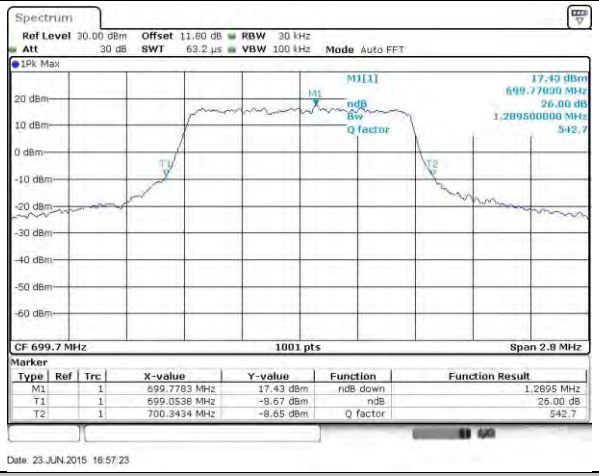
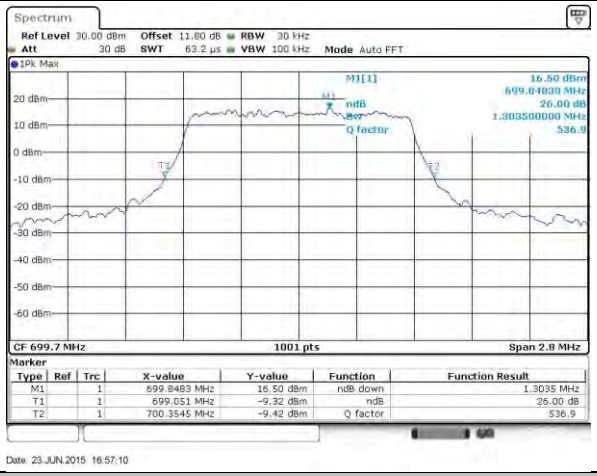
LTE Band 12

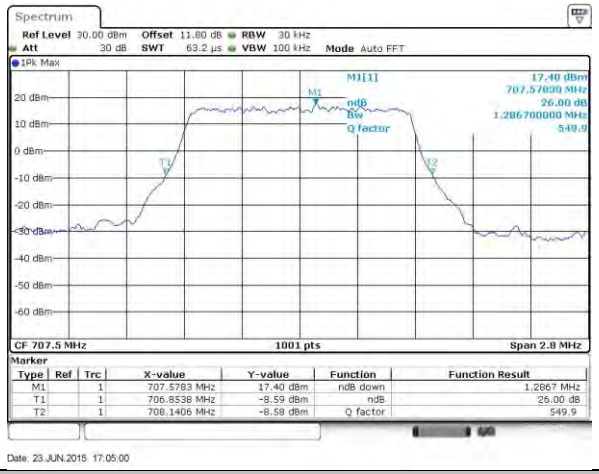
Lowest Channel / 1.4MHz / QPSK



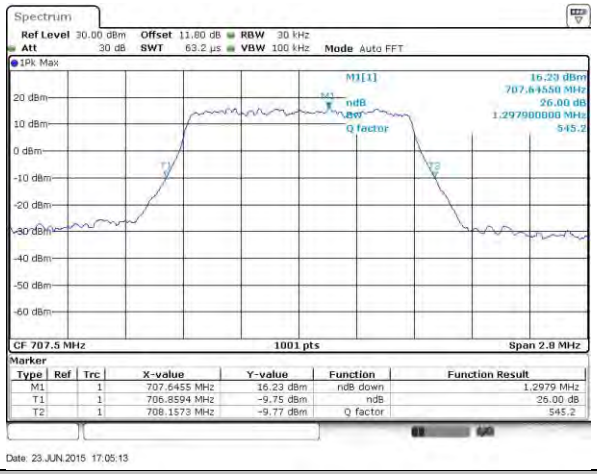
Lowest Channel / 1.4MHz / 16QAM



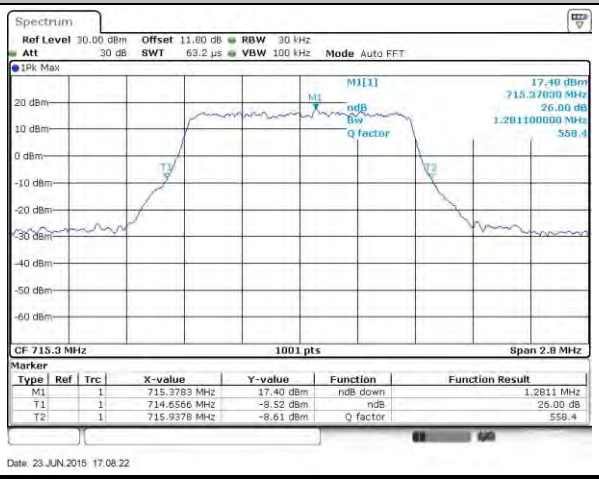
Middle Channel / 1.4MHz / QPSK



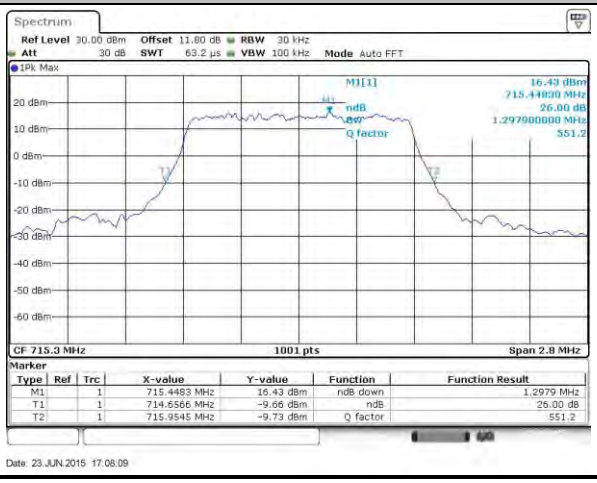
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

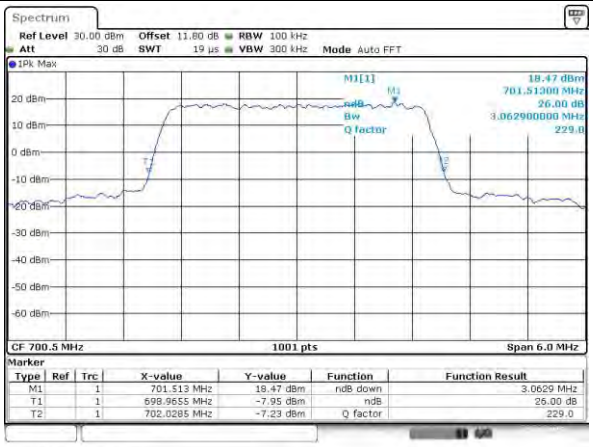


Highest Channel / 1.4MHz / 16QAM

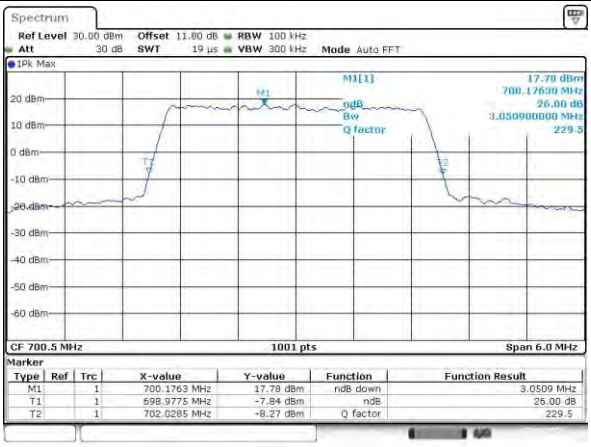


LTE Band 12

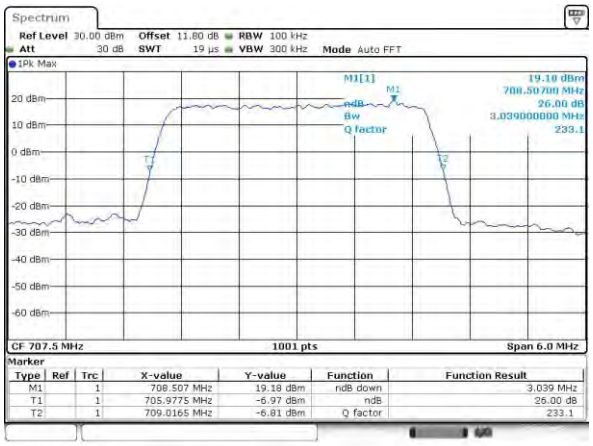
Lowest Channel / 3MHz / QPSK



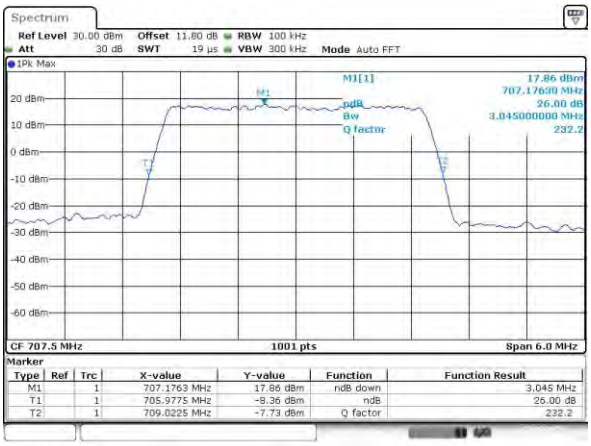
Lowest Channel / 3MHz / 16QAM



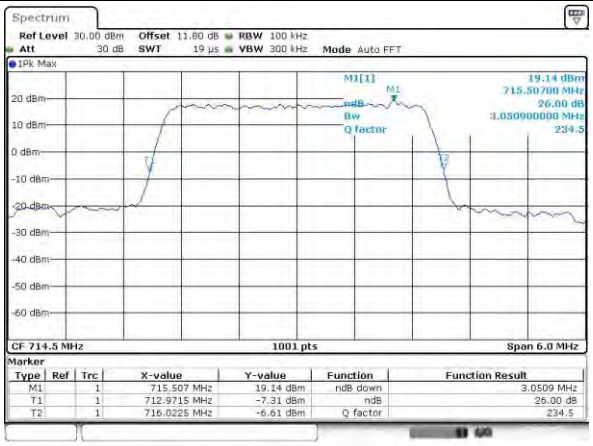
Middle Channel / 3MHz / QPSK



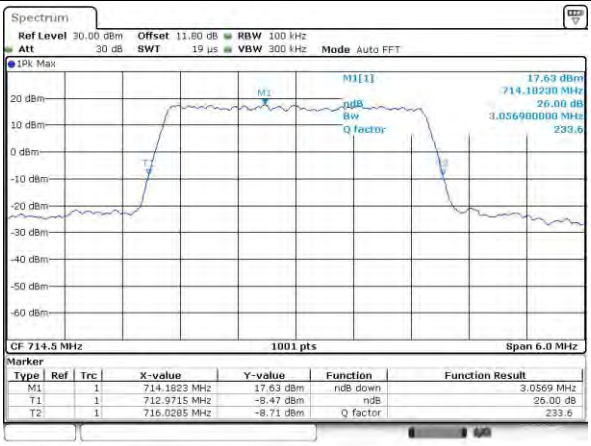
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

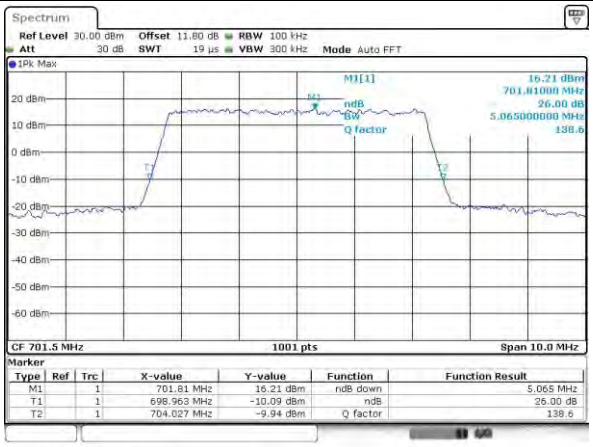


Highest Channel /3MHz / 16QAM

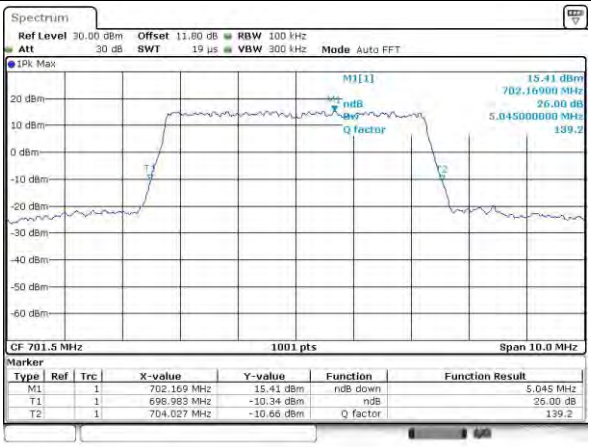


LTE Band 12

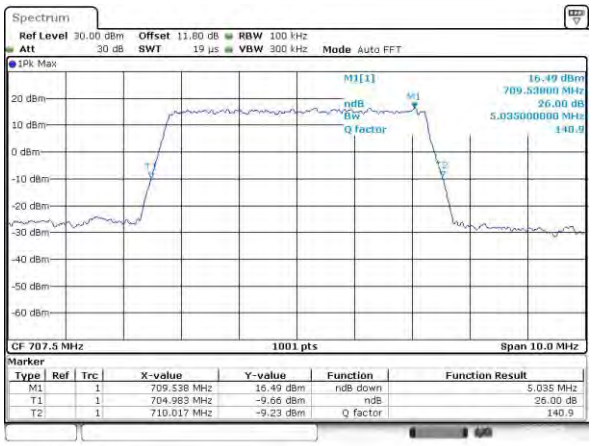
Lowest Channel / 5MHz / QPSK



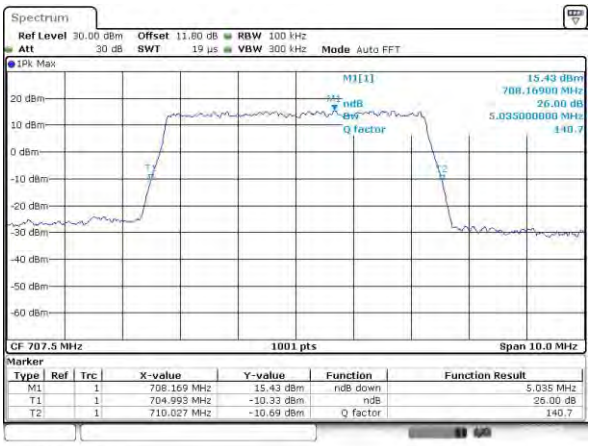
Lowest Channel / 5MHz / 16QAM



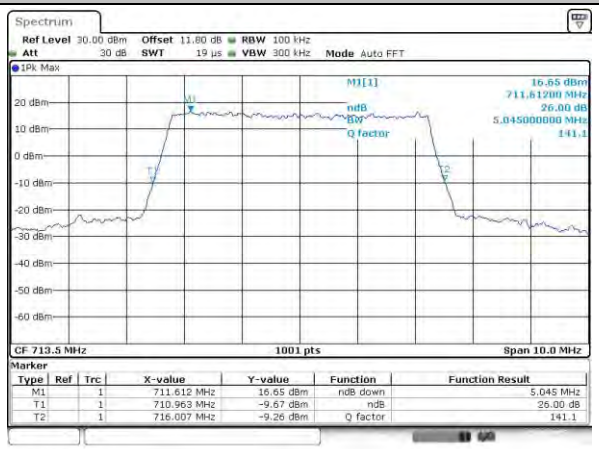
Middle Channel / 5MHz / QPSK



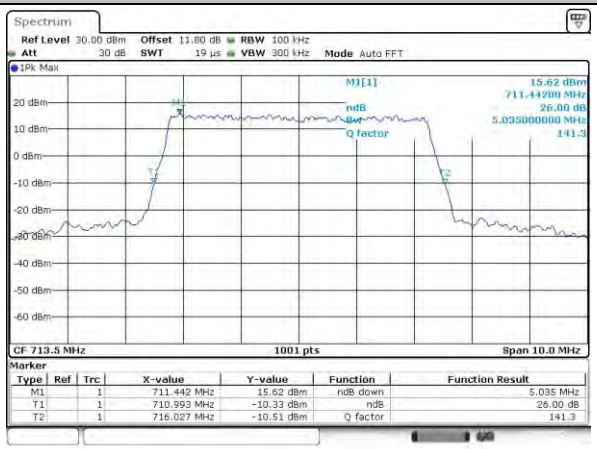
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

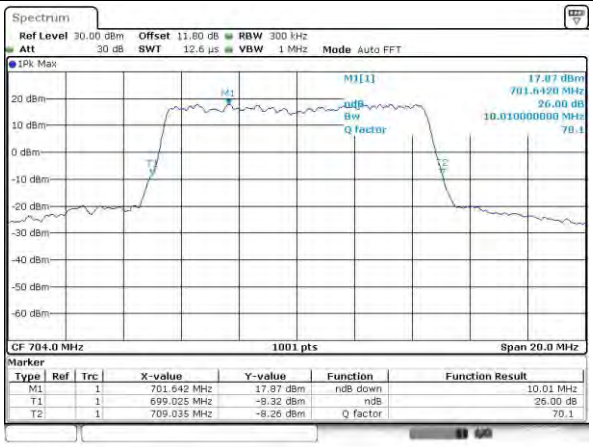


Highest Channel / 5MHz / 16QAM

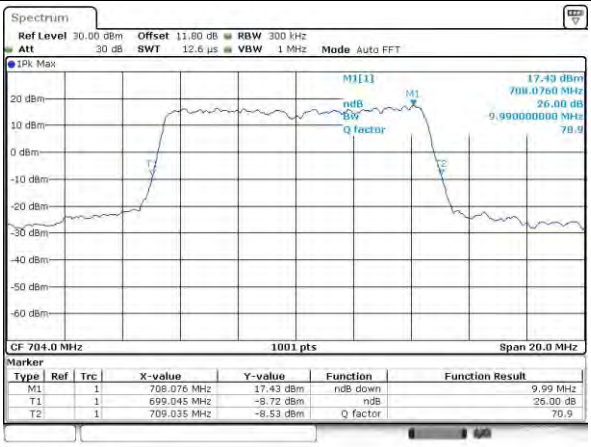


LTE Band 12

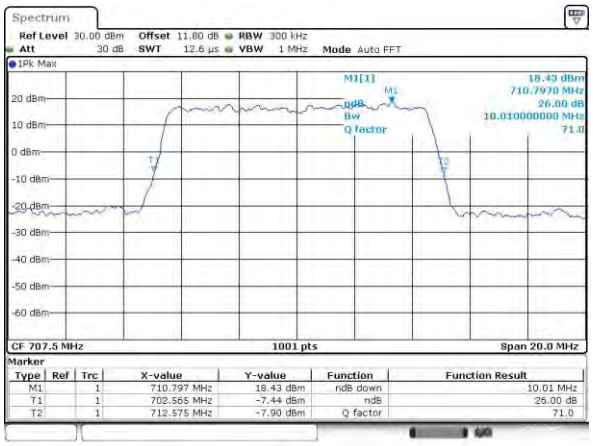
Lowest Channel / 10MHz / QPSK



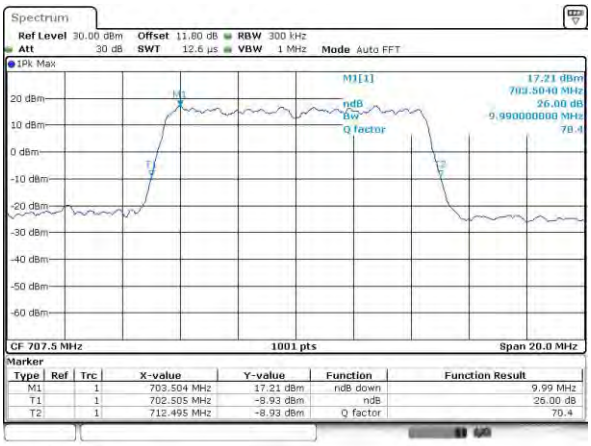
Lowest Channel / 10MHz / 16QAM



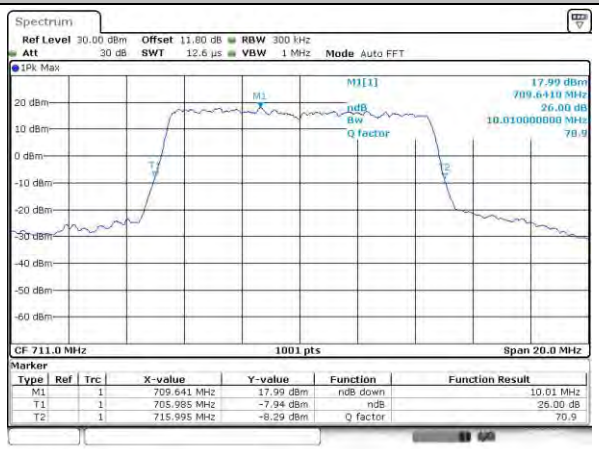
Middle Channel / 10MHz / QPSK



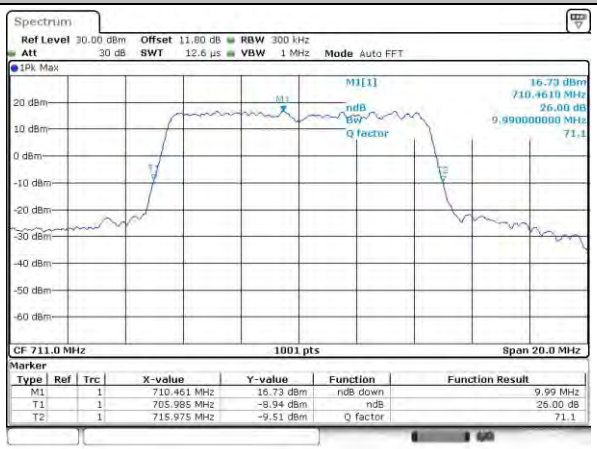
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

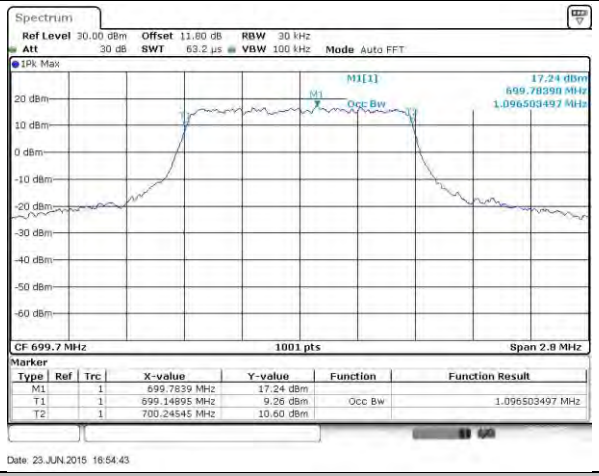


Occupied Bandwidth

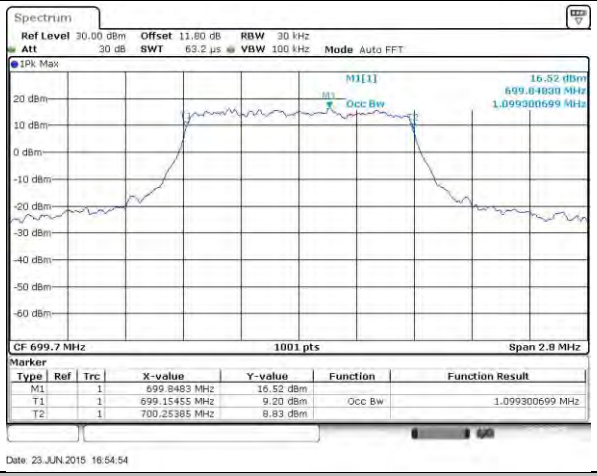
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.73	2.73	4.51	4.50	9.11	9.03	-	-	-	-
Middle CH	1.09	1.10	2.73	2.72	4.50	4.50	9.01	9.05	-	-	-	-
Highest CH	1.09	1.10	2.73	2.72	4.51	4.51	9.03	9.05	-	-	-	-

LTE Band 12

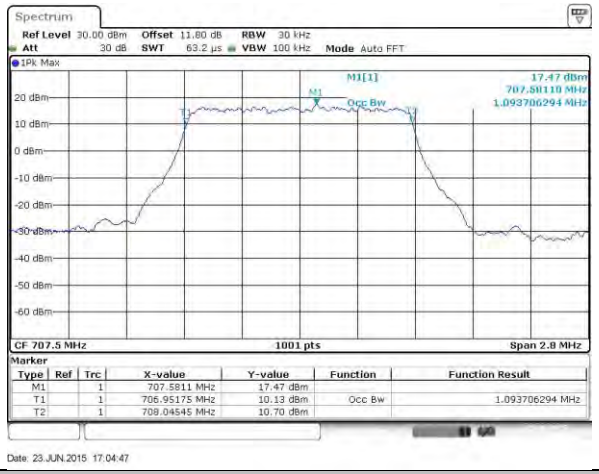
Lowest Channel / 1.4MHz / QPSK



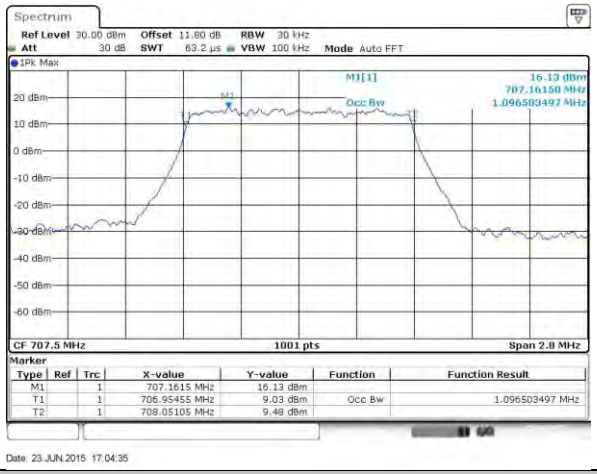
Lowest Channel / 1.4MHz / 16QAM



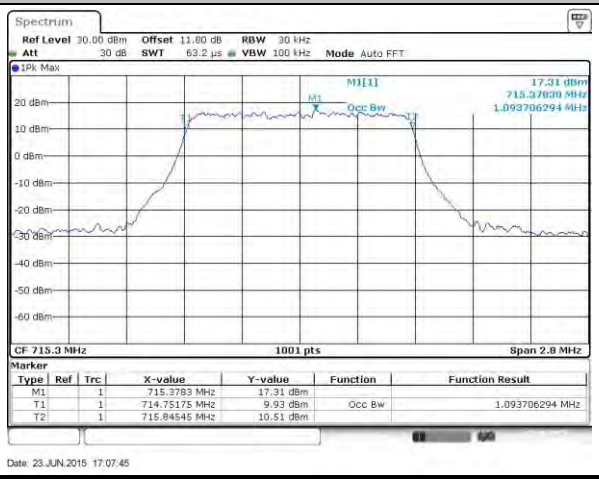
Middle Channel / 1.4MHz / QPSK



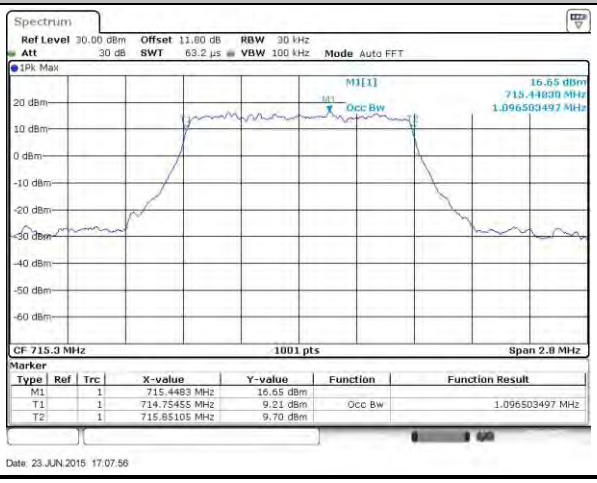
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

