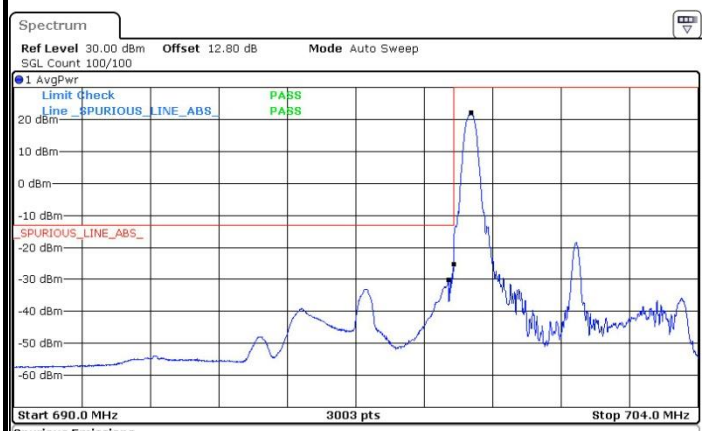
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

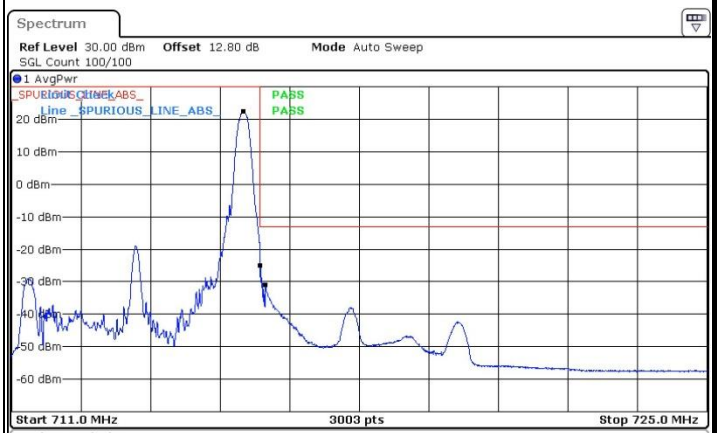


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.06 dBm	-17.06 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99805 MHz	-25.19 dBm	-12.19 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.35714 MHz	22.14 dBm	-7.86 dB

Date: 23.AUG.2015 15:37:26

Highest Band Edge / 1 RB

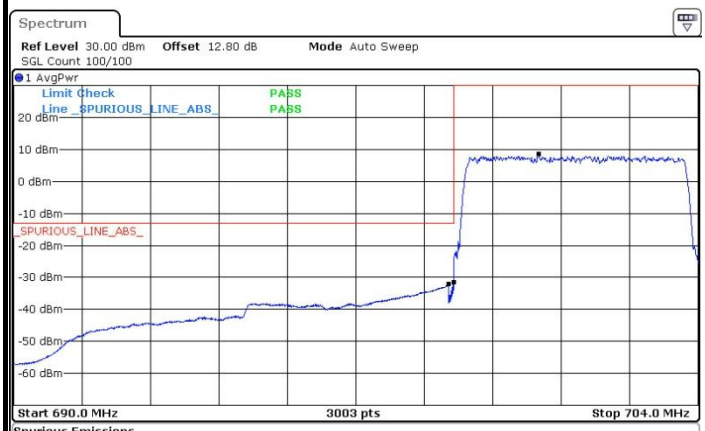


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65285 MHz	22.49 dBm	-7.51 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-24.91 dBm	-11.91 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.07 dBm	-18.07 dB

Date: 23.AUG.2015 15:48:35

Lowest Band Edge / Full RB

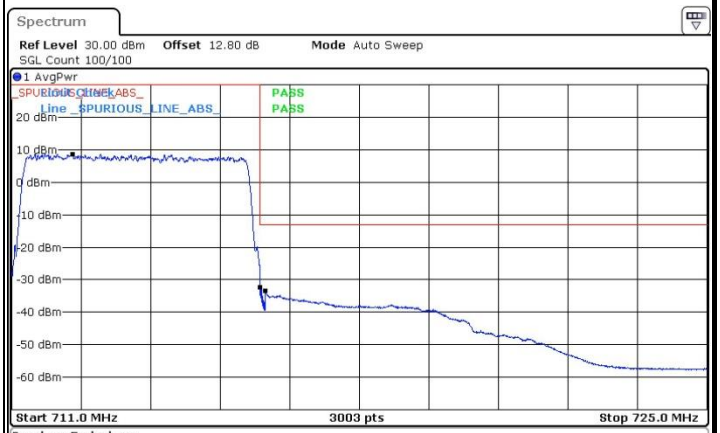


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.94 dBm	-18.94 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-31.46 dBm	-18.46 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.74076 MHz	8.46 dBm	-21.54 dB

Date: 23.AUG.2015 15:31:43

Highest Band Edge / Full RB



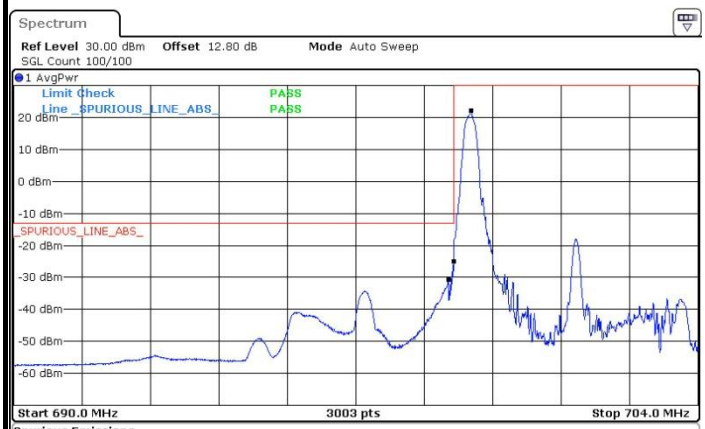
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.21628 MHz	8.70 dBm	-21.30 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-32.23 dBm	-19.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.53 dBm	-20.53 dB

Date: 23.AUG.2015 15:44:46

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

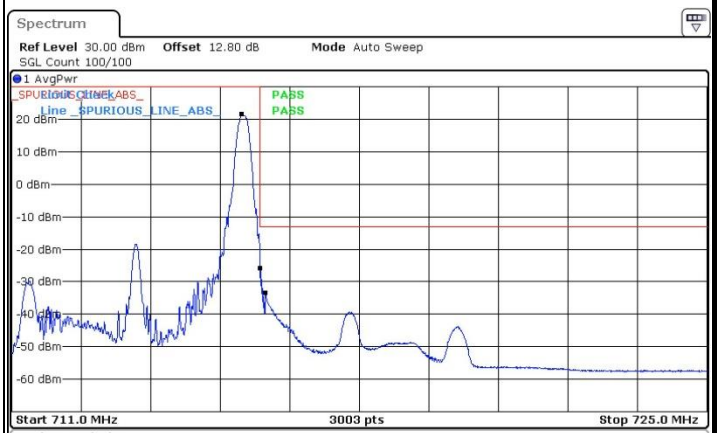


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.77 dBm	-17.77 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-25.09 dBm	-12.09 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.35215 MHz	22.11 dBm	-7.89 dB

Date: 23.AUG.2015 15:35:32

Highest Band Edge / 1 RB

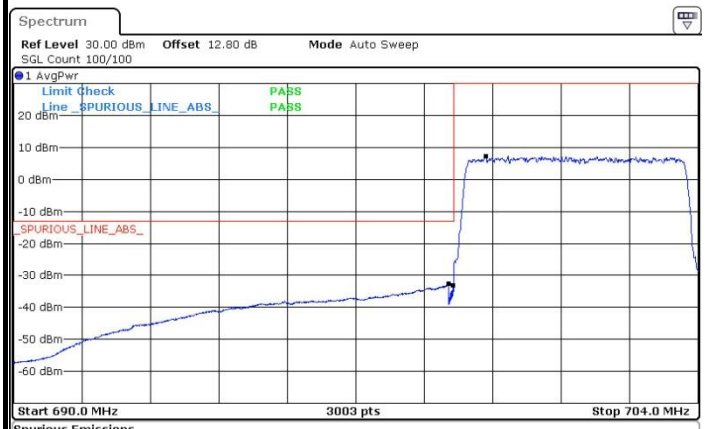


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.63287 MHz	21.68 dBm	-8.32 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-25.79 dBm	-12.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.39 dBm	-20.39 dB

