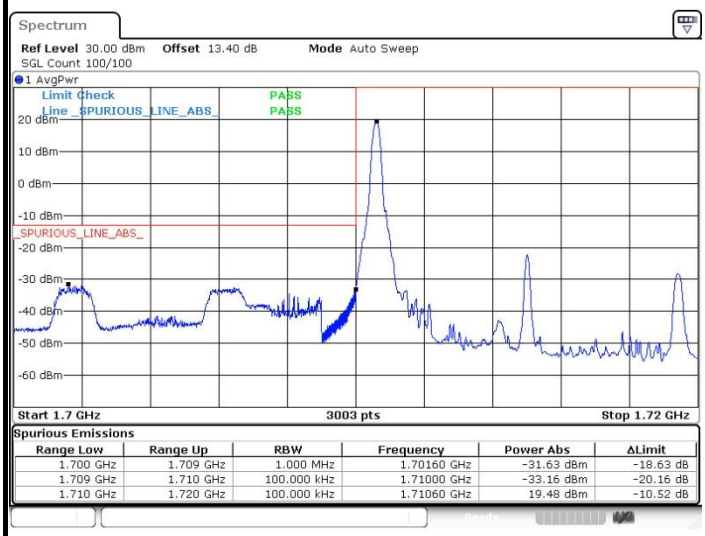
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

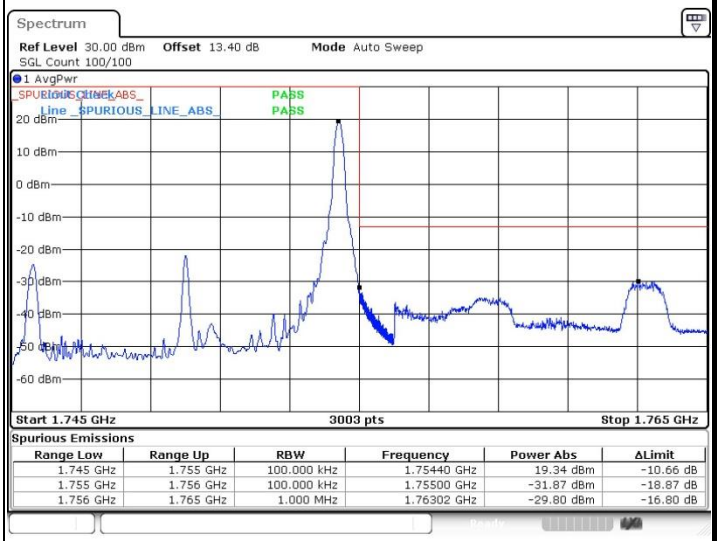


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70160 GHz	-31.63 dBm	-18.63 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-33.16 dBm	-20.16 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71060 GHz	19.48 dBm	-10.52 dB

Date: 23.AUG.2015 10:41:15

Highest Band Edge / 1 RB

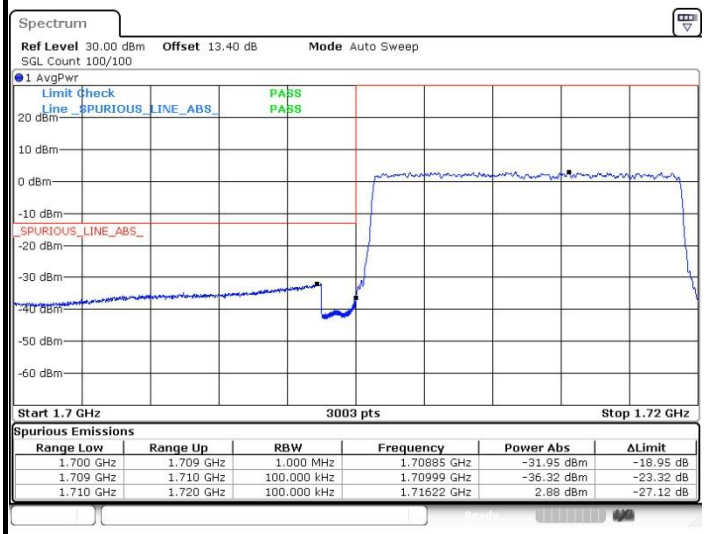


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75440 GHz	19.34 dBm	-10.66 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-31.87 dBm	-18.87 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76302 GHz	-29.80 dBm	-16.80 dB

Date: 23.AUG.2015 10:51:19

Lowest Band Edge / Full RB

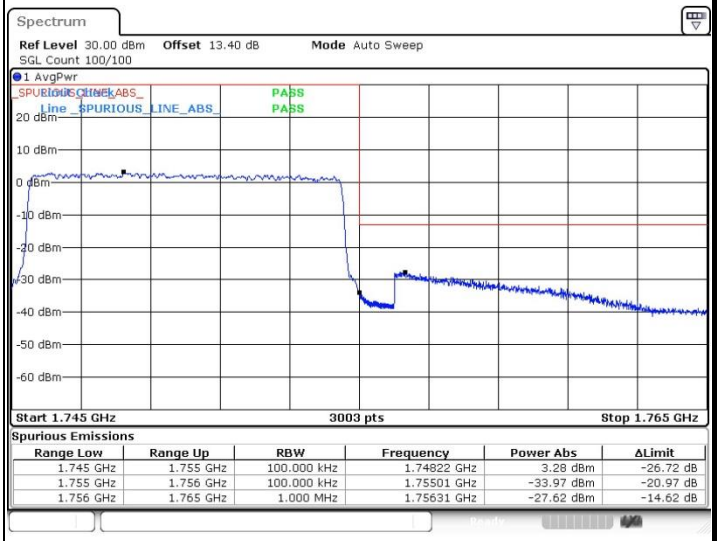


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-31.95 dBm	-18.95 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-36.32 dBm	-23.32 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71622 GHz	2.88 dBm	-27.12 dB

Date: 23.AUG.2015 10:43:33

Highest Band Edge / Full RB



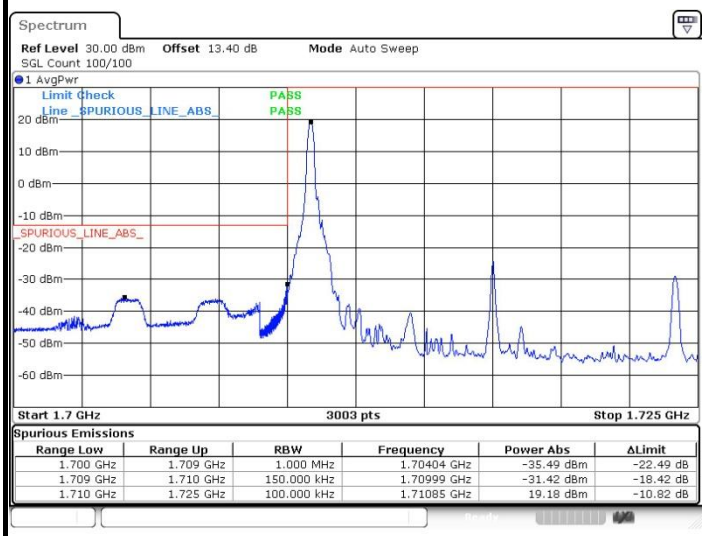
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74822 GHz	3.28 dBm	-26.72 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-33.97 dBm	-20.97 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75631 GHz	-27.62 dBm	-14.62 dB

Date: 23.AUG.2015 10:53:37

LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB

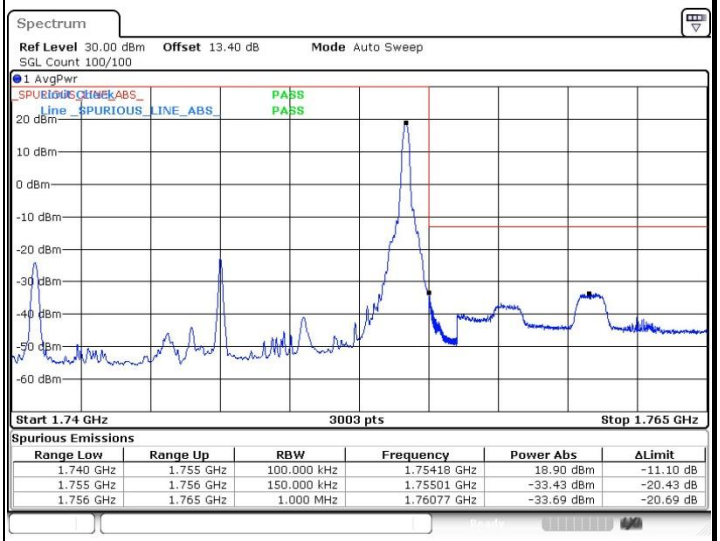


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70404 GHz	-35.49 dBm	-22.49 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-31.42 dBm	-18.42 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71085 GHz	19.18 dBm	-10.82 dB

Date: 23.AUG.2015 10:57:29

Highest Band Edge / 1 RB

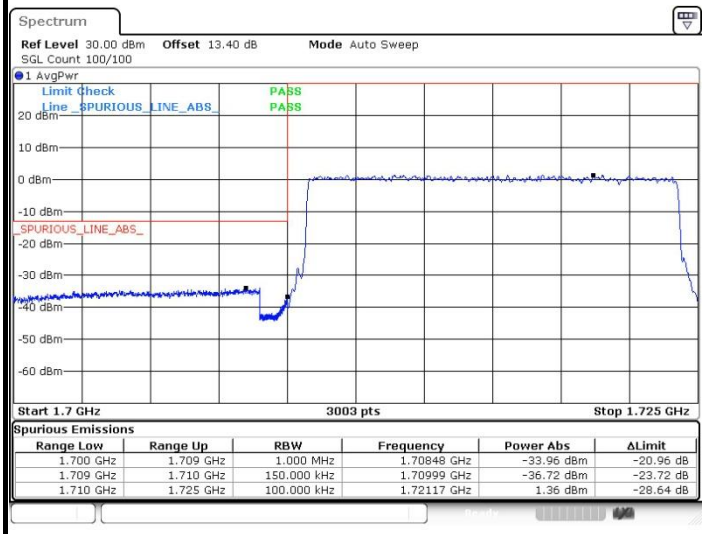


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75418 GHz	18.90 dBm	-11.10 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75501 GHz	-33.43 dBm	-20.43 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76077 GHz	-33.69 dBm	-20.69 dB

Date: 23.AUG.2015 11:07:33

Lowest Band Edge / Full RB

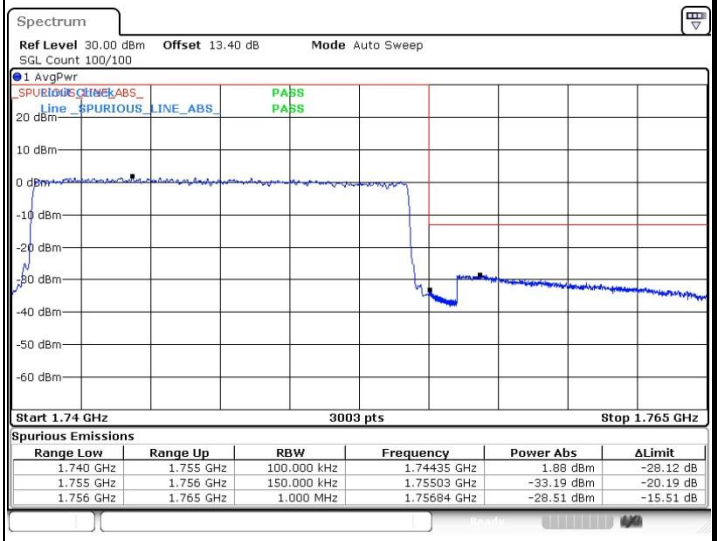


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70848 GHz	-33.96 dBm	-20.96 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-36.72 dBm	-23.72 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.72117 GHz	1.36 dBm	-28.64 dB

