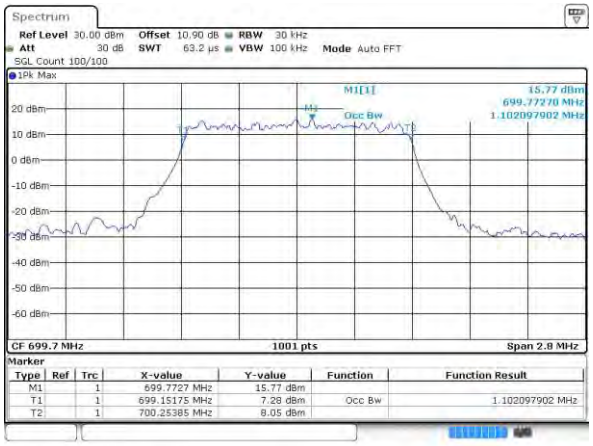
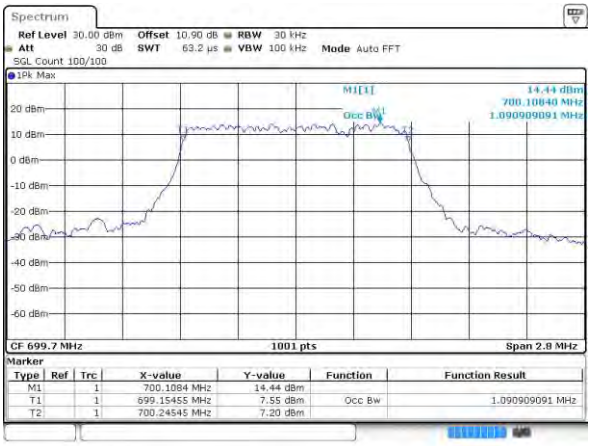
LTE Band 12