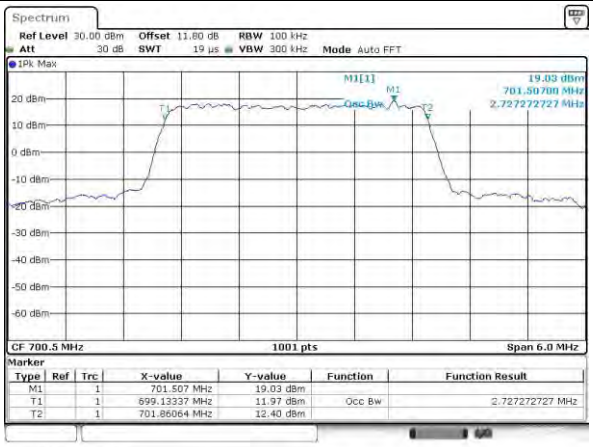


Highest Channel / 1.4MHz / 16QAM

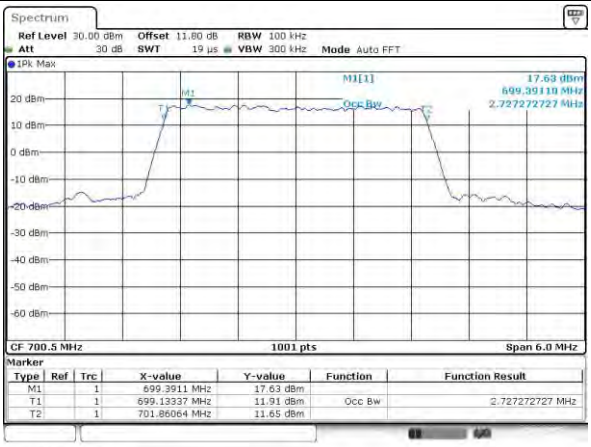


LTE Band 12

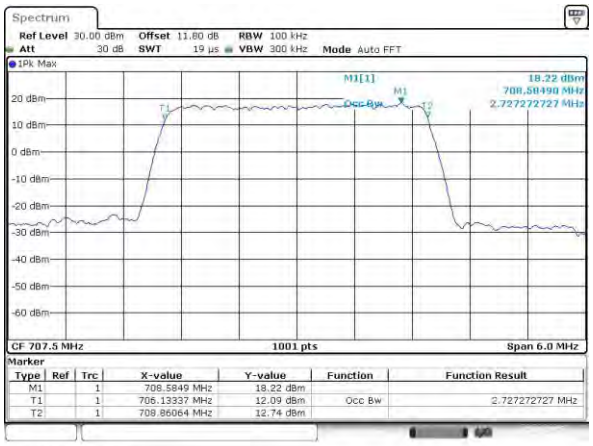
Lowest Channel / 3MHz / QPSK



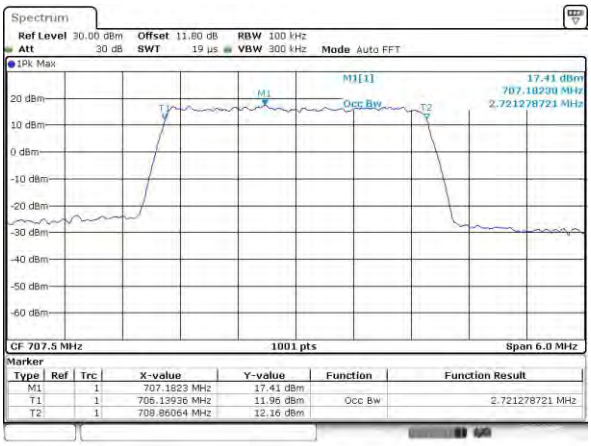
Lowest Channel / 3MHz / 16QAM



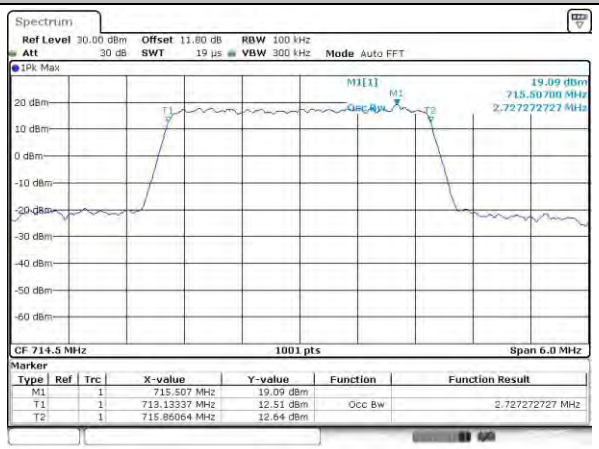
Middle Channel / 3MHz / QPSK



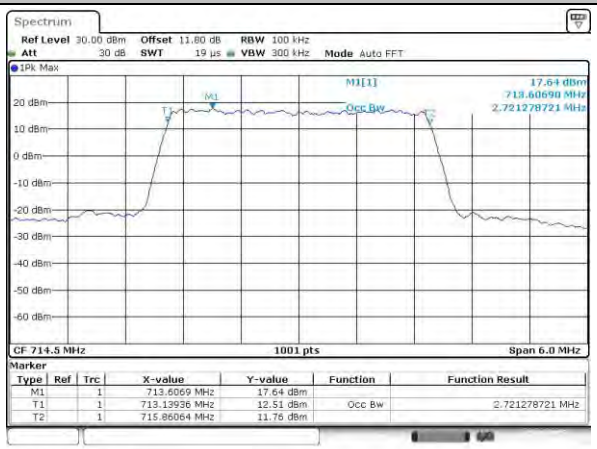
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

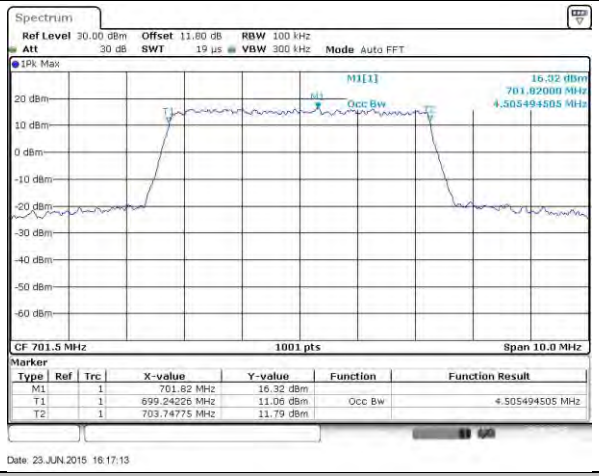


Highest Channel / 3MHz / 16QAM

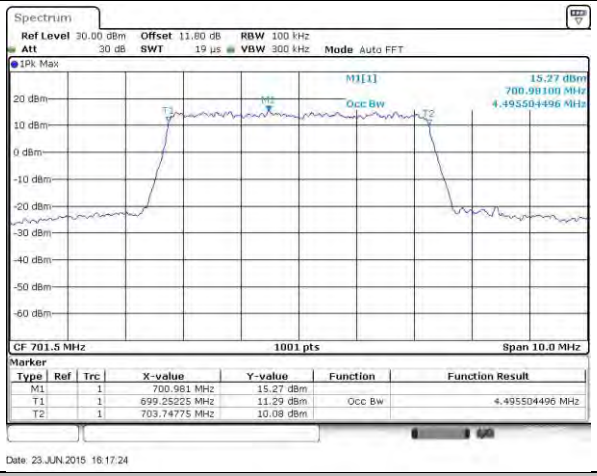


LTE Band 12

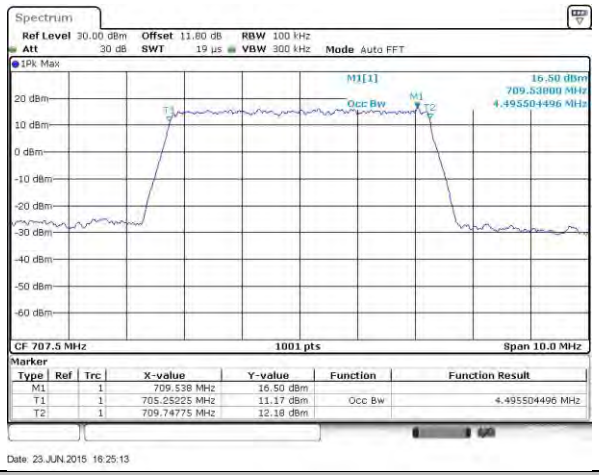
Lowest Channel / 5MHz / QPSK



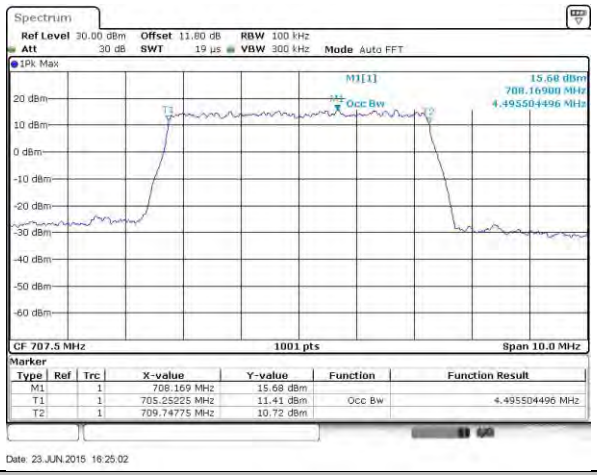
Lowest Channel / 5MHz / 16QAM



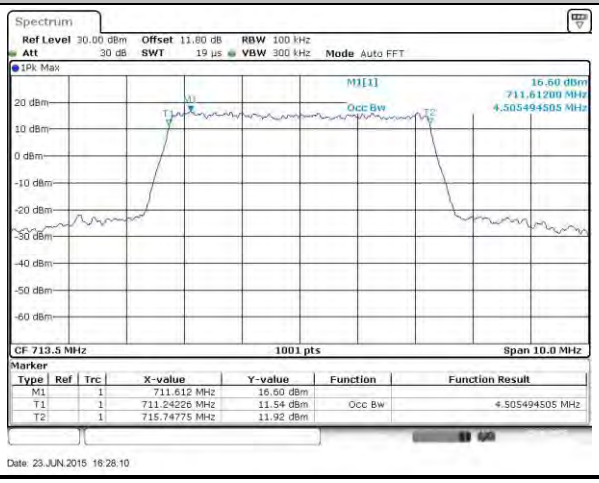
Middle Channel / 5MHz / QPSK



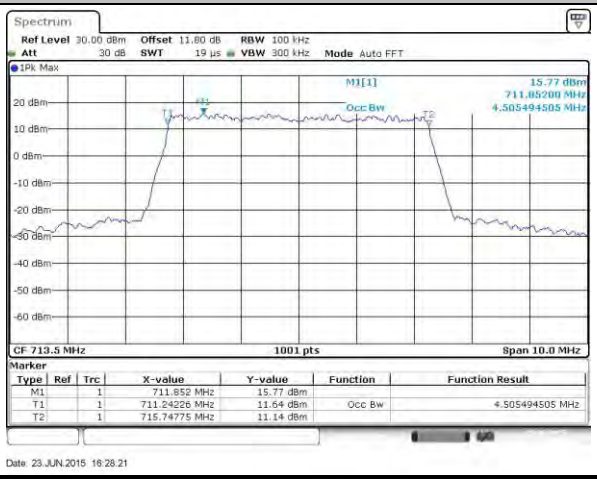
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

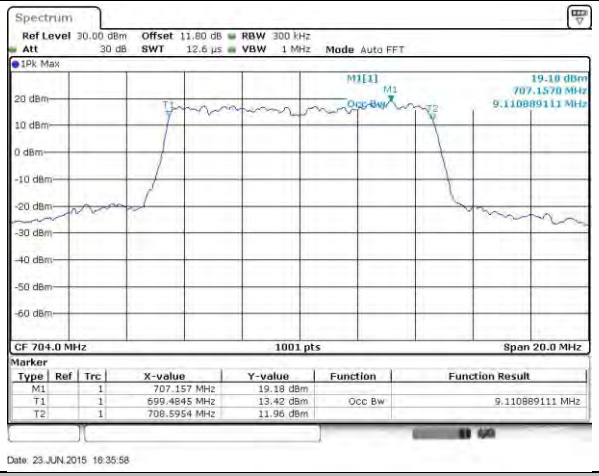


Highest Channel / 5MHz / 16QAM

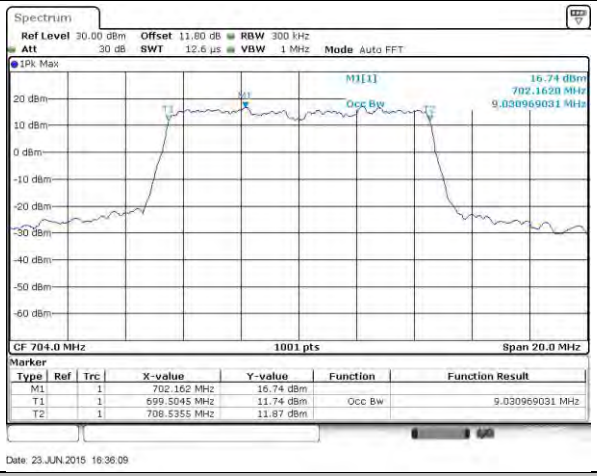


LTE Band 12

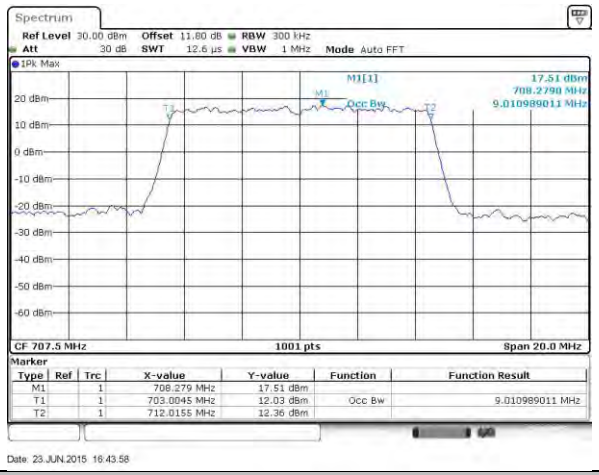
Lowest Channel / 10MHz / QPSK



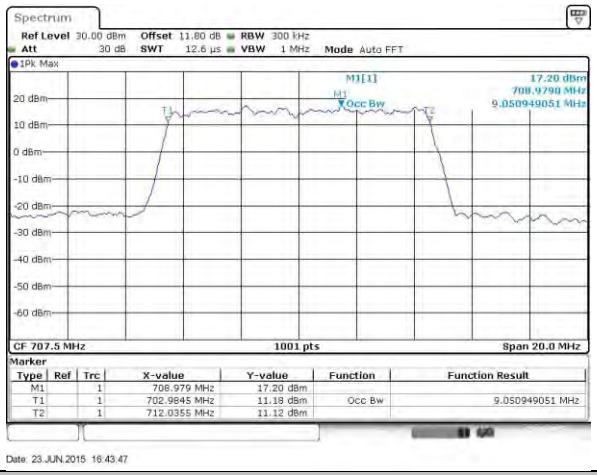
Lowest Channel / 10MHz / 16QAM



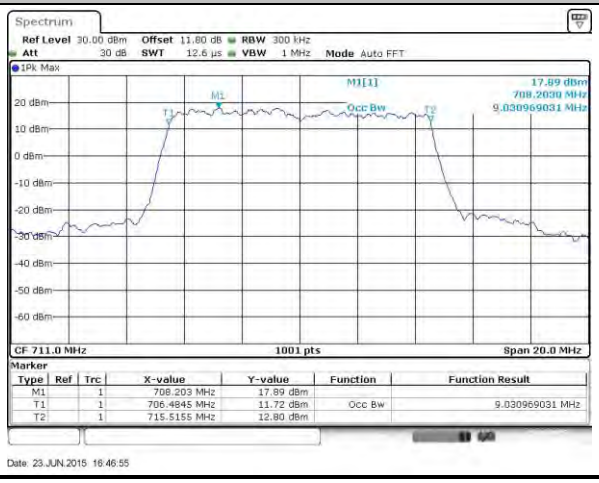
Middle Channel / 10MHz / QPSK



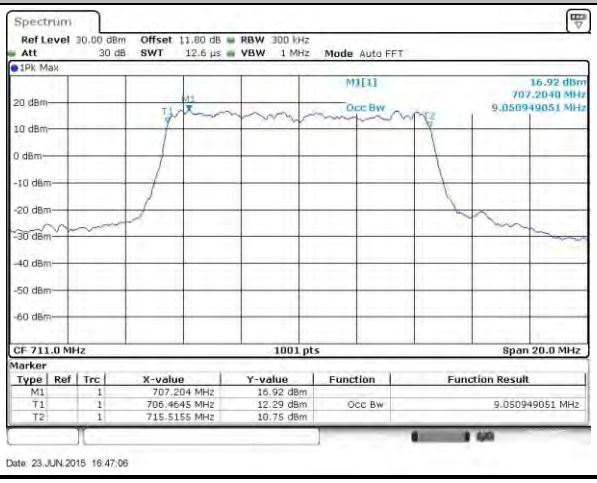
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

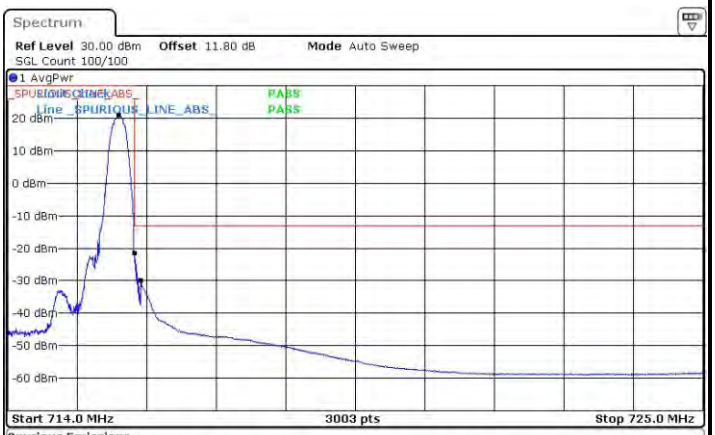
Lowest Band Edge / 1 RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.93 dBm	-13.93 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-19.68 dBm	-6.68 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25475 MHz	21.27 dBm	-8.73 dB

Date: 23.JUN.2015 17:02:03

Highest Band Edge / 1RB

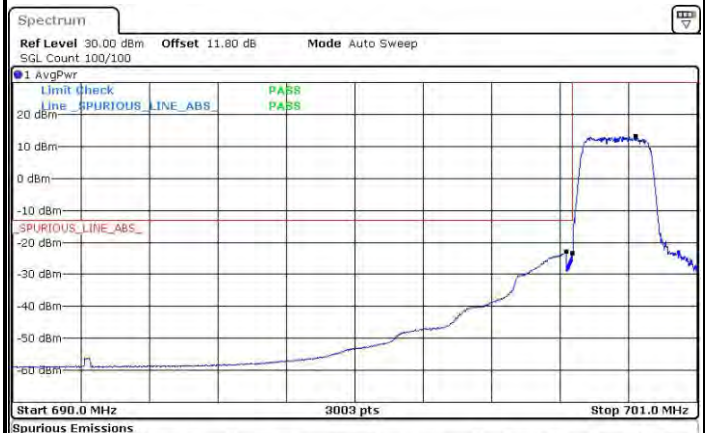


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.76124 MHz	21.12 dBm	-8.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-21.60 dBm	-8.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.78 dBm	-16.78 dB

Date: 23.JUN.2015 17:13:02

Lowest Band Edge / Full RB

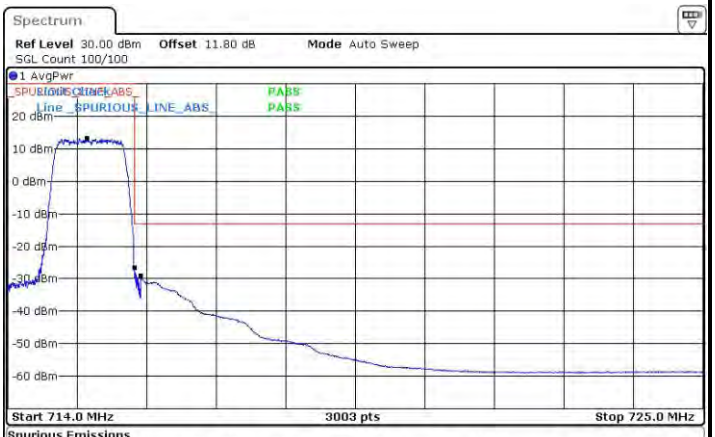


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-22.84 dBm	-9.84 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99955 MHz	-23.26 dBm	-10.26 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.00799 MHz	13.30 dBm	-16.70 dB

Date: 23.JUN.2015 16:58:32

Highest Band Edge / Full RB



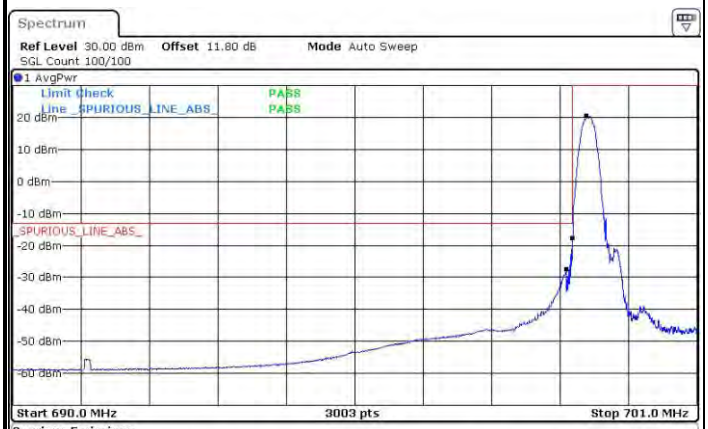
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.25574 MHz	13.07 dBm	-16.93 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-26.52 dBm	-13.52 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.12 dBm	-16.12 dB

Date: 23.JUN.2015 17:09:31

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

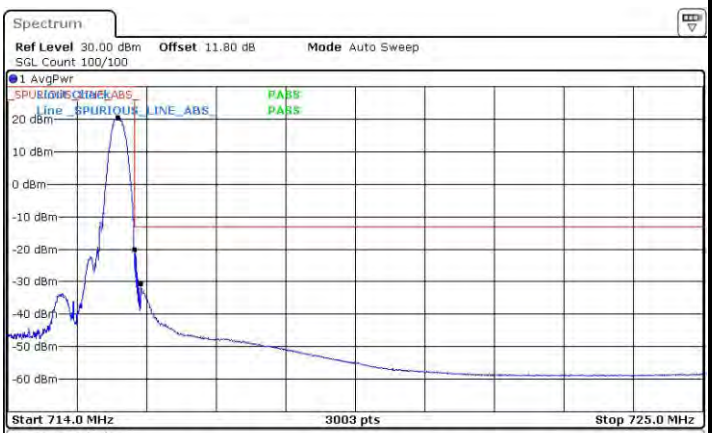


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.48 dBm	-14.48 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99785 MHz	-17.65 dBm	-4.65 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.21479 MHz	20.46 dBm	-9.54 dB

Date: 23.JUN.2015 17:21:08

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.73526 MHz	20.57 dBm	-9.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-20.07 dBm	-7.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.65 dBm	-17.65 dB

Date: 23.JUN.2015 17:11:52

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	-26.75 dBm	-13.75 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99525 MHz	-26.70 dBm	-13.70 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.53846 MHz	11.99 dBm	-18.01 dB

Date: 23.JUN.2015 16:59:42

Highest Band Edge / Full RB

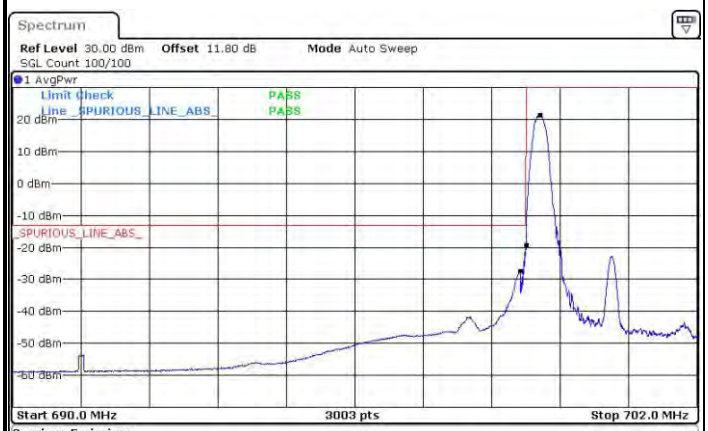
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.68132 MHz	12.18 dBm	-17.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00355 MHz	-27.98 dBm	-14.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.69 dBm	-18.69 dB

Date: 23.JUN.2015 17:10:42

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

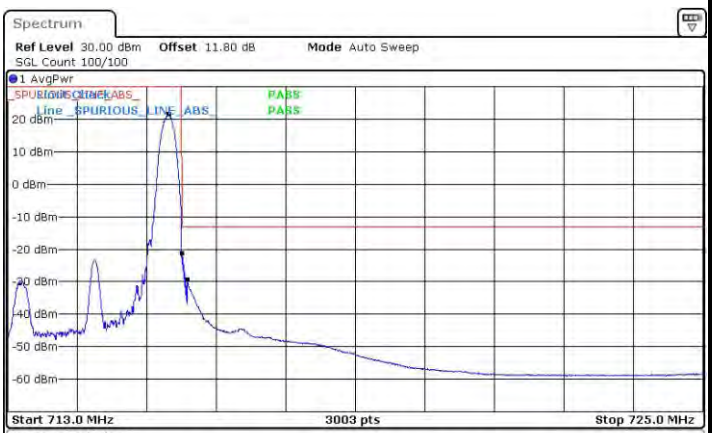


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.41 dBm	-14.41 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-19.20 dBm	-6.20 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25624 MHz	21.29 dBm	-8.71 dB

Date: 23.JUN.2015 16:03:45

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77373 MHz	21.52 dBm	-8.48 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00614 MHz	-21.10 dBm	-8.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.26 dBm	-16.26 dB

Date: 23.JUN.2015 16:14:41

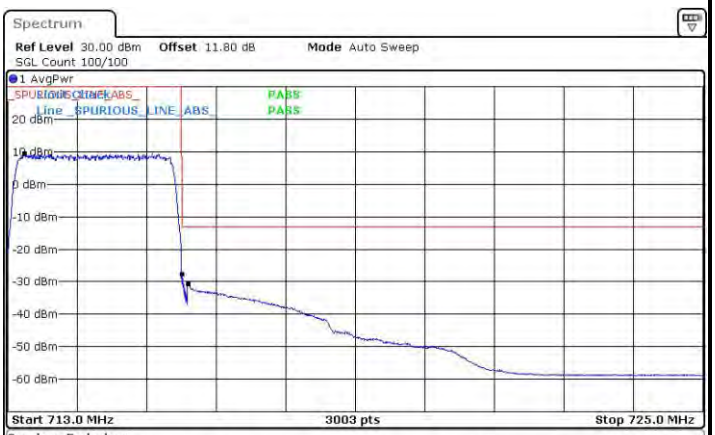
Lowest Band Edge / Full RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-24.88 dBm	-11.88 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99436 MHz	-25.39 dBm	-12.39 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.04446 MHz	9.56 dBm	-20.44 dB

Date: 23.JUN.2015 16:00:14

Highest Band Edge / Full RB



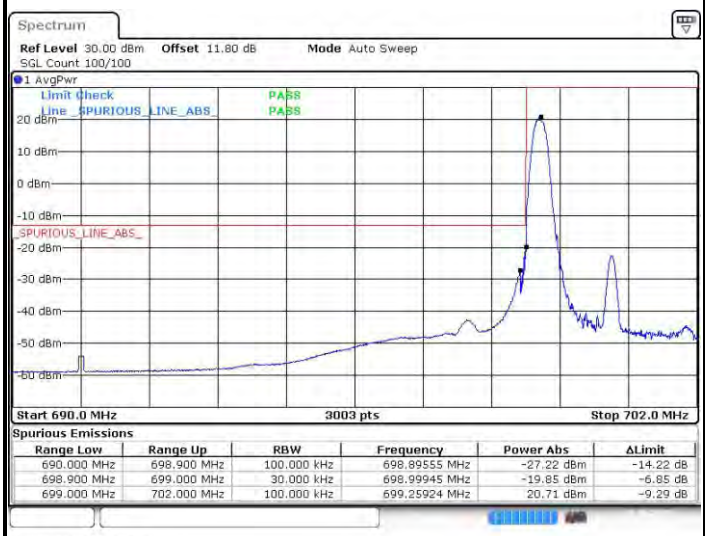
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.28621 MHz	9.34 dBm	-20.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00395 MHz	-27.61 dBm	-14.61 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-30.74 dBm	-17.74 dB

Date: 23.JUN.2015 16:11:11

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

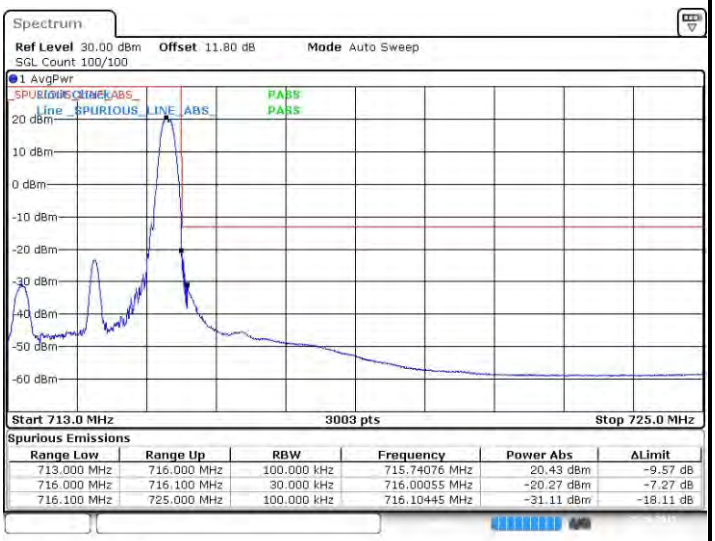


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.22 dBm	-14.22 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-19.85 dBm	-6.85 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25924 MHz	20.71 dBm	-9.29 dB

Date: 23.JUN.2015 16:02:34

Highest Band Edge / 1 RB

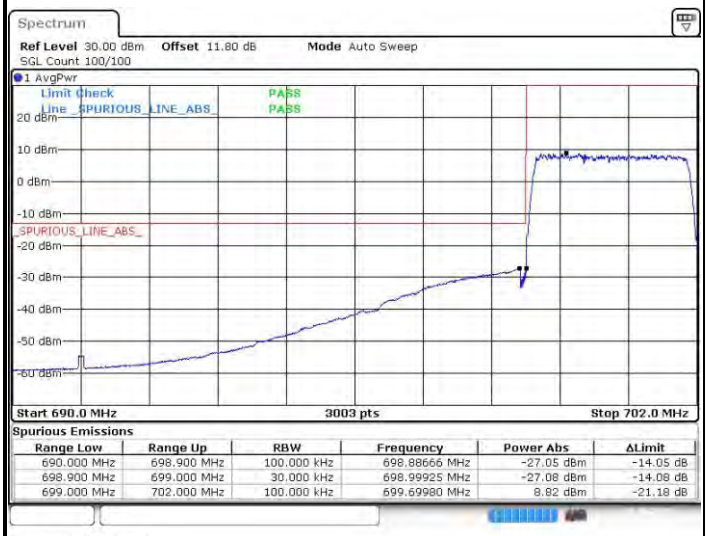


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74076 MHz	20.43 dBm	-9.57 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-20.27 dBm	-7.27 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.11 dBm	-18.11 dB