Date: 23.AUG.2015 10:59:48

Highest Band Edge / Full RB



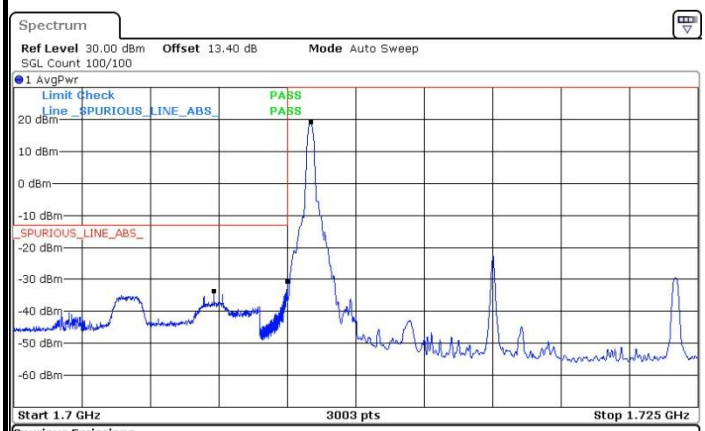
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74435 GHz	1.88 dBm	-28.12 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75503 GHz	-33.19 dBm	-20.19 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75684 GHz	-28.51 dBm	-15.51 dB

Date: 23.AUG.2015 11:09:52

LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

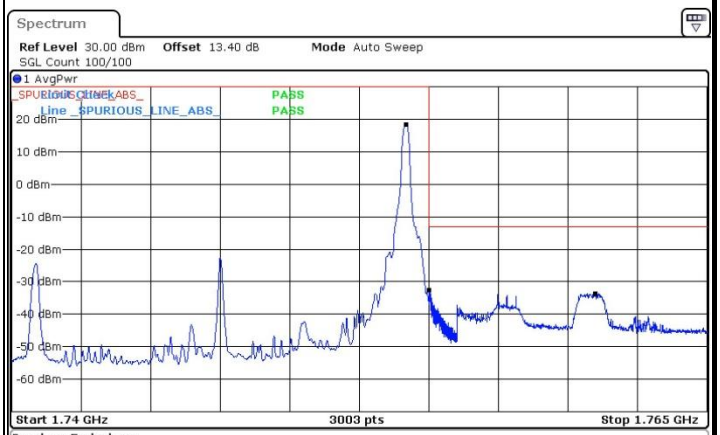


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70731 GHz	-33.58 dBm	-20.58 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70999 GHz	-30.83 dBm	-17.83 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71086 GHz	19.21 dBm	-10.79 dB

Date: 23.AUG.2015 10:58:39

Highest Band Edge / 1 RB

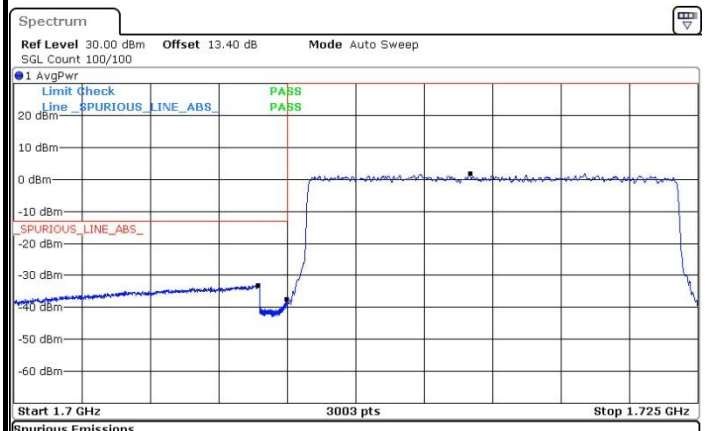


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.75418 GHz	18.37 dBm	-11.63 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75500 GHz	-32.56 dBm	-19.56 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76098 GHz	-33.57 dBm	-20.57 dB

Date: 23.AUG.2015 11:08:43

Lowest Band Edge / Full RB

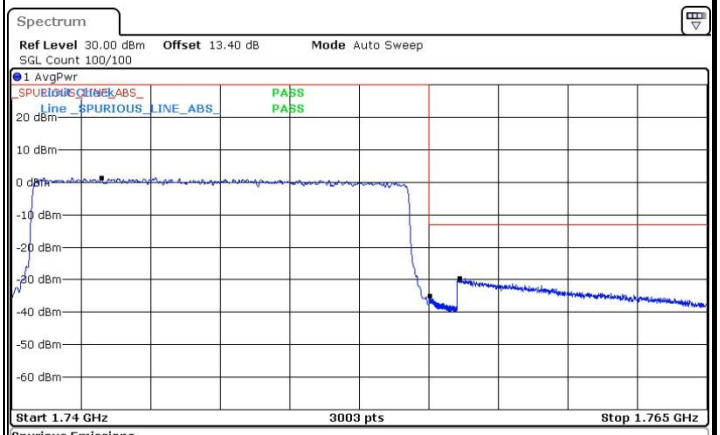


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-33.12 dBm	-20.12 dB
1.709 GHz	1.710 GHz	150.000 kHz	1.70997 GHz	-37.48 dBm	-24.48 dB
1.710 GHz	1.725 GHz	100.000 kHz	1.71666 GHz	1.83 dBm	-28.17 dB

Date: 23.AUG.2015 11:00:58

Highest Band Edge / Full RB



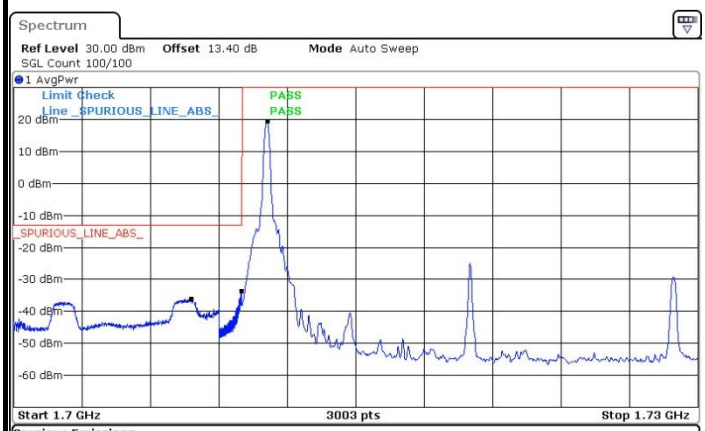
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.755 GHz	100.000 kHz	1.74323 GHz	1.32 dBm	-28.68 dB
1.755 GHz	1.756 GHz	150.000 kHz	1.75502 GHz	-35.00 dBm	-22.00 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75612 GHz	-29.58 dBm	-16.58 dB

Date: 23.AUG.2015 11:11:02

LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB

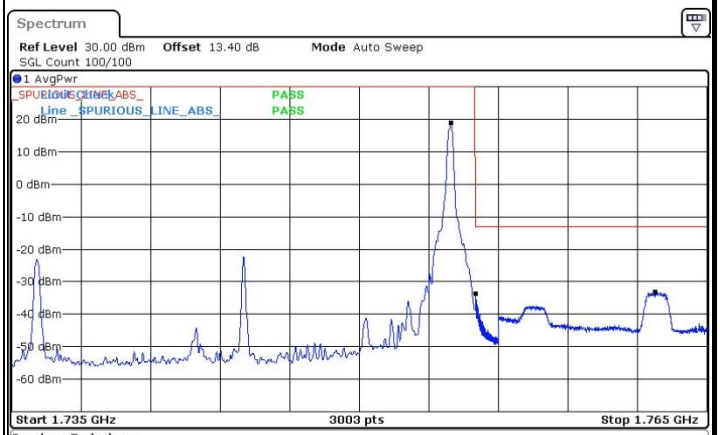


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70780 GHz	-36.02 dBm	-23.02 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-33.55 dBm	-20.55 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	19.49 dBm	-10.51 dB

Date: 23.AUG.2015 11:14:54

Highest Band Edge / 1 RB

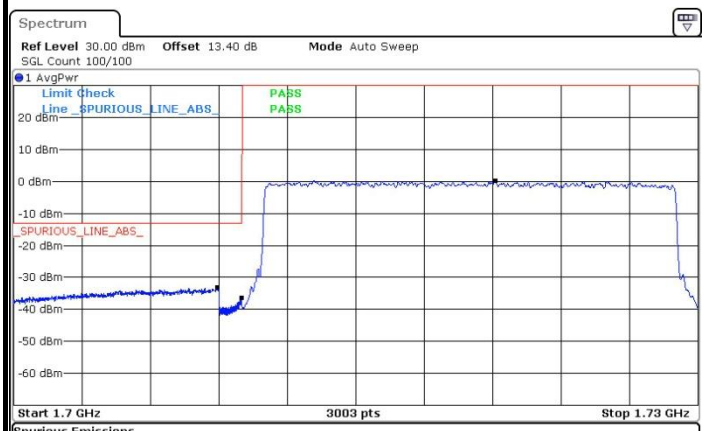


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75393 GHz	18.84 dBm	-11.16 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-33.62 dBm	-20.62 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76274 GHz	-33.18 dBm	-20.18 dB

Date: 23.AUG.2015 11:24:58

Lowest Band Edge / Full RB

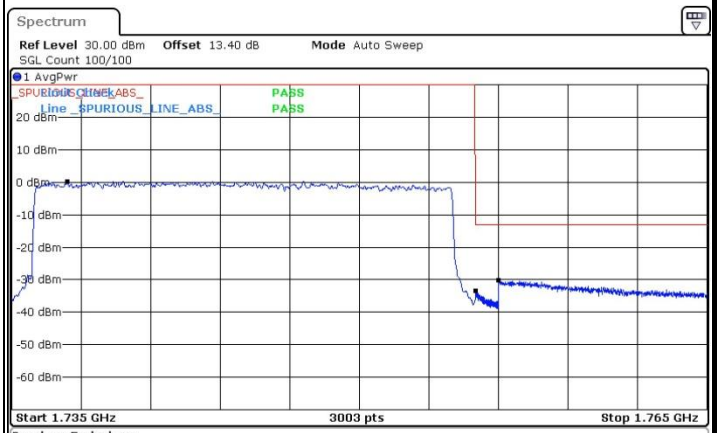


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-33.15 dBm	-20.15 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-36.27 dBm	-23.27 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72112 GHz	0.24 dBm	-29.76 dB

