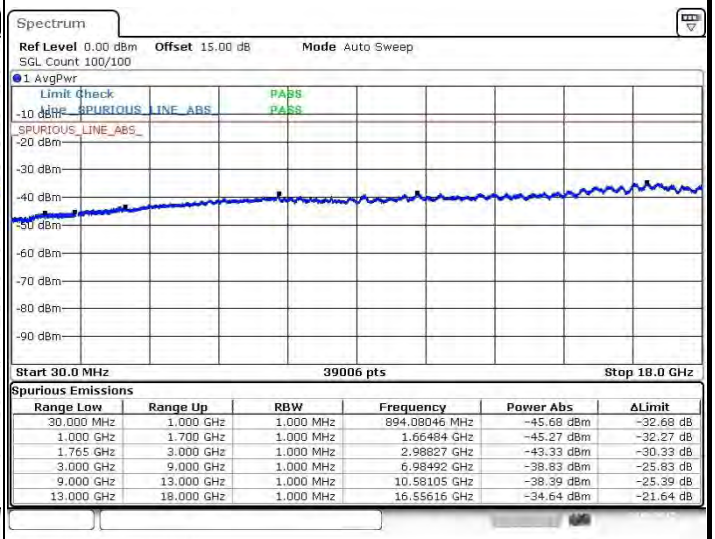


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68793 GHz	-45.38 dBm	-32.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96029 GHz	-43.27 dBm	-30.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-38.70 dBm	-25.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58355 GHz	-38.30 dBm	-25.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59324 GHz	-34.65 dBm	-21.65 dB

Date: 14.JUN.2015 12:55:32

Lowest Channel / 16QAM

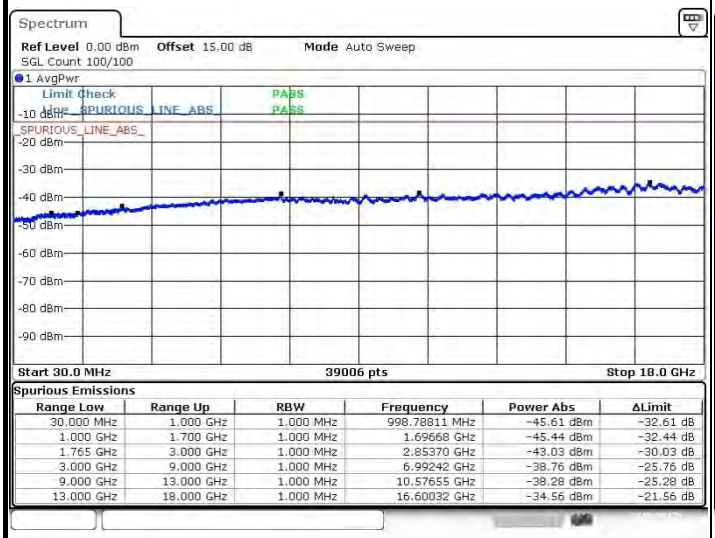


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66484 GHz	-45.27 dBm	-32.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-43.33 dBm	-30.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98492 GHz	-38.83 dBm	-25.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58105 GHz	-38.39 dBm	-25.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55616 GHz	-34.64 dBm	-21.64 dB

Date: 14.JUN.2015 10:28:44

Middle Channel / QPSK

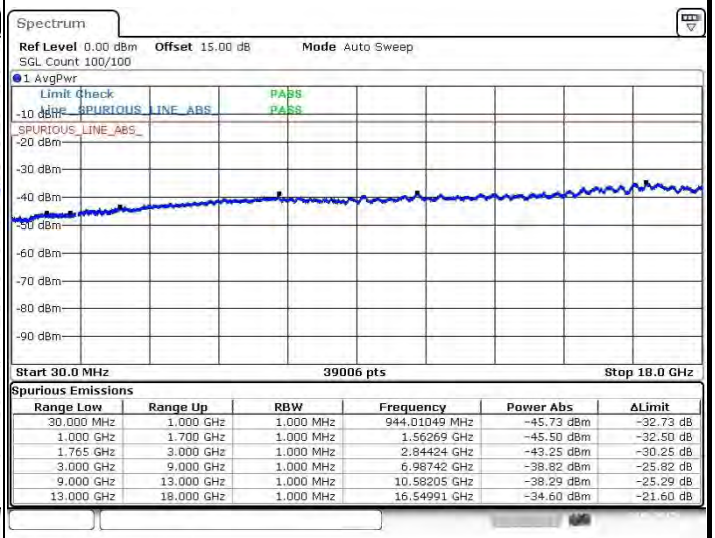


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-45.61 dBm	-32.61 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-45.44 dBm	-32.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85370 GHz	-43.03 dBm	-30.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-38.76 dBm	-25.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57655 GHz	-38.28 dBm	-25.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60032 GHz	-34.56 dBm	-21.56 dB

Date: 14.JUN.2015 10:30:44

Middle Channel / 16QAM



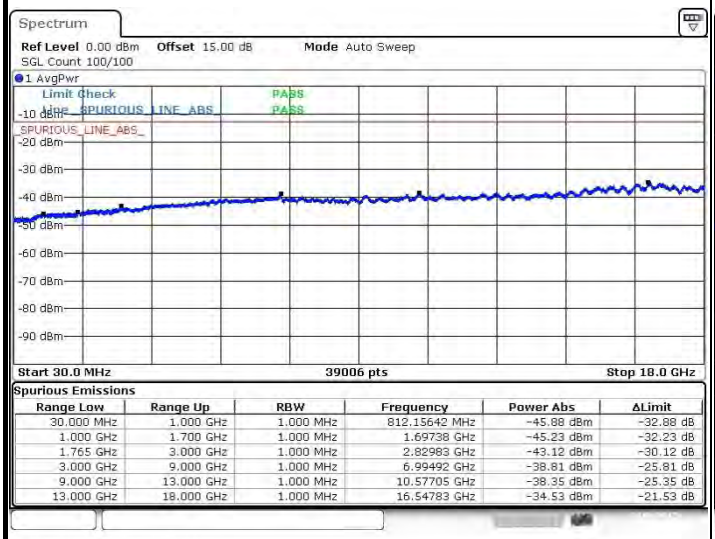
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-45.73 dBm	-32.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56269 GHz	-45.50 dBm	-32.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84424 GHz	-43.25 dBm	-30.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98742 GHz	-38.82 dBm	-25.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58205 GHz	-38.29 dBm	-25.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54991 GHz	-34.60 dBm	-21.60 dB

Date: 14.JUN.2015 10:31:56

LTE Band 4 / 5MHz

Highest Channel / QPSK

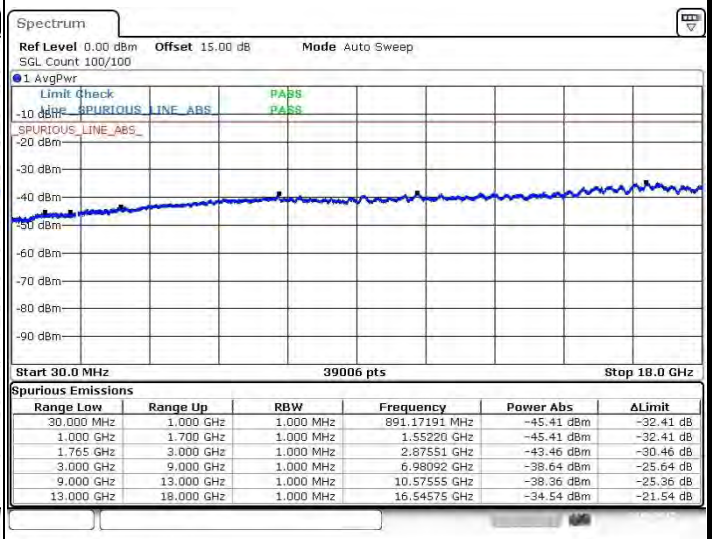


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	812.15642 MHz	-45.88 dBm	-32.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-45.23 dBm	-32.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82983 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-38.81 dBm	-25.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57705 GHz	-38.35 dBm	-25.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54783 GHz	-34.53 dBm	-21.53 dB

Date: 14.JUN.2015 10:38:37

Highest Channel / 16QAM



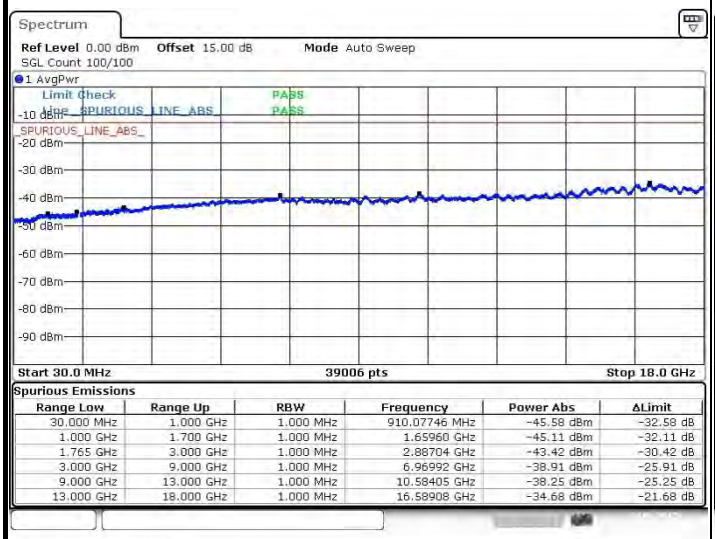
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-45.41 dBm	-32.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55220 GHz	-45.41 dBm	-32.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87551 GHz	-43.46 dBm	-30.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98092 GHz	-38.64 dBm	-25.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57555 GHz	-38.36 dBm	-25.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54575 GHz	-34.54 dBm	-21.54 dB

Date: 14.JUN.2015 10:39:50

LTE Band 4 / 10MHz

Lowest Channel / QPSK

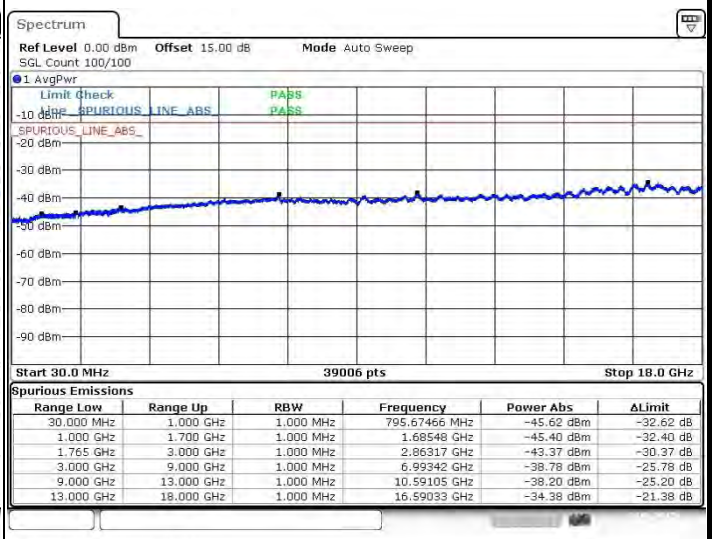


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65960 GHz	-45.11 dBm	-32.11 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.88704 GHz	-43.42 dBm	-30.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96992 GHz	-38.91 dBm	-25.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58405 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58908 GHz	-34.68 dBm	-21.68 dB

Date: 14.JUN.2015 10:47:17

Lowest Channel / 16QAM



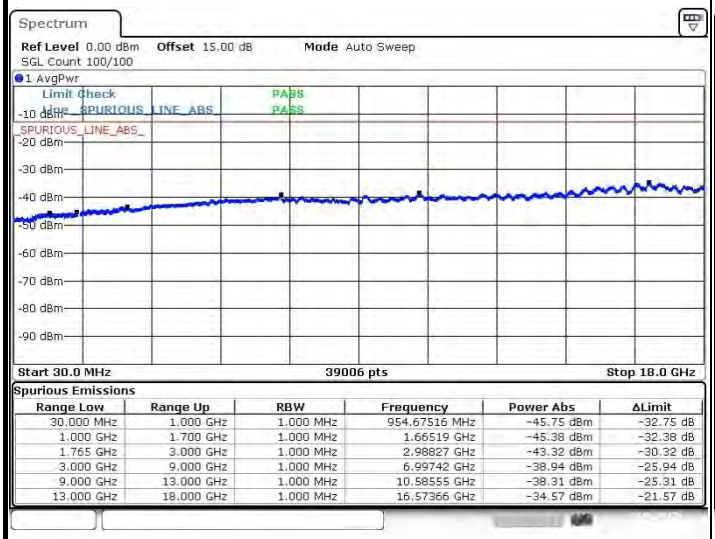
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	795.67466 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68548 GHz	-45.40 dBm	-32.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86317 GHz	-43.37 dBm	-30.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-38.78 dBm	-25.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59105 GHz	-38.20 dBm	-25.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59033 GHz	-34.38 dBm	-21.38 dB

Date: 14.JUN.2015 10:48:29

LTE Band 4 / 10MHz

Middle Channel / QPSK

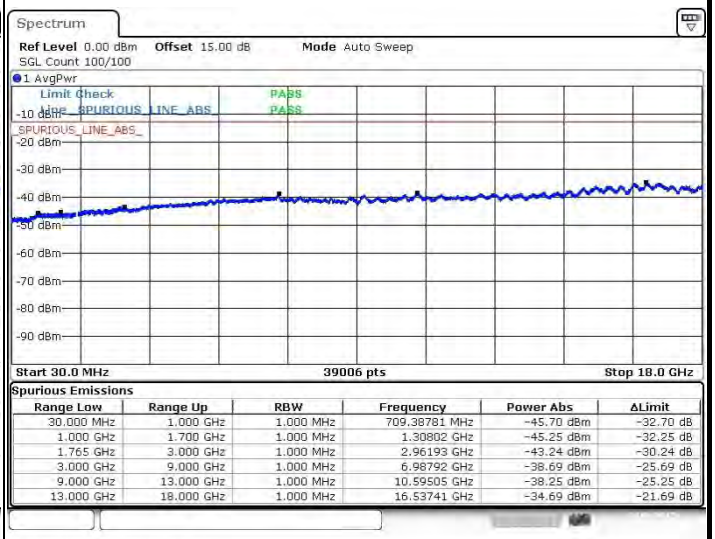


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66519 GHz	-45.38 dBm	-32.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98827 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-38.94 dBm	-25.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58555 GHz	-38.31 dBm	-25.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57366 GHz	-34.57 dBm	-21.57 dB

Date: 14.JUN.2015 10:50:29

Middle Channel / 16QAM

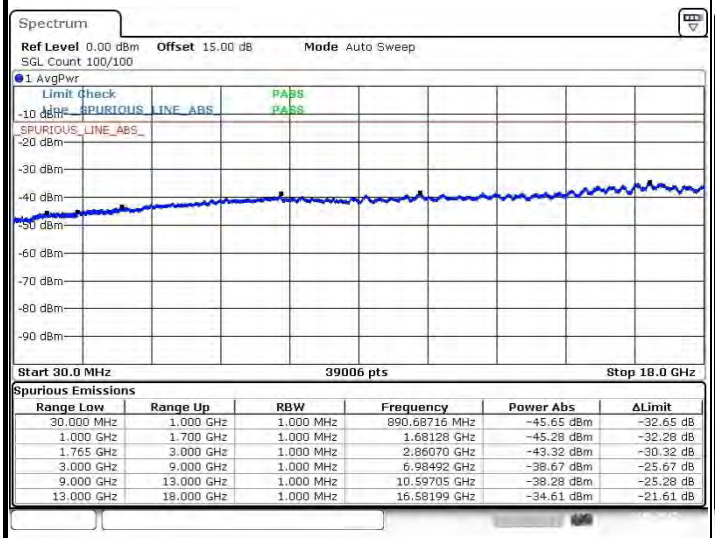


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	709.38781 MHz	-45.70 dBm	-32.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.30802 GHz	-45.25 dBm	-32.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96193 GHz	-43.24 dBm	-30.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59505 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53741 GHz	-34.69 dBm	-21.69 dB

Date: 14.JUN.2015 10:51:41

Highest Channel / QPSK

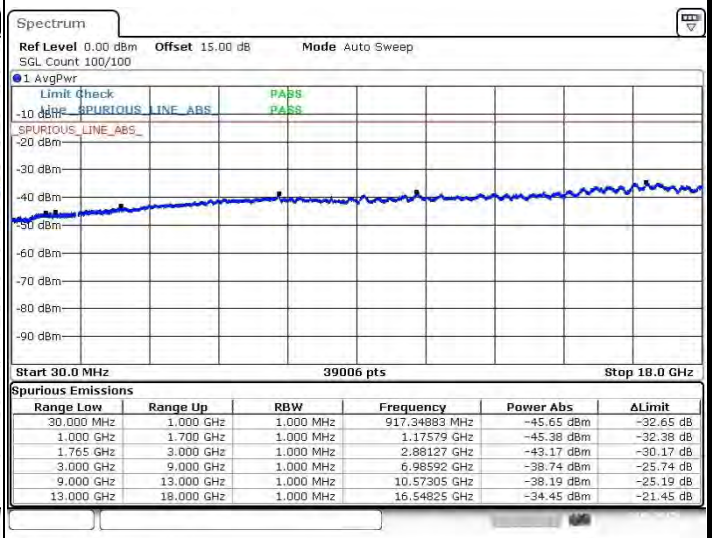


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.68716 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68128 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86070 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98492 GHz	-38.67 dBm	-25.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59705 GHz	-38.28 dBm	-25.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58199 GHz	-34.61 dBm	-21.61 dB

Date: 14.JUN.2015 10:56:22

Highest Channel / 16QAM



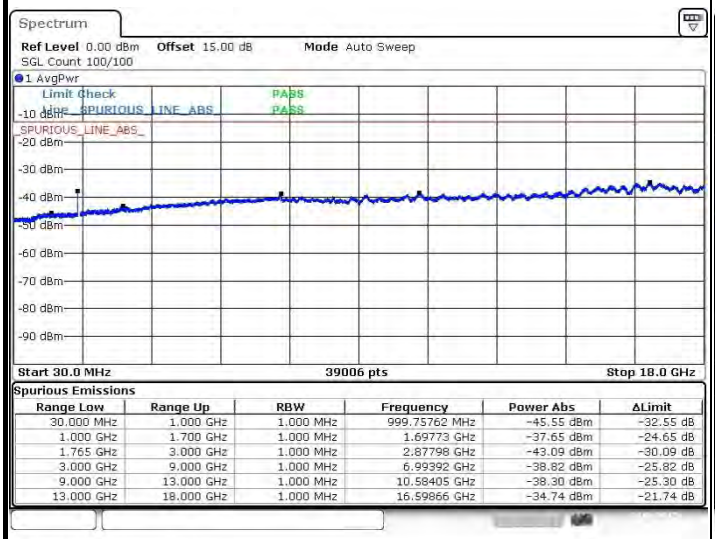
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.17579 GHz	-45.38 dBm	-32.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.88127 GHz	-43.17 dBm	-30.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-38.74 dBm	-25.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57305 GHz	-38.19 dBm	-25.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54825 GHz	-34.45 dBm	-21.45 dB

Date: 14.JUN.2015 10:59:35

LTE Band 4 / 15MHz

Lowest Channel / QPSK

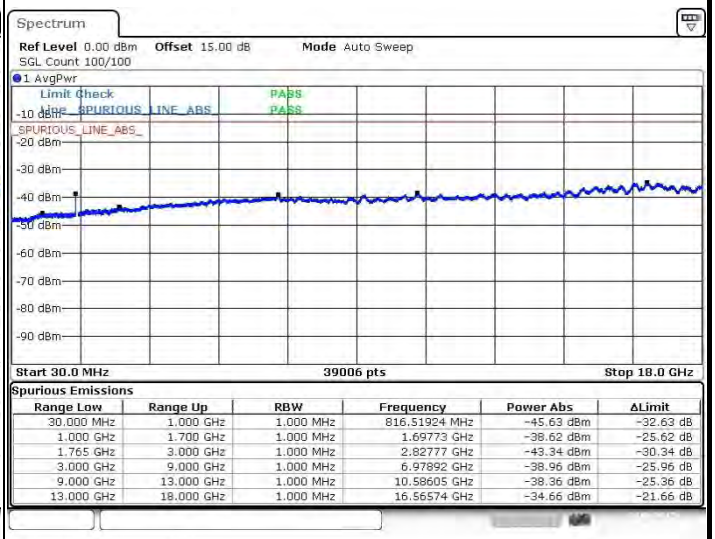


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-45.55 dBm	-32.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-37.65 dBm	-24.65 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87798 GHz	-43.09 dBm	-30.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-38.82 dBm	-25.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58405 GHz	-38.30 dBm	-25.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59866 GHz	-34.74 dBm	-21.74 dB

Date: 14.JUN.2015 11:06:16

Lowest Channel / 16QAM

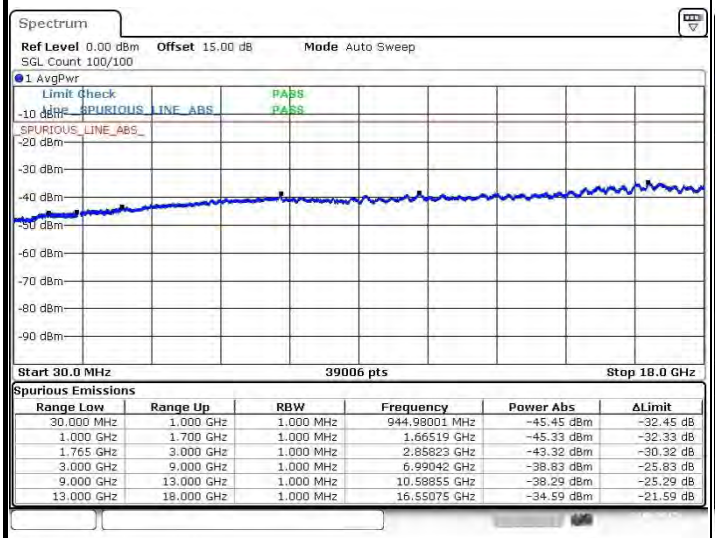


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	816.51924 MHz	-45.63 dBm	-32.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-38.62 dBm	-25.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82777 GHz	-43.34 dBm	-30.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-38.96 dBm	-25.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58605 GHz	-38.36 dBm	-25.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56574 GHz	-34.66 dBm	-21.66 dB

Date: 14.JUN.2015 11:07:29

Middle Channel / QPSK

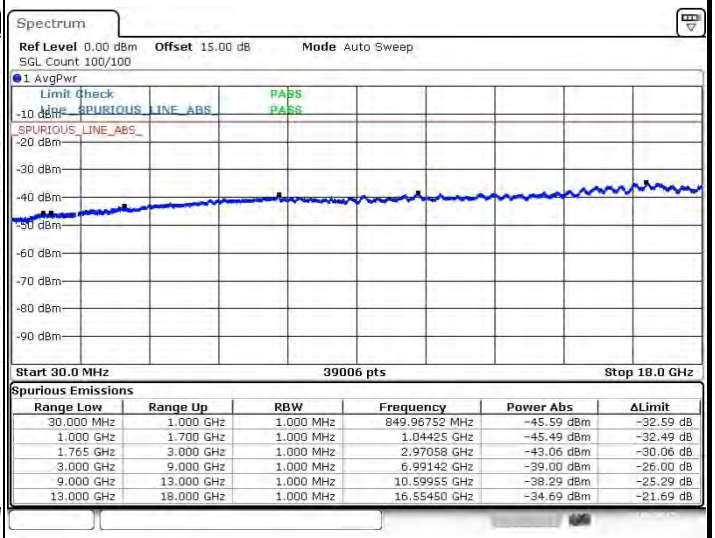


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-45.45 dBm	-32.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66519 GHz	-45.33 dBm	-32.33 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	6.99042 GHz	-38.83 dBm	-25.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58855 GHz	-38.29 dBm	-25.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55075 GHz	-34.59 dBm	-21.59 dB

Date: 14.JUN.2015 11:09:29

Middle Channel / 16QAM



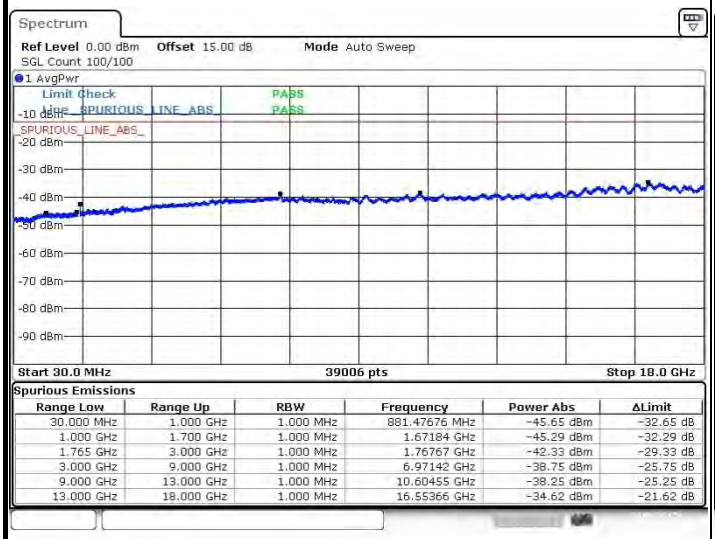
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.04425 GHz	-45.49 dBm	-32.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97058 GHz	-43.06 dBm	-30.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-39.00 dBm	-26.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59955 GHz	-38.29 dBm	-25.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55450 GHz	-34.69 dBm	-21.69 dB

Date: 14.JUN.2015 11:10:41

LTE Band 4 / 15MHz

Highest Channel / QPSK

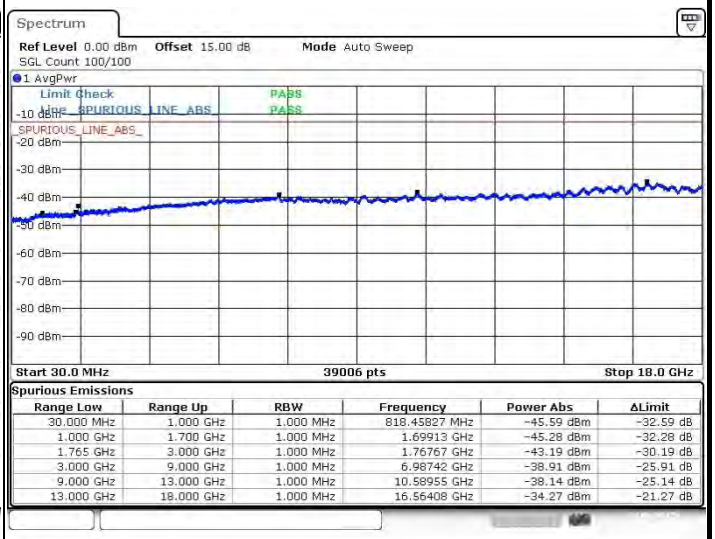


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-45.65 dBm	-32.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-42.33 dBm	-29.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97142 GHz	-38.75 dBm	-25.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60455 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55366 GHz	-34.62 dBm	-21.62 dB

