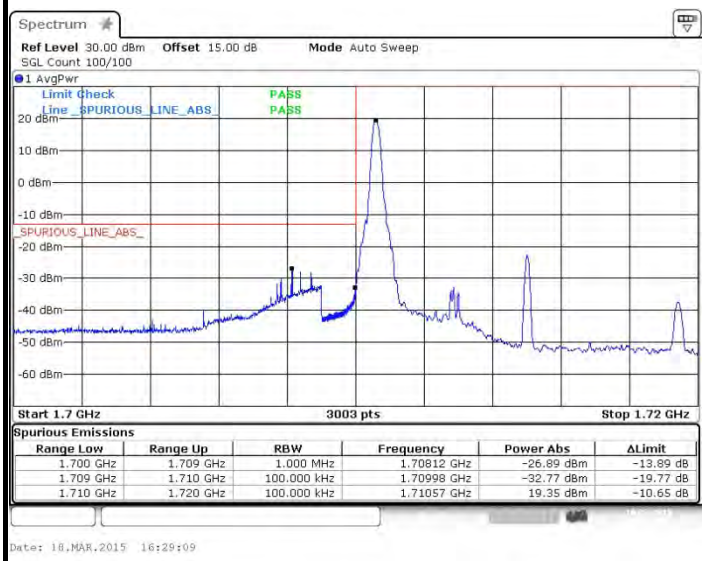
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

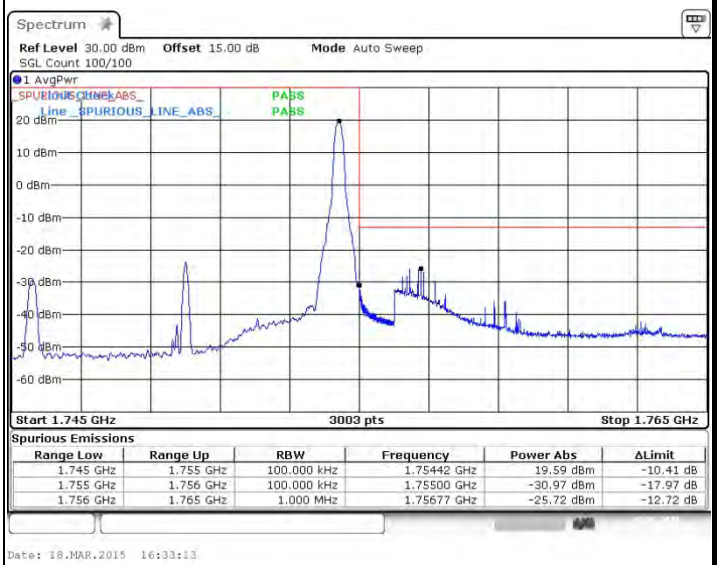


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70812 GHz	-26.89 dBm	-13.89 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70998 GHz	-32.77 dBm	-19.77 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71057 GHz	19.35 dBm	-10.65 dB

Date: 18.MAR.2015 16:29:09

Highest Band Edge / 1 RB

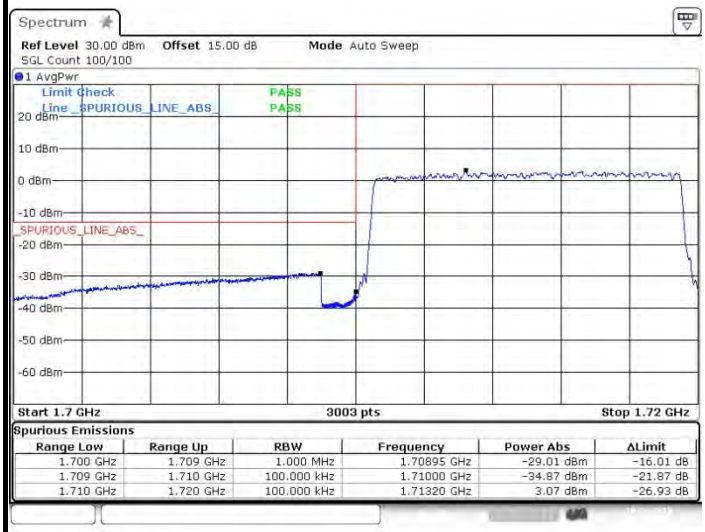


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75442 GHz	19.59 dBm	-10.41 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-30.97 dBm	-17.97 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75677 GHz	-25.72 dBm	-12.72 dB

Date: 18.MAR.2015 16:33:13

Lowest Band Edge / Full RB

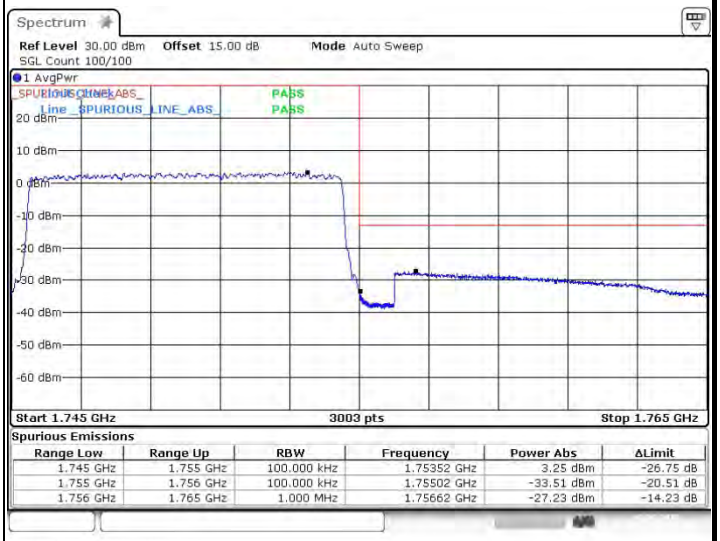


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-29.01 dBm	-16.01 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-34.87 dBm	-21.87 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71320 GHz	3.07 dBm	-26.93 dB

Date: 18.MAR.2015 16:29:50

Highest Band Edge / Full RB



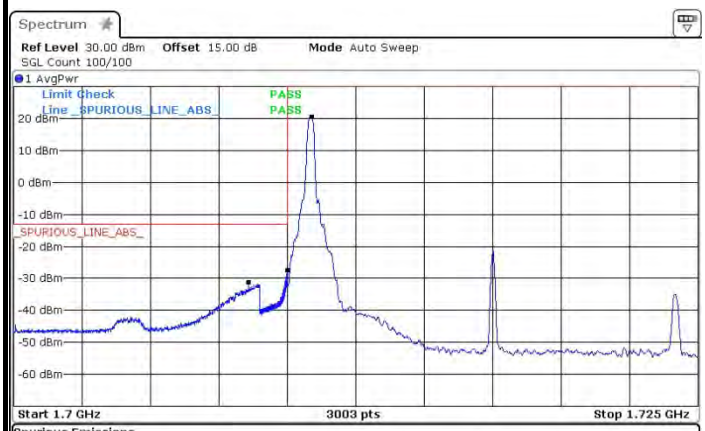
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75352 GHz	3.25 dBm	-26.75 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75502 GHz	-33.51 dBm	-20.51 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75662 GHz	-27.23 dBm	-14.23 dB

Date: 18.MAR.2015 16:31:43

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB

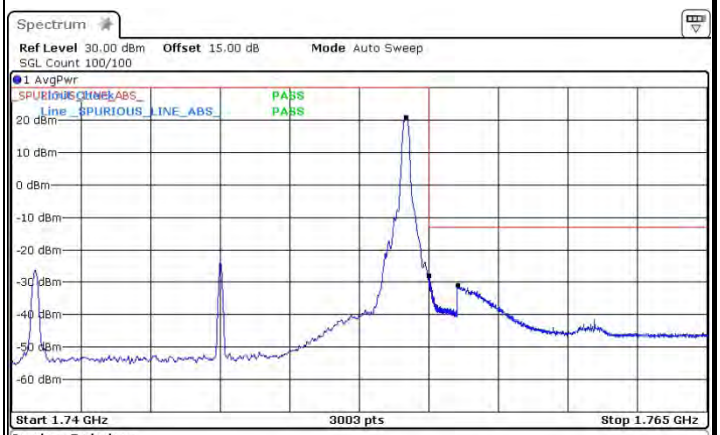


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70858 GHz	-31.25 dBm	-18.25 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-27.53 dBm	-14.53 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71088 GHz	20.47 dBm	-9.53 dB

Date: 18.MAR.2015 16:26:50

Highest Band Edge / 1 RB

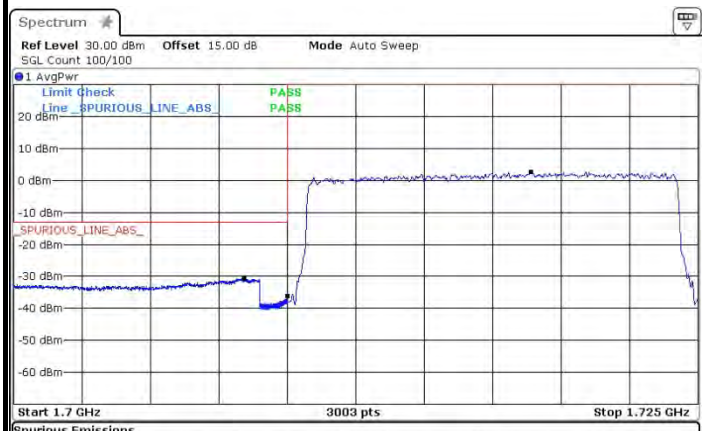


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75418 GHz	20.71 dBm	-9.29 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-27.92 dBm	-14.92 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75603 GHz	-30.99 dBm	-17.99 dB

Date: 18.MAR.2015 16:22:29

Lowest Band Edge / Full RB

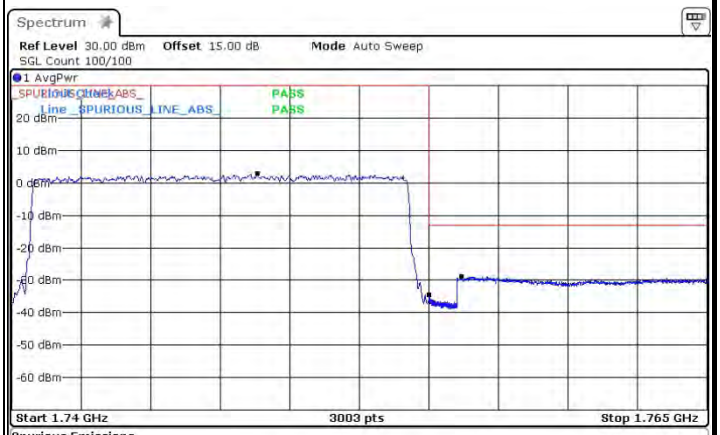


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70842 GHz	-30.73 dBm	-17.73 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-36.21 dBm	-23.21 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71889 GHz	2.76 dBm	-27.24 dB

Date: 18.MAR.2015 16:24:46

Highest Band Edge / Full RB



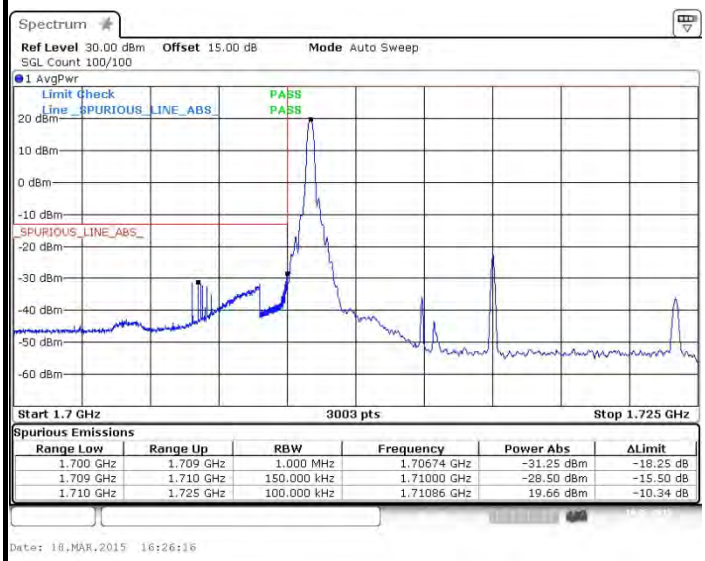
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74883 GHz	3.00 dBm	-27.00 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75501 GHz	-34.50 dBm	-21.50 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75618 GHz	-28.90 dBm	-15.90 dB

Date: 18.MAR.2015 16:24:02

LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

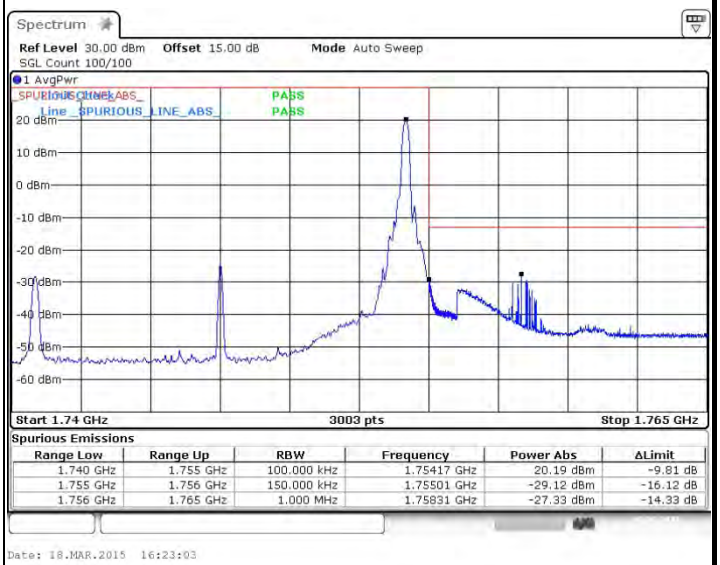


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70674 GHz	-31.25 dBm	-18.25 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.71000 GHz	-28.50 dBm	-15.50 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71086 GHz	19.66 dBm	-10.34 dB

Date: 18.MAR.2015 16:26:16

Highest Band Edge / 1 RB

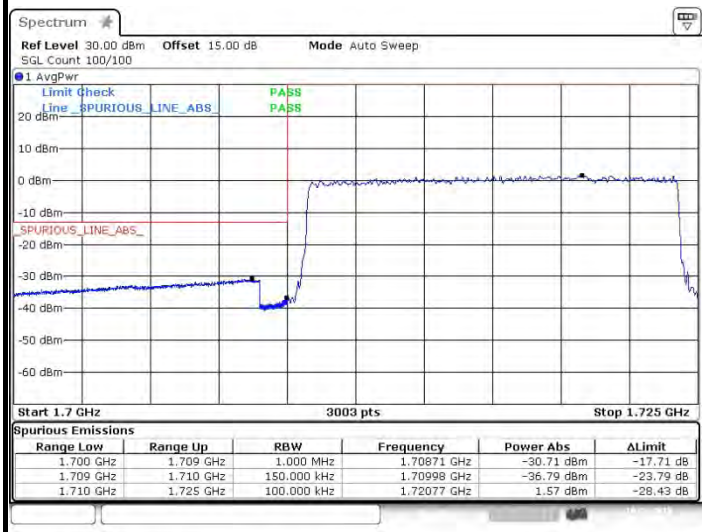


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75417 GHz	20.19 dBm	-9.81 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75501 GHz	-29.12 dBm	-16.12 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75831 GHz	-27.33 dBm	-14.33 dB

Date: 18.MAR.2015 16:23:03

Lowest Band Edge / Full RB

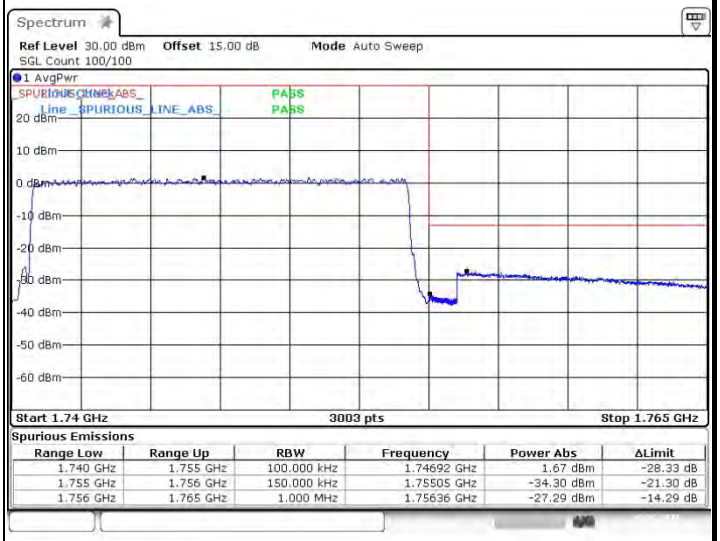


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70871 GHz	-30.71 dBm	-17.71 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70998 GHz	-36.79 dBm	-23.79 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72077 GHz	1.57 dBm	-28.43 dB

Date: 18.MAR.2015 16:25:50

Highest Band Edge / Full RB



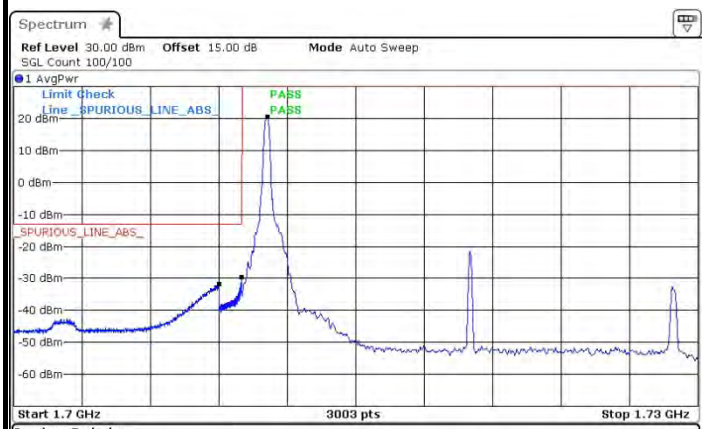
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74692 GHz	1.67 dBm	-28.33 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75505 GHz	-34.30 dBm	-21.30 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75636 GHz	-27.29 dBm	-14.29 dB

Date: 18.MAR.2015 16:23:36

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

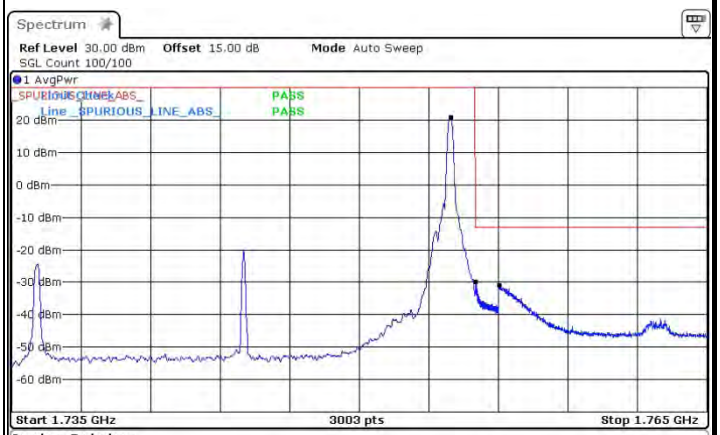


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-31.84 dBm	-18.84 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-29.68 dBm	-16.68 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71113 GHz	20.54 dBm	-9.46 dB

Date: 18.MAR.2015 15:44:06

Highest Band Edge / 1 RB

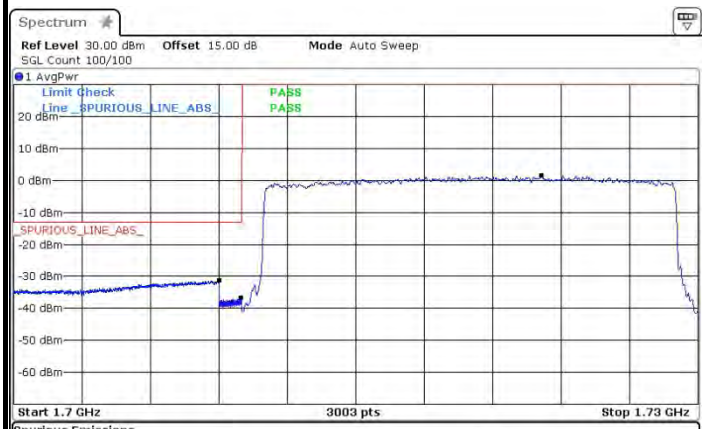


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	20.68 dBm	-9.32 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-29.81 dBm	-16.81 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-31.04 dBm	-18.04 dB

Date: 18.MAR.2015 16:21:39

Lowest Band Edge / Full RB

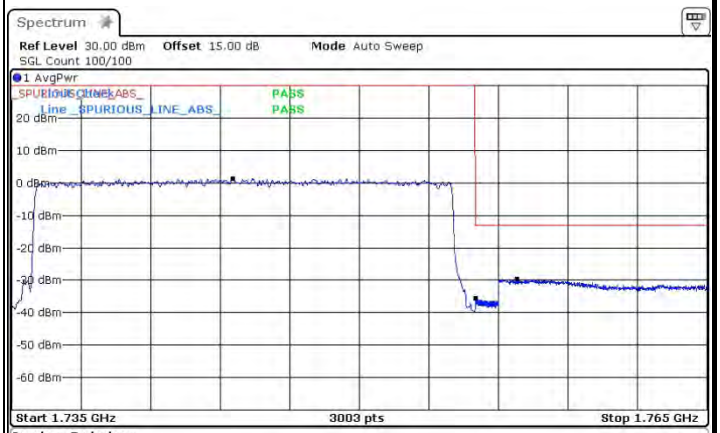


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-31.32 dBm	-18.32 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70993 GHz	-36.54 dBm	-23.54 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72314 GHz	1.46 dBm	-28.54 dB

Date: 18.MAR.2015 16:09:43

Highest Band Edge / Full RB



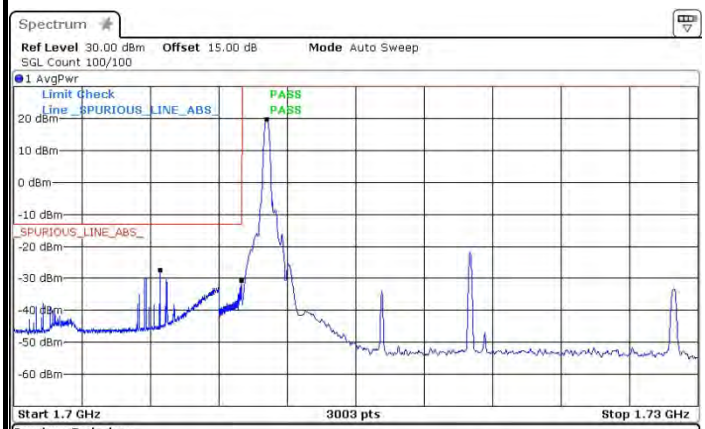
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.74452 GHz	1.27 dBm	-28.73 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-35.61 dBm	-22.61 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75680 GHz	-29.67 dBm	-16.67 dB

Date: 18.MAR.2015 16:11:27

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

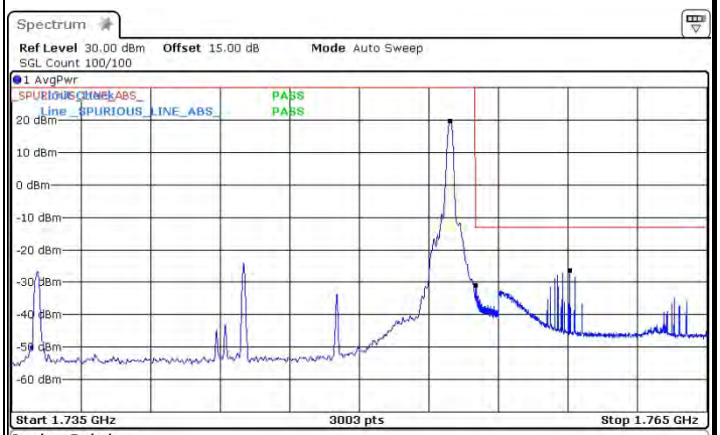


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70641 GHz	-27.38 dBm	-14.38 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-30.79 dBm	-17.79 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	19.84 dBm	-10.16 dB

Date: 18.MAR.2015 15:48:58

Highest Band Edge / 1 RB

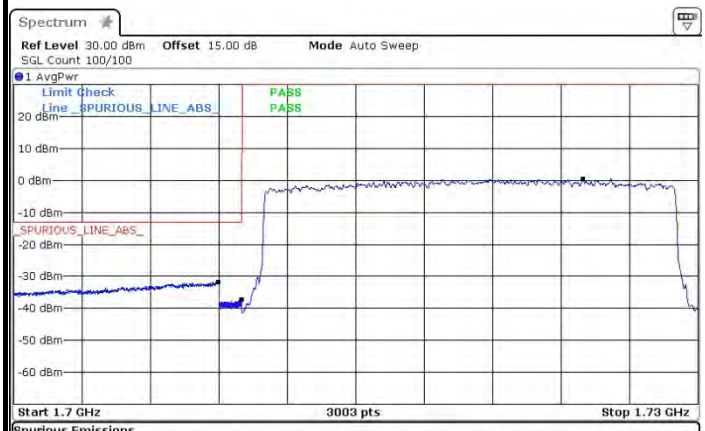


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75391 GHz	19.83 dBm	-10.17 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-30.95 dBm	-17.95 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75909 GHz	-26.31 dBm	-13.31 dB

Date: 18.MAR.2015 16:12:34

Lowest Band Edge / Full RB

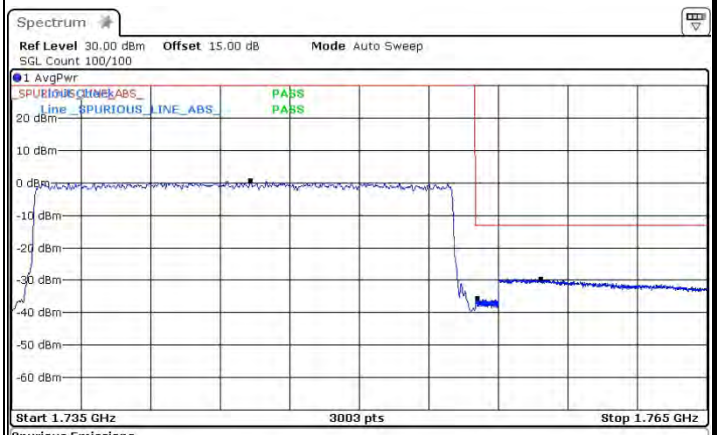


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-31.79 dBm	-18.79 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-37.28 dBm	-24.28 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72494 GHz	0.43 dBm	-29.57 dB

Date: 18.MAR.2015 16:08:36

Highest Band Edge / Full RB



Spurious Emissions

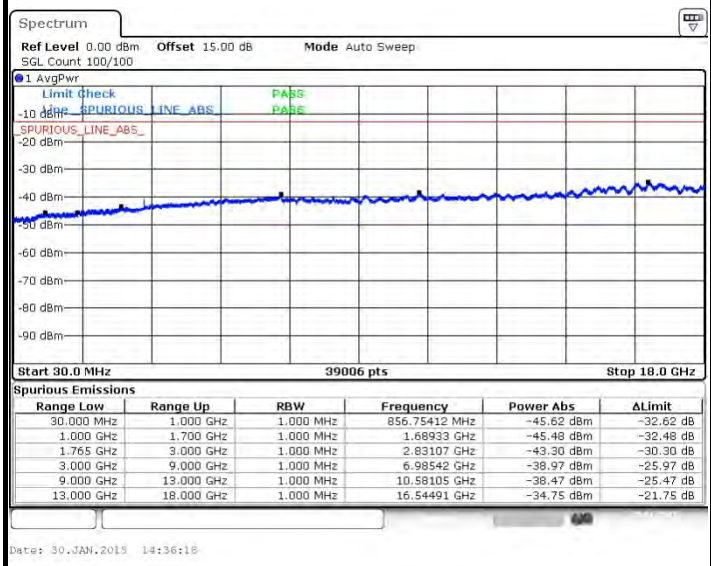
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.74528 GHz	0.66 dBm	-29.34 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75510 GHz	-35.56 dBm	-22.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75783 GHz	-29.58 dBm	-16.58 dB

Date: 18.MAR.2015 16:12:10

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

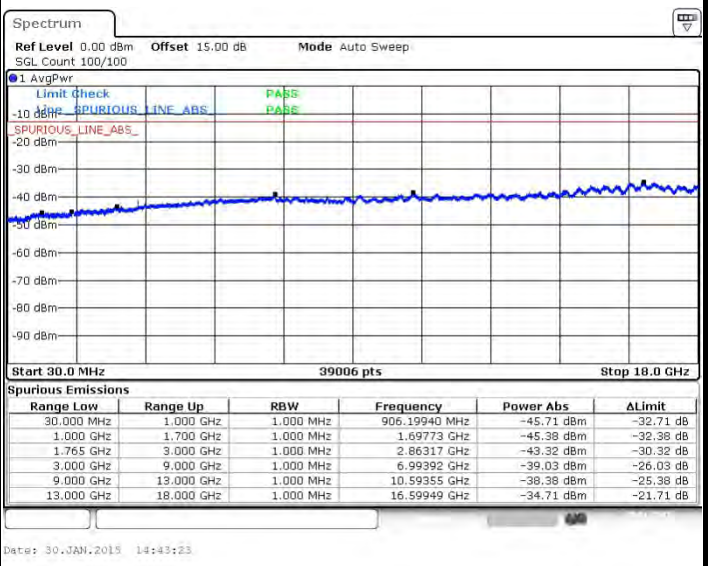


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68933 GHz	-45.48 dBm	-32.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83107 GHz	-43.30 dBm	-30.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-38.97 dBm	-25.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58105 GHz	-38.47 dBm	-25.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54491 GHz	-34.75 dBm	-21.75 dB