Date: 23.AUG.2015 11:17:13

Highest Band Edge / Full RB



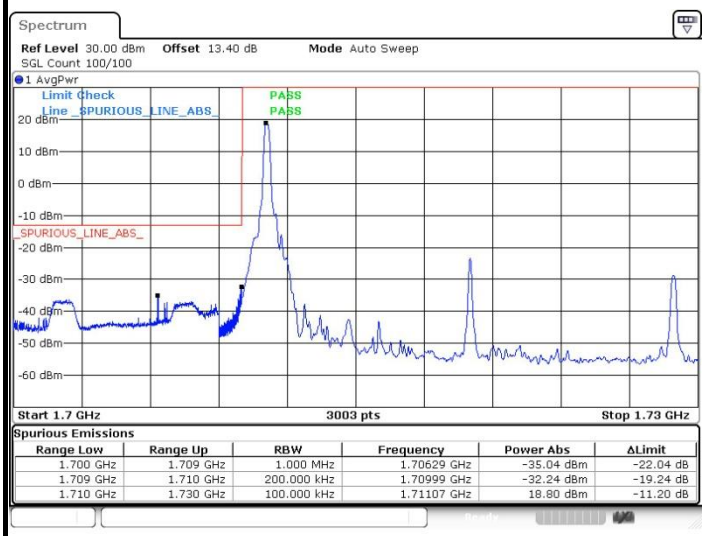
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73741 GHz	0.32 dBm	-29.68 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75501 GHz	-33.53 dBm	-20.53 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75600 GHz	-30.15 dBm	-17.15 dB

Date: 23.AUG.2015 11:27:16

LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

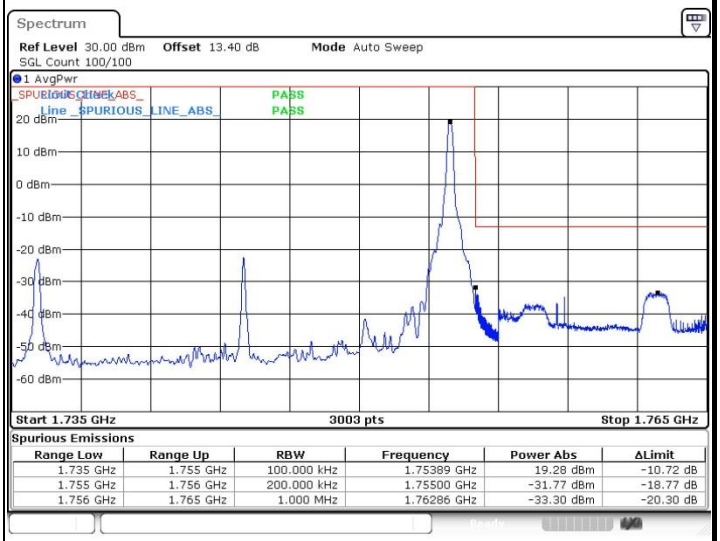


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70629 GHz	-35.04 dBm	-22.04 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-32.24 dBm	-19.24 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71107 GHz	18.80 dBm	-11.20 dB

Date: 23.AUG.2015 11:16:03

Highest Band Edge / 1 RB

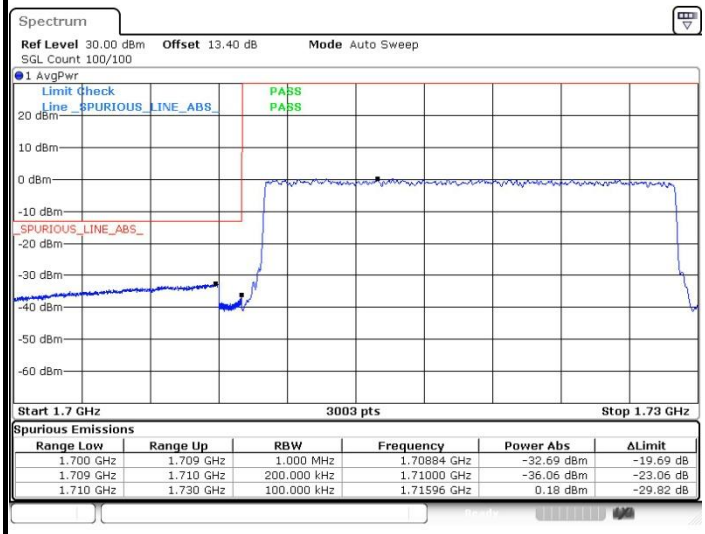


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.75389 GHz	19.28 dBm	-10.72 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75500 GHz	-31.77 dBm	-18.77 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.76286 GHz	-33.30 dBm	-20.30 dB

Date: 23.AUG.2015 11:26:07

Lowest Band Edge / Full RB

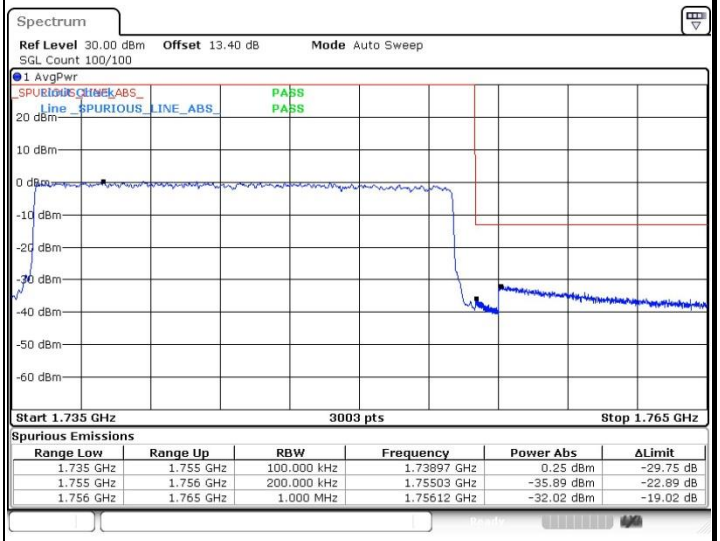


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70884 GHz	-32.69 dBm	-19.69 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-36.06 dBm	-23.06 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71596 GHz	0.18 dBm	-29.82 dB

Date: 23.AUG.2015 11:18:22

Highest Band Edge / Full RB



Spurious Emissions

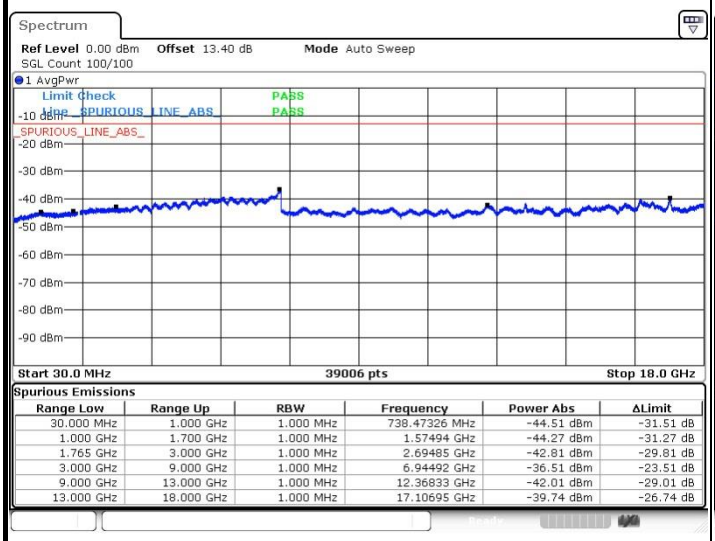
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.735 GHz	1.755 GHz	100.000 kHz	1.73897 GHz	0.25 dBm	-29.75 dB
1.755 GHz	1.756 GHz	200.000 kHz	1.75503 GHz	-35.89 dBm	-22.89 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75612 GHz	-32.02 dBm	-19.02 dB

Date: 23.AUG.2015 11:28:26

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

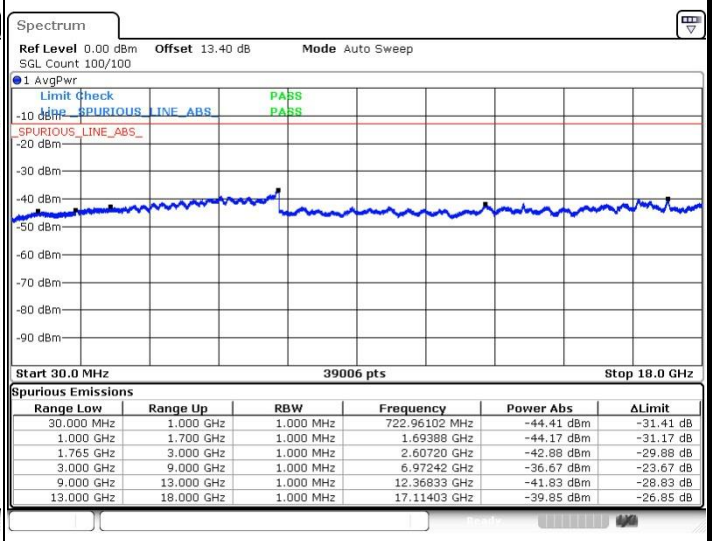


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	738.47326 MHz	-44.51 dBm	-31.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.57494 GHz	-44.27 dBm	-31.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69485 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94492 GHz	-36.51 dBm	-23.51 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36833 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10695 GHz	-39.74 dBm	-26.74 dB

Date: 23.AUG.2015 11:55:32

Lowest Channel / 16QAM

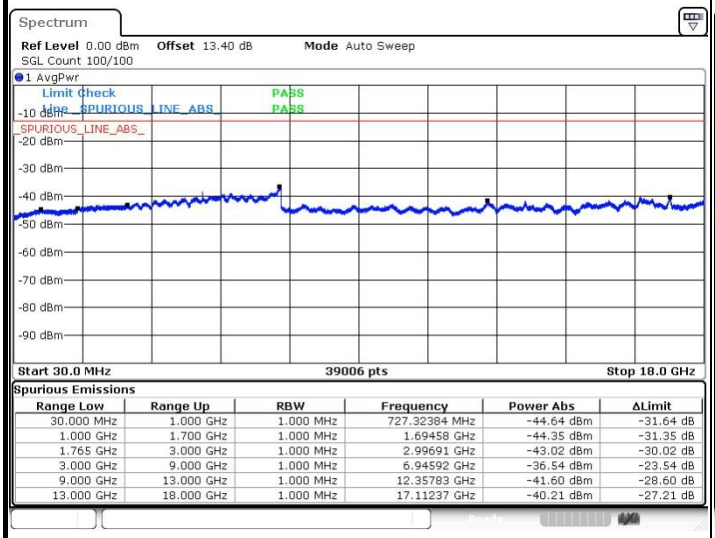


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	722.96102 MHz	-44.41 dBm	-31.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-44.17 dBm	-31.17 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.60720 GHz	-42.88 dBm	-29.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97242 GHz	-36.67 dBm	-23.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36833 GHz	-41.83 dBm	-28.83 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11403 GHz	-39.85 dBm	-26.85 dB