Date: 23.AUG.2015 15:50:29

Lowest Band Edge / Full RB

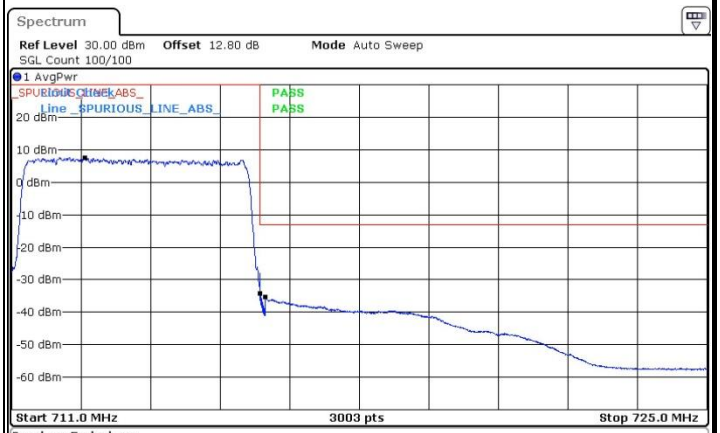


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.50 dBm	-19.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99096 MHz	-33.24 dBm	-20.24 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.65684 MHz	7.18 dBm	-22.82 dB

Date: 23.AUG.2015 15:33:37

Highest Band Edge / Full RB



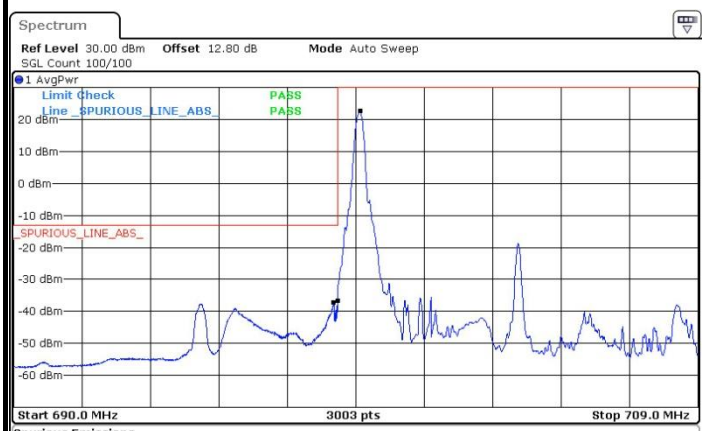
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.46603 MHz	7.54 dBm	-22.46 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00385 MHz	-34.13 dBm	-21.13 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.23 dBm	-22.23 dB

Date: 23.AUG.2015 15:46:40

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

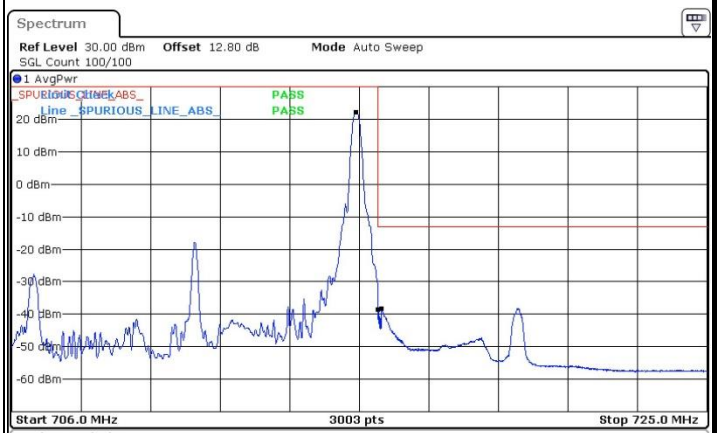


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.29 dBm	-24.29 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99356 MHz	-36.78 dBm	-23.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	22.63 dBm	-7.37 dB

Date: 23.AUG.2015 16:00:49

Highest Band Edge / 1 RB

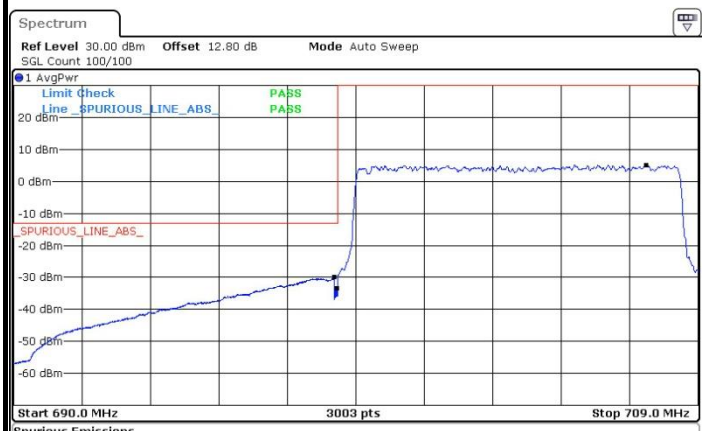


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	22.25 dBm	-7.75 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-38.53 dBm	-25.53 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.18 dBm	-25.18 dB

Date: 23.AUG.2015 16:13:53

Lowest Band Edge / Full RB

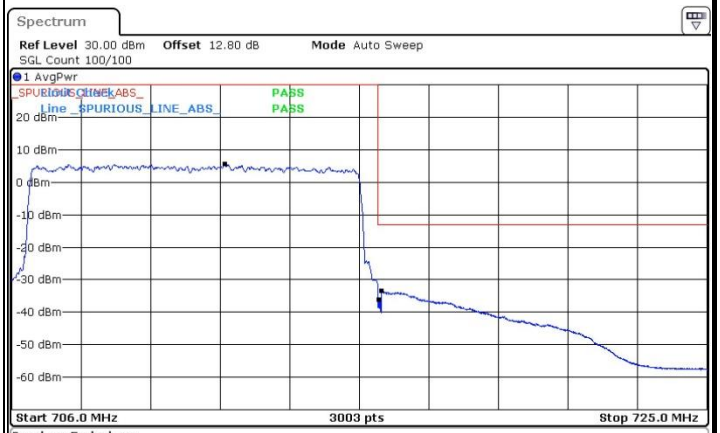


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.00 dBm	-17.00 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96229 MHz	-33.30 dBm	-20.30 dB
699.000 MHz	709.000 MHz	100.000 kHz	707.55644 MHz	5.16 dBm	-24.84 dB

Date: 23.AUG.2015 15:55:06

Highest Band Edge / Full RB



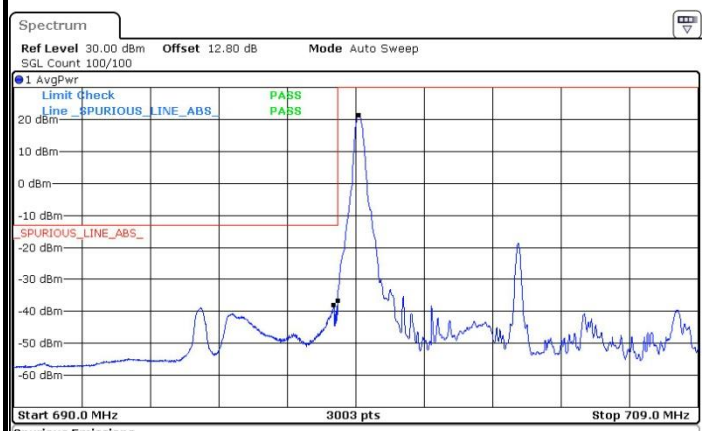
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.81918 MHz	5.57 dBm	-24.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03002 MHz	-36.23 dBm	-23.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.30 dBm	-20.30 dB