Date: 30.JAN.2015 14:36:18

Lowest Channel / 16QAM

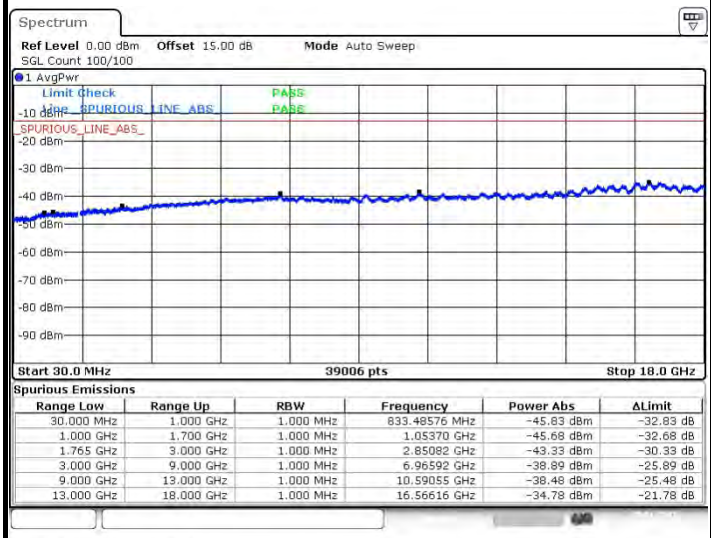


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-45.71 dBm	-32.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-45.38 dBm	-32.38 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86317 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-39.03 dBm	-26.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59355 GHz	-38.38 dBm	-25.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59949 GHz	-34.71 dBm	-21.71 dB

Date: 30.JAN.2015 14:43:23

Middle Channel / QPSK

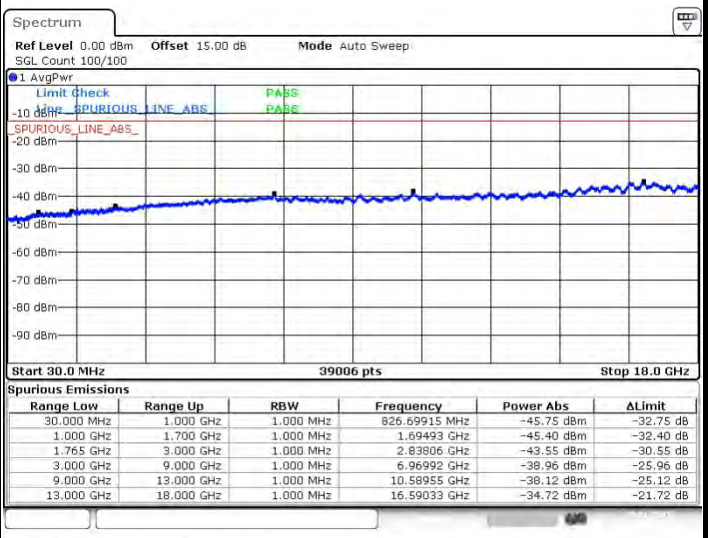


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-45.83 dBm	-32.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05370 GHz	-45.68 dBm	-32.68 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85082 GHz	-43.33 dBm	-30.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96592 GHz	-38.89 dBm	-25.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59055 GHz	-38.48 dBm	-25.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56616 GHz	-34.78 dBm	-21.78 dB

Date: 30.JAN.2015 14:37:06

Middle Channel / 16QAM



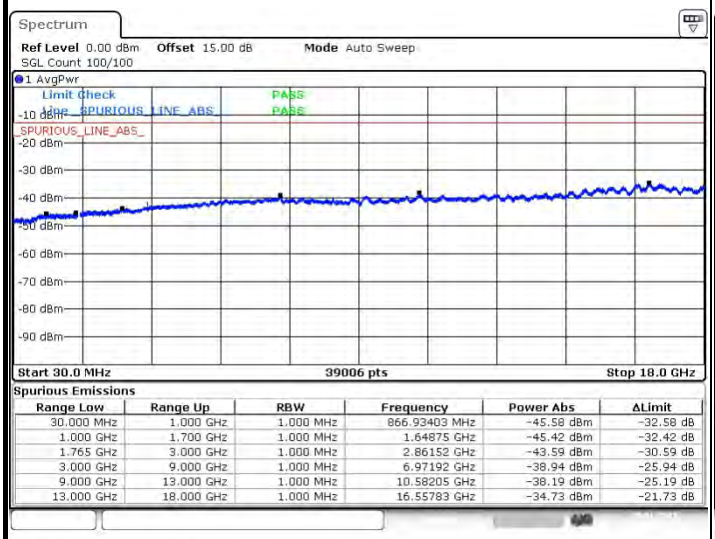
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	826.69915 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69493 GHz	-45.40 dBm	-32.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83806 GHz	-43.55 dBm	-30.55 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96992 GHz	-38.96 dBm	-25.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58955 GHz	-38.12 dBm	-25.12 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59033 GHz	-34.72 dBm	-21.72 dB

Date: 30.JAN.2015 14:42:25

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

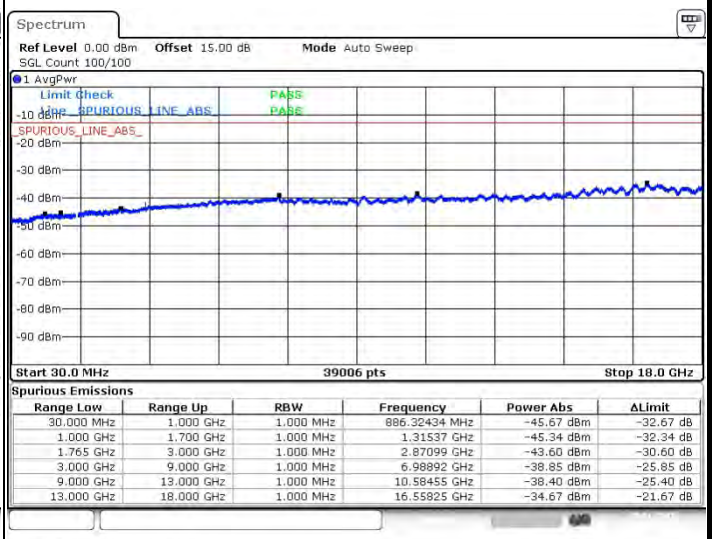


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.93403 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64875 GHz	-45.42 dBm	-32.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86152 GHz	-43.59 dBm	-30.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97192 GHz	-38.94 dBm	-25.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58205 GHz	-38.19 dBm	-25.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55783 GHz	-34.73 dBm	-21.73 dB

Date: 30.JAN.2015 14:40:28

Highest Channel / 16QAM



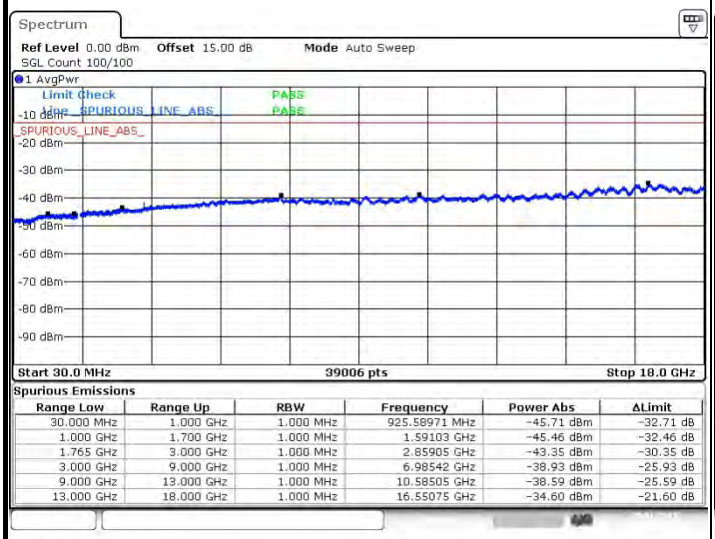
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.32434 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.31537 GHz	-45.34 dBm	-32.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87099 GHz	-43.60 dBm	-30.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-38.85 dBm	-25.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58455 GHz	-38.40 dBm	-25.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55825 GHz	-34.67 dBm	-21.67 dB

Date: 30.JAN.2015 14:41:42

LTE Band 4 / 3MHz

Lowest Channel / QPSK

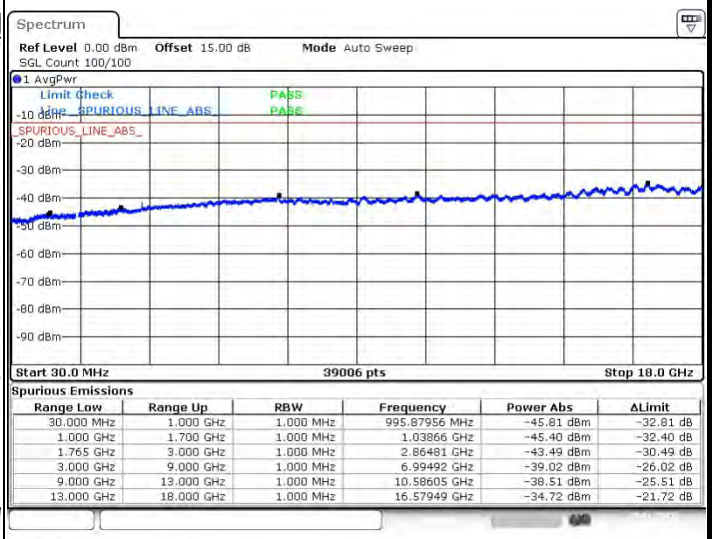


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-45.71 dBm	-32.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.59103 GHz	-45.46 dBm	-32.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85905 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-38.93 dBm	-25.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58505 GHz	-38.59 dBm	-25.59 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55075 GHz	-34.60 dBm	-21.60 dB

Date: 30.JAN.2015 10:51:21

Lowest Channel / 16QAM



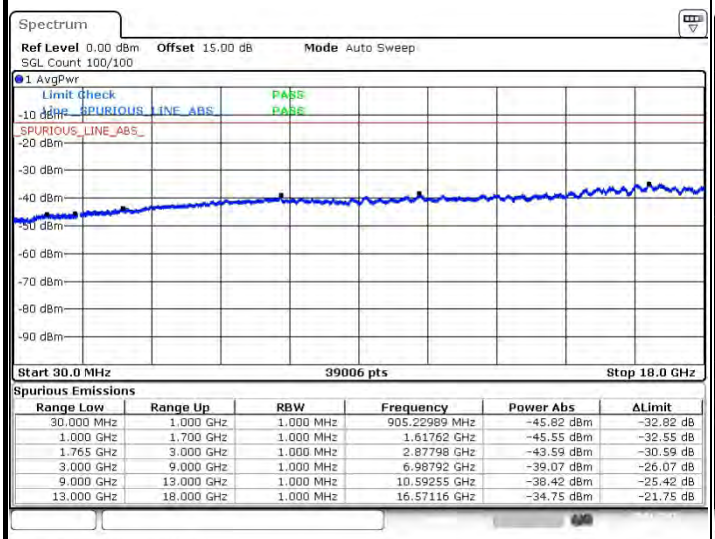
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-45.81 dBm	-32.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03866 GHz	-45.40 dBm	-32.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86481 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-39.02 dBm	-26.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58605 GHz	-38.51 dBm	-25.51 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57949 GHz	-34.72 dBm	-21.72 dB

Date: 30.JAN.2015 10:52:41

LTE Band 4 / 3MHz

Middle Channel / QPSK

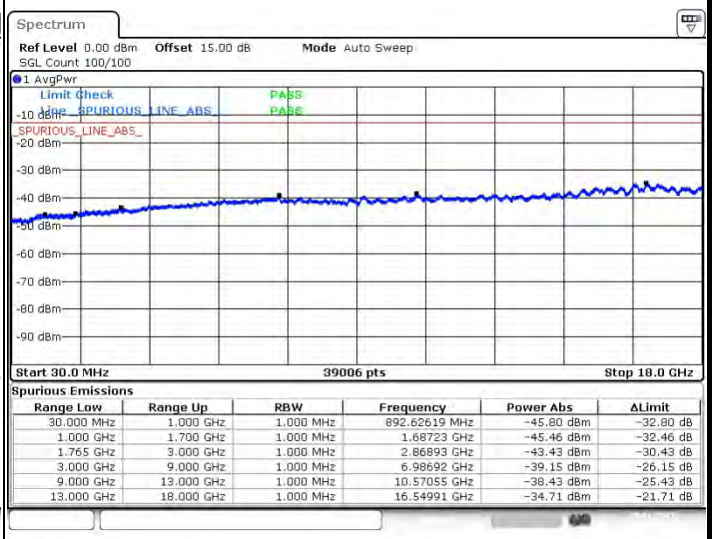


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-45.82 dBm	-32.82 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61762 GHz	-45.55 dBm	-32.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87798 GHz	-43.59 dBm	-30.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-39.07 dBm	-26.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59255 GHz	-38.42 dBm	-25.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57116 GHz	-34.75 dBm	-21.75 dB

Date: 30.JAN.2015 10:54:47

Middle Channel / 16QAM

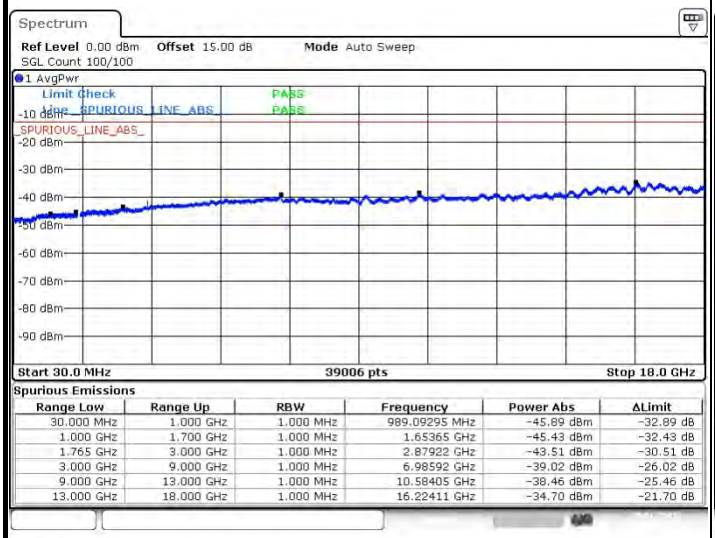


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-45.80 dBm	-32.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-45.46 dBm	-32.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86893 GHz	-43.43 dBm	-30.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98692 GHz	-39.15 dBm	-26.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57055 GHz	-38.43 dBm	-25.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54991 GHz	-34.71 dBm	-21.71 dB

Date: 30.JAN.2015 10:56:08

Highest Channel / QPSK

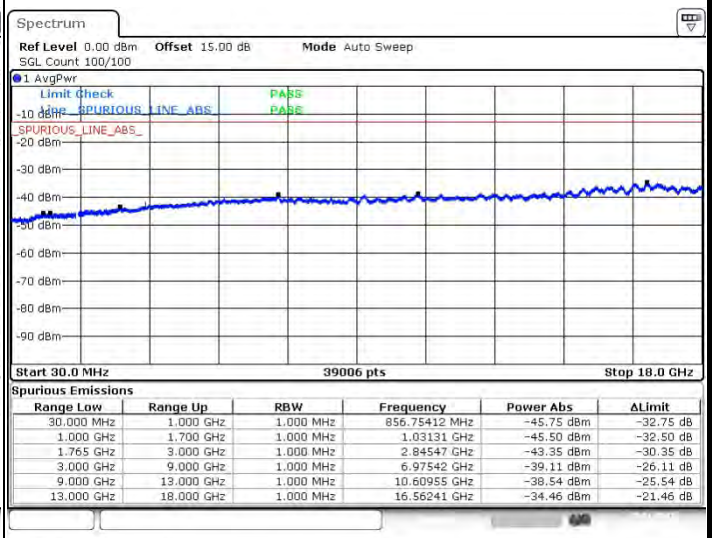


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-45.89 dBm	-32.89 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65365 GHz	-45.43 dBm	-32.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87922 GHz	-43.51 dBm	-30.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-39.02 dBm	-26.02 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58405 GHz	-38.46 dBm	-25.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.22411 GHz	-34.70 dBm	-21.70 dB

Date: 30.JAN.2015 11:03:34

Highest Channel / 16QAM



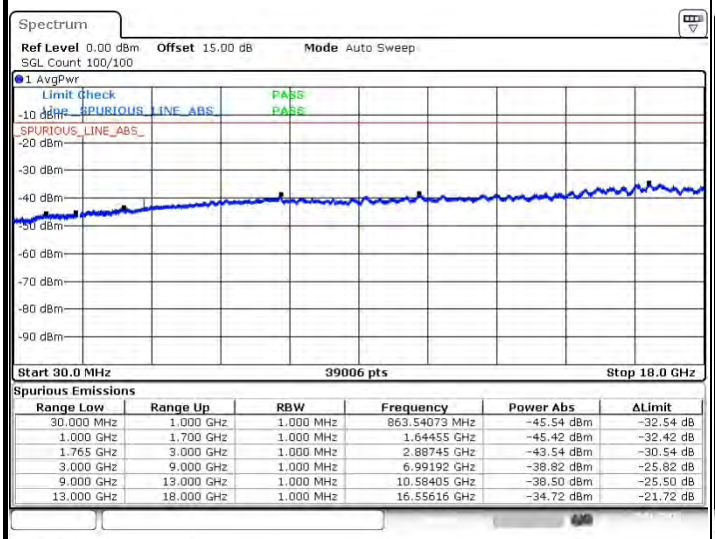
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03131 GHz	-45.50 dBm	-32.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84547 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-39.11 dBm	-26.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60955 GHz	-38.54 dBm	-25.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56241 GHz	-34.46 dBm	-21.46 dB

Date: 30.JAN.2015 11:04:55

LTE Band 4 / 5MHz

Lowest Channel / QPSK

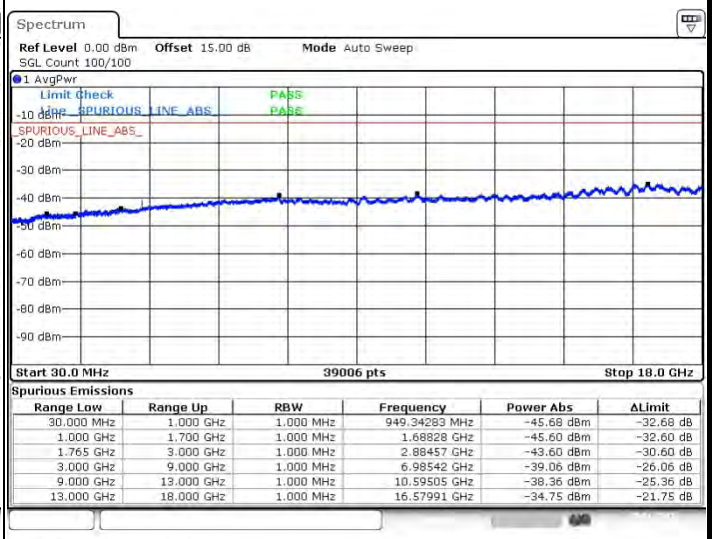


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-45.54 dBm	-32.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64455 GHz	-45.42 dBm	-32.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.88745 GHz	-43.54 dBm	-30.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-38.82 dBm	-25.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58405 GHz	-38.50 dBm	-25.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55616 GHz	-34.72 dBm	-21.72 dB

Date: 30.JAN.2015 11:17:48

Lowest Channel / 16QAM

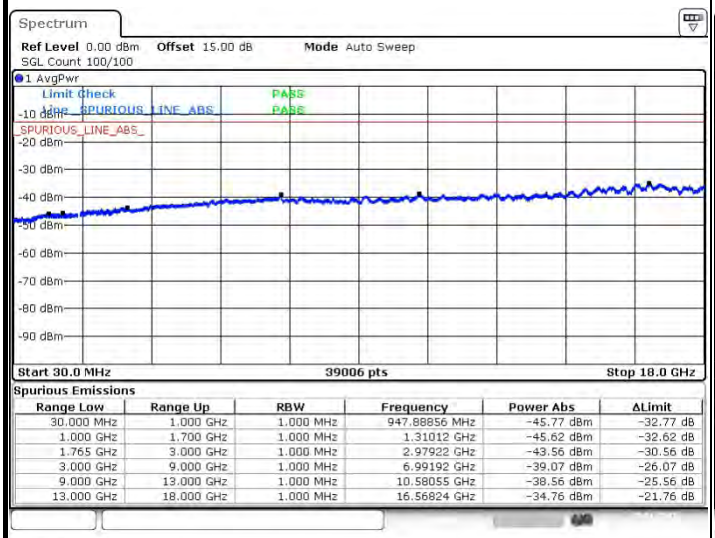


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-45.60 dBm	-32.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.88457 GHz	-43.60 dBm	-30.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-39.06 dBm	-26.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59505 GHz	-38.36 dBm	-25.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57991 GHz	-34.75 dBm	-21.75 dB

Date: 30.JAN.2015 11:19:09

Middle Channel / QPSK

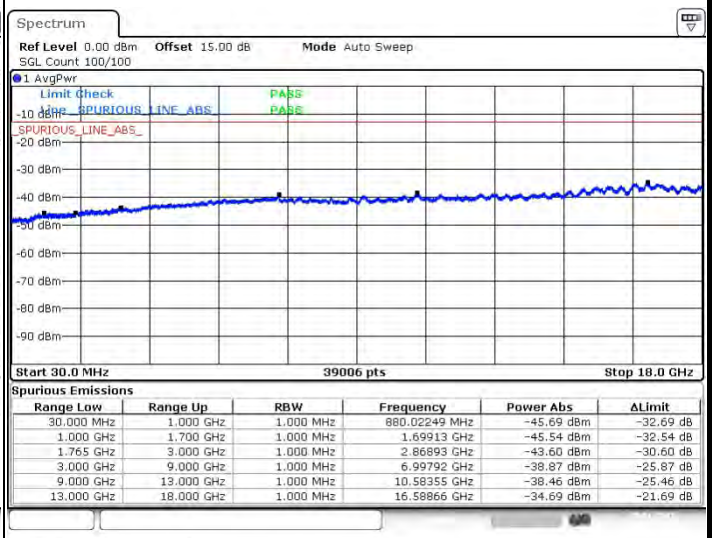


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-45.77 dBm	-32.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.31012 GHz	-45.62 dBm	-32.62 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97922 GHz	-43.56 dBm	-30.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-39.07 dBm	-26.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58055 GHz	-38.56 dBm	-25.56 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56824 GHz	-34.76 dBm	-21.76 dB

Date: 30.JAN.2015 11:21:15

Middle Channel / 16QAM



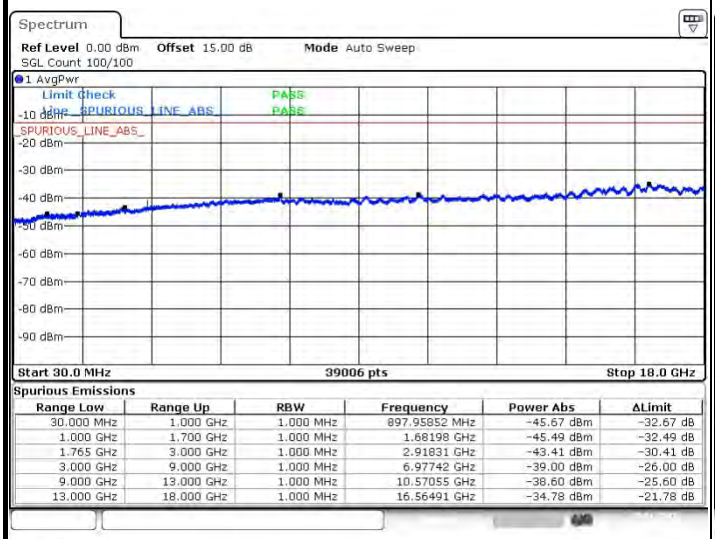
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-45.69 dBm	-32.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-45.54 dBm	-32.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86893 GHz	-43.60 dBm	-30.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-38.87 dBm	-25.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58355 GHz	-38.46 dBm	-25.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58866 GHz	-34.69 dBm	-21.69 dB

Date: 30.JAN.2015 11:22:36

LTE Band 4 / 5MHz

Highest Channel / QPSK

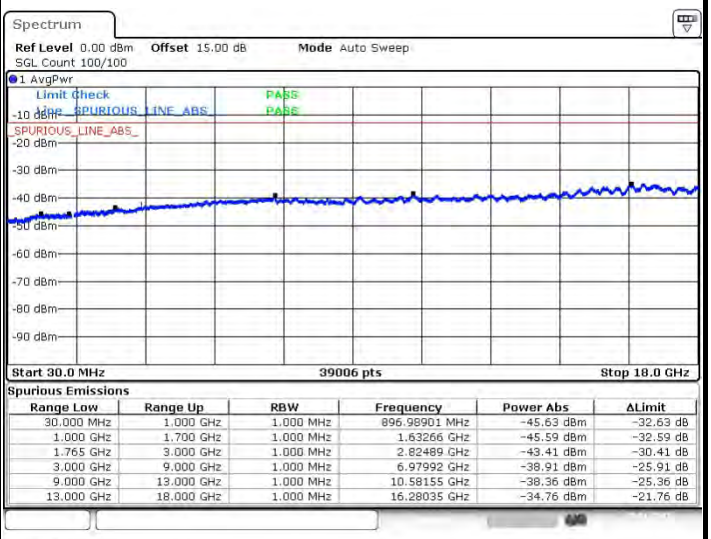


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-45.67 dBm	-32.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68198 GHz	-45.49 dBm	-32.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.91831 GHz	-43.41 dBm	-30.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97742 GHz	-39.00 dBm	-26.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57055 GHz	-38.60 dBm	-25.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56491 GHz	-34.78 dBm	-21.78 dB

Date: 30.JAN.2015 11:30:01

Highest Channel / 16QAM



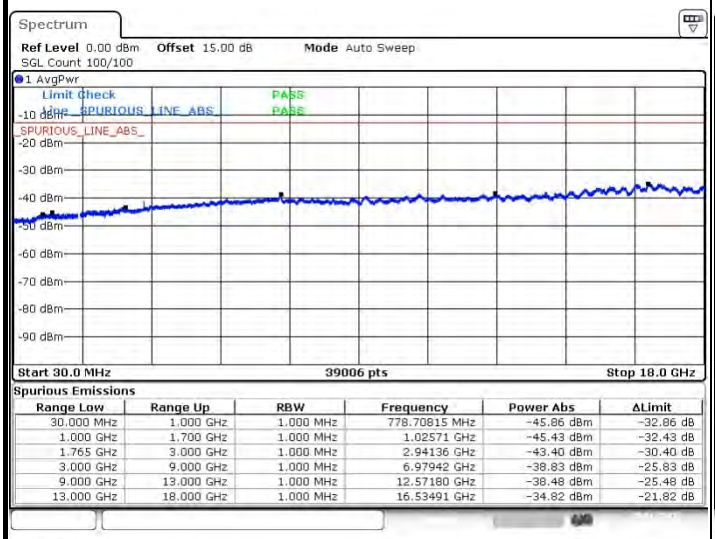
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-45.63 dBm	-32.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63266 GHz	-45.59 dBm	-32.59 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82489 GHz	-43.41 dBm	-30.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97992 GHz	-38.91 dBm	-25.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58155 GHz	-38.36 dBm	-25.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.28035 GHz	-34.76 dBm	-21.76 dB

Date: 30.JAN.2015 11:31:22

LTE Band 4 / 10MHz

Lowest Channel / QPSK

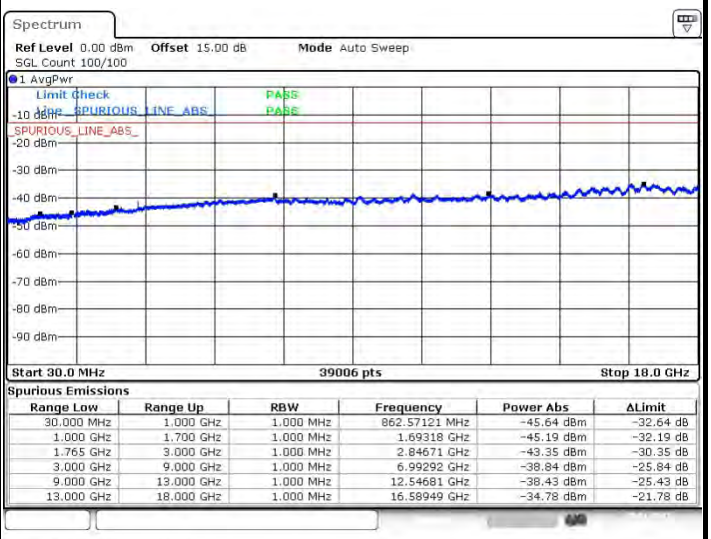


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	778.70815 MHz	-45.86 dBm	-32.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.02571 GHz	-45.43 dBm	-32.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94136 GHz	-43.40 dBm	-30.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97942 GHz	-38.83 dBm	-25.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.57180 GHz	-38.48 dBm	-25.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.53491 GHz	-34.82 dBm	-21.82 dB