Date: 23.JUN.2015 16:13:31

Lowest Band Edge / Full RB

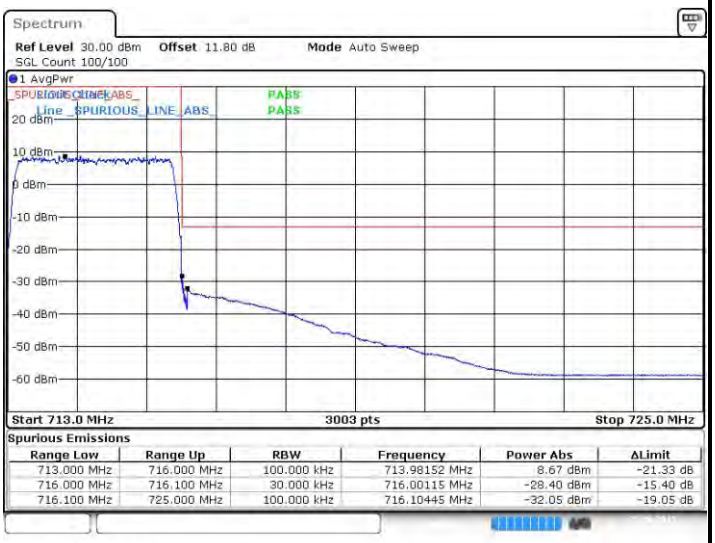


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-27.05 dBm	-14.05 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-27.08 dBm	-14.08 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.69980 MHz	8.82 dBm	-21.18 dB

Date: 23.JUN.2015 16:01:24

Highest Band Edge / Full RB



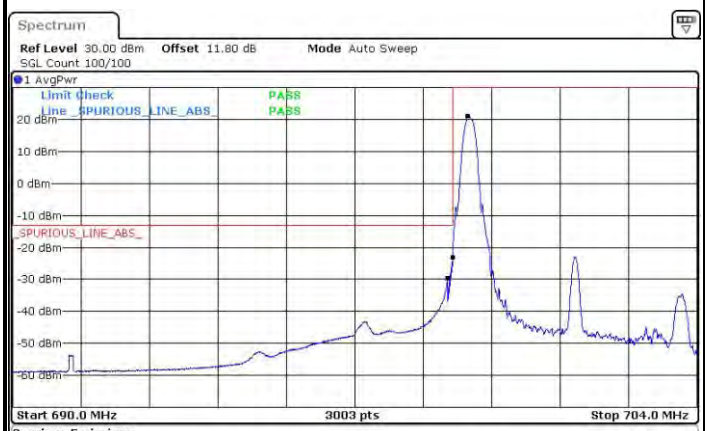
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.98152 MHz	8.67 dBm	-21.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-28.40 dBm	-15.40 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.05 dBm	-19.05 dB

Date: 23.JUN.2015 16:12:21

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

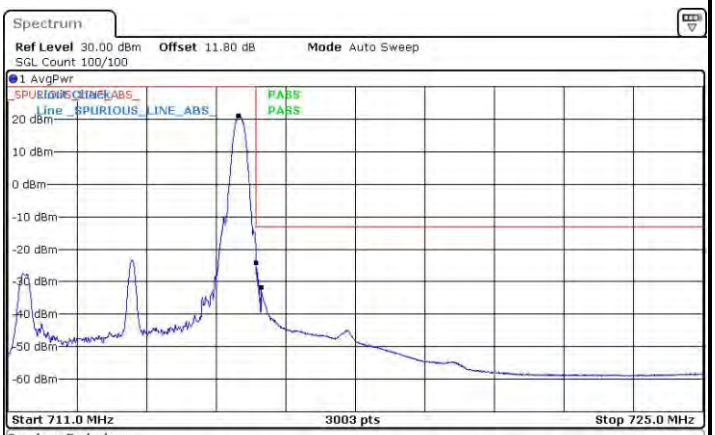


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.57 dBm	-16.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99775 MHz	-22.99 dBm	-9.99 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.30719 MHz	21.01 dBm	-8.99 dB

Date: 23.JUN.2015 16:22:30

Highest Band Edge / 1 RB

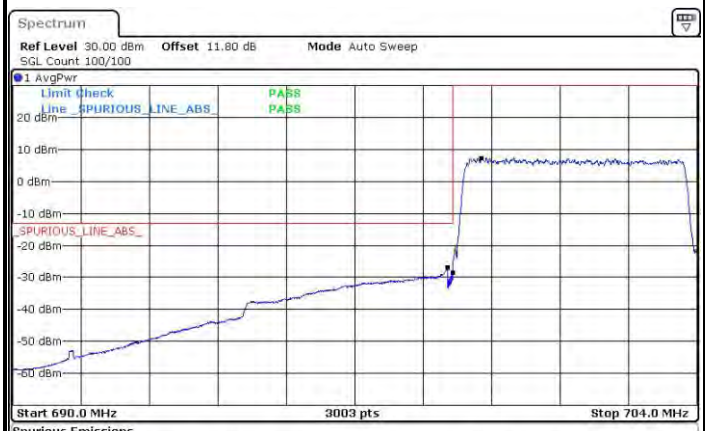


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64286 MHz	21.09 dBm	-8.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-24.31 dBm	-11.31 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.88 dBm	-18.88 dB

Date: 23.JUN.2015 16:32:16

Lowest Band Edge / Full RB

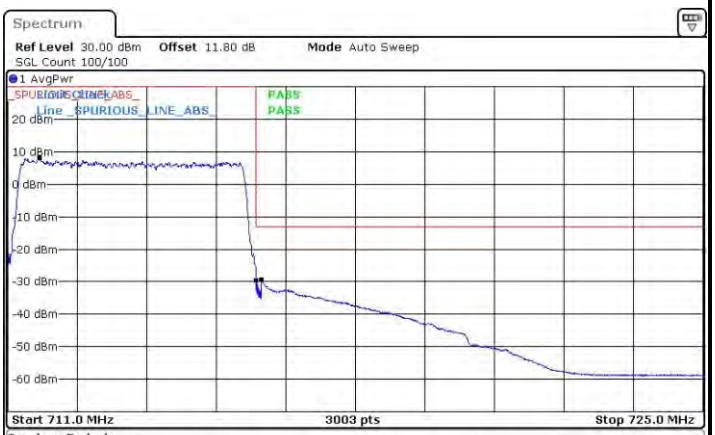


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.02 dBm	-14.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99436 MHz	-28.52 dBm	-15.52 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.59191 MHz	7.32 dBm	-22.68 dB

Date: 23.JUN.2015 16:19:00

Highest Band Edge / Full RB



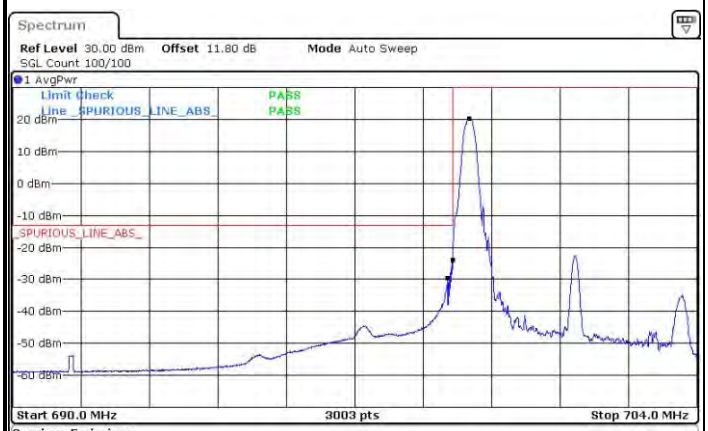
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.64186 MHz	8.10 dBm	-21.90 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-29.71 dBm	-16.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.35 dBm	-16.35 dB

Date: 23.JUN.2015 16:29:56

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

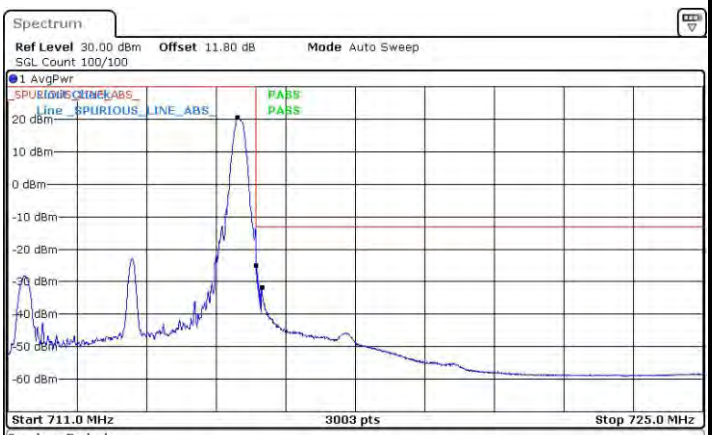


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.73 dBm	-16.73 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99595 MHz	-23.88 dBm	-10.88 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33217 MHz	20.23 dBm	-9.77 dB

Date: 23.JUN.2015 16:21:20

Highest Band Edge / 1 RB

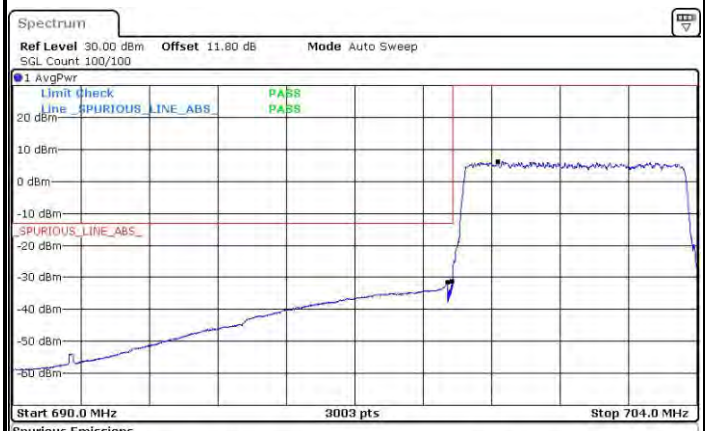


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.61788 MHz	20.46 dBm	-9.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-24.95 dBm	-11.95 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.81 dBm	-18.81 dB

Date: 23.JUN.2015 16:33:26

Lowest Band Edge / Full RB

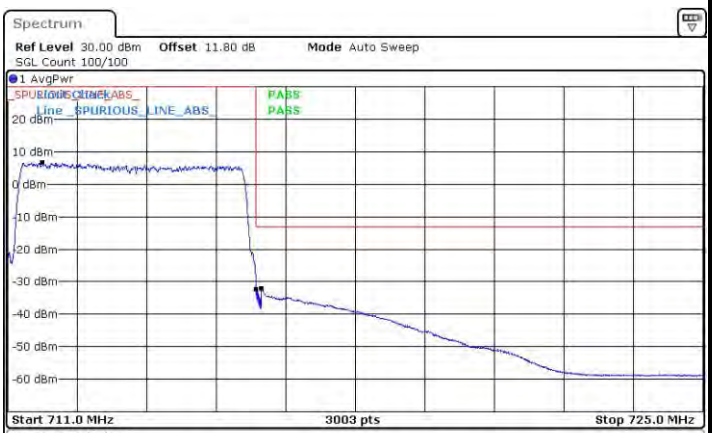


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.43 dBm	-18.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99026 MHz	-31.33 dBm	-18.33 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.92158 MHz	6.24 dBm	-23.76 dB

Date: 23.JUN.2015 16:20:10

Highest Band Edge / Full RB



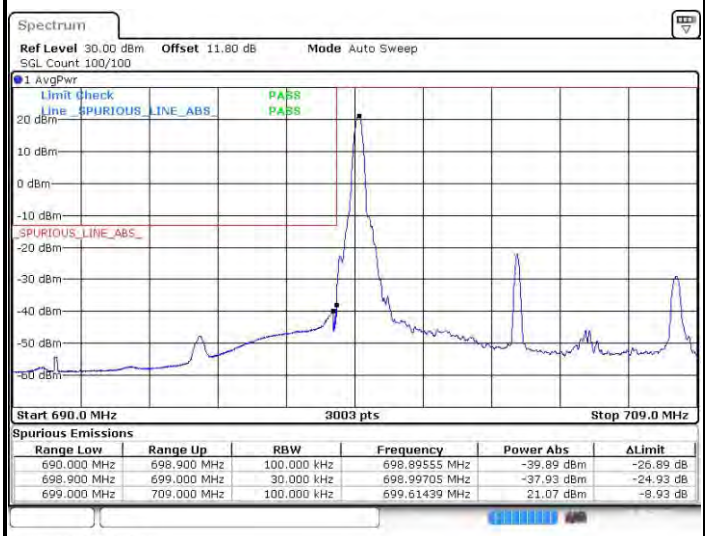
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.69680 MHz	6.80 dBm	-23.20 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00475 MHz	-32.34 dBm	-19.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.08 dBm	-19.08 dB

Date: 23.JUN.2015 16:31:06

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

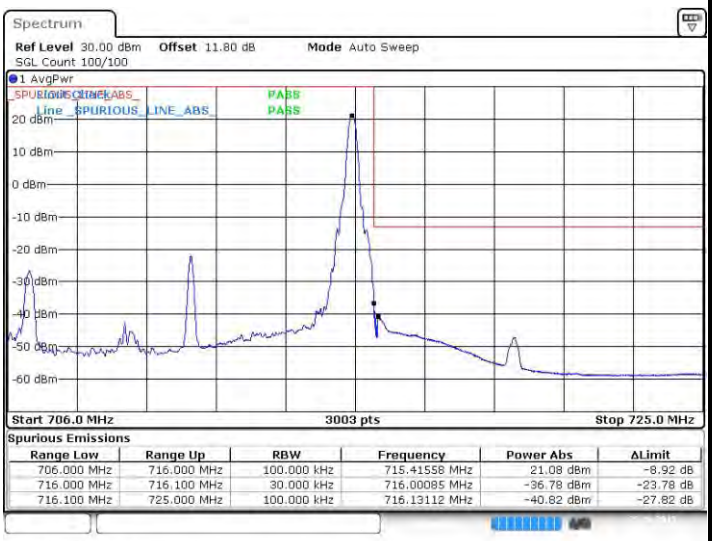


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.89 dBm	-26.89 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99705 MHz	-37.93 dBm	-24.93 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	21.07 dBm	-8.93 dB

Date: 23.JUN.2015 16:41:15

Highest Band Edge / 1 RB

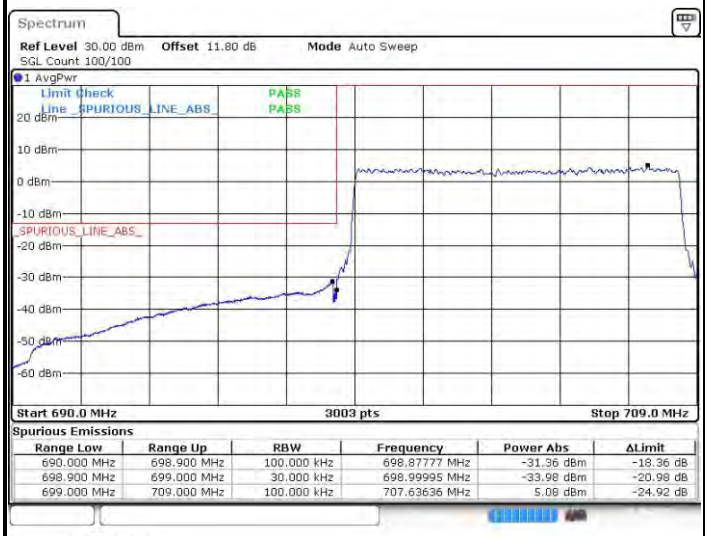


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	21.08 dBm	-8.92 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-36.78 dBm	-23.78 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-40.82 dBm	-27.82 dB

Date: 23.JUN.2015 16:52:11

Lowest Band Edge / Full RB

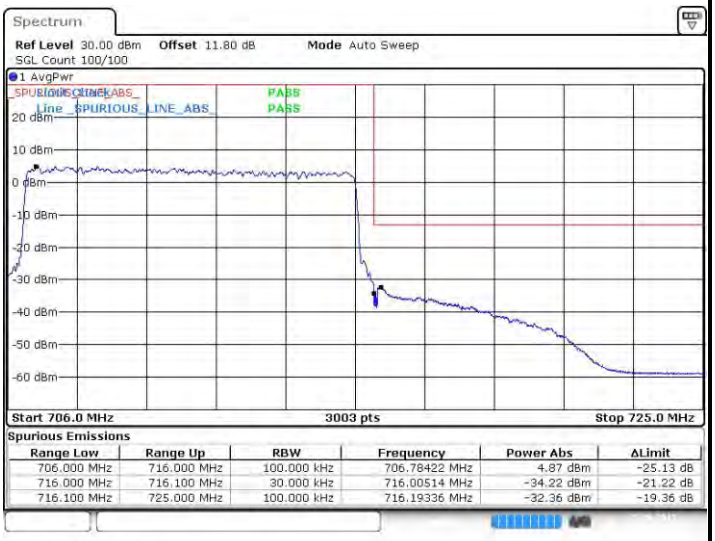


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-31.36 dBm	-18.36 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-33.98 dBm	-20.98 dB
699.000 MHz	709.000 MHz	100.000 kHz	707.63636 MHz	5.08 dBm	-24.92 dB

Date: 23.JUN.2015 16:37:44

Highest Band Edge / Full RB



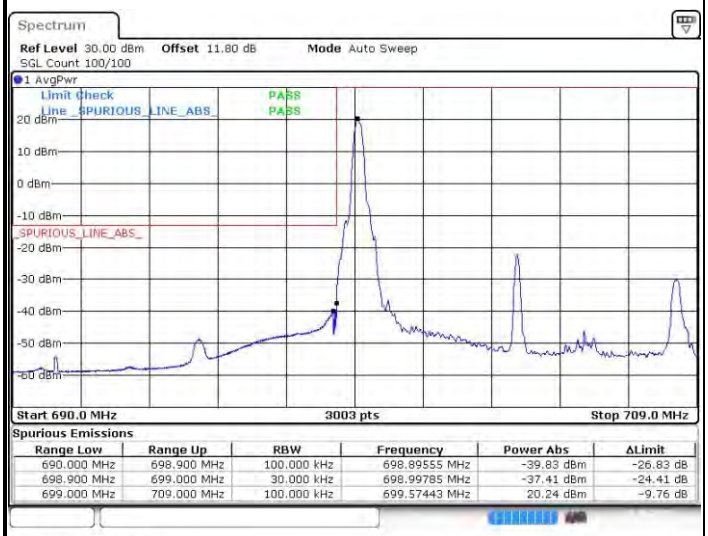
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	706.78422 MHz	4.87 dBm	-25.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00514 MHz	-34.22 dBm	-21.22 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.19336 MHz	-32.36 dBm	-19.36 dB

Date: 23.JUN.2015 16:48:41

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

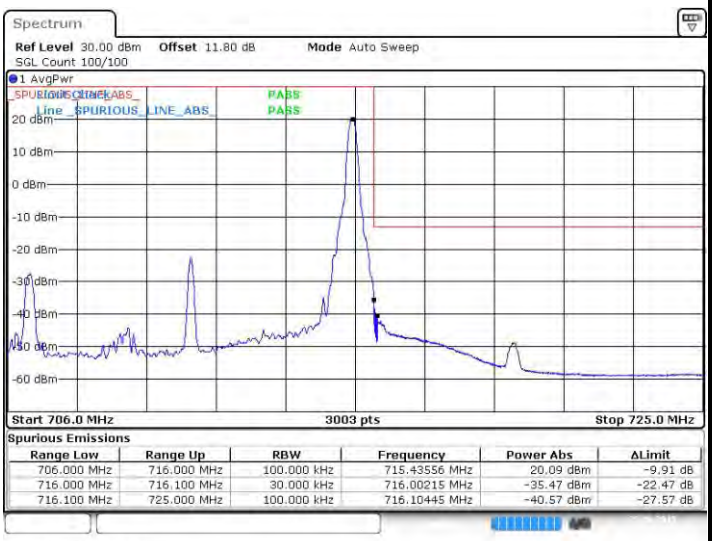


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.83 dBm	-26.83 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99785 MHz	-37.41 dBm	-24.41 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	20.24 dBm	-9.76 dB

Date: 23.JUN.2015 16:40:05

Highest Band Edge / 1 RB

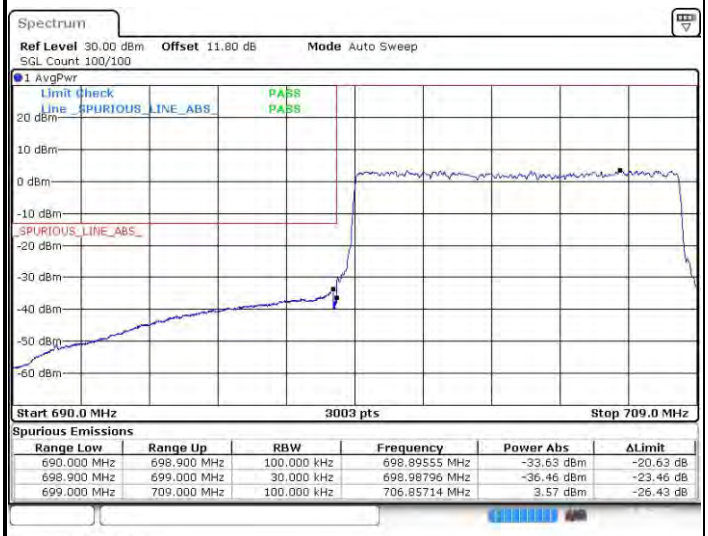


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	20.09 dBm	-9.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00215 MHz	-35.47 dBm	-22.47 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.57 dBm	-27.57 dB

Date: 23.JUN.2015 16:51:01

Lowest Band Edge / Full RB

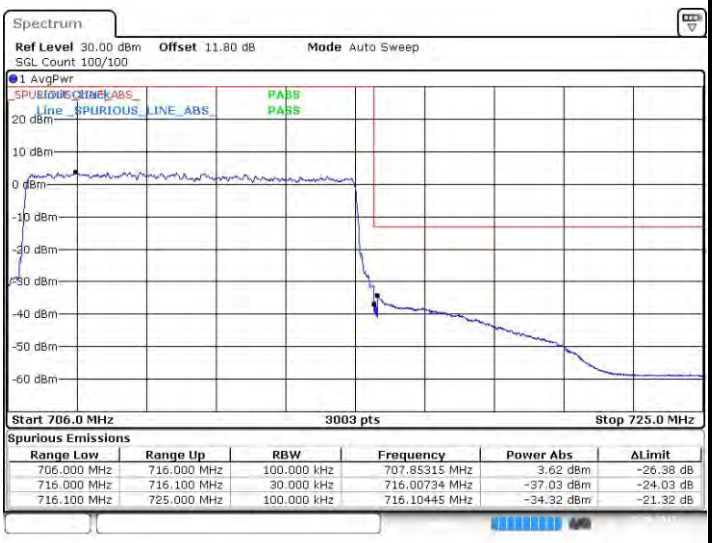


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.63 dBm	-20.63 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98796 MHz	-36.46 dBm	-23.46 dB
699.000 MHz	709.000 MHz	100.000 kHz	706.85714 MHz	3.57 dBm	-26.43 dB

Date: 23.JUN.2015 16:38:55

Highest Band Edge / Full RB



Spurious Emissions

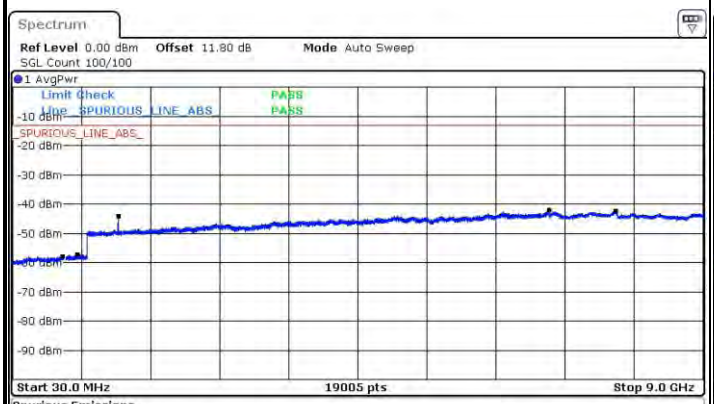
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.85315 MHz	3.62 dBm	-26.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00734 MHz	-37.03 dBm	-24.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.32 dBm	-21.32 dB

Date: 23.JUN.2015 16:49:51

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

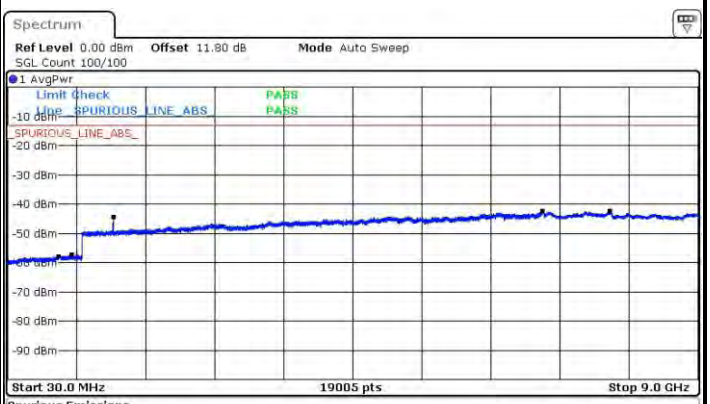


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.63118 MHz	-57.94 dBm	-44.94 dB
725.000 MHz	1.000 GHz	100.000 kHz	868.81868 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.30 dBm	-31.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.19 dBm	-29.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-42.35 dBm	-29.35 dB

Date: 23.JUN.2015 17:03:14

Lowest Channel / 16QAM

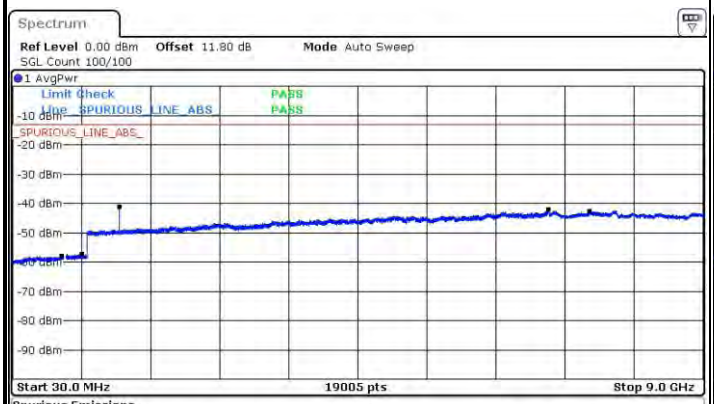


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.52624 MHz	-57.99 dBm	-44.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	864.14835 MHz	-57.21 dBm	-44.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-42.47 dBm	-29.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.84904 GHz	-42.43 dBm	-29.43 dB

Date: 23.JUN.2015 17:04:24

Middle Channel / QPSK

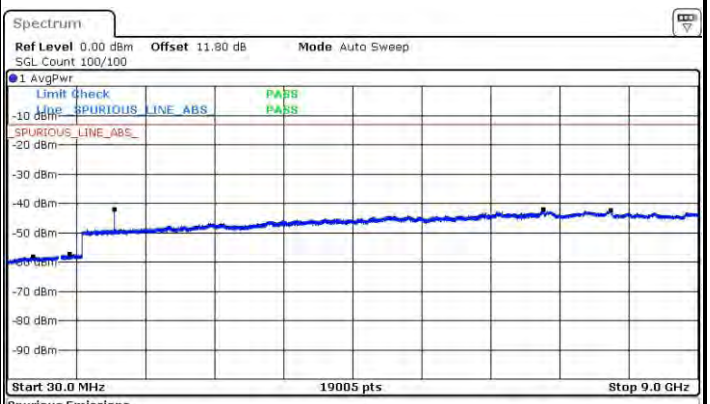


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.36432 MHz	-58.03 dBm	-45.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	924.86264 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-41.25 dBm	-28.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.08 dBm	-29.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.52612 GHz	-42.58 dBm	-29.58 dB

Date: 23.JUN.2015 17:07:33

Middle Channel / 16QAM



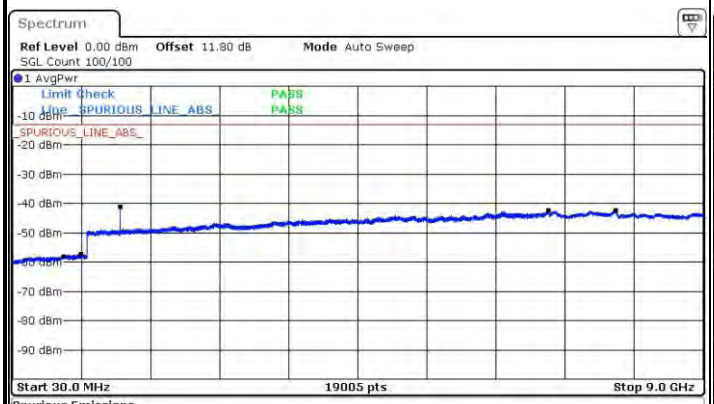
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	358.02099 MHz	-58.06 dBm	-45.06 dB
725.000 MHz	1.000 GHz	100.000 kHz	835.02747 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-42.18 dBm	-29.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-42.37 dBm	-29.37 dB

Date: 23.JUN.2015 17:06:23

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

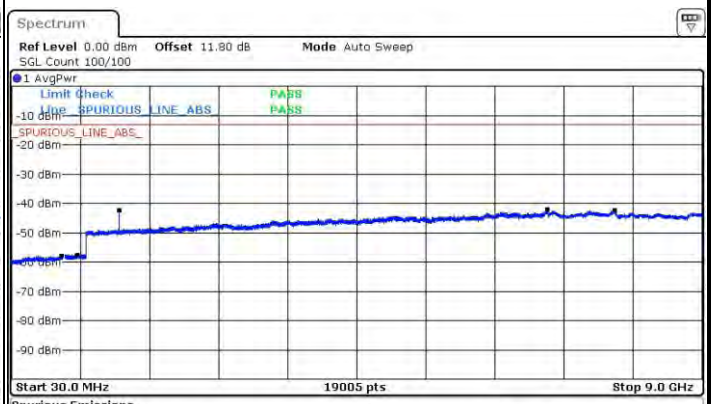


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-58.07 dBm	-45.07 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.71978 MHz	-57.27 dBm	-44.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-41.26 dBm	-28.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-42.38 dBm	-29.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-42.38 dBm	-29.38 dB