Date: 23.AUG.2015 16:08:10

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

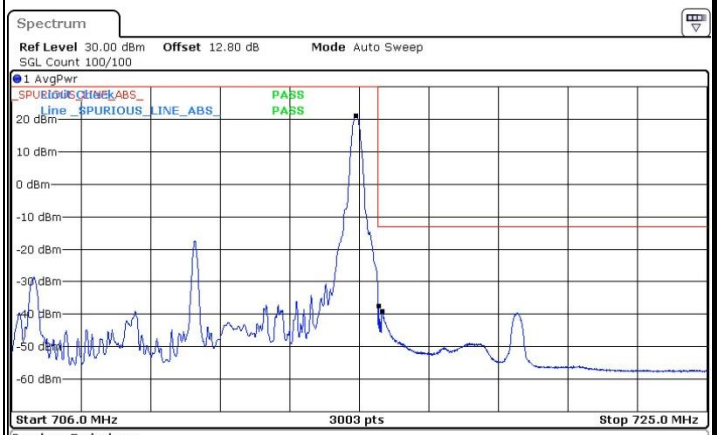


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-38.11 dBm	-25.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-36.79 dBm	-23.79 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	21.38 dBm	-8.62 dB

Date: 23.AUG.2015 15:58:55

Highest Band Edge / 1 RB

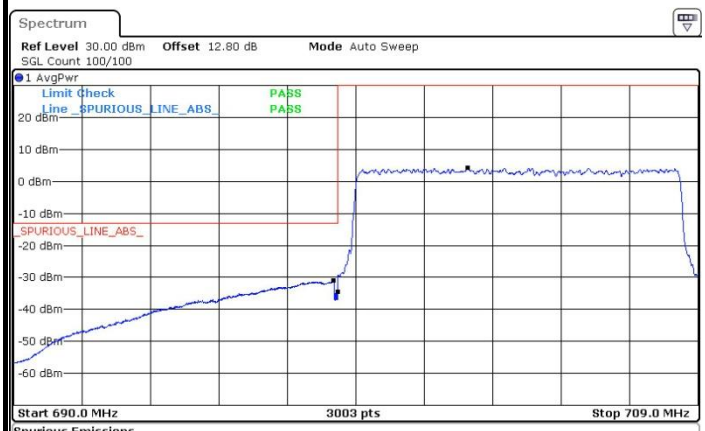


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	21.18 dBm	-8.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01723 MHz	-37.35 dBm	-24.35 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-38.97 dBm	-25.97 dB

Date: 23.AUG.2015 16:11:58

Lowest Band Edge / Full RB

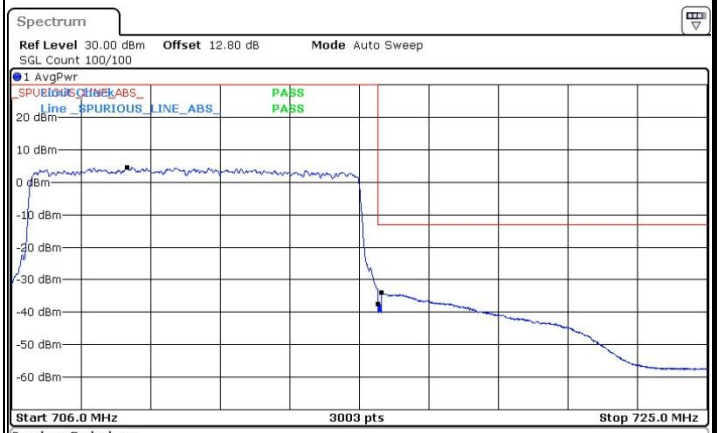


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.97 dBm	-17.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98996 MHz	-34.61 dBm	-21.61 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.60140 MHz	4.36 dBm	-25.64 dB

Date: 23.AUG.2015 15:57:01

Highest Band Edge / Full RB



Spurious Emissions

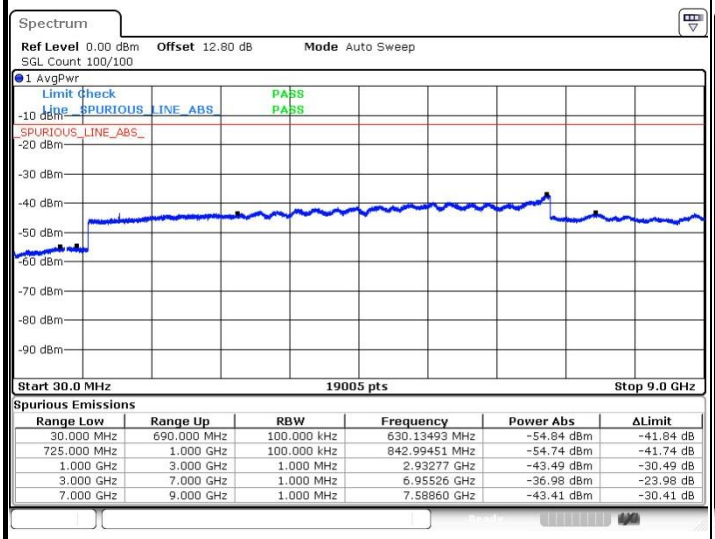
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.14186 MHz	4.59 dBm	-25.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-37.42 dBm	-24.42 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.92 dBm	-20.92 dB

Date: 23.AUG.2015 16:10:04

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

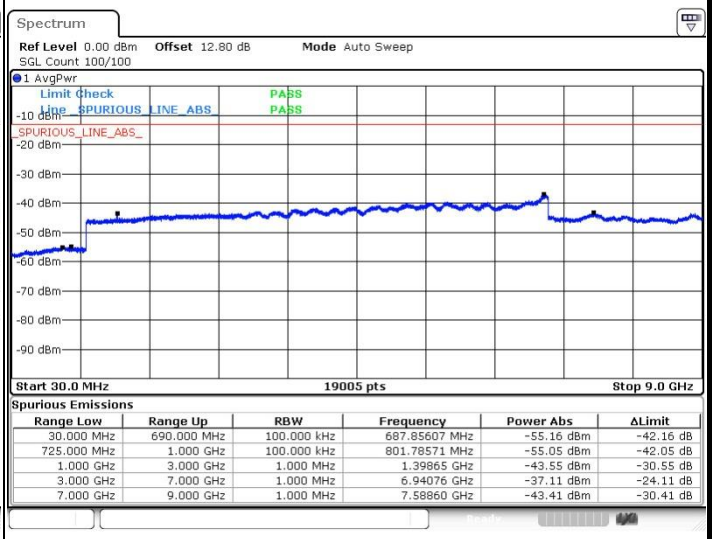


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.13493 MHz	-54.84 dBm	-41.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.99451 MHz	-54.74 dBm	-41.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.93277 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95526 GHz	-36.98 dBm	-23.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58860 GHz	-43.41 dBm	-30.41 dB

Date: 23.AUG.2015 14:51:36

Lowest Channel / 16QAM

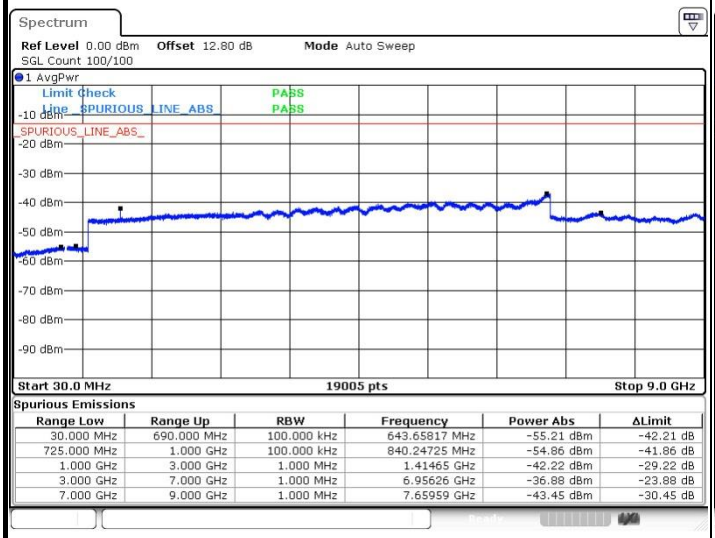


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-55.16 dBm	-42.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	801.78571 MHz	-55.05 dBm	-42.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-43.55 dBm	-30.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94076 GHz	-37.11 dBm	-24.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58860 GHz	-43.41 dBm	-30.41 dB