Date: 23.AUG.2015 11:56:30

Middle Channel / QPSK

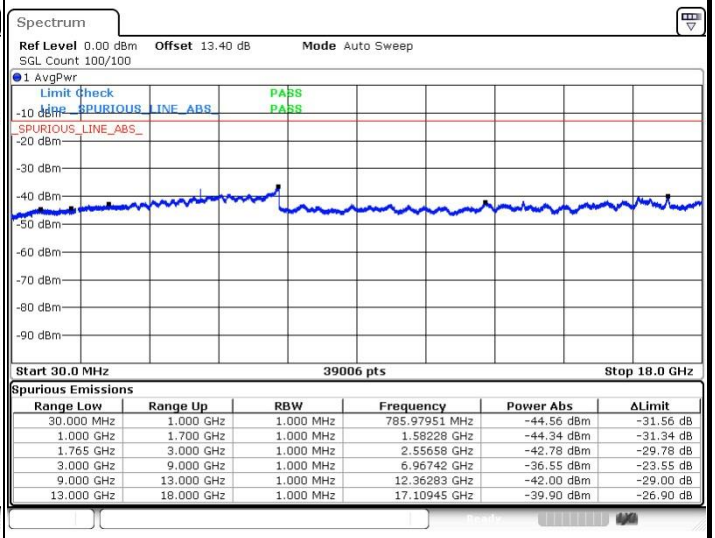


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	727.32384 MHz	-44.64 dBm	-31.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-44.35 dBm	-31.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99691 GHz	-43.02 dBm	-30.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94592 GHz	-36.54 dBm	-23.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35783 GHz	-41.60 dBm	-28.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11237 GHz	-40.21 dBm	-27.21 dB

Date: 23.AUG.2015 12:58:05

Middle Channel / 16QAM



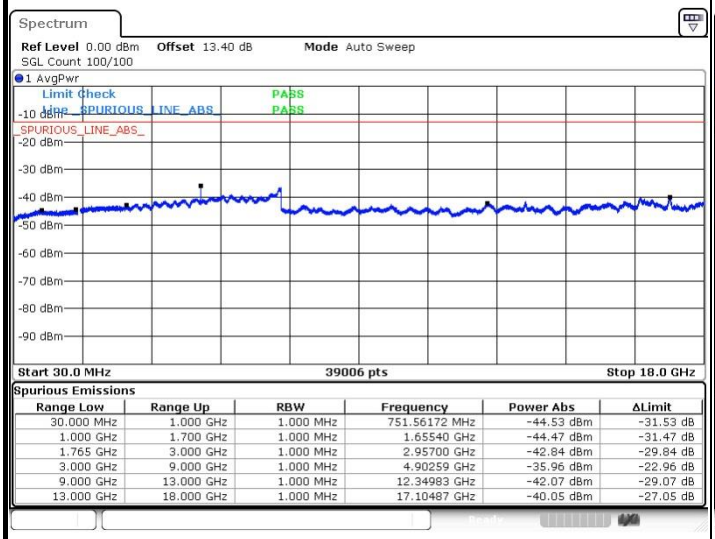
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	785.97951 MHz	-44.56 dBm	-31.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.58228 GHz	-44.34 dBm	-31.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.55658 GHz	-42.78 dBm	-29.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96742 GHz	-36.55 dBm	-23.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36283 GHz	-42.00 dBm	-29.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10945 GHz	-39.90 dBm	-26.90 dB

Date: 23.AUG.2015 12:02:42

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

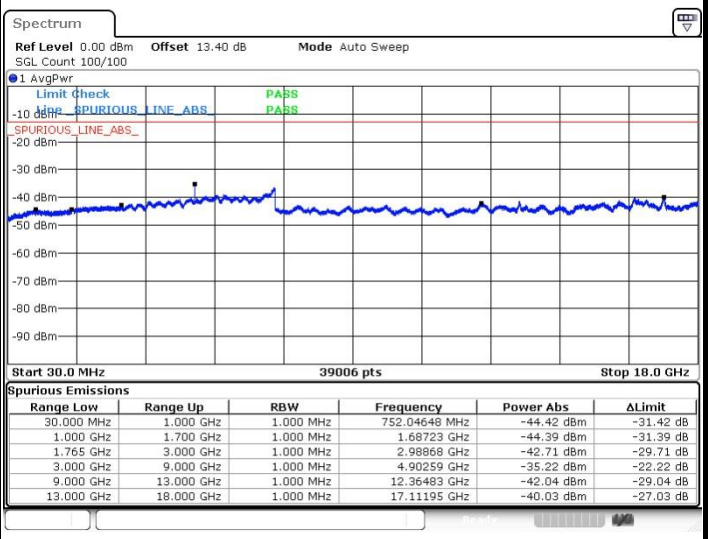


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	751.56172 MHz	-44.53 dBm	-31.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65540 GHz	-44.47 dBm	-31.47 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95700 GHz	-42.84 dBm	-29.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90259 GHz	-35.96 dBm	-22.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34983 GHz	-42.07 dBm	-29.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10487 GHz	-40.05 dBm	-27.05 dB

Date: 23.AUG.2015 12:09:05

Highest Channel / 16QAM



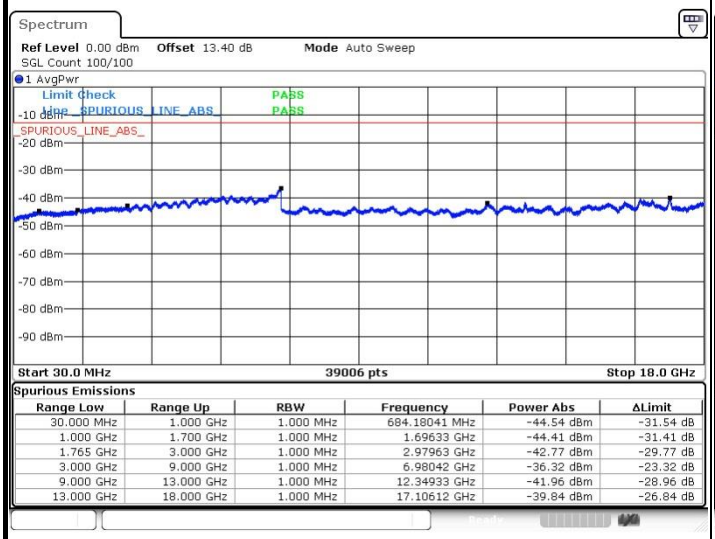
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	752.04648 MHz	-44.42 dBm	-31.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68723 GHz	-44.39 dBm	-31.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98868 GHz	-42.71 dBm	-29.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90259 GHz	-35.22 dBm	-22.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36483 GHz	-42.04 dBm	-29.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11195 GHz	-40.03 dBm	-27.03 dB

Date: 23.AUG.2015 12:10:02

LTE Band 4 / 3MHz

Lowest Channel / QPSK

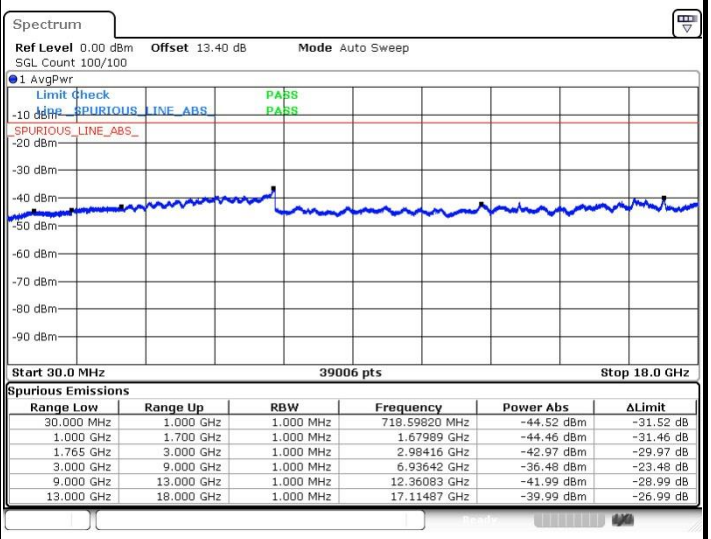


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	684.18041 MHz	-44.54 dBm	-31.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-44.41 dBm	-31.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97963 GHz	-42.77 dBm	-29.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98042 GHz	-36.32 dBm	-23.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34933 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10612 GHz	-39.84 dBm	-26.84 dB

Date: 23.AUG.2015 10:09:40

Lowest Channel / 16QAM



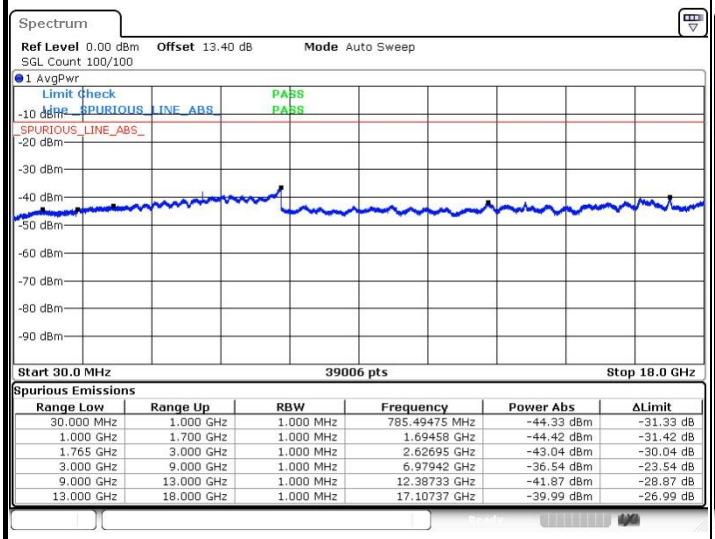
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	718.59820 MHz	-44.52 dBm	-31.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-44.46 dBm	-31.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98416 GHz	-42.97 dBm	-29.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93642 GHz	-36.48 dBm	-23.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36083 GHz	-41.99 dBm	-28.99 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11487 GHz	-39.99 dBm	-26.99 dB

Date: 23.AUG.2015 10:10:38

LTE Band 4 / 3MHz

Middle Channel / QPSK

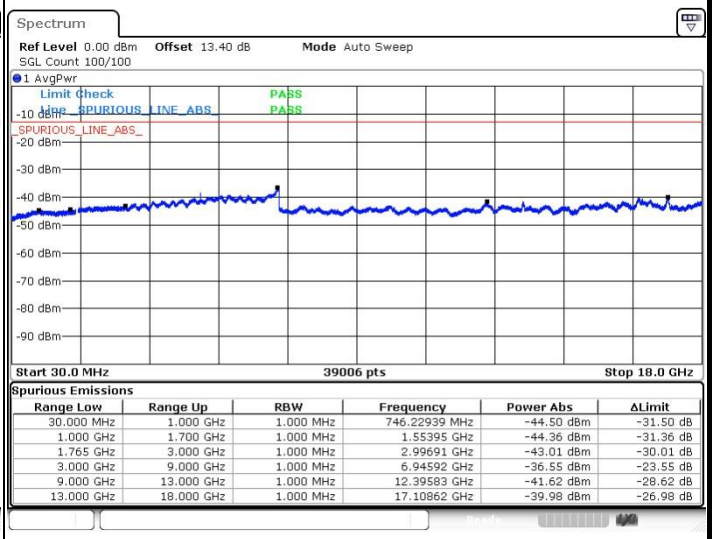


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	785.49475 MHz	-44.33 dBm	-31.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-44.42 dBm	-31.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.62695 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97942 GHz	-36.54 dBm	-23.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38733 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10737 GHz	-39.99 dBm	-26.99 dB