Date: 30.JAN.2015 11:43:10

Lowest Channel / 16QAM



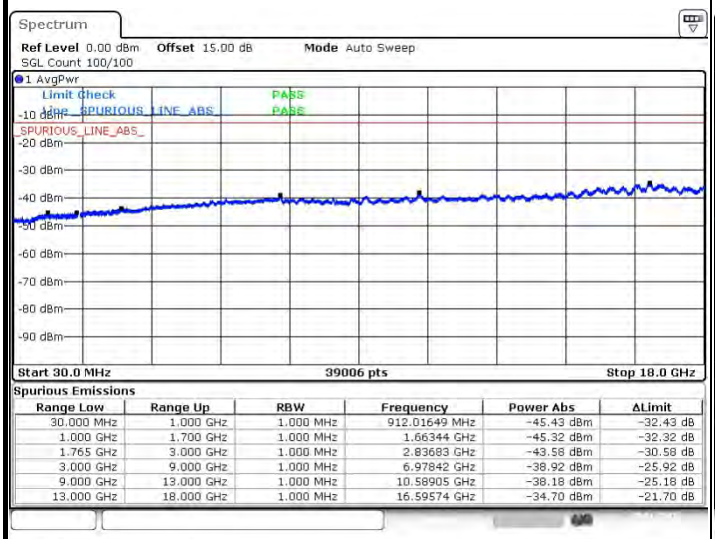
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-45.64 dBm	-32.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-45.19 dBm	-32.19 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84671 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99292 GHz	-38.84 dBm	-25.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.54681 GHz	-38.43 dBm	-25.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58949 GHz	-34.78 dBm	-21.78 dB

Date: 30.JAN.2015 11:44:30

LTE Band 4 / 10MHz

Middle Channel / QPSK

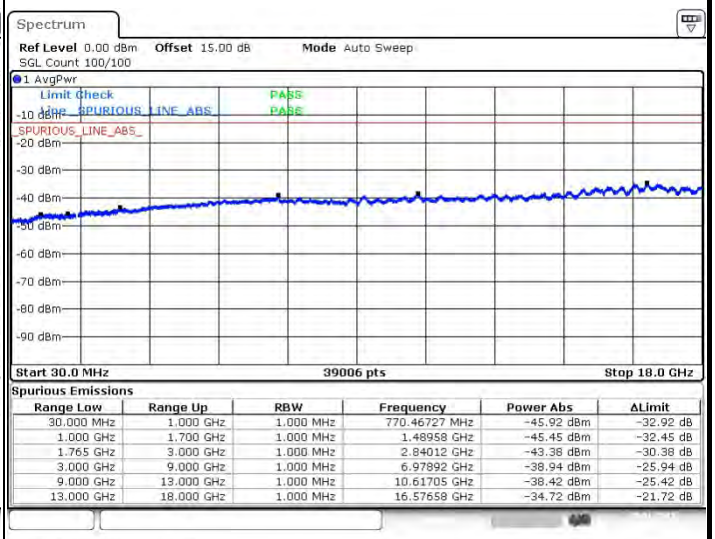


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-45.43 dBm	-32.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66344 GHz	-45.32 dBm	-32.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.83683 GHz	-43.58 dBm	-30.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97842 GHz	-38.92 dBm	-25.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58905 GHz	-38.18 dBm	-25.18 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59574 GHz	-34.70 dBm	-21.70 dB

Date: 30.JAN.2015 11:46:36

Middle Channel / 16QAM

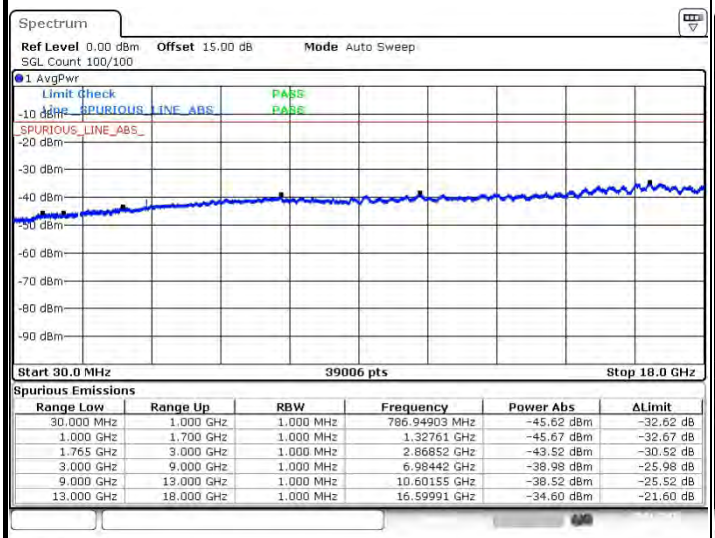


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	770.46727 MHz	-45.92 dBm	-32.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48958 GHz	-45.45 dBm	-32.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84012 GHz	-43.38 dBm	-30.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-38.94 dBm	-25.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.61705 GHz	-38.42 dBm	-25.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57658 GHz	-34.72 dBm	-21.72 dB

Date: 30.JAN.2015 11:47:57

Highest Channel / QPSK

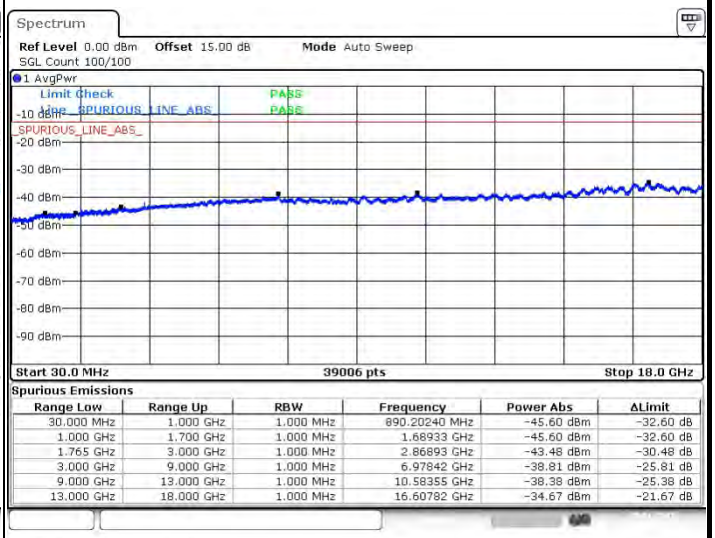


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	786.94903 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.32761 GHz	-45.67 dBm	-32.67 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86852 GHz	-43.52 dBm	-30.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98442 GHz	-38.98 dBm	-25.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60155 GHz	-38.52 dBm	-25.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59991 GHz	-34.60 dBm	-21.60 dB

Date: 30.JAN.2015 11:55:21

Highest Channel / 16QAM



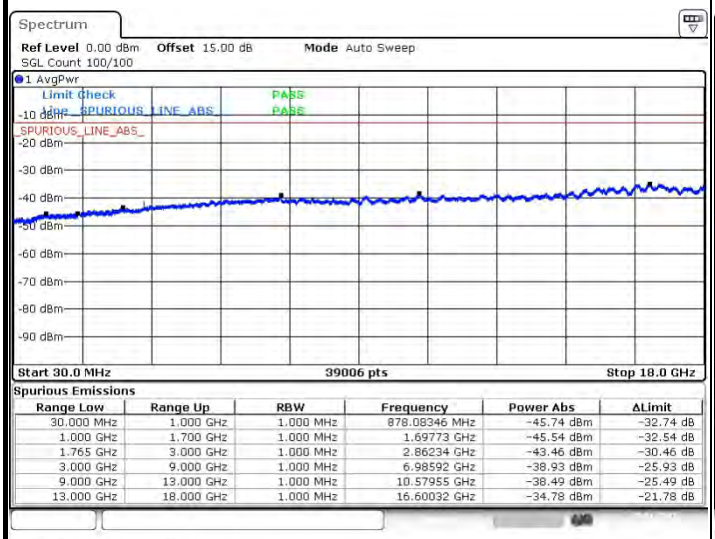
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-45.60 dBm	-32.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68933 GHz	-45.60 dBm	-32.60 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86893 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97842 GHz	-38.81 dBm	-25.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58355 GHz	-38.38 dBm	-25.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60782 GHz	-34.67 dBm	-21.67 dB

Date: 30.JAN.2015 11:56:42

LTE Band 4 / 15MHz

Lowest Channel / QPSK

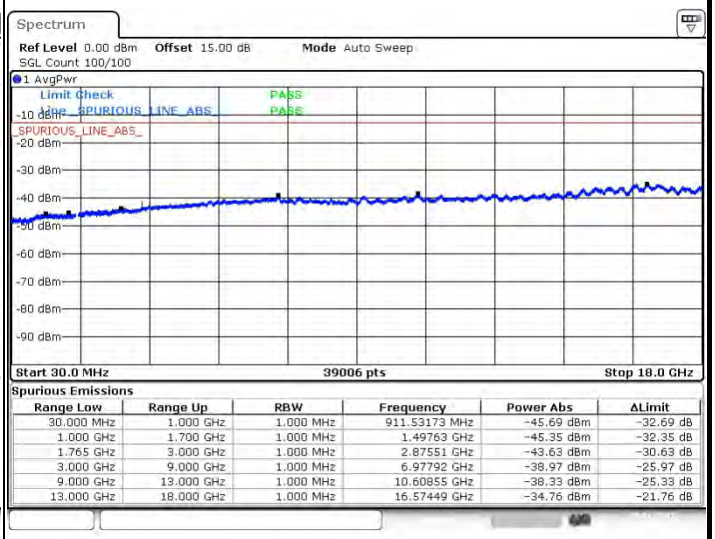


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-45.74 dBm	-32.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-45.54 dBm	-32.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86234 GHz	-43.46 dBm	-30.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98592 GHz	-38.93 dBm	-25.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.57955 GHz	-38.49 dBm	-25.49 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60032 GHz	-34.78 dBm	-21.78 dB

Date: 30.JAN.2015 12:04:53

Lowest Channel / 16QAM

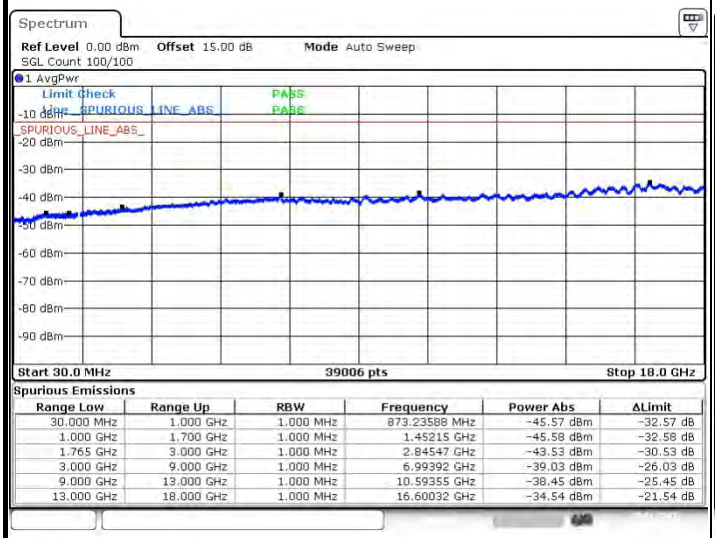


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-45.69 dBm	-32.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.49763 GHz	-45.35 dBm	-32.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87551 GHz	-43.63 dBm	-30.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97792 GHz	-38.97 dBm	-25.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60855 GHz	-38.33 dBm	-25.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57449 GHz	-34.76 dBm	-21.76 dB

Date: 30.JAN.2015 12:06:14

Middle Channel / QPSK

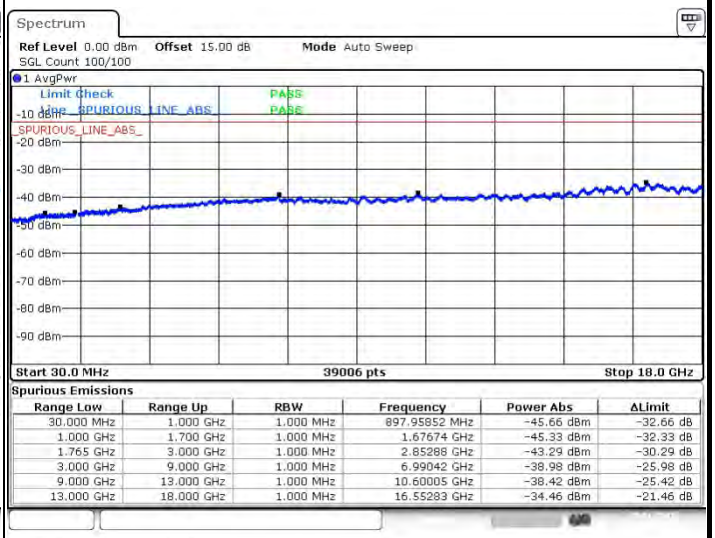


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.23588 MHz	-45.57 dBm	-32.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.45215 GHz	-45.58 dBm	-32.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84547 GHz	-43.53 dBm	-30.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-39.03 dBm	-26.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59355 GHz	-38.45 dBm	-25.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60032 GHz	-34.54 dBm	-21.54 dB

Date: 30.JAN.2015 12:08:20

Middle Channel / 16QAM



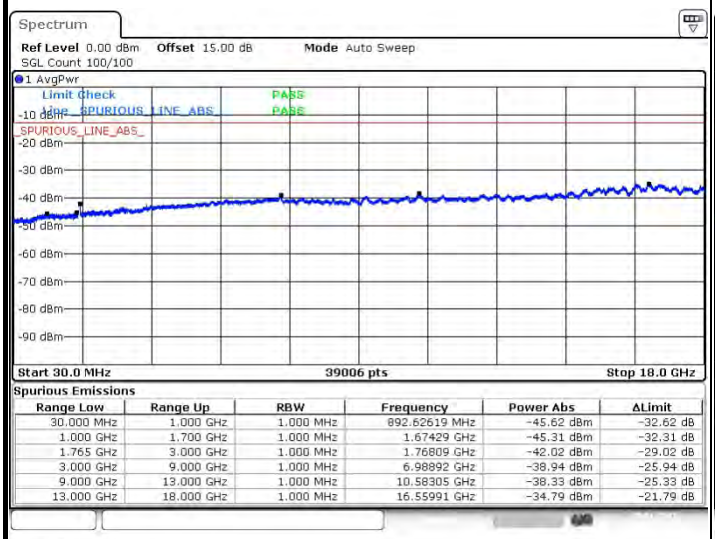
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67674 GHz	-45.33 dBm	-32.33 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85288 GHz	-43.29 dBm	-30.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-38.98 dBm	-25.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60005 GHz	-38.42 dBm	-25.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55283 GHz	-34.46 dBm	-21.46 dB

Date: 30.JAN.2015 12:09:40

LTE Band 4 / 15MHz

Highest Channel / QPSK

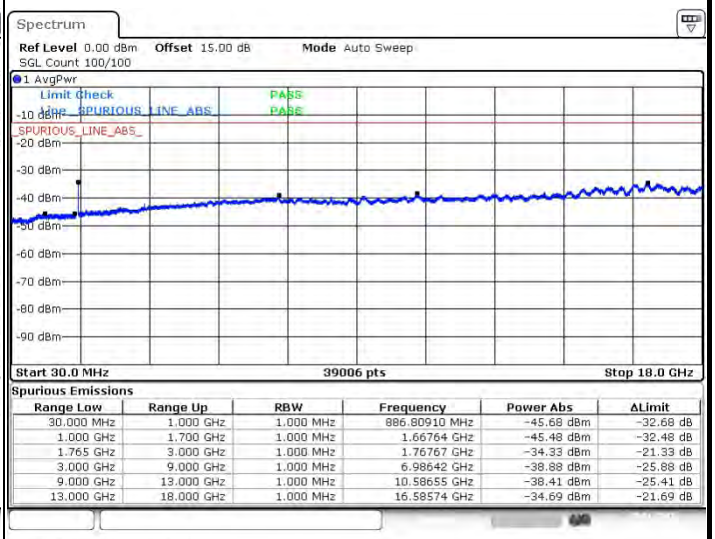


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67429 GHz	-45.31 dBm	-32.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76809 GHz	-42.02 dBm	-29.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-38.94 dBm	-25.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58305 GHz	-38.33 dBm	-25.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55991 GHz	-34.79 dBm	-21.79 dB

Date: 30.JAN.2015 12:17:12

Highest Channel / 16QAM



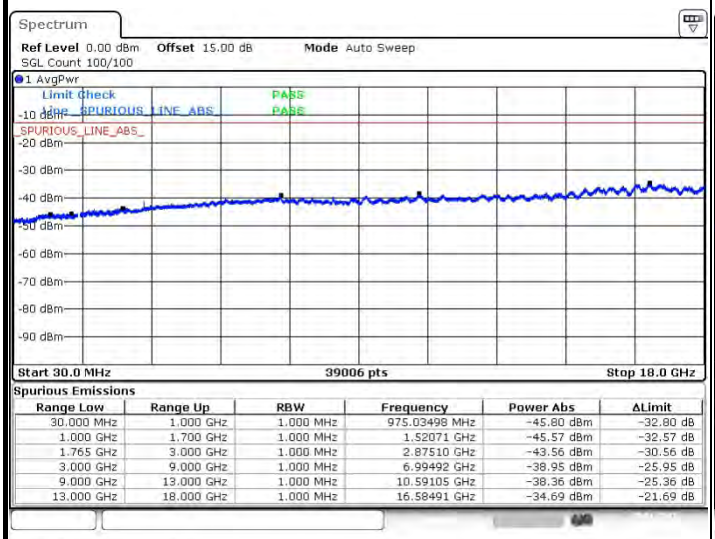
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-45.68 dBm	-32.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66764 GHz	-45.48 dBm	-32.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-34.33 dBm	-21.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-38.88 dBm	-25.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58655 GHz	-38.41 dBm	-25.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58574 GHz	-34.69 dBm	-21.69 dB

Date: 30.JAN.2015 12:18:34

LTE Band 4 / 20MHz

Lowest Channel / QPSK

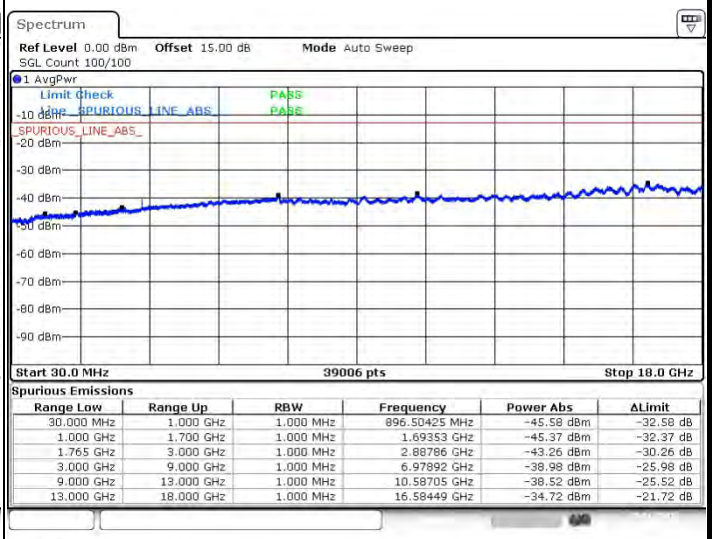


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-45.80 dBm	-32.80 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.52071 GHz	-45.57 dBm	-32.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87510 GHz	-43.56 dBm	-30.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-38.95 dBm	-25.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59105 GHz	-38.36 dBm	-25.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58491 GHz	-34.69 dBm	-21.69 dB

Date: 30.JAN.2015 13:40:01

Lowest Channel / 16QAM



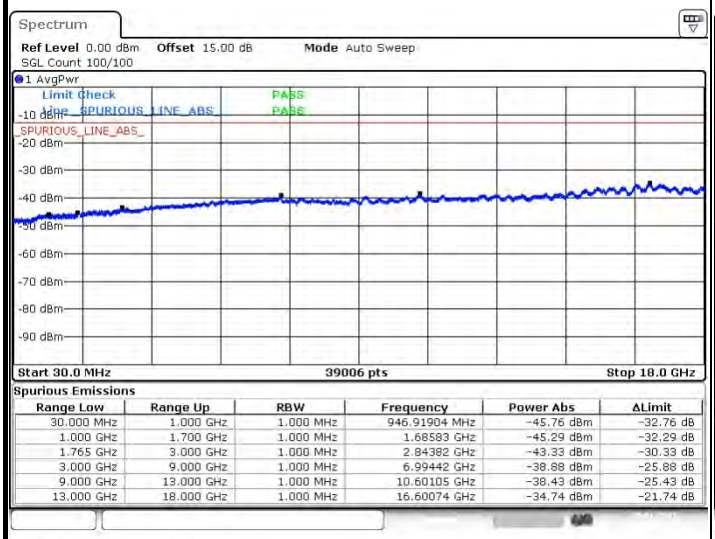
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.37 dBm	-32.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.88786 GHz	-43.26 dBm	-30.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97892 GHz	-38.98 dBm	-25.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58705 GHz	-38.52 dBm	-25.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58449 GHz	-34.72 dBm	-21.72 dB

Date: 30.JAN.2015 13:41:21

LTE Band 4 / 20MHz

Middle Channel / QPSK

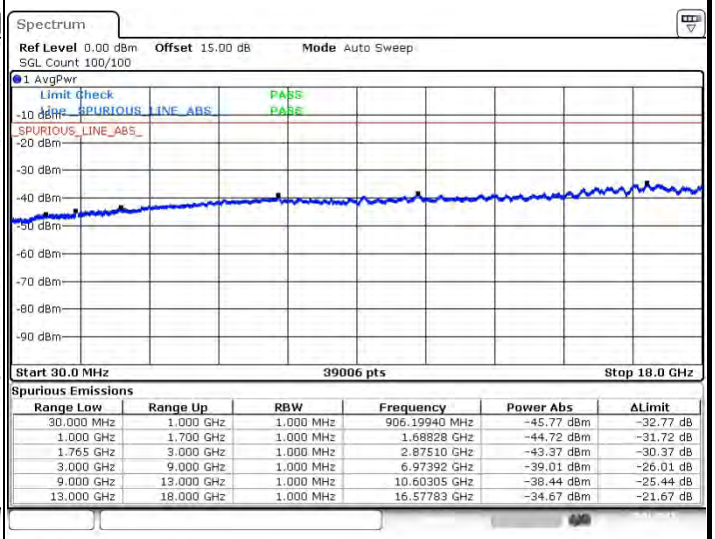


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-45.76 dBm	-32.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.84382 GHz	-43.33 dBm	-30.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-38.88 dBm	-25.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60105 GHz	-38.43 dBm	-25.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.60074 GHz	-34.74 dBm	-21.74 dB

Date: 30.JAN.2015 13:43:27

Middle Channel / 16QAM

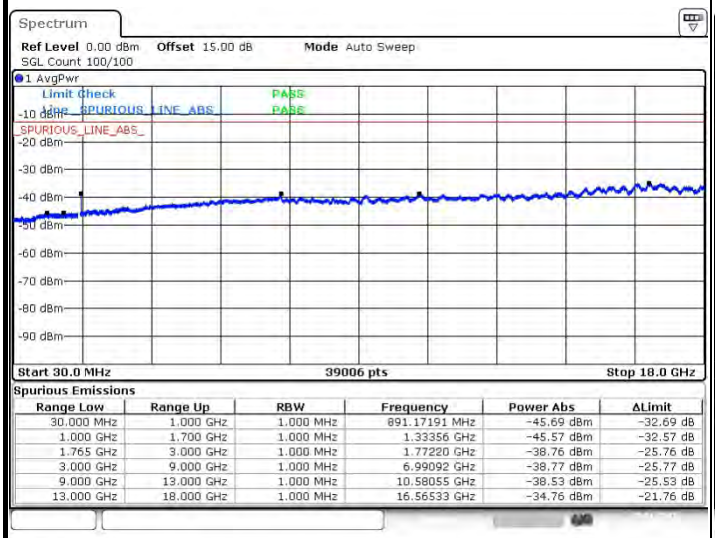


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-45.77 dBm	-32.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-44.72 dBm	-31.72 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.87510 GHz	-43.37 dBm	-30.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97392 GHz	-39.01 dBm	-26.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60305 GHz	-38.44 dBm	-25.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.57783 GHz	-34.67 dBm	-21.67 dB

Date: 30.JAN.2015 13:44:47

Highest Channel / QPSK

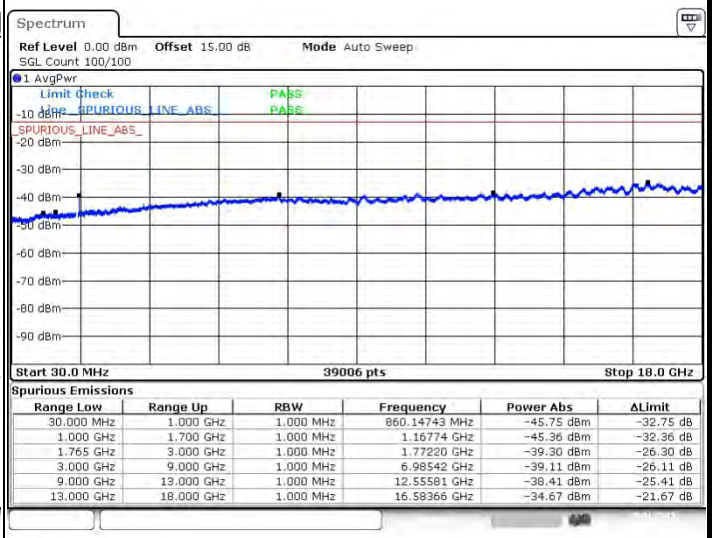


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-45.69 dBm	-32.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.33356 GHz	-45.57 dBm	-32.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-38.76 dBm	-25.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-38.77 dBm	-25.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58055 GHz	-38.53 dBm	-25.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56533 GHz	-34.76 dBm	-21.76 dB

Date: 30.JAN.2015 13:52:11

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.14743 MHz	-45.75 dBm	-32.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.16774 GHz	-45.36 dBm	-32.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-39.30 dBm	-26.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-39.11 dBm	-26.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.55581 GHz	-38.41 dBm	-25.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58366 GHz	-34.67 dBm	-21.67 dB

Date: 30.JAN.2015 13:53:32

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	0.0016	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.65V.；Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

LTE Band 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	20.51	20.48	20.50
5	1	12		20.50	20.46	20.54
5	1	24		20.50	20.73	20.66
5	12	0		19.60	19.65	19.62
5	12	6		19.53	19.76	19.80
5	12	11		19.59	19.76	19.83
5	25	0		19.57	19.67	19.67
5	1	0	16-QAM	19.17	19.31	19.62
5	1	12		19.12	19.38	19.65
5	1	24		19.14	19.41	19.68
5	12	0		18.70	18.79	18.77
5	12	6		18.73	18.80	18.86
5	12	11		18.71	18.69	18.67
5	25	0		18.65	18.68	18.75
10	1	0	QPSK	20.48	20.55	20.40
10	1	24		20.46	20.46	20.53
10	1	49		20.43	20.64	20.65
10	25	0		19.66	19.47	19.55
10	25	12		19.57	19.66	19.70
10	25	24		19.38	19.64	19.66
10	50	0		19.40	19.76	19.67
10	1	0	16-QAM	19.45	19.40	19.27
10	1	24		19.33	19.45	19.53
10	1	49		19.30	19.75	19.62
10	25	0		18.45	18.58	18.69
10	25	12		18.66	18.78	18.67
10	25	24		18.47	18.60	18.72
10	50	0		18.25	18.60	18.60