Date: 23.AUG.2015 14:52:34

Middle Channel / QPSK

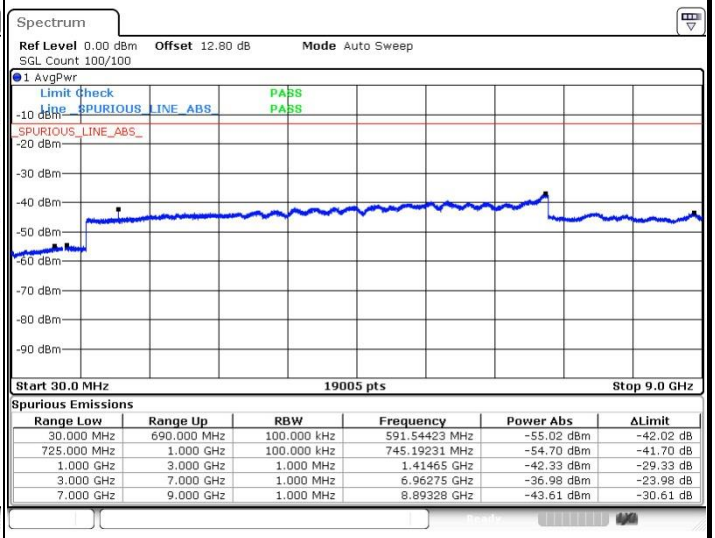


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	643.65817 MHz	-55.21 dBm	-42.21 dB
725.000 MHz	1.000 GHz	100.000 kHz	840.24725 MHz	-54.86 dBm	-41.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-42.22 dBm	-29.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-36.88 dBm	-23.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.65959 GHz	-43.45 dBm	-30.45 dB

Date: 23.AUG.2015 14:55:17

Middle Channel / 16QAM



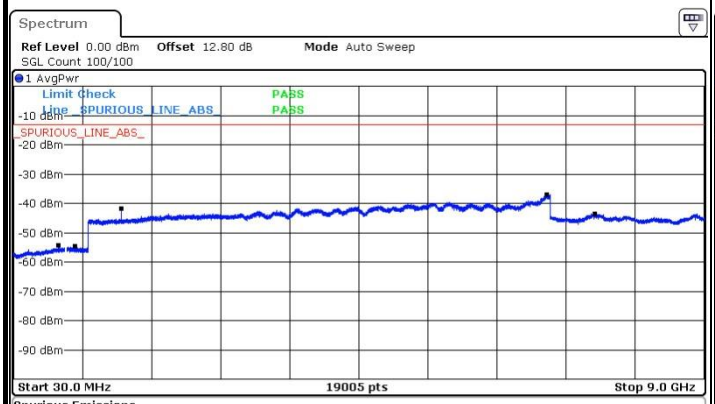
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	591.54423 MHz	-55.02 dBm	-42.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	745.19231 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-42.33 dBm	-29.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96275 GHz	-36.98 dBm	-23.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89328 GHz	-43.61 dBm	-30.61 dB

Date: 23.AUG.2015 14:54:19

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

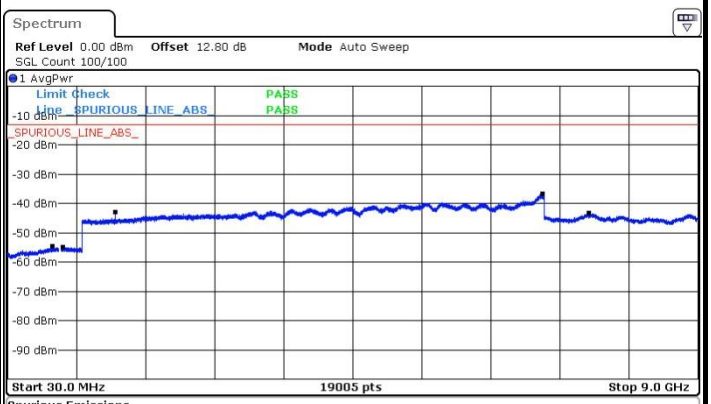


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	611.99400 MHz	-54.36 dBm	-41.36 dB
725.000 MHz	1.000 GHz	100.000 kHz	824.31319 MHz	-54.51 dBm	-41.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-41.89 dBm	-28.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96075 GHz	-37.06 dBm	-24.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58010 GHz	-43.56 dBm	-30.56 dB

Date: 23.AUG.2015 15:04:39

Highest Channel / 16QAM



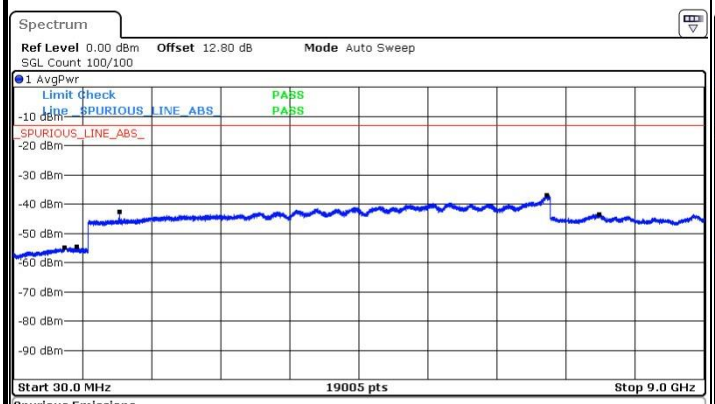
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	611.99400 MHz	-54.72 dBm	-41.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	744.09341 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-42.98 dBm	-29.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97625 GHz	-36.75 dBm	-23.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57561 GHz	-43.41 dBm	-30.41 dB

Date: 23.AUG.2015 15:05:37

LTE Band 12 / 3MHz

Lowest Channel / QPSK

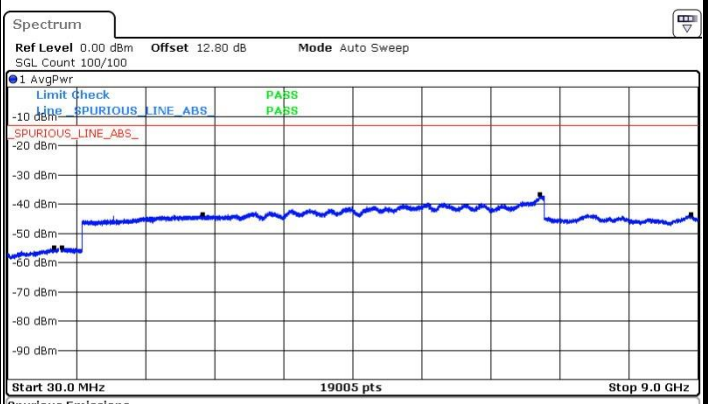


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-54.99 dBm	-41.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.99451 MHz	-54.73 dBm	-41.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-42.83 dBm	-29.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-37.07 dBm	-24.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.64159 GHz	-43.49 dBm	-30.49 dB

Date: 23.AUG.2015 15:15:00

Lowest Channel / 16QAM



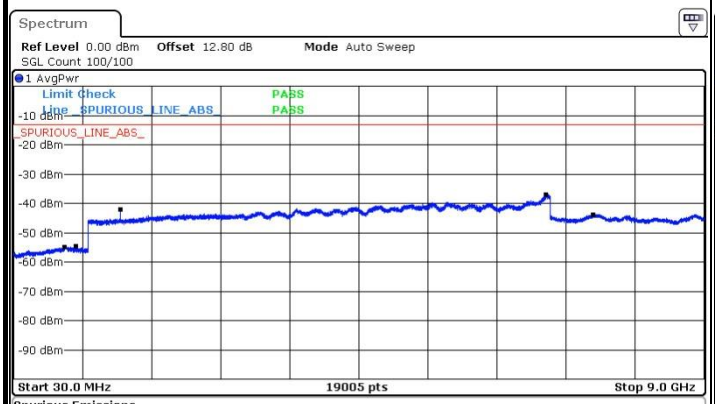
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.13493 MHz	-54.98 dBm	-41.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	735.30220 MHz	-54.96 dBm	-41.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.56536 GHz	-43.53 dBm	-30.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94826 GHz	-36.66 dBm	-23.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91177 GHz	-43.60 dBm	-30.60 dB