Date: 14.JUN.2015 11:17:21

Highest Channel / 16QAM



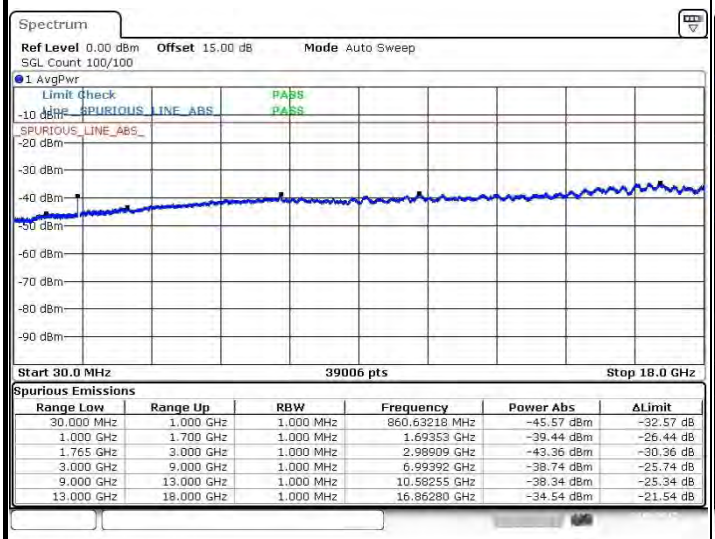
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	818.45827 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-43.19 dBm	-30.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98742 GHz	-38.91 dBm	-25.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58955 GHz	-38.14 dBm	-25.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56408 GHz	-34.27 dBm	-21.27 dB

Date: 14.JUN.2015 11:18:33

LTE Band 4 / 20MHz

Lowest Channel / QPSK

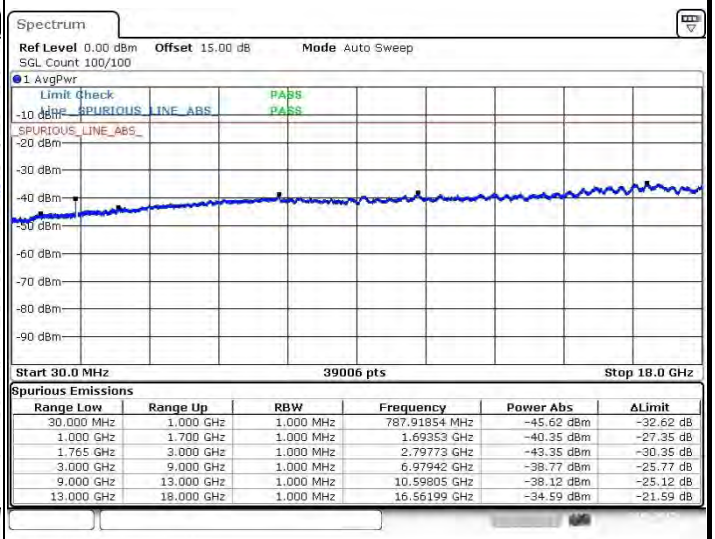


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.63218 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-39.44 dBm	-26.44 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98909 GHz	-43.36 dBm	-30.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-38.74 dBm	-25.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58255 GHz	-38.34 dBm	-25.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.86280 GHz	-34.54 dBm	-21.54 dB

Date: 14.JUN.2015 11:30:25

Lowest Channel / 16QAM



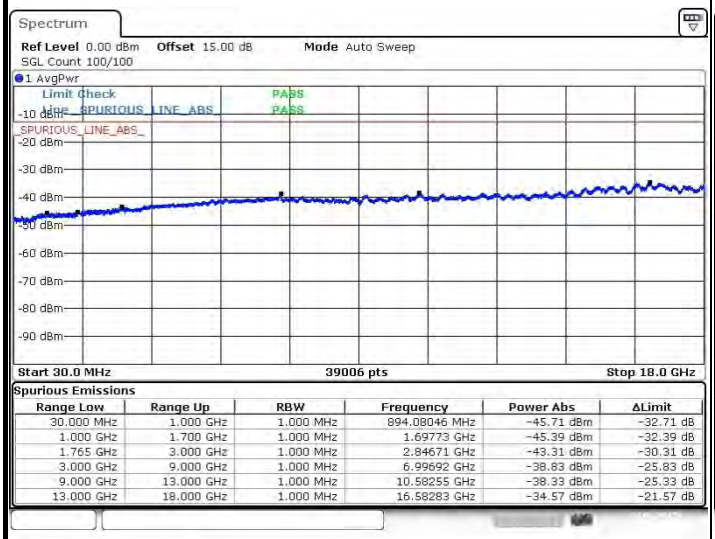
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	787.91854 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-40.35 dBm	-27.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79773 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97942 GHz	-38.77 dBm	-25.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59805 GHz	-38.12 dBm	-25.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56199 GHz	-34.59 dBm	-21.59 dB

Date: 14.JUN.2015 11:31:37

LTE Band 4 / 20MHz

Middle Channel / QPSK

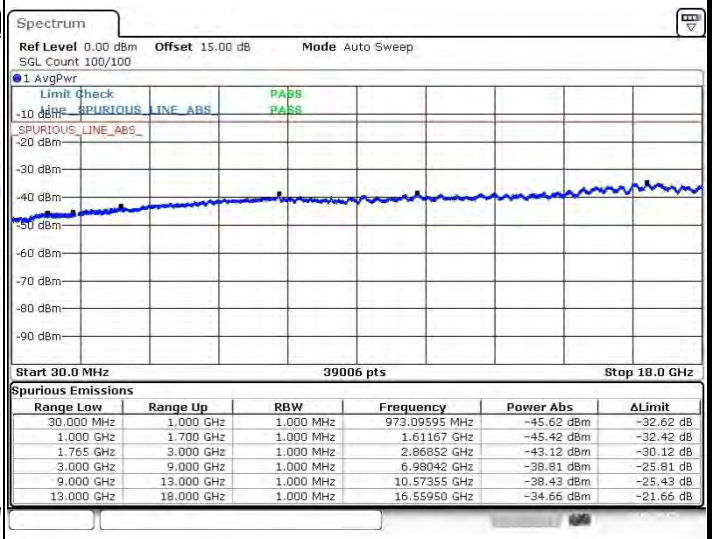


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.08046 MHz	-45.71 dBm	-32.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-45.39 dBm	-32.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84671 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-38.83 dBm	-25.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58255 GHz	-38.33 dBm	-25.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58283 GHz	-34.57 dBm	-21.57 dB

Date: 14.JUN.2015 11:33:37

Middle Channel / 16QAM

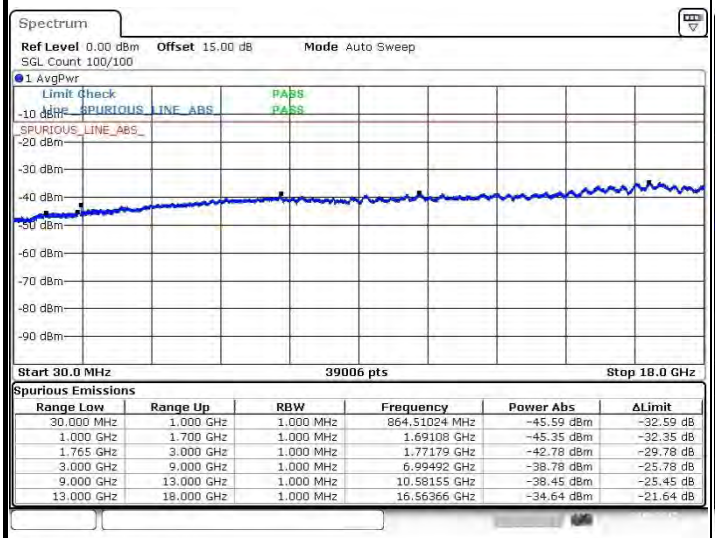


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61167 GHz	-45.42 dBm	-32.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86852 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98042 GHz	-38.81 dBm	-25.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57355 GHz	-38.43 dBm	-25.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55950 GHz	-34.66 dBm	-21.66 dB

Date: 14.JUN.2015 11:34:50

Highest Channel / QPSK

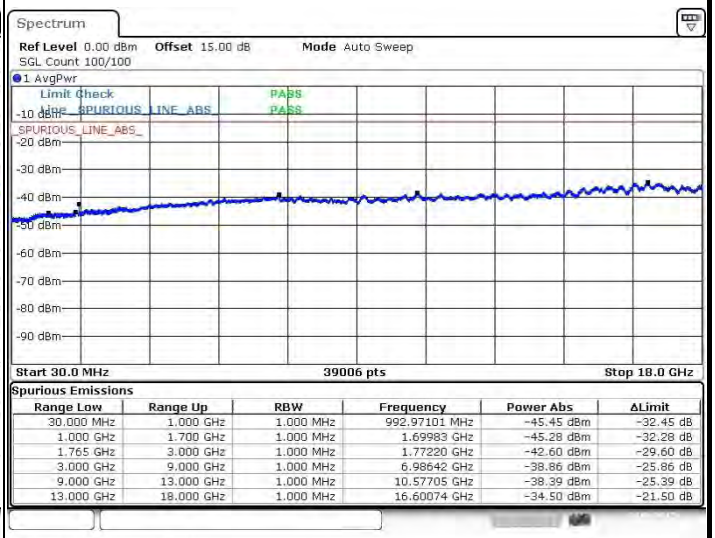


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.51024 MHz	-45.59 dBm	-32.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69108 GHz	-45.35 dBm	-32.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-42.78 dBm	-29.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-38.78 dBm	-25.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58155 GHz	-38.45 dBm	-25.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56366 GHz	-34.64 dBm	-21.64 dB

Date: 14.JUN.2015 11:41:30

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-45.45 dBm	-32.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-42.60 dBm	-29.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-38.86 dBm	-25.86 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57705 GHz	-38.39 dBm	-25.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60074 GHz	-34.50 dBm	-21.50 dB

Date: 14.JUN.2015 11:42:43

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	0.0017	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.7 V.；Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

LTE Band 7

Conducted Output Power(Average power)

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.84	22.79	22.84
5	1	12		22.78	23.00	22.90
5	1	24		23.00	22.96	22.82
5	12	0		22.09	21.82	21.86
5	12	6		22.08	21.93	21.89
5	12	11		22.13	21.85	21.84
5	25	0		22.14	21.88	21.82
5	1	0	16-QAM	22.09	22.24	22.45
5	1	12		22.64	22.07	22.44
5	1	24		22.65	22.21	22.06
5	12	0		21.07	20.72	20.85
5	12	6		21.18	20.77	20.97
5	12	11		21.09	20.73	20.89
5	25	0		21.21	20.91	20.88
10	1	0	QPSK	23.60	23.19	23.02
10	1	24		23.16	23.01	22.90
10	1	49		23.36	22.94	23.05
10	25	0		22.18	21.90	21.90
10	25	12		22.42	21.93	21.87
10	25	24		22.29	21.88	21.87
10	50	0		22.14	21.96	21.85
10	1	0	16-QAM	22.97	22.38	22.36
10	1	24		22.52	21.84	21.85
10	1	49		22.28	22.20	22.45
10	25	0		21.32	21.06	21.00
10	25	12		21.18	21.11	20.94
10	25	24		21.26	20.94	20.92
10	50	0		21.32	20.99	20.73

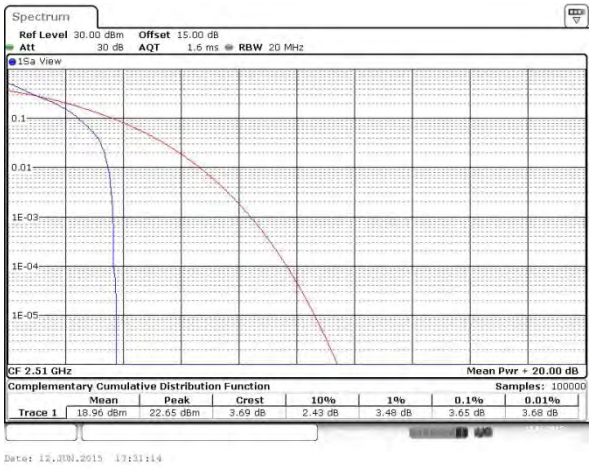
LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.56	23.07	23.28
15	1	37		23.35	22.94	22.86
15	1	74		23.23	23.01	22.82
15	36	0		22.21	21.91	22.13
15	36	18		22.17	21.85	21.91
15	36	37		22.24	21.97	21.80
15	75	0		22.08	21.92	21.99
15	1	0	16-QAM	22.97	22.32	22.89
15	1	37		22.26	22.43	22.19
15	1	74		22.69	22.50	22.17
15	36	0		21.22	20.90	21.16
15	36	18		21.08	20.87	20.94
15	36	37		21.06	21.02	20.86
15	75	0		21.24	20.82	20.78
20	1	0	QPSK	23.64	23.06	23.12
20	1	49		23.33	23.05	23.04
20	1	99		23.06	22.95	22.78
20	50	0		22.17	22.01	22.15
20	50	24		21.96	21.94	22.01
20	50	49		22.04	22.09	21.80
20	100	0		22.43	21.93	22.01
20	1	0	16-QAM	22.96	22.25	22.68
20	1	49		22.21	22.56	22.18
20	1	99		22.22	21.99	22.18
20	50	0		21.15	20.88	21.15
20	50	24		21.07	20.86	20.99
20	50	49		21.12	20.85	20.74
20	100	0		21.00	20.84	20.94

Peak-to-Average Ratio

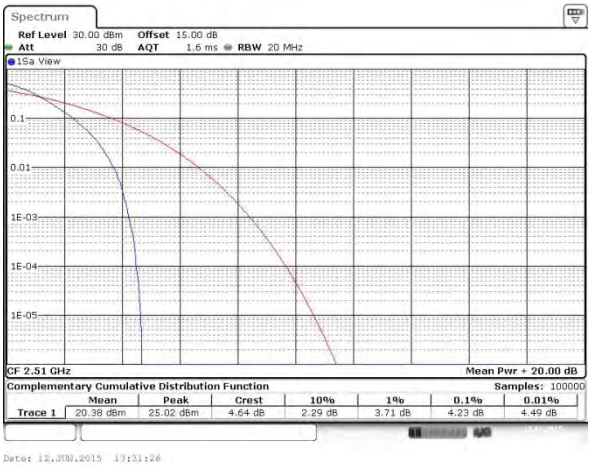
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.65	4.23	3.91	5.33	PASS
Middle CH	3.74	4.49	4.14	5.51	
Highest CH	4.09	4.29	4.67	5.33	

LTE Band 7 / 20MHz / QPSK

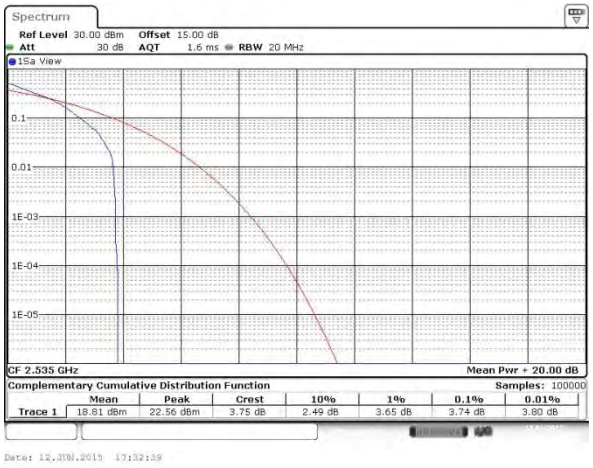
Lowest Channel / 1RB



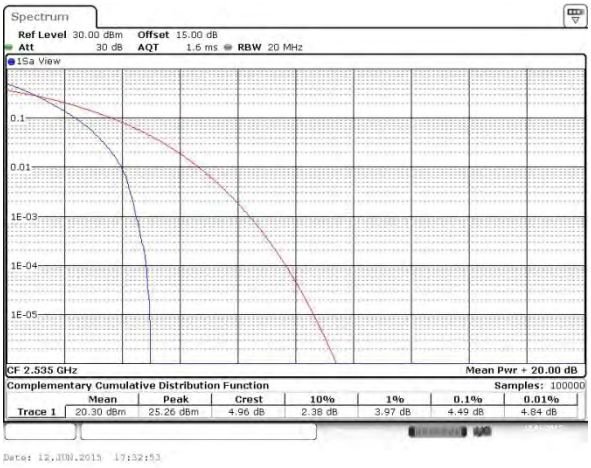
Lowest Channel / Full RB



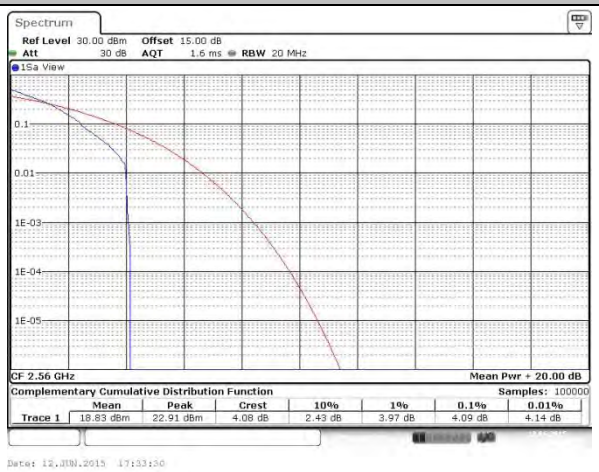
Middle Channel / 1RB



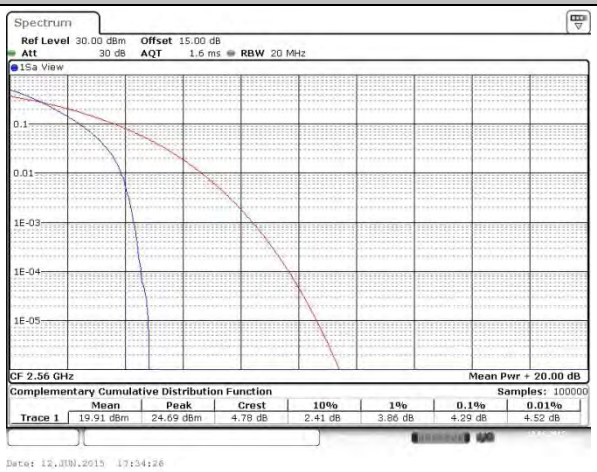
Middle Channel / Full RB



Highest Channel / 1RB

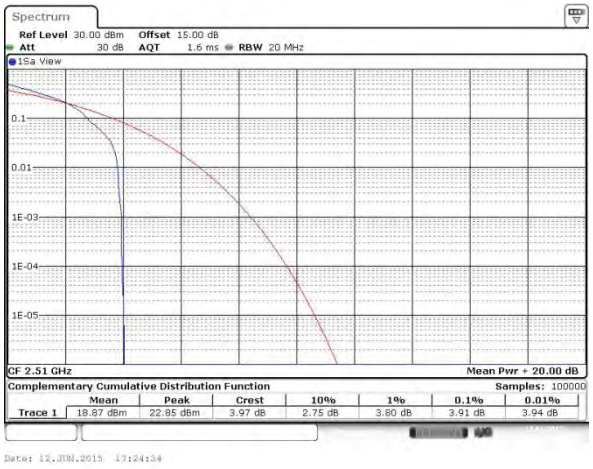


Highest Channel / Full RB

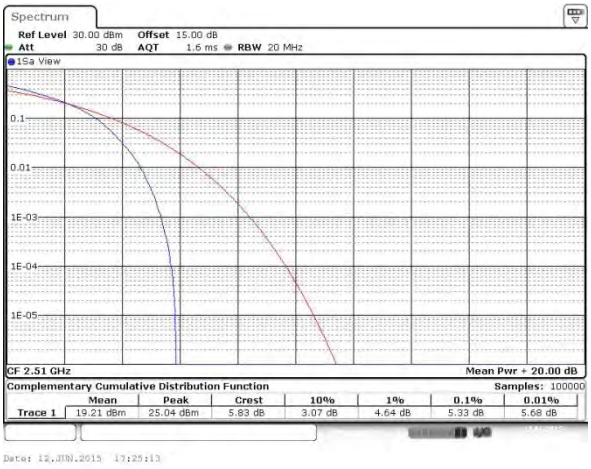


LTE Band 7 / 20MHz / 16QAM

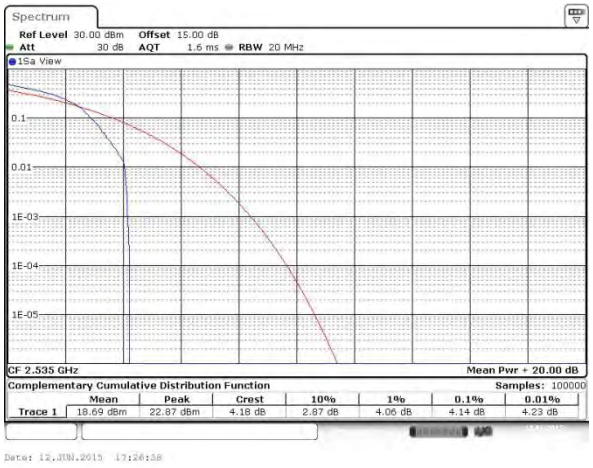
Lowest Channel / 1RB



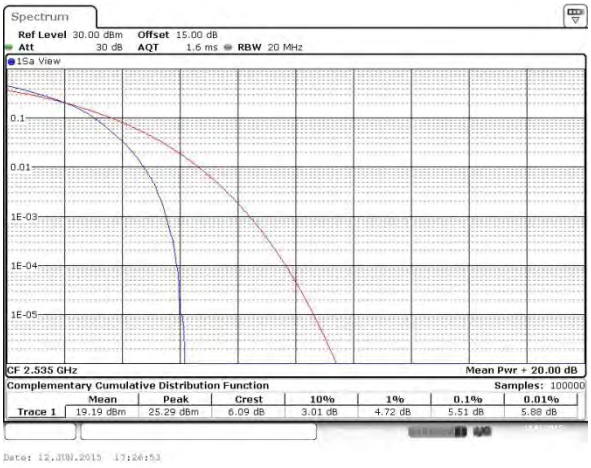
Lowest Channel / Full RB



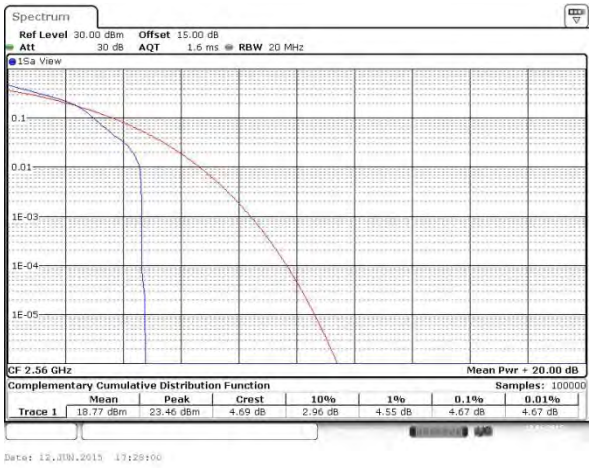
Middle Channel / 1RB



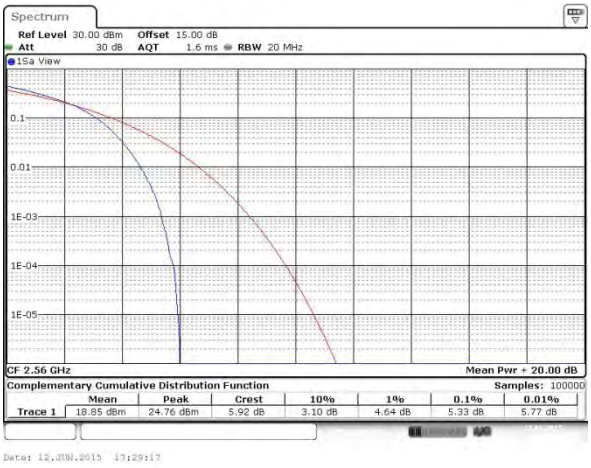
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

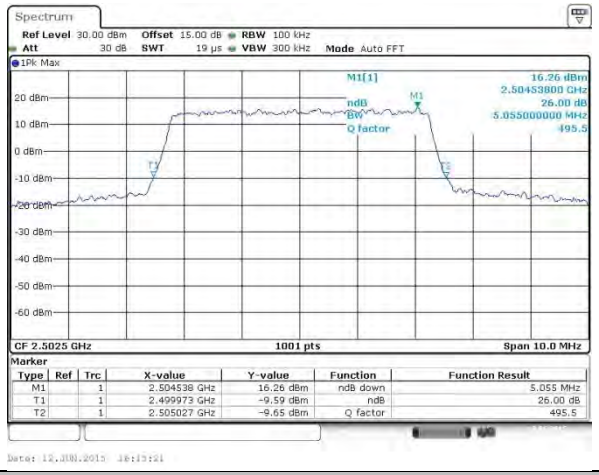


26dB Bandwidth

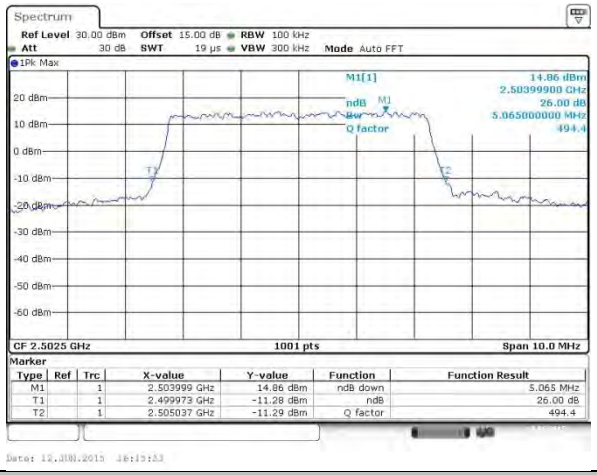
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.06	5.07	10.09	10.09	14.63	14.69	20.34	20.34
Middle CH	-	-	-	-	5.07	5.07	10.09	10.01	14.57	14.90	20.54	20.26
Highest CH	-	-	-	-	5.08	5.04	10.09	10.03	14.90	14.54	20.22	20.26