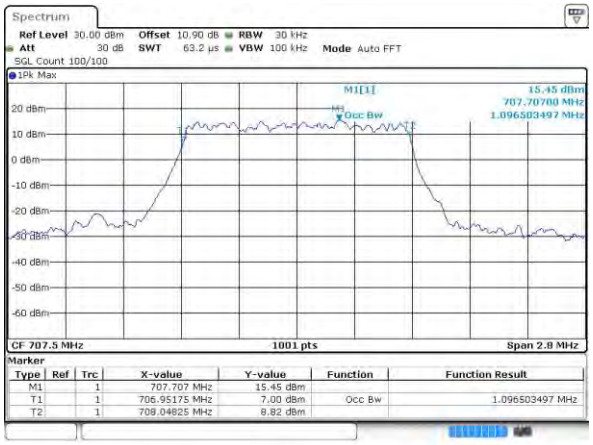
Lowest Channel / 1.4MHz / QPSK



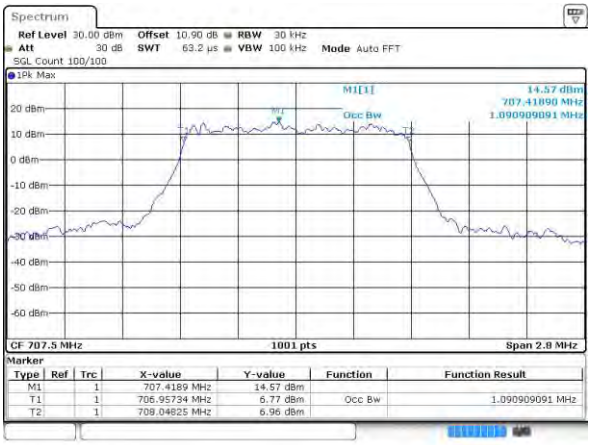
Lowest Channel / 1.4MHz / 16QAM



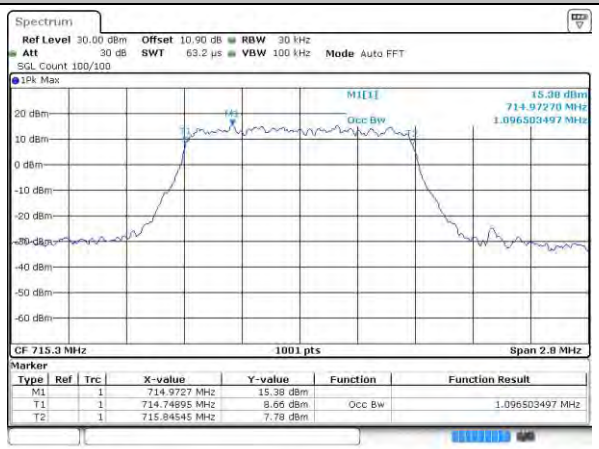
Middle Channel / 1.4MHz / QPSK



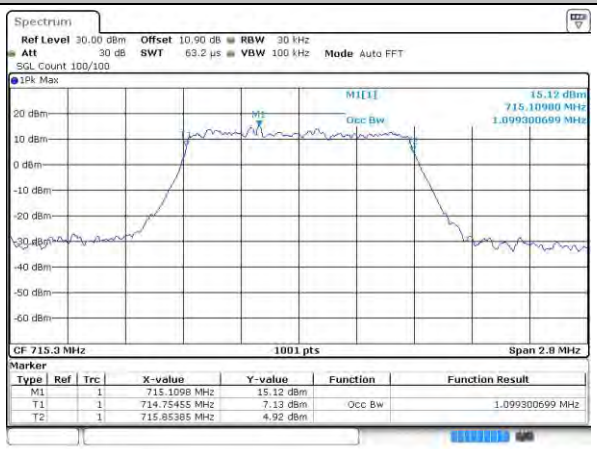
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