Date: 23.AUG.2015 10:12:23

Middle Channel / 16QAM

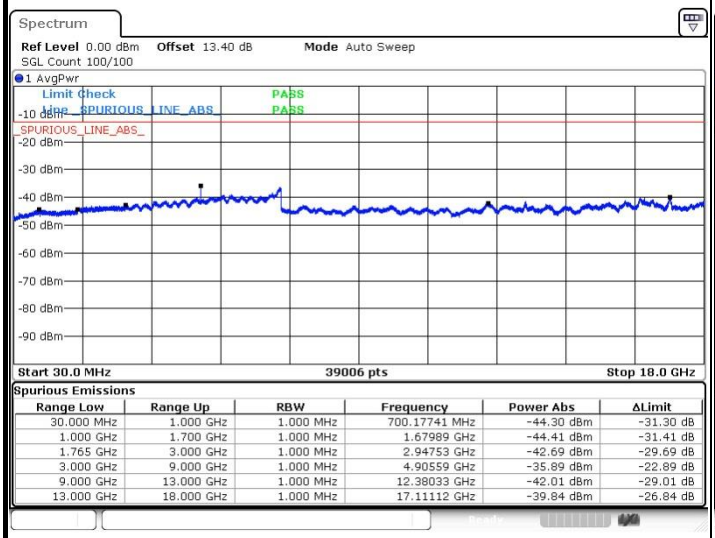


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	746.22939 MHz	-44.50 dBm	-31.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55395 GHz	-44.36 dBm	-31.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99691 GHz	-43.01 dBm	-30.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94592 GHz	-36.55 dBm	-23.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39583 GHz	-41.62 dBm	-28.62 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10862 GHz	-39.98 dBm	-26.98 dB

Date: 23.AUG.2015 10:13:21

Highest Channel / QPSK

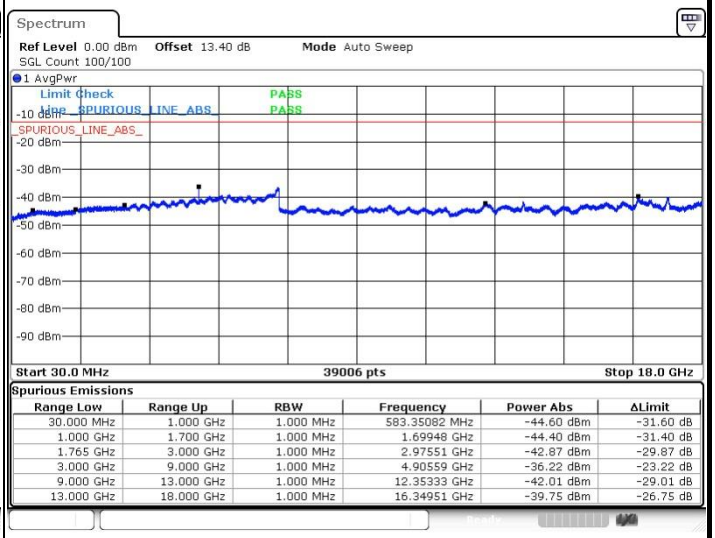


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	700.17741 MHz	-44.30 dBm	-31.30 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-44.41 dBm	-31.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94753 GHz	-42.69 dBm	-29.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90559 GHz	-35.89 dBm	-22.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38033 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11112 GHz	-39.84 dBm	-26.84 dB

Date: 23.AUG.2015 10:19:44

Highest Channel / 16QAM



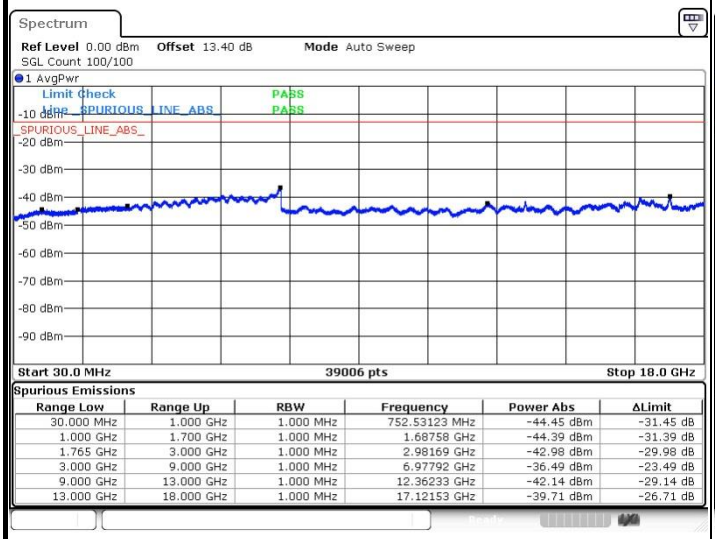
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	583.35082 MHz	-44.60 dBm	-31.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.40 dBm	-31.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97551 GHz	-42.87 dBm	-29.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90559 GHz	-36.22 dBm	-23.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35333 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34951 GHz	-39.75 dBm	-26.75 dB

Date: 23.AUG.2015 10:20:42

LTE Band 4 / 5MHz

Lowest Channel / QPSK

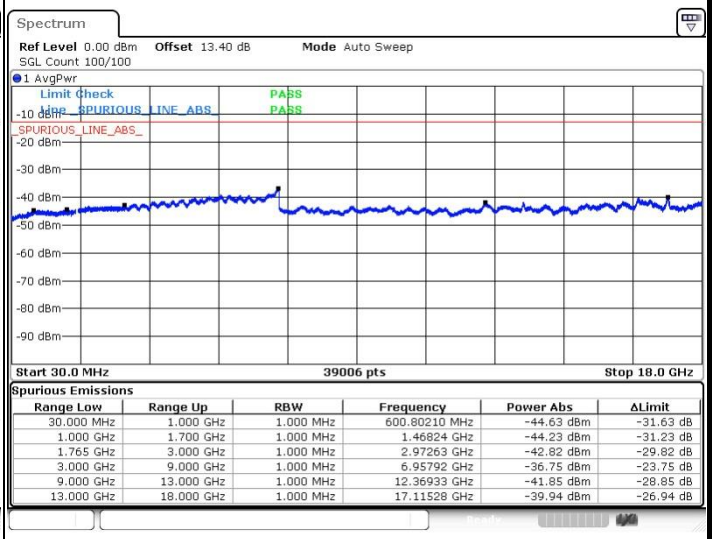


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	752.53123 MHz	-44.45 dBm	-31.45 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68758 GHz	-44.39 dBm	-31.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98169 GHz	-42.98 dBm	-29.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97792 GHz	-36.49 dBm	-23.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36233 GHz	-42.14 dBm	-29.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.12153 GHz	-39.71 dBm	-26.71 dB

Date: 23.AUG.2015 10:27:05

Lowest Channel / 16QAM

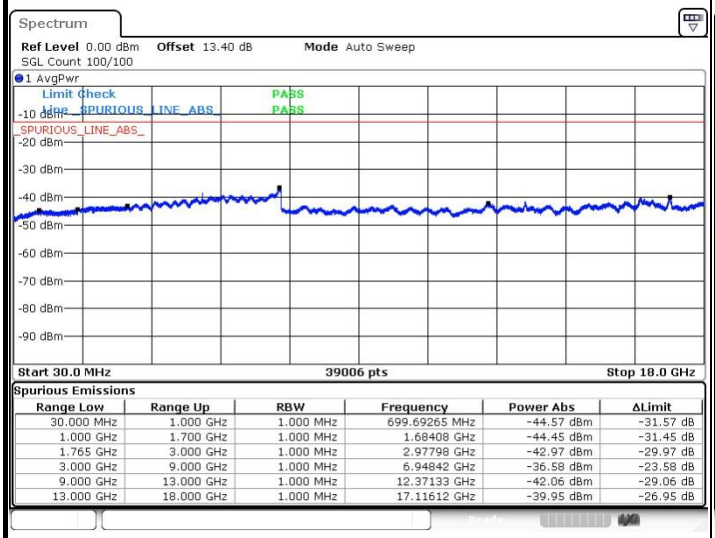


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	600.80210 MHz	-44.63 dBm	-31.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.46824 GHz	-44.23 dBm	-31.23 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97263 GHz	-42.82 dBm	-29.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95792 GHz	-36.75 dBm	-23.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36933 GHz	-41.85 dBm	-28.85 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11528 GHz	-39.94 dBm	-26.94 dB

Date: 23.AUG.2015 10:28:03

Middle Channel / QPSK

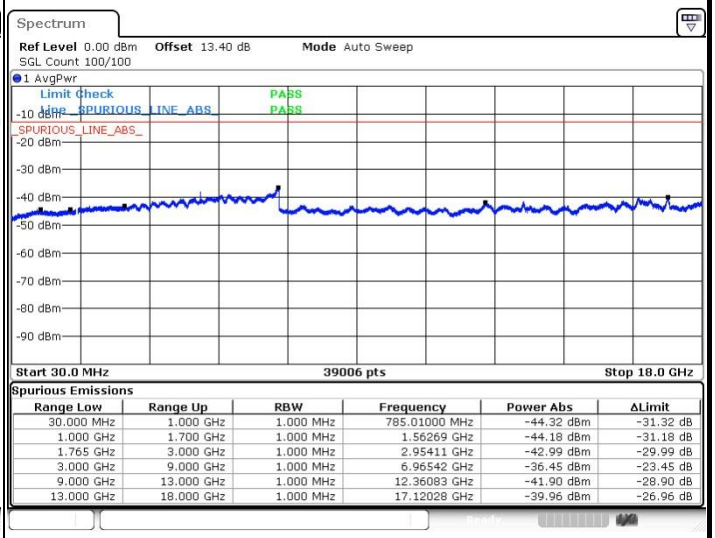


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	699.69265 MHz	-44.57 dBm	-31.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68408 GHz	-44.45 dBm	-31.45 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97798 GHz	-42.97 dBm	-29.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94842 GHz	-36.58 dBm	-23.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37133 GHz	-42.06 dBm	-29.06 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11612 GHz	-39.95 dBm	-26.95 dB