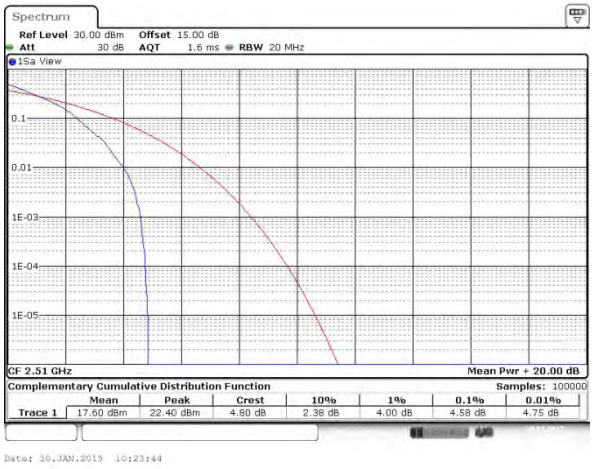
LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	20.52	20.52	20.49
15	1	37		20.51	20.64	20.63
15	1	74		20.36	20.61	20.60
15	36	0		19.59	19.50	19.59
15	36	18		19.47	19.78	19.64
15	36	37		19.48	19.77	19.78
15	75	0		19.58	19.65	19.67
15	1	0	16-QAM	19.91	19.52	19.91
15	1	37		19.69	19.86	19.93
15	1	74		19.75	19.78	19.75
15	36	0		18.74	18.59	18.63
15	36	18		18.56	18.77	18.63
15	36	37		18.44	18.76	18.72
15	75	0		18.44	18.50	18.74
20	1	0	QPSK	20.52	20.54	20.47
20	1	49		20.48	20.65	20.43
20	1	99		20.54	**20.77**	20.68
20	50	0		19.48	19.56	19.53
20	50	24		19.50	19.67	19.62
20	50	49		19.46	19.54	19.51
20	100	0		19.49	19.68	19.60
20	1	0	16-QAM	19.47	19.76	19.91
20	1	49		19.32	19.90	19.92
20	1	99		19.95	19.91	19.93
20	50	0		18.61	18.59	18.93
20	50	24		18.43	18.79	18.74
20	50	49		18.57	18.59	18.76
20	100	0		18.57	18.59	18.70

Peak-to-Average Ratio

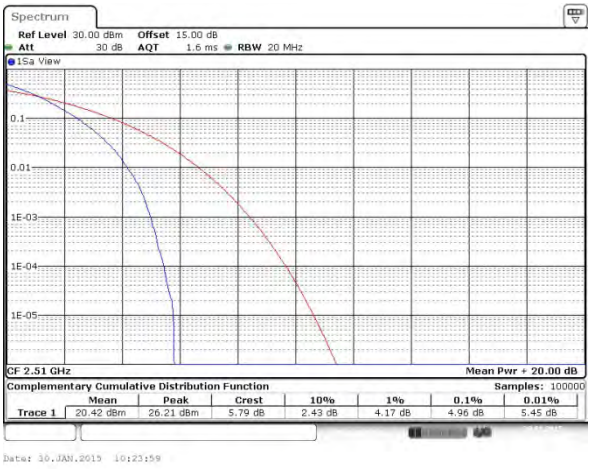
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	4.58	4.96	5.83	6.14	PASS
Middle CH	5.3	5.22	6.03	6.14	
Highest CH	5.45	5.07	6.09	6.06	

LTE Band 7 / 20MHz / QPSK

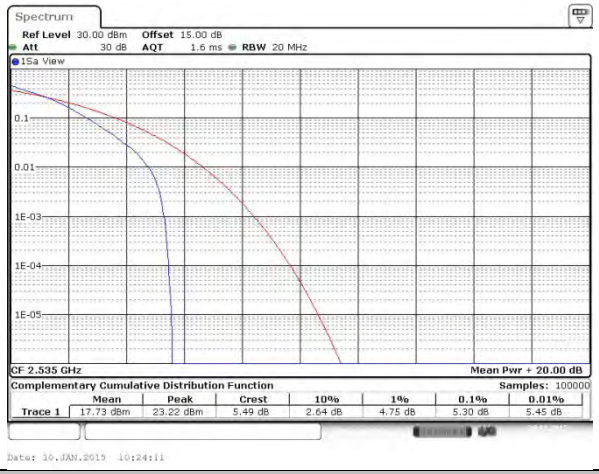
Lowest Channel / 1RB



Lowest Channel / Full RB

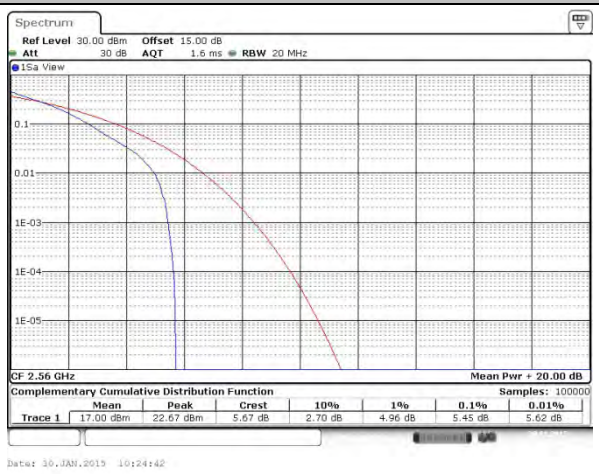


Middle Channel / 1RB



Middle Channel / Full RB

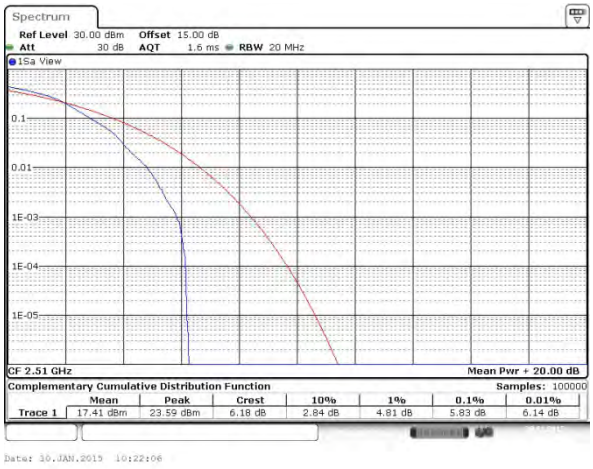
Highest Channel / 1RB



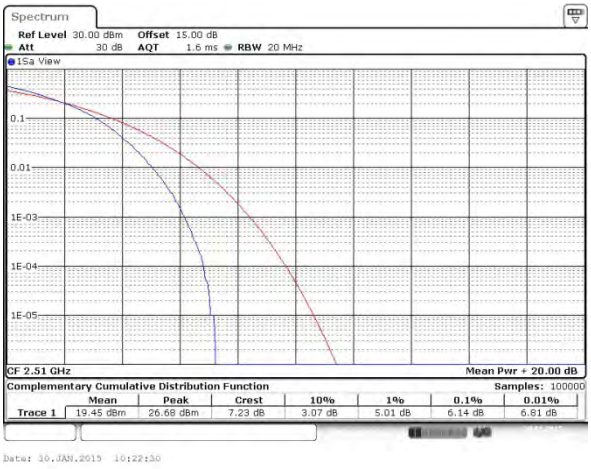
Highest Channel / Full RB

LTE Band 7 / 20MHz / 16QAM

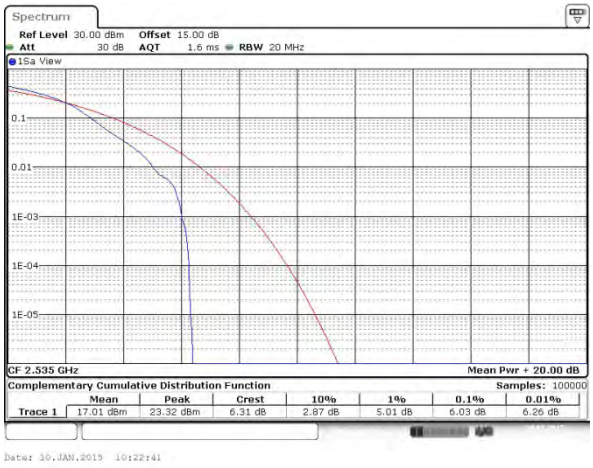
Lowest Channel / 1RB



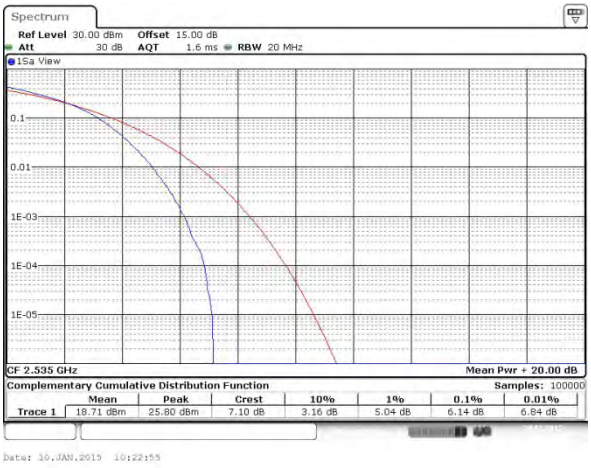
Lowest Channel / Full RB



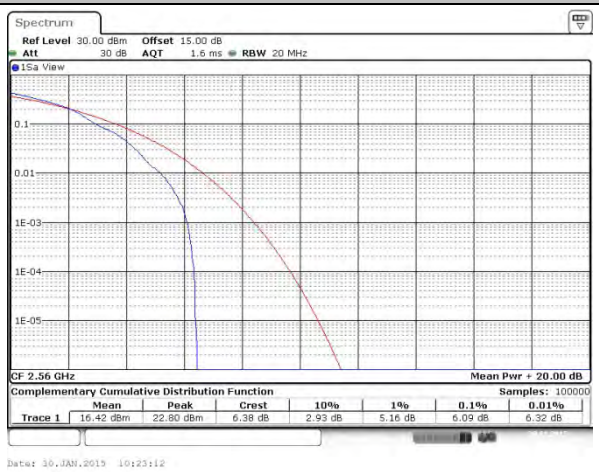
Middle Channel / 1RB



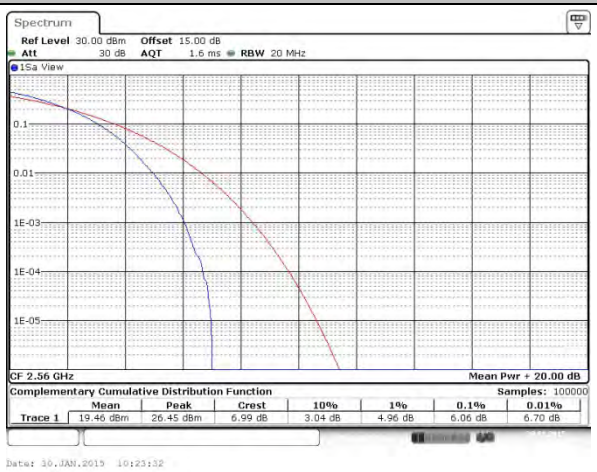
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

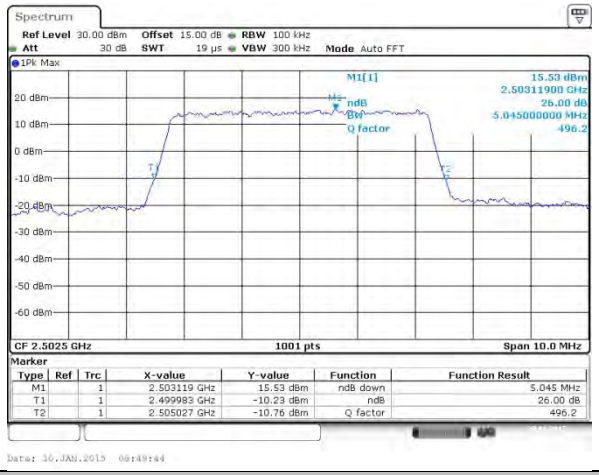


26dB Bandwidth

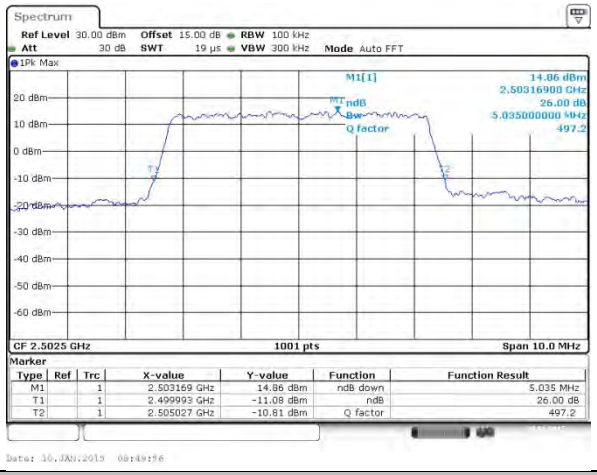
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.05	5.04	9.99	9.95	14.63	14.63	20.42	20.30
Middle CH	-	-	-	-	5.04	5.04	9.95	9.99	14.60	14.66	20.22	20.46
Highest CH	-	-	-	-	5.02	5.03	9.97	10.01	14.63	14.63	20.26	20.26

LTE Band 7

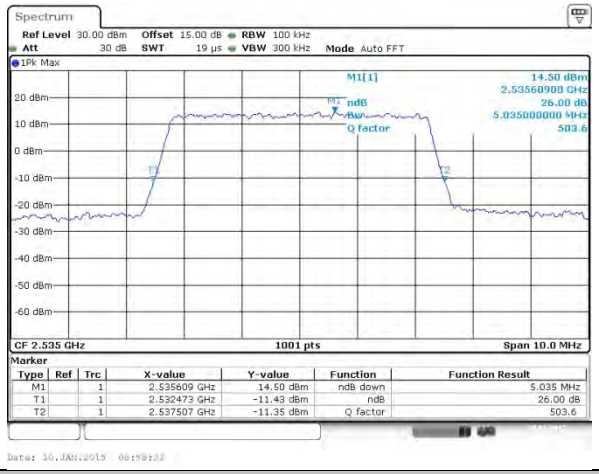
Lowest Channel / 5MHz / QPSK



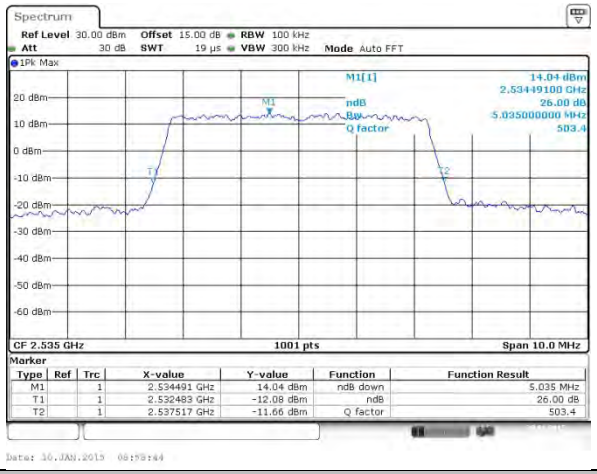
Lowest Channel / 5MHz / 16QAM



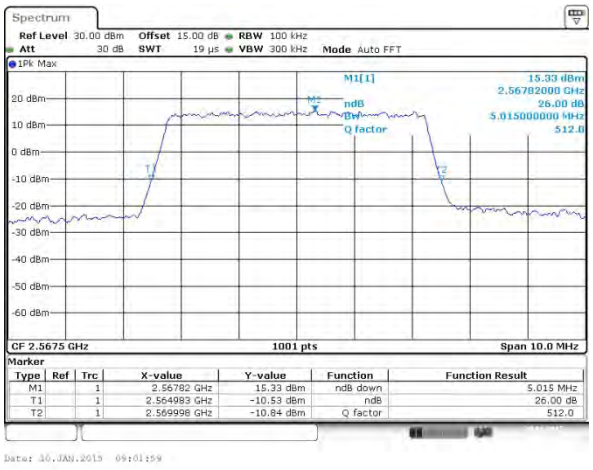
Middle Channel / 5MHz / QPSK



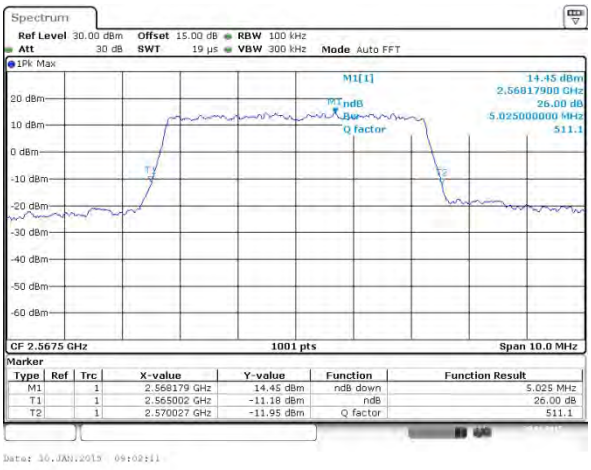
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

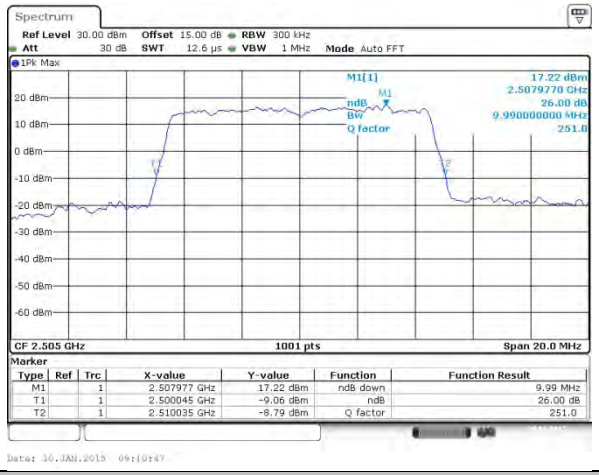


Highest Channel / 5MHz / 16QAM

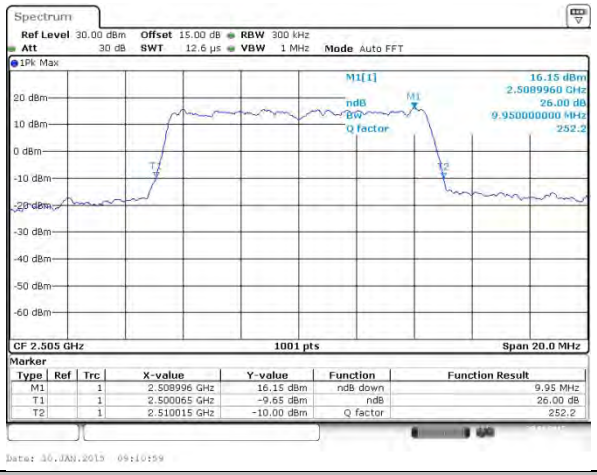


LTE Band 7

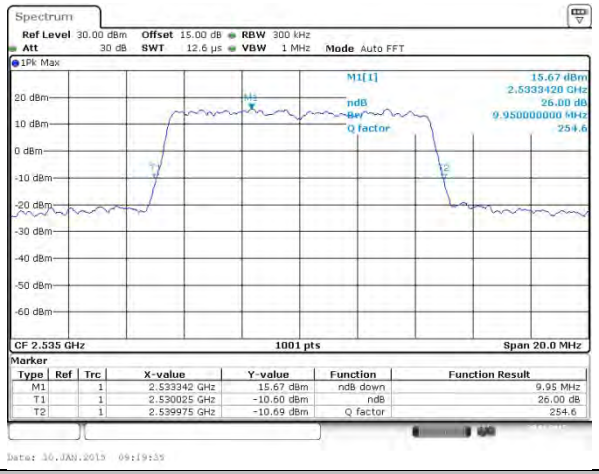
Lowest Channel / 10MHz / QPSK



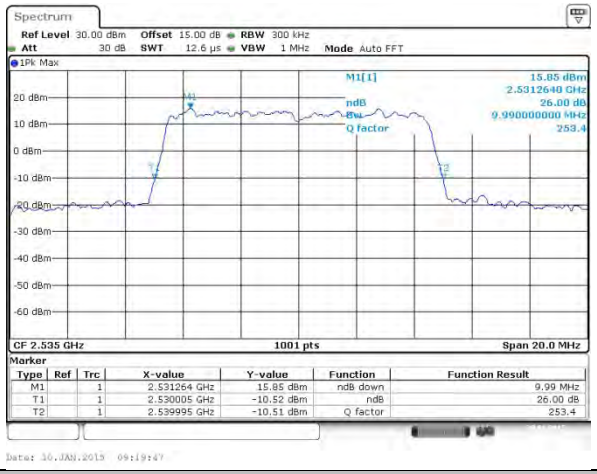
Lowest Channel / 10MHz / 16QAM



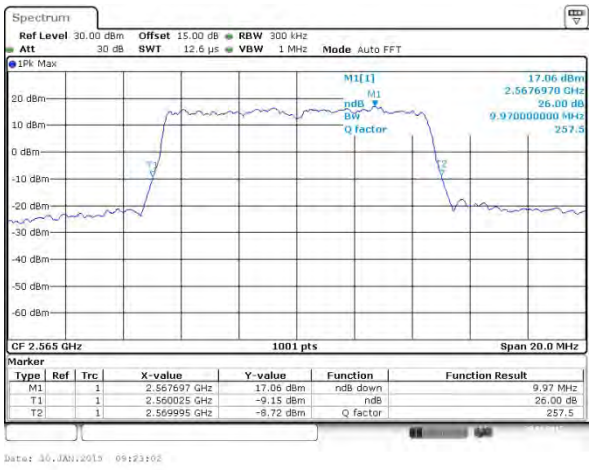
Middle Channel / 10MHz / QPSK



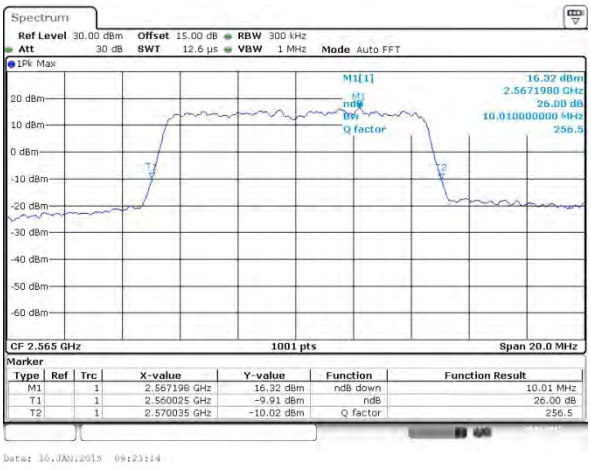
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

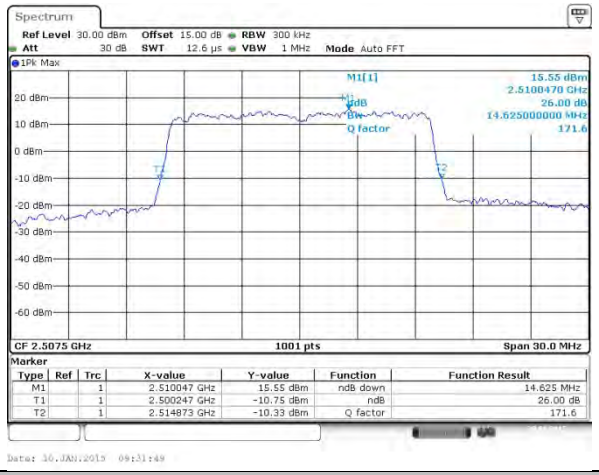


Highest Channel / 10MHz / 16QAM

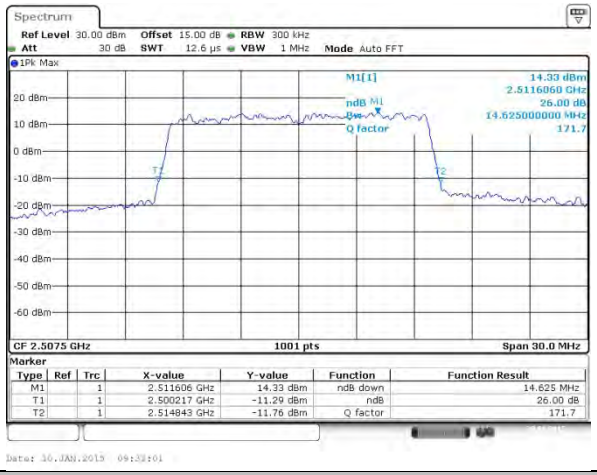


LTE Band 7

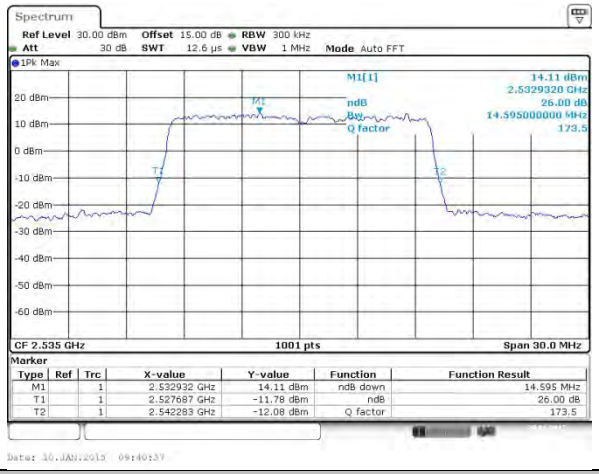
Lowest Channel / 15MHz / QPSK



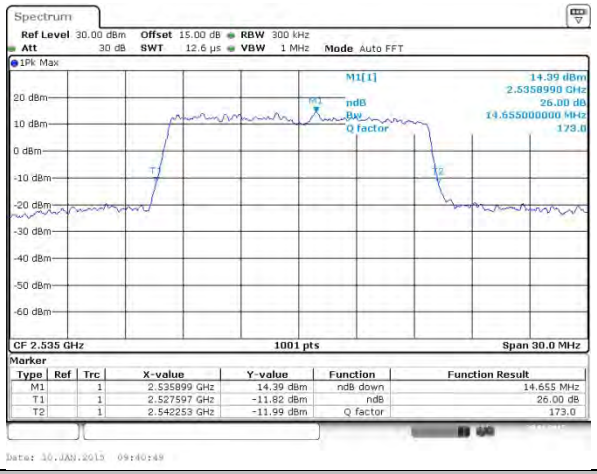
Lowest Channel / 15MHz / 16QAM



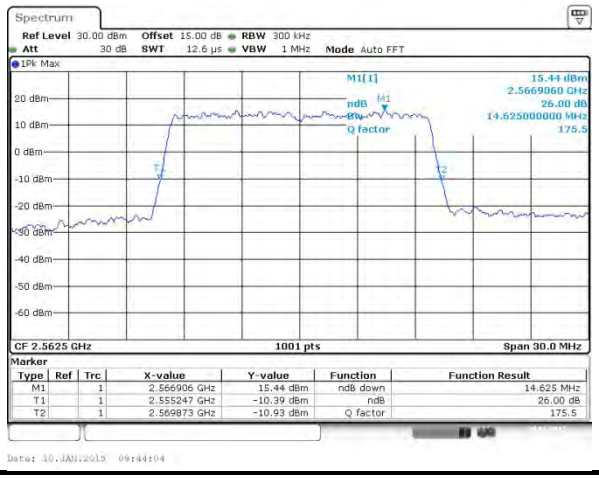
Middle Channel / 15MHz / QPSK



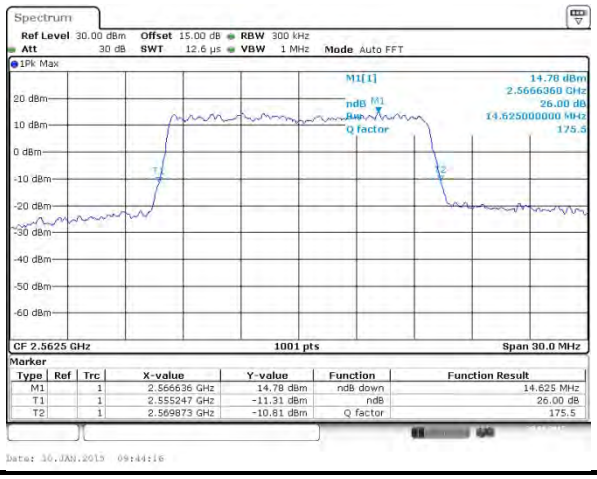
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