Date: 23.AUG.2015 15:15:58

LTE Band 12 / 3MHz

Middle Channel / QPSK

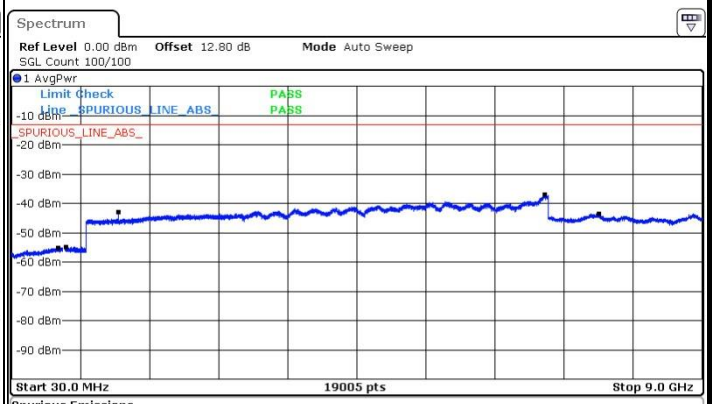


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-55.01 dBm	-42.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	834.47802 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-41.99 dBm	-28.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-37.03 dBm	-24.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55461 GHz	-43.76 dBm	-30.76 dB

Date: 23.AUG.2015 15:18:41

Middle Channel / 16QAM

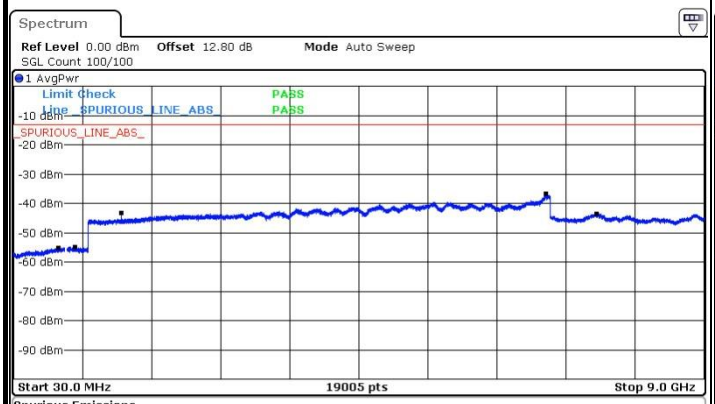


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	637.06147 MHz	-55.23 dBm	-42.23 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.90659 MHz	-54.94 dBm	-41.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-42.87 dBm	-29.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95576 GHz	-36.93 dBm	-23.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.65759 GHz	-43.66 dBm	-30.66 dB

Date: 23.AUG.2015 15:17:43

Highest Channel / QPSK

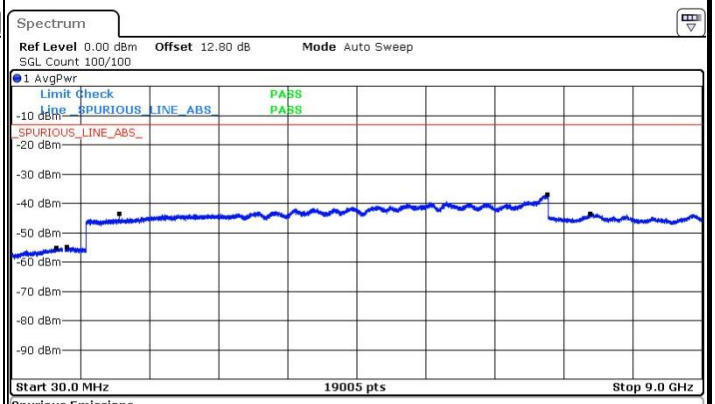


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	613.64318 MHz	-55.10 dBm	-42.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	826.23626 MHz	-54.79 dBm	-41.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94376 GHz	-36.82 dBm	-23.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.59760 GHz	-43.52 dBm	-30.52 dB

Date: 23.AUG.2015 15:28:03

Highest Channel / 16QAM



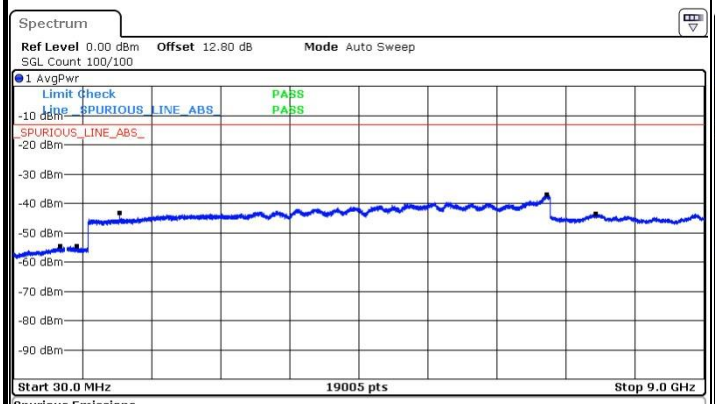
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	613.64318 MHz	-55.16 dBm	-42.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	746.01648 MHz	-55.01 dBm	-42.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-37.09 dBm	-24.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-43.50 dBm	-30.50 dB

Date: 23.AUG.2015 15:29:01

LTE Band 12 / 5MHz

Lowest Channel / QPSK

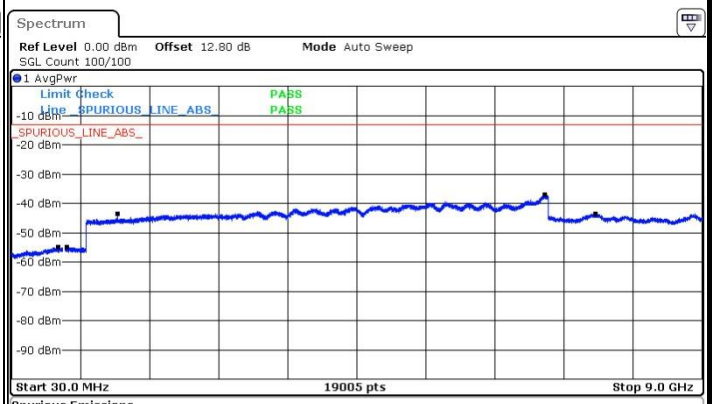


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.13493 MHz	-54.73 dBm	-41.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.71978 MHz	-54.69 dBm	-41.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.40 dBm	-30.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-37.02 dBm	-24.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58860 GHz	-43.51 dBm	-30.51 dB

Date: 23.AUG.2015 15:38:23

Lowest Channel / 16QAM

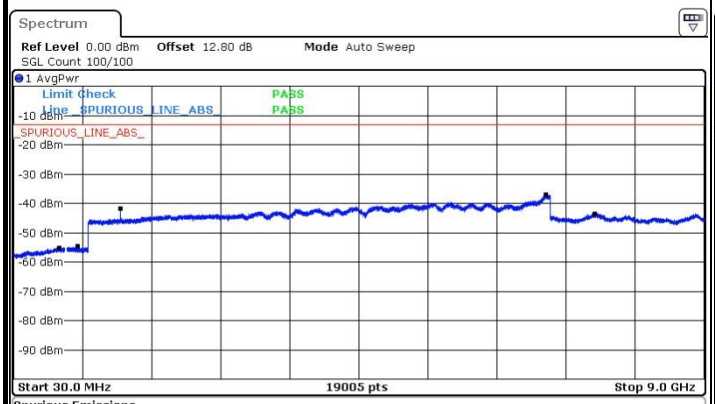


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.13493 MHz	-54.93 dBm	-41.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	743.54396 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.51 dBm	-30.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-36.99 dBm	-23.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61710 GHz	-43.67 dBm	-30.67 dB

Date: 23.AUG.2015 15:39:21

Middle Channel / QPSK

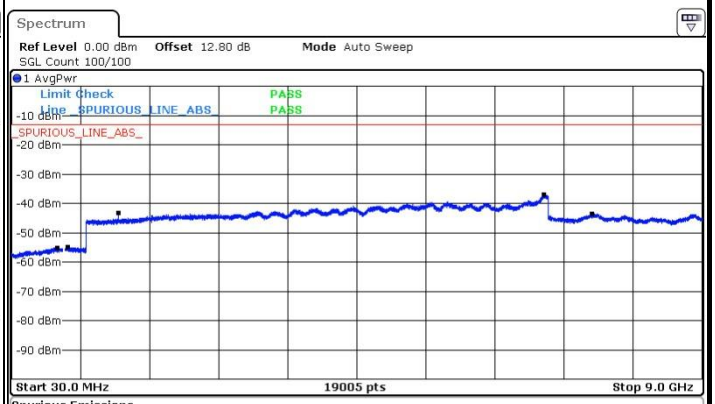


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	623.20840 MHz	-55.10 dBm	-42.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	863.59890 MHz	-54.76 dBm	-41.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-41.90 dBm	-28.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94026 GHz	-36.99 dBm	-23.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58260 GHz	-43.60 dBm	-30.60 dB