Date: 23.AUG.2015 10:29:48

Middle Channel / 16QAM



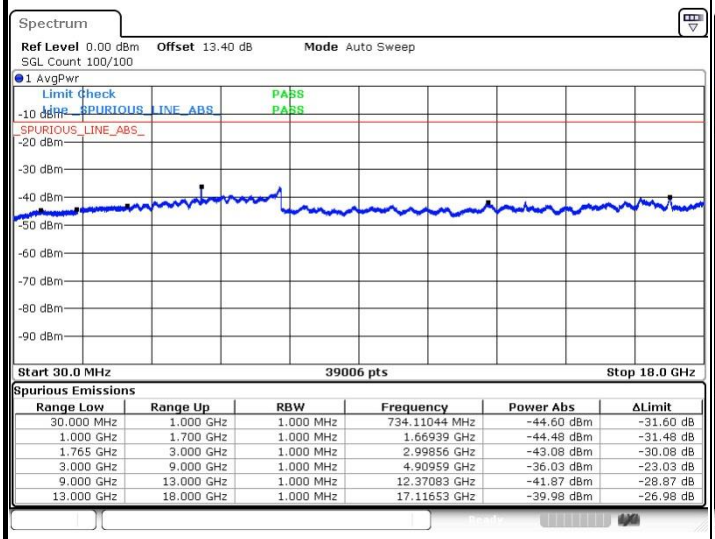
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	785.01000 MHz	-44.32 dBm	-31.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56269 GHz	-44.18 dBm	-31.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95411 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96542 GHz	-36.45 dBm	-23.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36083 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.12028 GHz	-39.96 dBm	-26.96 dB

Date: 23.AUG.2015 10:30:47

LTE Band 4 / 5MHz

Highest Channel / QPSK

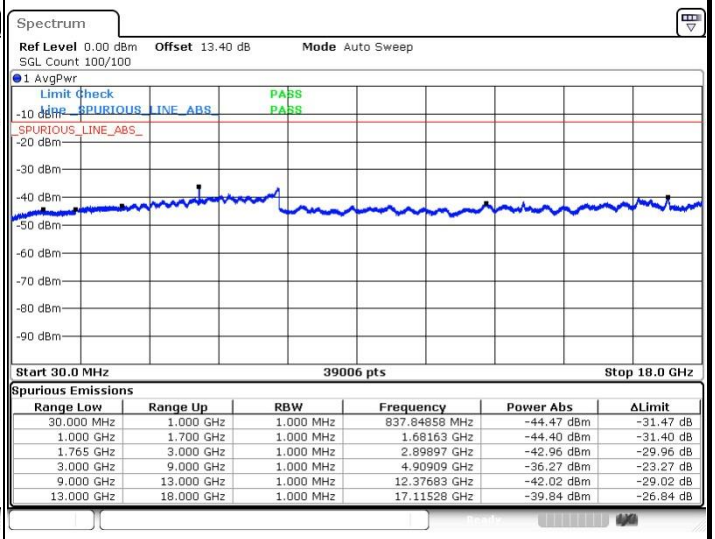


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	734.11044 MHz	-44.60 dBm	-31.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66939 GHz	-44.48 dBm	-31.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99856 GHz	-43.08 dBm	-30.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90959 GHz	-36.03 dBm	-23.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37083 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11653 GHz	-39.98 dBm	-26.98 dB

Date: 23.AUG.2015 10:37:10

Highest Channel / 16QAM



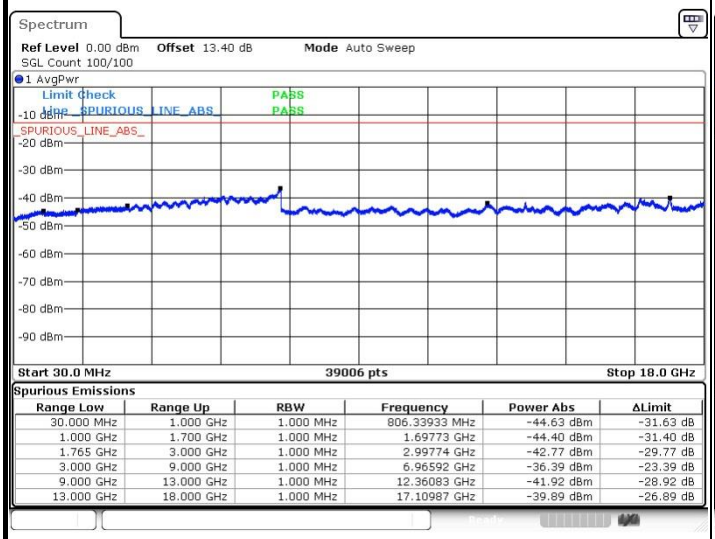
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	837.84858 MHz	-44.47 dBm	-31.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68163 GHz	-44.40 dBm	-31.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.89897 GHz	-42.96 dBm	-29.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90909 GHz	-36.27 dBm	-23.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37683 GHz	-42.02 dBm	-29.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11528 GHz	-39.84 dBm	-26.84 dB

Date: 23.AUG.2015 10:38:08

LTE Band 4 / 10MHz

Lowest Channel / QPSK

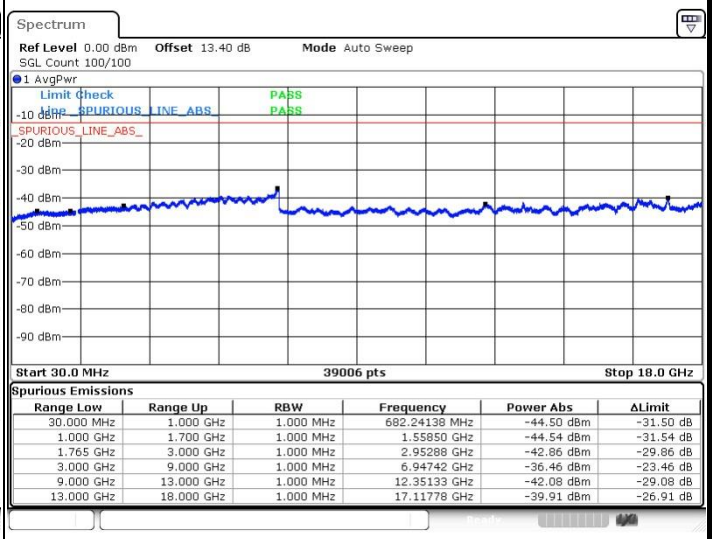


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	806.33933 MHz	-44.63 dBm	-31.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-44.40 dBm	-31.40 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99774 GHz	-42.77 dBm	-29.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96592 GHz	-36.39 dBm	-23.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36083 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10987 GHz	-39.89 dBm	-26.89 dB

Date: 23.AUG.2015 10:44:31

Lowest Channel / 16QAM



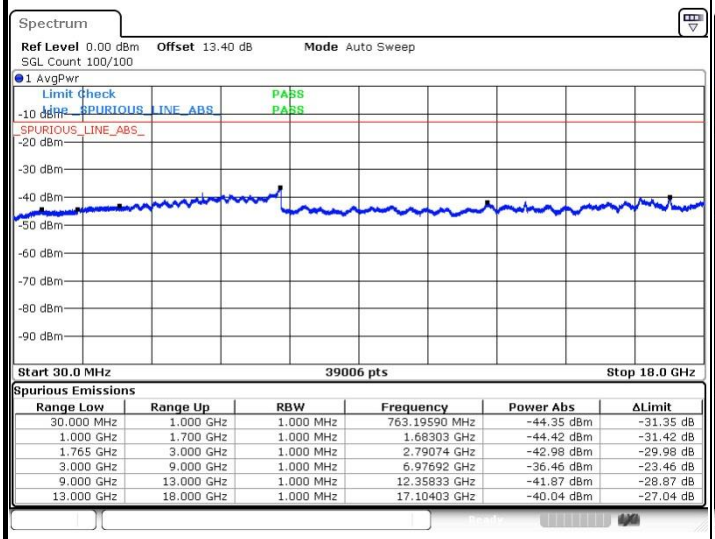
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	682.24138 MHz	-44.50 dBm	-31.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.55850 GHz	-44.54 dBm	-31.54 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.95288 GHz	-42.86 dBm	-29.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94742 GHz	-36.46 dBm	-23.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35133 GHz	-42.08 dBm	-29.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11778 GHz	-39.91 dBm	-26.91 dB

Date: 23.AUG.2015 10:45:29

LTE Band 4 / 10MHz

Middle Channel / QPSK

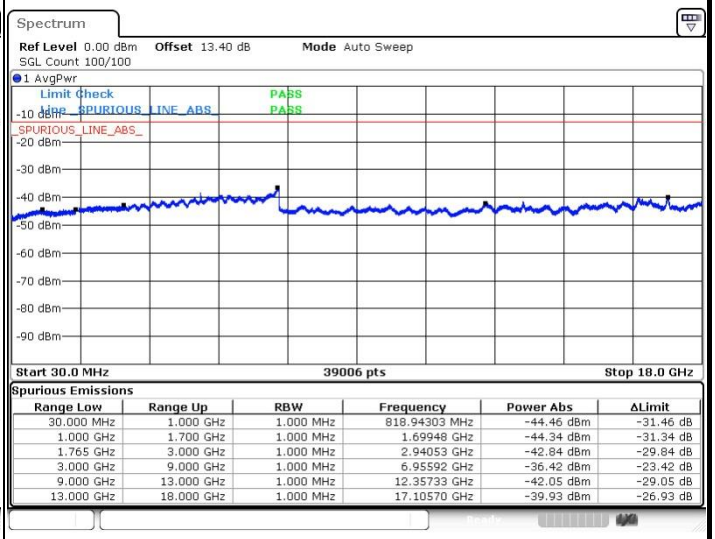


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	763.19590 MHz	-44.35 dBm	-31.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68303 GHz	-44.42 dBm	-31.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79074 GHz	-42.98 dBm	-29.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97692 GHz	-36.46 dBm	-23.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35833 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10403 GHz	-40.04 dBm	-27.04 dB

Date: 23.AUG.2015 10:47:14

Middle Channel / 16QAM

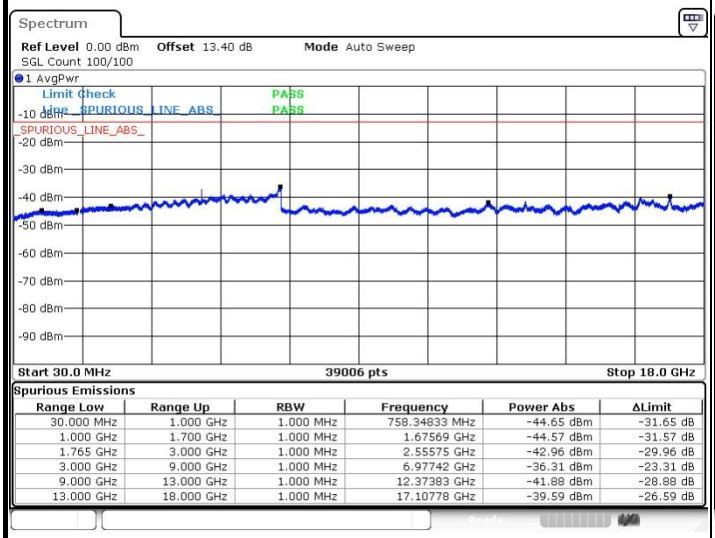


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	818.94303 MHz	-44.46 dBm	-31.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-44.34 dBm	-31.34 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.94053 GHz	-42.84 dBm	-29.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95592 GHz	-36.42 dBm	-23.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35733 GHz	-42.05 dBm	-29.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10570 GHz	-39.93 dBm	-26.93 dB