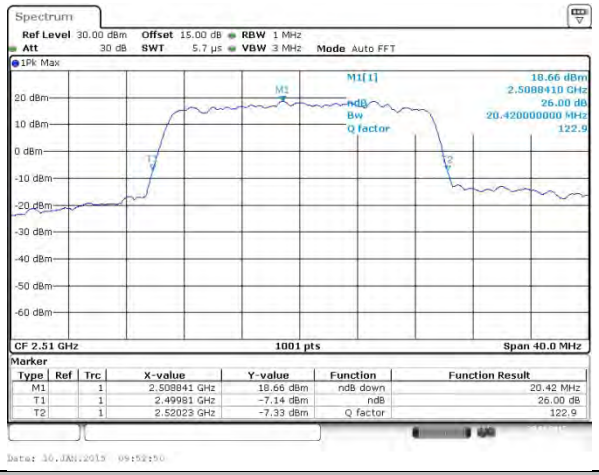


Highest Channel / 15MHz / 16QAM

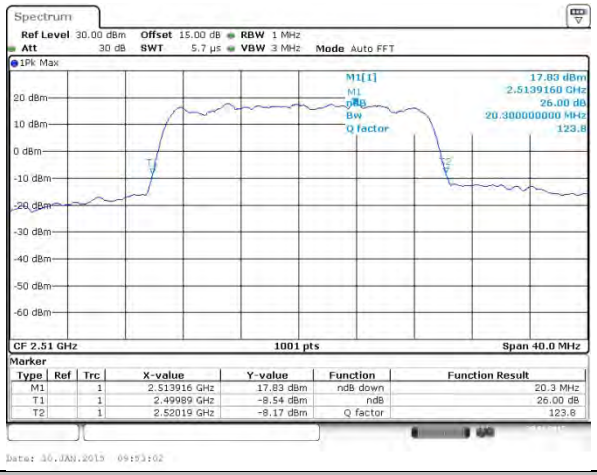


LTE Band 7

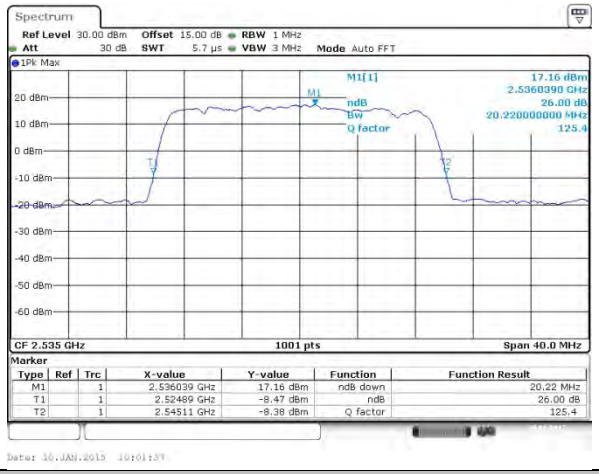
Lowest Channel / 20MHz / QPSK



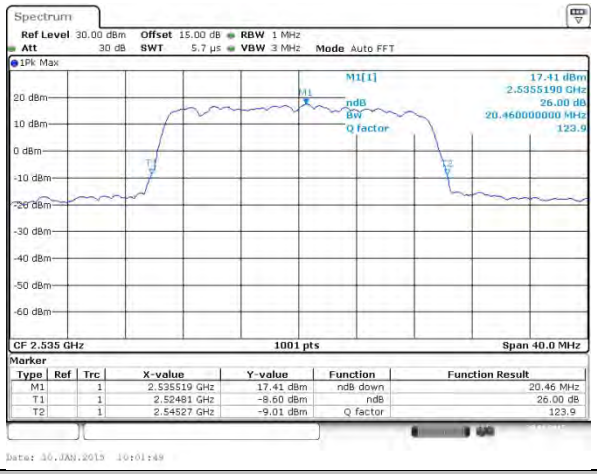
Lowest Channel / 20MHz / 16QAM



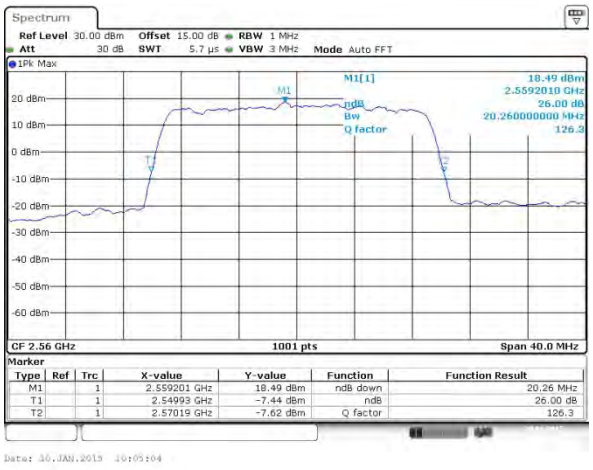
Middle Channel / 20MHz / QPSK



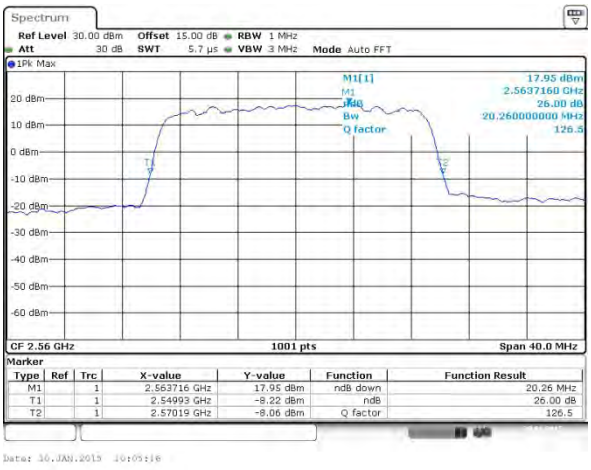
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

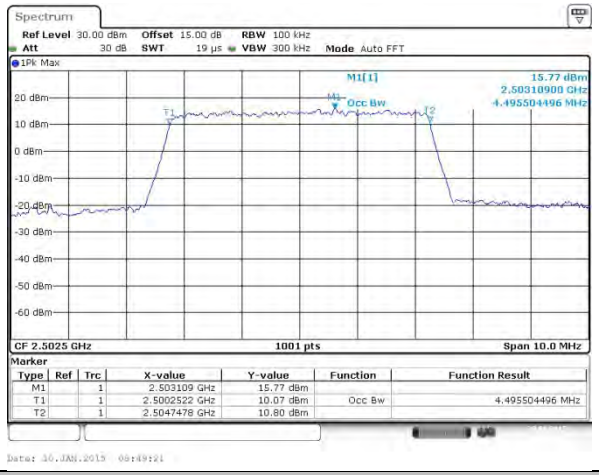


Occupied Bandwidth

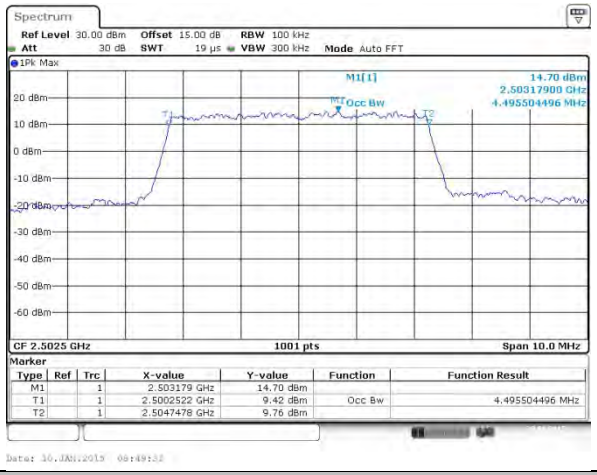
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.50	9.07	9.03	13.43	13.46	18.46	18.34
Middle CH	-	-	-	-	4.51	4.50	9.09	9.01	13.49	13.43	18.42	18.42
Highest CH	-	-	-	-	4.51	4.50	9.05	9.03	13.43	13.46	18.26	18.34

LTE Band 7

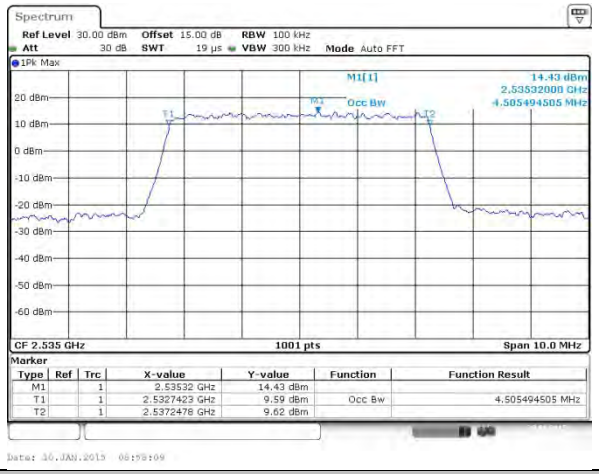
Lowest Channel / 5MHz / QPSK



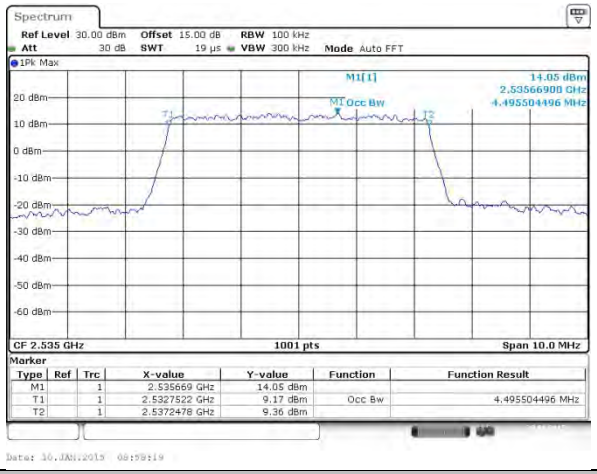
Lowest Channel / 5MHz / 16QAM



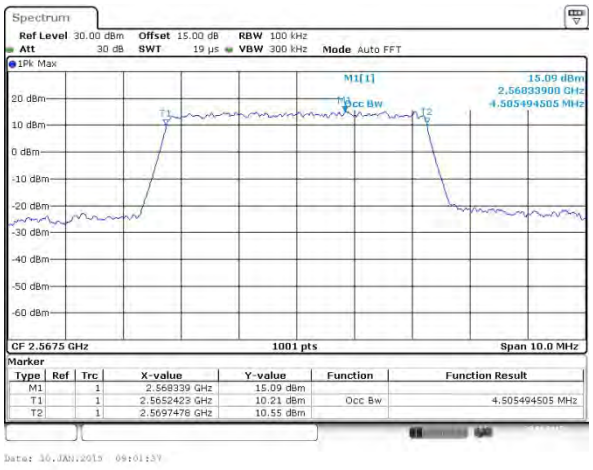
Middle Channel / 5MHz / QPSK



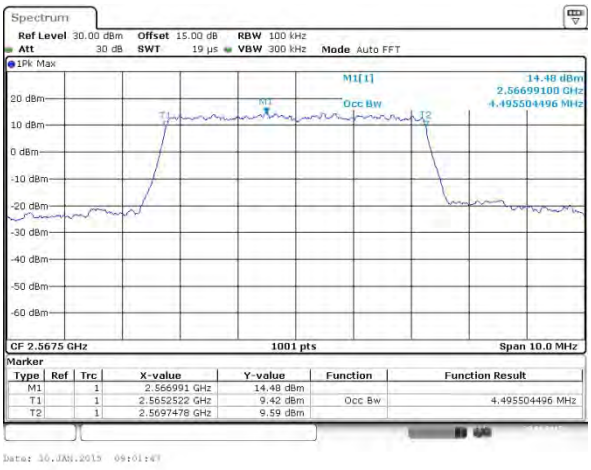
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

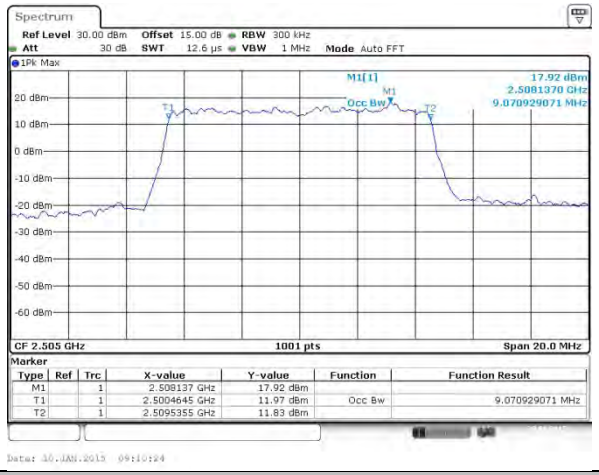


Highest Channel / 5MHz / 16QAM

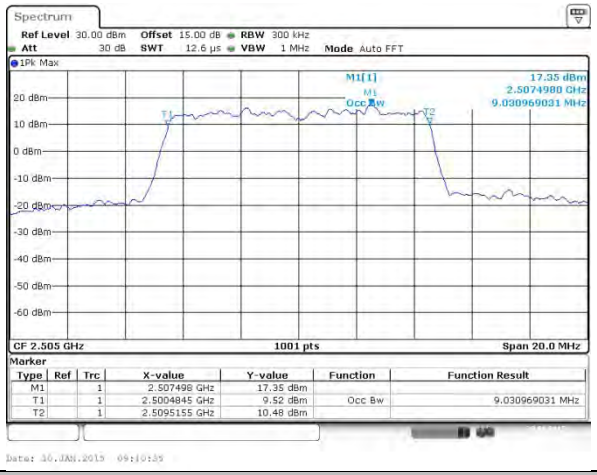


LTE Band 7

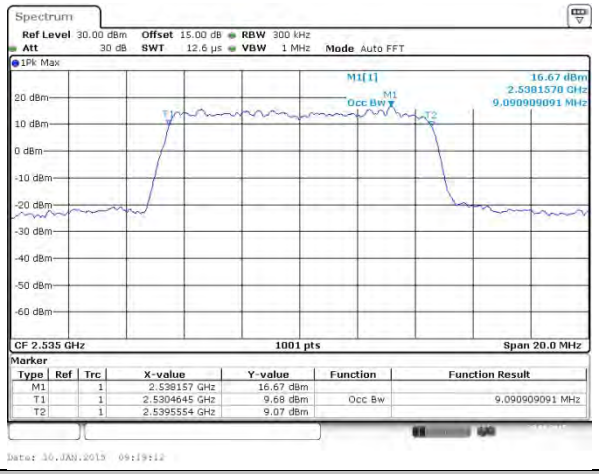
Lowest Channel / 10MHz / QPSK



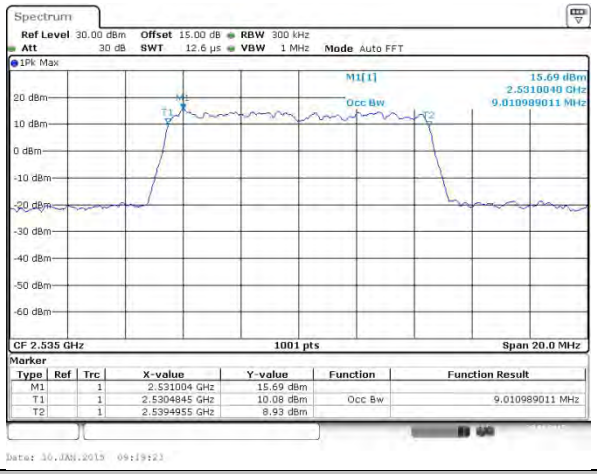
Lowest Channel / 10MHz / 16QAM



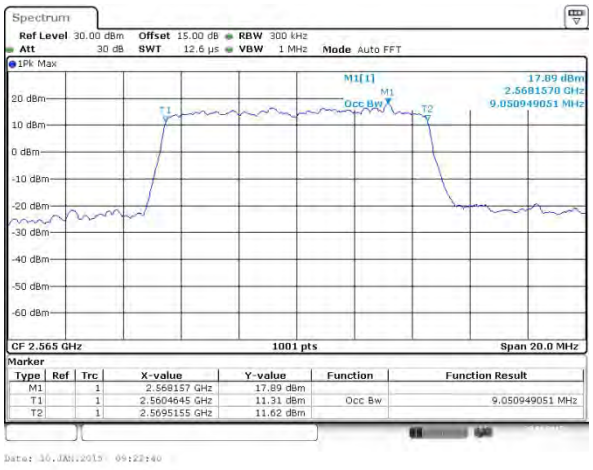
Middle Channel / 10MHz / QPSK



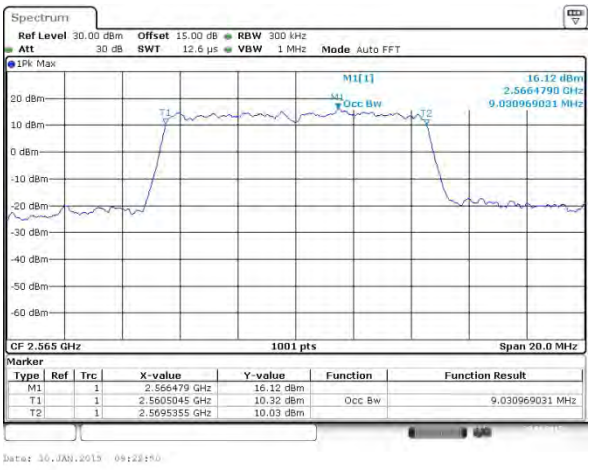
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

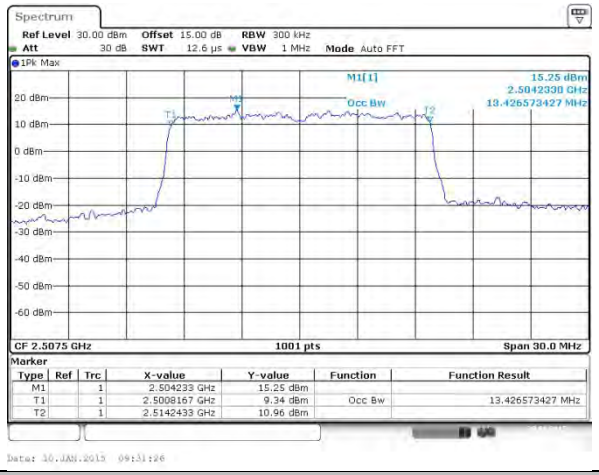


Highest Channel / 10MHz / 16QAM

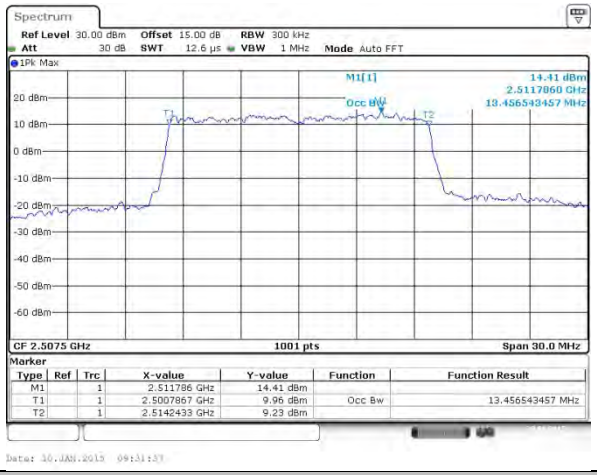


LTE Band 7

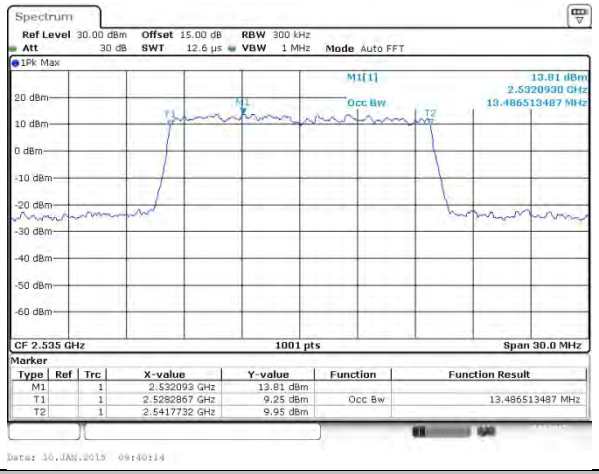
Lowest Channel / 15MHz / QPSK



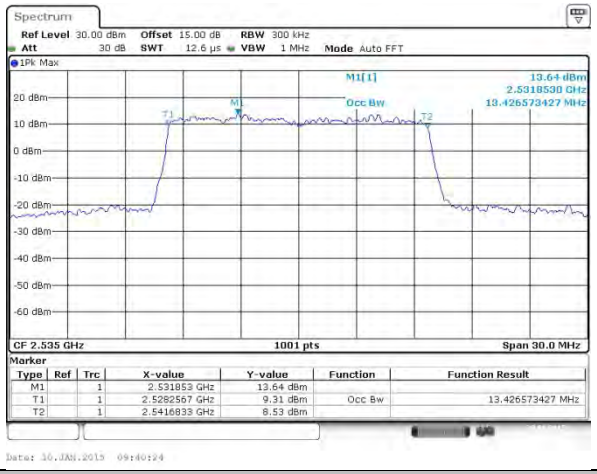
Lowest Channel / 15MHz / 16QAM



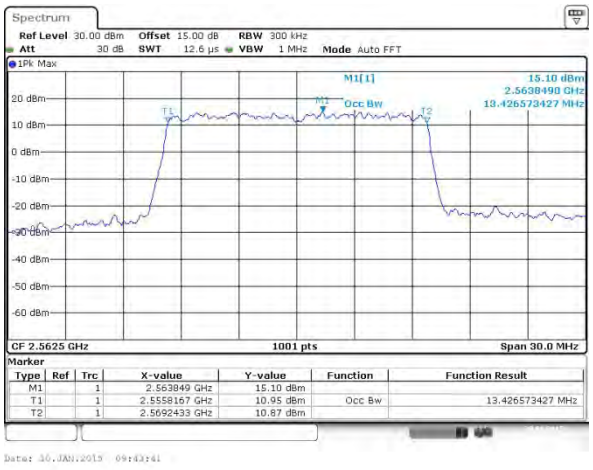
Middle Channel / 15MHz / QPSK



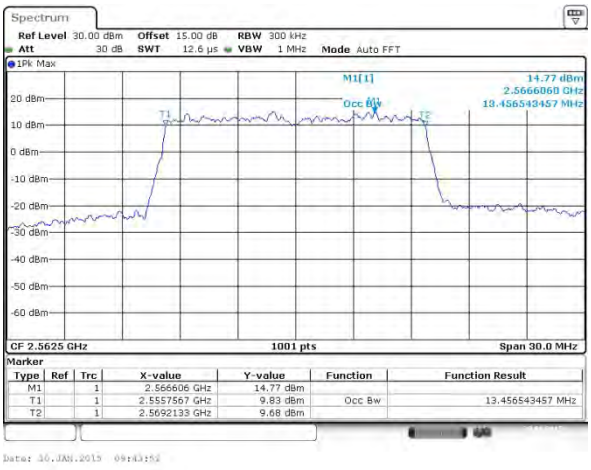
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

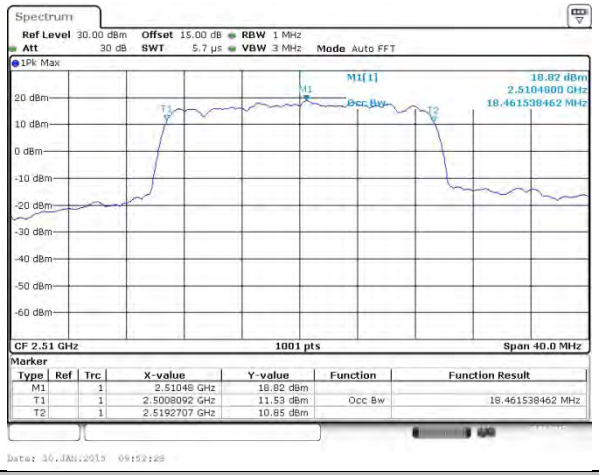


Highest Channel / 15MHz / 16QAM

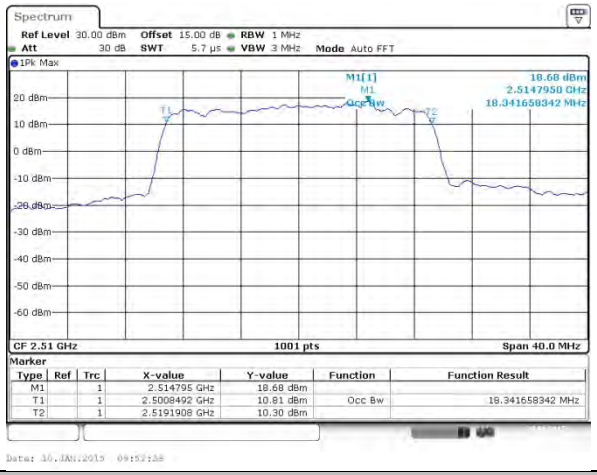


LTE Band 7

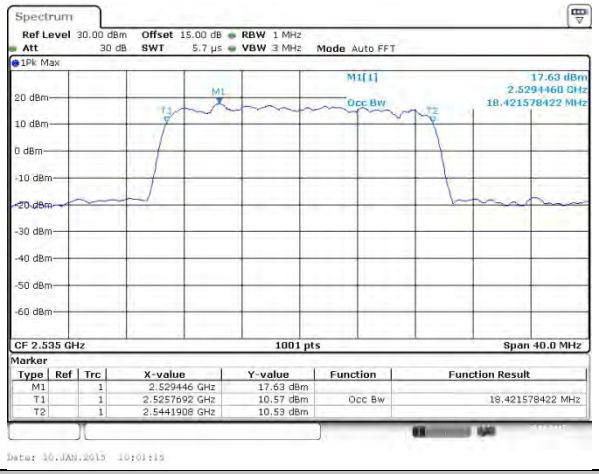
Lowest Channel / 20MHz / QPSK



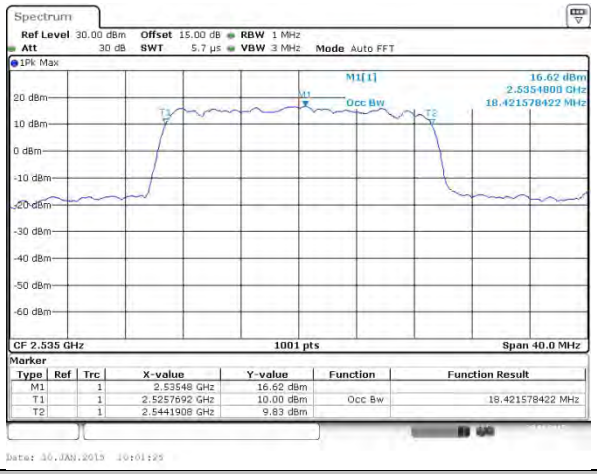
Lowest Channel / 20MHz / 16QAM



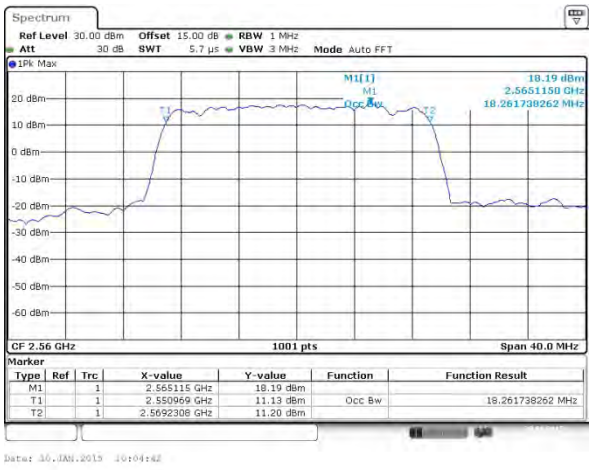
Middle Channel / 20MHz / QPSK



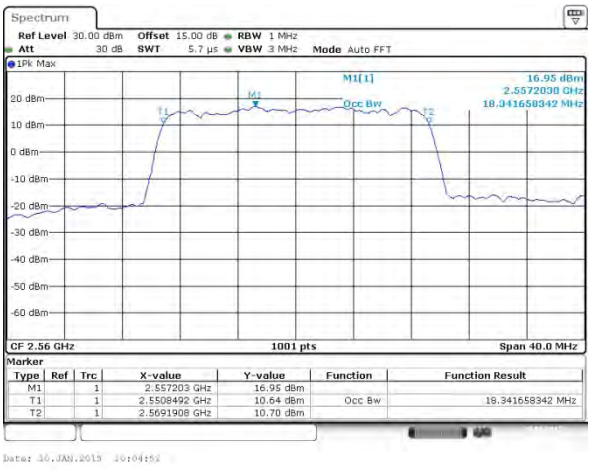
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



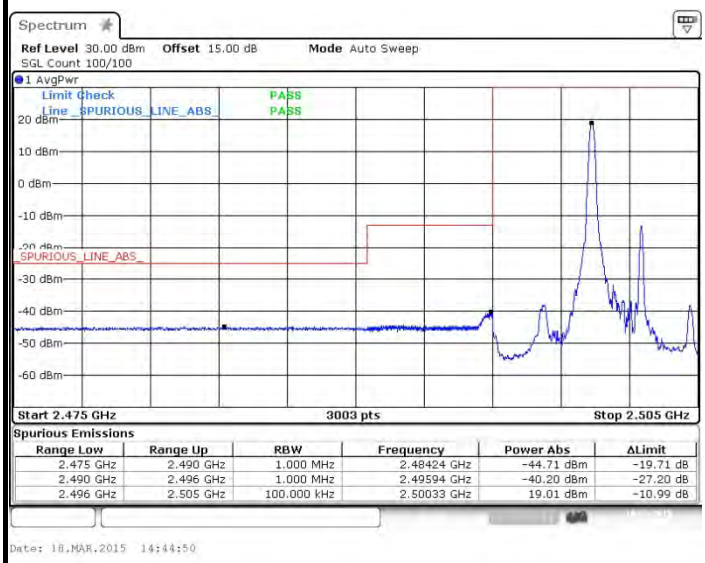
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