LTE Band 7

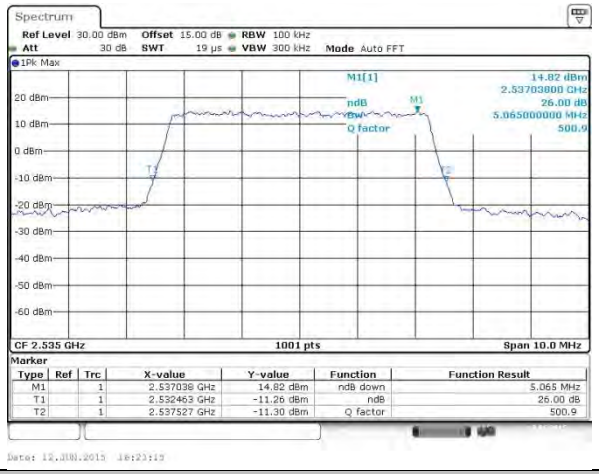
Lowest Channel / 5MHz / QPSK



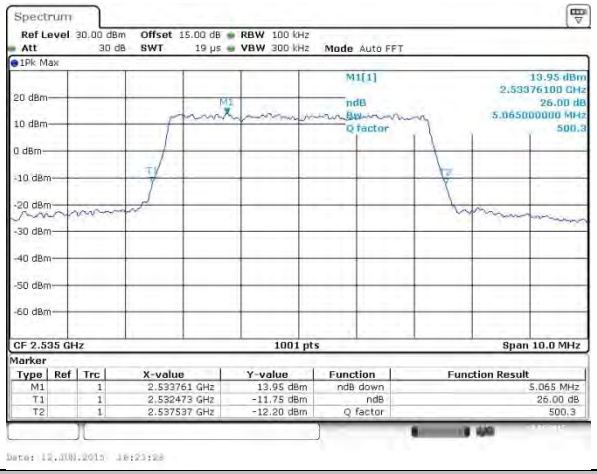
Lowest Channel / 5MHz / 16QAM



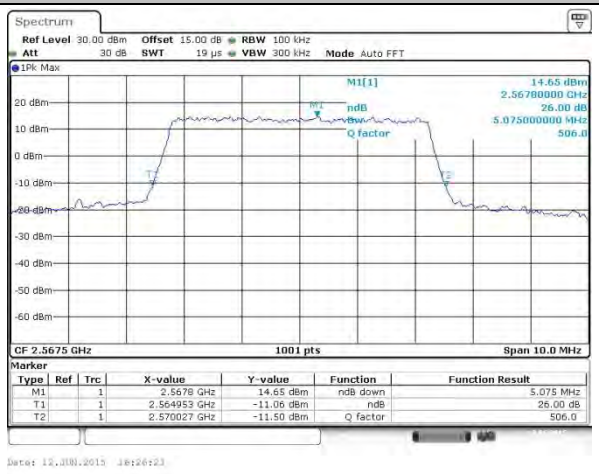
Middle Channel / 5MHz / QPSK



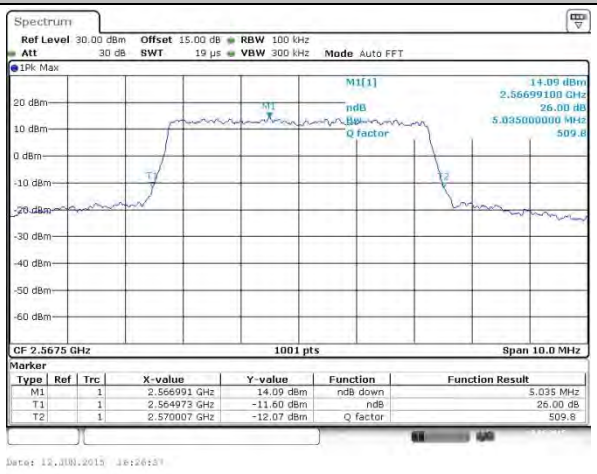
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

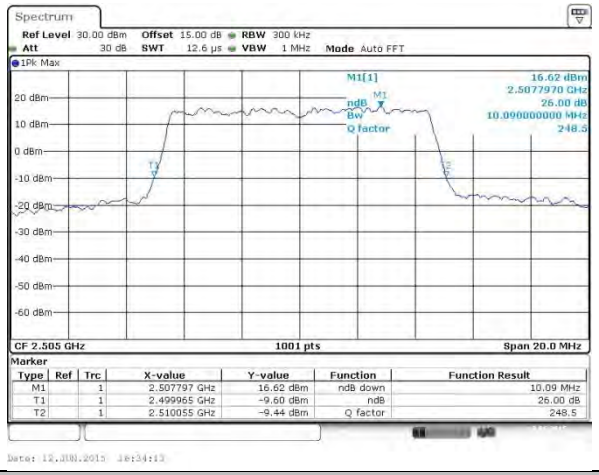


Highest Channel / 5MHz / 16QAM

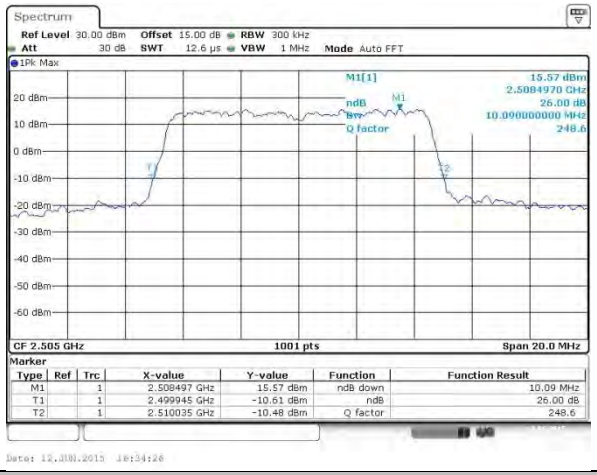


LTE Band 7

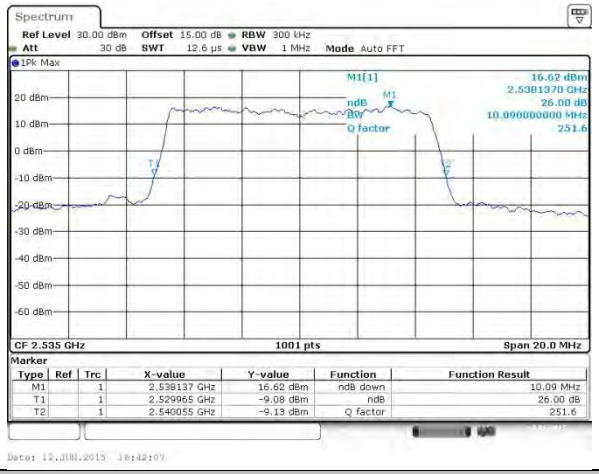
Lowest Channel / 10MHz / QPSK



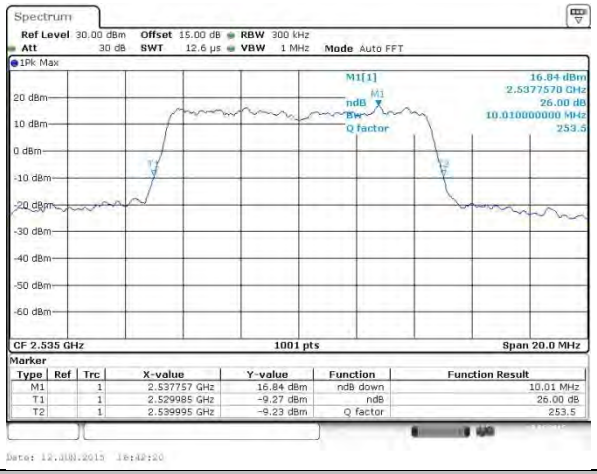
Lowest Channel / 10MHz / 16QAM



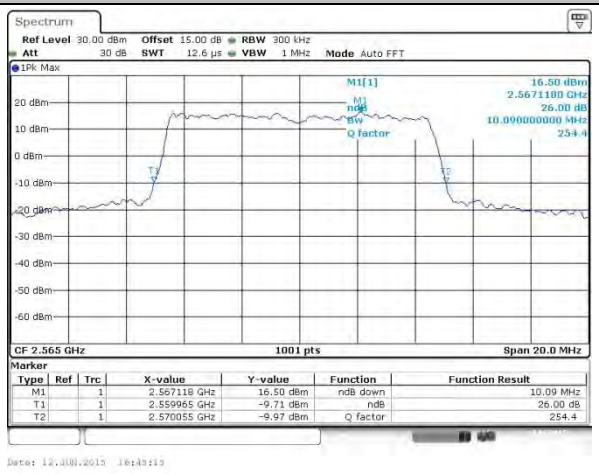
Middle Channel / 10MHz / QPSK



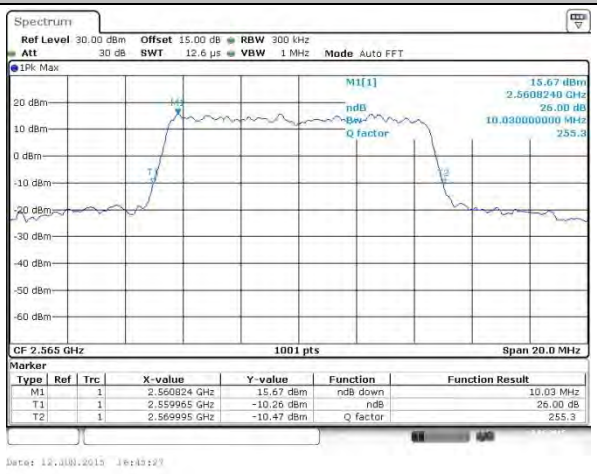
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

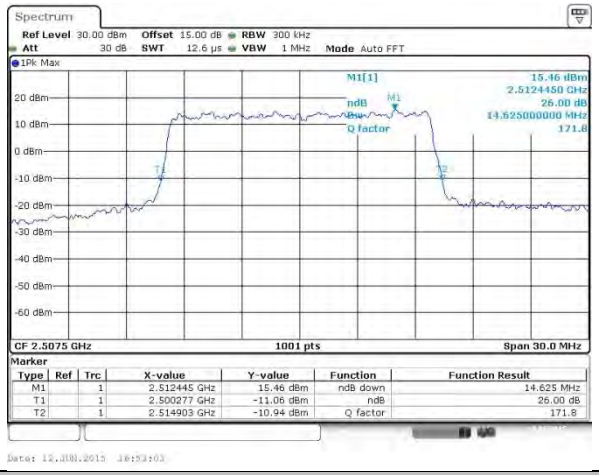


Highest Channel / 10MHz / 16QAM

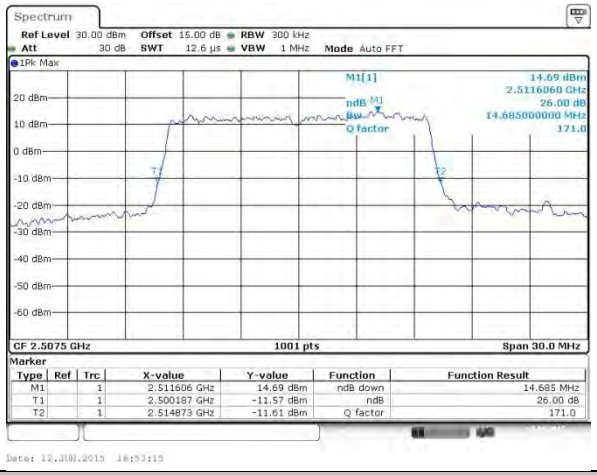


LTE Band 7

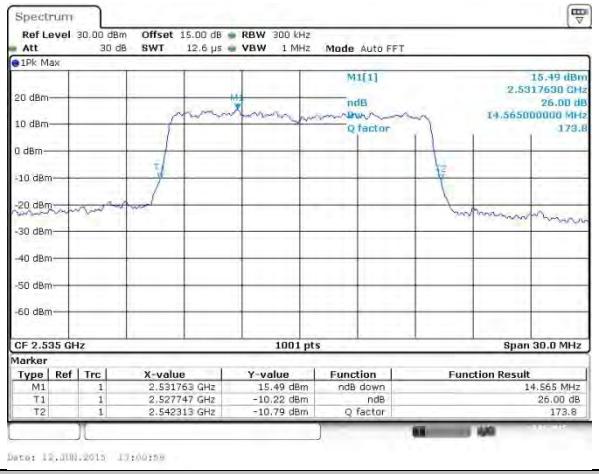
Lowest Channel / 15MHz / QPSK



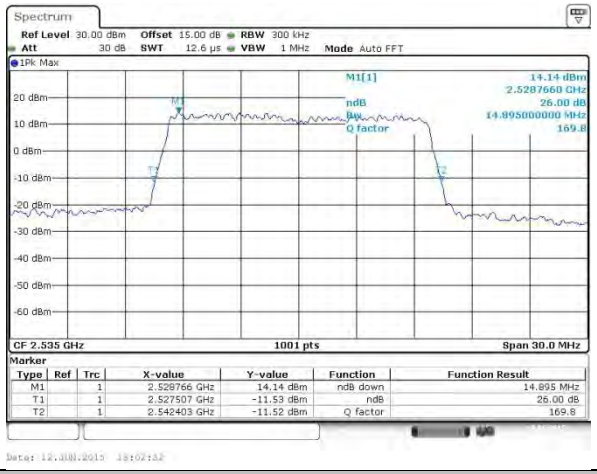
Lowest Channel / 15MHz / 16QAM



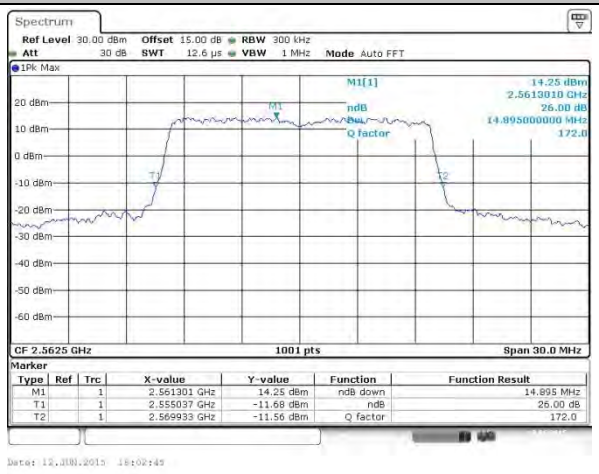
Middle Channel / 15MHz / QPSK



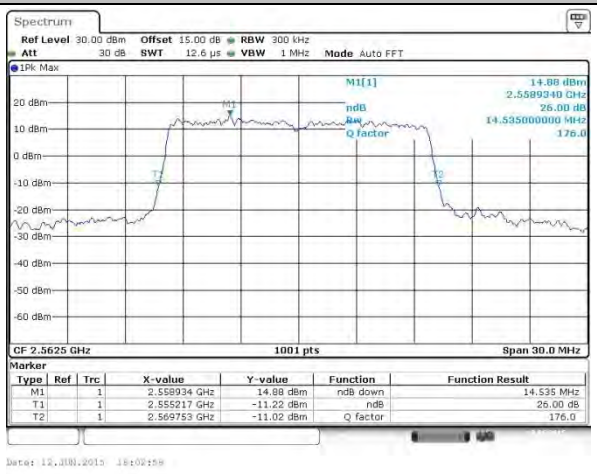
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

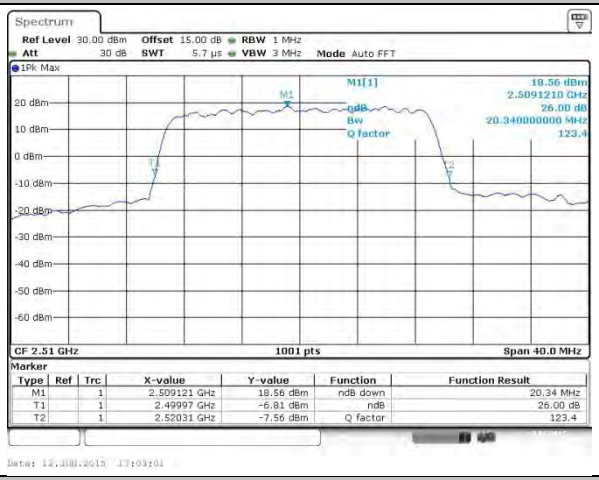


Highest Channel / 15MHz / 16QAM

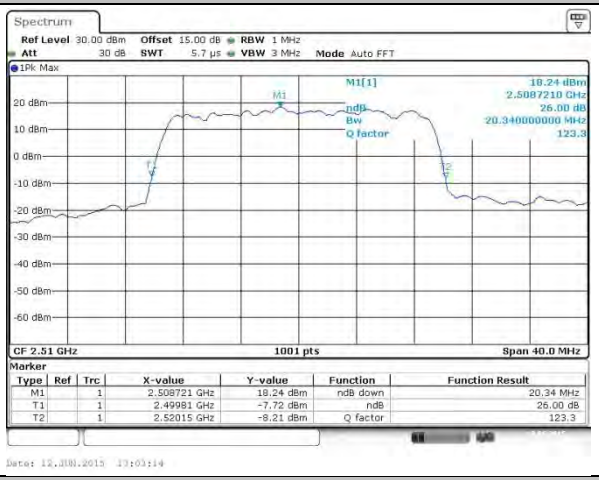


LTE Band 7

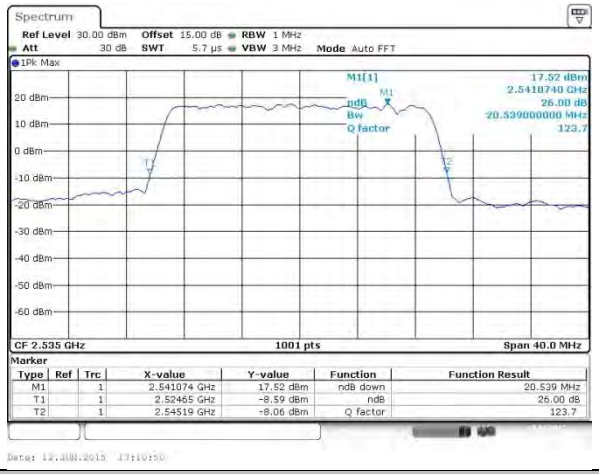
Lowest Channel / 20MHz / QPSK



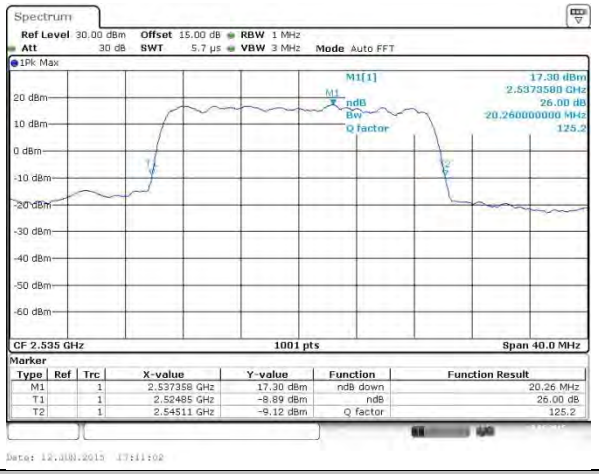
Lowest Channel / 20MHz / 16QAM



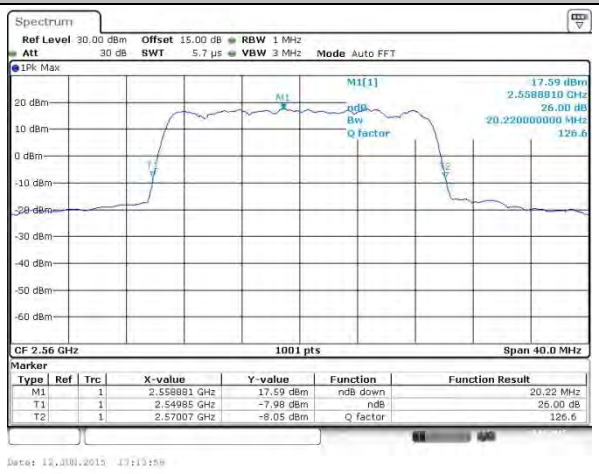
Middle Channel / 20MHz / QPSK



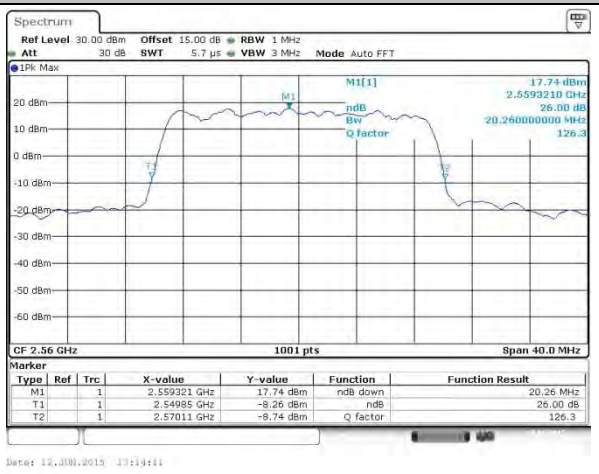
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

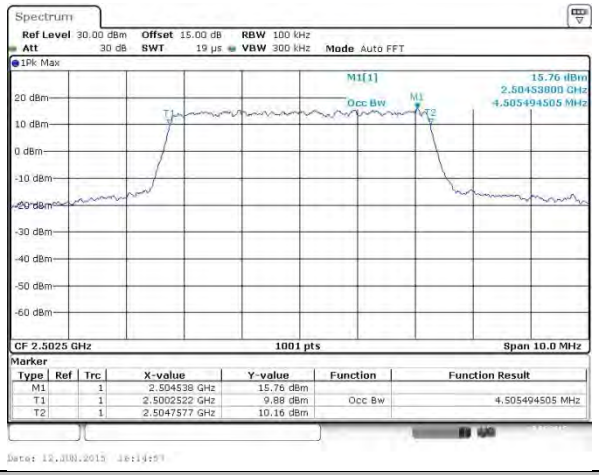


Occupied Bandwidth

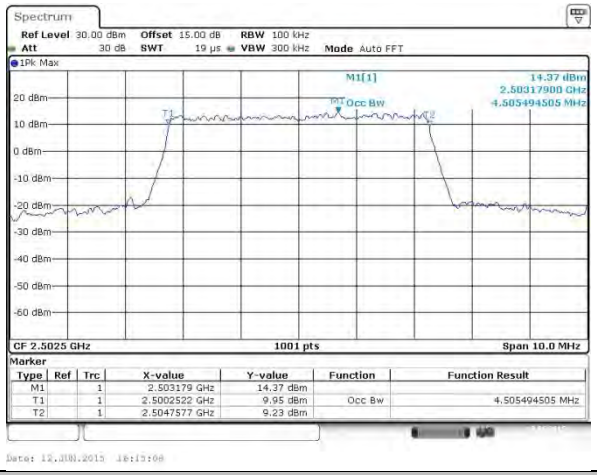
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.09	9.05	13.52	13.46	18.34	18.38
Middle CH	-	-	-	-	4.51	4.50	9.09	9.01	13.49	13.46	18.42	18.46
Highest CH	-	-	-	-	4.52	4.51	9.05	9.01	13.46	13.46	18.34	18.30

LTE Band 7

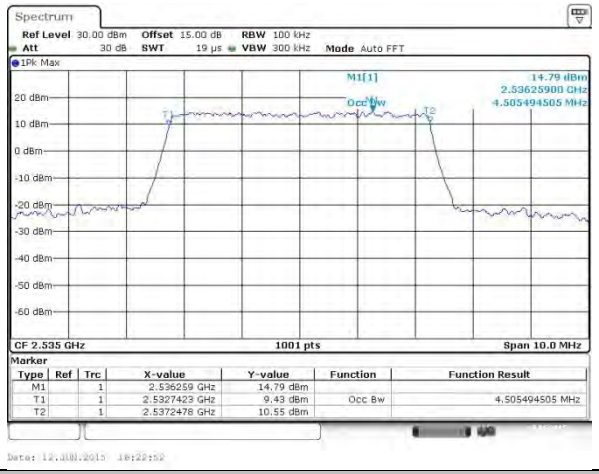
Lowest Channel / 5MHz / QPSK



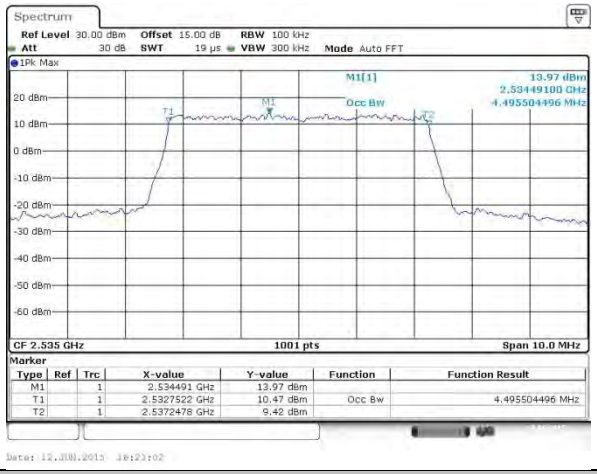
Lowest Channel / 5MHz / 16QAM



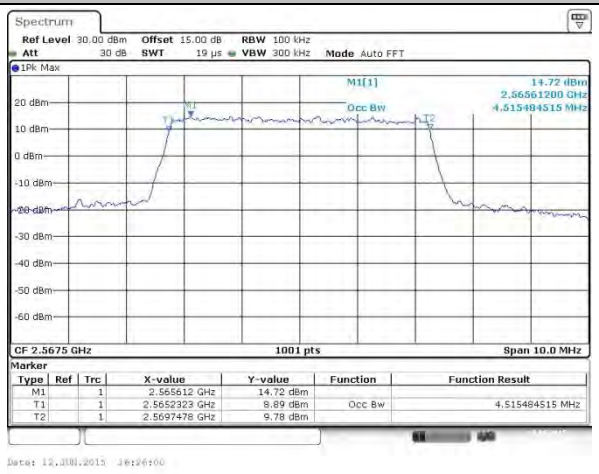
Middle Channel / 5MHz / QPSK



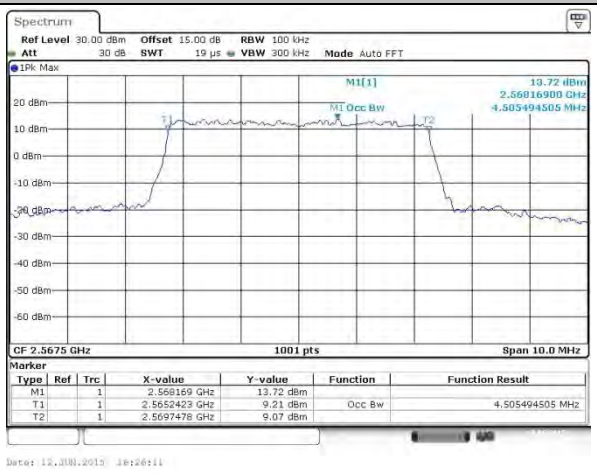
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