Date: 23.AUG.2015 15:42:04

Middle Channel / 16QAM



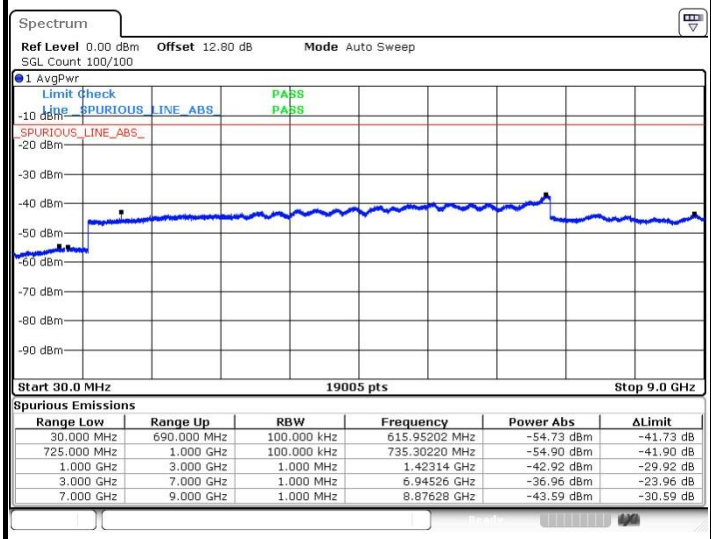
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	617.93103 MHz	-55.08 dBm	-42.08 dB
725.000 MHz	1.000 GHz	100.000 kHz	760.30220 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-43.31 dBm	-30.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-37.00 dBm	-24.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56411 GHz	-43.56 dBm	-30.56 dB

Date: 23.AUG.2015 15:41:06

LTE Band 12 / 5MHz

Highest Channel / QPSK

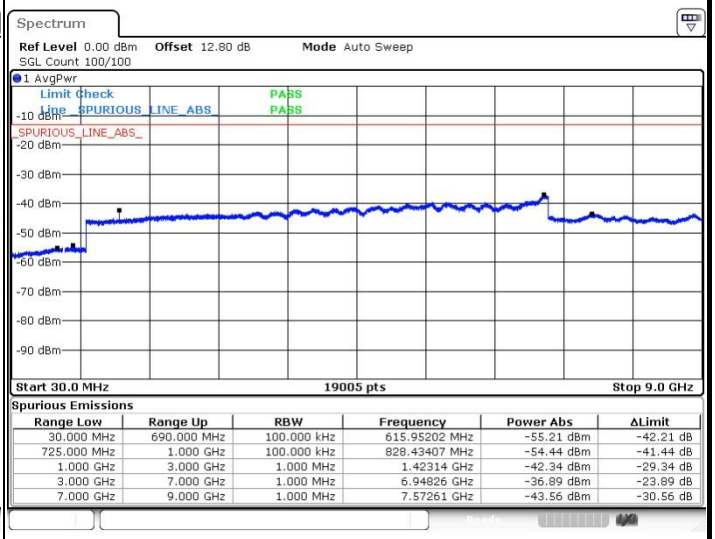


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	615.95202 MHz	-54.73 dBm	-41.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	735.30220 MHz	-54.90 dBm	-41.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-42.92 dBm	-29.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94526 GHz	-36.96 dBm	-23.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87628 GHz	-43.59 dBm	-30.59 dB

Date: 23.AUG.2015 15:52:25

Highest Channel / 16QAM



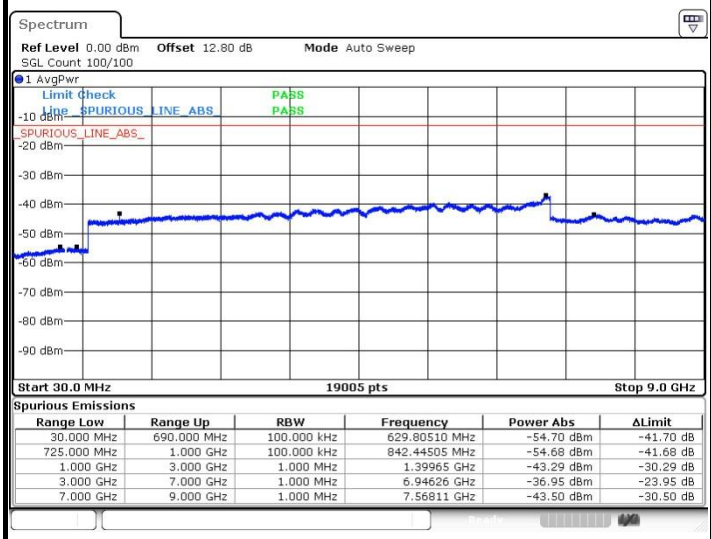
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	615.95202 MHz	-55.21 dBm	-42.21 dB
725.000 MHz	1.000 GHz	100.000 kHz	828.43407 MHz	-54.44 dBm	-41.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-42.34 dBm	-29.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94826 GHz	-36.89 dBm	-23.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57261 GHz	-43.56 dBm	-30.56 dB

Date: 23.AUG.2015 15:51:26

LTE Band 12 / 10MHz

Lowest Channel / QPSK

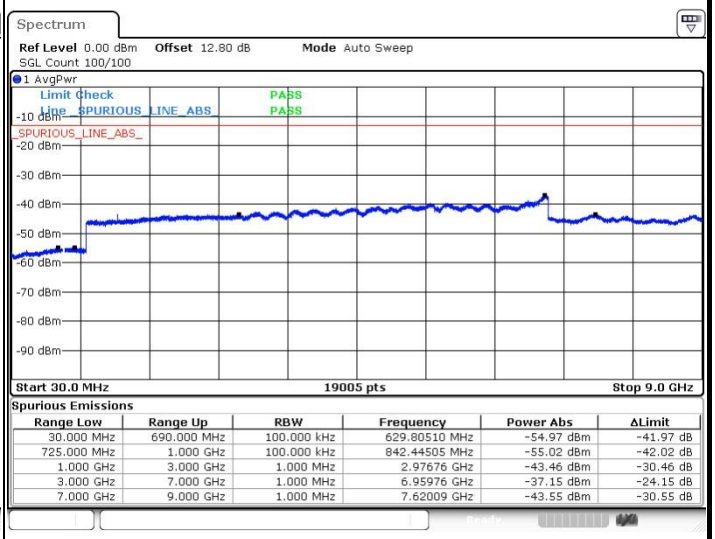


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	629.80510 MHz	-54.70 dBm	-41.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.44505 MHz	-54.68 dBm	-41.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-43.29 dBm	-30.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-36.95 dBm	-23.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56811 GHz	-43.50 dBm	-30.50 dB

Date: 23.AUG.2015 16:01:47

Lowest Channel / 16QAM



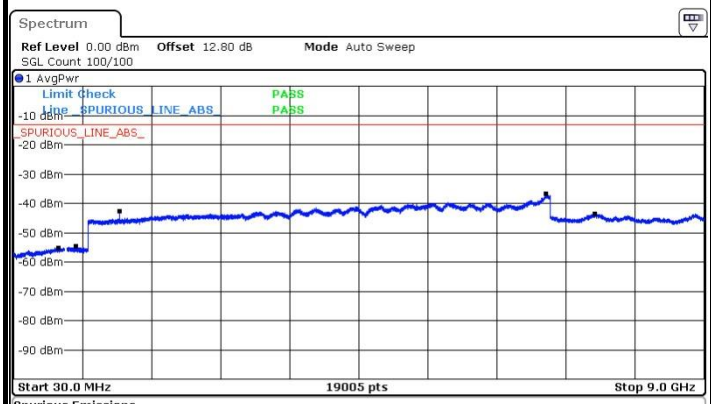
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	629.80510 MHz	-54.97 dBm	-41.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.44505 MHz	-55.02 dBm	-42.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97676 GHz	-43.46 dBm	-30.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95976 GHz	-37.15 dBm	-24.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62009 GHz	-43.55 dBm	-30.55 dB