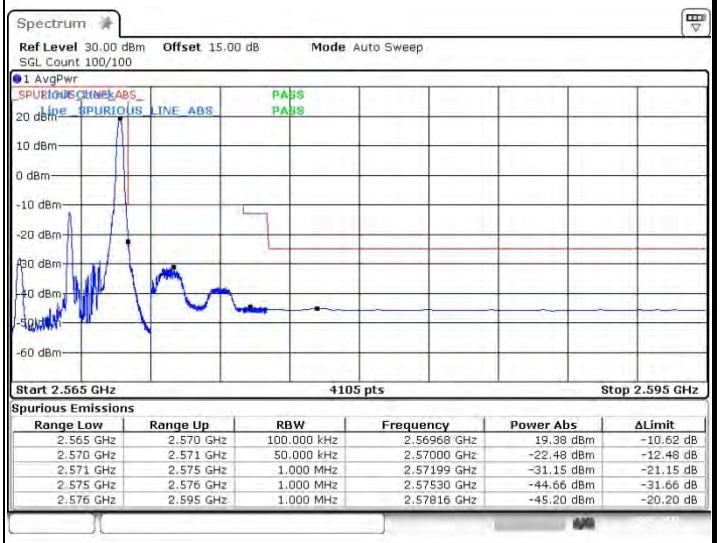


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48424 GHz	-44.71 dBm	-19.71 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-40.20 dBm	-27.20 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	19.01 dBm	-10.99 dB

Date: 18.MAR.2015 14:44:50

Highest Band Edge / 1 RB

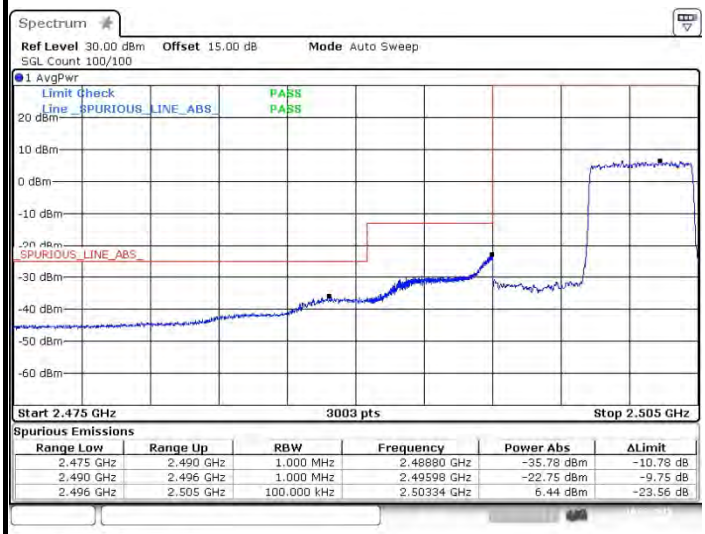


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	19.38 dBm	-10.62 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-22.48 dBm	-12.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57199 GHz	-31.15 dBm	-21.15 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57530 GHz	-44.66 dBm	-31.66 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57816 GHz	-45.20 dBm	-20.20 dB

Date: 18.MAR.2015 14:50:23

Lowest Band Edge / Full RB

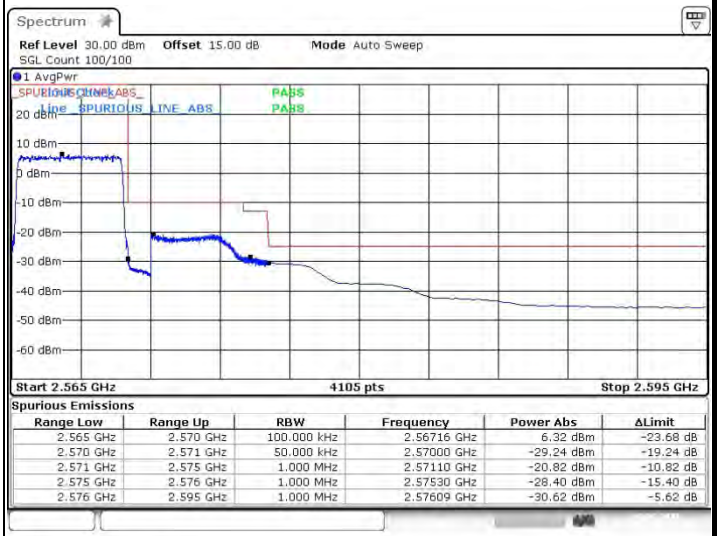


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48880 GHz	-35.78 dBm	-10.78 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-22.75 dBm	-9.75 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50334 GHz	6.44 dBm	-23.56 dB

Date: 18.MAR.2015 14:46:45

Highest Band Edge / Full RB



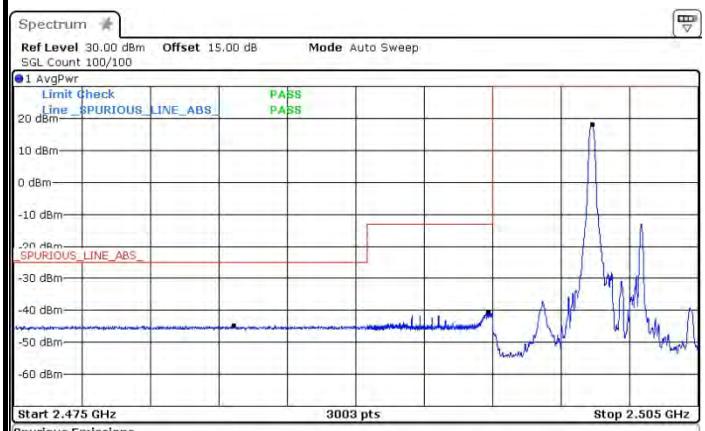
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56716 GHz	6.32 dBm	-23.68 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-29.24 dBm	-19.24 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-20.82 dBm	-10.82 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57530 GHz	-28.40 dBm	-15.40 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-30.62 dBm	-5.62 dB

Date: 18.MAR.2015 14:47:40

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	2.48465 GHz	-44.90 dBm	-19.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-40.57 dBm	-27.57 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50036 GHz	18.17 dBm	-11.83 dB

Date: 18.MAR.2015 14:45:25

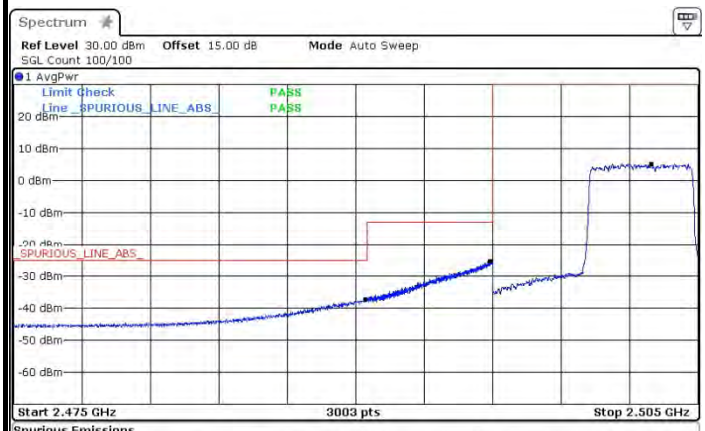
Highest Band Edge / 1 RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56962 GHz	18.25 dBm	-11.75 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-22.47 dBm	-12.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57130 GHz	-28.94 dBm	-18.94 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57588 GHz	-40.23 dBm	-27.23 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57798 GHz	-44.84 dBm	-19.84 dB

Date: 18.MAR.2015 14:49:40

Lowest Band Edge / Full RB

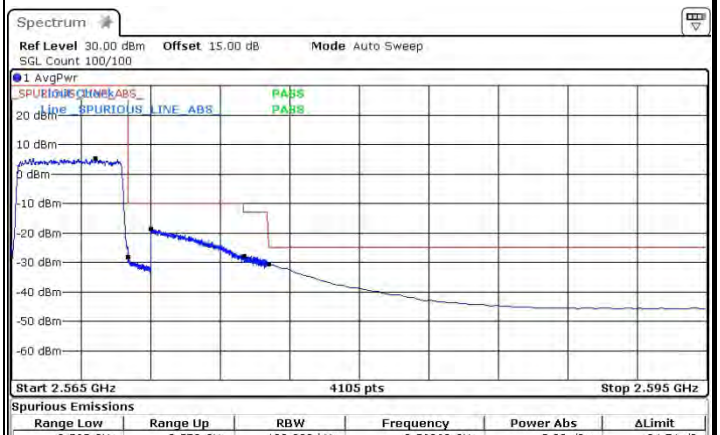


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-37.28 dBm	-12.28 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-25.17 dBm	-12.17 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50295 GHz	5.15 dBm	-24.85 dB

Date: 18.MAR.2015 14:46:14

Highest Band Edge / Full RB



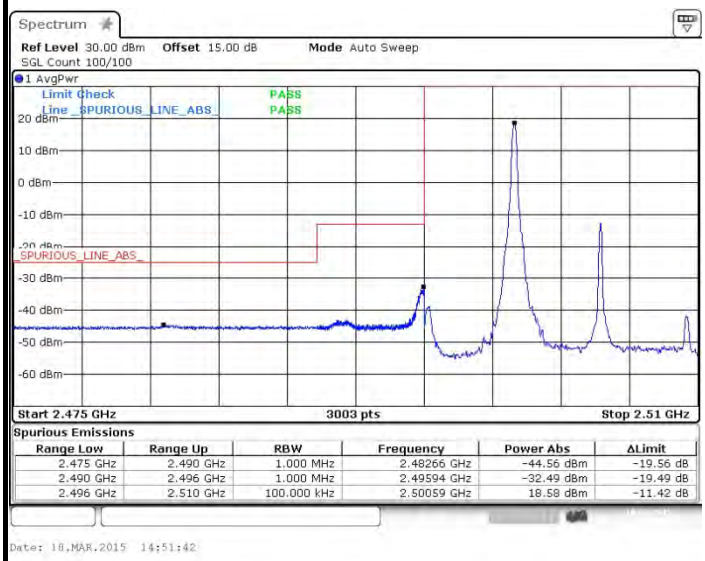
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56862 GHz	5.29 dBm	-24.71 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-28.33 dBm	-18.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-18.79 dBm	-8.79 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-27.77 dBm	-14.77 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-30.70 dBm	-5.70 dB

Date: 18.MAR.2015 14:49:01

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

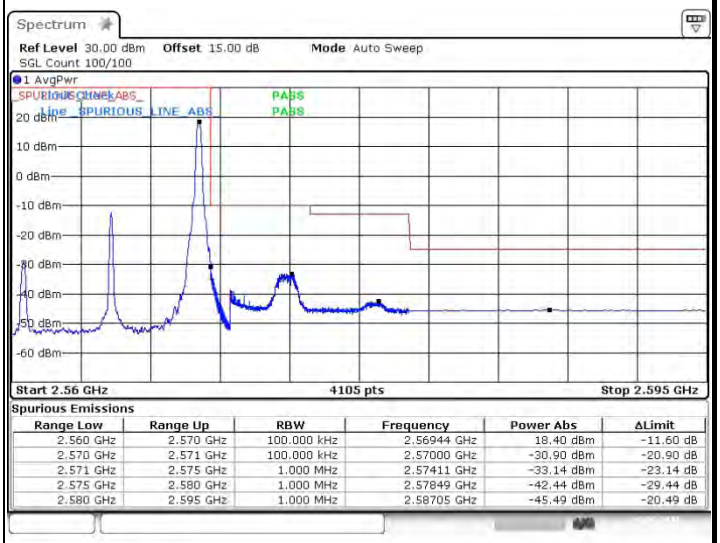


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48266 GHz	-44.56 dBm	-19.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-32.49 dBm	-19.49 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	18.58 dBm	-11.42 dB

Date: 18.MAR.2015 14:51:42

Highest Band Edge / 1 RB

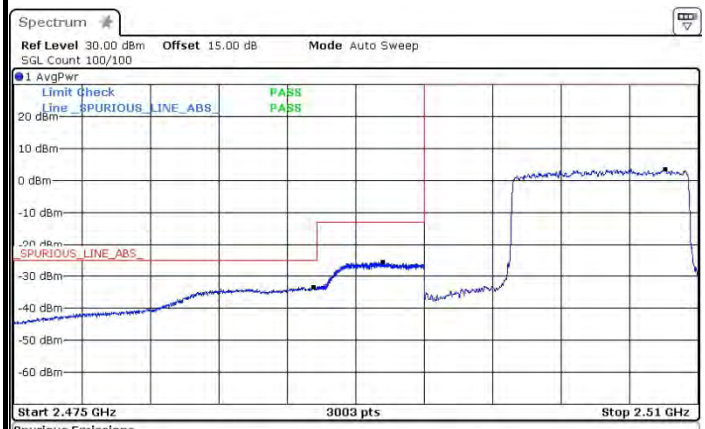


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	18.40 dBm	-11.60 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-30.90 dBm	-20.90 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57411 GHz	-33.14 dBm	-23.14 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57849 GHz	-42.44 dBm	-29.44 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58705 GHz	-45.49 dBm	-20.49 dB

Date: 18.MAR.2015 14:59:18

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	-33.42 dBm	-8.42 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49387 GHz	-25.59 dBm	-12.59 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50830 GHz	3.53 dBm	-26.47 dB

Date: 18.MAR.2015 14:56:51

Highest Band Edge / Full RB

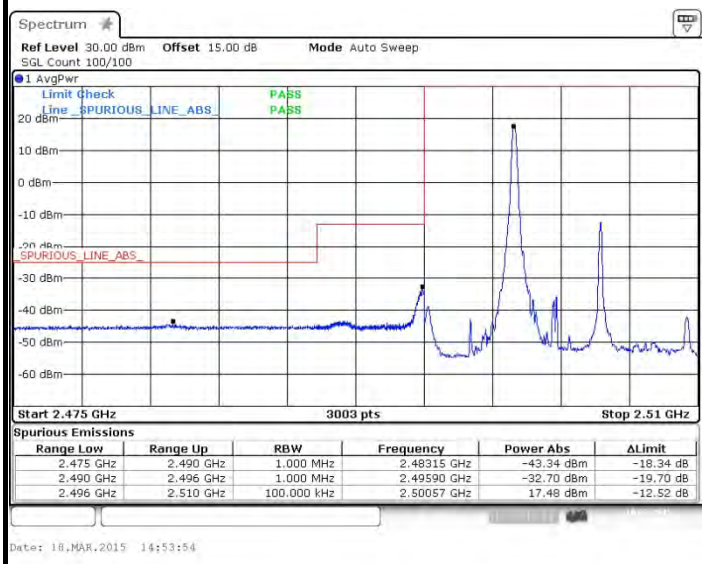
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56321 GHz	3.28 dBm	-26.72 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-31.95 dBm	-21.95 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-23.61 dBm	-13.61 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57757 GHz	-23.65 dBm	-10.65 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58067 GHz	-31.99 dBm	-6.99 dB

Date: 18.MAR.2015 14:57:35

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

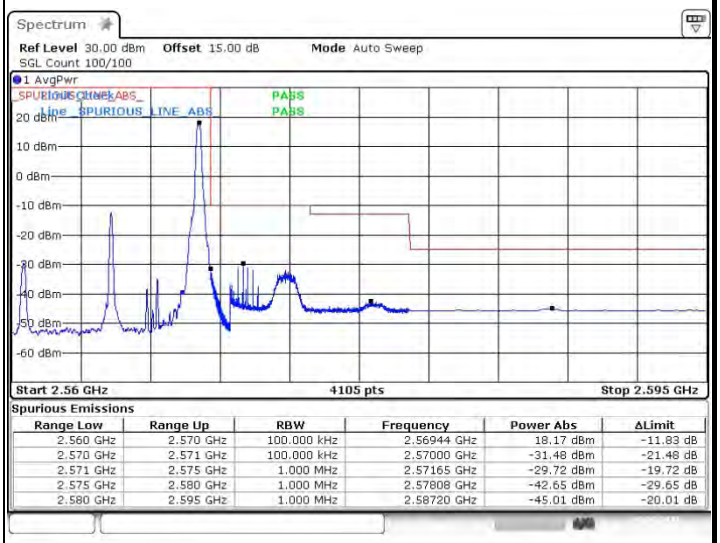


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48315 GHz	-43.34 dBm	-18.34 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49590 GHz	-32.70 dBm	-19.70 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50057 GHz	17.48 dBm	-12.52 dB

Date: 18.MAR.2015 14:53:54

Highest Band Edge / 1 RB

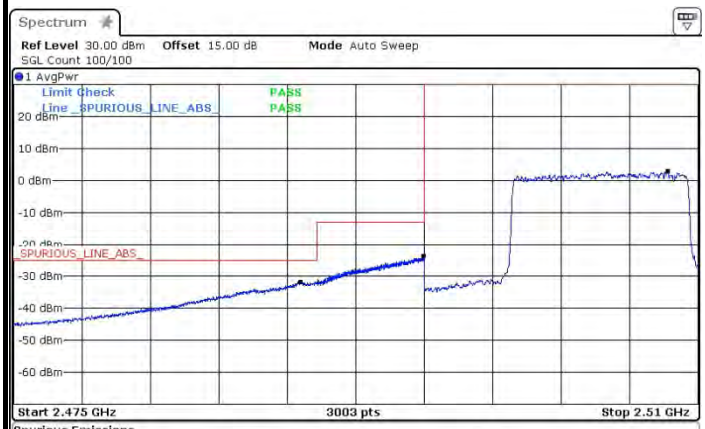


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56944 GHz	18.17 dBm	-11.83 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-31.48 dBm	-21.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57165 GHz	-29.72 dBm	-19.72 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57808 GHz	-42.65 dBm	-29.65 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58720 GHz	-45.01 dBm	-20.01 dB

Date: 18.MAR.2015 14:58:49

Lowest Band Edge / Full RB

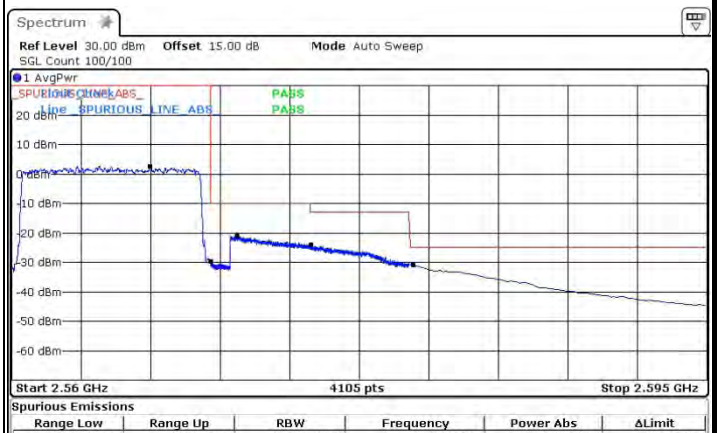


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48969 GHz	-31.87 dBm	-6.87 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-23.77 dBm	-10.77 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50843 GHz	2.83 dBm	-27.17 dB

Date: 18.MAR.2015 14:56:18

Highest Band Edge / Full RB



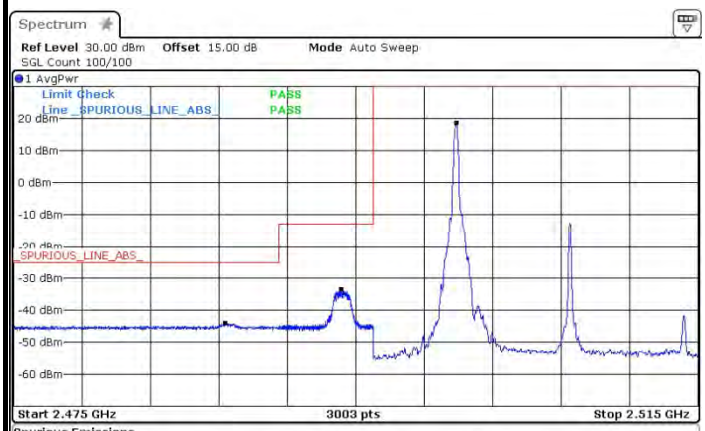
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56696 GHz	2.53 dBm	-27.47 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-29.75 dBm	-19.75 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57135 GHz	-21.11 dBm	-11.11 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57507 GHz	-23.94 dBm	-10.94 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58022 GHz	-30.84 dBm	-5.84 dB

Date: 18.MAR.2015 14:58:14

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

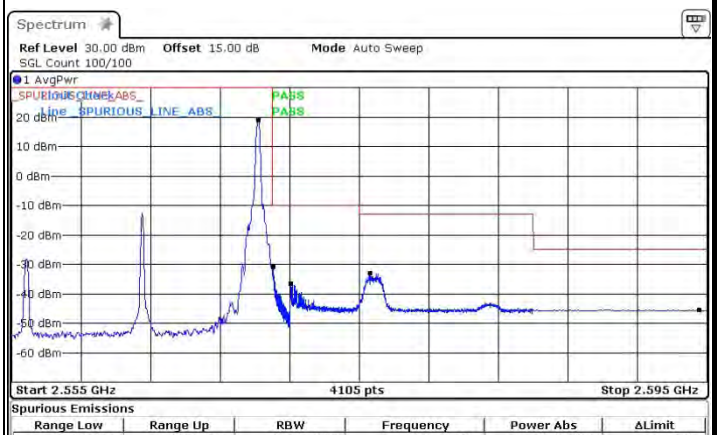


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48738 GHz	-44.08 dBm	-19.08 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49412 GHz	-33.39 dBm	-20.39 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	18.72 dBm	-11.28 dB

Date: 18.MAR.2015 15:05:50

Highest Band Edge / 1 RB

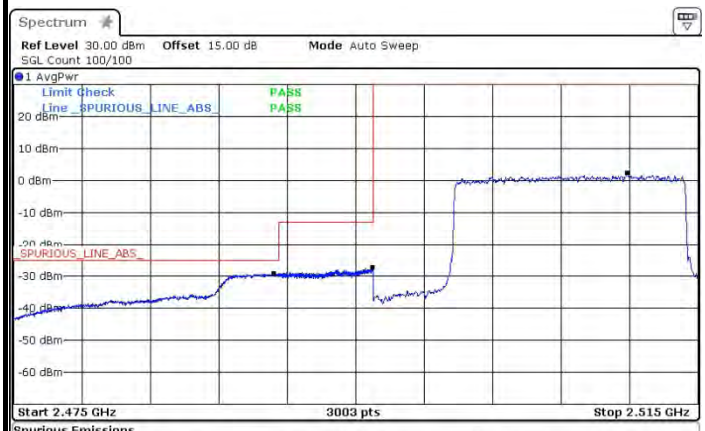


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	18.92 dBm	-11.08 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57002 GHz	-30.92 dBm	-20.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-36.54 dBm	-26.54 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57562 GHz	-32.94 dBm	-19.94 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59455 GHz	-45.46 dBm	-20.46 dB

Date: 18.MAR.2015 15:00:50

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49021 GHz	-29.18 dBm	-4.18 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-27.30 dBm	-14.30 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51083 GHz	2.29 dBm	-27.71 dB

Date: 18.MAR.2015 15:04:01

Highest Band Edge / Full RB

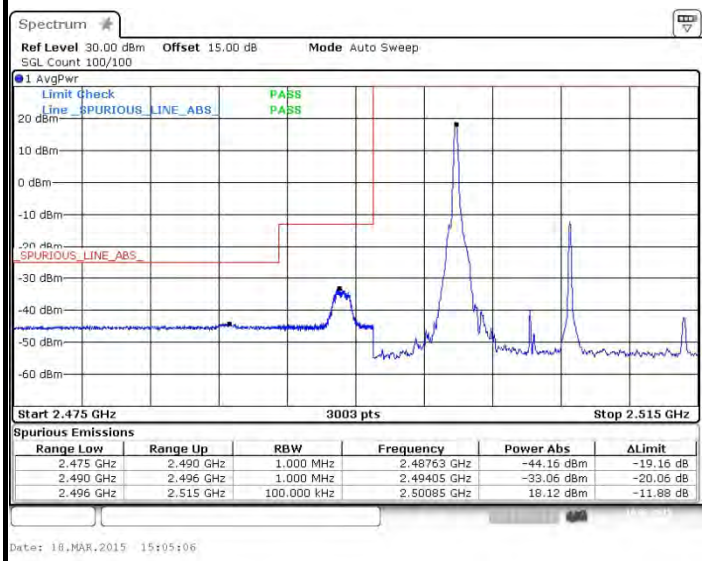
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56722 GHz	1.60 dBm	-28.40 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-32.94 dBm	-22.94 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57234 GHz	-25.35 dBm	-15.35 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58130 GHz	-24.92 dBm	-11.92 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-32.85 dBm	-7.85 dB

Date: 18.MAR.2015 15:03:08

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

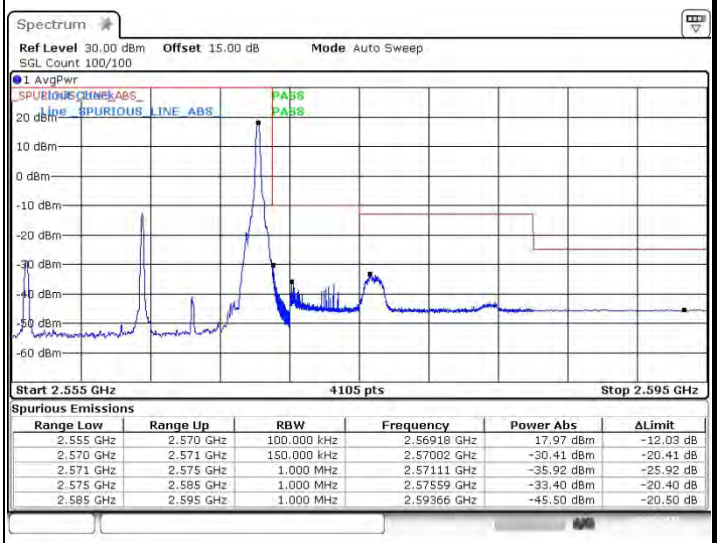


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48763 GHz	-44.16 dBm	-19.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49405 GHz	-33.06 dBm	-20.06 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	18.12 dBm	-11.88 dB

Date: 18.MAR.2015 15:05:06

Highest Band Edge / 1 RB

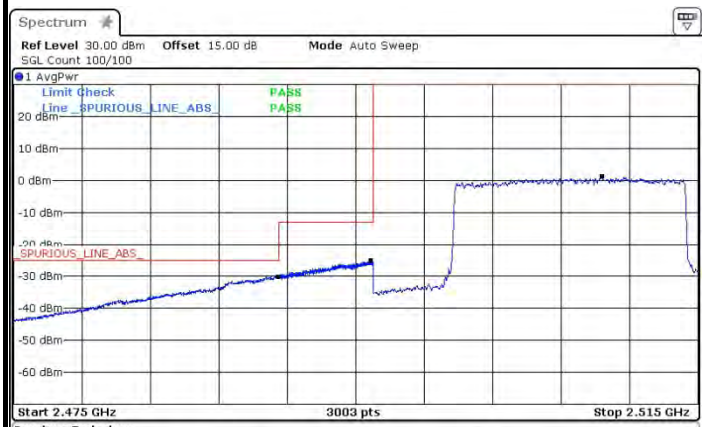


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56918 GHz	17.97 dBm	-12.03 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57002 GHz	-30.41 dBm	-20.41 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-35.92 dBm	-25.92 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57559 GHz	-33.40 dBm	-20.40 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59366 GHz	-45.50 dBm	-20.50 dB

Date: 18.MAR.2015 15:01:33

Lowest Band Edge / Full RB

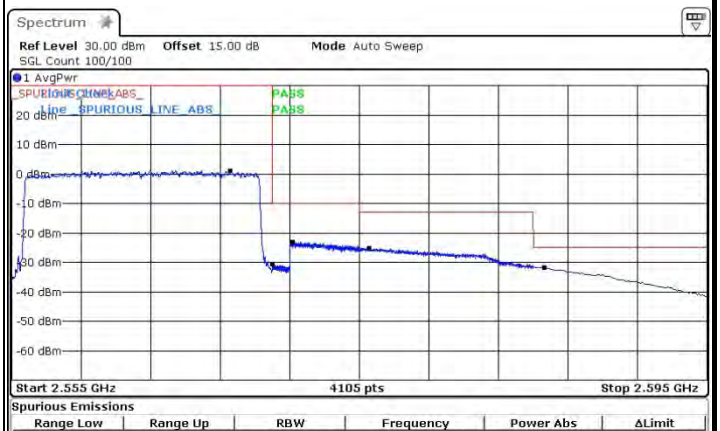


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-30.09 dBm	-5.09 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49584 GHz	-25.06 dBm	-12.06 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50939 GHz	1.15 dBm	-28.85 dB