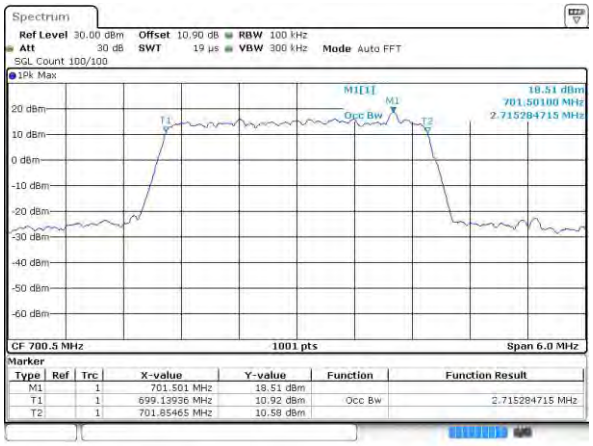


Highest Channel / 1.4MHz / 16QAM

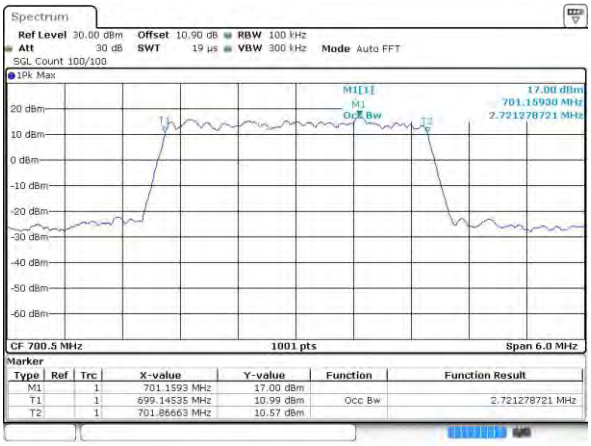


LTE Band 12

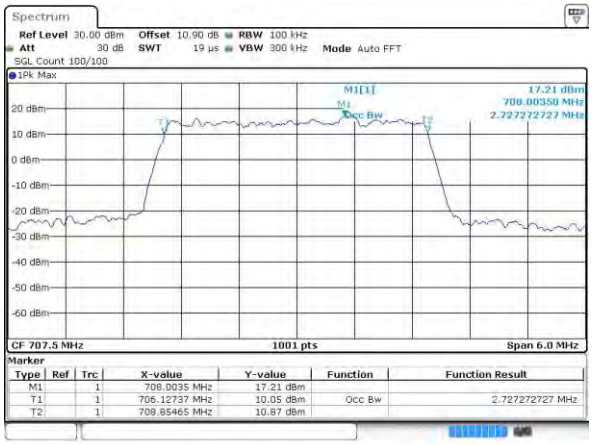
Lowest Channel / 3MHz / QPSK



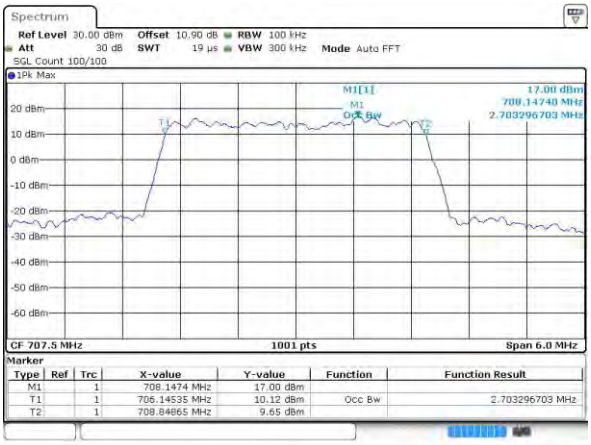
Lowest Channel / 3MHz / 16QAM



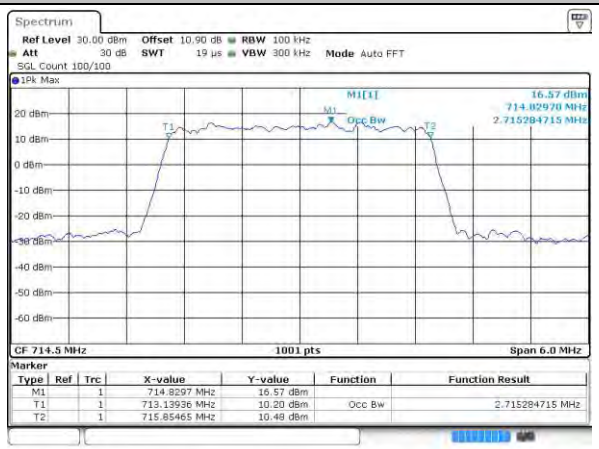
Middle Channel / 3MHz / QPSK



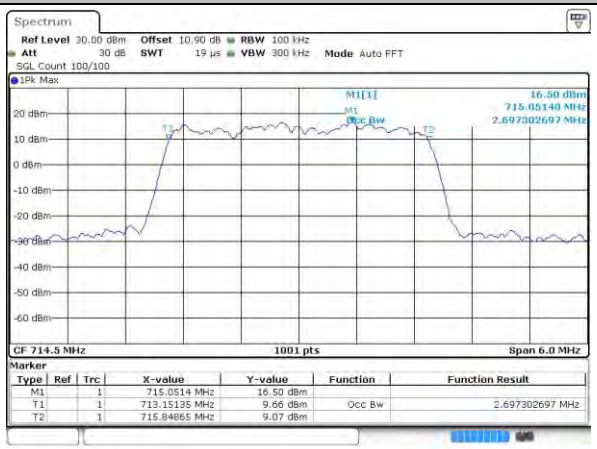
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