Date: 23.AUG.2015 10:48:12

Highest Channel / QPSK

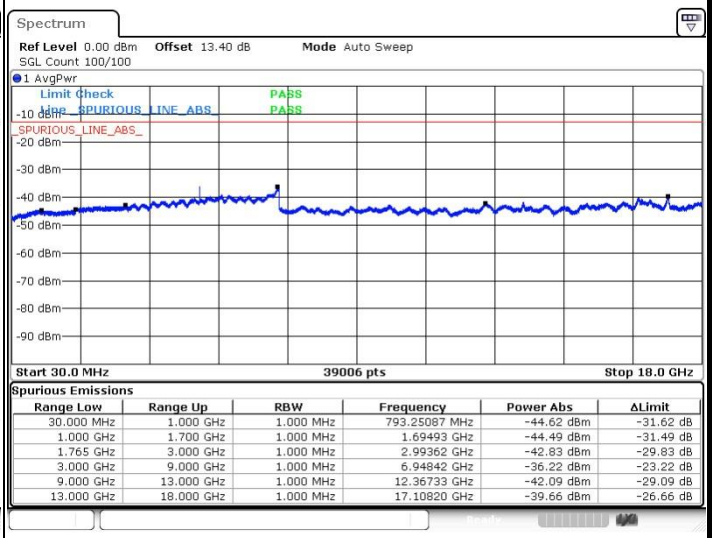


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	758.34833 MHz	-44.65 dBm	-31.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-44.57 dBm	-31.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.55575 GHz	-42.96 dBm	-29.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97742 GHz	-36.31 dBm	-23.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37383 GHz	-41.88 dBm	-28.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10778 GHz	-39.59 dBm	-26.59 dB

Date: 23.AUG.2015 10:54:35

Highest Channel / 16QAM



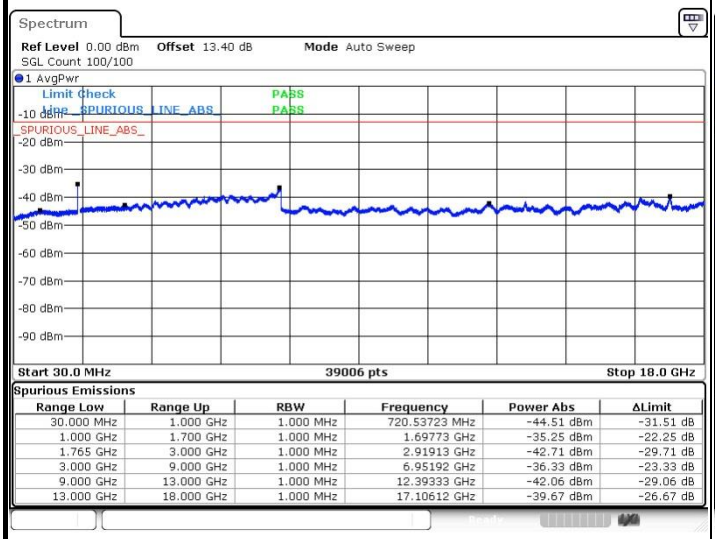
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	793.25087 MHz	-44.62 dBm	-31.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69493 GHz	-44.49 dBm	-31.49 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99362 GHz	-42.83 dBm	-29.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94842 GHz	-36.22 dBm	-23.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36733 GHz	-42.09 dBm	-29.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10820 GHz	-39.66 dBm	-26.66 dB

Date: 23.AUG.2015 10:55:32

LTE Band 4 / 15MHz

Lowest Channel / QPSK

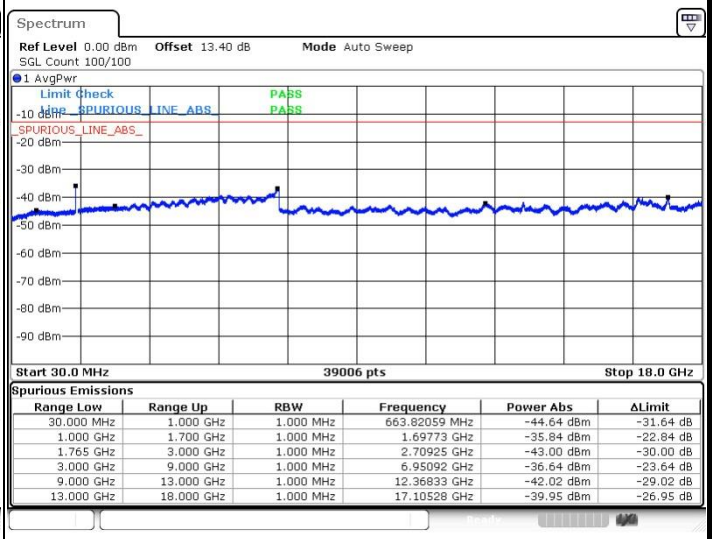


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	720.53723 MHz	-44.51 dBm	-31.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-35.25 dBm	-22.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.91913 GHz	-42.71 dBm	-29.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95192 GHz	-36.33 dBm	-23.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39333 GHz	-42.06 dBm	-29.06 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10612 GHz	-39.67 dBm	-26.67 dB

Date: 23.AUG.2015 11:01:55

Lowest Channel / 16QAM

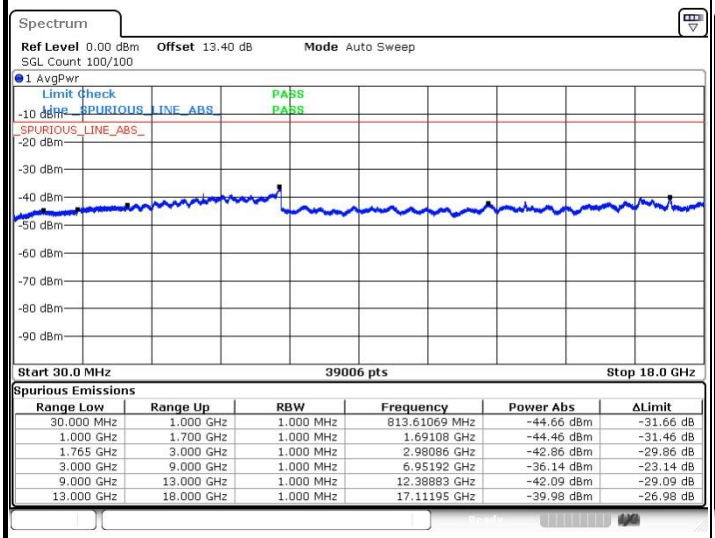


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	663.82059 MHz	-44.64 dBm	-31.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-35.84 dBm	-22.84 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.70925 GHz	-43.00 dBm	-30.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95092 GHz	-36.64 dBm	-23.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36833 GHz	-42.02 dBm	-29.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10528 GHz	-39.95 dBm	-26.95 dB

Date: 23.AUG.2015 11:02:53

Middle Channel / QPSK

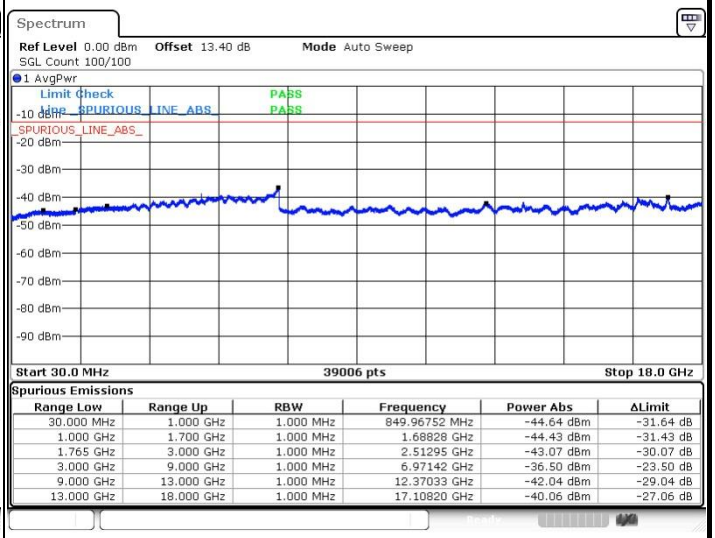


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	813.61069 MHz	-44.66 dBm	-31.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69108 GHz	-44.46 dBm	-31.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98086 GHz	-42.86 dBm	-29.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95192 GHz	-36.14 dBm	-23.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38883 GHz	-42.09 dBm	-29.09 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11195 GHz	-39.98 dBm	-26.98 dB

Date: 23.AUG.2015 11:04:38

Middle Channel / 16QAM



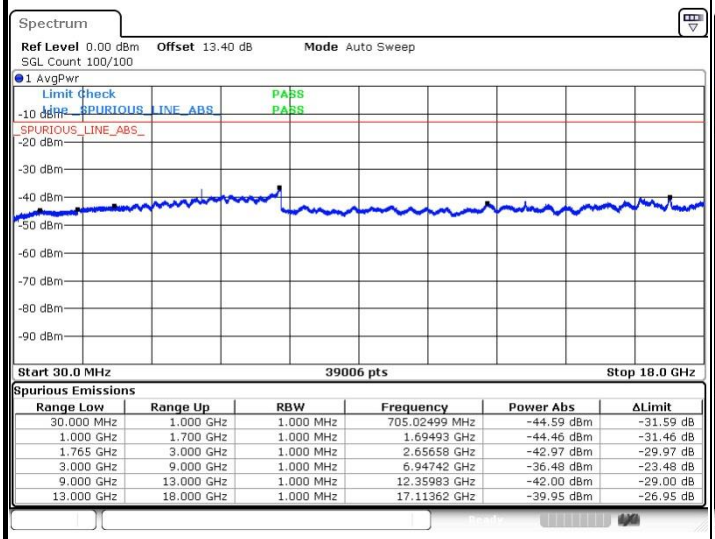
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-44.64 dBm	-31.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-44.43 dBm	-31.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.51295 GHz	-43.07 dBm	-30.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97142 GHz	-36.50 dBm	-23.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37033 GHz	-42.04 dBm	-29.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10820 GHz	-40.06 dBm	-27.06 dB

Date: 23.AUG.2015 11:05:36

LTE Band 4 / 15MHz

Highest Channel / QPSK

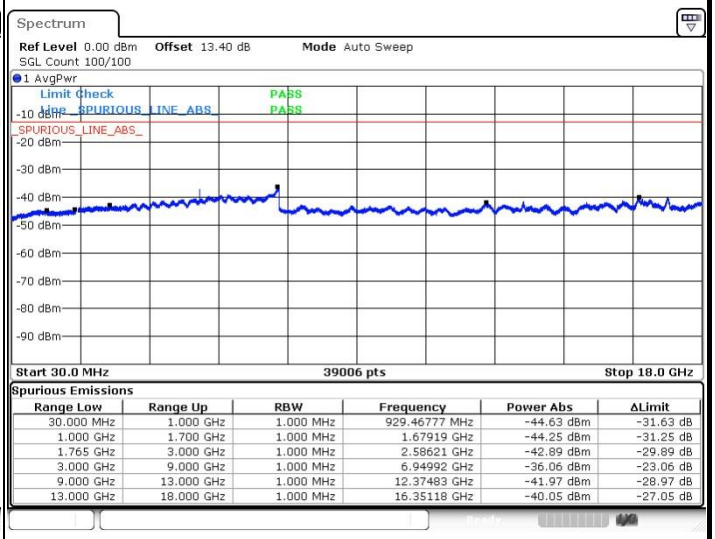


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	705.02499 MHz	-44.59 dBm	-31.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69493 GHz	-44.46 dBm	-31.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65658 GHz	-42.97 dBm	-29.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94742 GHz	-36.48 dBm	-23.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35983 GHz	-42.00 dBm	-29.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11362 GHz	-39.95 dBm	-26.95 dB