Date: 18.MAR.2015 15:04:28

Highest Band Edge / Full RB



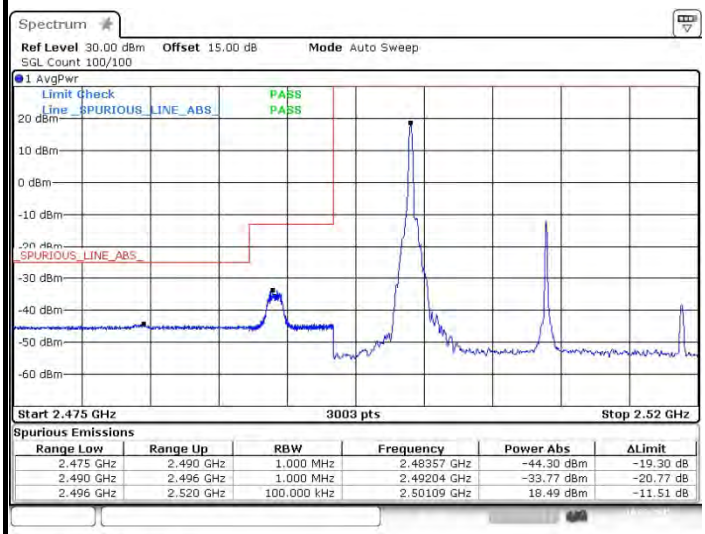
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56755 GHz	1.14 dBm	-28.86 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-30.70 dBm	-20.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-23.12 dBm	-13.12 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57553 GHz	-25.20 dBm	-12.20 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58564 GHz	-31.66 dBm	-6.66 dB

Date: 18.MAR.2015 15:02:35

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

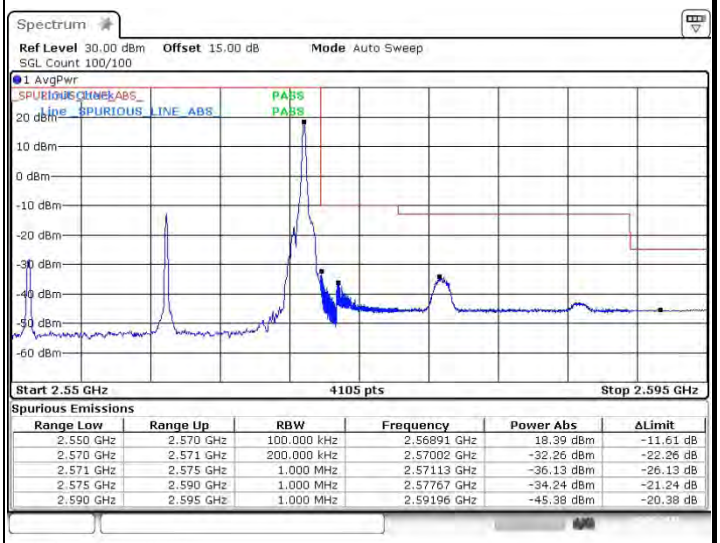


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48357 GHz	-44.30 dBm	-19.30 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49204 GHz	-33.77 dBm	-20.77 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	18.49 dBm	-11.51 dB

Date: 18.MAR.2015 15:06:53

Highest Band Edge / 1 RB

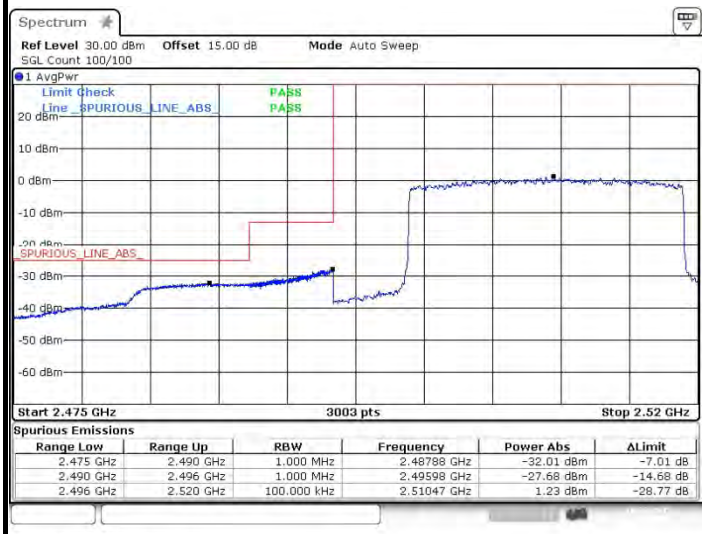


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	18.39 dBm	-11.61 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-32.26 dBm	-22.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-36.13 dBm	-26.13 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57767 GHz	-34.24 dBm	-21.24 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59196 GHz	-45.38 dBm	-20.38 dB

Date: 18.MAR.2015 15:10:40

Lowest Band Edge / Full RB

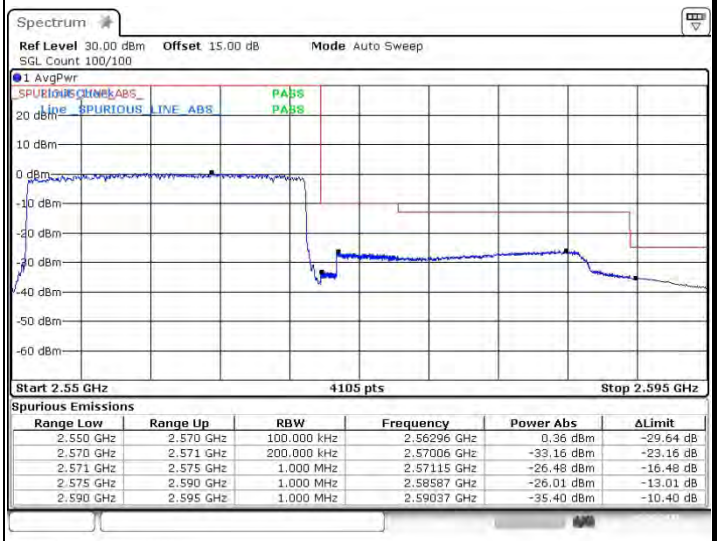


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48788 GHz	-32.01 dBm	-7.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-27.68 dBm	-14.68 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51047 GHz	1.23 dBm	-28.77 dB

Date: 18.MAR.2015 15:08:45

Highest Band Edge / Full RB



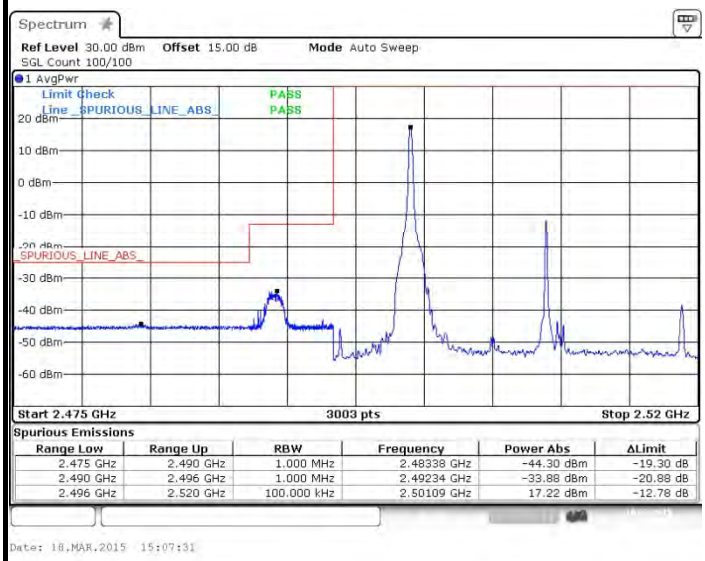
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56296 GHz	0.36 dBm	-29.64 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57006 GHz	-33.16 dBm	-23.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-26.48 dBm	-16.48 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58587 GHz	-26.01 dBm	-13.01 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59037 GHz	-35.40 dBm	-10.40 dB

Date: 18.MAR.2015 15:09:17

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

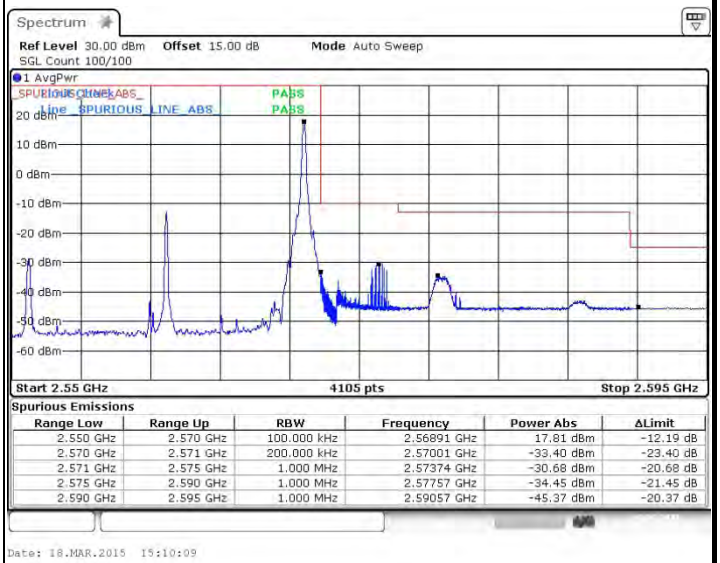


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48338 GHz	-44.30 dBm	-19.30 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49234 GHz	-33.88 dBm	-20.88 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	17.22 dBm	-12.78 dB

Date: 18.MAR.2015 15:07:31

Highest Band Edge / 1RB

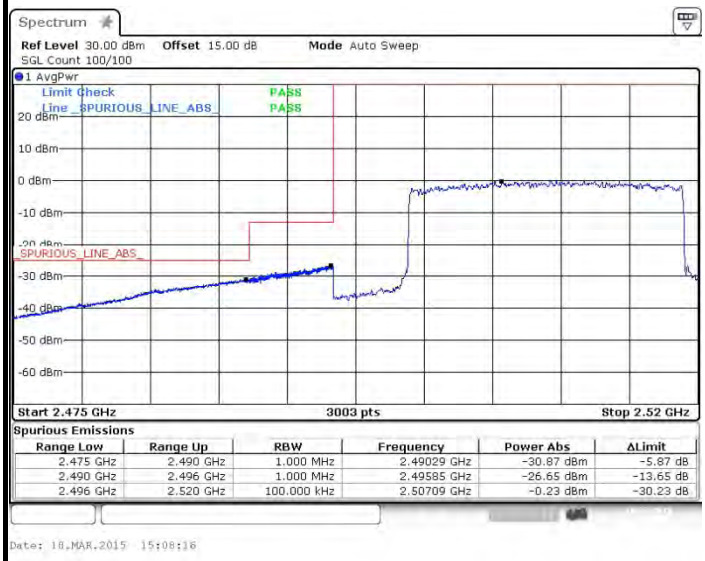


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	17.81 dBm	-12.19 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-33.40 dBm	-23.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57374 GHz	-30.68 dBm	-20.68 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57757 GHz	-34.45 dBm	-21.45 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59057 GHz	-45.37 dBm	-20.37 dB

Date: 18.MAR.2015 15:10:09

Lowest Band Edge / Full RB

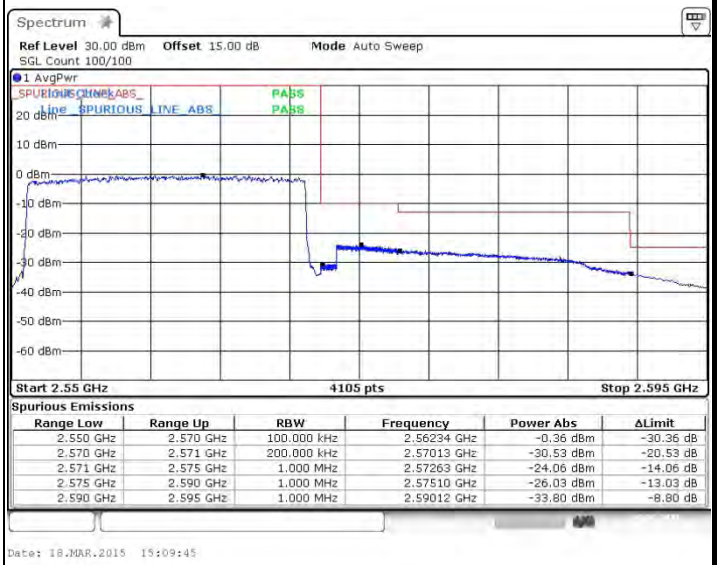


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49029 GHz	-30.87 dBm	-5.87 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49585 GHz	-26.65 dBm	-13.65 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50709 GHz	-0.23 dBm	-30.23 dB

Date: 18.MAR.2015 15:08:18

Highest Band Edge / Full RB



Spurious Emissions

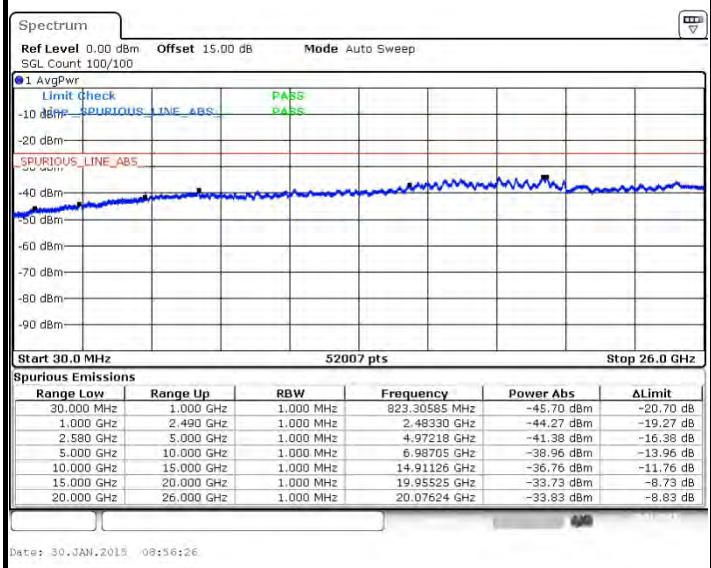
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56234 GHz	-0.36 dBm	-30.36 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57013 GHz	-30.53 dBm	-20.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57263 GHz	-24.06 dBm	-14.06 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57510 GHz	-26.03 dBm	-13.03 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59012 GHz	-33.80 dBm	-8.80 dB

Date: 18.MAR.2015 15:09:45

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

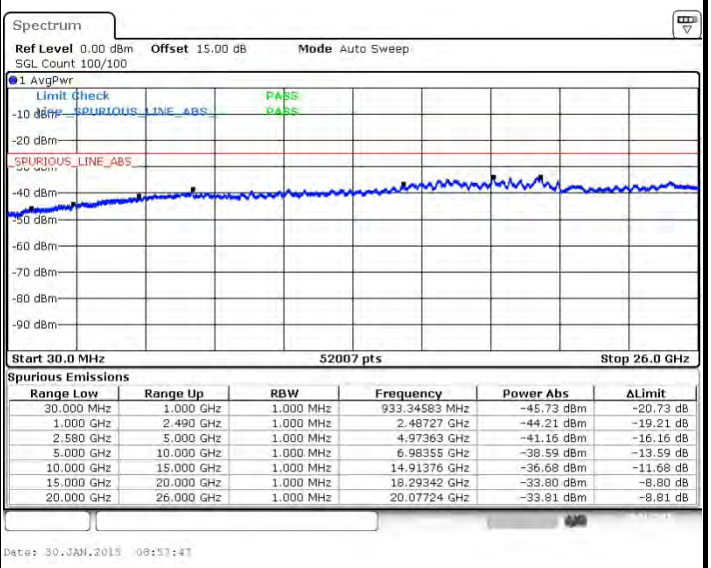


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	823.30585 MHz	-45.70 dBm	-20.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-44.27 dBm	-19.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97218 GHz	-41.38 dBm	-16.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98705 GHz	-38.96 dBm	-13.96 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91126 GHz	-36.76 dBm	-11.76 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95525 GHz	-33.73 dBm	-8.73 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07624 GHz	-33.83 dBm	-8.83 dB

Date: 30.JAN.2015 08:56:26

Lowest Channel / 16QAM

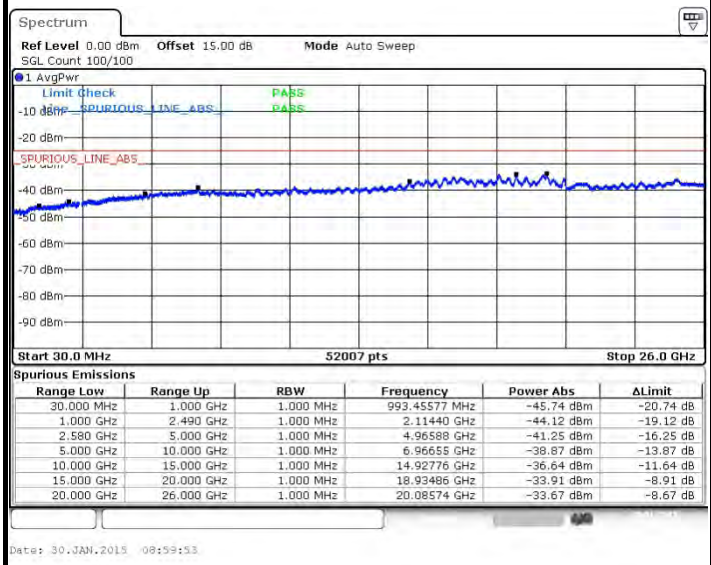


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-45.73 dBm	-20.73 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-44.21 dBm	-19.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97363 GHz	-41.16 dBm	-16.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98355 GHz	-38.59 dBm	-13.59 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91376 GHz	-36.68 dBm	-11.68 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.29342 GHz	-33.80 dBm	-8.80 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07724 GHz	-33.81 dBm	-8.81 dB

Date: 30.JAN.2015 08:57:47

Middle Channel / QPSK

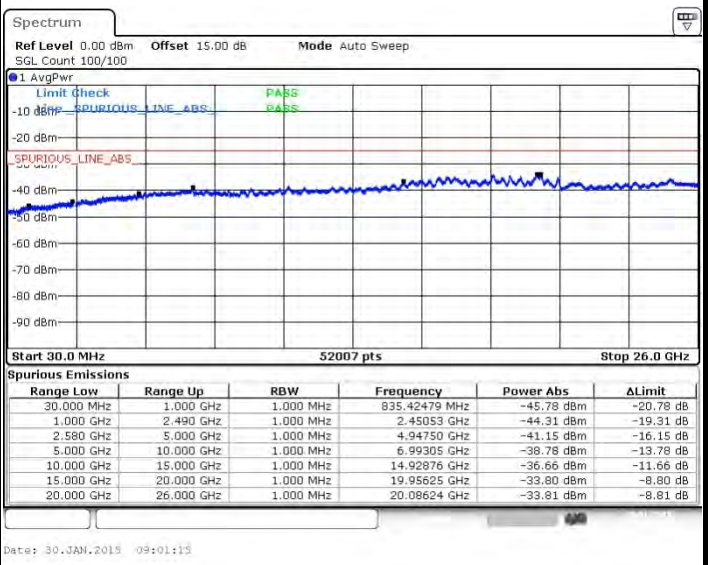


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.74 dBm	-20.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11440 GHz	-44.12 dBm	-19.12 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96588 GHz	-41.25 dBm	-16.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96655 GHz	-38.87 dBm	-13.87 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92776 GHz	-36.64 dBm	-11.64 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.93486 GHz	-33.91 dBm	-8.91 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08574 GHz	-33.67 dBm	-8.67 dB

Date: 30.JAN.2015 08:59:53

Middle Channel / 16QAM



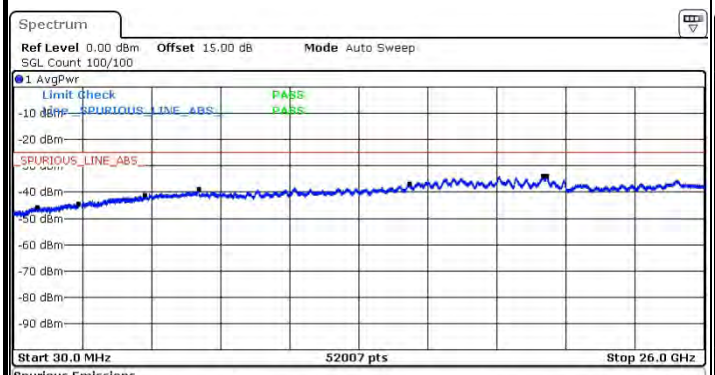
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	835.42479 MHz	-45.78 dBm	-20.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45053 GHz	-44.31 dBm	-19.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94750 GHz	-41.15 dBm	-16.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99305 GHz	-38.78 dBm	-13.78 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92876 GHz	-36.66 dBm	-11.66 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95625 GHz	-33.80 dBm	-8.80 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08624 GHz	-33.81 dBm	-8.81 dB

Date: 30.JAN.2015 09:01:15

LTE Band 7 / 5MHz

Highest Channel / QPSK

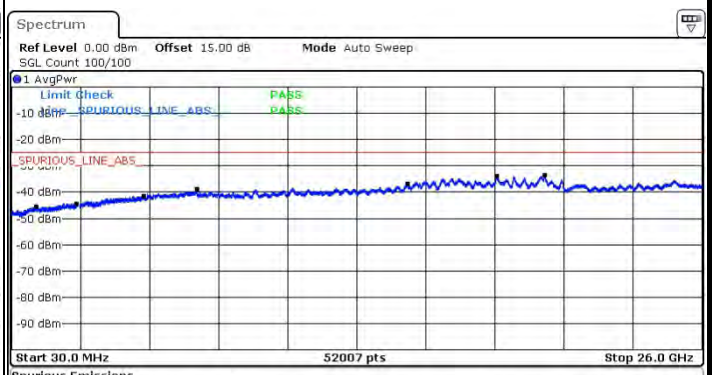


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-45.75 dBm	-20.75 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47585 GHz	-44.36 dBm	-19.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97266 GHz	-41.12 dBm	-16.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98655 GHz	-39.03 dBm	-14.03 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92826 GHz	-36.78 dBm	-11.78 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95625 GHz	-33.93 dBm	-8.93 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08374 GHz	-33.73 dBm	-8.73 dB

Date: 30.JAN.2015 09:08:41

Highest Channel / 16QAM



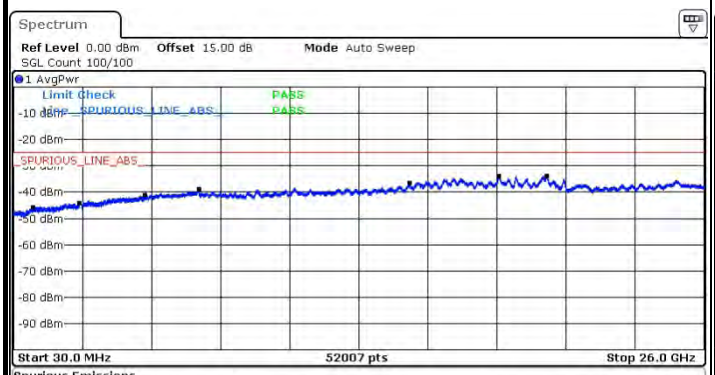
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-45.52 dBm	-20.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45549 GHz	-44.45 dBm	-19.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-41.41 dBm	-16.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-38.80 dBm	-13.80 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92176 GHz	-36.77 dBm	-11.77 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.26642 GHz	-34.00 dBm	-9.00 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07474 GHz	-33.55 dBm	-8.55 dB

Date: 30.JAN.2015 09:10:03

LTE Band 7 / 10MHz

Lowest Channel / QPSK

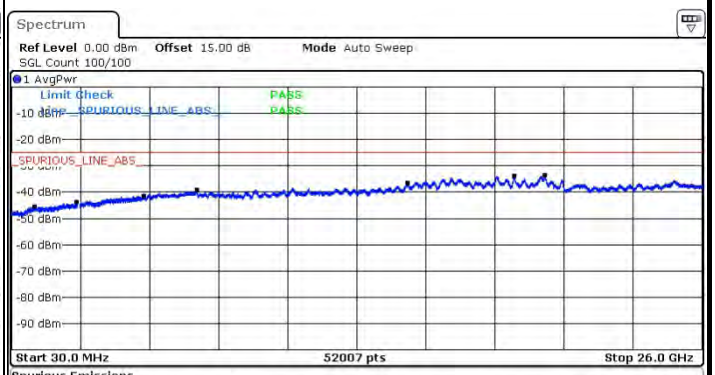


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	750.59220 MHz	-45.69 dBm	-20.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-44.33 dBm	-19.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97218 GHz	-41.33 dBm	-16.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99755 GHz	-39.01 dBm	-14.01 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91576 GHz	-36.64 dBm	-11.64 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27892 GHz	-33.98 dBm	-8.98 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08674 GHz	-33.81 dBm	-8.81 dB

Date: 30.JAN.2015 09:17:30

Lowest Channel / 16QAM



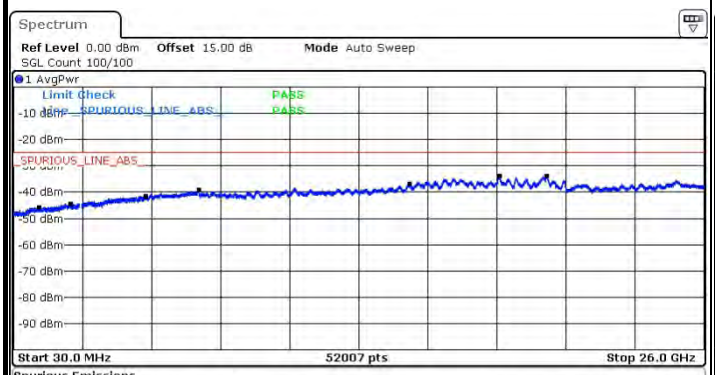
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.11094 MHz	-45.67 dBm	-20.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-43.89 dBm	-18.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97895 GHz	-41.39 dBm	-16.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-39.09 dBm	-14.09 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92026 GHz	-36.67 dBm	-11.67 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.93186 GHz	-33.92 dBm	-8.92 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08124 GHz	-33.64 dBm	-8.64 dB

Date: 30.JAN.2015 09:18:51

LTE Band 7 / 10MHz

Middle Channel / QPSK

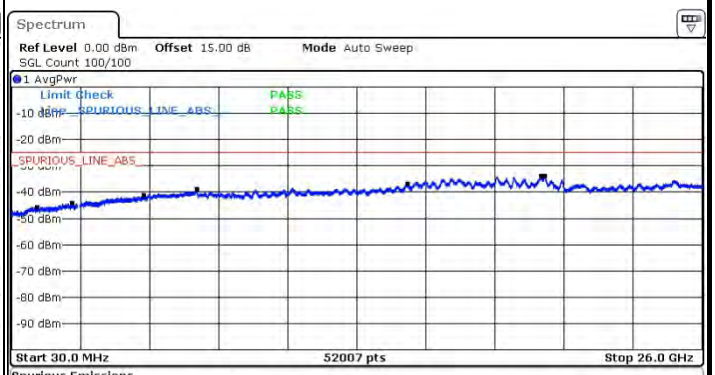


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-45.96 dBm	-20.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15610 GHz	-44.41 dBm	-19.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-41.40 dBm	-16.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99555 GHz	-39.10 dBm	-14.10 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91526 GHz	-36.77 dBm	-11.77 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.31442 GHz	-33.86 dBm	-8.86 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08574 GHz	-33.86 dBm	-8.86 dB

Date: 30.JAN.2015 09:20:57

Middle Channel / 16QAM

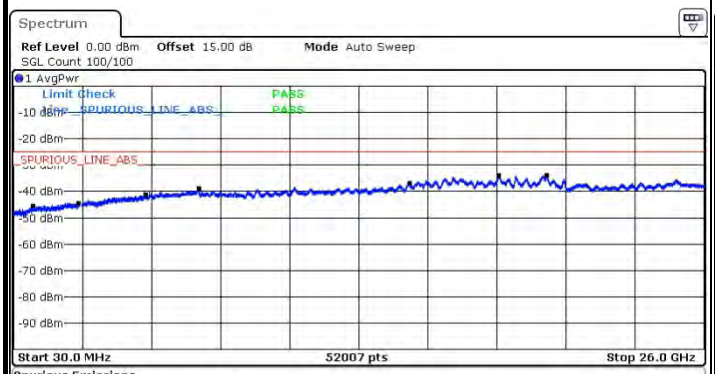


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-45.83 dBm	-20.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30456 GHz	-44.35 dBm	-19.35 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98524 GHz	-41.35 dBm	-16.35 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98405 GHz	-38.92 dBm	-13.92 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91326 GHz	-36.73 dBm	-11.73 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96175 GHz	-33.96 dBm	-8.96 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08824 GHz	-33.79 dBm	-8.79 dB

Date: 30.JAN.2015 09:22:18

Highest Channel / QPSK

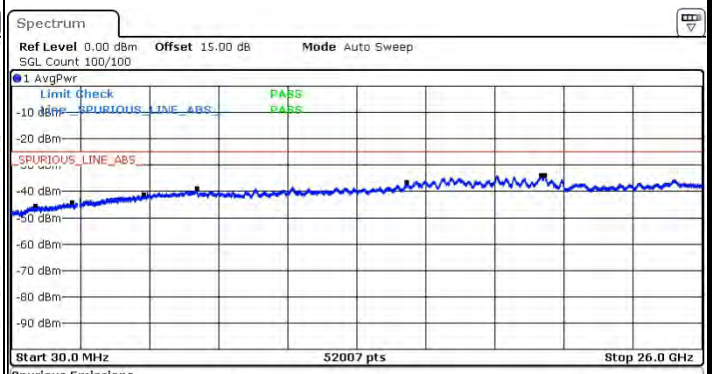


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	766.10445 MHz	-45.61 dBm	-20.61 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46791 GHz	-44.36 dBm	-19.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-41.27 dBm	-16.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98905 GHz	-38.80 dBm	-13.80 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90926 GHz	-36.81 dBm	-11.81 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27092 GHz	-33.96 dBm	-8.96 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07774 GHz	-33.84 dBm	-8.84 dB