Date: 23.AUG.2015 16:02:45

LTE Band 12 / 10MHz

Middle Channel / QPSK

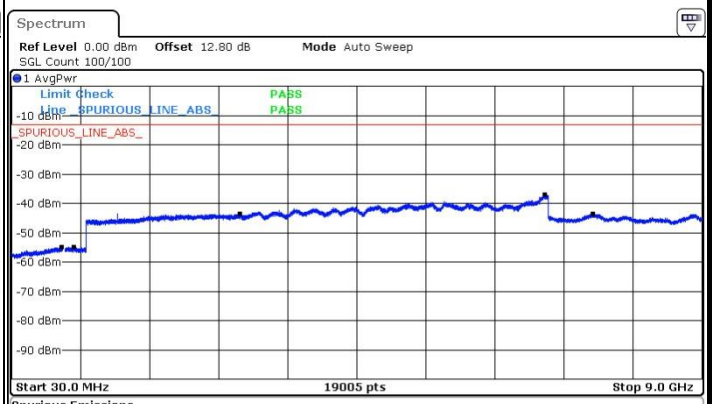


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	608.36582 MHz	-55.18 dBm	-42.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	838.32418 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-42.75 dBm	-29.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-36.85 dBm	-23.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58160 GHz	-43.54 dBm	-30.54 dB

Date: 23.AUG.2015 16:05:28

Middle Channel / 16QAM

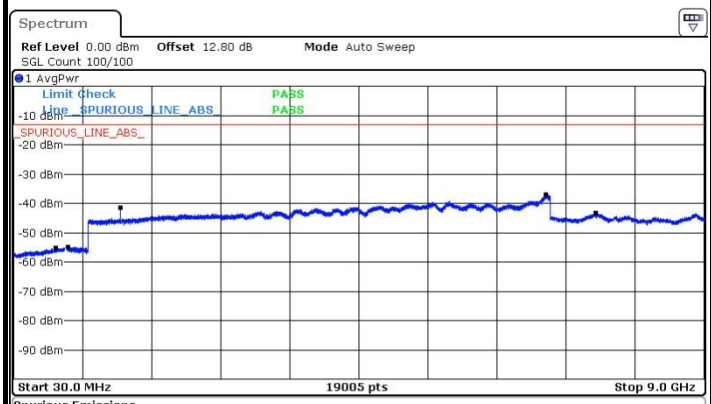


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	678.29085 MHz	-54.99 dBm	-41.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	838.32418 MHz	-54.85 dBm	-41.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99375 GHz	-43.61 dBm	-30.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-36.99 dBm	-23.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57811 GHz	-43.72 dBm	-30.72 dB

Date: 23.AUG.2015 16:04:30

Highest Channel / QPSK

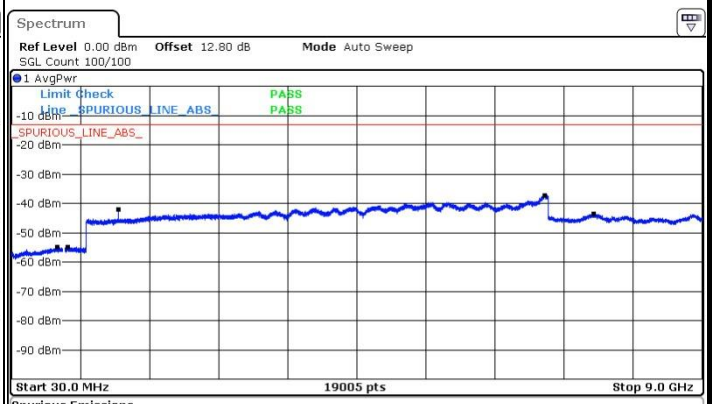


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	580.32984 MHz	-55.12 dBm	-42.12 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-54.97 dBm	-41.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-41.39 dBm	-28.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94376 GHz	-37.01 dBm	-24.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58860 GHz	-43.41 dBm	-30.41 dB

Date: 23.AUG.2015 16:14:50

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.55922 MHz	-54.84 dBm	-41.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	761.12637 MHz	-54.99 dBm	-41.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-42.07 dBm	-29.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-37.19 dBm	-24.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58910 GHz	-43.57 dBm	-30.57 dB

Date: 23.AUG.2015 16:15:48

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0095	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

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

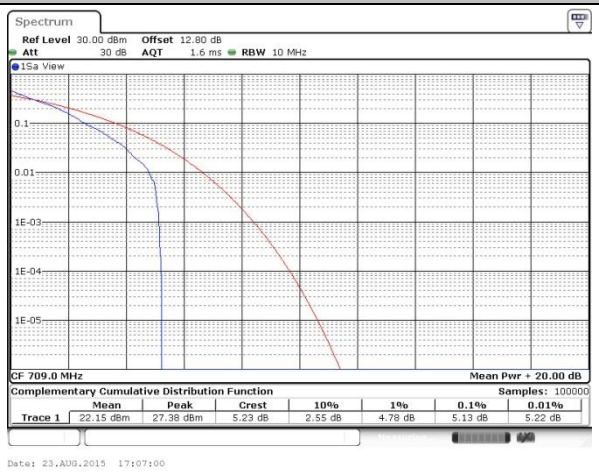
LTE Band 17

Peak-to-Average Ratio

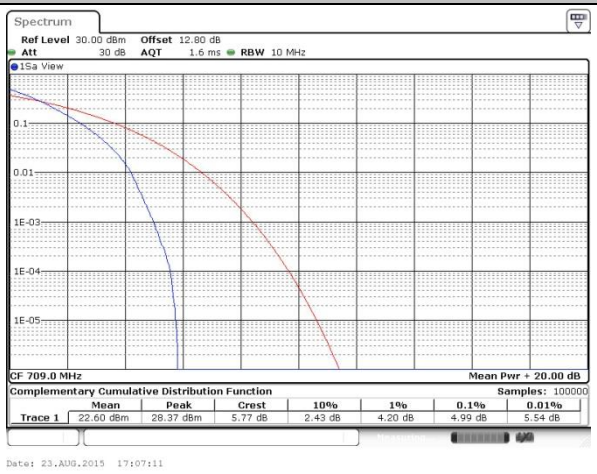
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.13	4.99	6.23	5.86	PASS
Middle CH	5.19	5.07	6.14	5.94	
Highest CH	5.25	5.07	6.23	5.88	