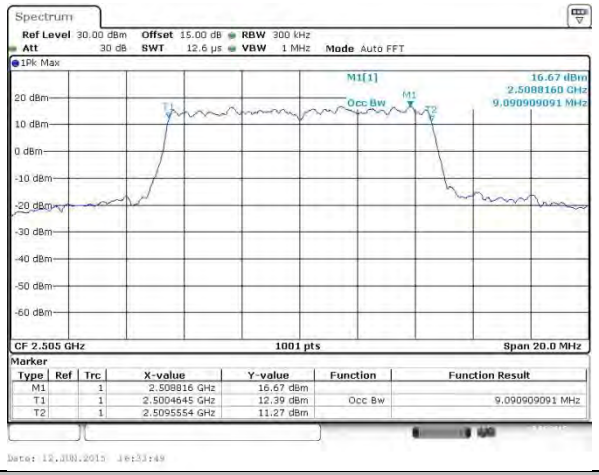


Highest Channel / 5MHz / 16QAM

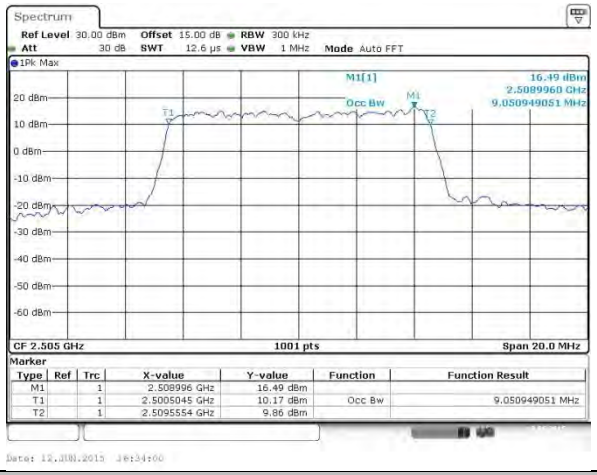


LTE Band 7

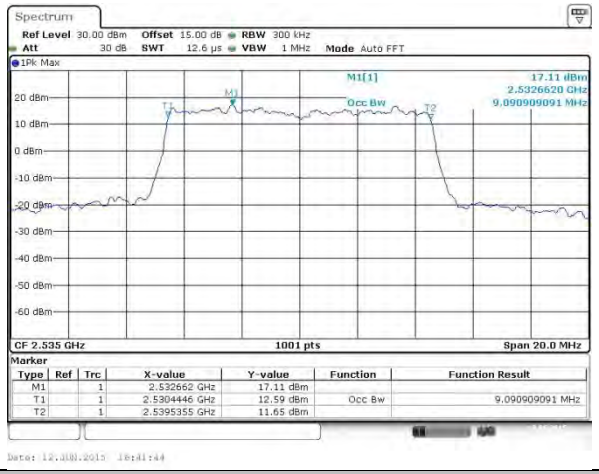
Lowest Channel / 10MHz / QPSK



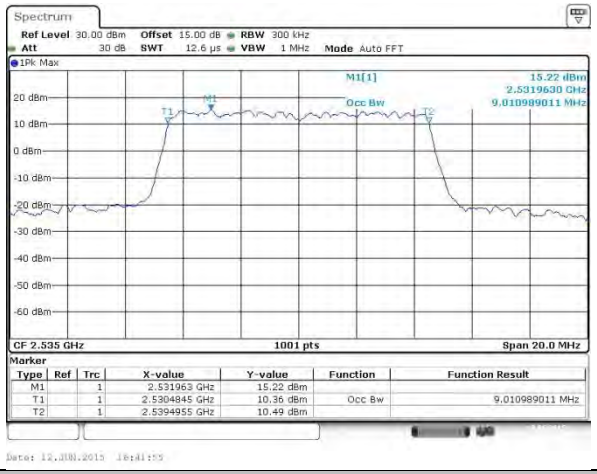
Lowest Channel / 10MHz / 16QAM



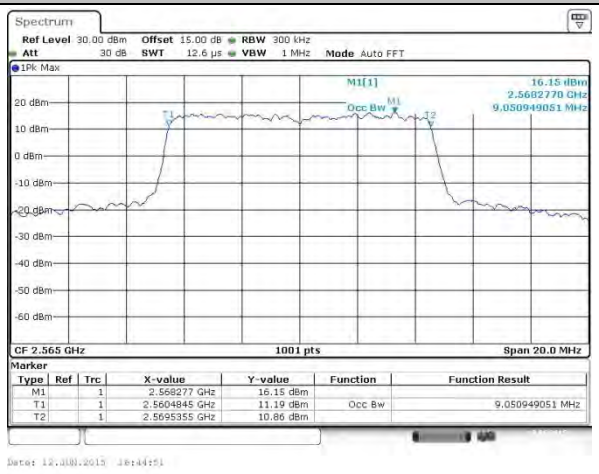
Middle Channel / 10MHz / QPSK



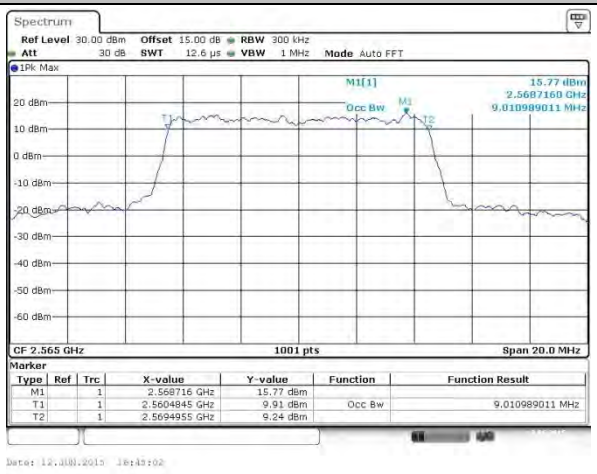
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

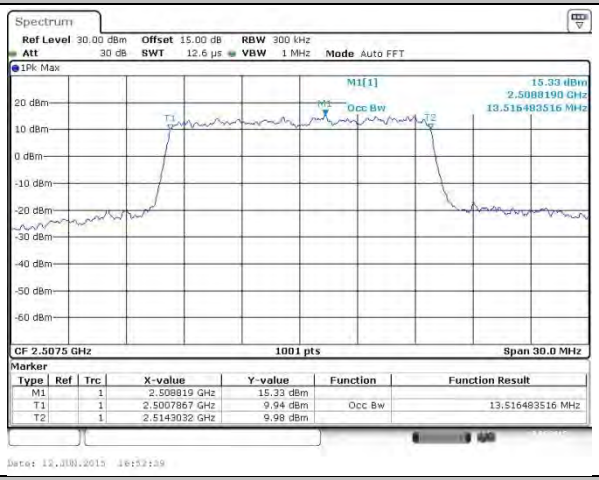


Highest Channel / 10MHz / 16QAM

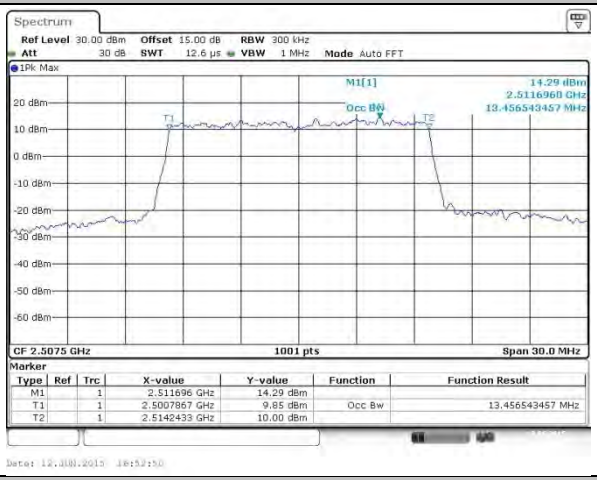


LTE Band 7

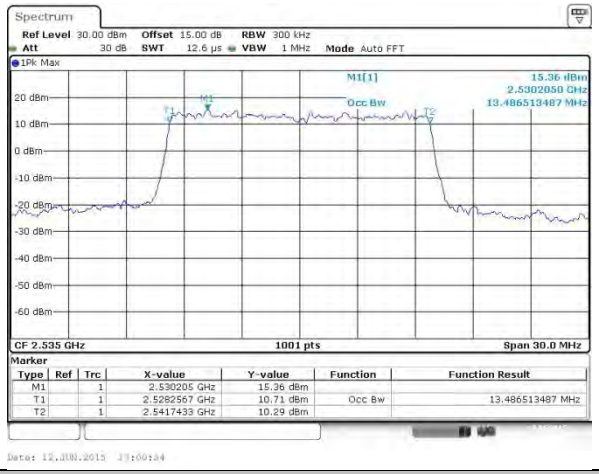
Lowest Channel / 15MHz / QPSK



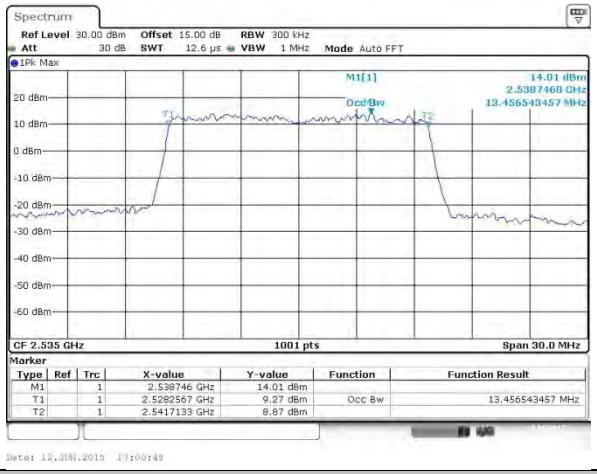
Lowest Channel / 15MHz / 16QAM



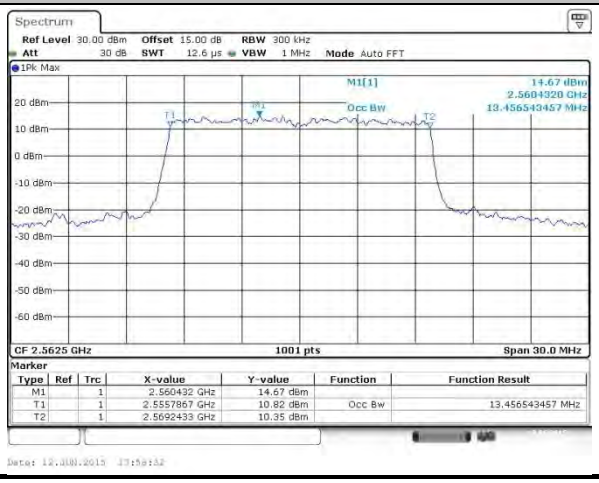
Middle Channel / 15MHz / QPSK



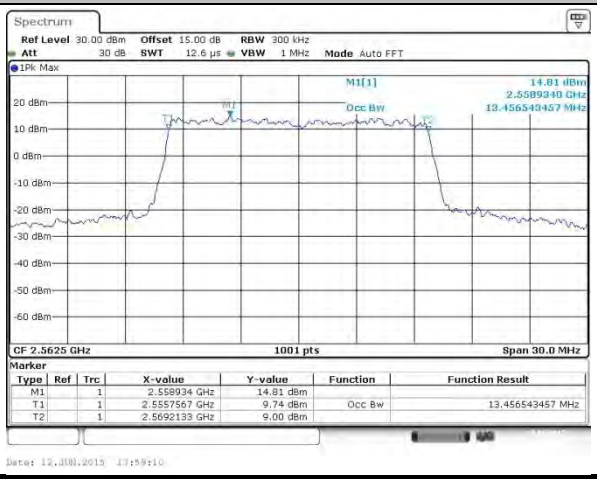
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

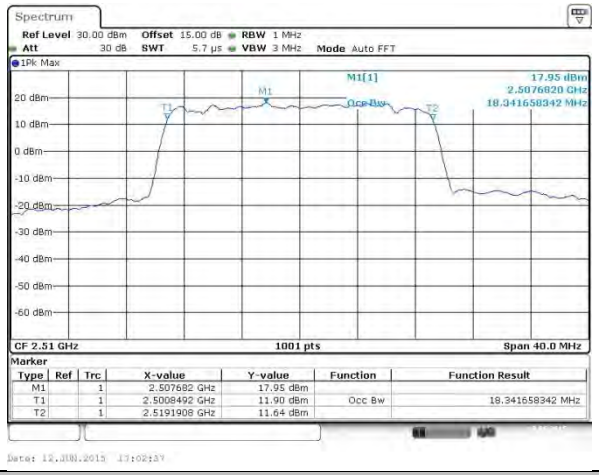


Highest Channel / 15MHz / 16QAM

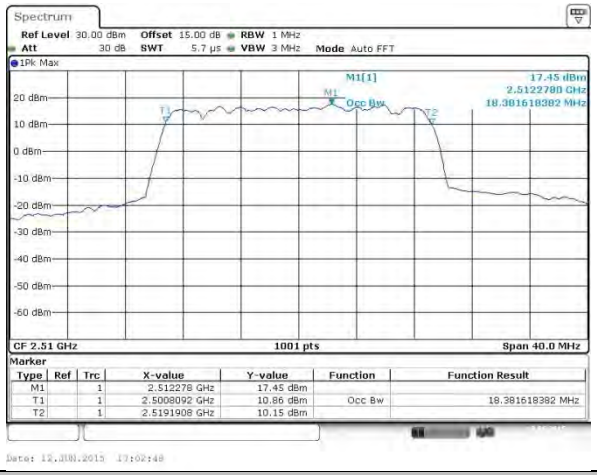


LTE Band 7

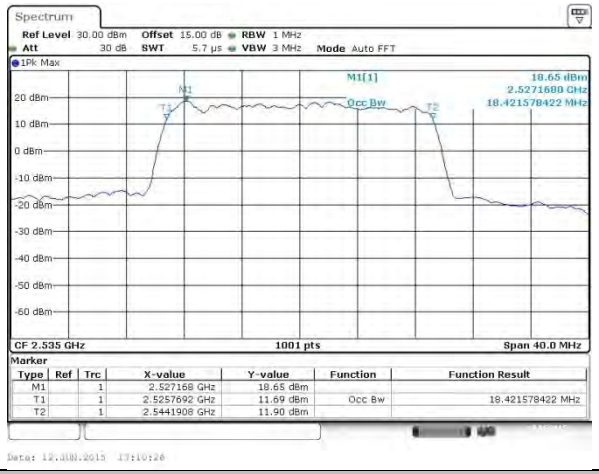
Lowest Channel / 20MHz / QPSK



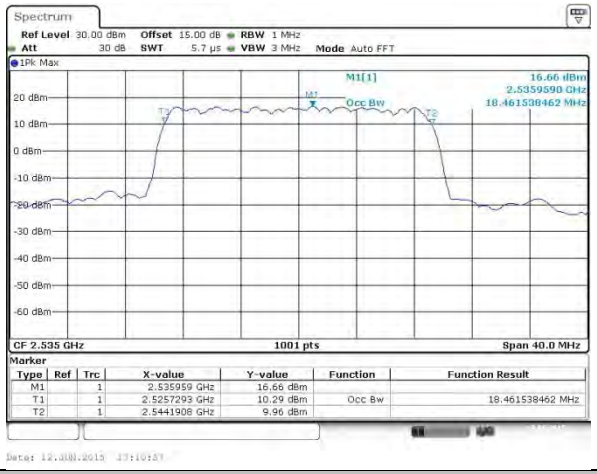
Lowest Channel / 20MHz / 16QAM



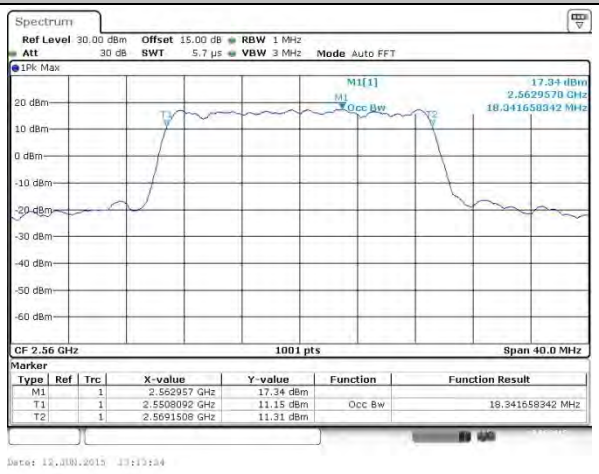
Middle Channel / 20MHz / QPSK



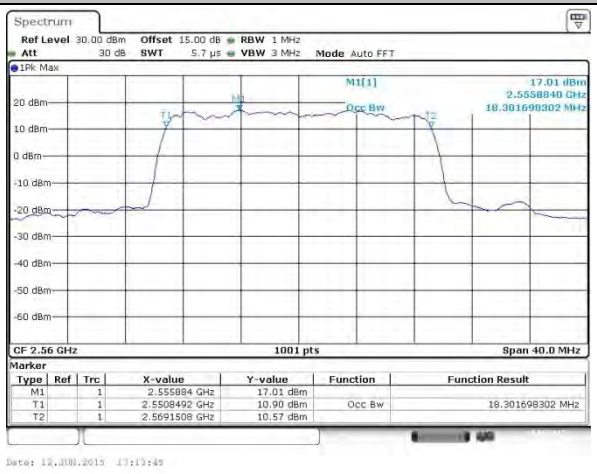
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



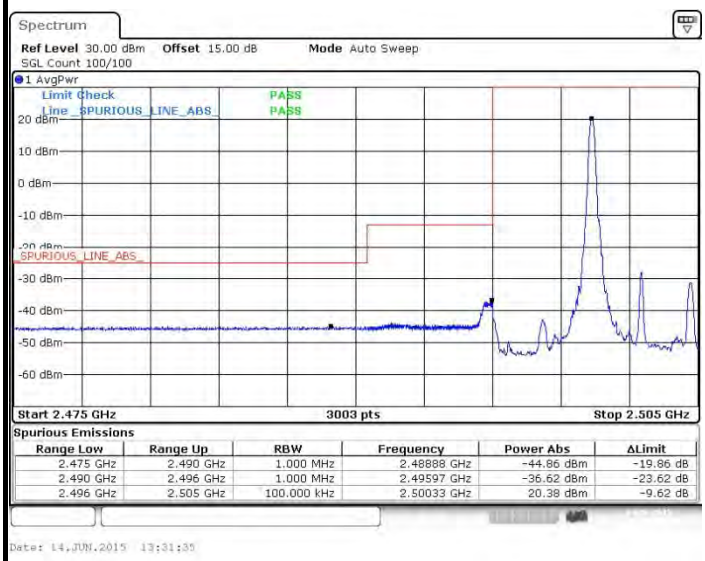
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

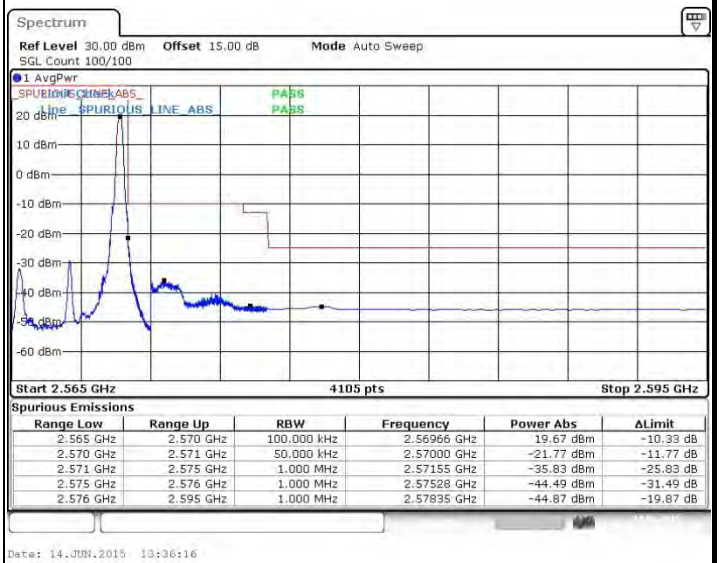


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48888 GHz	-44.86 dBm	-19.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-36.62 dBm	-23.62 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.38 dBm	-9.62 dB

Date: 14.JUN.2015 13:31:35

Highest Band Edge / 1 RB

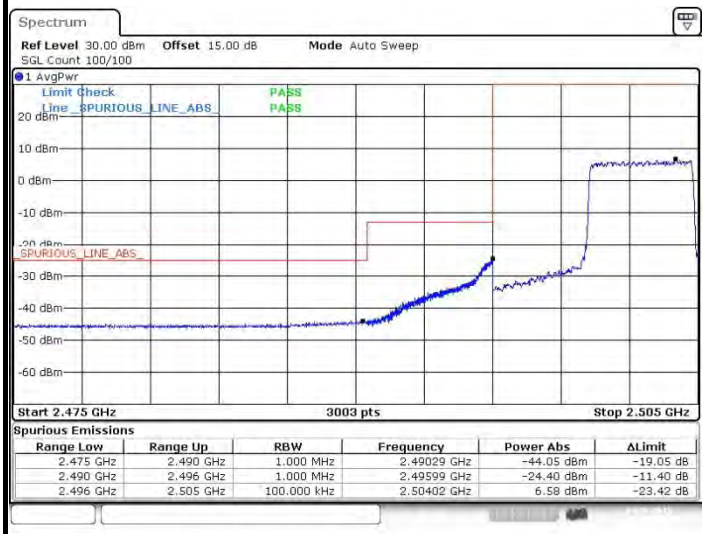


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	19.67 dBm	-10.33 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-21.77 dBm	-11.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57155 GHz	-35.83 dBm	-25.83 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57528 GHz	-44.49 dBm	-31.49 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57835 GHz	-44.87 dBm	-19.87 dB

Date: 14.JUN.2015 13:36:16

Lowest Band Edge / Full RB

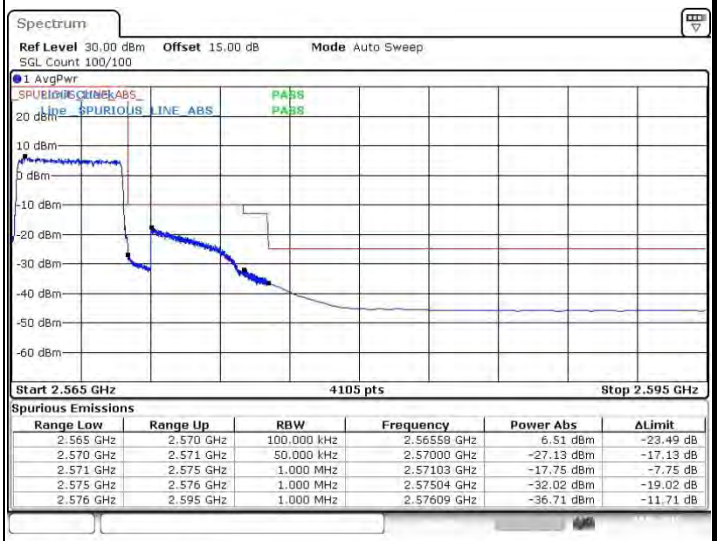


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49029 GHz	-44.05 dBm	-19.05 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-24.40 dBm	-11.40 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50402 GHz	6.58 dBm	-23.42 dB

Date: 14.JUN.2015 13:33:56

Highest Band Edge / Full RB



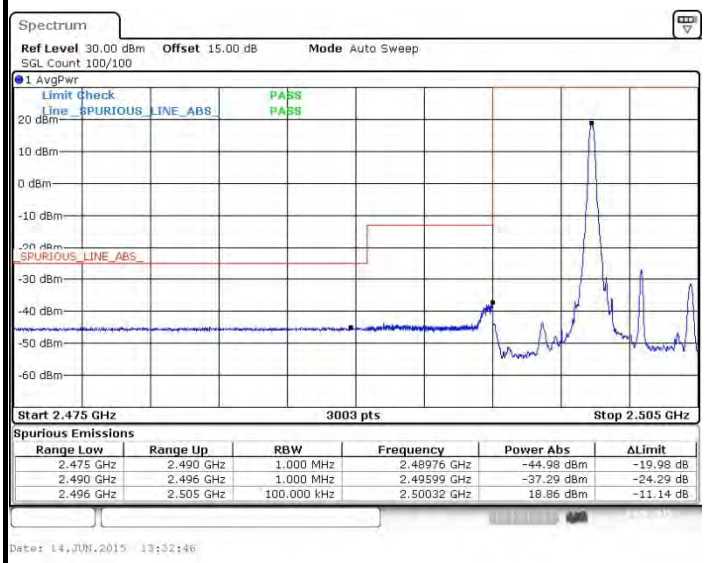
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56558 GHz	6.51 dBm	-23.49 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-27.13 dBm	-17.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-17.75 dBm	-7.75 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-32.02 dBm	-19.02 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-36.71 dBm	-11.71 dB

Date: 14.JUN.2015 13:38:36

LTE Band 7 / 5MHz / 16QAM

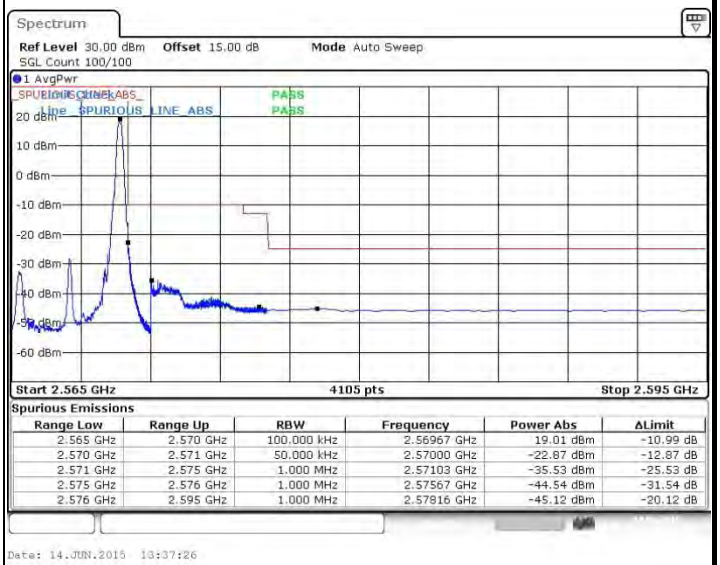
Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48976 GHz	-44.98 dBm	-19.98 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-37.29 dBm	-24.29 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	18.86 dBm	-11.14 dB

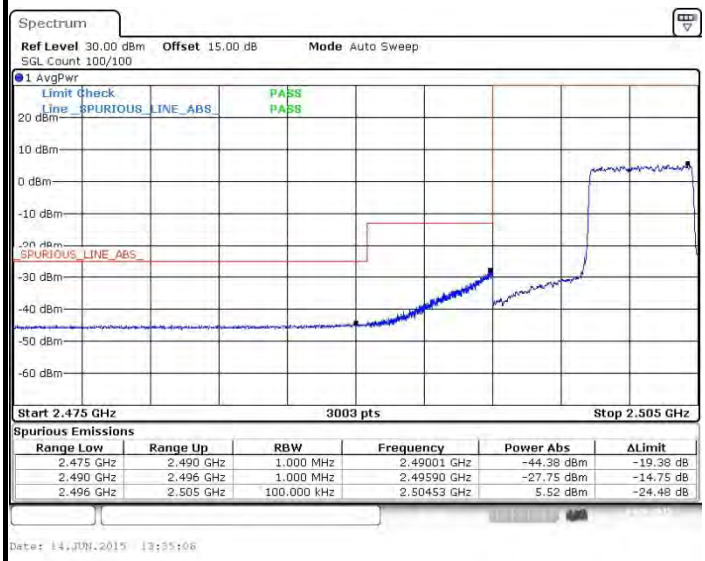
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	19.01 dBm	-10.99 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-22.87 dBm	-12.87 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-35.53 dBm	-25.53 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57567 GHz	-44.54 dBm	-31.54 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57816 GHz	-45.12 dBm	-20.12 dB