Date: 30.JAN.2015 09:29:43

Highest Channel / 16QAM



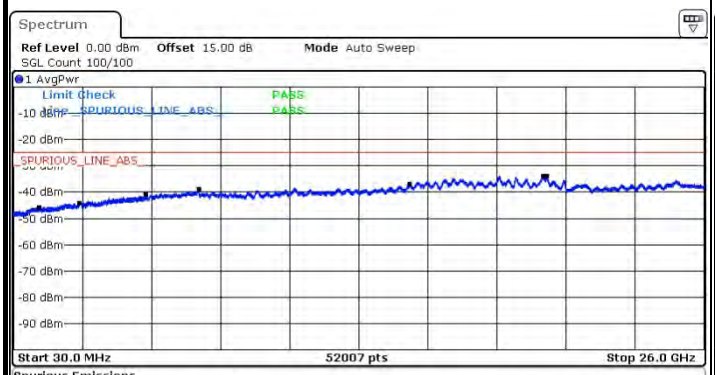
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30555 GHz	-44.21 dBm	-19.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98960 GHz	-41.36 dBm	-16.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98405 GHz	-38.84 dBm	-13.84 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89776 GHz	-36.58 dBm	-11.58 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95875 GHz	-34.01 dBm	-9.01 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08524 GHz	-33.87 dBm	-8.87 dB

Date: 30.JAN.2015 09:31:04

LTE Band 7 / 15MHz

Lowest Channel / QPSK

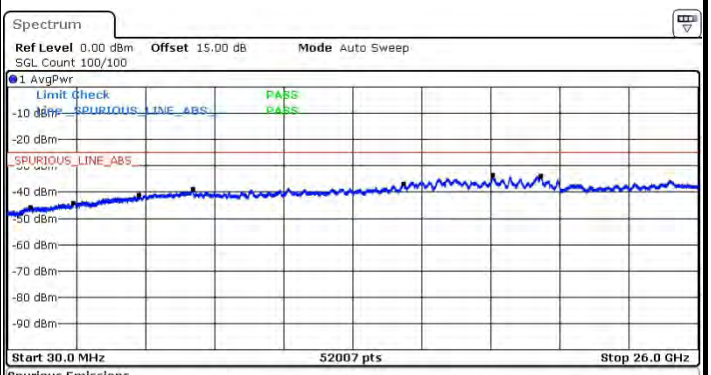


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-45.69 dBm	-20.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-44.15 dBm	-19.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97847 GHz	-40.90 dBm	-15.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99155 GHz	-38.99 dBm	-13.99 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91176 GHz	-36.85 dBm	-11.85 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96125 GHz	-33.90 dBm	-8.90 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08574 GHz	-33.91 dBm	-8.91 dB

Date: 30.JAN.2015 09:38:31

Lowest Channel / 16QAM

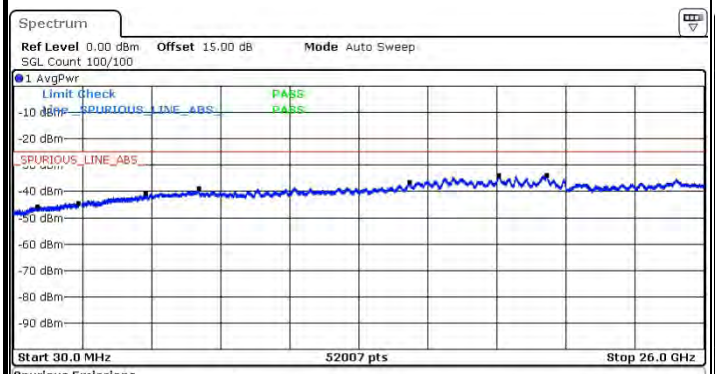


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-45.70 dBm	-20.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-44.16 dBm	-19.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96830 GHz	-41.24 dBm	-16.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99205 GHz	-38.96 dBm	-13.96 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90926 GHz	-36.71 dBm	-11.71 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27992 GHz	-33.53 dBm	-8.53 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08774 GHz	-33.73 dBm	-8.73 dB

Date: 30.JAN.2015 09:39:52

Middle Channel / QPSK

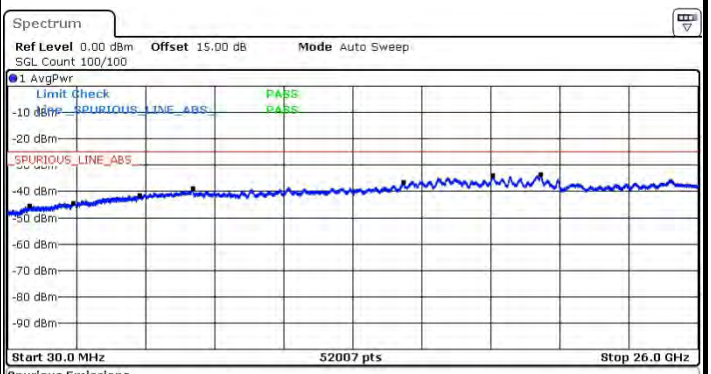


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-45.71 dBm	-20.71 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47734 GHz	-44.43 dBm	-19.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-40.98 dBm	-15.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98955 GHz	-38.91 dBm	-13.91 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92476 GHz	-36.51 dBm	-11.51 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27842 GHz	-33.96 dBm	-8.96 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07874 GHz	-33.74 dBm	-8.74 dB

Date: 30.JAN.2015 09:41:58

Middle Channel / 16QAM



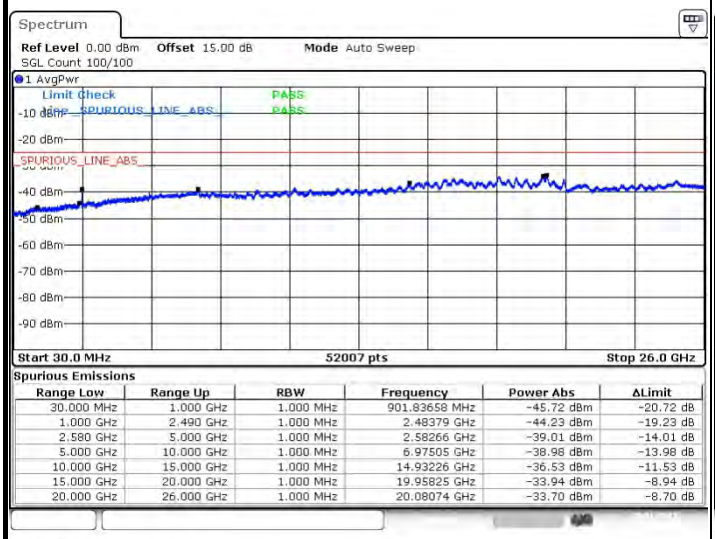
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	858.69315 MHz	-45.67 dBm	-20.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-44.51 dBm	-19.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98911 GHz	-41.37 dBm	-16.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98605 GHz	-38.97 dBm	-13.97 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91276 GHz	-36.64 dBm	-11.64 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27142 GHz	-33.91 dBm	-8.91 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08224 GHz	-33.63 dBm	-8.63 dB

Date: 30.JAN.2015 09:43:19

LTE Band7 / 15MHz

Highest Channel / QPSK

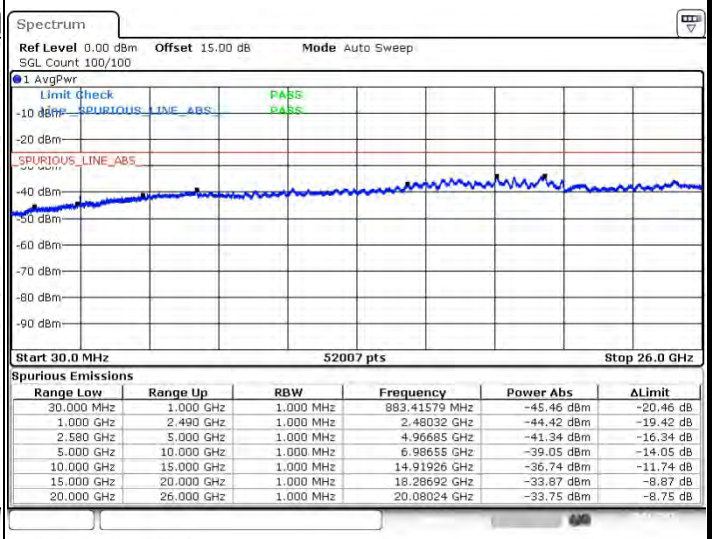


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-45.72 dBm	-20.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-44.23 dBm	-19.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-39.01 dBm	-14.01 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97505 GHz	-38.98 dBm	-13.98 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.93226 GHz	-36.53 dBm	-11.53 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95825 GHz	-33.94 dBm	-8.94 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08074 GHz	-33.70 dBm	-8.70 dB

Date: 30.JAN.2015 09:50:45

Highest Channel / 16QAM



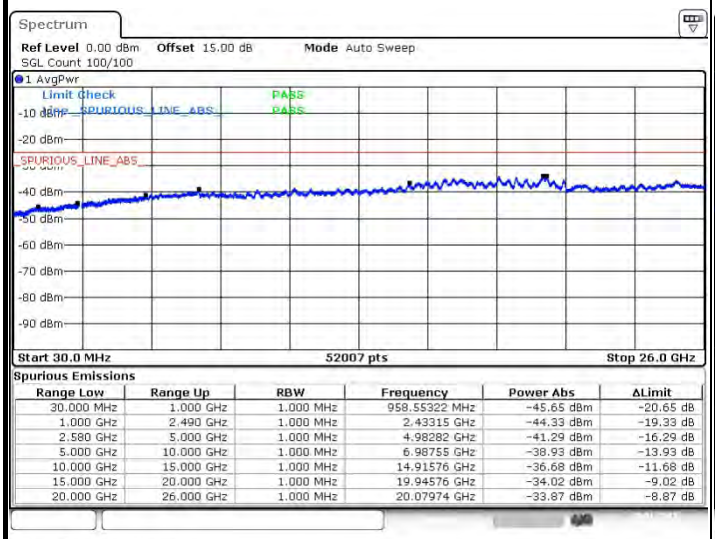
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-45.46 dBm	-20.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-44.42 dBm	-19.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96685 GHz	-41.34 dBm	-16.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98655 GHz	-39.05 dBm	-14.05 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91926 GHz	-36.74 dBm	-11.74 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.28692 GHz	-33.87 dBm	-8.87 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08024 GHz	-33.75 dBm	-8.75 dB

Date: 30.JAN.2015 09:52:06

LTE Band 7 / 20MHz

Lowest Channel / QPSK

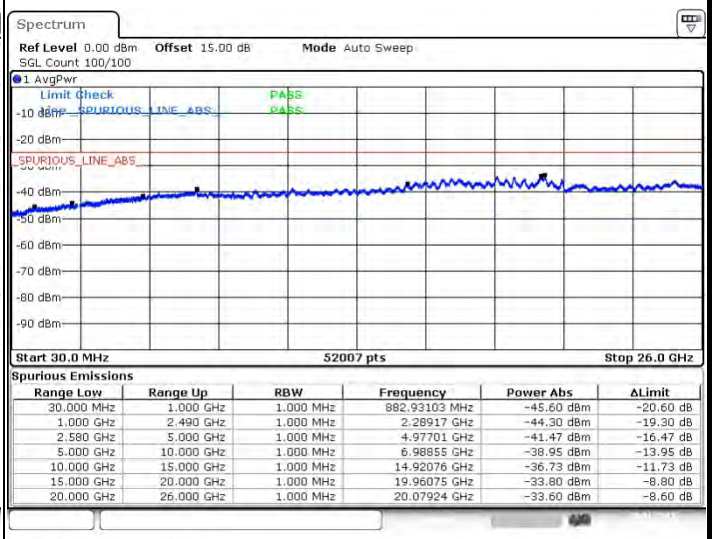


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-45.65 dBm	-20.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43315 GHz	-44.33 dBm	-19.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-41.29 dBm	-16.29 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98755 GHz	-38.93 dBm	-13.93 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.91576 GHz	-36.68 dBm	-11.68 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.94576 GHz	-34.02 dBm	-9.02 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07974 GHz	-33.87 dBm	-8.87 dB

Date: 30.JAN.2015 09:59:32

Lowest Channel / 16QAM



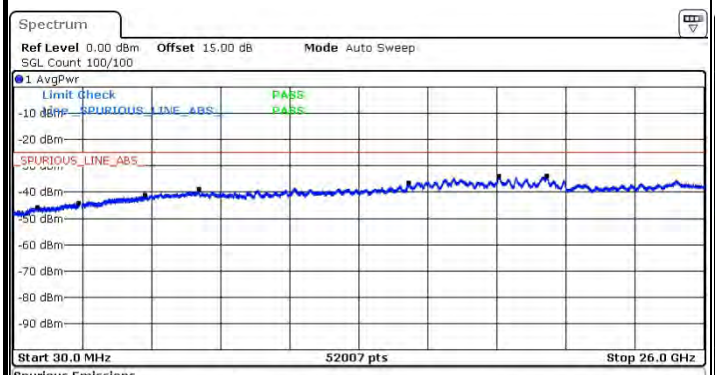
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-45.60 dBm	-20.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28917 GHz	-44.30 dBm	-19.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97701 GHz	-41.47 dBm	-16.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98855 GHz	-38.95 dBm	-13.95 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92076 GHz	-36.73 dBm	-11.73 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.96075 GHz	-33.80 dBm	-8.80 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07924 GHz	-33.60 dBm	-8.60 dB

Date: 30.JAN.2015 10:00:53

LTE Band 7 / 20MHz

Middle Channel / QPSK

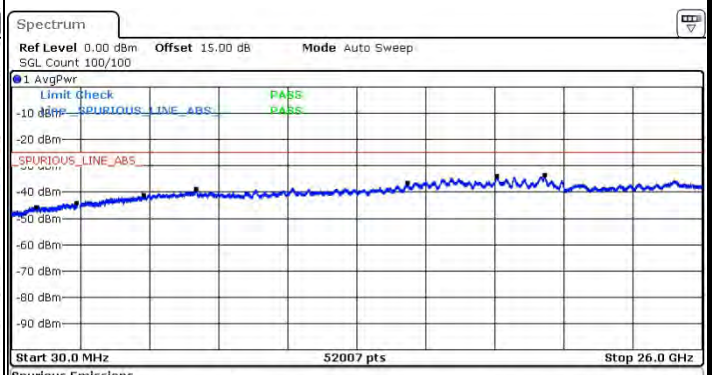


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-45.86 dBm	-20.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45251 GHz	-44.20 dBm	-19.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95814 GHz	-41.21 dBm	-16.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99305 GHz	-39.00 dBm	-14.00 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.89926 GHz	-36.59 dBm	-11.59 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.28392 GHz	-33.98 dBm	-8.98 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.09274 GHz	-33.81 dBm	-8.81 dB

Date: 30.JAN.2015 10:02:59

Middle Channel / 16QAM

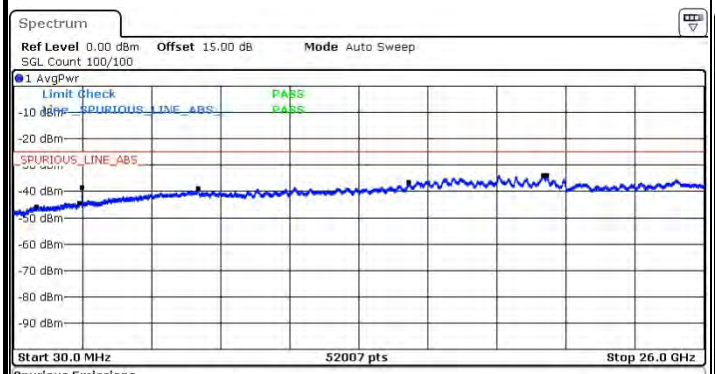


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.76662 MHz	-45.83 dBm	-20.83 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46393 GHz	-44.28 dBm	-19.28 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-41.08 dBm	-16.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97905 GHz	-38.83 dBm	-13.83 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92326 GHz	-36.67 dBm	-11.67 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27442 GHz	-33.87 dBm	-8.87 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07824 GHz	-33.69 dBm	-8.69 dB

Date: 30.JAN.2015 10:04:20

Highest Channel / QPSK

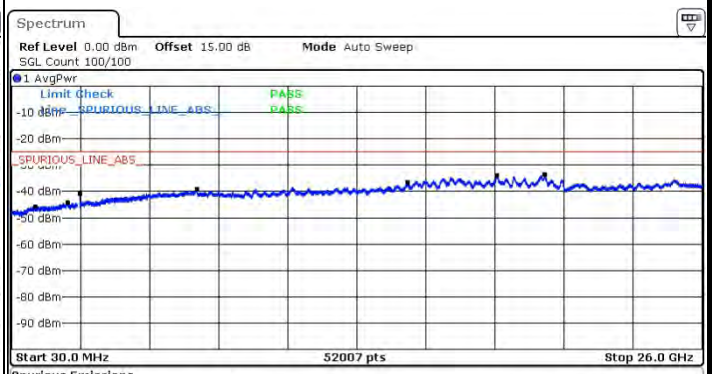


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-45.76 dBm	-20.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-44.40 dBm	-19.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-38.54 dBm	-13.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98255 GHz	-38.89 dBm	-13.89 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.90176 GHz	-36.71 dBm	-11.71 dB
15.000 GHz	20.000 GHz	1.000 MHz	19.95225 GHz	-33.88 dBm	-8.88 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.08974 GHz	-33.89 dBm	-8.89 dB

Date: 30.JAN.2015 10:11:49

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-45.77 dBm	-20.77 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13575 GHz	-44.29 dBm	-19.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-40.84 dBm	-15.84 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.98755 GHz	-39.08 dBm	-14.08 dB
10.000 GHz	15.000 GHz	1.000 MHz	14.92076 GHz	-36.61 dBm	-11.61 dB
15.000 GHz	20.000 GHz	1.000 MHz	18.27042 GHz	-33.79 dBm	-8.79 dB
20.000 GHz	26.000 GHz	1.000 MHz	20.07674 GHz	-33.69 dBm	-8.69 dB

Date: 30.JAN.2015 10:13:12

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	0.0020	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.65V.；Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

EIRP

LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	25.22	0.3327	25.59	0.3622
Middle		1	2	25.32	0.3404	25.82	0.3819
Highest		1	5	25.27	0.3365	25.60	0.3631
Lowest	16QAM	1	2	24.24	0.2655	24.69	0.2944
Middle		1	2	24.38	0.2742	24.90	0.3090
Highest		1	5	24.38	0.2742	24.75	0.2985
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.18	0.3296	25.64	0.3664
Middle		1	7	25.26	0.3357	25.18	0.3296
Highest		1	0	25.02	0.3177	25.37	0.3443
Lowest	16QAM	1	7	24.53	0.2838	25.05	0.3199
Middle		1	14	24.36	0.2729	24.94	0.3119
Highest		1	0	24.04	0.2535	24.36	0.2729
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	25.21	0.3319	25.70	0.3715
Middle		1	24	25.43	0.3491	25.86	0.3855
Highest		1	0	24.75	0.2985	25.11	0.3243
Lowest	16QAM	1	12	24.24	0.2655	24.78	0.3006
Middle		1	12	24.27	0.2673	24.82	0.3034
Highest		1	0	23.68	0.2333	24.05	0.2541
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	25.26	0.3357	25.71	0.3724
Middle		1	24	25.29	0.3381	25.87	0.3864
Highest		1	0	24.58	0.2871	24.96	0.3133
Lowest	16QAM	1	24	24.40	0.2754	24.65	0.2917
Middle		1	24	24.40	0.2754	24.95	0.3126
Highest		1	0	23.50	0.2239	24.00	0.2512
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	25.07	0.3214	25.61	0.3639
Middle		1	74	25.28	0.3373	25.69	0.3707
Highest		1	0	24.56	0.2858	24.99	0.3155
Lowest	16QAM	1	74	24.11	0.2576	24.59	0.2877
Middle		1	74	24.62	0.2897	25.17	0.3289
Highest		1	0	24.34	0.2716	24.88	0.3076
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	25.31	0.3396	25.92	0.3908
Middle		1	99	24.55	0.2851	25.15	0.3273
Highest		1	99	23.83	0.2415	24.17	0.2612
Lowest	16QAM	1	99	24.21	0.2636	24.86	0.3062
Middle		1	49	23.96	0.2489	24.57	0.2864
Highest		1	99	23.13	0.2056	23.53	0.2254
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.91	0.1954	23.37	0.2173
Middle		1	24	22.44	0.1754	22.56	0.1803
Highest		1	24	22.21	0.1663	22.32	0.1706
Lowest	16QAM	1	0	22.07	0.1611	22.52	0.1786
Middle		1	24	21.77	0.1503	21.84	0.1528
Highest		1	24	21.61	0.1449	21.50	0.1413
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.77	0.1892	23.14	0.2061
Middle		1	49	22.50	0.1778	22.54	0.1795
Highest		1	49	22.21	0.1663	22.26	0.1683
Lowest	16QAM	1	0	22.11	0.1626	22.37	0.1726
Middle		1	49	21.82	0.1521	21.66	0.1466
Highest		1	49	21.56	0.1432	21.38	0.1374
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.75	0.1884	23.19	0.2084
Middle		1	37	22.56	0.1803	22.75	0.1884
Highest		1	74	22.28	0.1690	22.41	0.1742
Lowest	16QAM	1	0	22.35	0.1718	22.49	0.1774
Middle		1	37	21.56	0.1432	21.38	0.1374
Highest		1	37	21.62	0.1452	21.45	0.1396
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	22.40	0.1738	22.63	0.1832
Middle		1	99	22.64	0.1837	22.81	0.1910
Highest		1	99	22.38	0.1730	22.37	0.1726
Lowest	16QAM	1	99	21.71	0.1483	21.66	0.1466
Middle		1	99	21.86	0.1535	21.65	0.1462
Highest		1	99	21.70	0.1479	21.40	0.1380
Limit	EIRP < 2W			Result		PASS	

Radiated Spurious Emission

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	42~58%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3464	-57.05	-13	-44.05	-59.37	-65.27	0.98	9.20	H	Pass
5200	-52.12	-13	-39.12	-58.13	-61.51	1.11	10.50	H	Pass
6932	-35.95	-13	-22.95	-50.29	-44.55	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3464	-54.63	-13	-41.63	-56.98	-62.85	0.98	9.2	V	Pass
5200	-44.55	-13	-31.55	-52.28	-53.94	1.11	10.5	V	Pass
6932	-42.94	-13	-29.94	-56.08	-51.54	1.2	9.8	V	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3464	-57.39	-13	-44.39	-59.71	-65.61	0.98	9.20	H	Pass
5197.5	-54.57	-13	-41.57	-60.58	-63.96	1.11	10.50	H	Pass
6932	-39.12	-13	-26.12	-53.46	-47.72	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3464	-54.31	-13	-41.31	-56.66	-62.53	0.98	9.2	V	Pass
5197.5	-49.48	-13	-36.48	-57.21	-58.87	1.11	10.5	V	Pass
6932	-46.76	-13	-33.76	-59.9	-55.36	1.2	9.8	V	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3465	-58.03	-13	-45.03	-60.35	-66.25	0.98	9.20	H	Pass
5200	-56.06	-13	-43.06	-62.07	-65.45	1.11	10.50	H	Pass
6932	-42.36	-13	-29.36	-56.70	-50.96	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3465	-56.12	-13	-43.12	-58.47	-64.34	0.98	9.2	V	Pass
5200	-52.25	-13	-39.25	-59.98	-61.64	1.11	10.5	V	Pass
6932	-49.38	-13	-36.38	-62.52	-57.98	1.2	9.8	V	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3456	-55.75	-13	-42.75	-58.07	-63.97	0.98	9.20	H	Pass
5184	-48.26	-13	-35.26	-54.27	-57.65	1.11	10.50	H	Pass
6916	-33.20	-13	-20.20	-47.54	-41.80	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3456	-54.15	-13	-41.15	-56.5	-62.37	0.98	9.2	V	Pass
5184	-42.91	-13	-29.91	-50.64	-52.30	1.11	10.5	V	Pass
6916	-41.39	-13	-28.39	-54.53	-49.99	1.2	9.8	V	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3468	-58.96	-13	-45.96	-61.28	-67.18	0.98	9.20	H	Pass
5176	-57.57	-13	-44.57	-63.58	-66.96	1.11	10.50	H	Pass
6932	-44.79	-13	-31.79	-59.13	-53.39	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3468	-56.25	-13	-43.25	-58.6	-64.47	0.98	9.2	V	Pass
5176	-55.51	-13	-42.51	-63.24	-64.90	1.11	10.5	V	Pass
6932	-50.27	-13	-37.27	-63.41	-58.87	1.2	9.8	V	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3468	-59.12	-13	-46.12	-61.44	-67.34	0.98	9.20	H	Pass
5200	-57.13	-13	-44.13	-63.14	-66.52	1.11	10.50	H	Pass
6932	-45.50	-13	-32.50	-59.84	-54.10	1.2	9.80	H	Pass

Band :	LTE Band 4	**Temperature :**	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3468	-56.78	-13	-43.78	-59.13	-65.00	0.98	9.2	V	Pass
5200	-56.57	-13	-43.57	-64.3	-65.96	1.11	10.5	V	Pass
6932	-50.57	-13	-37.57	-63.71	-59.17	1.2	9.8	V	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5070.00	-57.62	-25	-32.62	-62.61	-66.92	1.2	10.50	H	Pass
7605.00	-53.42	-25	-28.42	-63.53	-60.96	1.56	9.10	H	Pass
10140.00	-49.92	-25	-24.92	-66.55	-58.84	1.78	10.70	H	Pass
12675.00	-43.22	-25	-18.22	-66.57	-54.12	2	12.90	H	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5070	-53.89	-25	-28.89	-60.48	-63.19	1.2	10.50	V	Pass
7605	-53.24	-25	-28.24	-63.81	-60.78	1.56	9.10	V	Pass
10140	-50.66	-25	-25.66	-66.81	-59.58	1.78	10.70	V	Pass
12675	-41.80	-25	-16.80	-64.48	-52.70	2	12.90	V	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5060.00	-56.22	-25	-31.22	-61.21	-65.52	1.2	10.50	H	Pass
7592.00	-46.37	-25	-21.37	-56.48	-53.91	1.56	9.10	H	Pass
10128.00	-49.08	-25	-24.08	-65.71	-58.00	1.78	10.70	H	Pass
12652.00	-41.77	-25	-16.77	-65.12	-52.67	2	12.90	H	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5060	-51.98	-25	-26.98	-58.57	-61.28	1.2	10.50	V	Pass
7592	-50.44	-25	-25.44	-61.01	-57.98	1.56	9.10	V	Pass
10128	-50.15	-25	-25.15	-66.3	-59.07	1.78	10.70	V	Pass
12652	-38.18	-25	-13.18	-60.86	-49.08	2	12.90	V	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5056.00	-50.08	-25	-25.08	-61.02	-56.48	1.2	7.60	H	Pass
7584.00	-36.78	-25	-11.78	-57.09	-45.12	1.56	9.90	H	Pass
10112.00	-41.28	-25	-16.28	-64.80	-51.10	1.78	11.60	H	Pass
12640.00	-38.55	-25	-13.55	-64.71	-49.45	2	12.90	H	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5056	-42.76	-25	-17.76	-57.17	-49.16	1.2	7.60	V	Pass
7584	-41.61	-25	-16.61	-60.86	-49.95	1.56	9.90	V	Pass
10112	-41.95	-25	-16.95	-65.18	-51.77	1.78	11.60	V	Pass
12640	-35.00	-25	-10.00	-60.8	-45.90	2	12.90	V	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Horizontal
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5052.00	-50.26	-25	-25.26	-61.20	-56.66	1.2	7.60	H	Pass
7576.00	-39.37	-25	-14.37	-59.05	-47.71	1.56	9.90	H	Pass
10108.00	-42.37	-25	-17.37	-65.89	-52.19	1.78	11.60	H	Pass
12632.00	-39.73	-25	-14.73	-65.89	-50.63	2	12.90	H	Pass

Band :	LTE Band 7	**Temperature :**	23~25°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	**Relative Humidity :**	48~52%
Test Engineer :	Max Liu	**Polarization :**	Vertical
Remark :	Spurious emissions below 1000MHz were found more than 20dB below limit line.		

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5052	-42.98	-25	-17.98	-57.42	-49.38	1.2	7.60	V	Pass
7576	-41.30	-25	-16.30	-60.56	-49.64	1.56	9.90	V	Pass
10108	-41.68	-25	-16.68	-64.91	-51.50	1.78	11.60	V	Pass
12632	-36.02	-25	-11.02	-61.82	-46.92	2	12.90	V	Pass