Date: 23.JUN.2015 17:14:13

Highest Channel / 16QAM



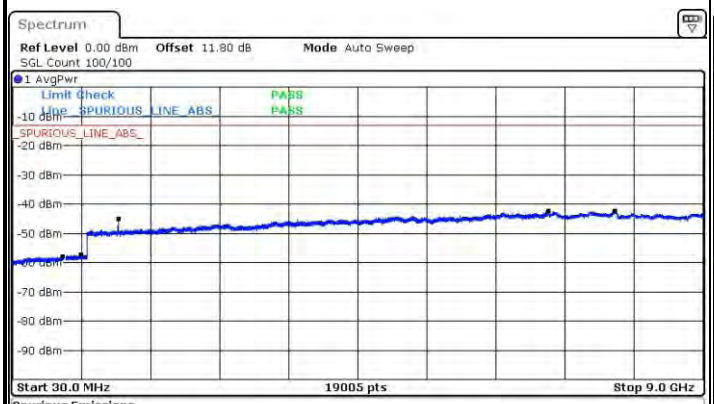
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.94003 MHz	-58.00 dBm	-45.00 dB
725.000 MHz	1.000 GHz	100.000 kHz	876.78571 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-42.33 dBm	-29.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86353 GHz	-42.44 dBm	-29.44 dB

Date: 23.JUN.2015 17:15:23

LTE Band 12 / 3MHz

Lowest Channel / QPSK

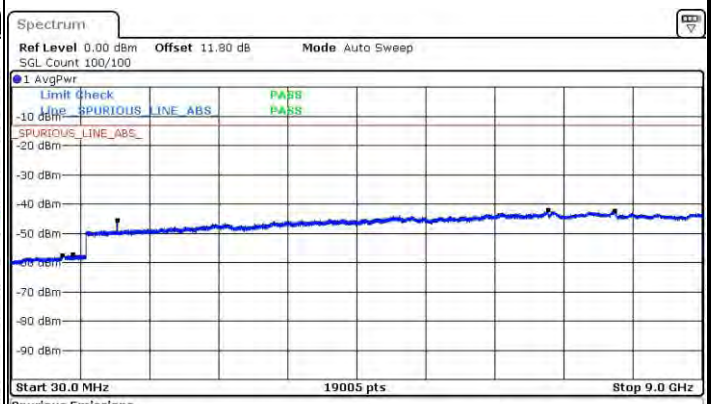


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-57.96 dBm	-44.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	910.85165 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.09 dBm	-32.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-42.32 dBm	-29.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.49 dBm	-29.49 dB

Date: 23.JUN.2015 16:04:55

Lowest Channel / 16QAM



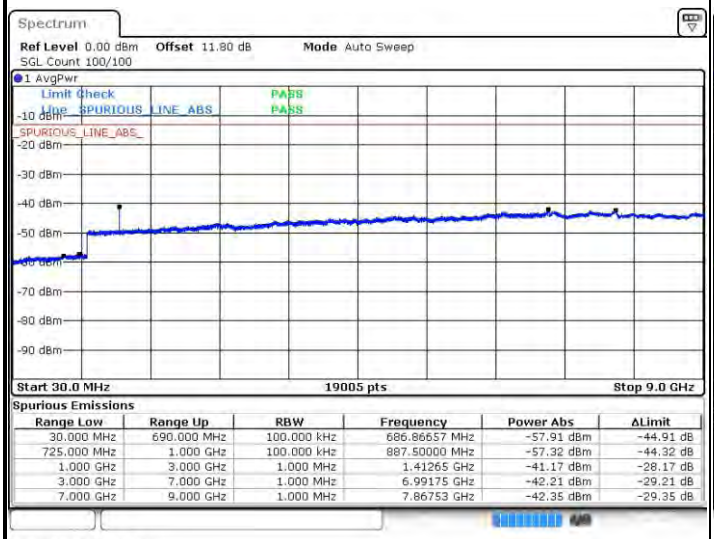
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-57.51 dBm	-44.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	828.15934 MHz	-57.42 dBm	-44.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.56 dBm	-32.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.16 dBm	-29.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86653 GHz	-42.27 dBm	-29.27 dB

Date: 23.JUN.2015 16:06:05

LTE Band 12 / 3MHz

Middle Channel / QPSK

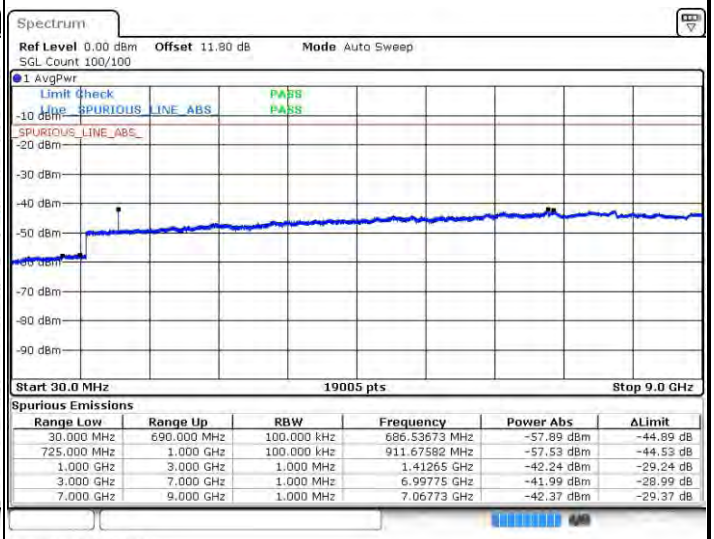


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-57.91 dBm	-44.91 dB
725.000 MHz	1.000 GHz	100.000 kHz	887.50000 MHz	-57.32 dBm	-44.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-41.17 dBm	-28.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.21 dBm	-29.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86753 GHz	-42.35 dBm	-29.35 dB

Date: 23.JUN.2015 16:09:14

Middle Channel / 16QAM

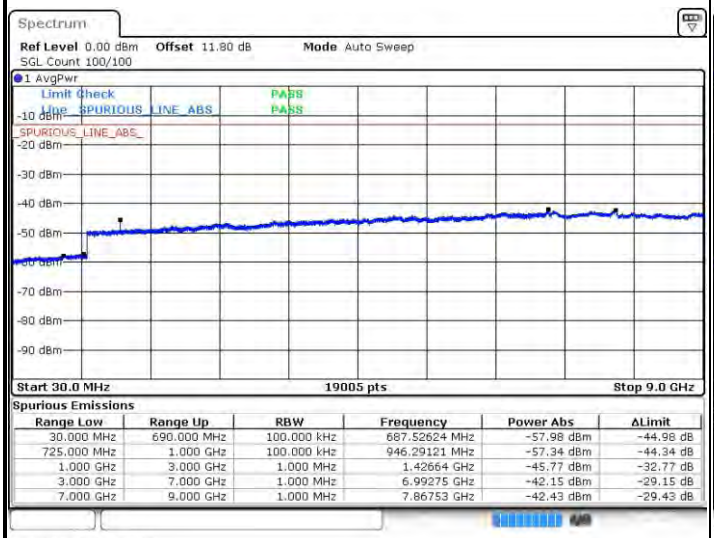


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.53673 MHz	-57.89 dBm	-44.89 dB
725.000 MHz	1.000 GHz	100.000 kHz	911.67582 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-42.24 dBm	-29.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-41.99 dBm	-28.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06773 GHz	-42.37 dBm	-29.37 dB

Date: 23.JUN.2015 16:08:04

Highest Channel / QPSK

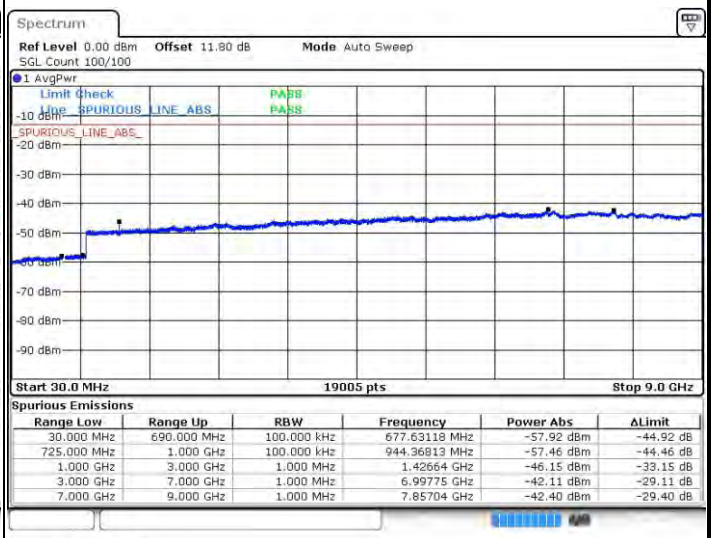


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.52624 MHz	-57.98 dBm	-44.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	946.29121 MHz	-57.34 dBm	-44.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.15 dBm	-29.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86753 GHz	-42.43 dBm	-29.43 dB

Date: 23.JUN.2015 16:15:52

Highest Channel / 16QAM



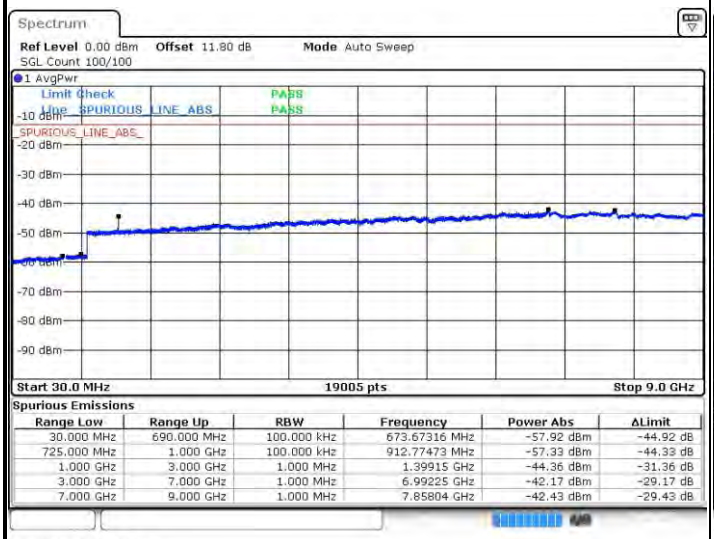
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.63118 MHz	-57.92 dBm	-44.92 dB
725.000 MHz	1.000 GHz	100.000 kHz	944.36813 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-46.15 dBm	-33.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.11 dBm	-29.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.40 dBm	-29.40 dB

Date: 23.JUN.2015 16:17:02

LTE Band 12 / 5MHz

Lowest Channel / QPSK

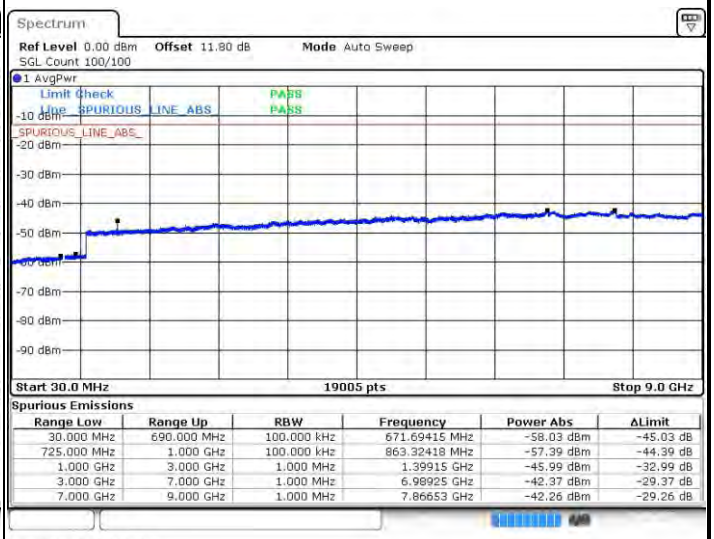


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.67316 MHz	-57.92 dBm	-44.92 dB
725.000 MHz	1.000 GHz	100.000 kHz	912.77473 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-44.36 dBm	-31.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.17 dBm	-29.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-42.43 dBm	-29.43 dB

Date: 23.JUN.2015 16:23:41

Lowest Channel / 16QAM

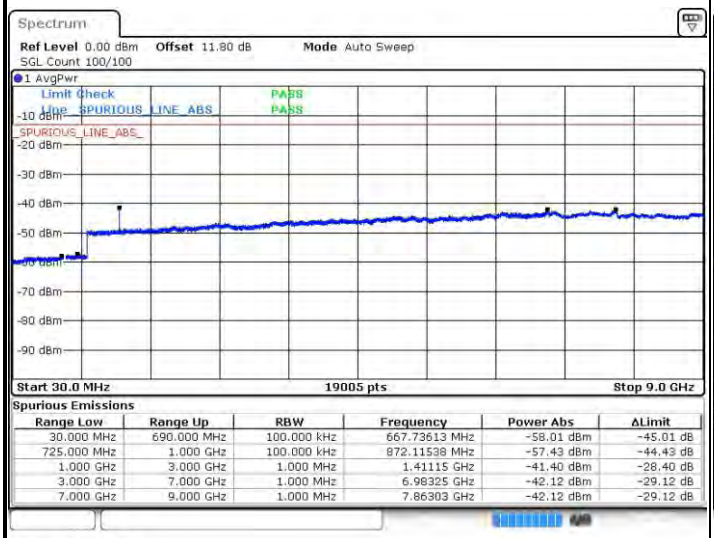


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.69415 MHz	-58.03 dBm	-45.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	863.32418 MHz	-57.39 dBm	-44.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.37 dBm	-29.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86653 GHz	-42.26 dBm	-29.26 dB

Date: 23.JUN.2015 16:24:51

Middle Channel / QPSK

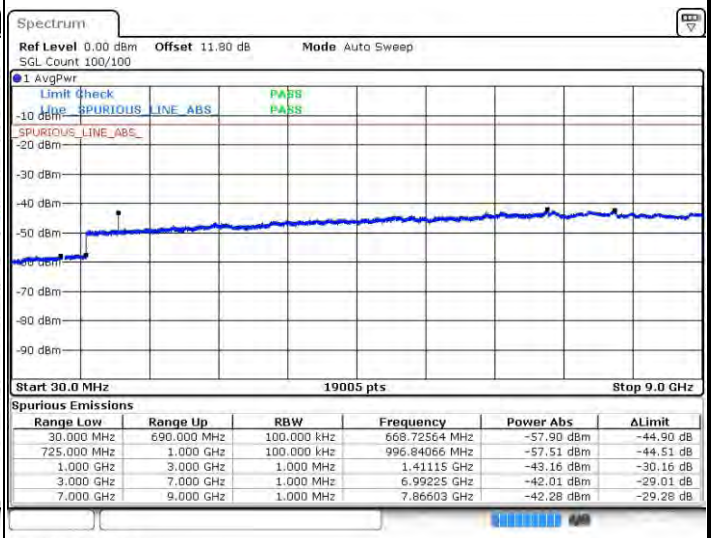


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.73613 MHz	-58.01 dBm	-45.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	872.11538 MHz	-57.43 dBm	-44.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-41.40 dBm	-28.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-42.12 dBm	-29.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86303 GHz	-42.12 dBm	-29.12 dB

Date: 23.JUN.2015 16:27:59

Middle Channel / 16QAM



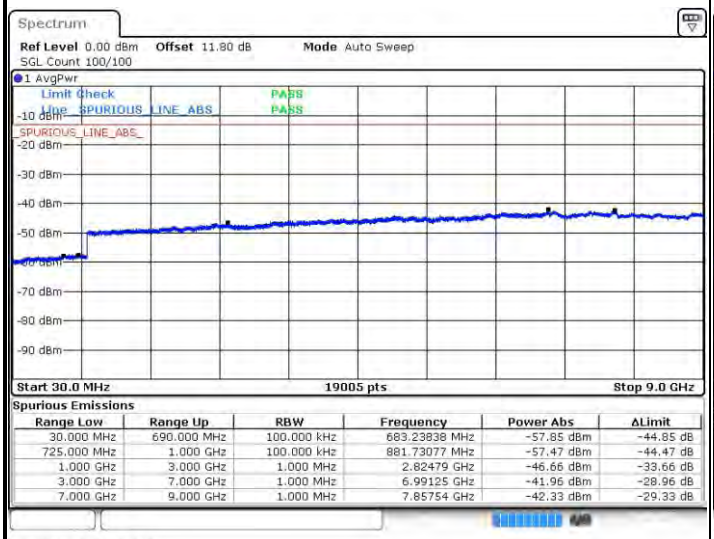
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.72564 MHz	-57.90 dBm	-44.90 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.84066 MHz	-57.51 dBm	-44.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86603 GHz	-42.28 dBm	-29.28 dB

Date: 23.JUN.2015 16:26:49

LTE Band 12 / 5MHz

Highest Channel / QPSK

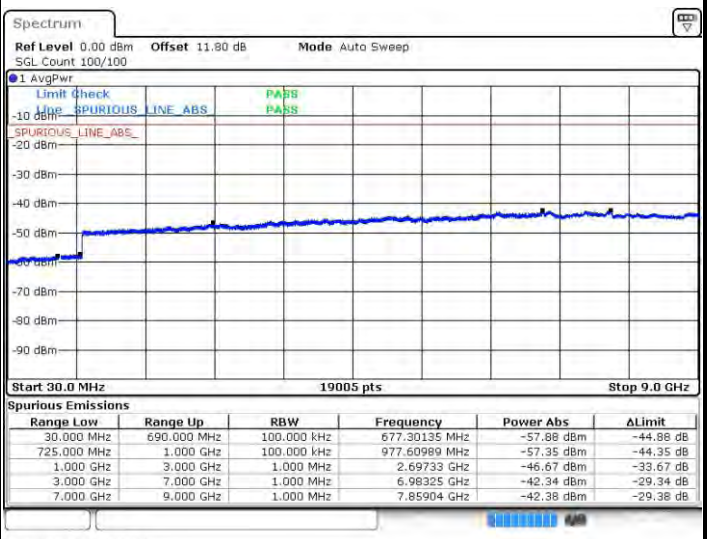


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.23838 MHz	-57.85 dBm	-44.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	881.73077 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82479 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.96 dBm	-28.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.33 dBm	-29.33 dB

Date: 23.JUN.2015 16:35:47

Highest Channel / 16QAM



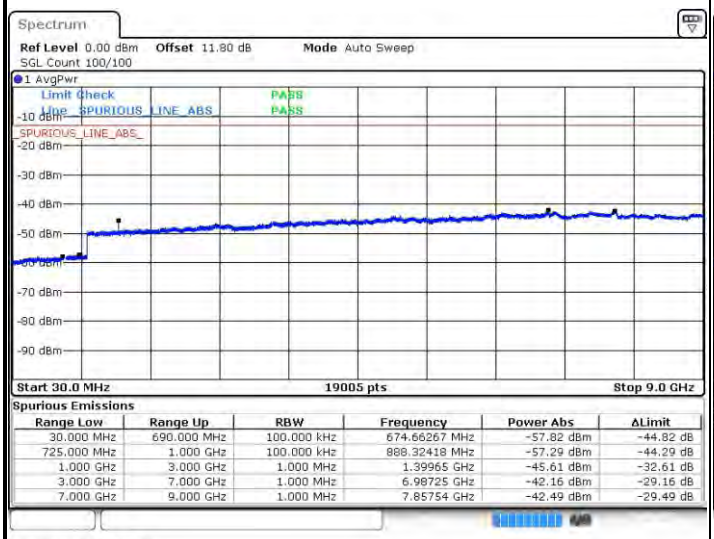
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-57.88 dBm	-44.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	977.60989 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.69733 GHz	-46.67 dBm	-33.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-42.34 dBm	-29.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-42.38 dBm	-29.38 dB

Date: 23.JUN.2015 16:34:37

LTE Band 12 / 10MHz

Lowest Channel / QPSK

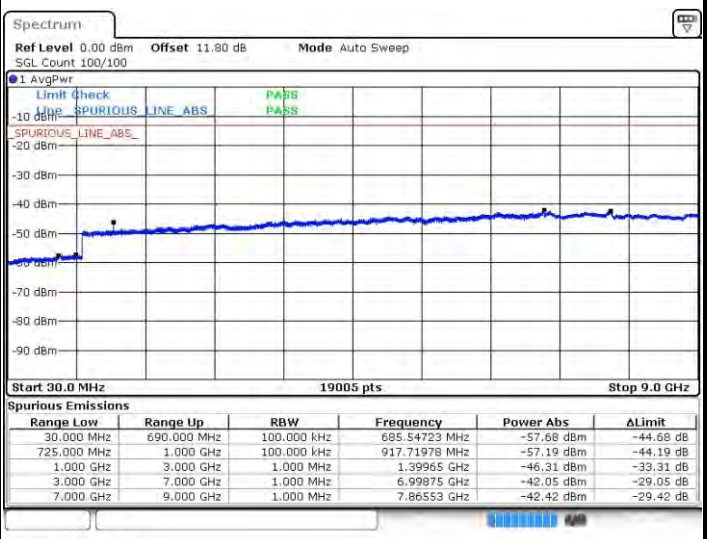


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.66267 MHz	-57.82 dBm	-44.82 dB
725.000 MHz	1.000 GHz	100.000 kHz	888.32418 MHz	-57.29 dBm	-44.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-45.61 dBm	-32.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-42.16 dBm	-29.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.49 dBm	-29.49 dB

Date: 23.JUN.2015 16:42:26

Lowest Channel / 16QAM



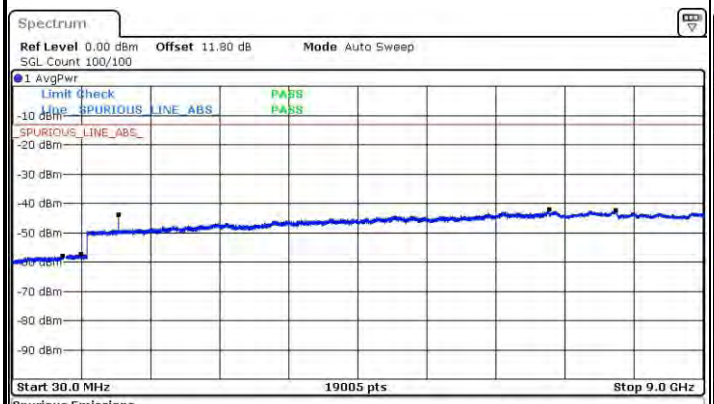
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-57.68 dBm	-44.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.71978 MHz	-57.19 dBm	-44.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-46.31 dBm	-33.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.05 dBm	-29.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-42.42 dBm	-29.42 dB

Date: 23.JUN.2015 16:43:36

LTE Band 12 / 10MHz

Middle Channel / QPSK

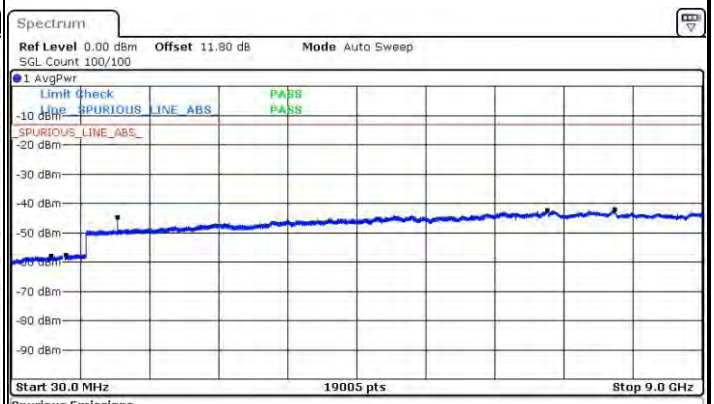


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-57.99 dBm	-44.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.99451 MHz	-57.42 dBm	-44.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-43.94 dBm	-30.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.21 dBm	-29.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-42.46 dBm	-29.46 dB

Date: 23.JUN.2015 16:46:44

Middle Channel / 16QAM

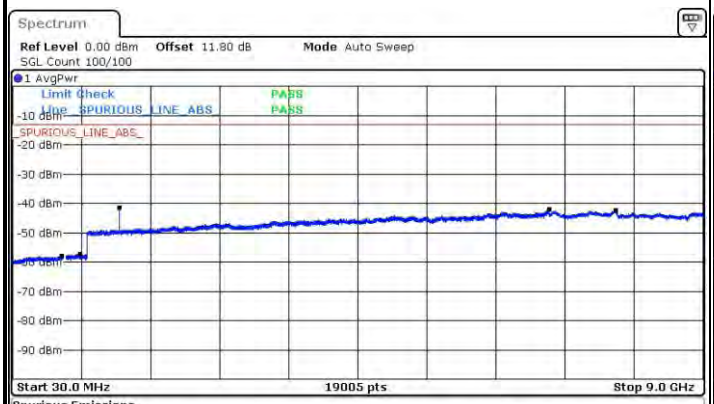


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	546.68666 MHz	-57.93 dBm	-44.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	732.28022 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-44.74 dBm	-31.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.39 dBm	-29.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86553 GHz	-42.08 dBm	-29.08 dB

Date: 23.JUN.2015 16:45:34

Highest Channel / QPSK

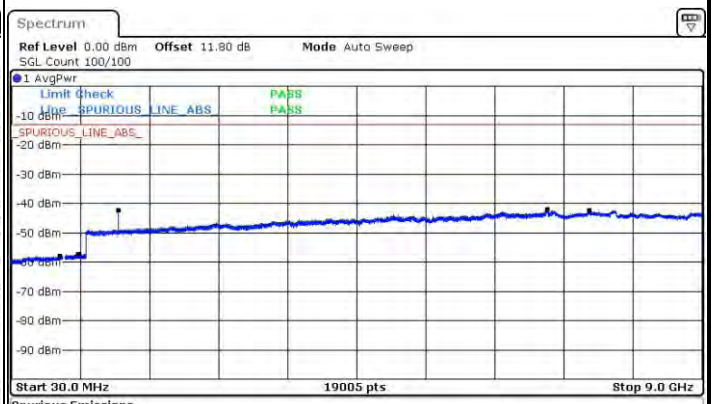


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.45877 MHz	-57.97 dBm	-44.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	904.53297 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-41.56 dBm	-28.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.04 dBm	-29.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-42.39 dBm	-29.39 dB

Date: 23.JUN.2015 16:53:21

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.87256 MHz	-57.96 dBm	-44.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	887.50000 MHz	-57.34 dBm	-44.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-42.40 dBm	-29.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.08 dBm	-29.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53112 GHz	-42.37 dBm	-29.37 dB

Date: 23.JUN.2015 16:54:32

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	0.0054	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0066	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0055	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

LTE Band 17

Conducted Output Power(Average power)

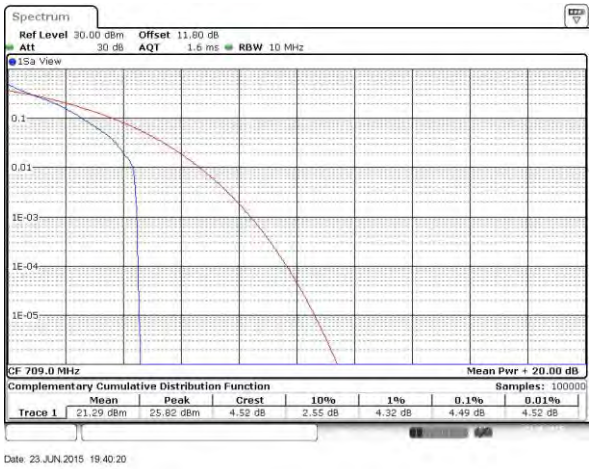
LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.02	23.11	23.05
5	1	12		22.99	22.97	22.89
5	1	24		22.93	22.78	22.85
5	12	0		21.89	21.89	21.85
5	12	6		21.96	21.90	21.82
5	12	11		21.94	21.91	21.82
5	25	0		21.87	21.92	21.89
5	1	0	16-QAM	22.23	22.23	22.27
5	1	12		22.13	22.12	22.13
5	1	24		22.22	22.10	22.07
5	12	0		20.74	20.79	20.73
5	12	6		20.83	20.79	20.80
5	12	11		20.88	20.79	20.78
5	25	0		20.84	20.89	20.79
10	1	0	QPSK	23.18	23.08	23.02
10	1	24		23.03	23.03	22.73
10	1	49		22.91	23.02	22.83
10	25	0		22.01	21.90	21.95
10	25	12		22.11	22.00	21.90
10	25	24		22.05	21.94	21.87
10	50	0		22.03	22.00	21.99
10	1	0	16-QAM	22.36	22.16	22.31
10	1	24		22.32	21.99	22.13
10	1	49		22.31	21.99	22.23
10	25	0		21.15	21.03	20.92
10	25	12		20.92	20.84	21.05
10	25	24		20.86	20.85	20.81
10	50	0		20.98	20.94	20.83

Peak-to-Average Ratio

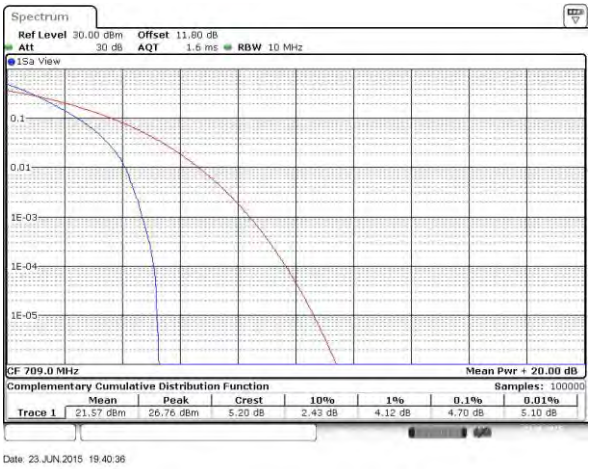
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	4.70	5.45	5.74	PASS
Middle CH	4.67	4.70	5.25	5.68	
Highest CH	4.67	4.75	5.22	5.68	