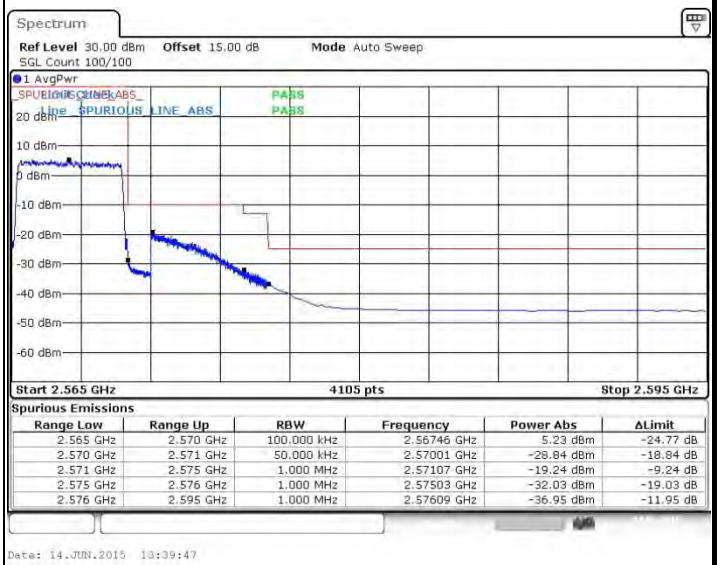
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49001 GHz	-44.38 dBm	-19.38 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49590 GHz	-27.75 dBm	-14.75 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50453 GHz	5.52 dBm	-24.48 dB

Highest Band Edge / Full RB

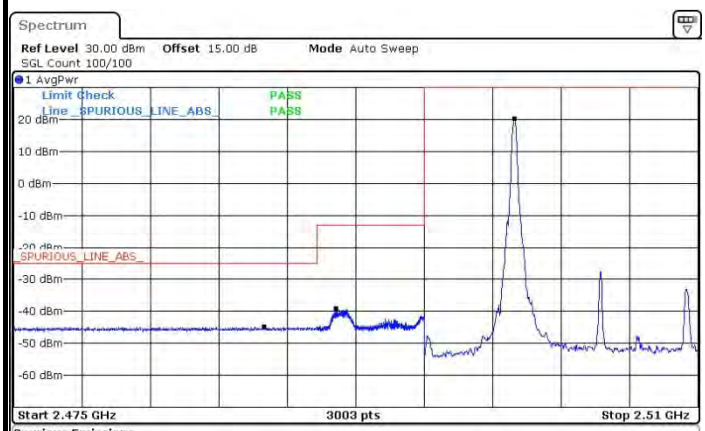


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56746 GHz	5.23 dBm	-24.77 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-28.84 dBm	-18.84 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-19.24 dBm	-9.24 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-32.03 dBm	-19.03 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-36.95 dBm	-11.95 dB

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

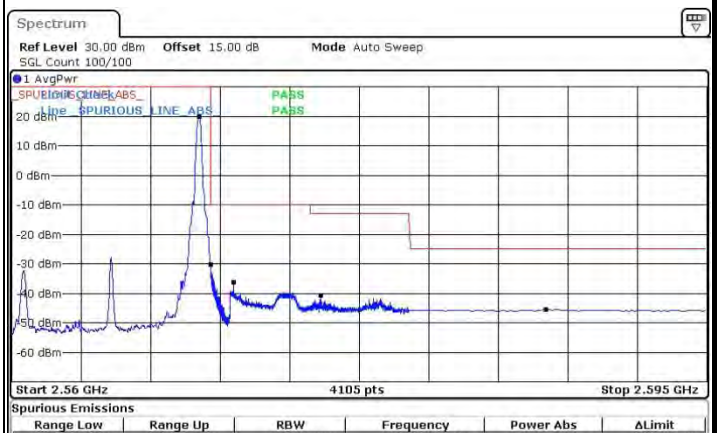


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48781 GHz	-44.87 dBm	-19.87 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49147 GHz	-39.21 dBm	-26.21 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	20.23 dBm	-9.77 dB

Date: 14.JUN.2015 13:40:57

Highest Band Edge / 1 RB

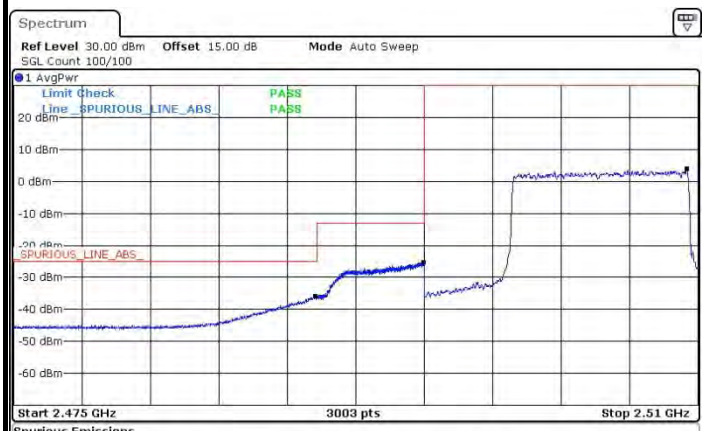


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56945 GHz	19.86 dBm	-10.14 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-30.26 dBm	-20.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-36.14 dBm	-26.14 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57554 GHz	-40.89 dBm	-27.89 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58691 GHz	-45.48 dBm	-20.48 dB

Date: 14.JUN.2015 13:45:38

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	2.49041 GHz	-35.78 dBm	-10.78 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-25.25 dBm	-12.25 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50942 GHz	3.85 dBm	-26.15 dB

Date: 14.JUN.2015 13:43:18

Highest Band Edge / Full RB

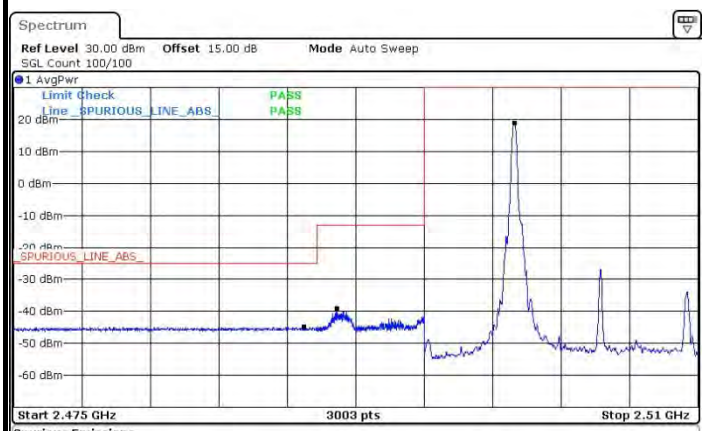
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56318 GHz	3.26 dBm	-26.74 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-27.93 dBm	-17.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-20.39 dBm	-10.39 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57506 GHz	-25.83 dBm	-12.83 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-37.81 dBm	-12.81 dB

Date: 14.JUN.2015 13:47:58

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

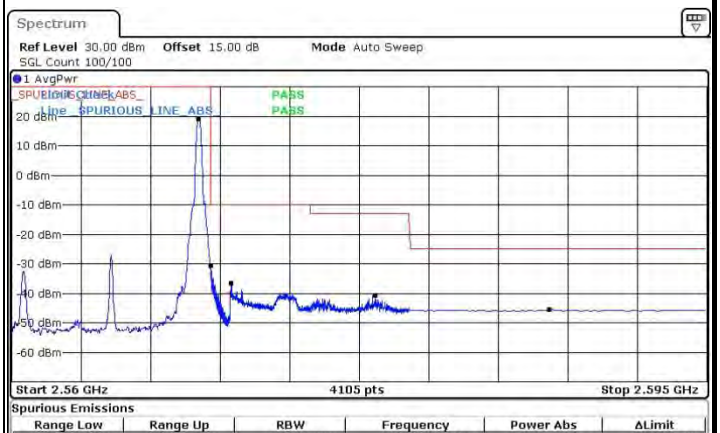


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48983 GHz	-44.86 dBm	-19.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49151 GHz	-38.99 dBm	-25.99 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	18.82 dBm	-11.18 dB

Date: 14.JUN.2015 13:42:07

Highest Band Edge / 1 RB

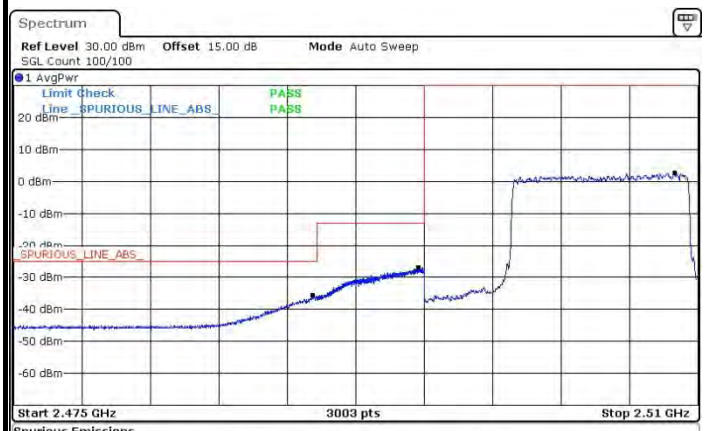


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.02 dBm	-10.98 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-30.49 dBm	-20.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-36.65 dBm	-26.65 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57830 GHz	-40.65 dBm	-27.65 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58705 GHz	-45.54 dBm	-20.54 dB

Date: 14.JUN.2015 13:46:48

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	2.49031 GHz	-35.61 dBm	-10.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49567 GHz	-26.94 dBm	-13.94 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50878 GHz	2.62 dBm	-27.38 dB

Date: 14.JUN.2015 13:49:28

Highest Band Edge / Full RB

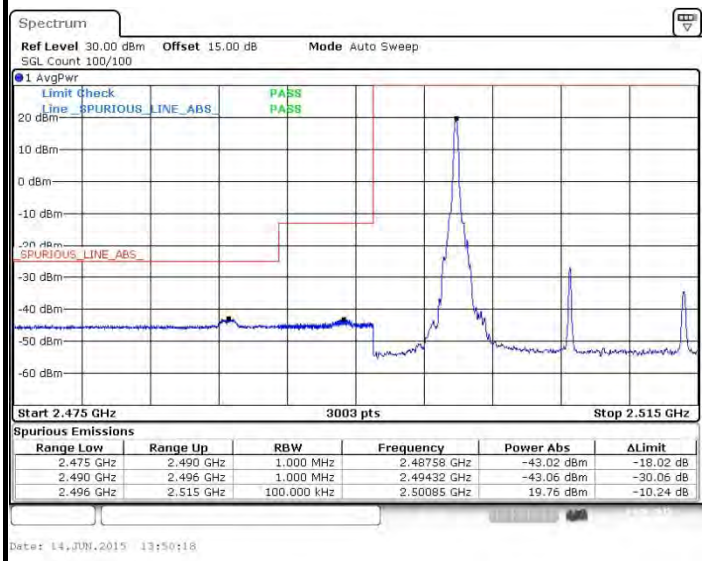
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56125 GHz	1.86 dBm	-28.14 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-30.33 dBm	-20.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-22.91 dBm	-12.91 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57505 GHz	-27.70 dBm	-14.70 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58022 GHz	-38.46 dBm	-13.46 dB

Date: 14.JUN.2015 13:49:08

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

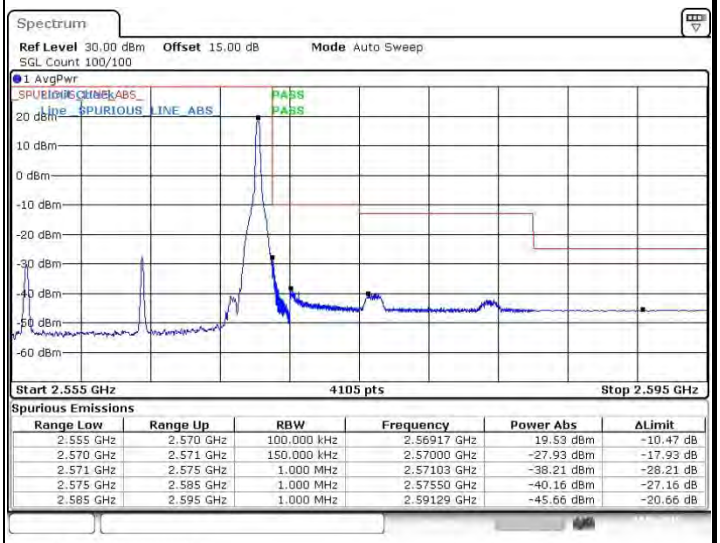


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48758 GHz	-43.02 dBm	-18.02 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49432 GHz	-43.06 dBm	-30.06 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.76 dBm	-10.24 dB

Date: 14.JUN.2015 13:50:18

Highest Band Edge / 1 RB

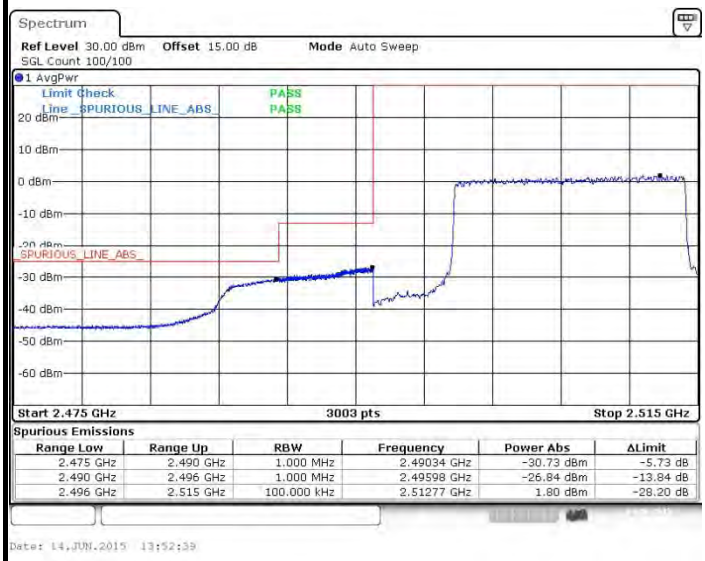


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	19.53 dBm	-10.47 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57000 GHz	-27.93 dBm	-17.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-38.21 dBm	-28.21 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57550 GHz	-40.16 dBm	-27.16 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59129 GHz	-45.66 dBm	-20.66 dB

Date: 14.JUN.2015 13:54:59

Lowest Band Edge / Full RB

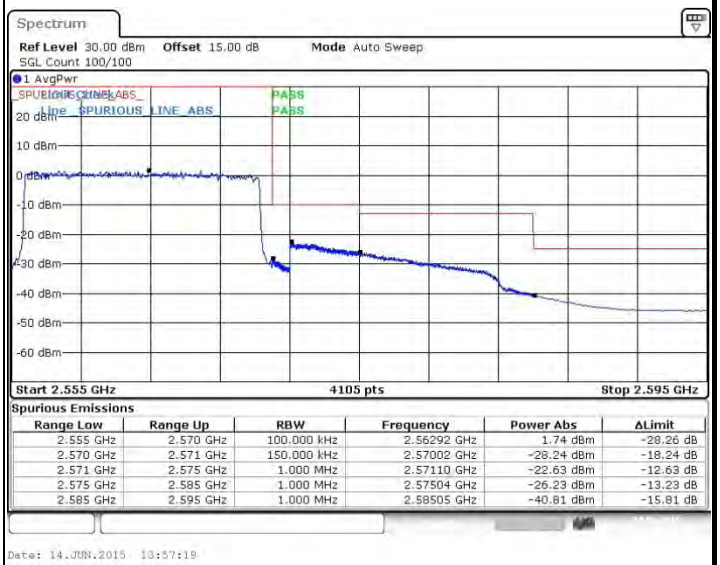


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-30.73 dBm	-5.73 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-26.84 dBm	-13.84 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51277 GHz	1.80 dBm	-28.20 dB

Date: 14.JUN.2015 13:52:39

Highest Band Edge / Full RB



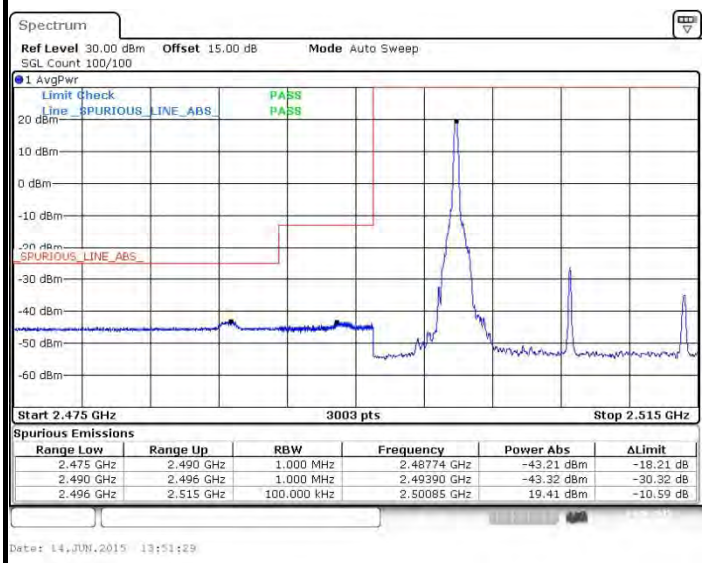
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56292 GHz	1.74 dBm	-28.26 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57002 GHz	-28.24 dBm	-18.24 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-22.63 dBm	-12.63 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57504 GHz	-26.23 dBm	-13.23 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-40.81 dBm	-15.81 dB

Date: 14.JUN.2015 13:57:19

LTE Band 7 / 15MHz / 16QAM

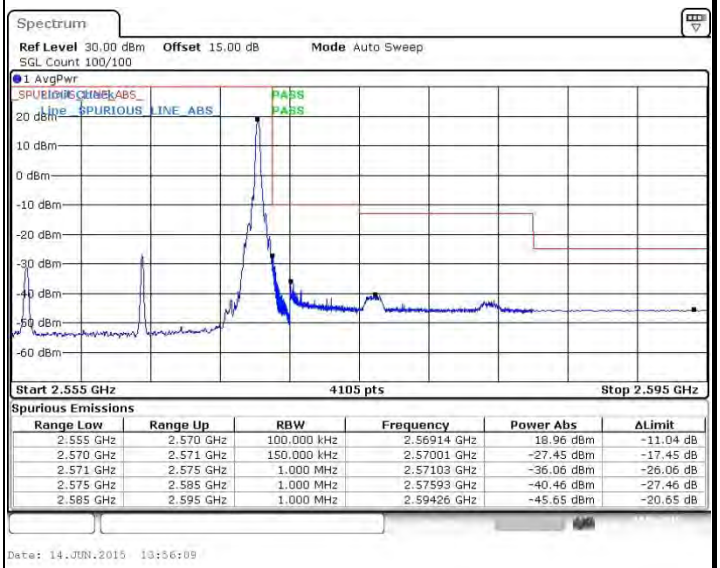
Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48774 GHz	-43.21 dBm	-18.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49390 GHz	-43.32 dBm	-30.32 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.41 dBm	-10.59 dB

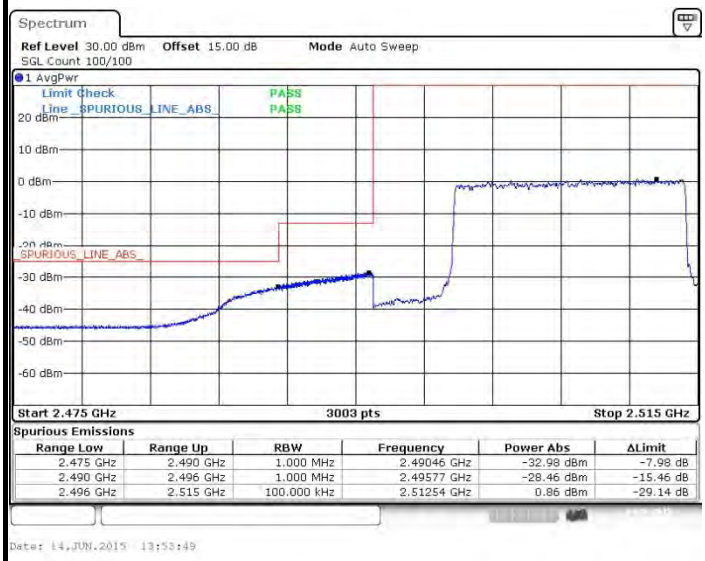
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	18.96 dBm	-11.04 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-27.45 dBm	-17.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-36.06 dBm	-26.06 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57593 GHz	-40.46 dBm	-27.46 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59426 GHz	-45.65 dBm	-20.65 dB

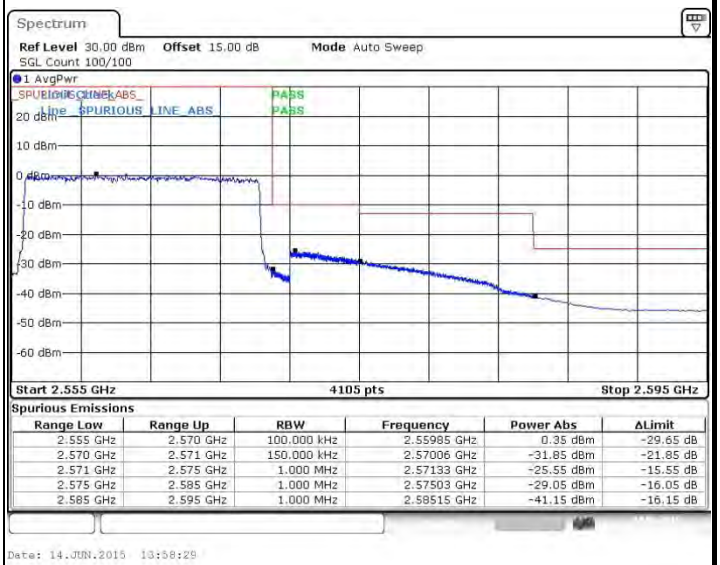
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-32.98 dBm	-7.98 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49577 GHz	-28.46 dBm	-15.46 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51254 GHz	0.86 dBm	-29.14 dB

Highest Band Edge / Full RB

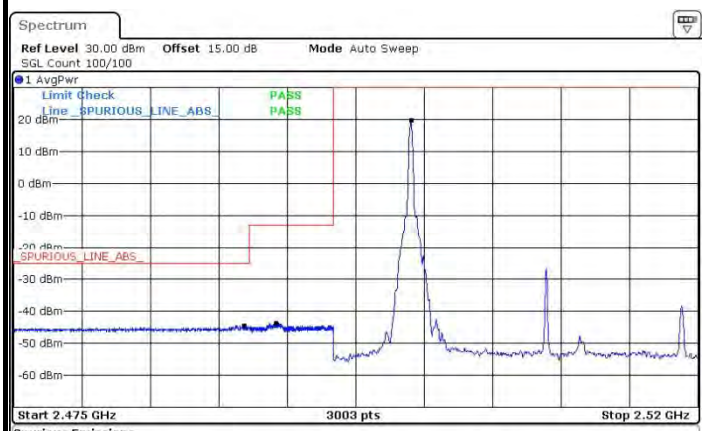


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55985 GHz	0.35 dBm	-29.65 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57006 GHz	-31.85 dBm	-21.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57133 GHz	-25.55 dBm	-15.55 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57503 GHz	-29.05 dBm	-16.05 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58515 GHz	-41.15 dBm	-16.15 dB

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

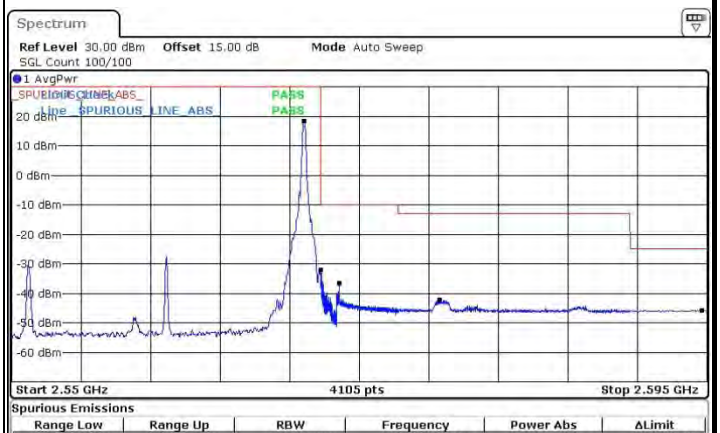


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49018 GHz	-44.42 dBm	-19.42 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49224 GHz	-43.69 dBm	-30.69 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50112 GHz	19.68 dBm	-10.32 dB

Date: 12.JUN.2015 17:04:23

Highest Band Edge / 1 RB

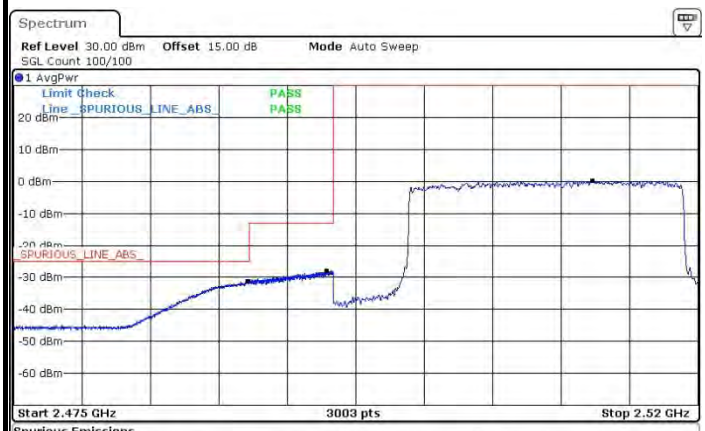


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	18.28 dBm	-11.72 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-32.06 dBm	-22.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-36.58 dBm	-26.58 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57770 GHz	-42.29 dBm	-29.29 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59468 GHz	-45.79 dBm	-20.79 dB

Date: 12.JUN.2015 17:15:20

Lowest Band Edge / Full RB

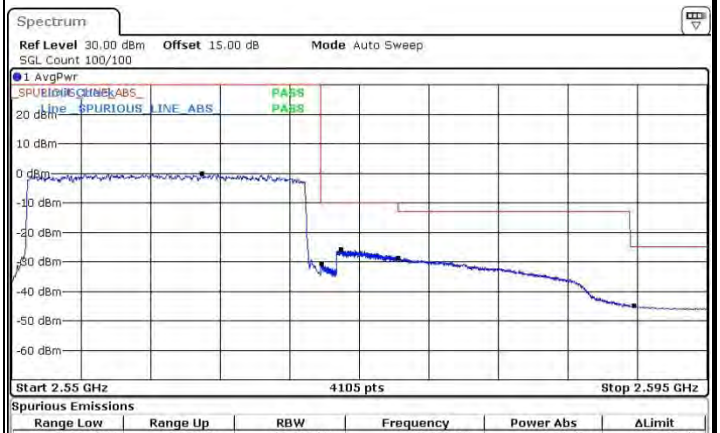


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-31.26 dBm	-6.26 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49554 GHz	-27.94 dBm	-14.94 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51306 GHz	0.24 dBm	-29.76 dB