LTE Band 17 / 10MHz / QPSK

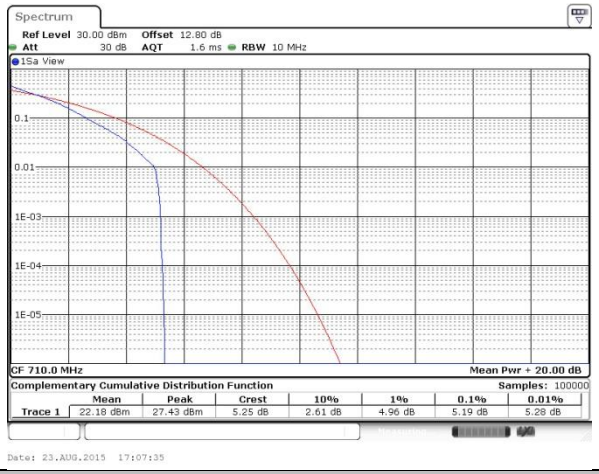
Lowest Channel / 1RB



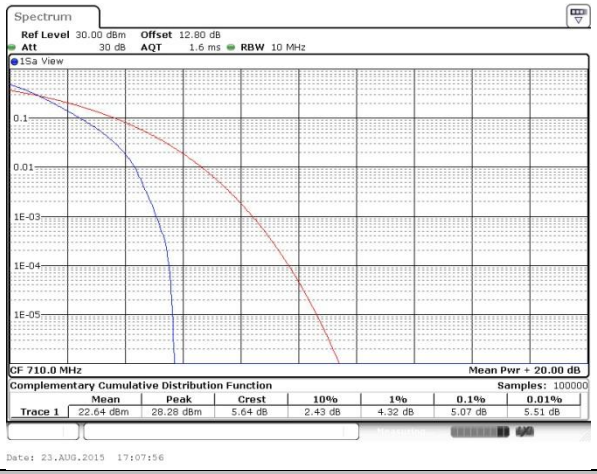
Lowest Channel / Full RB



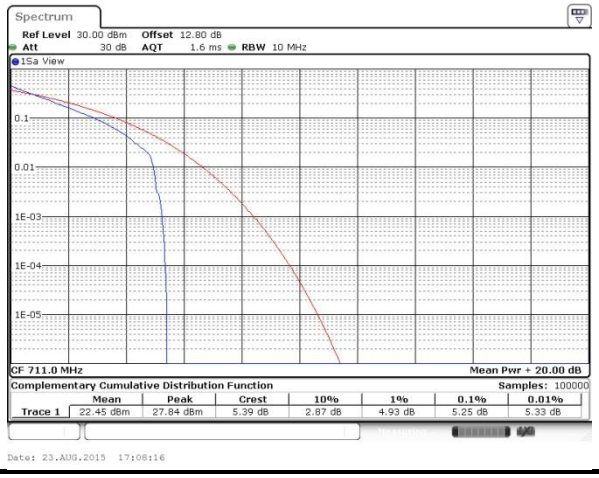
Middle Channel/ 1RB



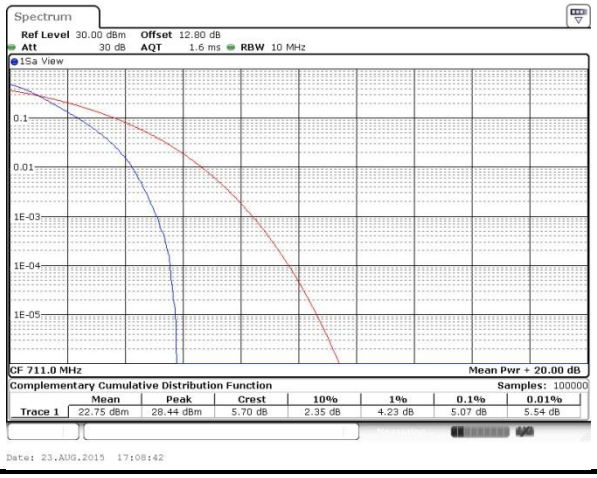
Middle Channel / Full RB



Highest Channel/ 1RB

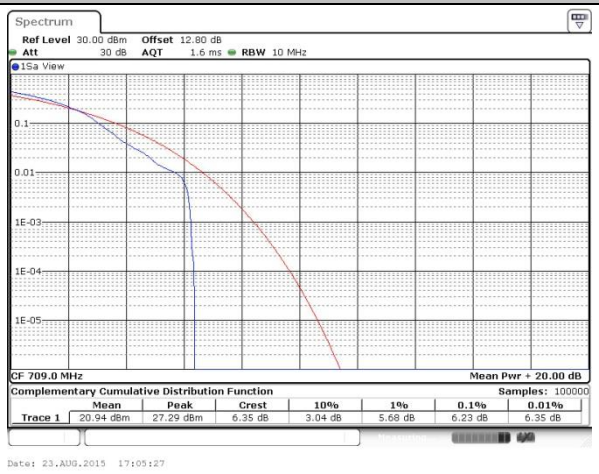


Highest Channel / Full RB

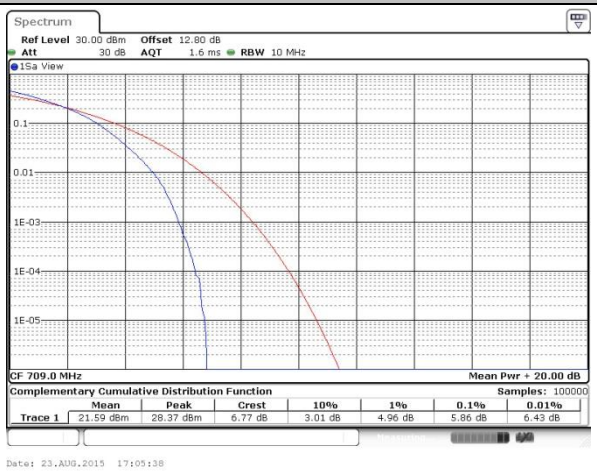


LTE Band 17 / 10MHz / 16QAM

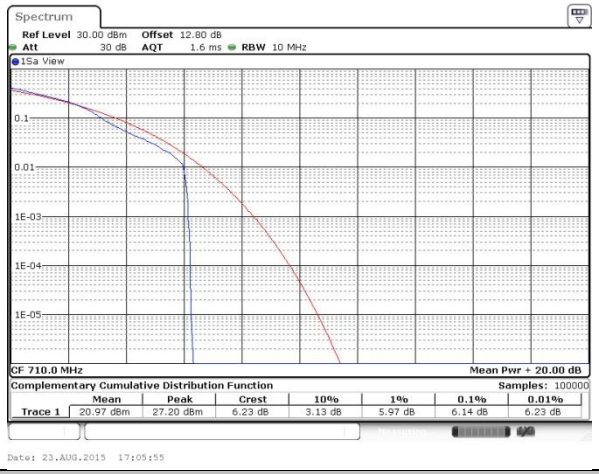
Lowest Channel / 1RB



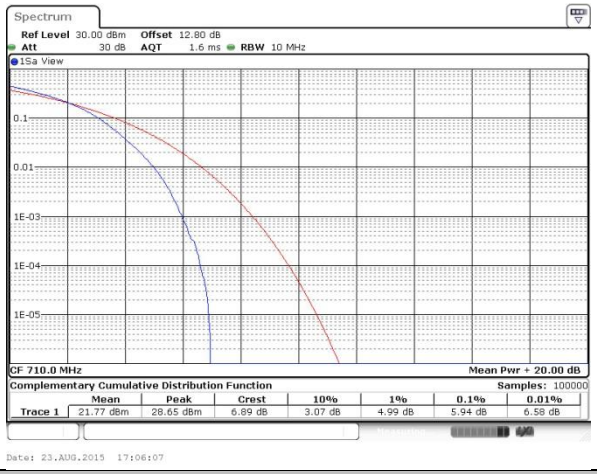
Lowest Channel / Full RB



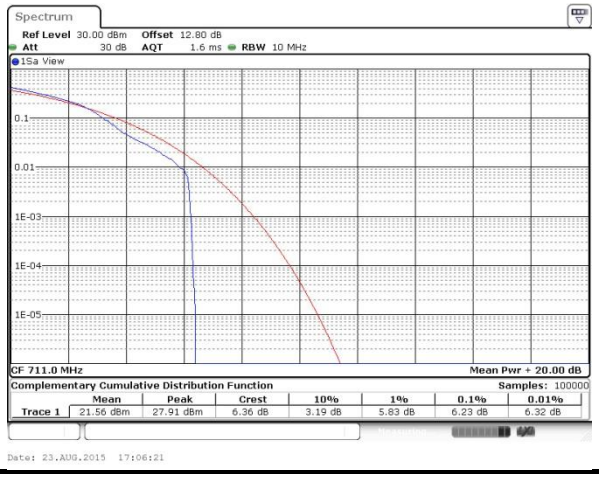
Middle Channel/ 1RB



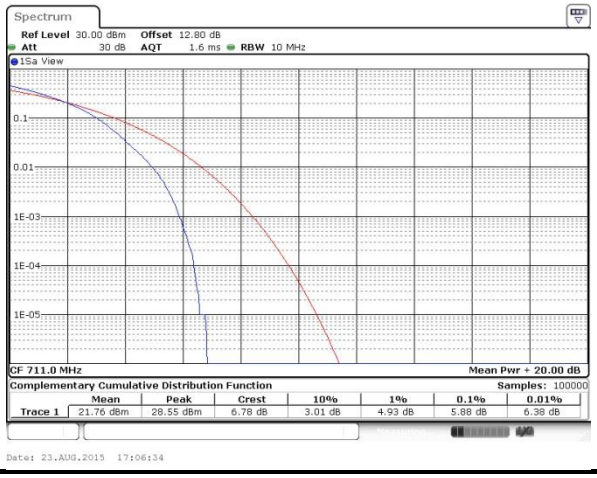
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB



26dB Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.95	4.81	9.63	9.71	-	-	-	-
Middle CH	-	-	-	-	4.86	4.89	9.69	9.71	-	-	-	-
Highest CH	-	-	-	-	4.84	4.91	9.65	9.71	-	-	-	-