LTE Band 17 / 10MHz / QPSK

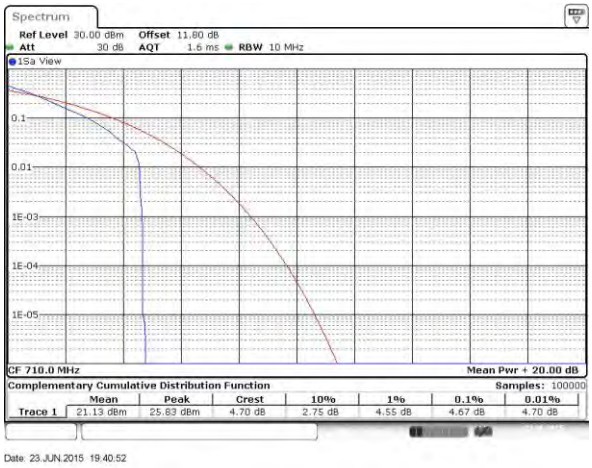
Lowest Channel / 1RB



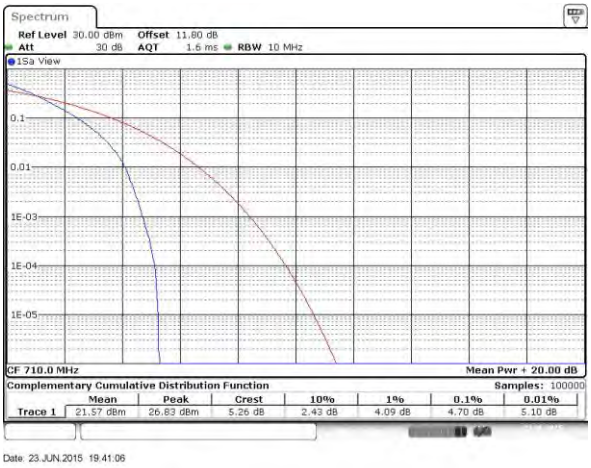
Lowest Channel / Full RB



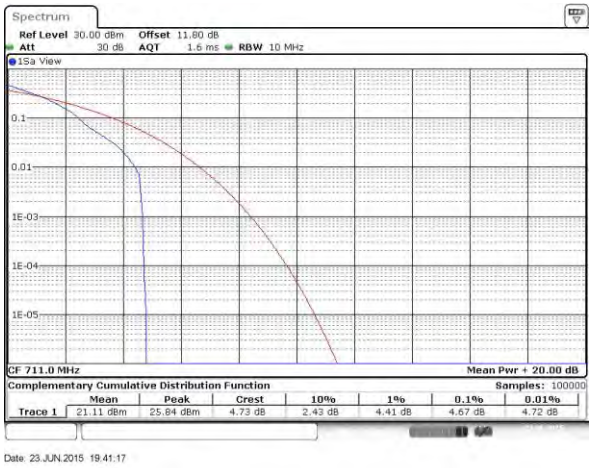
Middle Channel/ 1RB



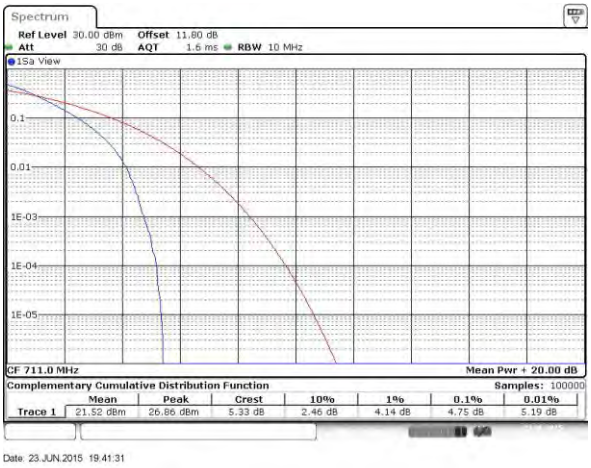
Middle Channel / Full RB



Highest Channel/ 1RB

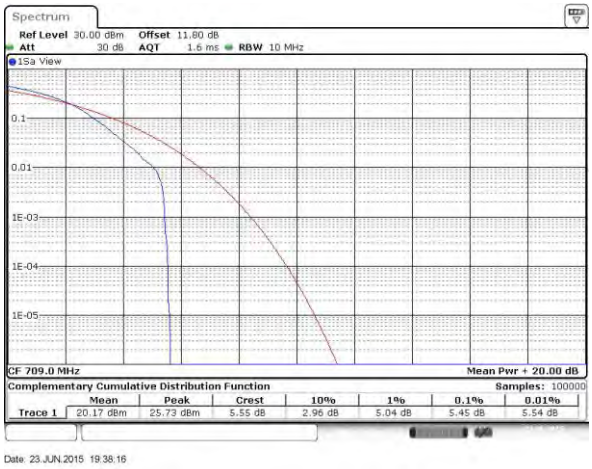


Highest Channel / Full RB

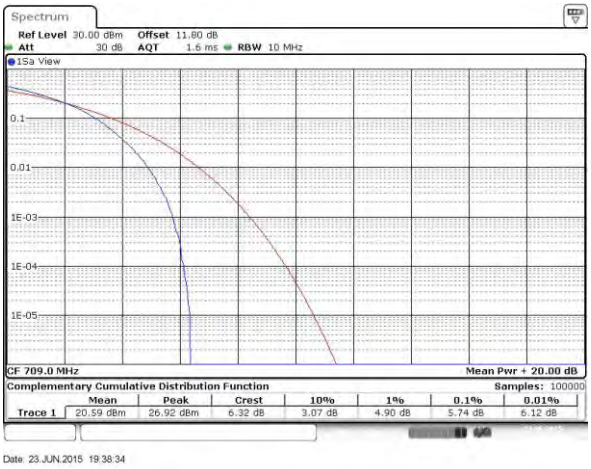


LTE Band 17 / 10MHz / 16QAM

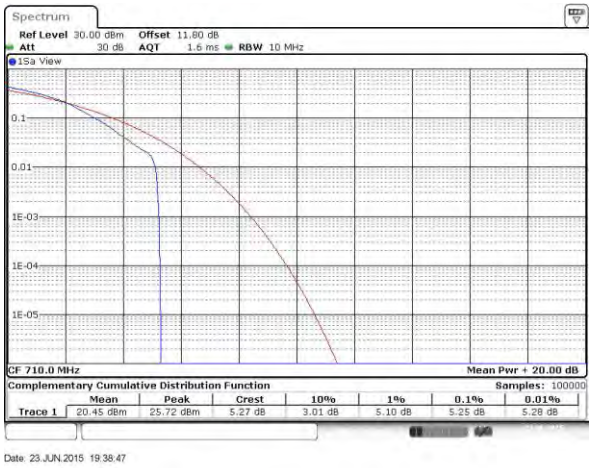
Lowest Channel / 1RB



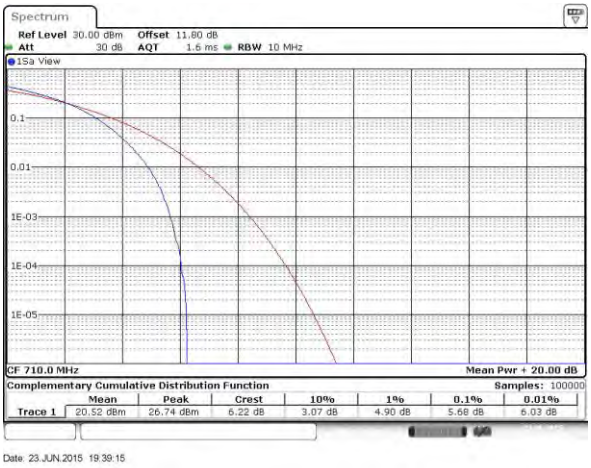
Lowest Channel / Full RB



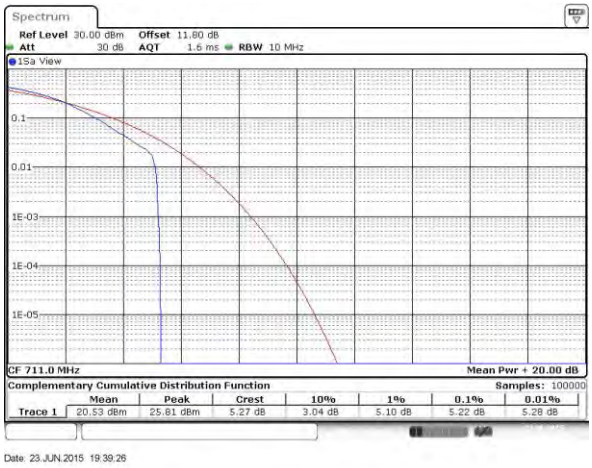
Middle Channel/ 1RB



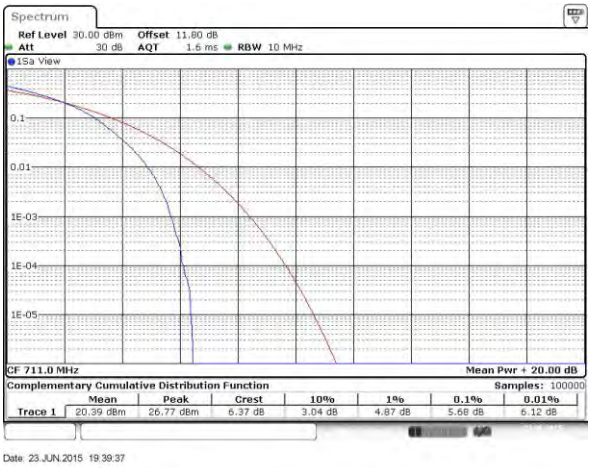
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB

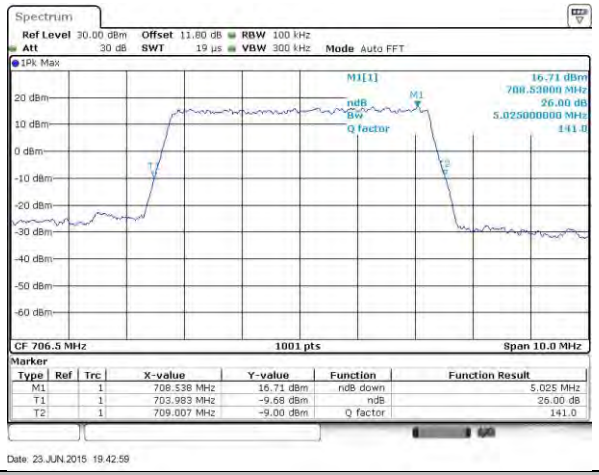


26dB Bandwidth

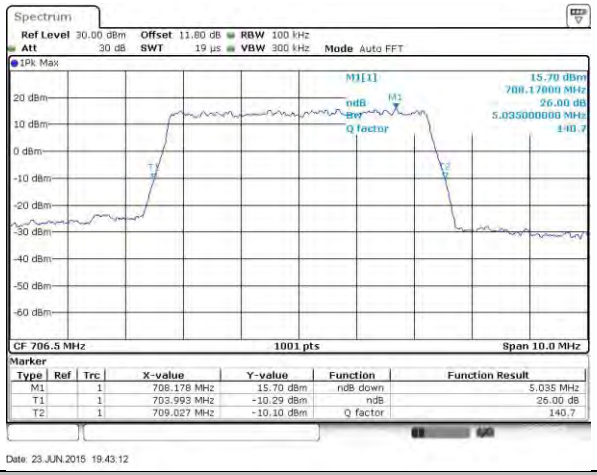
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.03	5.04	10.07	10.03	-	-	-	-
Middle CH	-	-	-	-	5.05	5.03	10.03	9.93	-	-	-	-
Highest CH	-	-	-	-	5.06	5.04	10.09	10.01	-	-	-	-

LTE Band 17

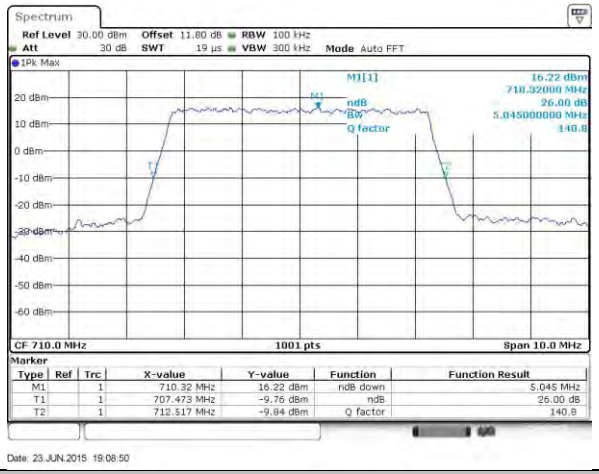
Lowest Channel / 5MHz / QPSK



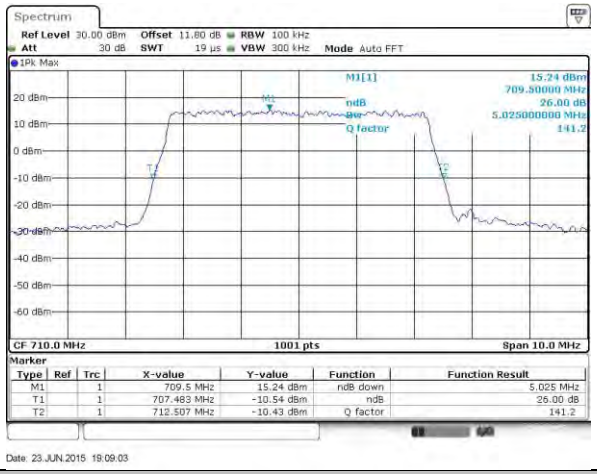
Lowest Channel / 5MHz / 16QAM



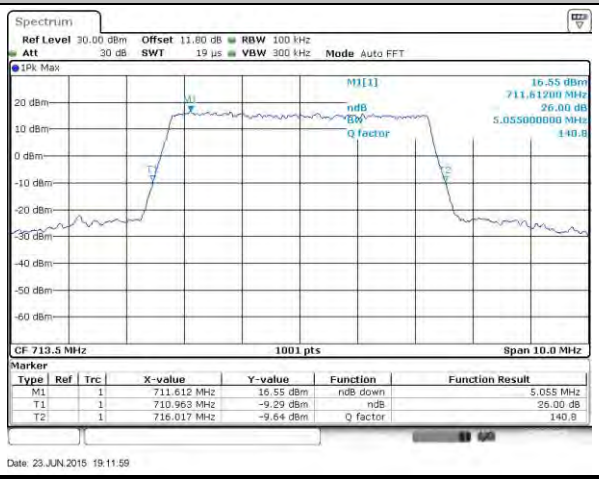
Middle Channel / 5MHz / QPSK



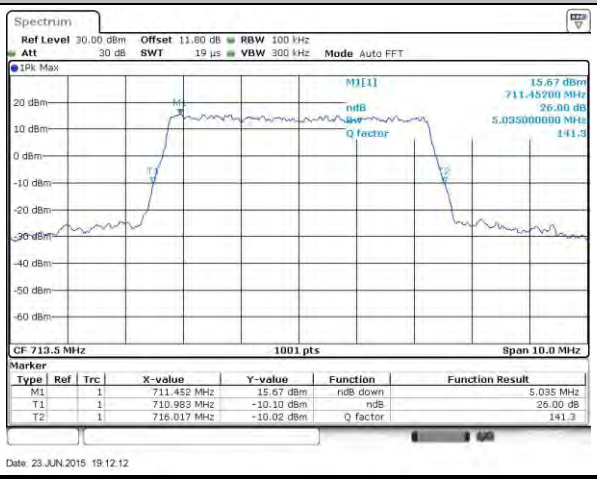
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

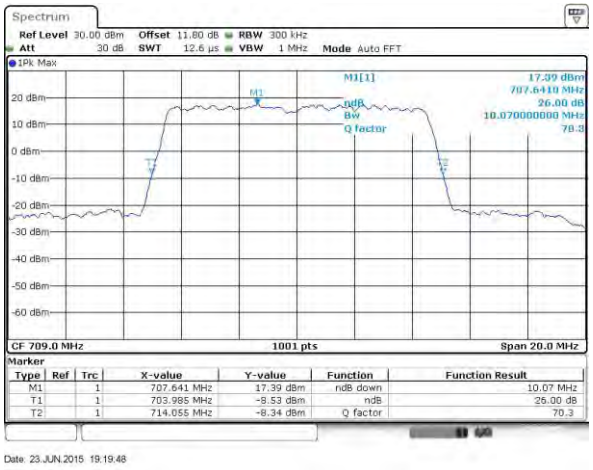


Highest Channel / 5MHz / 16QAM

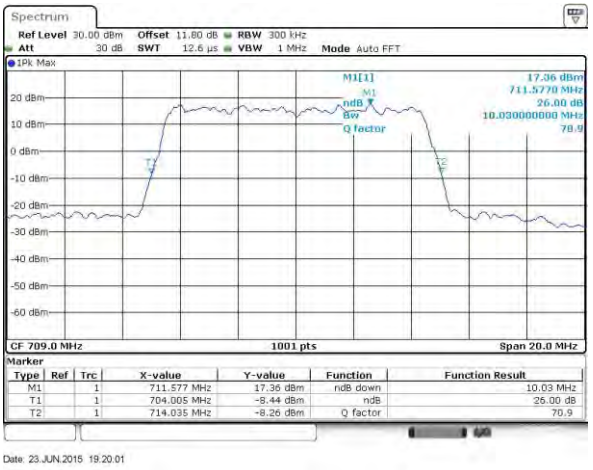


LTE Band 17

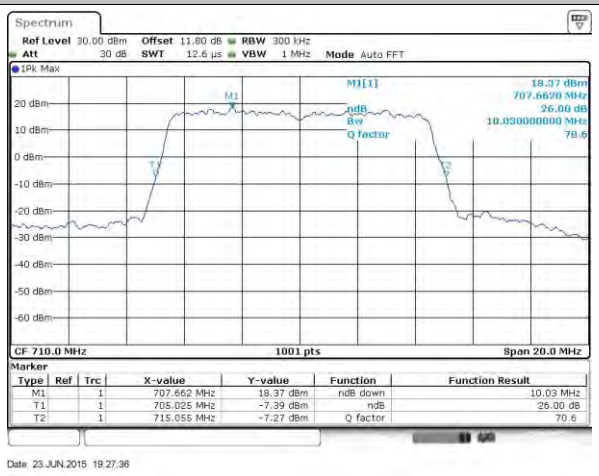
Lowest Channel / 10MHz / QPSK



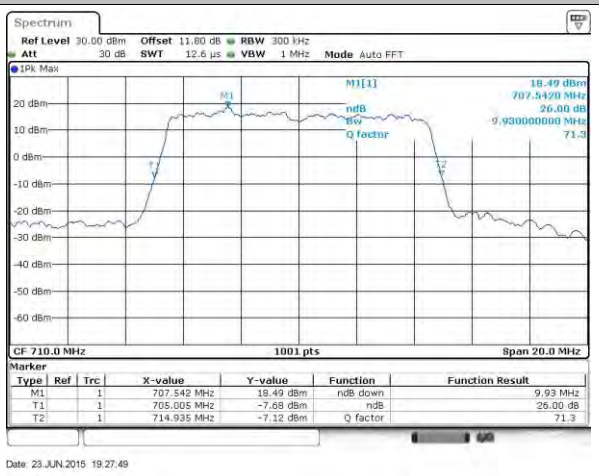
Lowest Channel / 10MHz / 16QAM



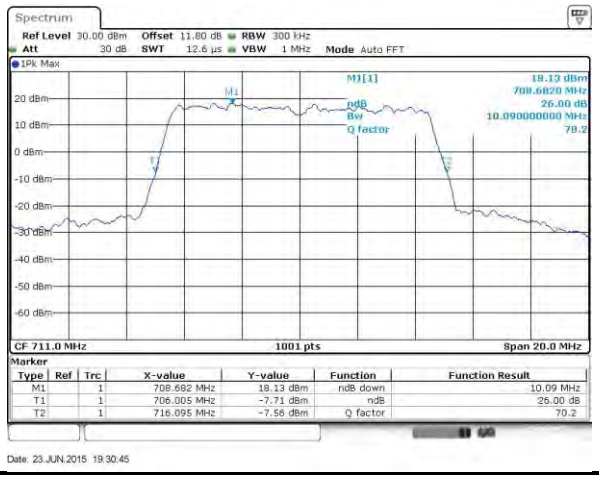
Middle Channel / 10MHz / QPSK



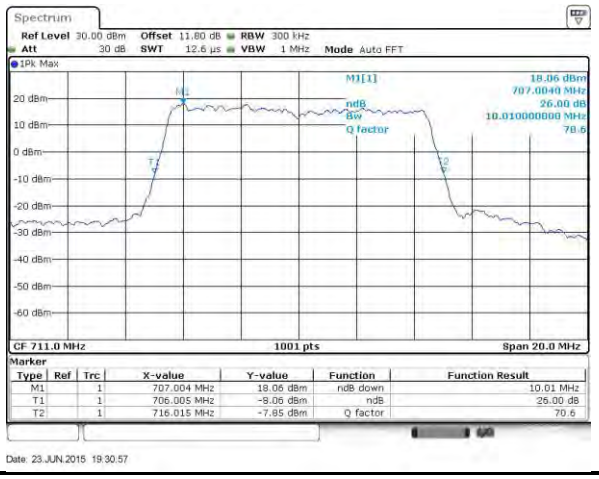
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

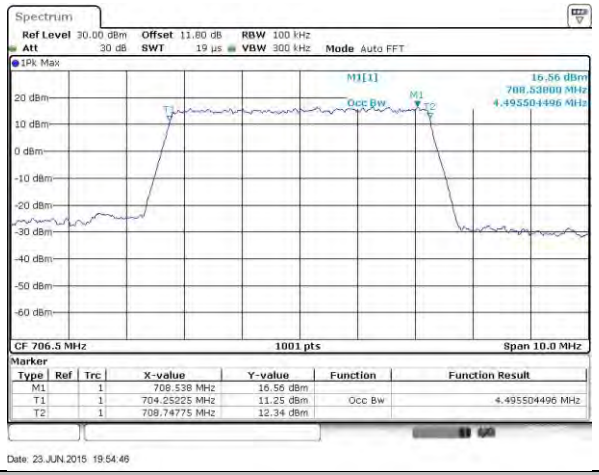


Occupied Bandwidth

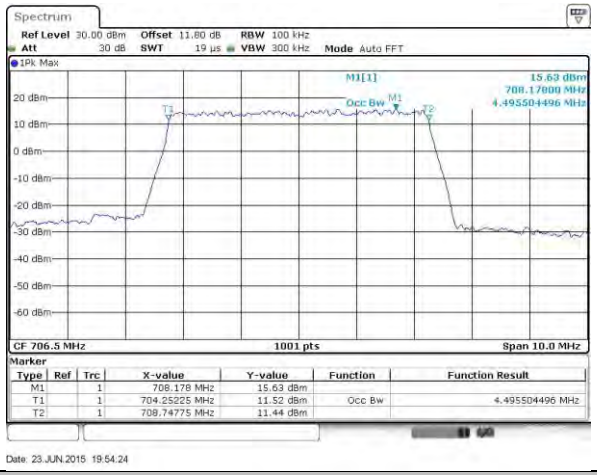
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.50	9.07	9.03	-	-	-	-
Middle CH	-	-	-	-	4.50	4.49	9.07	9.01	-	-	-	-
Highest CH	-	-	-	-	4.52	4.51	9.07	9.01	-	-	-	-

LTE Band 17

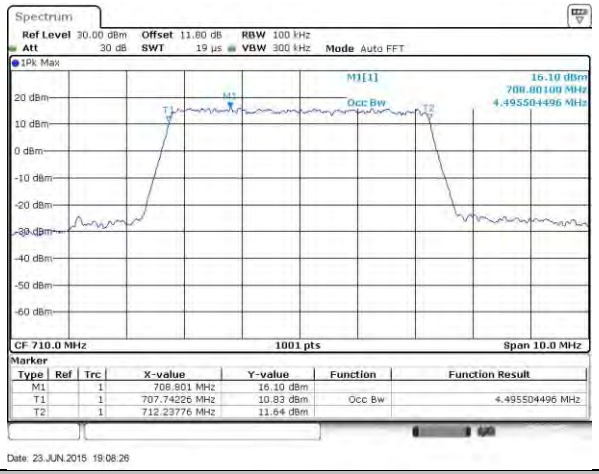
Lowest Channel / 5MHz / QPSK



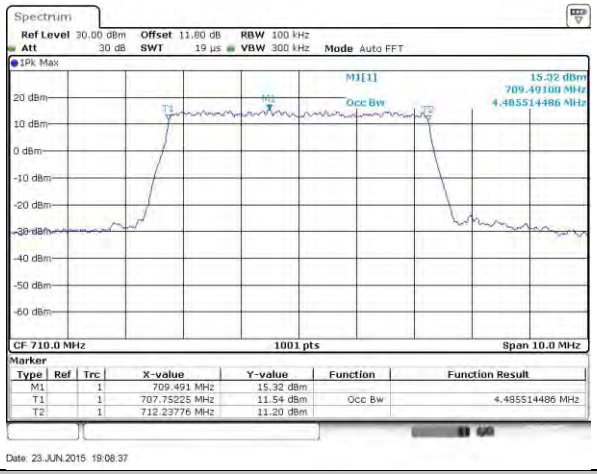
Lowest Channel / 5MHz / 16QAM



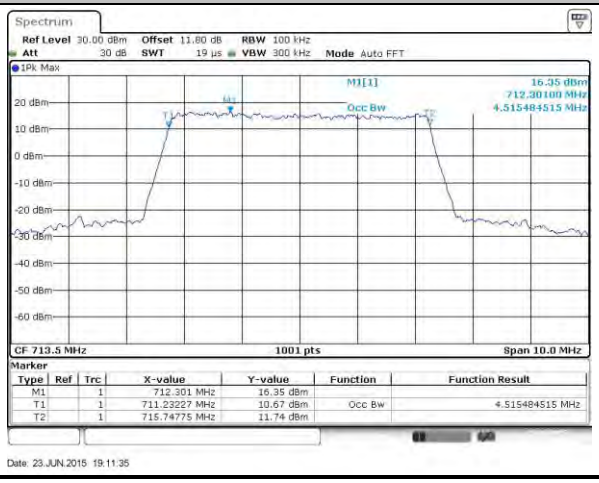
Middle Channel / 5MHz / QPSK



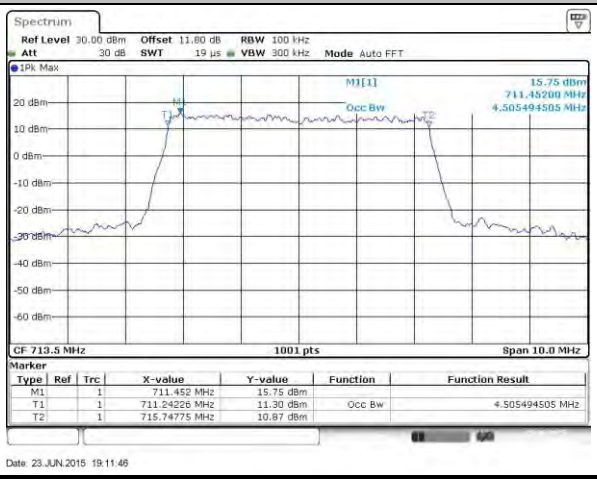
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

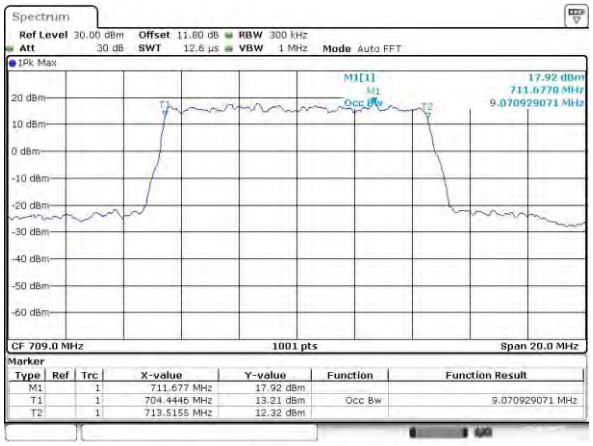


Highest Channel / 5MHz / 16QAM

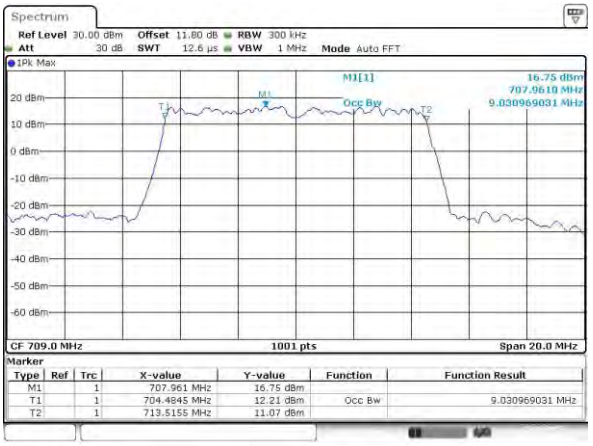


LTE Band 17

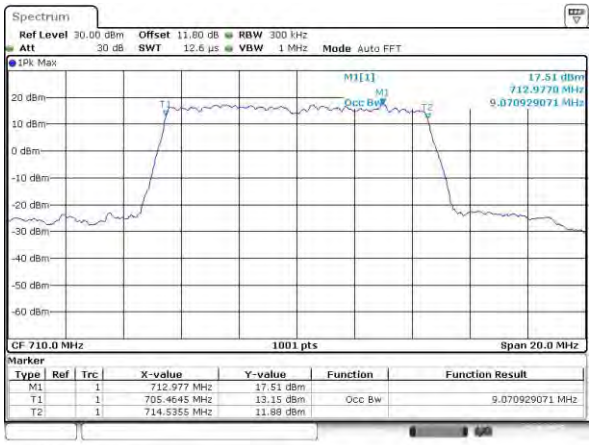
Lowest Channel / 10MHz / QPSK



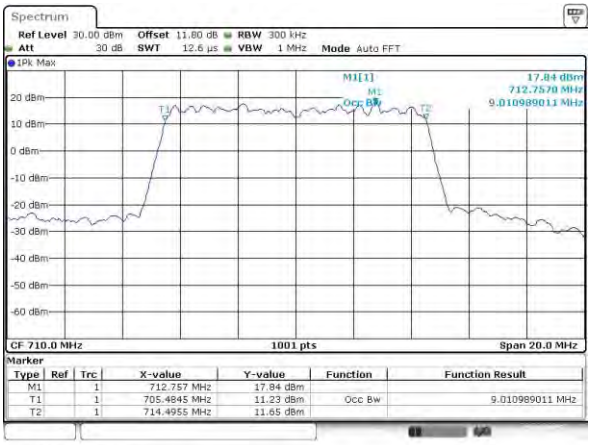
Lowest Channel / 10MHz / 16QAM



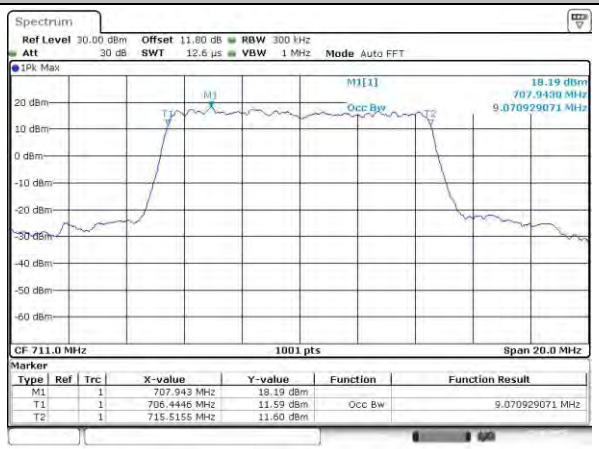
Middle Channel / 10MHz / QPSK



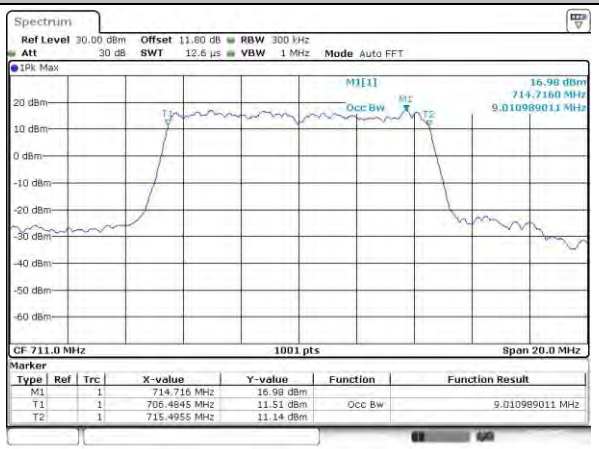
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