Date: 12.JUN.2015 17:06:43

Highest Band Edge / Full RB



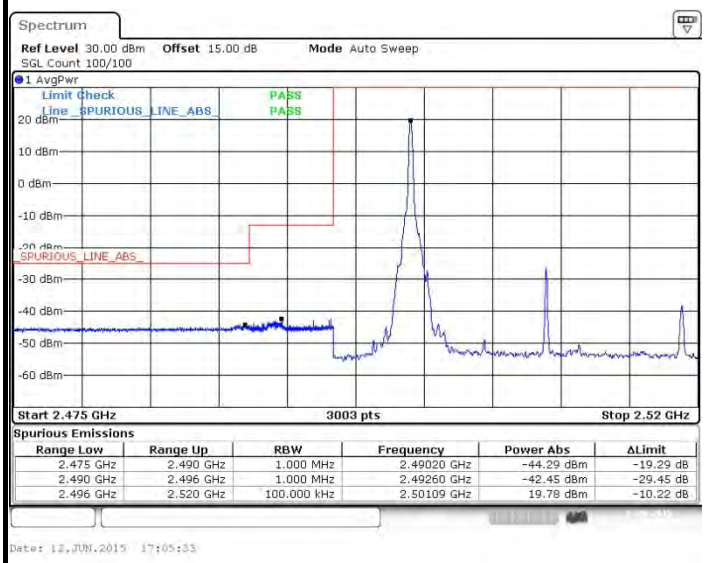
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56230 GHz	-0.09 dBm	-30.09 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-30.63 dBm	-20.63 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-25.79 dBm	-15.79 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57501 GHz	-28.79 dBm	-15.79 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59027 GHz	-45.05 dBm	-20.05 dB

Date: 12.JUN.2015 17:18:50

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

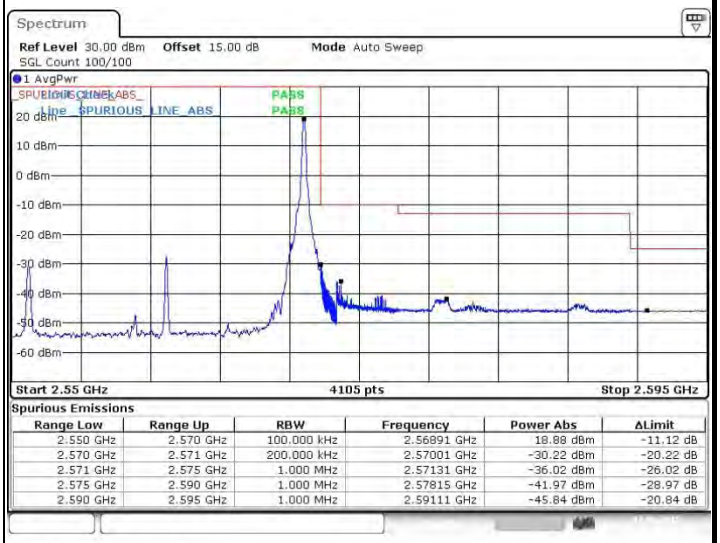


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49020 GHz	-44.29 dBm	-19.29 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49260 GHz	-42.45 dBm	-29.45 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	19.78 dBm	-10.22 dB

Date: 12.JUN.2015 17:05:33

Highest Band Edge / 1RB

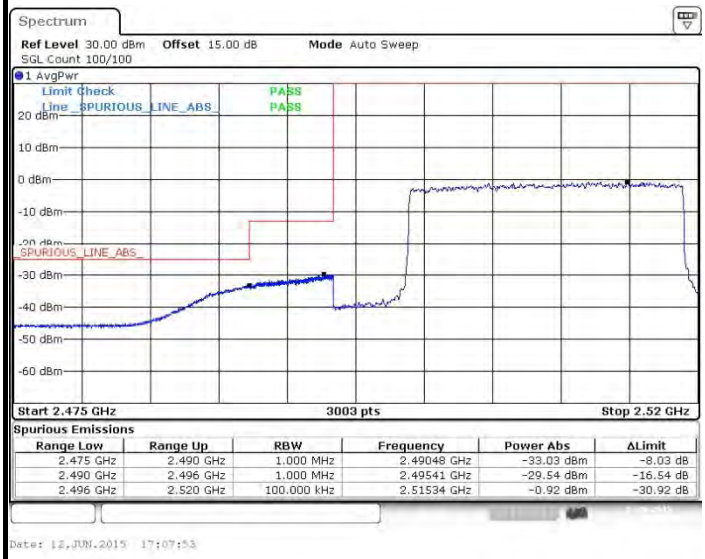


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	18.88 dBm	-11.12 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-30.22 dBm	-20.22 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57131 GHz	-36.02 dBm	-26.02 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57815 GHz	-41.97 dBm	-28.97 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59111 GHz	-45.84 dBm	-20.84 dB

Date: 12.JUN.2015 17:16:30

Lowest Band Edge / Full RB

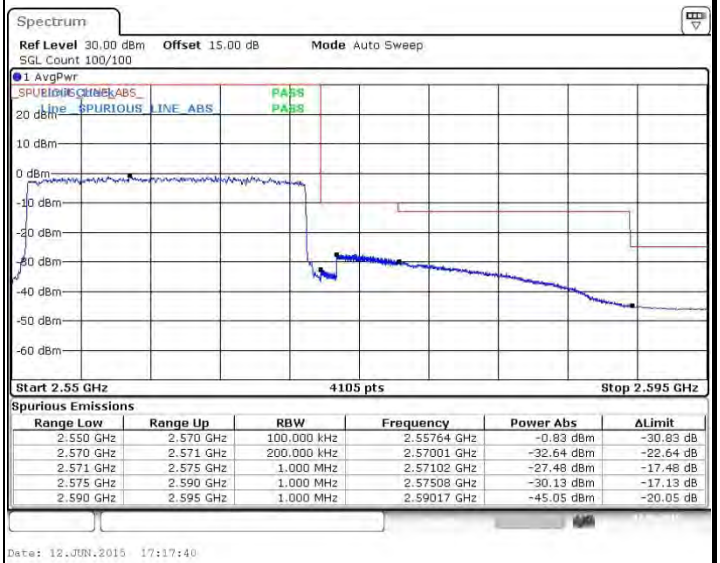


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-33.03 dBm	-8.03 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49541 GHz	-29.54 dBm	-16.54 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51534 GHz	-0.92 dBm	-30.92 dB

Date: 12.JUN.2015 17:07:53

Highest Band Edge / Full RB



Spurious Emissions

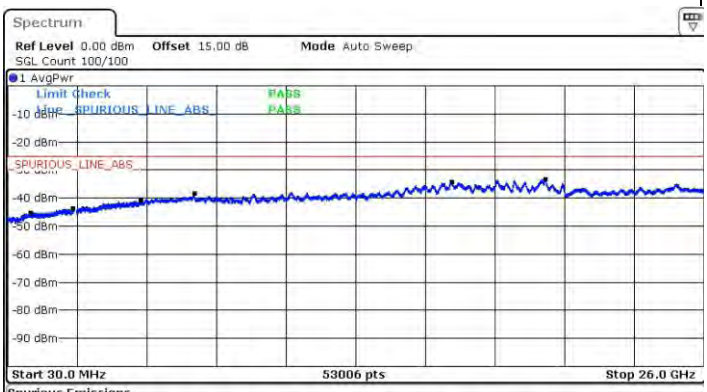
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55764 GHz	-0.83 dBm	-30.83 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-32.64 dBm	-22.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-27.48 dBm	-17.48 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57508 GHz	-30.13 dBm	-17.13 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59017 GHz	-45.05 dBm	-20.05 dB

Date: 12.JUN.2015 17:17:40

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

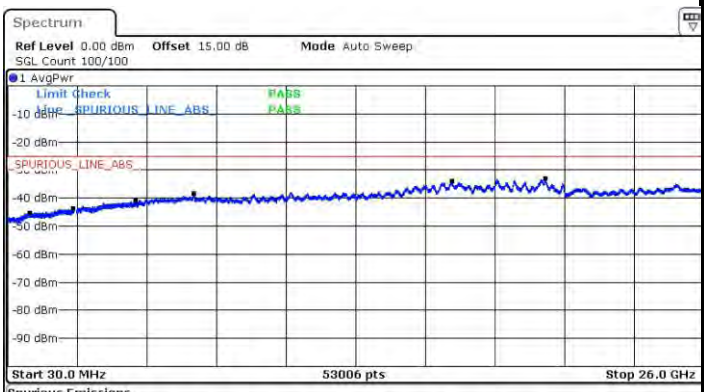


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-45.40 dBm	-20.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46002 GHz	-43.86 dBm	-18.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-40.77 dBm	-15.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99455 GHz	-38.43 dBm	-13.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60634 GHz	-34.34 dBm	-9.34 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08312 GHz	-33.18 dBm	-8.18 dB

Date: 10.JUL.2015 14:20:29

Lowest Channel / 16QAM

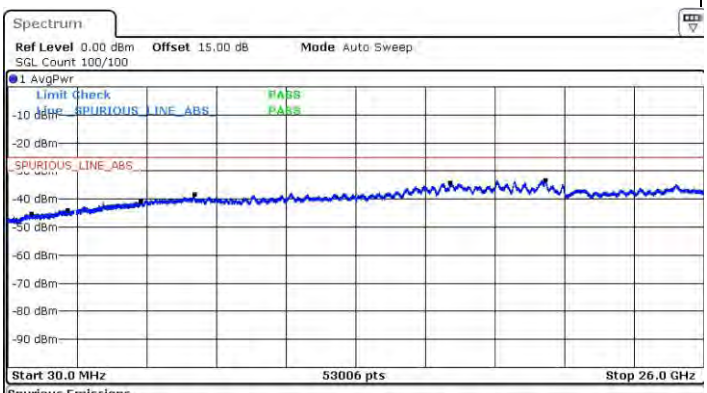


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-45.16 dBm	-20.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47492 GHz	-43.68 dBm	-18.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79071 GHz	-40.75 dBm	-15.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97905 GHz	-38.52 dBm	-13.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59884 GHz	-34.05 dBm	-9.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08562 GHz	-33.06 dBm	-8.06 dB

Date: 10.JUL.2015 14:21:39

Middle Channel / QPSK

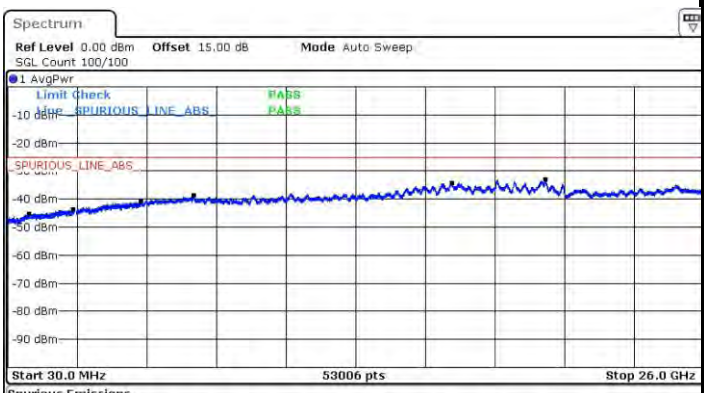


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.26153 GHz	-43.88 dBm	-18.88 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-40.75 dBm	-15.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-38.41 dBm	-13.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54434 GHz	-34.29 dBm	-9.29 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08212 GHz	-33.27 dBm	-8.27 dB

Date: 10.JUL.2015 14:22:48

Middle Channel / 16QAM



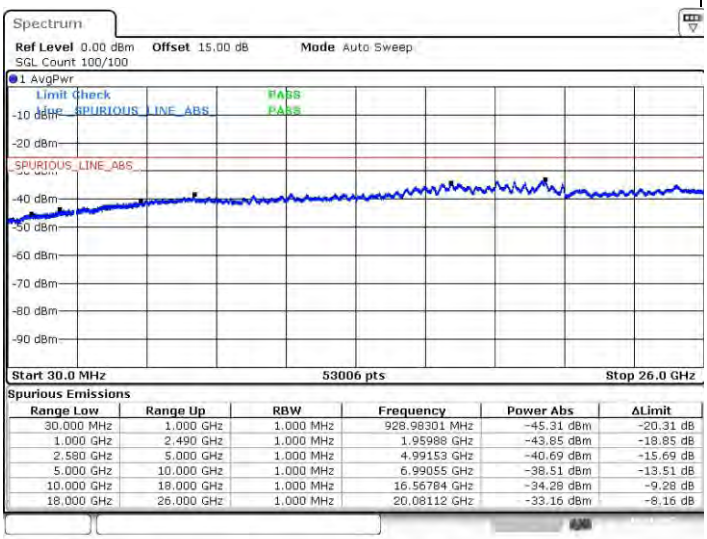
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	817.48876 MHz	-45.35 dBm	-20.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47492 GHz	-43.81 dBm	-18.81 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-40.95 dBm	-15.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97905 GHz	-38.61 dBm	-13.61 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59034 GHz	-34.27 dBm	-9.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07812 GHz	-32.93 dBm	-7.93 dB

Date: 10.JUL.2015 14:23:58

LTE Band 7 / 5MHz

Highest Channel / QPSK

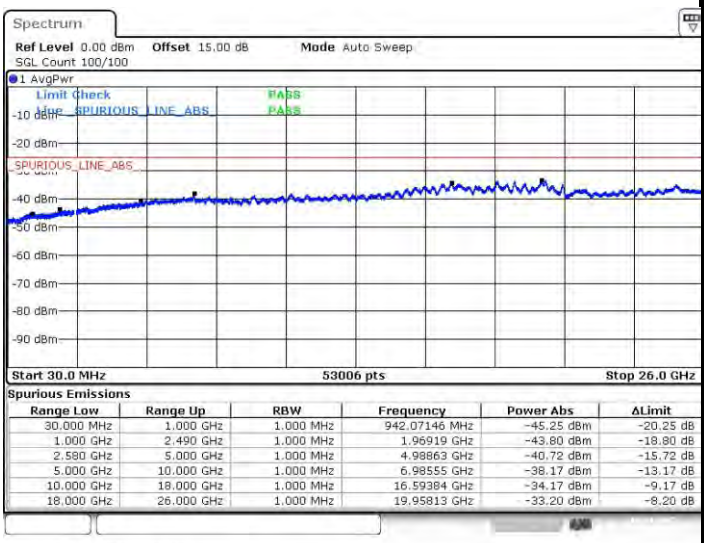


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-45.31 dBm	-20.31 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.95988 GHz	-43.85 dBm	-18.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-40.69 dBm	-15.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99055 GHz	-38.51 dBm	-13.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56784 GHz	-34.28 dBm	-9.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08112 GHz	-33.16 dBm	-8.16 dB

Date: 10.JUL.2015 14:25:08

Highest Channel / 16QAM



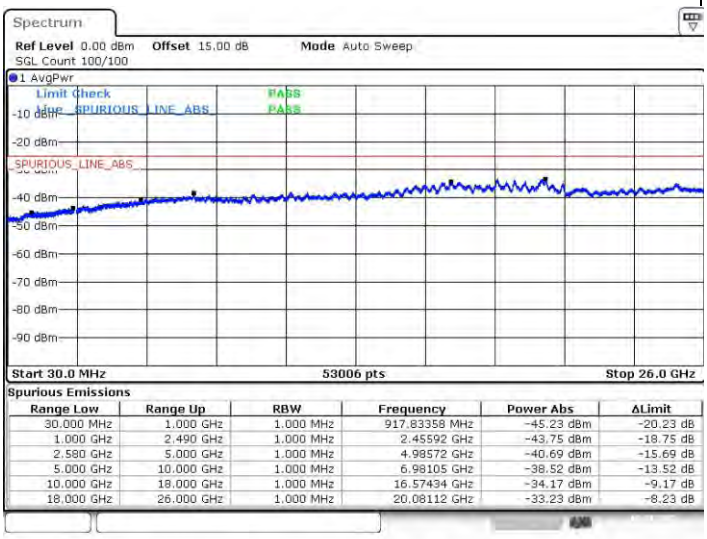
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-45.25 dBm	-20.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96919 GHz	-43.80 dBm	-18.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-40.72 dBm	-15.72 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98555 GHz	-38.17 dBm	-13.17 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.59384 GHz	-34.17 dBm	-9.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95813 GHz	-33.20 dBm	-8.20 dB

Date: 10.JUL.2015 14:26:18

LTE Band 7 / 10MHz

Lowest Channel / QPSK

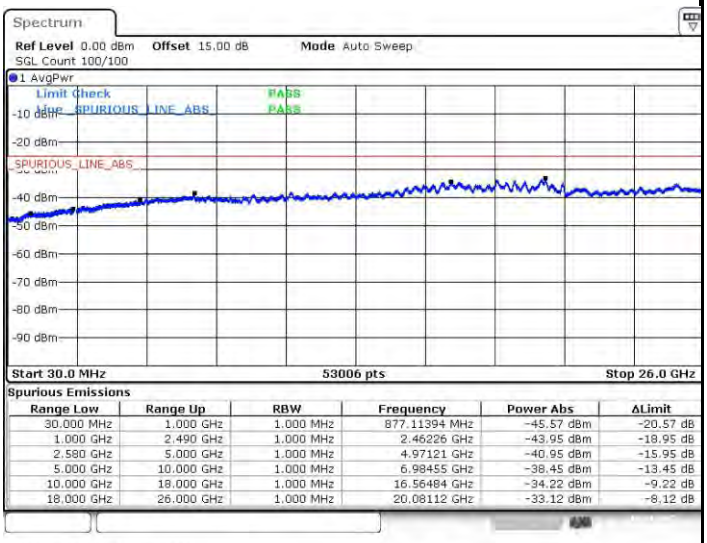


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-45.23 dBm	-20.23 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45592 GHz	-43.75 dBm	-18.75 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98572 GHz	-40.69 dBm	-15.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98105 GHz	-38.52 dBm	-13.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57434 GHz	-34.17 dBm	-9.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08112 GHz	-33.23 dBm	-8.23 dB

Date: 10.JUL.2015 14:27:27

Lowest Channel / 16QAM



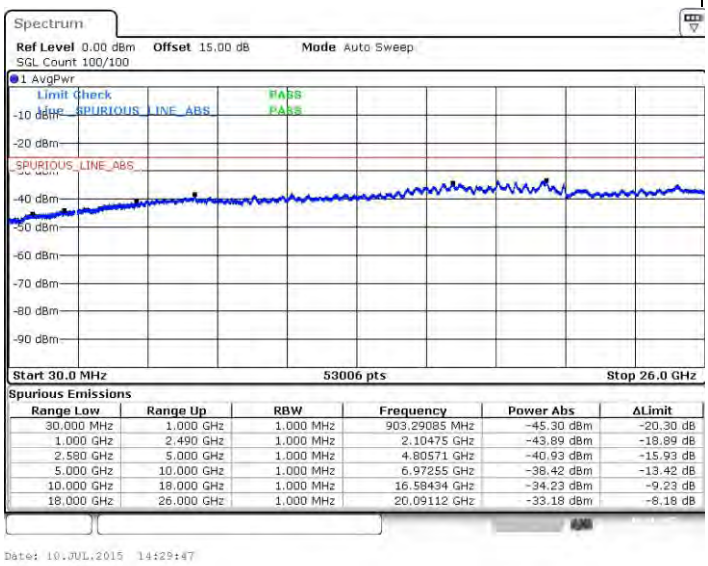
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.11394 MHz	-45.57 dBm	-20.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46226 GHz	-43.95 dBm	-18.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97121 GHz	-40.95 dBm	-15.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98455 GHz	-38.45 dBm	-13.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56484 GHz	-34.22 dBm	-9.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08112 GHz	-33.12 dBm	-8.12 dB

Date: 10.JUL.2015 14:28:37

LTE Band 7 / 10MHz

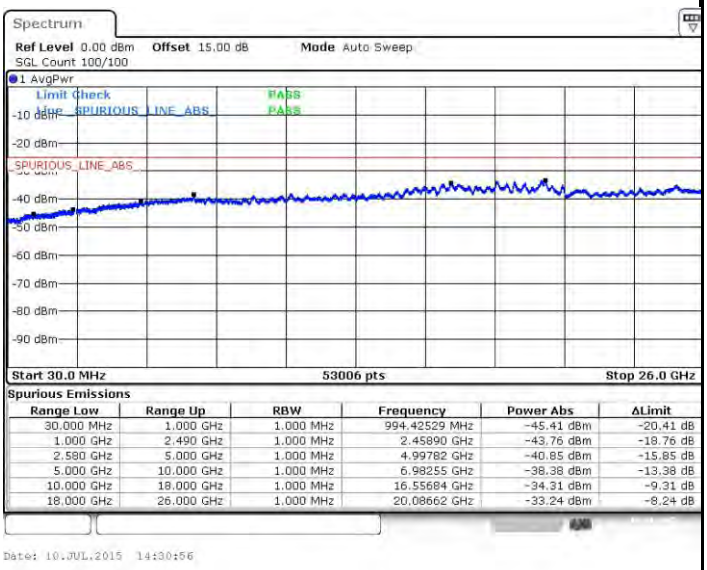
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-45.30 dBm	-20.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10475 GHz	-43.89 dBm	-18.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80571 GHz	-40.93 dBm	-15.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97255 GHz	-38.42 dBm	-13.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58434 GHz	-34.23 dBm	-9.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.09112 GHz	-33.18 dBm	-8.18 dB

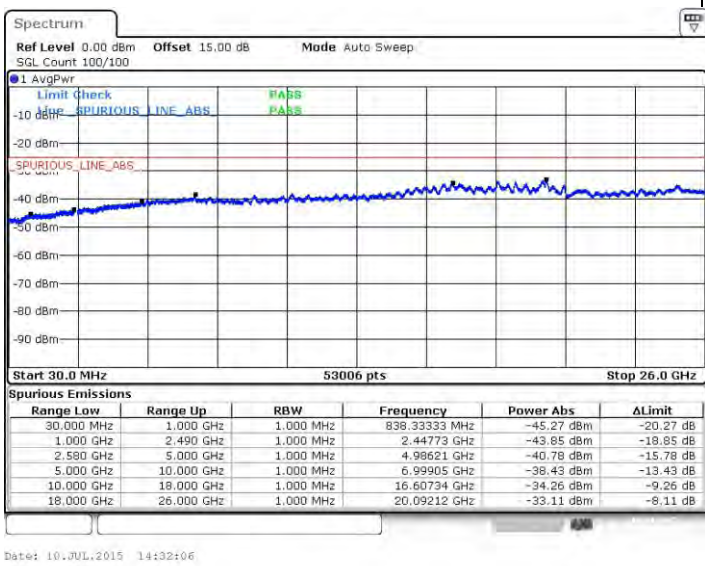
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-45.41 dBm	-20.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45890 GHz	-43.76 dBm	-18.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99782 GHz	-40.85 dBm	-15.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98255 GHz	-38.38 dBm	-13.38 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55684 GHz	-34.31 dBm	-9.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08662 GHz	-33.24 dBm	-8.24 dB

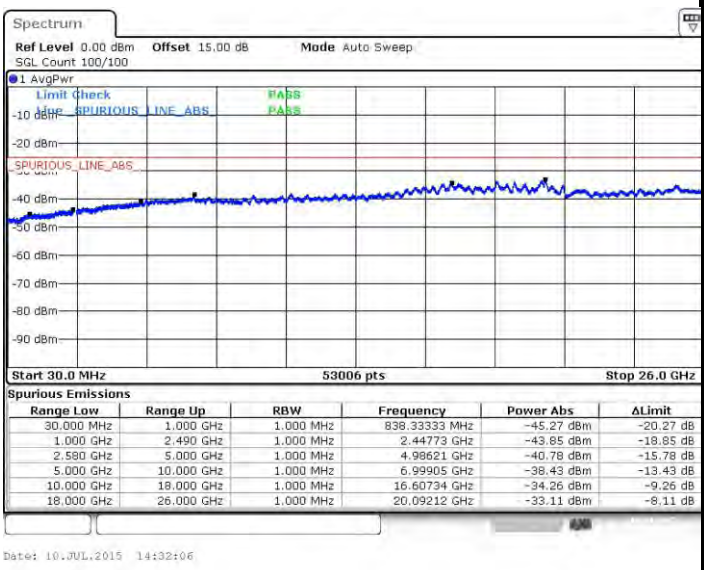
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.33333 MHz	-45.27 dBm	-20.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44773 GHz	-43.85 dBm	-18.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-40.78 dBm	-15.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-38.43 dBm	-13.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60734 GHz	-34.26 dBm	-9.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.09212 GHz	-33.11 dBm	-8.11 dB

Highest Channel / 16QAM

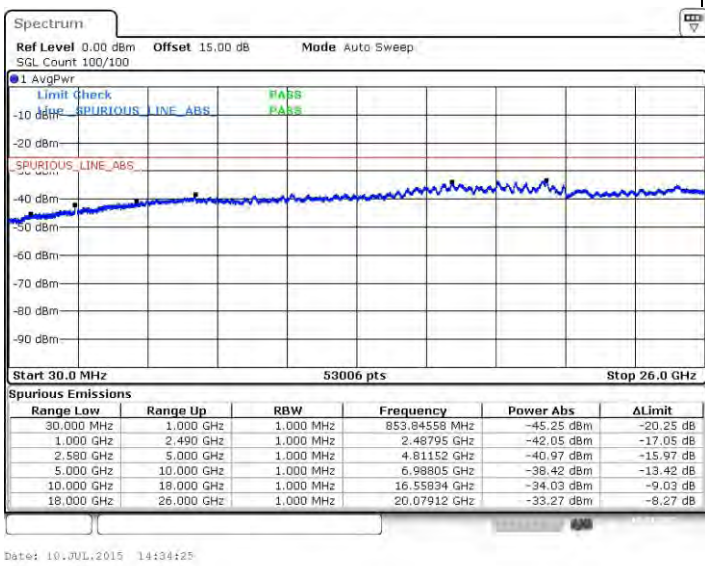


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	838.33333 MHz	-45.27 dBm	-20.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44773 GHz	-43.85 dBm	-18.85 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-40.78 dBm	-15.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-38.43 dBm	-13.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60734 GHz	-34.26 dBm	-9.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.09212 GHz	-33.11 dBm	-8.11 dB

LTE Band 7 / 15MHz

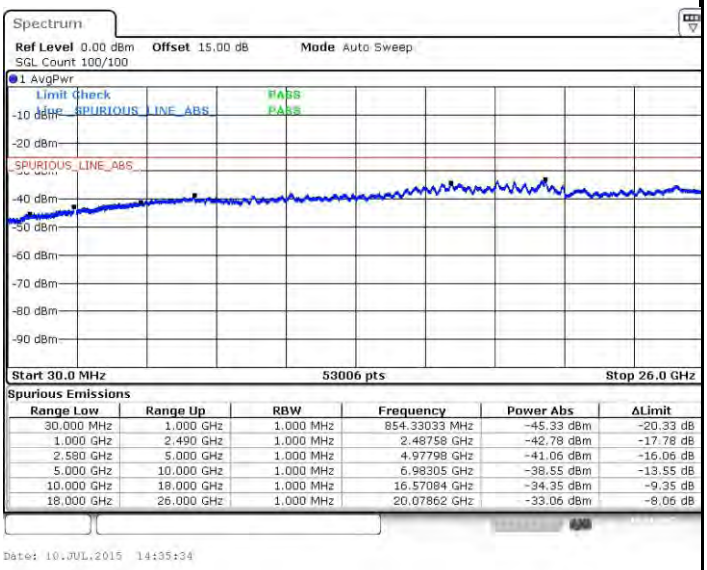
Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.84558 MHz	-45.25 dBm	-20.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48795 GHz	-42.05 dBm	-17.05 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81152 GHz	-40.97 dBm	-15.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98805 GHz	-38.42 dBm	-13.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55834 GHz	-34.03 dBm	-9.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07912 GHz	-33.27 dBm	-8.27 dB