Date: 23.AUG.2015 11:11:59

Highest Channel / 16QAM



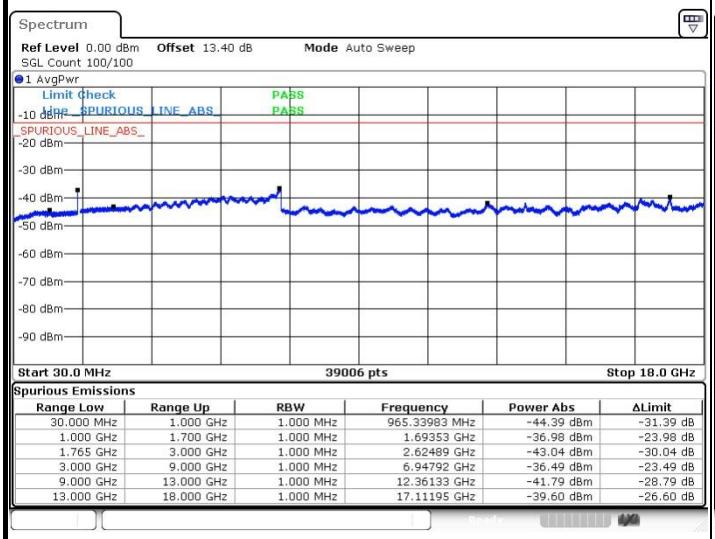
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-44.63 dBm	-31.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67919 GHz	-44.25 dBm	-31.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.58621 GHz	-42.89 dBm	-29.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94992 GHz	-36.06 dBm	-23.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37483 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.35118 GHz	-40.05 dBm	-27.05 dB

Date: 23.AUG.2015 11:12:57

LTE Band 4 / 20MHz

Lowest Channel / QPSK

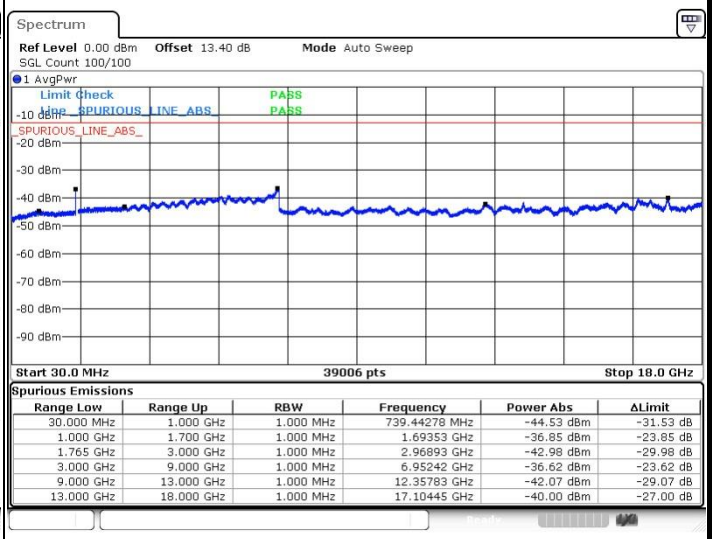


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-44.39 dBm	-31.39 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-36.98 dBm	-23.98 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.62489 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94792 GHz	-36.49 dBm	-23.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36133 GHz	-41.79 dBm	-28.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11195 GHz	-39.60 dBm	-26.60 dB

Date: 23.AUG.2015 11:19:19

Lowest Channel / 16QAM



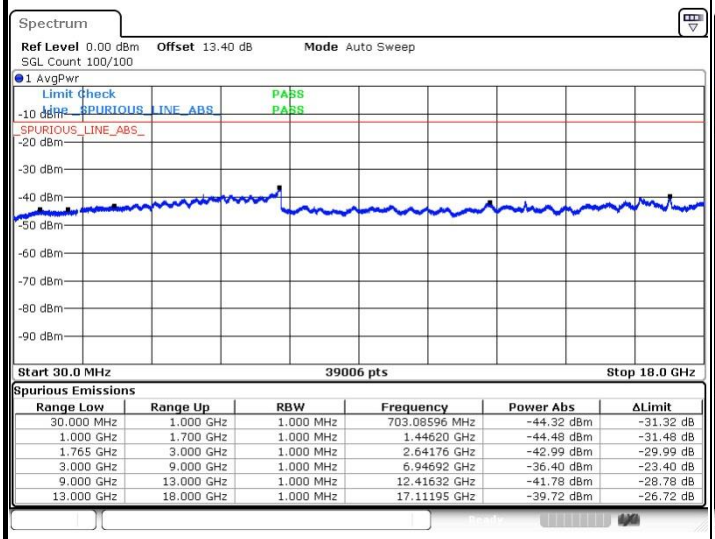
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	739.44278 MHz	-44.53 dBm	-31.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-36.85 dBm	-23.85 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96893 GHz	-42.98 dBm	-29.98 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95242 GHz	-36.62 dBm	-23.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35783 GHz	-42.07 dBm	-29.07 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10445 GHz	-40.00 dBm	-27.00 dB

Date: 23.AUG.2015 11:20:17

LTE Band 4 / 20MHz

Middle Channel / QPSK

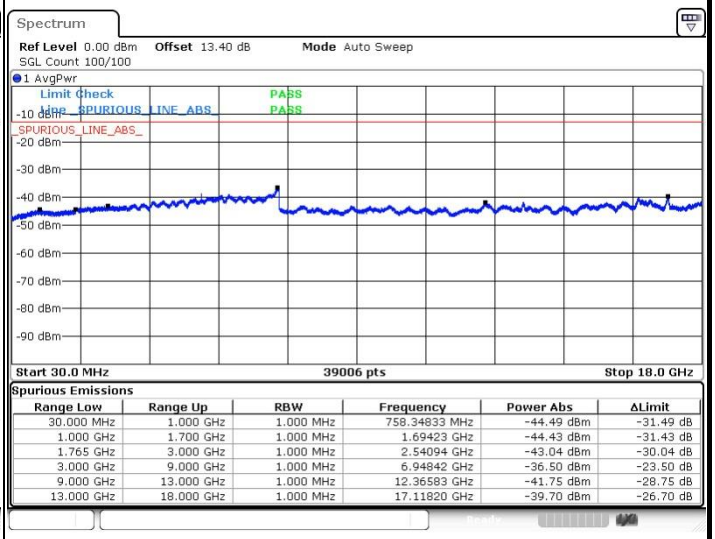


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	703.08596 MHz	-44.32 dBm	-31.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.44620 GHz	-44.48 dBm	-31.48 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.64176 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94692 GHz	-36.40 dBm	-23.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41632 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11195 GHz	-39.72 dBm	-26.72 dB

Date: 23.AUG.2015 11:22:02

Middle Channel / 16QAM

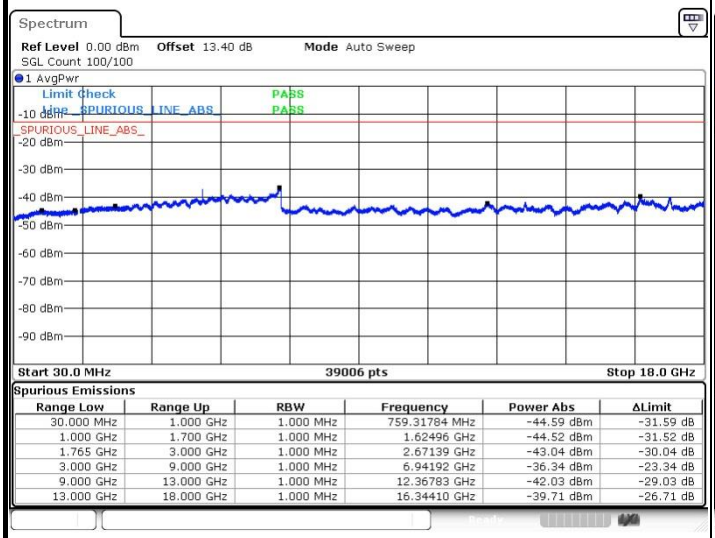


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	758.34833 MHz	-44.49 dBm	-31.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-44.43 dBm	-31.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.54094 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94842 GHz	-36.50 dBm	-23.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36583 GHz	-41.75 dBm	-28.75 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11820 GHz	-39.70 dBm	-26.70 dB

Date: 23.AUG.2015 11:23:00

Highest Channel / QPSK

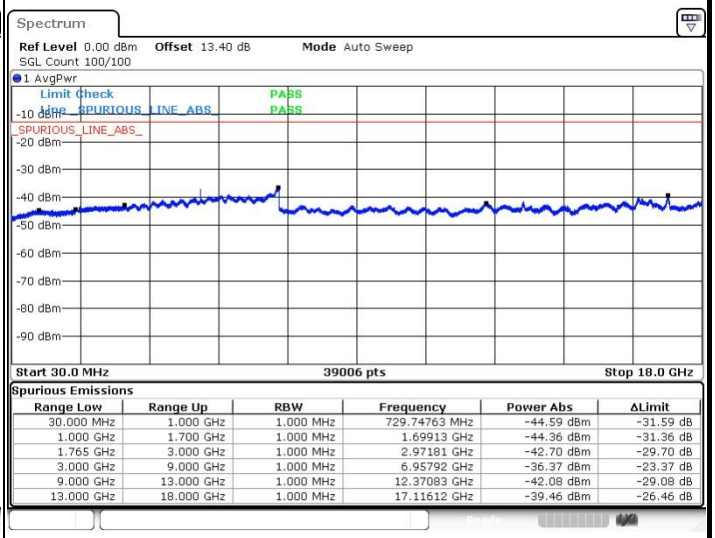


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	759.31784 MHz	-44.59 dBm	-31.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62496 GHz	-44.52 dBm	-31.52 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67139 GHz	-43.04 dBm	-30.04 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94192 GHz	-36.34 dBm	-23.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36783 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34410 GHz	-39.71 dBm	-26.71 dB

Date: 23.AUG.2015 11:29:23

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	729.74763 MHz	-44.59 dBm	-31.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-44.36 dBm	-31.36 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97181 GHz	-42.70 dBm	-29.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95792 GHz	-36.37 dBm	-23.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37083 GHz	-42.08 dBm	-29.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11612 GHz	-39.46 dBm	-26.46 dB

Date: 23.AUG.2015 11:30:21

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	0.0070	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0067	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0064	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0070	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.2 V

2. The frequency fundamental emissions stay within the authorized frequency block.