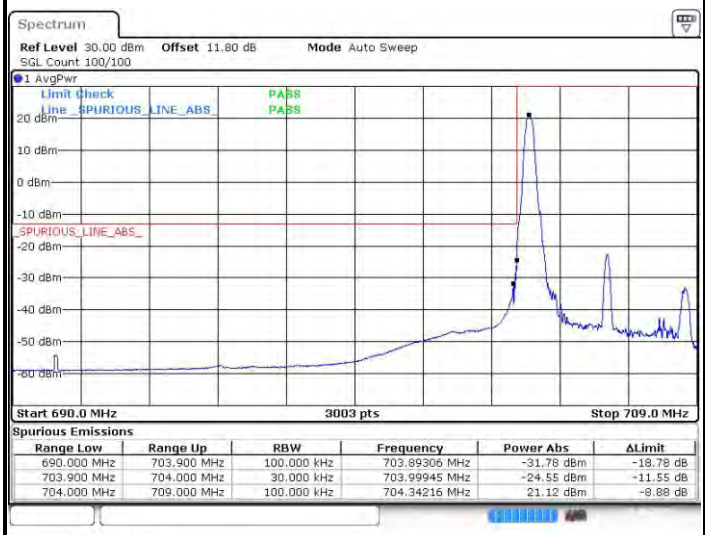
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

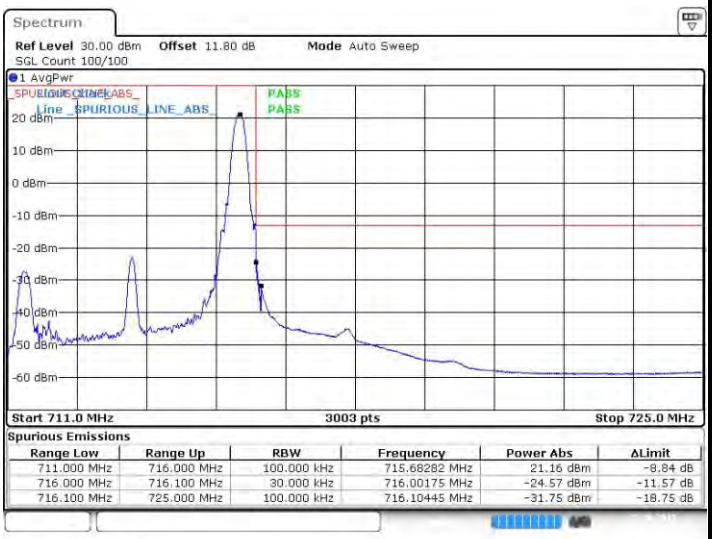


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.78 dBm	-18.78 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99945 MHz	-24.55 dBm	-11.55 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.34216 MHz	21.12 dBm	-8.88 dB

Date: 23.JUN.2015 19:44:22

Highest Band Edge / 1 RB

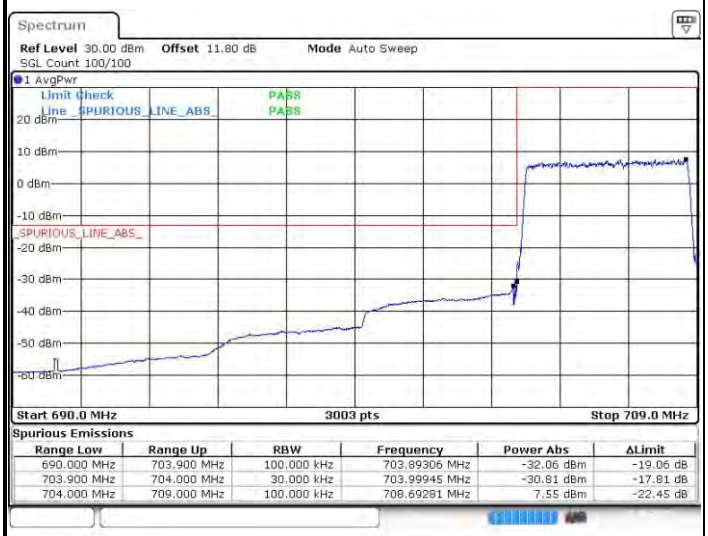


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.68282 MHz	21.16 dBm	-8.84 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00175 MHz	-24.57 dBm	-11.57 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.75 dBm	-18.75 dB

Date: 23.JUN.2015 19:49:02

Lowest Band Edge / Full RB

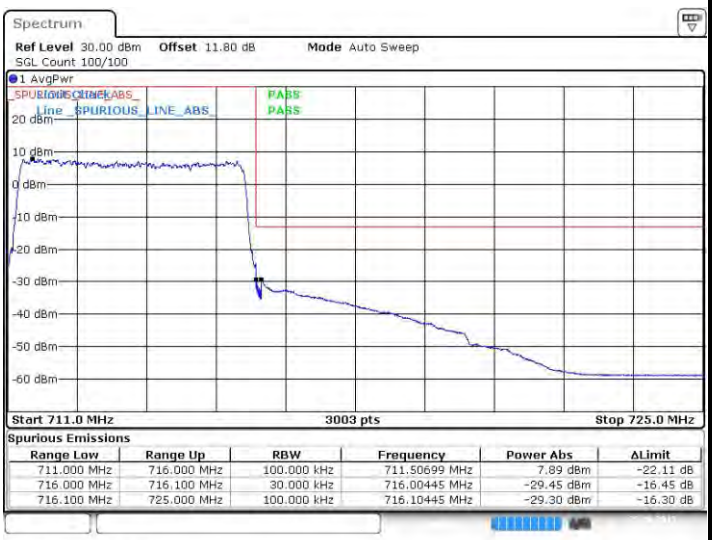


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.06 dBm	-19.06 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99945 MHz	-30.81 dBm	-17.81 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.69281 MHz	7.55 dBm	-22.45 dB

Date: 23.JUN.2015 19:46:42

Highest Band Edge / Full RB



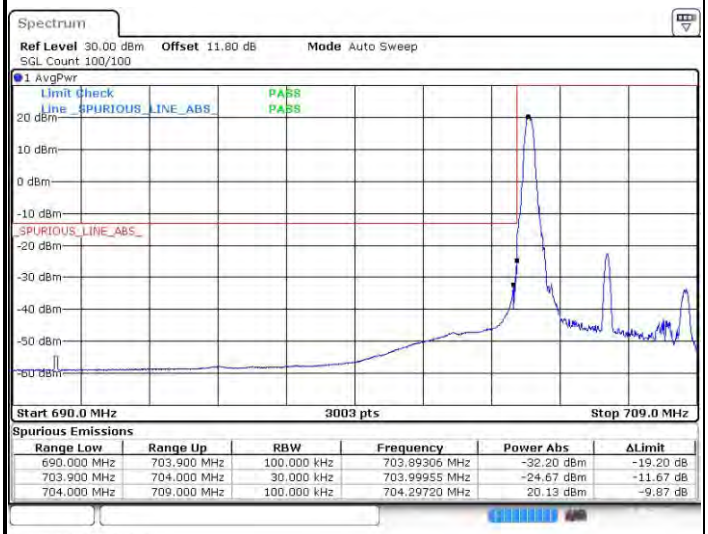
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.50699 MHz	7.89 dBm	-22.11 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00445 MHz	-29.45 dBm	-16.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.30 dBm	-16.30 dB

Date: 23.JUN.2015 19:51:23

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

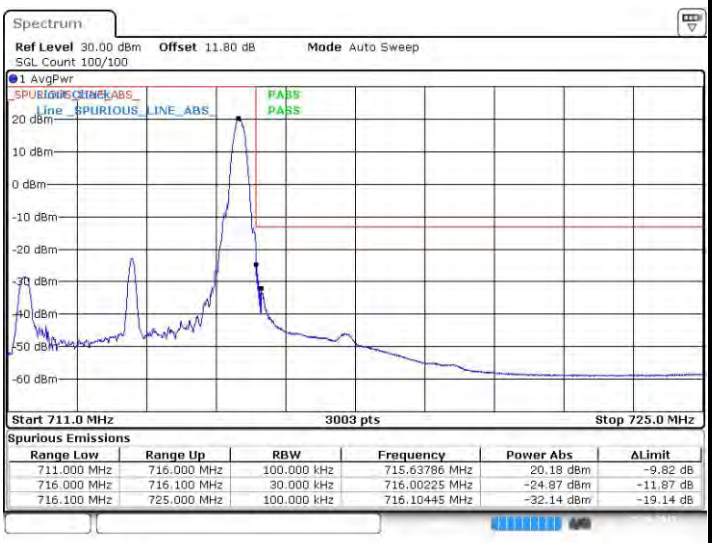


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.20 dBm	-19.20 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99955 MHz	-24.67 dBm	-11.67 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.29720 MHz	20.13 dBm	-9.87 dB

Date: 23.JUN.2015 19:45:32

Highest Band Edge / 1 RB

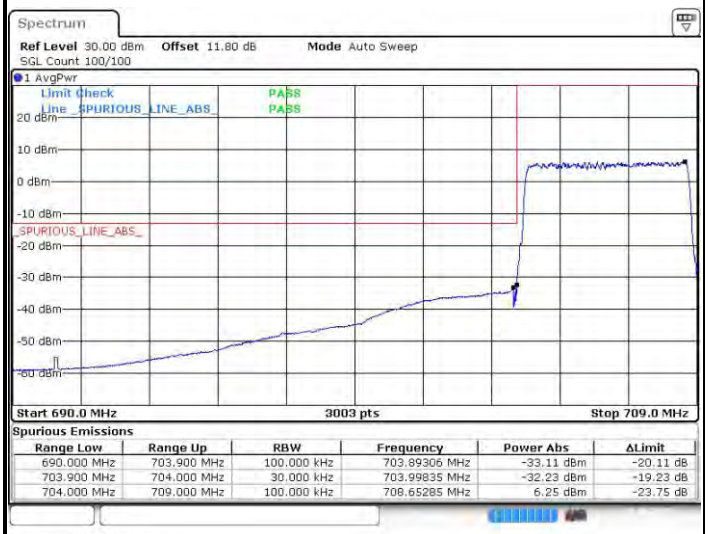


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.63786 MHz	20.18 dBm	-9.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-24.87 dBm	-11.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.14 dBm	-19.14 dB

Date: 23.JUN.2015 19:50:12

Lowest Band Edge / Full RB

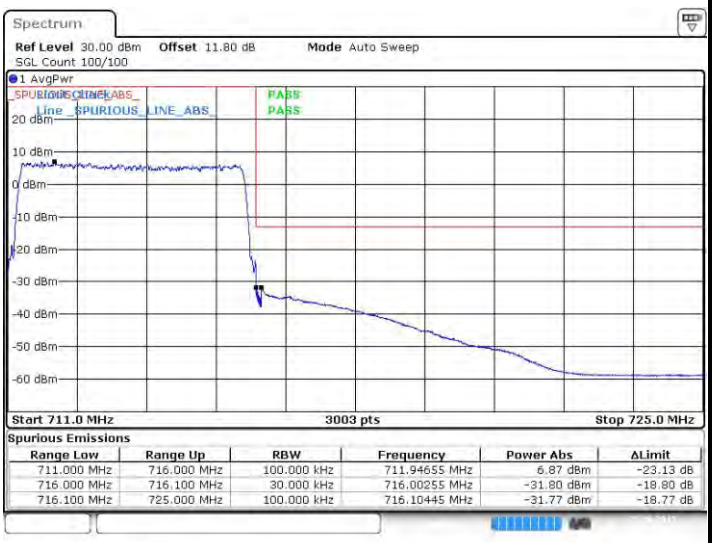


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.11 dBm	-20.11 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99835 MHz	-32.23 dBm	-19.23 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.65285 MHz	6.25 dBm	-23.75 dB

Date: 23.JUN.2015 19:47:52

Highest Band Edge / Full RB



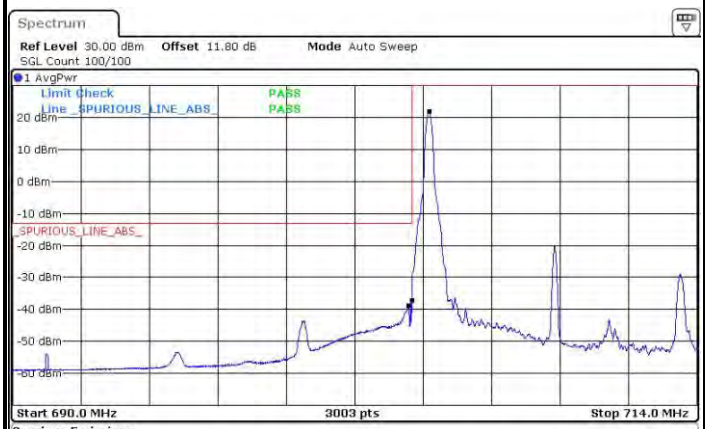
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.94655 MHz	6.87 dBm	-23.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00255 MHz	-31.80 dBm	-18.80 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.77 dBm	-18.77 dB

Date: 23.JUN.2015 19:52:33

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

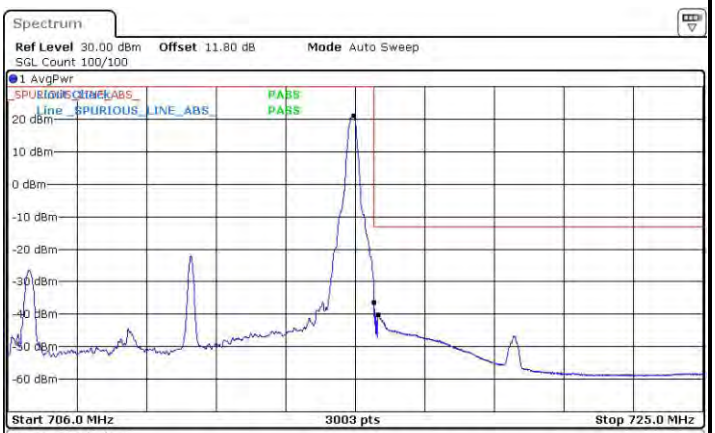


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.74 dBm	-25.74 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99825 MHz	-37.11 dBm	-24.11 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.60440 MHz	21.79 dBm	-8.21 dB

Date: 23.JUN.2015 19:21:10

Highest Band Edge / 1 RB

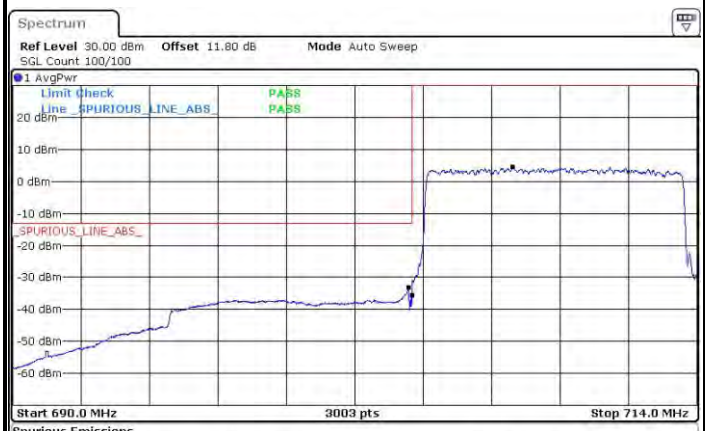


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.45554 MHz	21.07 dBm	-8.93 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00425 MHz	-36.40 dBm	-23.40 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-40.06 dBm	-27.06 dB

Date: 23.JUN.2015 19:32:07

Lowest Band Edge / Full RB

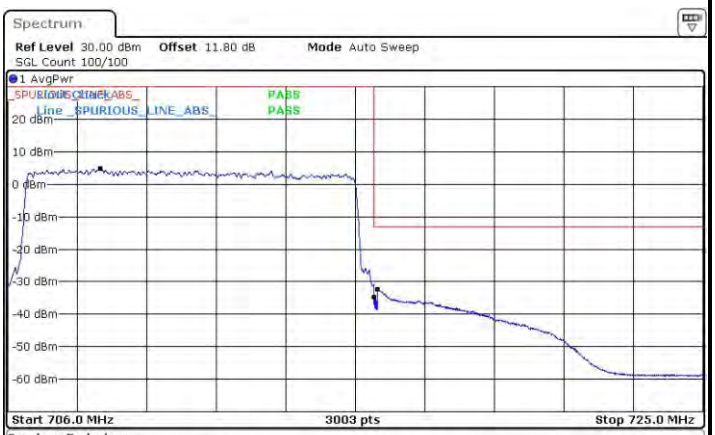


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.23 dBm	-20.23 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99735 MHz	-35.49 dBm	-22.49 dB
704.000 MHz	714.000 MHz	100.000 kHz	707.52148 MHz	4.52 dBm	-25.48 dB

Date: 23.JUN.2015 19:23:30

Highest Band Edge / Full RB



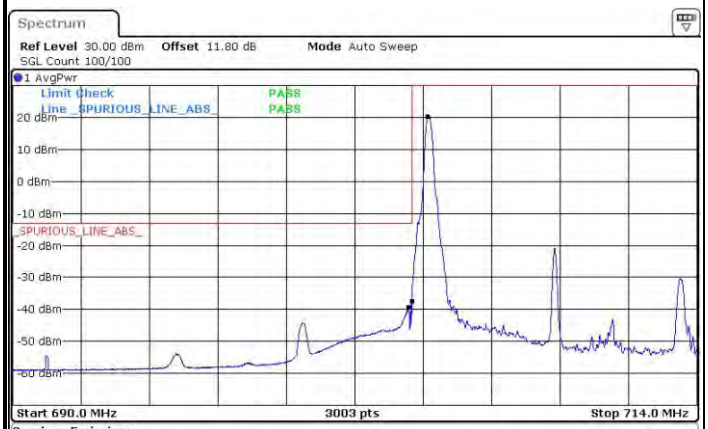
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.52248 MHz	4.86 dBm	-25.14 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00295 MHz	-34.66 dBm	-21.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.23 dBm	-19.23 dB

Date: 23.JUN.2015 19:34:27

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

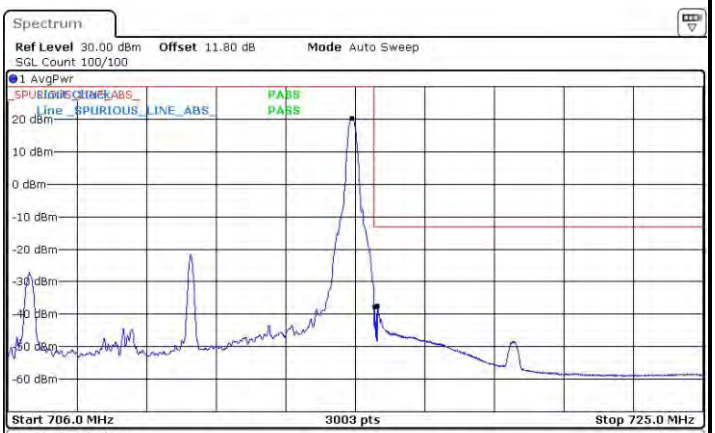


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-39.42 dBm	-26.42 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99675 MHz	-37.40 dBm	-24.40 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.56444 MHz	20.35 dBm	-9.65 dB

Date: 23.JUN.2015 19:22:20

Highest Band Edge / 1 RB

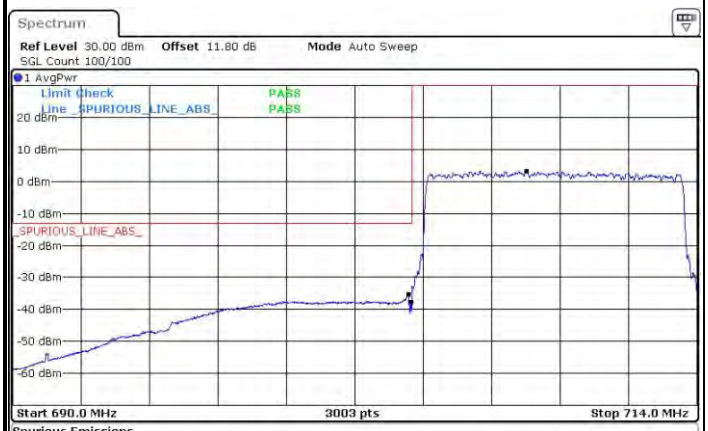


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	20.26 dBm	-9.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02712 MHz	-37.62 dBm	-24.62 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.38 dBm	-24.38 dB

Date: 23.JUN.2015 19:33:17

Lowest Band Edge / Full RB

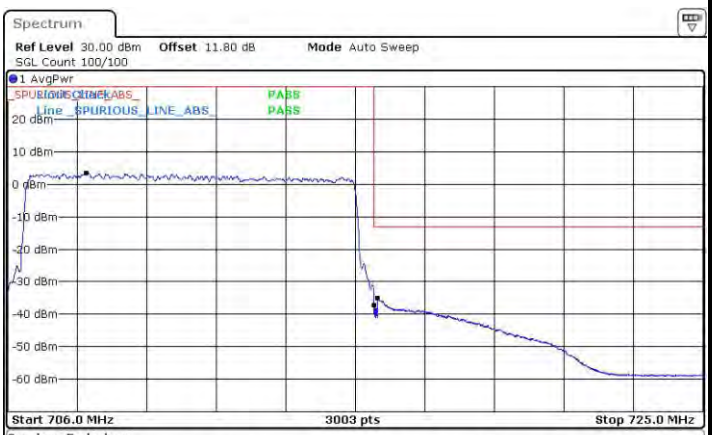


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.87917 MHz	-35.22 dBm	-22.22 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.97657 MHz	-37.79 dBm	-24.79 dB
704.000 MHz	714.000 MHz	100.000 kHz	708.00100 MHz	3.14 dBm	-26.86 dB

Date: 23.JUN.2015 19:24:40

Highest Band Edge / Full RB



Spurious Emissions

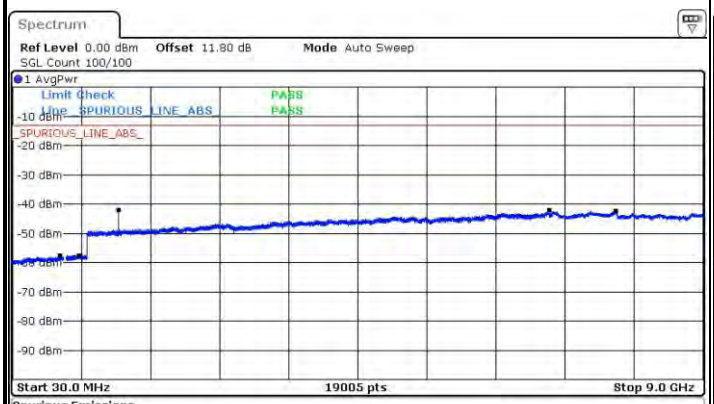
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.13287 MHz	3.57 dBm	-26.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00395 MHz	-37.14 dBm	-24.14 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.98 dBm	-21.98 dB

Date: 23.JUN.2015 19:35:37

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

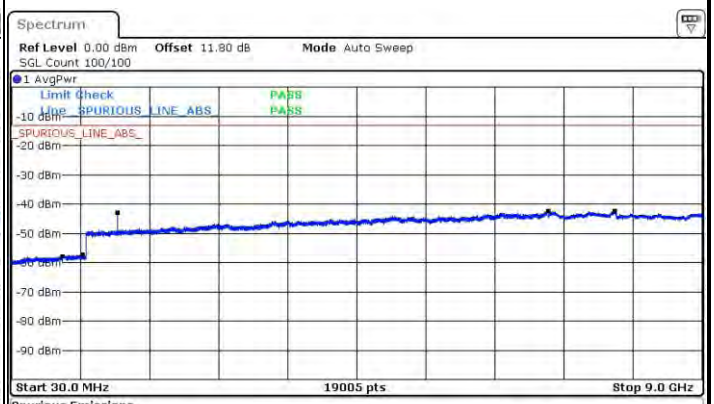


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	641.01949 MHz	-57.65 dBm	-44.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.74176 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-42.20 dBm	-29.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.09 dBm	-29.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-42.45 dBm	-29.45 dB

Date: 23.JUN.2015 19:07:05

Lowest Channel / 16QAM

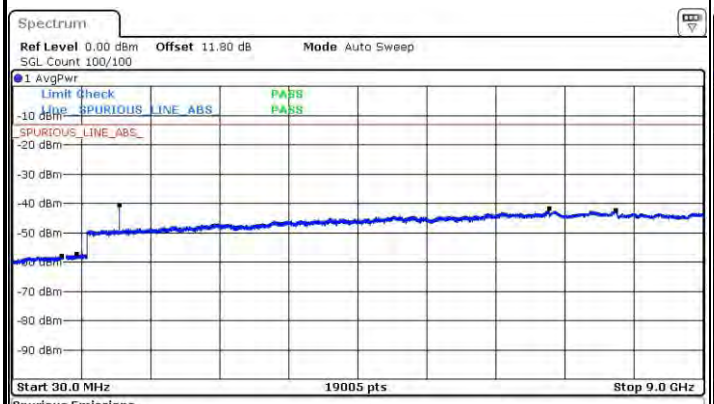


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-58.01 dBm	-45.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	955.08242 MHz	-57.39 dBm	-44.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-43.01 dBm	-30.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.41 dBm	-29.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-42.34 dBm	-29.34 dB

Date: 23.JUN.2015 19:08:15

Middle Channel / QPSK

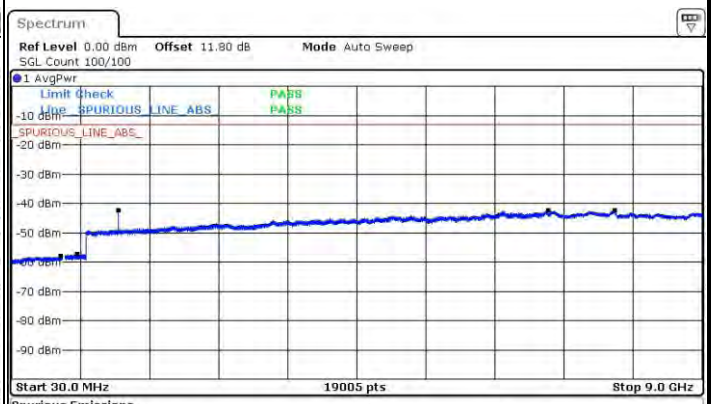


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-57.93 dBm	-44.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	854.25824 MHz	-57.18 dBm	-44.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-40.47 dBm	-27.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-41.91 dBm	-28.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-42.50 dBm	-29.50 dB

Date: 23.JUN.2015 19:10:13

Middle Channel / 16QAM



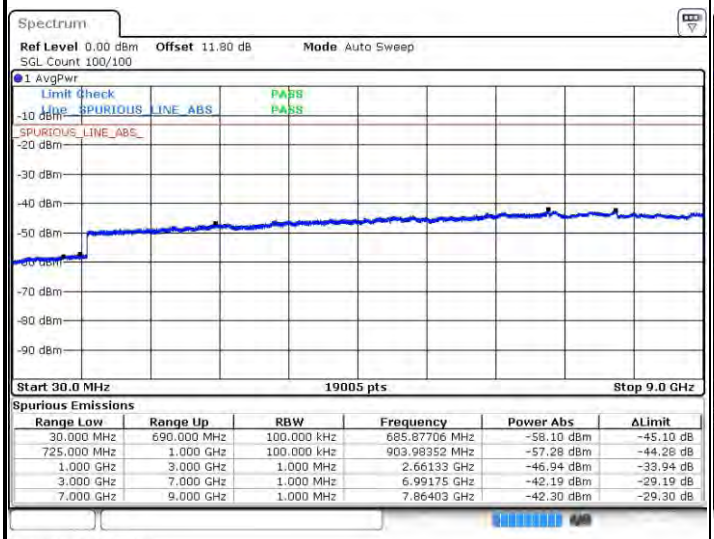
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.70465 MHz	-57.98 dBm	-44.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	886.67582 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-42.24 dBm	-29.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.41 dBm	-29.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87003 GHz	-42.51 dBm	-29.51 dB