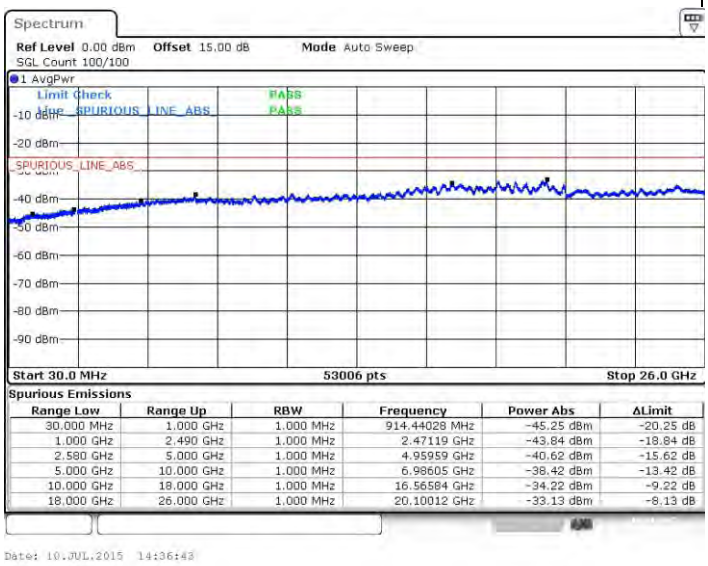
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.33033 MHz	-45.33 dBm	-20.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48758 GHz	-42.78 dBm	-17.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97798 GHz	-41.06 dBm	-16.06 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98305 GHz	-38.55 dBm	-13.55 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57084 GHz	-34.35 dBm	-9.35 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07862 GHz	-33.06 dBm	-8.06 dB

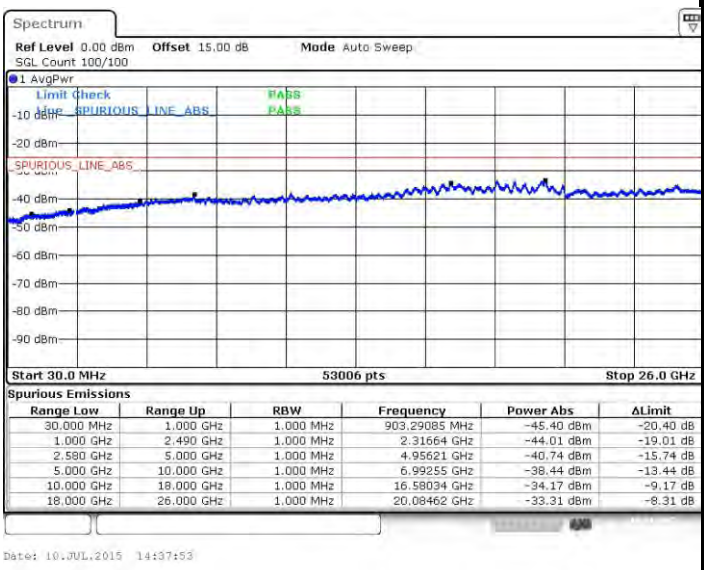
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-45.25 dBm	-20.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47119 GHz	-43.84 dBm	-18.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95959 GHz	-40.62 dBm	-15.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98605 GHz	-38.42 dBm	-13.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56584 GHz	-34.22 dBm	-9.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.10012 GHz	-33.13 dBm	-8.13 dB

Middle Channel / 16QAM

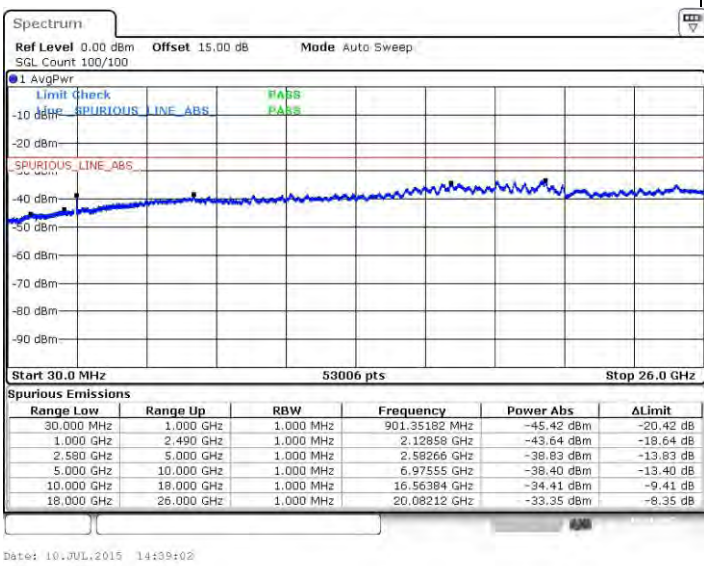


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-45.40 dBm	-20.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31664 GHz	-44.01 dBm	-19.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95621 GHz	-40.74 dBm	-15.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-38.44 dBm	-13.44 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58034 GHz	-34.17 dBm	-9.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08462 GHz	-33.31 dBm	-8.31 dB

LTE Band7 / 15MHz

Highest Channel / QPSK

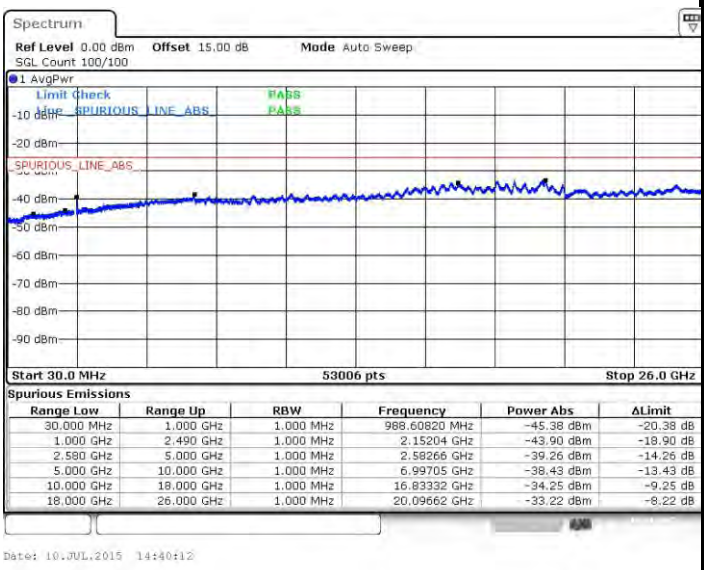


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-45.42 dBm	-20.42 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12858 GHz	-43.64 dBm	-18.64 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-38.83 dBm	-13.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97555 GHz	-38.40 dBm	-13.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56384 GHz	-34.41 dBm	-9.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08212 GHz	-33.35 dBm	-8.35 dB

Date: 10.JUL.2015 14:39:02

Highest Channel / 16QAM



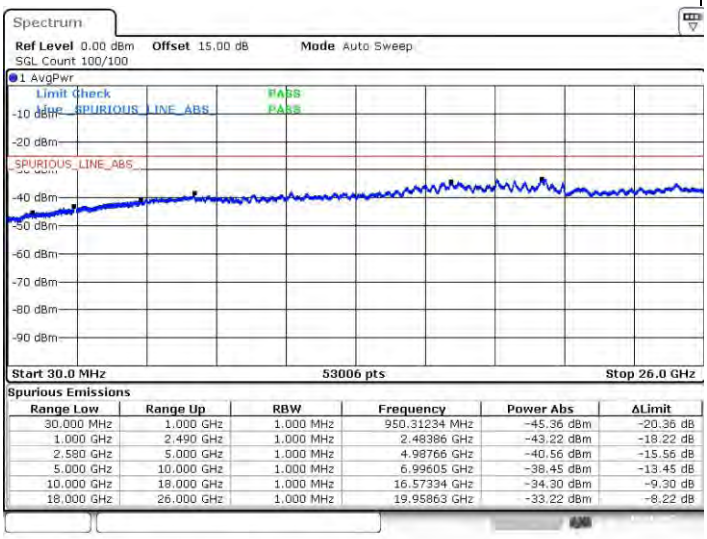
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15204 GHz	-43.90 dBm	-18.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-39.26 dBm	-14.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99705 GHz	-38.43 dBm	-13.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.83332 GHz	-34.25 dBm	-9.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.09662 GHz	-33.22 dBm	-8.22 dB

Date: 10.JUL.2015 14:40:12

LTE Band 7 / 20MHz

Lowest Channel / QPSK

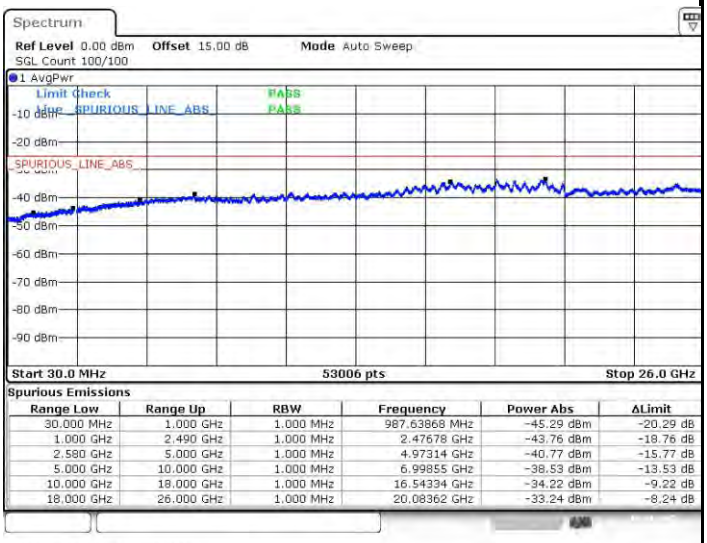


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-45.36 dBm	-20.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48386 GHz	-43.22 dBm	-18.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-40.56 dBm	-15.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99605 GHz	-38.45 dBm	-13.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.57334 GHz	-34.30 dBm	-9.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.95863 GHz	-33.22 dBm	-8.22 dB

Date: 10.JUL.2015 14:41:21

Lowest Channel / 16QAM



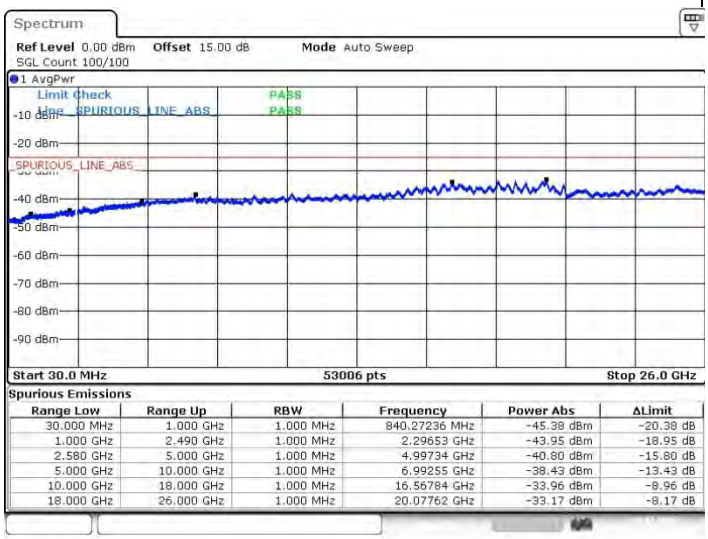
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47678 GHz	-43.76 dBm	-18.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97314 GHz	-40.77 dBm	-15.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99855 GHz	-38.53 dBm	-13.53 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.54334 GHz	-34.22 dBm	-9.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08362 GHz	-33.24 dBm	-8.24 dB

Date: 10.JUL.2015 14:42:31

LTE Band 7 / 20MHz

Middle Channel / QPSK

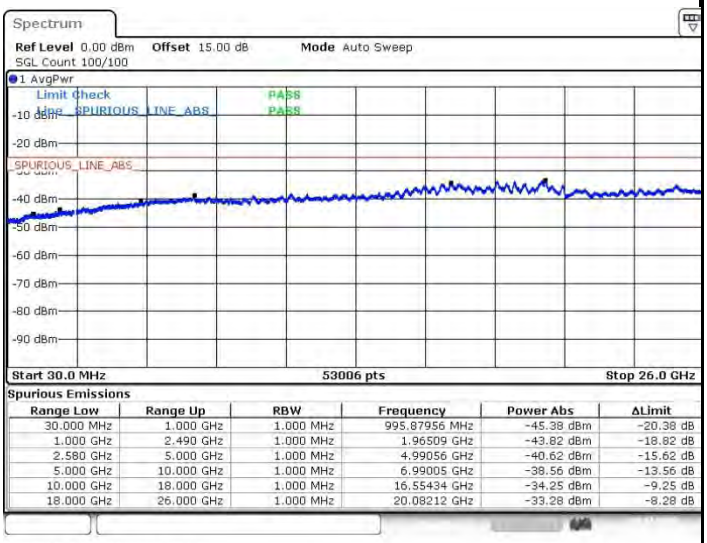


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	840.27236 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29653 GHz	-43.95 dBm	-18.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99734 GHz	-40.80 dBm	-15.80 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99255 GHz	-38.43 dBm	-13.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.56784 GHz	-33.96 dBm	-8.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07762 GHz	-33.17 dBm	-8.17 dB

Date: 10.JUL.2015 14:43:40

Middle Channel / 16QAM

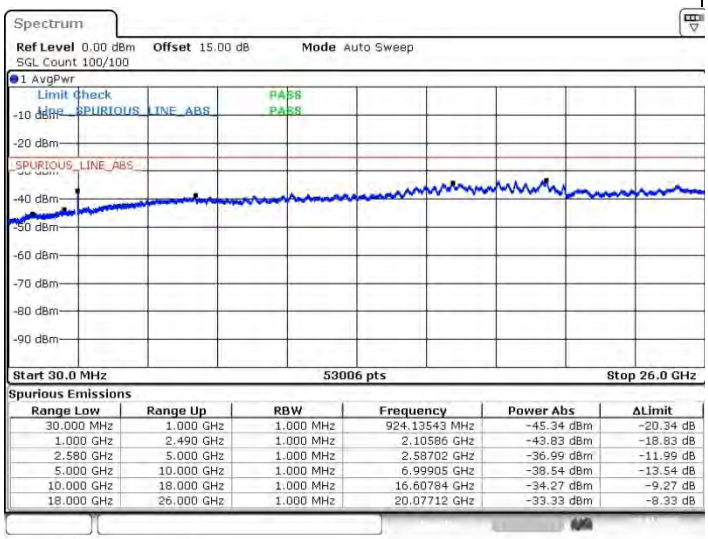


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.96509 GHz	-43.82 dBm	-18.82 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	6.99005 GHz	-38.56 dBm	-13.56 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.55434 GHz	-34.25 dBm	-9.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08212 GHz	-33.28 dBm	-8.28 dB

Date: 10.JUL.2015 14:44:49

Highest Channel / QPSK

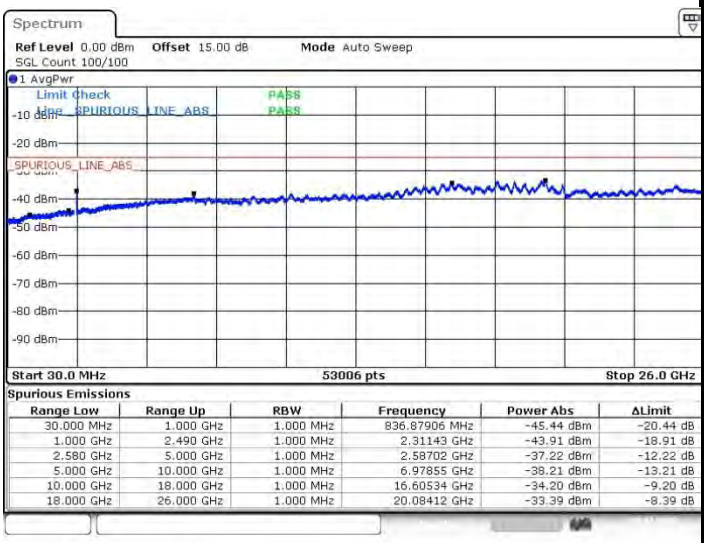


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10586 GHz	-43.83 dBm	-18.83 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-36.99 dBm	-11.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-38.54 dBm	-13.54 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60784 GHz	-34.27 dBm	-9.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.07712 GHz	-33.33 dBm	-8.33 dB

Date: 10.JUL.2015 14:45:59

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	836.87906 MHz	-45.44 dBm	-20.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31143 GHz	-43.91 dBm	-18.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-37.22 dBm	-12.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97855 GHz	-38.21 dBm	-13.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.60534 GHz	-34.20 dBm	-9.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	20.08412 GHz	-33.39 dBm	-8.39 dB

Date: 10.JUL.2015 14:47:08

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	0.0079	PASS
40	Normal Voltage	0.0071	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0067	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0067	
-20	Normal Voltage	0.0075	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.7 V.；Maximum Voltage =4.2 V
2. 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 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	2	12.12	0.0163	12.59	0.0182
Middle		1	2	12.10	0.0162	11.86	0.0153
Highest		3	1	12.08	0.0161	12.17	0.0165
Lowest	16QAM	1	2	11.73	0.0149	11.72	0.0149
Middle		1	5	11.19	0.0132	10.86	0.0122
Highest		1	2	11.13	0.0130	11.04	0.0127
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	12.54	0.0179	13.52	0.0225
Middle		1	0	13.00	0.0200	11.04	0.0127
Highest		1	7	11.30	0.0135	11.55	0.0143
Lowest	16QAM	1	14	8.02	0.0063	11.78	0.0151
Middle		1	0	9.03	0.0080	10.76	0.0119
Highest		1	14	7.66	0.0058	11.46	0.0140
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	13.81	0.0240	16.05	0.0403
Middle		1	12	14.56	0.0286	15.00	0.0316
Highest		1	12	14.40	0.0275	15.19	0.0330
Lowest	16QAM	1	24	15.57	0.0361	15.54	0.0358
Middle		1	0	14.89	0.0308	14.07	0.0255
Highest		1	12	16.04	0.0402	13.86	0.0243
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	8.35	0.0068	11.82	0.0152
Middle		1	24	7.64	0.0058	10.67	0.0117
Highest		1	24	5.98	0.0040	10.62	0.0115
Lowest	16QAM	1	49	7.65	0.0058	10.89	0.0123
Middle		1	0	8.45	0.0070	9.93	0.0098
Highest		1	49	7.46	0.0056	9.04	0.0080
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	11.29	0.0135	10.75	0.0119
Middle		1	0	9.69	0.0093	8.92	0.0078
Highest		1	0	9.81	0.0096	9.99	0.0100
Lowest	16QAM	1	74	11.59	0.0144	12.30	0.0170
Middle		1	74	10.99	0.0126	11.13	0.0130
Highest		1	0	11.90	0.0155	11.07	0.0128
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	12.25	0.0168	14.66	0.0292
Middle		1	0	12.58	0.0181	13.97	0.0249
Highest		1	0	11.69	0.0148	12.88	0.0194
Lowest	16QAM	1	99	10.02	0.0100	10.22	0.0105
Middle		1	0	9.64	0.0092	9.56	0.0090
Highest		1	99	6.23	0.0042	10.63	0.0116
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	2	21.20	0.1318	12.86	0.0193
Middle		3	1	19.96	0.0991	13.92	0.0247
Highest		3	1	19.81	0.0957	15.40	0.0347
Lowest	16QAM	1	2	18.38	0.0689	16.41	0.0438
Middle		1	0	19.39	0.0869	17.17	0.0521
Highest		1	5	19.40	0.0871	16.67	0.0465
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.18	0.0522	16.82	0.0481
Middle		1	0	18.14	0.0652	15.67	0.0369
Highest		1	0	16.92	0.0492	16.98	0.0499
Lowest	16QAM	1	14	15.94	0.0393	16.20	0.0417
Middle		1	7	17.12	0.0515	18.14	0.0652
Highest		1	0	17.61	0.0577	17.70	0.0589
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	17.61	0.0577	16.04	0.0402
Middle		1	0	19.13	0.0818	17.85	0.0610
Highest		1	12	19.22	0.0836	17.67	0.0585
Lowest	16QAM	1	12	17.39	0.0548	15.89	0.0388
Middle		1	0	19.08	0.0809	16.44	0.0441
Highest		1	24	18.84	0.0766	15.81	0.0381
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	19.46	0.0883	15.85	0.0385
Middle		1	0	20.00	0.1000	18.26	0.0670
Highest		1	49	19.57	0.0906	18.73	0.0746
Lowest	16QAM	1	0	19.58	0.0908	17.30	0.0537
Middle		1	0	19.02	0.0798	17.78	0.0600
Highest		1	0	19.51	0.0893	18.80	0.0759
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	13.97	0.0249	17.04	0.0506
Middle		1	0	15.24	0.0334	18.60	0.0724
Highest		1	0	15.75	0.0376	18.88	0.0773
Lowest	16QAM	1	74	17.93	0.0621	14.86	0.0306
Middle		1	0	19.37	0.0865	16.25	0.0422
Highest		1	0	16.35	0.0432	16.04	0.0402
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.84	0.0608	16.68	0.0466
Middle		1	0	19.44	0.0879	17.17	0.0521
Highest		1	0	18.81	0.0760	16.59	0.0456
Lowest	16QAM	1	0	15.10	0.0324	15.36	0.0344
Middle		1	99	16.35	0.0432	15.58	0.0361
Highest		1	0	17.79	0.0601	16.38	0.0435
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	18.13	0.0650	17.42	0.0552
Middle		1	12	19.22	0.0836	17.85	0.0610
Highest		1	12	18.88	0.0773	17.46	0.0557
Lowest	16QAM	1	24	16.76	0.0474	14.87	0.0307
Middle		1	0	18.21	0.0662	16.92	0.0492
Highest		1	0	18.70	0.0741	15.59	0.0362
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.02	0.0634	18.03	0.0635
Middle		1	0	17.74	0.0594	18.27	0.0671
Highest		1	49	17.68	0.0586	16.72	0.0470
Lowest	16QAM	1	0	15.15	0.0327	15.17	0.0329
Middle		1	0	16.87	0.0486	17.21	0.0526
Highest		1	49	16.27	0.0424	15.34	0.0342
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	15.59	0.0362	15.17	0.0329
Middle		1	0	17.33	0.0541	15.21	0.0332
Highest		1	0	18.15	0.0653	15.20	0.0331
Lowest	16QAM	1	0	14.53	0.0284	14.24	0.0265
Middle		1	74	16.70	0.0468	16.06	0.0404
Highest		1	0	19.16	0.0824	14.90	0.0309
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	14.82	0.0303	17.84	0.0608
Middle		1	0	15.90	0.0389	18.71	0.0743
Highest		1	0	18.34	0.0682	18.50	0.0708
Lowest	16QAM	1	0	17.96	0.0625	16.95	0.0495
Middle		1	49	17.40	0.0550	18.50	0.0708
Highest		1	0	18.21	0.0662	17.50	0.0562
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 5MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	18.28	0.0673	17.67	0.0585
Middle		1	12	19.85	0.0966	18.25	0.0668
Highest		1	12	19.72	0.0938	18.05	0.0638
Lowest	16QAM	1	24	17.81	0.0604	15.10	0.0324
Middle		1	0	18.93	0.0782	17.44	0.0555
Highest		1	0	19.73	0.0940	15.97	0.0395
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.92	0.0780	18.93	0.0782
Middle		1	0	18.66	0.0735	19.15	0.0822
Highest		1	49	18.74	0.0748	17.78	0.0600
Lowest	16QAM	1	0	16.11	0.0408	16.28	0.0425
Middle		1	0	17.78	0.0600	18.22	0.0664
Highest		1	49	17.35	0.0543	16.39	0.0436
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.80	0.0479	16.70	0.0468
Middle		1	0	18.32	0.0679	16.07	0.0405
Highest		1	0	19.08	0.0809	16.17	0.0414
Lowest	16QAM	1	0	15.64	0.0366	15.66	0.0368
Middle		1	74	18.13	0.0650	17.47	0.0558
Highest		1	0	20.19	0.1045	16.05	0.0403
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.10	0.0407	18.98	0.0791
Middle		1	0	17.05	0.0507	19.80	0.0955
Highest		1	0	19.47	0.0885	19.61	0.0914
Lowest	16QAM	1	0	18.43	0.0697	18.40	0.0692
Middle		1	49	18.60	0.0724	19.85	0.0966
Highest		1	0	19.48	0.0887	18.33	0.0681
Limit	EIRP < 2W			Result		PASS	