Date: 23.JUN.2015 19:11:23

LTE Band 17 / 5MHz

Highest Channel / QPSK

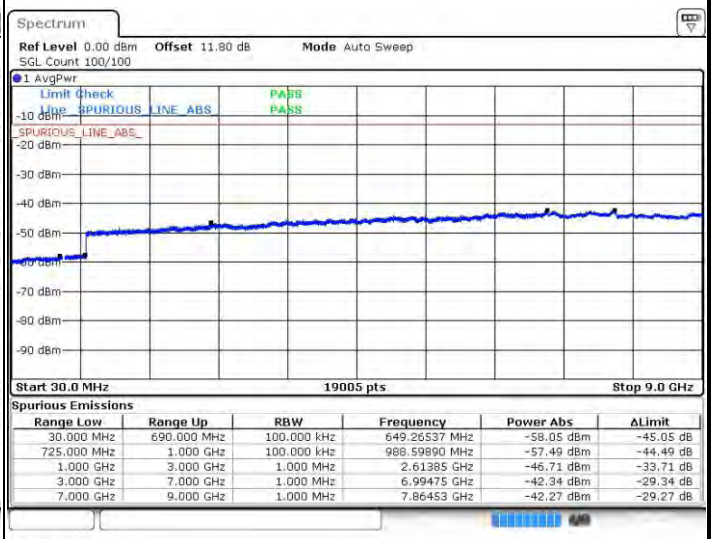


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.87706 MHz	-58.10 dBm	-45.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	903.98352 MHz	-57.28 dBm	-44.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66133 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.19 dBm	-29.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-42.30 dBm	-29.30 dB

Date: 23.JUN.2015 19:18:02

Highest Channel / 16QAM



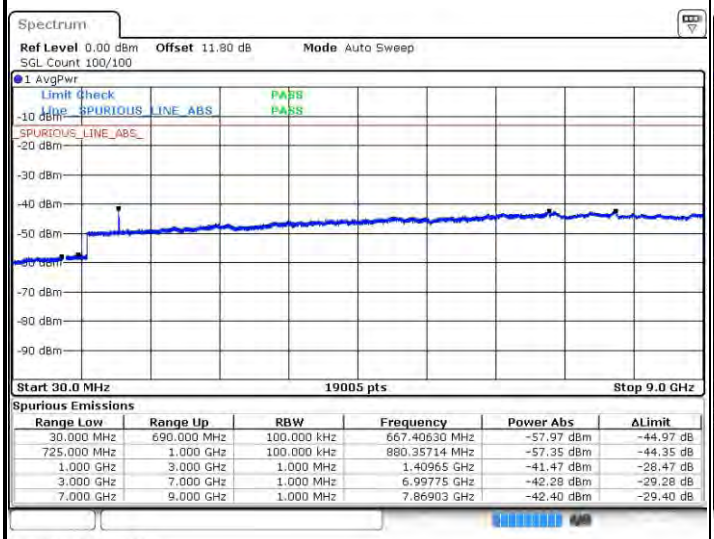
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	649.26537 MHz	-58.05 dBm	-45.05 dB
725.000 MHz	1.000 GHz	100.000 kHz	988.59890 MHz	-57.49 dBm	-44.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.61385 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-42.34 dBm	-29.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-42.27 dBm	-29.27 dB

Date: 23.JUN.2015 19:19:12

LTE Band 17 / 10MHz

Lowest Channel / QPSK

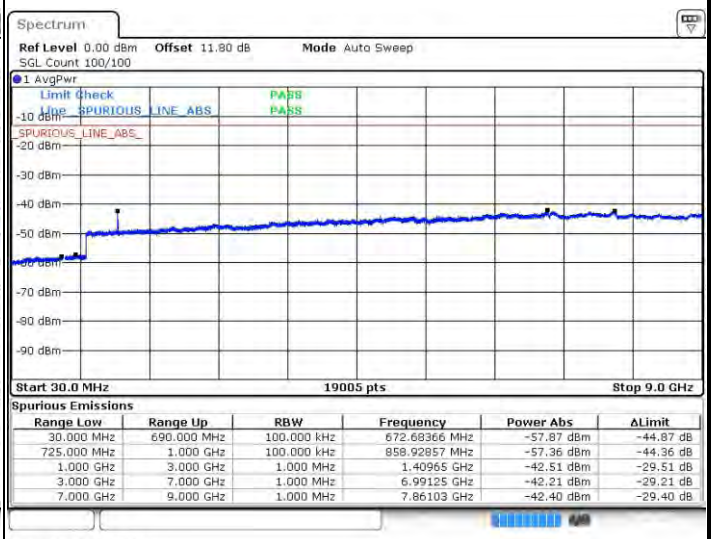


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.40630 MHz	-57.97 dBm	-44.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	880.35714 MHz	-57.35 dBm	-44.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-41.47 dBm	-28.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.28 dBm	-29.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86903 GHz	-42.40 dBm	-29.40 dB

Date: 23.JUN.2015 19:25:51

Lowest Channel / 16QAM



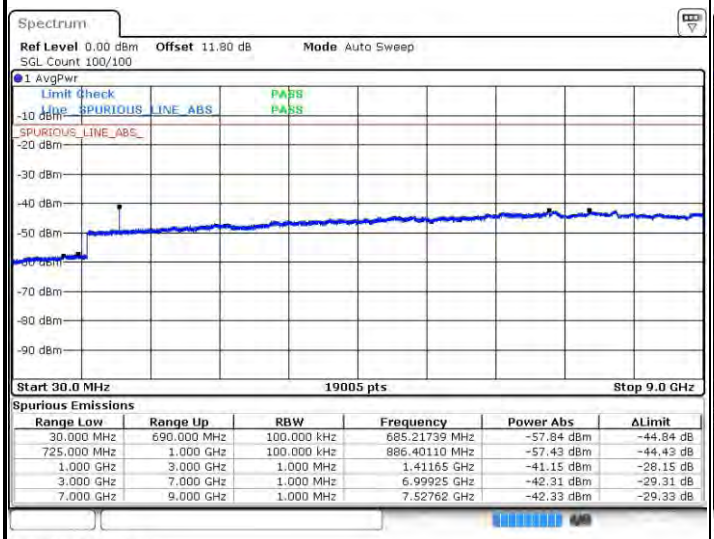
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	672.68366 MHz	-57.87 dBm	-44.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	858.92857 MHz	-57.36 dBm	-44.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-42.51 dBm	-29.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.21 dBm	-29.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-42.40 dBm	-29.40 dB

Date: 23.JUN.2015 19:27:01

LTE Band 17 / 10MHz

Middle Channel / QPSK

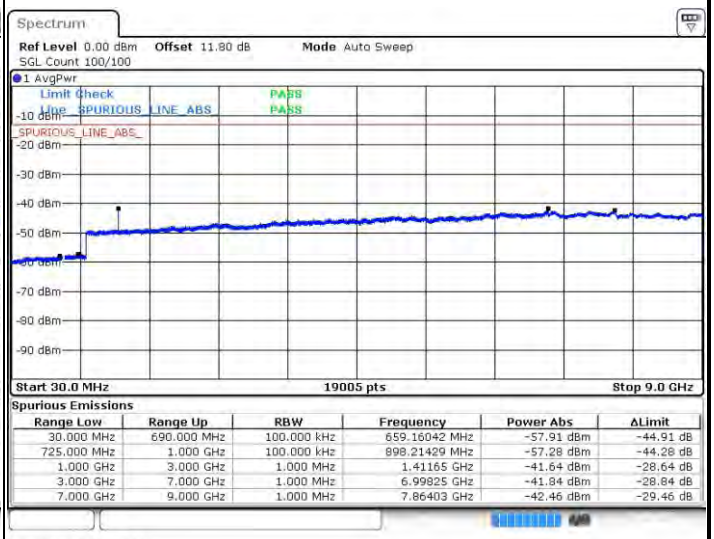


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-57.84 dBm	-44.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	886.40110 MHz	-57.43 dBm	-44.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-41.15 dBm	-28.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.31 dBm	-29.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.52762 GHz	-42.33 dBm	-29.33 dB

Date: 23.JUN.2015 19:28:59

Middle Channel / 16QAM

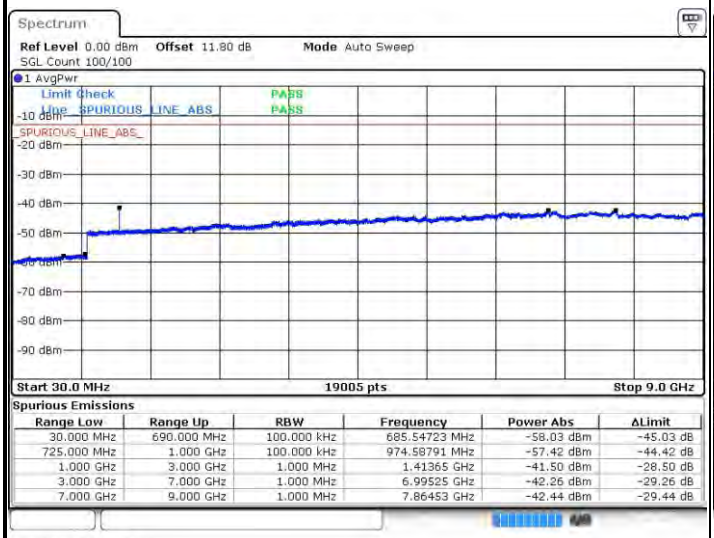


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	659.16042 MHz	-57.91 dBm	-44.91 dB
725.000 MHz	1.000 GHz	100.000 kHz	898.21429 MHz	-57.28 dBm	-44.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-41.64 dBm	-28.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-41.84 dBm	-28.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-42.46 dBm	-29.46 dB

Date: 23.JUN.2015 19:30:09

Highest Channel / QPSK

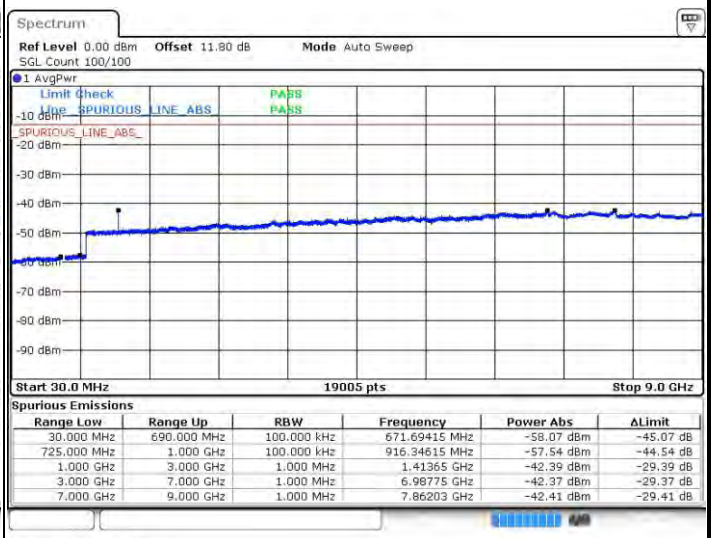


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-58.03 dBm	-45.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	974.58791 MHz	-57.42 dBm	-44.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-41.50 dBm	-28.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-42.26 dBm	-29.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-42.44 dBm	-29.44 dB

Date: 23.JUN.2015 19:36:48

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.69415 MHz	-58.07 dBm	-45.07 dB
725.000 MHz	1.000 GHz	100.000 kHz	916.34615 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-42.39 dBm	-29.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-42.37 dBm	-29.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-42.41 dBm	-29.41 dB

Date: 23.JUN.2015 19:37:58

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.74	0.2366	21.13	0.1297
Middle		3	1	22.22	0.1667	19.82	0.0959
Highest		1	0	20.86	0.1219	19.03	0.0800
Lowest	16QAM	1	5	22.13	0.1633	19.25	0.0841
Middle		1	0	20.83	0.1211	17.90	0.0617
Highest		1	0	19.49	0.0889	16.79	0.0478
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.52	0.2249	21.17	0.1309
Middle		1	7	22.21	0.1663	19.82	0.0959
Highest		1	7	20.69	0.1172	18.62	0.0728
Lowest	16QAM	1	14	22.00	0.1585	18.99	0.0793
Middle		1	14	20.69	0.1172	17.98	0.0628
Highest		1	0	19.00	0.0794	16.34	0.0431
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.39	0.2183	20.87	0.1222
Middle		1	24	22.23	0.1671	19.63	0.0918
Highest		1	0	20.89	0.1227	18.47	0.0703
Lowest	16QAM	1	12	21.94	0.1563	18.95	0.0785
Middle		1	12	20.71	0.1178	17.87	0.0612
Highest		1	0	19.82	0.0959	17.04	0.0506
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.74	0.2366	21.24	0.1330
Middle		1	0	22.44	0.1754	19.90	0.0977
Highest		1	0	21.41	0.1384	18.84	0.0766
Lowest	16QAM	1	0	21.93	0.1560	19.07	0.0807
Middle		1	0	21.20	0.1318	18.34	0.0682
Highest		1	0	19.77	0.0948	16.80	0.0479
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.55	0.2265	21.22	0.1324
Middle		1	0	22.28	0.1690	19.78	0.0951
Highest		1	37	21.31	0.1352	18.87	0.0771
Lowest	16QAM	1	74	21.38	0.1374	18.33	0.0681
Middle		1	0	19.78	0.0951	16.94	0.0494
Highest		1	37	19.00	0.0794	16.64	0.0461
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	21.56	0.1432
Middle		1	0	22.93	0.1963	20.54	0.1132
Highest		1	0	22.04	0.1600	19.50	0.0891
Lowest	16QAM	1	0	21.81	0.1517	19.01	0.0796
Middle		1	0	21.15	0.1303	18.20	0.0661
Highest		1	0	19.74	0.0942	16.78	0.0476
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	23.34	0.2158	20.71	0.1178
Middle		3	1	23.79	0.2393	20.46	0.1112
Highest		3	1	24.02	0.2523	21.12	0.1294
Lowest	16QAM	1	5	22.72	0.1871	20.12	0.1028
Middle		1	5	23.03	0.2009	20.17	0.1040
Highest		1	0	23.38	0.2178	20.60	0.1148
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	23.15	0.2065	20.63	0.1156
Middle		1	7	23.21	0.2094	20.76	0.1191
Highest		1	14	24.13	0.2588	21.22	0.1324
Lowest	16QAM	1	14	22.50	0.1778	19.91	0.0979
Middle		1	7	22.30	0.1698	19.43	0.0877
Highest		1	7	23.58	0.2280	20.77	0.1194
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	20.32	0.1076
Middle		1	12	23.22	0.2099	20.25	0.1059
Highest		1	24	24.18	0.2618	21.26	0.1337
Lowest	16QAM	1	0	22.63	0.1832	19.19	0.0830
Middle		1	12	22.50	0.1778	19.53	0.0897
Highest		1	24	23.51	0.2244	20.60	0.1148
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.50	0.2239	20.93	0.1239
Middle		1	24	23.63	0.2307	20.81	0.1205
Highest		1	49	24.13	0.2588	21.41	0.1384
Lowest	16QAM	1	0	21.95	0.1567	19.45	0.0881
Middle		1	0	22.77	0.1892	19.74	0.0942
Highest		1	0	23.45	0.2213	20.75	0.1189
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.43	0.2203	20.93	0.1239
Middle		1	0	23.59	0.2286	20.57	0.1140
Highest		1	0	23.92	0.2466	21.13	0.1297
Lowest	16QAM	1	0	22.71	0.1866	20.21	0.1050
Middle		1	0	23.06	0.2023	20.05	0.1012
Highest		1	0	23.06	0.2023	20.20	0.1047
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.29	0.2133	20.76	0.1191
Middle		1	0	23.53	0.2254	20.66	0.1164
Highest		1	0	23.76	0.2377	21.00	0.1259
Lowest	16QAM	1	0	22.72	0.1871	20.09	0.1021
Middle		1	0	22.83	0.1919	19.95	0.0989
Highest		1	0	23.02	0.2004	20.27	0.1064
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.26	0.1337	20.23	0.1054
Middle		1	0	22.96	0.1977	22.41	0.1742
Highest		1	0	21.65	0.1462	20.80	0.1202
Lowest	16QAM	1	0	19.75	0.0944	18.99	0.0793
Middle		1	0	21.25	0.1334	21.11	0.1291
Highest		1	0	20.20	0.1047	19.76	0.0946
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.28	0.1343	20.20	0.1047
Middle		1	0	22.31	0.1702	22.34	0.1714
Highest		1	0	20.92	0.1236	20.86	0.1219
Lowest	16QAM	1	0	19.63	0.0918	18.89	0.0774
Middle		1	0	20.97	0.1250	20.87	0.1222
Highest		1	0	19.83	0.0962	19.44	0.0879
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.97	0.1250	20.07	0.1016
Middle		1	0	21.59	0.1442	21.74	0.1493
Highest		1	0	21.61	0.1449	21.04	0.1271
Lowest	16QAM	1	0	19.63	0.0918	18.90	0.0776
Middle		1	0	20.77	0.1194	20.58	0.1143
Highest		1	0	19.98	0.0995	19.88	0.0973
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.77	0.1194	19.83	0.0962
Middle		1	0	21.11	0.1291	21.10	0.1288
Highest		1	0	21.47	0.1403	21.43	0.1390
Lowest	16QAM	1	0	19.36	0.0863	18.61	0.0726
Middle		1	0	20.23	0.1054	19.99	0.0998
Highest		1	0	20.00	0.1000	20.00	0.1000
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 5MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.69	0.2944	26.23	0.4198
Middle		1	0	26.07	0.4046	28.78	0.7551
Highest		1	0	24.92	0.3105	26.04	0.4018
Lowest	16QAM	1	0	24.66	0.2924	23.88	0.2443
Middle		1	0	26.32	0.4285	26.17	0.4140
Highest		1	0	25.25	0.3350	24.42	0.2767
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.01	0.2518	25.46	0.3516
Middle		1	0	24.75	0.2985	27.48	0.5598
Highest		1	0	24.45	0.2786	25.83	0.3828
Lowest	16QAM	1	0	24.70	0.2951	23.97	0.2495
Middle		1	0	26.12	0.4093	26.00	0.3981
Highest		1	0	24.60	0.2884	24.19	0.2624
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.94	0.3119	26.06	0.4036
Middle		1	0	25.02	0.3177	27.42	0.5521
Highest		1	0	24.67	0.2931	26.03	0.4009
Lowest	16QAM	1	0	24.68	0.2938	23.93	0.2472
Middle		1	0	25.84	0.3837	25.63	0.3656
Highest		1	0	25.07	0.3214	24.98	0.3148
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Peak)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	25.49	0.3540
Middle		1	0	23.83	0.2415	26.40	0.4365
Highest		1	0	24.73	0.2972	26.10	0.4074
Lowest	16QAM	1	0	24.49	0.2812	23.78	0.2388
Middle		1	0	25.35	0.3428	25.12	0.3251
Highest		1	0	25.19	0.3304	25.18	0.3296
Limit	EIRP < 2W			Result		PASS	

LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	16.76	0.0474	7.55	0.0057
Middle		3	1	16.91	0.0491	8.22	0.0066
Highest		3	2	16.77	0.0475	8.43	0.0070
Lowest	16QAM	1	0	15.49	0.0354	6.32	0.0043
Middle		1	5	15.37	0.0344	6.84	0.0048
Highest		1	0	15.27	0.0337	7.24	0.0053
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	7	16.53	0.0450	7.18	0.0052
Middle		1	14	16.30	0.0427	7.72	0.0059
Highest		1	7	16.06	0.0404	8.38	0.0069
Lowest	16QAM	1	0	15.42	0.0348	6.01	0.0040
Middle		1	7	14.45	0.0279	6.80	0.0048
Highest		1	14	15.59	0.0362	6.97	0.0050
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.58	0.0455	7.44	0.0055
Middle		1	12	16.49	0.0446	7.96	0.0063
Highest		1	24	16.62	0.0459	7.98	0.0063
Lowest	16QAM	1	0	15.38	0.0345	6.32	0.0043
Middle		1	12	15.55	0.0359	6.65	0.0046
Highest		1	24	15.72	0.0373	6.82	0.0048
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.55	0.0452	7.42	0.0055
Middle		1	0	16.49	0.0446	7.20	0.0052
Highest		1	0	16.78	0.0476	7.94	0.0062
Lowest	16QAM	1	49	15.40	0.0347	6.83	0.0048
Middle		1	49	15.62	0.0365	6.88	0.0049
Highest		1	49	15.28	0.0337	7.32	0.0054
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.62	0.0459	7.69	0.0059
Middle		1	0	16.50	0.0447	7.70	0.0059
Highest		1	0	16.86	0.0485	7.65	0.0058
Lowest	16QAM	1	0	15.62	0.0365	6.52	0.0045
Middle		1	0	15.30	0.0339	6.73	0.0047
Highest		1	0	15.78	0.0378	6.75	0.0047
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.90	0.0490	7.80	0.0060
Middle		1	0	16.63	0.0460	8.03	0.0064
Highest		1	0	16.54	0.0451	7.90	0.0062
Lowest	16QAM	1	0	15.87	0.0386	6.70	0.0047
Middle		1	0	15.73	0.0374	6.85	0.0048
Highest		1	0	15.42	0.0348	6.86	0.0049
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3696	-41.91	-13	-28.91	-56.31	-48.48	1.67	8.24	H
	5556	-46.43	-13	-33.43	-66.46	-53.5	2.66	9.72	H
	7404	-42.28	-13	-29.28	-67.66	-51.43	2.46	11.61	H
	3696	-45.21	-13	-32.21	-59.52	-51.78	1.67	8.24	V
	5556	-52.57	-13	-39.57	-71.04	-59.632	2.66	9.72	V
	7404	-45.84	-13	-32.84	-70.01	-54.99	2.46	11.61	V
Middle	3756	-44.08	-13	-31.08	-58.66	-50.7	1.68	8.31	H
	5640	-45.30	-13	-32.30	-65.1	-52.35	2.71	9.76	H
	7524	-46.22	-13	-33.22	-71.11	-55.61	2.42	11.81	H
	3756	-48.43	-13	-35.43	-62.71	-55.05	1.68	8.31	V
	5640	-52.84	-13	-39.84	-71.14	-59.89	2.71	9.76	V
	7524	-50.11	-13	-37.11	-74.1	-59.5	2.42	11.81	V
Highest	3816	-43.65	-13	-30.65	-58.347	-48.18	1.70	8.38	H
	5724	-44.31	-13	-31.31	-64.37	-49.2	2.75	9.79	H
	7632	-44.71	-13	-31.71	-69.3	-52.05	2.39	11.88	H
	3816	-47.55	-13	-34.55	-61.59	-52.08	1.70	8.38	V
	5724	-50.19	-13	-37.19	-69.08	-55.08	2.75	9.79	V
	7632	-47.62	-13	-34.62	-71.49	-54.96	2.39	11.88	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3696	-41.55	-13	-28.55	-55.95	-48.12	1.67	8.24	H
	5556	-48.71	-13	-35.71	-68.74	-55.78	2.66	9.72	H
	7404	-42.36	-13	-29.36	-67.74	-51.51	2.46	11.61	H
	3696	-43.83	-13	-30.83	-58.14	-50.4	1.67	8.24	V
	5556	-52.12	-13	-39.12	-70.61	-59.19	2.66	9.72	V
	7404	-47.17	-13	-34.17	-71.34	-56.32	2.46	11.61	V
Middle	3757	-44.07	-13	-31.07	-58.65	-50.69	1.68	8.31	H
	5635	-50.10	-13	-37.10	-69.9	-57.15	2.70	9.75	H
	7512	-47.49	-13	-34.49	-72.45	-56.87	2.43	11.81	H
	3757	-46.03	-13	-33.03	-60.31	-52.65	1.68	8.31	V
	5635	-53.93	-13	-40.93	-72.23	-60.98	2.70	9.75	V
	7512	-49.94	-13	-36.94	-73.97	-59.32	2.43	11.81	V
Highest	3816	-41.90	-13	-28.90	-56.59	-46.43	1.70	8.38	H
	5724	-46.87	-13	-33.87	-66.93	-51.76	2.75	9.79	H
	7632	-45.51	-13	-32.51	-70.1	-52.85	2.39	11.88	H
	3816	-46.55	-13	-33.55	-60.59	-51.08	1.70	8.38	V
	5724	-50.31	-13	-37.31	-69.2	-55.2	2.75	9.79	V
	7632	-44.29	-13	-31.29	-68.16	-51.63	2.39	11.88	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-41.62	-13	-28.62	-56.01	-48.19	1.67	8.24	H
	5550	-48.16	-13	-35.16	-68.19	-55.23	2.65	9.72	H
	7400	-42.80	-13	-29.80	-68.18	-51.94	2.46	11.60	H
	3700	-44.74	-13	-31.74	-59.04	-51.31	1.67	8.24	V
	5550	-51.28	-13	-38.28	-69.77	-58.35	2.65	9.72	V
	7400	-46.96	-13	-33.96	-71.13	-56.1	2.46	11.60	V
Middle	3756	-44.35	-13	-31.35	-58.93	-50.97	1.68	8.31	H
	5640	-50.77	-13	-37.77	-70.57	-57.82	2.71	9.76	H
	7512	-47.96	-13	-34.96	-72.92	-57.34	2.43	11.81	H
	3756	-46.21	-13	-33.21	-60.49	-52.83	1.68	8.31	V
	5640	-53.31	-13	-40.31	-71.61	-60.36	2.71	9.76	V
	7512	-51.16	-13	-38.16	-75.19	-60.54	2.43	11.81	V
Highest	3810	-41.11	-13	-28.11	-55.74	-45.63	1.70	8.37	H
	5715	-47.42	-13	-34.42	-67.41	-52.31	2.75	9.79	H
	7620	-45.45	-13	-32.45	-70.04	-52.78	2.39	11.87	H
	3810	-45.19	-13	-32.19	-59.22	-49.71	1.70	8.37	V
	5715	-51.05	-13	-38.05	-69.81	-55.94	2.75	9.79	V
	7620	-46.95	-13	-33.95	-70.78	-54.28	2.39	11.87	V

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

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3696	-43.34	-13	-30.34	-57.74	-49.91	1.67	8.24	H
	5556	-47.64	-13	-34.64	-67.67	-54.71	2.66	9.72	H
	7404	-41.38	-13	-28.38	-66.76	-50.53	2.46	11.61	H
	3696	-46.99	-13	-33.99	-61.3	-53.56	1.67	8.24	V
	5556	-50.64	-13	-37.64	-69.13	-57.71	2.66	9.72	V
	7404	-45.00	-13	-32.00	-69.17	-54.15	2.46	11.61	V
Middle	3756	-43.12	-13	-30.12	-57.7	-49.74	1.68	8.31	H
	5628	-47.71	-13	-34.71	-67.57	-54.76	2.70	9.75	H
	7500	-47.47	-13	-34.47	-72.51	-56.84	2.43	11.80	H
	3756	-46.02	-13	-33.02	-60.3	-52.64	1.68	8.31	V
	5628	-53.33	-13	-40.33	-71.58	-60.38	2.70	9.75	V
	7500	-50.41	-13	-37.41	-74.49	-59.78	2.43	11.80	V
Highest	3804	-37.53	-13	-24.53	-52.17	-42.05	1.70	8.36	H
	5700	-46.39	-13	-33.39	-66.3	-51.28	2.74	9.78	H
	7608	-43.89	-13	-30.89	-68.48	-51.21	2.39	11.86	H
	3804	-41.33	-13	-28.33	-55.29	-45.85	1.70	8.36	V
	5700	-50.70	-13	-37.70	-69.32	-55.59	2.74	9.78	V
	7608	-45.51	-13	-32.51	-69.34	-52.83	2.39	11.86	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3708	-37.86	-13	-24.86	-52.25	-44.44	1.67	8.25	H
	5556	-43.84	-13	-30.84	-63.87	-50.91	2.66	9.72	H
	7404	-42.82	-13	-29.82	-68.2	-51.97	2.46	11.61	H
	3708	-43.75	-13	-30.75	-58.05	-50.33	1.67	8.25	V
	5556	-49.23	-13	-36.23	-67.72	-56.3	2.66	9.72	V
	7404	-44.14	-13	-31.14	-69.11	-53.29	2.46	11.61	V
Middle	3744	-40.16	-13	-27.16	-54.68	-46.77	1.68	8.29	H
	5616	-45.35	-13	-32.35	-65.21	-52.4	2.69	9.75	H
	7500	-46.23	-13	-33.23	-71.27	-55.6	2.43	11.80	H
	3744	-44.30	-13	-31.30	-58.59	-50.91	1.68	8.29	V
	5616	-49.15	-13	-36.15	-67.4	-56.2	2.69	9.75	V
	7500	-48.03	-13	-35.03	-72.11	-57.4	2.43	11.80	V
Highest	3790	-37.36	-13	-24.36	-51.97	-41.86	1.70	8.35	H
	5685	-48.50	-13	-35.50	-68.4	-53.39	2.73	9.77	H
	7580	-45.52	-13	-32.52	-70.18	-52.81	2.40	11.85	H
	3790	-41.09	-13	-28.09	-55.15	-45.59	1.70	8.35	V
	5685	-49.94	-13	-36.94	-68.55	-54.83	2.73	9.77	V
	7580	-45.98	-13	-32.98	-69.83	-53.27	2.40	11.85	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3708	-40.86	-13	-27.86	-55.25	-47.44	1.67	8.25	H
	5556	-44.62	-13	-31.62	-64.65	-51.69	2.66	9.72	H
	7404	-44.77	-13	-31.77	-70.15	-53.92	2.46	11.61	H
	3708	-44.24	-13	-31.24	-58.54	-50.82	1.67	8.25	V
	5556	-48.93	-13	-35.93	-67.42	-56	2.66	9.72	V
	7404	-49.15	-13	-36.15	-73.32	-58.3	2.46	11.61	V
Middle	3744	-40.40	-13	-27.40	-54.92	-47.01	1.68	8.29	H
	5616	-48.50	-13	-35.50	-68.36	-55.55	2.69	9.75	H
	7488	-48.38	-13	-35.38	-73.42	-57.72	2.43	11.78	H
	3744	-44.93	-13	-31.93	-59.22	-51.54	1.68	8.29	V
	5616	-49.55	-13	-36.55	-67.8	-56.6	2.69	9.75	V
	7488	-50.15	-13	-37.15	-74.23	-59.49	2.43	11.78	V
Highest	3780	-40.65	-13	-27.65	-55.26	-45.14	1.69	8.34	H
	5670	-49.35	-13	-36.35	-69.18	-54.25	2.72	9.77	H
	7560	-48.13	-13	-35.13	-72.87	-55.41	2.41	11.84	H
	3780	-46.38	-13	-33.38	-60.44	-50.87	1.69	8.34	V
	5670	-51.90	-13	-38.90	-70.39	-56.8	2.72	9.77	V
	7560	-45.99	-13	-32.99	-69.89	-53.27	2.41	11.84	V

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

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-47.68	-13	-34.68	-60.03	-53.75	1.58	7.65	H
	5128	-52.85	-13	-39.85	-71.95	-60.14	2.41	9.70	H
	8551	-48.47	-13	-35.47	-75.11	-58.6	2.39	12.52	H
	3420	-43.95	-13	-30.95	-56.01	-50.02	1.58	7.65	V
	5128	-55.42	-13	-42.42	-73.39	-62.71	2.41	9.70	V
	8551	-51.77	-13	-38.77	-77.15	-61.9	2.39	12.52	V
Middle	3462	-50.01	-13	-37.01	-62.85	-56.25	1.59	7.83	H
	5198	-45.98	-13	-32.98	-65.21	-53.23	2.45	9.70	H
	6927	-53.55	-13	-40.55	-76.9	-61.65	2.61	10.71	H
	8663	-43.38	-13	-30.38	-70.97	-53.53	2.41	12.57	H
	3462	-48.18	-13	-35.18	-61.26	-54.42	1.59	7.83	V
	5198	-53.56	-13	-40.56	-71.82	-60.81	2.45	9.70	V
	6927	-52.51	-13	-39.51	-75.62	-60.61	2.61	10.71	V
	8663	-32.36	-13	-19.36	-76.42	-42.51	2.41	12.57	V
Highest	3511	-48.15	-13	-35.15	-61.47	-54.56	1.61	8.01	H
	5261	-54.93	-13	-41.93	-74.11	-62.14	2.49	9.70	H
	8768	-48.75	-13	-35.75	-76.77	-58.92	2.43	12.61	H
	3511	-50.62	-13	-37.62	-64.49	-57.03	1.61	8.01	V
	5261	-59.65	-13	-46.65	-78.18	-66.86	2.49	9.70	V
	8768	-52.06	-13	-39.06	-77.63	-62.23	2.43	12.61	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-47.80	-13	-34.80	-60.15	-53.87	1.58	7.65	H
	5130	-51.38	-13	-38.38	-70.48	-58.67	2.41	9.70	H
	8551	-48.23	-13	-35.23	-74.87	-58.36	2.39	12.52	H
	3420	-43.65	-13	-30.65	-55.71	-49.72	1.58	7.65	V
	5130	-57.92	-13	-44.92	-75.89	-65.21	2.41	9.70	V
	8551	-52.13	-13	-39.13	-77.51	-62.26	2.39	12.52	V
Middle	3462	-51.18	-13	-38.18	-64.02	-57.42	1.59	7.83	H
	5191	-45.34	-13	-32.34	-64.56	-52.59	2.45	9.70	H
	6927	-52.72	-13	-39.72	-76.07	-60.82	2.61	10.71	H
	8656	-45.23	-13	-32.23	-72.74	-55.38	2.41	12.56	H
	3462	-48.56	-13	-35.56	-61.64	-54.8	1.59	7.83	V
	5191	-53.34	-13	-40.34	-71.59	-60.59	2.45	9.70	V
	6927	-52.28	-13	-39.28	-75.39	-60.38	2.61	10.71	V
	8656	-51.41	-13	-38.41	-76.96	-61.56	2.41	12.56	V
Highest	3504	-49.38	-13	-36.38	-62.57	-55.78	1.61	8.00	H
	5254	-54.86	-13	-41.86	-73.9	-62.08	2.48	9.70	H
	8761	-46.39	-13	-33.39	-74.41	-56.56	2.43	12.60	H
	3504	-50.30	-13	-37.30	-64.08	-56.7	1.61	8.00	V
	5254	-58.31	-13	-45.31	-76.79	-65.53	2.48	9.70	V
	8761	-51.95	-13	-38.95	-77.52	-62.12	2.43	12.60	V

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

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-45.81	-13	-32.81	-58.16	-51.88	1.58	7.65	H
	5128	-51.50	-13	-38.50	-70.6	-58.79	2.41	9.70	H
	8551	-46.97	-13	-33.97	-73.61	-57.1	2.39	12.52	H
	3420	-42.79	-13	-29.79	-54.85	-48.86	1.58	7.65	V
	5128	-56.96	-13	-43.96	-74.93	-64.25	2.41	9.70	V
	8551	-51.89	-13	-38.89	-77.27	-62.02	2.39	12.52	V
Middle	3456	-49.47	-13	-36.47	-62.14	-55.69	1.59	7.81	H
	5196	-46.11	-13	-33.11	-65.33	-53.36	2.45	9.70	H
	6924	-52.59	-13	-39.59	-75.89	-60.68	2.62	10.71	H
	8652	-46.50	-13	-33.50	-74.01	-56.65	2.41	12.56	H
	3456	-48.46	-13	-35.46	-61.2	-54.68	1.59	7.81	V
	5196	-53.75	-13	-40.75	-72	-61	2.45	9.70	V
	6924	-52.55	-13	-39.55	-75.59	-60.64	2.62	10.71	V
	8652	-51.75	-13	-38.75	-77.3	-61.9	2.41	12.56	V
Highest	3504	-46.75	-13	-33.75	-59.94	-53.15	1.61	8.00	H
	5254	-56.26	-13	-43.26	-75.3	-63.48	2.48	9.70	H
	8754	-46.64	-13	-33.64	-74.59	-56.81	2.43	12.60	H
	3504	-47.98	-13	-34.98	-61.76	-54.38	1.61	8.00	V
	5254	-58.05	-13	-45.05	-76.53	-65.27	2.48	9.70	V
	8754	-52.40	-13	-39.40	-77.7	-62.57	2.43	12.60	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-46.14	-13	-33.14	-58.44	-52.21	1.58	7.65	H
	5135	-51.77	-13	-38.77	-70.84	-59.06	2.41	9.70	H
	8551	-49.51	-13	-36.51	-76.04	-59.64	2.39	12.52	H
	3420	-43.86	-13	-30.86	-55.75	-49.93	1.58	7.65	V
	5135	-54.92	-13	-41.92	-72.76	-62.21	2.41	9.70	V
	8551	-51.17	-13	-38.17	-76.49	-61.3	2.39	12.52	V
Middle	3455	-51.54	-13	-38.54	-64.14	-57.75	1.59	7.80	H
	5184	-48.79	-13	-35.79	-67.92	-56.05	2.44	9.70	H
	6913	-48.95	-13	-35.95	-72.17	-57.03	2.62	10.70	H
	8642	-47.69	-13	-34.69	-75.16	-57.84	2.41	12.56	H
	3455	-49.43	-13	-36.43	-62.12	-55.64	1.59	7.80	V
	5184	-52.23	-13	-39.23	-70.23	-59.49	2.44	9.70	V
	6913	-50.17	-13	-37.17	-73.12	-58.25	2.62	10.70	V
	8642	-51.53	-13	-38.53	-77.03	-61.68	2.41	12.56	V
Highest	3490	-48.66	-13	-35.66	-61.61	-55.01	1.60	7.96	H
	5240	-53.03	-13	-40.03	-72.07	-60.25	2.48	9.70	H
	8726	-48.06	-13	-35.06	-75.78	-58.23	2.42	12.59	H
	3490	-47.16	-13	-34.16	-60.58	-53.51	1.60	7.96	V
	5240	-56.89	-13	-43.89	-75.25	-64.11	2.48	9.70	V
	8726	-51.39	-13	-38.39	-76.92	-61.56	2.42	12.59	V

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

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-46.68	-13	-33.68	-59.03	-52.75	1.58	7.65	H
	5135	-50.76	-13	-37.76	-69.86	-58.05	2.41	9.70	H
	8558	-48.75	-13	-35.75	-75.62	-58.89	2.39	12.52	H
	3420	-42.92	-13	-29.92	-54.98	-48.99	1.58	7.65	V
	5135	-56.36	-13	-43.36	-74.33	-63.65	2.41	9.70	V
	8558	-51.44	-13	-38.44	-76.8	-61.58	2.39	12.52	V
Middle	3455	-52.90	-13	-39.90	-65.57	-59.11	1.59	7.80	H
	5177	-47.86	-13	-34.86	-67.05	-55.12	2.44	9.70	H
	6906	-52.56	-13	-39.56	-75.82	-60.63	2.62	10.69	H
	8628	-49.24	-13	-36.24	-76.69	-59.39	2.40	12.55	H
	3455	-49.33	-13	-36.33	-62.07	-55.54	1.59	7.80	V
	5177	-54.66	-13	-41.66	-72.84	-61.92	2.44	9.70	V
	6906	-52.53	-13	-39.53	-75.52	-60.6	2.62	10.69	V
	8628	-52.06	-13	-39.06	-77.62	-62.21	2.40	12.55	V
Highest	3483	-48.25	-13	-35.25	-61.27	-54.58	1.60	7.93	H
	5226	-44.84	-13	-31.84	-63.93	-52.07	2.47	9.70	H
	6962	-53.42	-13	-40.42	-76.85	-61.57	2.60	10.75	H
	8705	-48.63	-13	-35.63	-76.36	-58.79	2.42	12.58	H
	3483	-46.75	-13	-33.75	-60.18	-53.08	1.60	7.93	V
	5226	-53.78	-13	-40.78	-72.18	-61.01	2.47	9.70	V
	6962	-53.53	-13	-40.53	-76.76	-61.68	2.60	10.75	V
	8705	-52.51	-13	-39.51	-78.07	-62.67	2.42	12.58	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-48.05	-13	-35.05	-60.4	-54.12	1.58	7.65	H
	5135	-49.69	-13	-36.69	-68.79	-56.98	2.41	9.70	H
	8558	-47.77	-13	-34.77	-74.64	-57.91	2.39	12.52	H
	3420	-44.00	-13	-31.00	-56.06	-50.07	1.58	7.65	V
	5135	-56.80	-13	-43.80	-74.77	-64.09	2.41	9.70	V
	8558	-52.37	-13	-39.37	-77.76	-62.51	2.39	12.52	V
Middle	3448	-53.13	-13	-40.13	-65.8	-59.31	1.59	7.77	H
	5170	-48.91	-13	-35.91	-68.07	-56.18	2.43	9.70	H
	6890	-54.79	-13	-41.79	-78	-62.83	2.63	10.67	H
	3448	-49.43	-13	-36.43	-62.17	-55.61	1.59	7.77	V
	5170	-55.70	-13	-42.70	-73.81	-62.97	2.43	9.70	V
	6890	-55.56	-13	-42.56	-78.48	-63.6	2.63	10.67	V
Highest	3476	-47.22	-13	-34.22	-60.24	-53.52	1.60	7.89	H
	5212	-43.04	-13	-30.04	-62.2	-50.28	2.46	9.70	H
	6948	-47.07	-13	-34.07	-70.46	-55.2	2.61	10.74	H
	8675	-42.67	-13	-29.67	-70.27	-52.83	2.41	12.57	H
	3476	-45.63	-13	-32.63	-59.06	-51.93	1.60	7.89	V
	5212	-49.31	-13	-36.31	-67.63	-56.55	2.46	9.70	V
	6948	-50.85	-13	-37.85	-74.01	-58.98	2.61	10.74	V
	8675	-51.61	-13	-38.61	-77.18	-61.77	2.41	12.57	V

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

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-37.64	-25	-12.64	-56.5	-45	2.34	9.70	H
	7500	-44.88	-25	-19.88	-69.92	-54.25	2.43	11.80	H
	10008	-47.95	-25	-22.95	-76.68	-57.46	2.70	12.20	H
	12504	-31.93	-25	-6.93	-67.32	-41.53	2.81	12.40	H
	5004	-40.71	-25	-15.71	-58.15	-48.07	2.34	9.70	V
	7500	-46.54	-25	-21.54	-70.62	-55.91	2.43	11.80	V
	10008	-52.55	-25	-27.55	-78.61	-62.06	2.70	12.20	V
	12504	-37.87	-25	-12.87	-69.94	-47.47	2.81	12.40	V
Middle	5064	-35.51	-25	-10.51	-54.48	-42.84	2.37	9.70	H
	7596	-45.80	-25	-20.80	-70.39	-55.26	2.40	11.86	H
	10128	-48.31	-25	-23.31	-77.13	-57.87	2.70	12.25	H
	12660	-30.68	-25	-5.68	-66.78	-40.43	2.84	12.59	H
	5064	-36.74	-25	-11.74	-54.4	-44.07	2.37	9.70	V
	7596	-48.42	-25	-23.42	-72.22	-57.88	2.40	11.86	V
	10128	-51.41	-25	-26.41	-77.84	-60.97	2.70	12.25	V
	12660	-37.93	-25	-12.93	-70.5	-47.68	2.84	12.59	V
Highest	5136	-39.66	-25	-14.66	-58.75	-46.94	2.42	9.70	H
	7692	-43.05	-25	-18.05	-67.69	-52.6	2.37	11.92	H
	10260	-48.23	-25	-23.23	-77.15	-57.84	2.69	12.30	H
	12828	-29.90	-25	-4.90	-66.78	-39.81	2.89	12.79	H
	5136	-42.23	-25	-17.23	-60.19	-49.51	2.42	9.70	V
	7692	-47.06	-25	-22.06	-71.06	-56.61	2.37	11.92	V
	10260	-50.90	-25	-25.90	-77.7	-60.51	2.69	12.30	V
	12828	-35.88	-25	-10.88	-69.02	-45.79	2.89	12.79	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-35.37	-25	-10.37	-54.23	-42.73	2.34	9.70	H
	7500	-43.61	-25	-18.61	-68.65	-52.98	2.43	11.80	H
	10008	-47.58	-25	-22.58	-76.31	-57.09	2.70	12.20	H
	12504	-28.05	-25	-3.05	-63.44	-37.64	2.81	12.40	H
	5004	-38.31	-25	-13.31	-55.75	-45.67	2.34	9.70	V
	7500	-45.51	-25	-20.51	-69.59	-54.88	2.43	11.80	V
	10008	-52.66	-25	-27.66	-78.72	-62.17	2.70	12.20	V
	12504	-36.29	-25	-11.29	-68.36	-45.89	2.81	12.40	V
Middle	5064	-33.30	-25	-8.30	-52.26	-40.63	2.37	9.70	H
	7596	-43.06	-25	-18.06	-67.64	-52.52	2.40	11.86	H
	10128	-47.34	-25	-22.34	-76.15	-56.9	2.70	12.25	H
	12648	-29.65	-25	-4.65	-65.66	-39.39	2.84	12.58	H
	5064	-35.47	-25	-10.47	-53.13	-42.8	2.37	9.70	V
	7596	-46.76	-25	-21.76	-70.56	-56.22	2.40	11.86	V
	10128	-52.23	-25	-27.23	-78.66	-61.79	2.70	12.25	V
	12648	-36.96	-25	-11.96	-69.48	-46.7	2.84	12.58	V
Highest	5124	-38.36	-25	-13.36	-57.45	-45.65	2.41	9.70	H
	7680	-41.65	-25	-16.65	-66.28	-51.19	2.37	11.91	H
	10248	-47.97	-25	-22.97	-76.86	-57.57	2.69	12.30	H
	12804	-31.27	-25	-6.27	-67.99	-41.15	2.88	12.76	H
	5124	-40.61	-25	-15.61	-58.57	-47.9	2.41	9.70	V
	7680	-46.53	-25	-21.53	-70.5	-56.07	2.37	11.91	V
	10248	-51.20	-25	-26.20	-77.95	-60.8	2.69	12.30	V
	12804	-36.68	-25	-11.68	-69.7	-46.56	2.88	12.76	V

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

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-38.29	-25	-13.29	-57.15	-45.65	2.34	9.70	H
	7500	-43.62	-25	-18.62	-68.66	-52.99	2.43	11.80	H
	10008	-47.68	-25	-22.68	-76.41	-57.19	2.70	12.20	H
	12504	-30.19	-25	-5.19	-65.59	-39.79	2.81	12.40	H
	5004	-40.38	-25	-15.38	-57.82	-47.74	2.34	9.70	V
	7500	-44.26	-25	-19.26	-68.34	-53.63	2.43	11.80	V
	10008	-51.52	-25	-26.52	-77.63	-61.03	2.70	12.20	V
	12504	-36.07	-25	-11.07	-68.14	-45.67	2.81	12.40	V
Middle	5052	-33.30	-25	-8.30	-52.23	-40.63	2.37	9.70	H
	7584	-42.98	-25	-17.98	-67.65	-52.43	2.40	11.85	H
	10116	-47.68	-25	-22.68	-76.48	-57.23	2.70	12.25	H
	12648	-30.02	-25	-5.02	-66.04	-39.76	2.84	12.58	H
	5052	-36.77	-25	-11.77	-54.36	-44.1	2.37	9.70	V
	7584	-46.57	-25	-21.57	-70.42	-56.02	2.40	11.85	V
	10116	-51.32	-25	-26.32	-77.7	-60.87	2.70	12.25	V
	12648	-36.99	-25	-11.99	-69.51	-46.73	2.84	12.58	V
Highest	5112	-37.52	-25	-12.52	-56.59	-44.82	2.40	9.70	H
	7668	-41.33	-25	-16.33	-65.95	-50.86	2.38	11.90	H
	10224	-48.92	-25	-23.92	-77.8	-58.51	2.69	12.29	H
	12780	-31.72	-25	-6.72	-68.36	-41.58	2.87	12.74	H
	5112	-39.86	-25	-14.86	-57.74	-47.16	2.40	9.70	V
	7668	-45.49	-25	-20.49	-69.42	-55.02	2.38	11.90	V
	10224	-50.91	-25	-25.91	-77.62	-60.5	2.69	12.29	V
	12780	-38.50	-25	-13.50	-71.47	-48.36	2.87	12.74	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-36.19	-25	-11.19	-55.05	-43.55	2.34	9.70	H
	7500	-41.67	-25	-16.67	-66.71	-51.04	2.43	11.80	H
	10008	-48.40	-25	-23.40	-77.13	-57.91	2.70	12.20	H
	12504	-29.66	-25	-4.66	-65.06	-39.26	2.81	12.40	H
	5004	-39.15	-25	-14.15	-56.59	-46.51	2.34	9.70	V
	7500	-43.45	-25	-18.45	-67.53	-52.82	2.43	11.80	V
	10008	-52.30	-25	-27.30	-78.36	-61.81	2.70	12.20	V
	12504	-37.01	-25	-12.01	-69.08	-46.61	2.81	12.40	V
Middle	5052	-33.78	-25	-8.78	-52.71	-41.11	2.37	9.70	H
	7584	-41.77	-25	-16.77	-66.44	-51.22	2.40	11.85	H
	10104	-48.09	-25	-23.09	-76.9	-57.64	2.70	12.24	H
	12636	-30.68	-25	-5.68	-66.62	-40.4	2.84	12.56	H
	5052	-36.69	-25	-11.69	-54.28	-44.02	2.37	9.70	V
	7584	-44.47	-25	-19.47	-68.33	-53.92	2.40	11.85	V
	10104	-50.76	-25	-25.76	-77.15	-60.31	2.70	12.24	V
	12636	-37.75	-25	-12.75	-70.21	-47.47	2.84	12.56	V
Highest	5100	-38.15	-25	-13.15	-57.18	-45.46	2.39	9.70	H
	7656	-39.75	-25	-14.75	-64.36	-49.26	2.38	11.89	H
	10200	-48.38	-25	-23.38	-77.24	-57.96	2.70	12.28	H
	12756	-32.74	-25	-7.74	-69.31	-42.58	2.87	12.71	H
	5100	-40.07	-25	-15.07	-57.88	-47.38	2.39	9.70	V
	7656	-43.48	-25	-18.48	-67.41	-52.99	2.38	11.89	V
	10200	-50.58	-25	-25.58	-77.2	-60.16	2.70	12.28	V
	12756	-38.86	-25	-13.86	-71.77	-48.7	2.87	12.71	V

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

LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-62.76	-13.00	-49.76	-67.83	-64.42	0.87	4.68	H
	2096	-64.48	-13.00	-51.48	-72.98	-65.35	1.16	4.19	H
	2800	-61.21	-13.00	-48.21	-72.08	-63.32	1.38	5.64	H
	1400	-63.54	-13.00	-50.54	-67.63	-65.20	0.87	4.68	V
	2096	-63.28	-13.00	-50.28	-72.31	-64.15	1.16	4.19	V
	2800	-57.06	-13.00	-44.06	-68.50	-59.17	1.38	5.64	V
Middle	1416	-66.15	-13.00	-53.15	-71.22	-67.90	0.87	4.78	H
	2120	-62.73	-13.00	-49.73	-71.52	-63.67	1.17	4.26	H
	2832	-60.72	-13.00	-47.72	-71.70	-62.84	1.39	5.67	H
	1416	-67.52	-13.00	-54.52	-71.61	-69.27	0.87	4.78	V
	2120	-58.13	-13.00	-45.13	-67.51	-59.07	1.17	4.26	V
	2832	-57.54	-13.00	-44.54	-69.02	-59.66	1.39	5.67	V
Highest	1429	-62.13	-13.00	-49.13	-67.32	-63.96	0.88	4.86	H
	2143	-63.90	-13.00	-50.90	-72.82	-64.90	1.18	4.33	H
	2856	-61.50	-13.00	-48.50	-72.54	-63.63	1.40	5.68	H
	1429	-61.63	-13.00	-48.63	-65.67	-63.46	0.88	4.86	V
	2143	-60.46	-13.00	-47.46	-70.17	-61.46	1.18	4.33	V
	2856	-59.77	-13.00	-46.77	-71.27	-61.90	1.40	5.68	V

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

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-62.92	-13.00	-49.92	-67.99	-64.58	0.87	4.68	H
	2097	-64.96	-13.00	-51.96	-73.61	-65.84	1.16	4.19	H
	2800	-61.10	-13.00	-48.10	-71.97	-63.21	1.38	5.64	H
	1400	-64.43	-13.00	-51.43	-68.44	-66.09	0.87	4.68	V
	2097	-63.65	-13.00	-50.65	-72.69	-64.53	1.16	4.19	V
	2800	-57.74	-13.00	-44.74	-69.18	-59.85	1.38	5.64	V
Middle	1412	-67.36	-13.00	-54.36	-72.43	-69.09	0.87	4.75	H
	2118	-64.73	-13.00	-51.73	-73.51	-65.66	1.17	4.25	H
	2824	-61.69	-13.00	-48.69	-72.62	-63.81	1.39	5.66	H
	1412	-67.69	-13.00	-54.69	-71.78	-69.42	0.87	4.75	V
	2118	-61.90	-13.00	-48.90	-71.30	-62.83	1.17	4.25	V
	2824	-57.79	-13.00	-44.79	-69.25	-59.91	1.39	5.66	V
Highest	1424	-67.43	-13.00	-54.43	-72.61	-69.23	0.88	4.83	H
	2144	-66.51	-13.00	-53.51	-75.43	-67.51	1.18	4.33	H
	2856	-64.67	-13.00	-51.67	-75.71	-66.80	1.40	5.68	H
	1424	-62.24	-13.00	-49.24	-66.27	-64.04	0.88	4.83	V
	2144	-62.56	-13.00	-49.56	-72.27	-63.56	1.18	4.33	V
	2856	-60.93	-13.00	-47.93	-72.43	-63.06	1.40	5.68	V

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

LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-63.45	-13.00	-50.45	-68.52	-65.11	0.87	4.68	H
	2096	-64.36	-13.00	-51.36	-72.86	-65.23	1.16	4.19	H
	2800	-61.87	-13.00	-48.87	-72.74	-63.98	1.38	5.64	H
	1400	-62.93	-13.00	-49.93	-67.02	-64.59	0.87	4.68	V
	2096	-62.41	-13.00	-49.41	-71.44	-63.28	1.16	4.19	V
	2800	-45.96	-13.00	-32.96	-70.40	-48.07	1.38	5.64	V
Middle	1408	-67.33	-13.00	-54.33	-72.41	-69.04	0.87	4.73	H
	2120	-64.65	-13.00	-51.65	-73.44	-65.59	1.17	4.26	H
	2820	-62.52	-13.00	-49.52	-73.44	-64.63	1.39	5.66	H
	1408	-67.26	-13.00	-54.26	-71.36	-68.97	0.87	4.73	V
	2120	-63.26	-13.00	-50.26	-72.64	-64.20	1.17	4.26	V
	2820	-60.16	-13.00	-47.16	-71.61	-62.27	1.39	5.66	V
Highest	1424	-62.58	-13.00	-49.58	-67.76	-64.38	0.88	4.83	H
	2133	-64.17	-13.00	-51.17	-73.09	-65.14	1.18	4.30	H
	2848	-61.42	-13.00	-48.42	-72.47	-63.55	1.40	5.68	H
	1424	-64.24	-13.00	-51.24	-68.27	-66.04	0.88	4.83	V
	2133	-56.68	-13.00	-43.68	-66.39	-57.65	1.18	4.30	V
	2848	-58.33	-13.00	-45.33	-69.84	-60.46	1.40	5.68	V

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

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398	-62.58	-13.00	-49.58	-67.65	-64.23	0.87	4.67	H
	2097	-64.05	-13.00	-51.05	-72.56	-64.93	1.16	4.19	H
	2796	-62.12	-13.00	-49.12	-72.98	-64.22	1.38	5.64	H
	3495	-63.05	-13.00	-50.05	-76.24	-67.28	1.60	7.98	H
	1398	-63.06	-13.00	-50.06	-67.41	-64.71	0.87	4.67	V
	2097	-63.31	-13.00	-50.31	-70.37	-64.19	1.16	4.19	V
	2796	-61.68	-13.00	-48.68	-70.67	-63.78	1.38	5.64	V
	3495	-59.23	-13.00	-46.23	-74.61	-63.46	1.60	7.98	V
Middle	1408	-61.40	-13.00	-48.40	-66.47	-63.11	0.87	4.73	H
	2112	-64.58	-13.00	-51.58	-73.22	-65.50	1.17	4.24	H
	2810	-64.93	-13.00	-51.93	-75.79	-67.04	1.39	5.65	H
	1408	-62.59	-13.00	-49.59	-66.68	-64.30	0.87	4.73	V
	2112	-58.52	-13.00	-45.52	-67.55	-59.44	1.17	4.24	V
	2810	-64.41	-13.00	-51.41	-75.84	-66.52	1.39	5.65	V
Highest	1412	-66.89	-13.00	-53.89	-71.96	-68.62	0.87	4.75	H
	2120	-63.25	-13.00	-50.25	-72.04	-64.19	1.17	4.26	H
	2824	-61.94	-13.00	-48.94	-72.87	-64.06	1.39	5.66	H
	1412	-66.84	-13.00	-53.84	-70.93	-68.57	0.87	4.75	V
	2120	-59.42	-13.00	-46.42	-68.80	-60.36	1.17	4.26	V
	2824	-57.80	-13.00	-44.80	-69.26	-59.92	1.39	5.66	V

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

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-66.09	-13	-53.09	-71.17	-67.80	0.87	4.73	H
	2112	-63.65	-13	-50.65	-72.30	-64.57	1.17	4.24	H
	2816	-64.47	-13	-51.47	-75.39	-66.58	1.39	5.65	H
	1408	-67.27	-13	-54.27	-71.37	-68.98	0.87	4.73	V
	2112	-64.14	-13	-51.14	-73.18	-65.06	1.17	4.24	V
	2816	-63.45	-13	-50.45	-74.90	-65.56	1.39	5.65	V
Middle	1416	-66.89	-13	-53.89	-71.96	-68.64	0.87	4.78	H
	2122	-59.62	-13	-46.62	-68.48	-60.56	1.17	4.27	H
	2830	-63.06	-13	-50.06	-74.04	-65.18	1.39	5.66	H
	1416	-68.15	-13	-55.15	-72.24	-69.90	0.87	4.78	V
	2122	-63.92	-13	-50.92	-73.29	-64.86	1.17	4.27	V
	2830	-61.65	-13	-48.65	-73.13	-63.77	1.39	5.66	V
Highest	1424	-61.70	-13	-48.70	-66.88	-63.50	0.88	4.83	H
	2133	-58.96	-13	-45.96	-67.88	-59.93	1.18	4.30	H
	2844	-64.67	-13	-51.67	-75.65	-66.80	1.40	5.68	H
	1424	-63.87	-13	-50.87	-67.90	-65.67	0.88	4.83	V
	2133	-61.43	-13	-48.43	-71.14	-62.40	1.18	4.30	V
	2844	-63.98	-13	-50.98	-75.46	-66.11	1.40	5.68	V

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

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-66.13	-13	-53.13	-71.20	-67.84	0.87	4.73	H
	2112	-65.26	-13	-52.26	-73.90	-66.18	1.17	4.24	H
	2816	-64.19	-13	-51.19	-75.11	-66.30	1.39	5.65	H
	1408	-66.73	-13	-53.73	-70.82	-68.44	0.87	4.73	V
	2112	-64.55	-13	-51.55	-73.58	-65.47	1.17	4.24	V
	2816	-62.91	-13	-49.91	-74.36	-65.02	1.39	5.65	V
Middle	1408	-66.76	-13	-53.76	-71.83	-68.47	0.87	4.73	H
	2120	-63.38	-13	-50.38	-72.16	-64.32	1.17	4.26	H
	2820	-62.58	-13	-49.58	-73.50	-64.69	1.39	5.66	H
	1408	-68.33	-13	-55.33	-72.42	-70.04	0.87	4.73	V
	2120	-65.65	-13	-52.65	-75.02	-66.59	1.17	4.26	V
	2820	-62.16	-13	-49.16	-73.61	-64.27	1.39	5.66	V
Highest	1412	-67.75	-13	-54.75	-72.82	-69.48	0.87	4.75	H
	2118	-60.82	-13	-47.82	-69.60	-61.75	1.17	4.25	H
	2824	-63.05	-13	-50.05	-73.97	-65.17	1.39	5.66	H
	1412	-68.65	-13	-55.65	-72.74	-70.38	0.87	4.75	V
	2118	-64.75	-13	-51.75	-74.12	-65.68	1.17	4.25	V
	2824	-48.63	-13	-35.63	-73.08	-50.75	1.39	5.66	V

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