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-51.17	-13	-38.17	-63.94	-58.36	0.81	8.00	H
	5550.48	-45.89	-13	-32.89	-64.64	-55.88	1.01	11.00	H
	7400.64	-46.65	-13	-33.65	-68.82	-58.89	1.46	13.70	H
	3700.32	-49.61	-13	-36.61	-62.68	-56.80	0.81	8	V
	5550.48	-47.24	-13	-34.24	-66.3	-57.23	1.01	11	V
	7400.64	-46.32	-13	-33.32	-68.81	-58.56	1.46	13.7	V
Middle	3758.92	-49.36	-13	-36.36	-62.13	-56.55	0.81	8.00	H
	5638.38	-43.00	-13	-30.00	-61.75	-52.99	1.01	11.00	H
	7517.84	-44.97	-13	-31.97	-67.14	-57.21	1.46	13.70	H
	3758.92	-48.51	-13	-35.51	-61.58	-55.70	0.81	8	V
	5638.38	-45.57	-13	-32.57	-64.63	-55.56	1.01	11	V
	7517.84	-44.90	-13	-31.90	-67.39	-57.14	1.46	13.7	V
Highest	3817.52	-51.20	-13	-38.20	-63.97	-58.39	0.81	8.00	H
	5726.28	-48.76	-13	-35.76	-67.51	-58.75	1.01	11.00	H
	7635.04	-46.20	-13	-33.20	-68.37	-58.44	1.46	13.70	H
	3817.52	-50.65	-13	-37.65	-63.72	-57.84	0.81	8	V
	5726.28	-48.29	-13	-35.29	-67.35	-58.28	1.01	11	V
	7635.04	-45.67	-13	-32.67	-68.16	-57.91	1.46	13.7	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-50.43	-13	-37.43	-63.20	-57.62	0.81	8.00	H
	5550.72	-47.71	-13	-34.71	-66.46	-57.70	1.01	11.00	H
	7400.96	-46.39	-13	-33.39	-68.56	-58.63	1.46	13.70	H
	3700.48	-47.46	-13	-34.46	-60.53	-54.65	0.81	8	V
	5550.72	-46.93	-13	-33.93	-65.99	-56.92	1.01	11	V
	7400.96	-45.05	-13	-32.05	-67.54	-57.29	1.46	13.7	V
Middle	3758.92	-46.65	-13	-33.65	-59.42	-53.84	0.81	8.00	H
	5638.38	-47.67	-13	-34.67	-66.42	-57.66	1.01	11.00	H
	7517.84	-45.97	-13	-32.97	-68.14	-58.21	1.46	13.70	H
	3758.92	-44.89	-13	-31.89	-57.96	-52.08	0.81	8	V
	5638.38	-39.70	-13	-26.70	-58.76	-49.69	1.01	11	V
	7517.84	-46.08	-13	-33.08	-68.57	-58.32	1.46	13.7	V
Highest	3814.48	-49.71	-13	-36.71	-62.48	-56.90	0.81	8.00	H
	5721.72	-44.63	-13	-31.63	-63.38	-54.62	1.01	11.00	H
	7628.96	-45.97	-13	-32.97	-68.14	-58.21	1.46	13.70	H
	3814.48	-45.63	-13	-32.63	-58.7	-52.82	0.81	8	V
	5721.72	-40.92	-13	-27.92	-59.98	-50.91	1.01	11	V
	7628.96	-45.09	-13	-32.09	-67.58	-57.33	1.46	13.7	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-49.93	-13	-36.93	-62.70	-57.12	0.81	8.00	H
	5551.02	-44.13	-13	-31.13	-62.88	-54.12	1.01	11.00	H
	7401.36	-46.14	-13	-33.14	-68.31	-58.38	1.46	13.70	H
	3700.68	-47.72	-13	-34.72	-60.79	-54.91	0.81	8	V
	5551.02	-44.87	-13	-31.87	-63.93	-54.86	1.01	11	V
	7401.36	-45.95	-13	-32.95	-68.44	-58.19	1.46	13.7	V
Middle	3758.92	-46.50	-13	-33.50	-59.27	-53.69	0.81	8.00	H
	5638.38	-41.43	-13	-28.43	-60.18	-51.42	1.01	11.00	H
	7517.84	-45.45	-13	-32.45	-67.62	-57.69	1.46	13.70	H
	3758.92	-45.40	-13	-32.40	-58.47	-52.59	0.81	8	V
	5638.38	-42.28	-13	-29.28	-61.34	-52.27	1.01	11	V
	7517.84	-46.14	-13	-33.14	-68.63	-58.38	1.46	13.7	V
Highest	3808	-53.59	-13	-40.59	-66.36	-60.78	0.81	8.00	H
	5716	-48.95	-13	-35.95	-67.70	-58.94	1.01	11.00	H
	7620	-46.19	-13	-33.19	-68.36	-58.43	1.46	13.70	H
	3808	-53.21	-13	-40.21	-66.28	-60.40	0.81	8	V
	5716	-49.13	-13	-36.13	-68.19	-59.12	1.01	11	V
	7620	-45.91	-13	-32.91	-68.4	-58.15	1.46	13.7	V

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

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.18	-49.46	-13	-36.46	-62.23	-56.65	0.81	8.00	H
	5551.77	-45.12	-13	-32.12	-63.87	-55.11	1.01	11.00	H
	7402.36	-45.78	-13	-32.78	-67.95	-58.02	1.46	13.70	H
	3701.18	-47.37	-13	-34.37	-60.44	-54.56	0.81	8	V
	5551.77	-44.47	-13	-31.47	-63.53	-54.46	1.01	11	V
	7402.36	-46.23	-13	-33.23	-68.72	-58.47	1.46	13.7	V
Middle	3751.18	-47.06	-13	-34.06	-59.83	-54.25	0.81	8.00	H
	5626.77	-39.65	-13	-26.65	-58.62	-49.64	1.01	11.00	H
	7502.36	-46.29	-13	-33.29	-68.46	-58.53	1.46	13.70	H
	3751.18	-44.61	-13	-31.61	-57.68	-51.80	0.81	8	V
	5626.77	-34.37	-13	-21.37	-55.03	-44.36	1.01	11	V
	7502.36	-45.45	-13	-32.45	-67.94	-57.69	1.46	13.7	V
Highest	3801.18	-47.11	-13	-34.11	-59.88	-54.30	0.81	8.00	H
	5701.77	-46.17	-13	-33.17	-64.92	-56.16	1.01	11.00	H
	7602.36	-45.86	-13	-32.86	-68.03	-58.10	1.46	13.70	H
	3801.18	-45.77	-13	-32.77	-58.84	-52.96	0.81	8	V
	5701.77	-37.17	-13	-24.17	-57.06	-47.16	1.01	11	V
	7602.36	-45.21	-13	-32.21	-67.7	-57.45	1.46	13.7	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-50.10	-13	-37.10	-62.87	-57.29	0.81	8.00	H
	5552.52	-47.01	-13	-34.01	-65.76	-57.00	1.01	11.00	H
	7403.36	-46.42	-13	-33.42	-68.59	-58.66	1.46	13.70	H
	3701.68	-49.29	-13	-36.29	-62.36	-56.48	0.81	8	V
	5552.52	-45.97	-13	-32.97	-65.03	-55.96	1.01	11	V
	7403.36	-45.53	-13	-32.53	-68.02	-57.77	1.46	13.7	V
Middle	3746.68	-49.34	-13	-36.34	-62.11	-56.53	0.81	8.00	H
	5620.02	-43.68	-13	-30.68	-62.43	-53.67	1.01	11.00	H
	7493.36	-46.45	-13	-33.45	-68.62	-58.69	1.46	13.70	H
	3746.68	-49.28	-13	-36.28	-62.35	-56.47	0.81	8	V
	5620.02	-40.47	-13	-27.47	-59.53	-50.46	1.01	11	V
	7493.36	-46.13	-13	-33.13	-68.62	-58.37	1.46	13.7	V
Highest	3791.68	-49.63	-13	-36.63	-62.40	-56.82	0.81	8.00	H
	5687.52	-40.24	-13	-27.24	-58.99	-50.23	1.01	11.00	H
	7583.36	-46.27	-13	-33.27	-68.44	-58.51	1.46	13.70	H
	3791.68	-48.33	-13	-35.33	-61.4	-55.52	0.81	8	V
	5687.52	-42.14	-13	-29.14	-61.2	-52.13	1.01	11	V
	7583.36	-45.71	-13	-32.71	-68.2	-57.95	1.46	13.7	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-50.66	-13	-37.66	-63.43	-57.85	0.81	8.00	H
	5553.27	-41.87	-13	-28.87	-60.62	-51.86	1.01	11.00	H
	7404.36	-68.53	-13	-55.53	-68.53	-80.77	1.46	13.70	H
	3702.18	-49.16	-13	-36.16	-62.23	-56.35	0.81	8	V
	5553.27	-41.22	-13	-28.22	-60.28	-51.21	1.01	11	V
	7404.36	-45.35	-13	-32.35	-67.84	-57.59	1.46	13.7	V
Middle	3742.18	-47.94	-13	-34.94	-60.71	-55.13	0.81	8.00	H
	5613.27	-41.65	-13	-28.65	-60.40	-51.64	1.01	11.00	H
	7484.36	-46.28	-13	-33.28	-68.45	-58.52	1.46	13.70	H
	3742.18	-48.12	-13	-35.12	-61.19	-55.31	0.81	8	V
	5613.27	-38.19	-13	-25.19	-57.25	-48.18	1.01	11	V
	7484.36	-45.41	-13	-32.41	-67.9	-57.65	1.46	13.7	V
Highest	3782.18	-48.73	-13	-35.73	-61.50	-55.92	0.81	8.00	H
	5673.27	-38.33	-13	-25.33	-57.08	-48.32	1.01	11.00	H
	7564.36	-45.95	-13	-32.95	-68.12	-58.19	1.46	13.70	H
	3782.18	-49.34	-13	-36.34	-62.41	-56.53	0.81	8	V
	5673.27	-42.81	-13	-29.81	-61.87	-52.80	1.01	11	V
	7564.36	-45.16	-13	-32.16	-67.65	-57.40	1.46	13.7	V

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

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-43.26	-13	-30.26	-69.89	-55.05	0.81	12.60	H
	5130.48	-45.63	-13	-32.63	-72.26	-57.38	0.95	12.70	H
	6840.64	-45.30	-13	-32.30	-74.82	-55.87	1.13	11.70	H
	3420.32	-47.58	-13	-34.58	-69.86	-59.37	0.81	12.6	V
	5130.48	-50.67	-13	-37.67	-72.95	-62.42	0.95	12.7	V
	6840.64	-49.91	-13	-36.91	-74.44	-60.48	1.13	11.7	V
Middle	3463.74	-41.40	-13	-28.40	-68.03	-53.19	0.81	12.60	H
	5195.61	-43.23	-13	-30.23	-72.75	-54.98	0.95	12.70	H
	6927.48	-45.10	-13	-32.10	-75.50	-55.67	1.13	11.70	H
	3463.74	-47.86	-13	-34.86	-70.14	-59.65	0.81	12.6	V
	5195.61	-48.99	-13	-35.99	-73.52	-60.74	0.95	12.7	V
	6927.48	-43.14	-13	-30.14	-74.95	-53.71	1.13	11.7	V
Highest	3507.52	-42.22	-13	-29.22	-68.85	-54.01	0.81	12.60	H
	5261.28	-43.27	-13	-30.27	-72.79	-55.02	0.95	12.70	H
	7015.04	-45.59	-13	-32.59	-75.11	-56.16	1.13	11.70	H
	3507.52	-46.22	-13	-33.22	-68.82	-58.01	0.81	12.6	V
	5261.28	-48.58	-13	-35.58	-73.11	-60.33	0.95	12.7	V
	7015.04	-50.52	-13	-37.52	-75.05	-61.09	1.13	11.7	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-43.40	-13	-30.40	-70.03	-55.19	0.81	12.60	H
	5130.72	-43.44	-13	-30.44	-72.96	-55.19	0.95	12.70	H
	6840.96	-44.68	-13	-31.68	-75.08	-55.25	1.13	11.70	H
	3420.48	-47.81	-13	-34.81	-70.09	-59.60	0.81	12.6	V
	5130.72	-48.37	-13	-35.37	-72.9	-60.12	0.95	12.7	V
	6840.96	-42.84	-13	-29.84	-74.65	-53.41	1.13	11.7	V
Middle	3462.48	-43.90	-13	-30.90	-70.53	-55.69	0.81	12.60	H
	5193.72	-42.57	-13	-29.57	-72.09	-54.32	0.95	12.70	H
	6924.96	-44.69	-13	-31.69	-75.09	-55.26	1.13	11.70	H
	3462.48	-48.39	-13	-35.39	-70.67	-60.18	0.81	12.6	V
	5193.72	-48.40	-13	-35.40	-72.93	-60.15	0.95	12.7	V
	6924.96	-42.79	-13	-29.79	-74.6	-53.36	1.13	11.7	V
Highest	3504.48	-40.08	-13	-27.08	-66.71	-51.87	0.81	12.60	H
	5256.72	-42.18	-13	-29.18	-71.70	-53.93	0.95	12.70	H
	7008.96	-44.45	-13	-31.45	-74.85	-55.02	1.13	11.70	H
	3504.48	-41.72	-13	-28.72	-67.04	-53.51	0.81	12.6	V
	5256.72	-48.55	-13	-35.55	-73.08	-60.30	0.95	12.7	V
	7008.96	-42.77	-13	-29.77	-74.58	-53.34	1.13	11.7	V

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

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.68	-40.49	-13	-27.49	-67.12	-52.28	0.81	12.60	H
	5131.02	-43.79	-13	-30.79	-73.31	-55.54	0.95	12.70	H
	6841.36	-43.77	-13	-30.77	-74.17	-54.34	1.13	11.70	H
	3420.68	-40.26	-13	-27.26	-66.28	-52.05	0.81	12.6	V
	5131.02	-48.16	-13	-35.16	-72.69	-59.91	0.95	12.7	V
	6841.36	-43.07	-13	-30.07	-74.88	-53.64	1.13	11.7	V
Middle	3460.68	-42.08	-13	-29.08	-68.71	-53.87	0.81	12.60	H
	5191.02	-42.55	-13	-29.55	-72.07	-54.30	0.95	12.70	H
	6921.36	-44.29	-13	-31.29	-74.69	-54.86	1.13	11.70	H
	3460.68	-46.68	-13	-33.68	-69.09	-58.47	0.81	12.6	V
	5191.02	-48.50	-13	-35.50	-73.03	-60.25	0.95	12.7	V
	6921.36	-42.72	-13	-29.72	-74.53	-53.29	1.13	11.7	V
Highest	3500.68	-37.88	-13	-24.88	-66.12	-49.67	0.81	12.60	H
	5251.02	-40.81	-13	-27.81	-70.33	-52.56	0.95	12.70	H
	7001.36	-44.64	-13	-31.64	-75.04	-55.21	1.13	11.70	H
	3500.68	-41.43	-13	-28.43	-66.89	-53.22	0.81	12.6	V
	5251.02	-47.29	-13	-34.29	-71.82	-59.04	0.95	12.7	V
	7001.36	-43.58	-13	-30.58	-75.39	-54.15	1.13	11.7	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-41.86	-13	-28.86	-68.49	-53.65	0.81	12.60	H
	5131.77	-43.57	-13	-30.57	-73.09	-55.32	0.95	12.70	H
	6842.36	-44.22	-13	-31.22	-74.62	-54.79	1.13	11.70	H
	3421.18	-41.11	-13	-28.11	-66.73	-52.90	0.81	12.6	V
	5131.77	-48.40	-13	-35.40	-72.93	-60.15	0.95	12.7	V
	6842.36	-43.21	-13	-30.21	-75.02	-53.78	1.13	11.7	V
Middle	3456.18	-42.16	-13	-29.16	-68.79	-53.95	0.81	12.60	H
	5184.27	-42.02	-13	-29.02	-71.54	-53.77	0.95	12.70	H
	6912.36	-44.24	-13	-31.24	-74.64	-54.81	1.13	11.70	H
	3456.18	-46.10	-13	-33.10	-68.75	-57.89	0.81	12.6	V
	5184.27	-48.00	-13	-35.00	-72.53	-59.75	0.95	12.7	V
	6912.36	-43.24	-13	-30.24	-75.05	-53.81	1.13	11.7	V
Highest	3491.18	-37.78	-13	-24.78	-66.03	-49.57	0.81	12.60	H
	5236.77	-41.87	-13	-28.87	-71.39	-53.62	0.95	12.70	H
	6982.36	-44.74	-13	-31.74	-75.14	-55.31	1.13	11.70	H
	3491.18	-37.78	-13	-24.78	-64.91	-49.57	0.81	12.6	V
	5236.77	-43.33	-13	-30.33	-70.43	-55.08	0.95	12.7	V
	6982.36	-43.77	-13	-30.77	-75.58	-54.34	1.13	11.7	V

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

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.68	-42.08	-13	-29.08	-68.71	-53.87	0.81	12.60	H
	5132.52	-43.28	-13	-30.28	-72.80	-55.03	0.95	12.70	H
	6843.36	-44.49	-13	-31.49	-74.89	-55.06	1.13	11.70	H
	3421.68	-46.03	-13	-33.03	-68.71	-57.82	0.81	12.6	V
	5132.52	-48.60	-13	-35.60	-73.13	-60.35	0.95	12.7	V
	6843.36	-42.50	-13	-29.50	-74.31	-53.07	1.13	11.7	V
Middle	3451.68	-41.63	-13	-28.63	-68.26	-53.42	0.81	12.60	H
	5177.52	-43.04	-13	-30.04	-72.56	-54.79	0.95	12.70	H
	6903.36	-45.29	-13	-32.29	-75.69	-55.86	1.13	11.70	H
	3451.68	-46.61	-13	-33.61	-69.05	-58.40	0.81	12.6	V
	5177.52	-48.41	-13	-35.41	-72.94	-60.16	0.95	12.7	V
	6903.36	-43.17	-13	-30.17	-74.98	-53.74	1.13	11.7	V
Highest	3481.68	-41.84	-13	-28.84	-68.47	-53.63	0.81	12.60	H
	5222.52	-43.67	-13	-30.67	-73.19	-55.42	0.95	12.70	H
	6963.36	-44.48	-13	-31.48	-74.88	-55.05	1.13	11.70	H
	3481.68	-46.58	-13	-33.58	-69.03	-58.37	0.81	12.6	V
	5222.52	-48.65	-13	-35.65	-73.18	-60.40	0.95	12.7	V
	6963.36	-43.60	-13	-30.60	-75.41	-54.17	1.13	11.7	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-41.20	-13	-28.20	-67.83	-52.99	0.81	12.60	H
	5133.27	-43.49	-13	-30.49	-73.01	-55.24	0.95	12.70	H
	6844.36	-44.48	-13	-31.48	-74.88	-55.05	1.13	11.70	H
	3422.18	-43.04	-13	-30.04	-67.5	-54.83	0.81	12.6	V
	5133.27	-47.90	-13	-34.90	-72.43	-59.65	0.95	12.7	V
	6844.36	-42.72	-13	-29.72	-74.53	-53.29	1.13	11.7	V
Middle	3447.18	-41.37	-13	-28.37	-68.00	-53.16	0.81	12.60	H
	5170.77	-42.87	-13	-29.87	-72.39	-54.62	0.95	12.70	H
	6894.36	-44.75	-13	-31.75	-75.15	-55.32	1.13	11.70	H
	3447.18	-43.98	-13	-30.98	-67.97	-55.77	0.81	12.6	V
	5170.77	-48.71	-13	-35.71	-73.24	-60.46	0.95	12.7	V
	6894.36	-43.02	-13	-30.02	-74.83	-53.59	1.13	11.7	V
Highest	3472.18	-41.77	-13	-28.77	-68.40	-53.56	0.81	12.60	H
	5208.27	-43.65	-13	-30.65	-73.17	-55.40	0.95	12.70	H
	6944.36	-44.87	-13	-31.87	-75.27	-55.44	1.13	11.70	H
	3472.18	-44.00	-13	-31.00	-67.98	-55.79	0.81	12.6	V
	5208.27	-48.49	-13	-35.49	-73.02	-60.24	0.95	12.7	V
	6944.36	-43.40	-13	-30.40	-75.21	-53.97	1.13	11.7	V

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

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000.68	-42.93	-25	-17.93	-57.81	-54.68	0.95	12.70	H
	7501.02	-39.44	-25	-14.44	-60.53	-49.68	1.46	11.70	H
	10001.36	-37.29	-25	-12.29	-62.47	-48.08	1.31	12.10	H
	12500.00	-25.63	-25	-0.63	-53.89	-37.68	1.55	13.60	H
	5000.68	-40.10	-25	-15.10	-56.59	-51.85	0.95	12.70	V
	7501.02	-40.20	-25	-15.20	-60.95	-50.44	1.46	11.70	V
	10001.36	-39.49	-25	-14.49	-62.35	-50.28	1.31	12.10	V
	12500.00	-29.77	-25	-4.77	-57.60	-41.82	1.55	13.60	V
Middle	5065.68	-42.76	-25	-17.76	-57.64	-54.51	0.95	12.70	H
	7598.52	-32.70	-25	-7.70	-54.25	-42.94	1.46	11.70	H
	10131.36	-35.37	-25	-10.37	-60.55	-46.16	1.31	12.10	H
	12664.00	-25.50	-25	-0.50	-53.76	-37.55	1.55	13.60	H
	5065.68	-45.20	-25	-20.20	-60.33	-56.95	0.95	12.70	V
	7598.52	-32.93	-25	-7.93	-54.17	-43.17	1.46	11.70	V
	10131.36	-37.53	-25	-12.53	-60.39	-48.32	1.31	12.10	V
	12664.00	-28.58	-25	-3.58	-56.41	-40.63	1.55	13.60	V
Highest	5130.68	-43.74	-25	-18.74	-58.62	-55.49	0.95	12.70	H
	7696.02	-31.80	-25	-6.80	-53.47	-42.04	1.46	11.70	H
	10261.36	-36.18	-25	-11.18	-61.36	-46.97	1.31	12.10	H
	12828.00	-25.61	-25	-0.61	-53.87	-37.66	1.55	13.60	H
	5130.68	-46.16	-25	-21.16	-61.29	-57.91	0.95	12.70	V
	7696.02	-33.06	-25	-8.06	-54.27	-43.30	1.46	11.70	V
	10261.36	-36.56	-25	-11.56	-59.69	-47.35	1.31	12.10	V
	12828.00	-27.41	-25	-2.41	-55.24	-39.46	1.55	13.60	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-41.90	-25	-16.90	-56.78	-53.65	0.95	12.70	H
	7501.77	-37.37	-25	-12.37	-58.46	-47.61	1.46	11.70	H
	10002.36	-36.91	-25	-11.91	-62.09	-47.70	1.31	12.10	H
	12504.00	-25.22	-25	-0.22	-53.48	-37.27	1.55	13.60	H
	5001.18	-44.74	-25	-19.74	-59.87	-56.49	0.95	12.70	V
	7501.77	-39.28	-25	-14.28	-60.03	-49.52	1.46	11.70	V
	10002.36	-39.07	-25	-14.07	-61.93	-49.86	1.31	12.10	V
	12504.00	-29.01	-25	-4.01	-56.84	-41.06	1.55	13.60	V
Middle	5061.18	-47.63	-25	-22.63	-62.51	-59.38	0.95	12.70	H
	7591.77	-29.50	-25	-4.50	-51.57	-39.74	1.46	11.70	H
	10122.36	-32.30	-25	-7.30	-57.75	-43.09	1.31	12.10	H
	12652.50	-28.35	-25	-3.35	-56.61	-40.40	1.55	13.60	H
	5061.18	-48.73	-25	-23.73	-63.86	-60.48	0.95	12.70	V
	7591.77	-30.83	-25	-5.83	-52.71	-41.07	1.46	11.70	V
	10122.36	-35.00	-25	-10.00	-59.04	-45.79	1.31	12.10	V
	12652.50	-30.87	-25	-5.87	-58.70	-42.92	1.55	13.60	V
Highest	5121.18	-43.00	-25	-18.00	-57.88	-54.75	0.95	12.70	H
	7681.77	-27.48	-25	-2.48	-49.89	-37.72	1.46	11.70	H
	10242.36	-30.45	-25	-5.45	-56.56	-41.24	1.31	12.10	H
	12802.50	-25.74	-25	-0.74	-54.00	-37.79	1.55	13.60	H
	5121.18	-44.05	-25	-19.05	-59.18	-55.80	0.95	12.70	V
	7681.77	-29.85	-25	-4.85	-51.79	-40.09	1.46	11.70	V
	10242.36	-31.36	-25	-6.36	-56.45	-42.15	1.31	12.10	V
	12802.50	-30.00	-25	-5.00	-57.83	-42.05	1.55	13.60	V

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

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-45.79	-25	-20.79	-60.67	-57.54	0.95	12.70	H
	7502.52	-39.45	-25	-14.45	-60.54	-49.69	1.46	11.70	H
	10003.36	-37.04	-25	-12.04	-62.22	-47.83	1.31	12.10	H
	12503.75	-26.23	-25	-1.23	-54.49	-38.28	1.55	13.60	H
	5001.68	-47.88	-25	-22.88	-63.01	-59.63	0.95	12.70	V
	7502.52	-41.16	-25	-16.16	-61.91	-51.40	1.46	11.70	V
	10003.36	-39.34	-25	-14.34	-62.2	-50.13	1.31	12.10	V
	12503.75	-28.31	-25	-3.31	-56.14	-40.36	1.55	13.60	V
Middle	5056.68	-49.04	-25	-24.04	-63.92	-60.79	0.95	12.70	H
	7585.02	-28.18	-25	-3.18	-50.44	-38.42	1.46	11.70	H
	10113.00	-43.24	-25	-18.24	-68.42	-54.03	1.31	12.10	H
	12641.25	-30.35	-25	-5.35	-58.61	-42.40	1.55	13.60	H
	5056.68	-48.27	-25	-23.27	-63.4	-60.02	0.95	12.70	V
	7585.02	-29.69	-25	-4.69	-51.68	-39.93	1.46	11.70	V
	10113	-31.43	-25	-6.43	-56.5	-42.22	1.31	12.10	V
	12641.25	-33.78	-25	-8.78	-61.61	-45.83	1.55	13.60	V
Highest	5111.68	-37.25	-25	-12.25	-53.57	-49.00	0.95	12.70	H
	7667.52	-26.34	-25	-1.34	-48.88	-36.58	1.46	11.70	H
	10223.36	-33.15	-25	-8.15	-58.54	-43.94	1.31	12.10	H
	12780.00	-25.89	-25	-0.89	-54.15	-37.94	1.55	13.60	H
	5111.68	-43.16	-25	-18.16	-58.29	-54.91	0.95	12.70	V
	7667.52	-26.75	-25	-1.75	-49.17	-36.99	1.46	11.70	V
	10223.36	-32.59	-25	-7.59	-57.38	-43.38	1.31	12.10	V
	12780.00	-29.07	-25	-4.07	-56.90	-41.12	1.55	13.60	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-41.44	-25	-16.44	-56.32	-53.19	0.95	12.70	H
	7503.27	-38.94	-25	-13.94	-60.03	-49.18	1.46	11.70	H
	10004.36	-37.34	-25	-12.34	-62.52	-48.13	1.31	12.10	H
	12504.00	-25.52	-25	-0.52	-53.78	-37.57	1.55	13.60	H
	5002.18	-40.11	-25	-15.11	-56.6	-51.86	0.95	12.70	V
	7503.27	-39.22	-25	-14.22	-59.97	-49.46	1.46	11.70	V
	10004.36	-39.79	-25	-14.79	-62.65	-50.58	1.31	12.10	V
	12504.00	-29.45	-25	-4.45	-57.28	-41.50	1.55	13.60	V
Middle	5052.18	-43.69	-25	-18.69	-58.57	-55.44	0.95	12.70	H
	7578.27	-28.69	-25	-3.69	-50.86	-38.93	1.46	11.70	H
	10104.36	-34.08	-25	-9.08	-59.26	-44.87	1.31	12.10	H
	12628.00	-29.48	-25	-4.48	-57.74	-41.53	1.55	13.60	H
	5052.18	-44.85	-25	-19.85	-59.98	-56.60	0.95	12.70	V
	7578.27	-29.82	-25	-4.82	-51.77	-40.06	1.46	11.70	V
	10104.36	-34.41	-25	-9.41	-58.77	-45.20	1.31	12.10	V
	12628.00	-32.90	-25	-7.90	-60.73	-44.95	1.55	13.60	V
Highest	5102.18	-36.22	-25	-11.22	-52.98	-47.97	0.95	12.70	H
	7653.27	-28.26	-25	-3.26	-50.51	-38.50	1.46	11.70	H
	10204.36	-37.88	-25	-12.88	-63.06	-48.67	1.31	12.10	H
	12756.00	-25.21	-25	-0.21	-53.47	-37.26	1.55	13.60	H
	5102.18	-42.40	-25	-17.40	-57.91	-54.15	0.95	12.70	V
	7653.27	-28.42	-25	-3.42	-50.66	-38.66	1.46	11.70	V
	10204.36	-38.43	-25	-13.43	-61.29	-49.22	1.31	12.10	V
	12756.00	-27.46	-25	-2.46	-55.29	-39.51	1.55	13.60	V

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