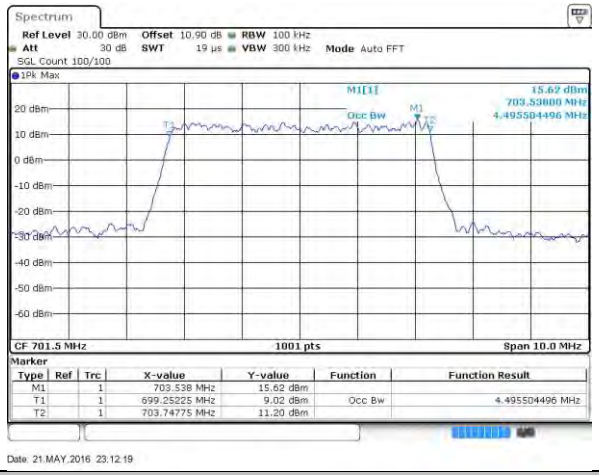


Highest Channel / 3MHz / 16QAM

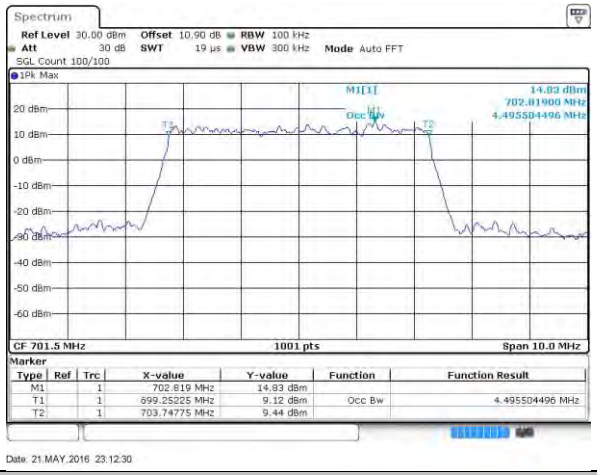


LTE Band 12

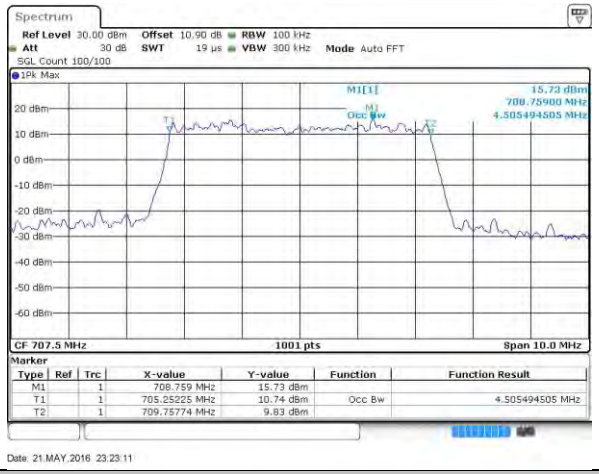
Lowest Channel / 5MHz / QPSK



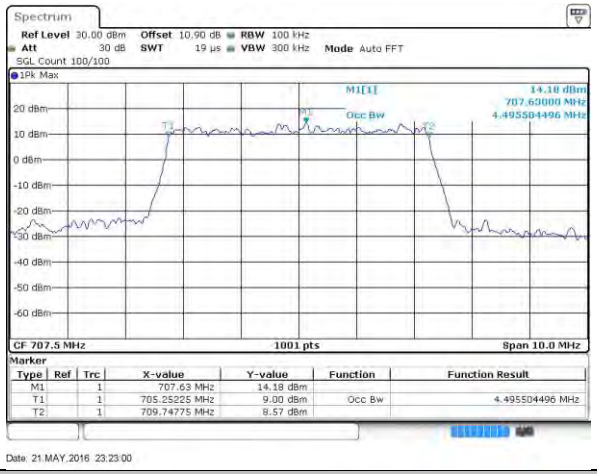
Lowest Channel / 5MHz / 16QAM



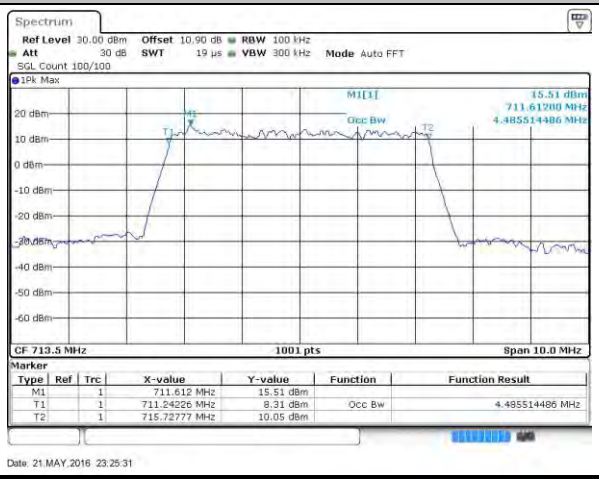
Middle Channel / 5MHz / QPSK



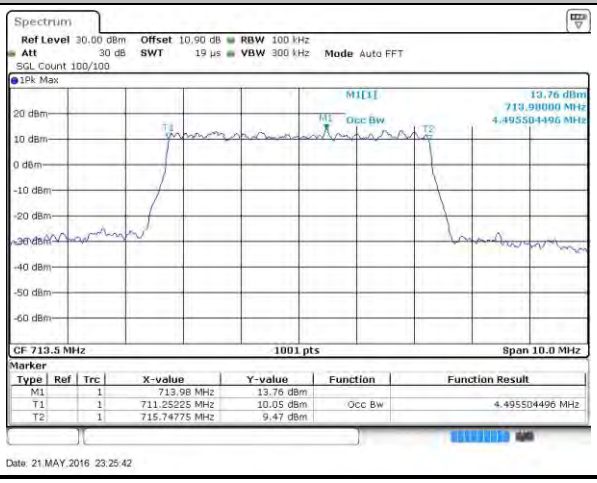
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

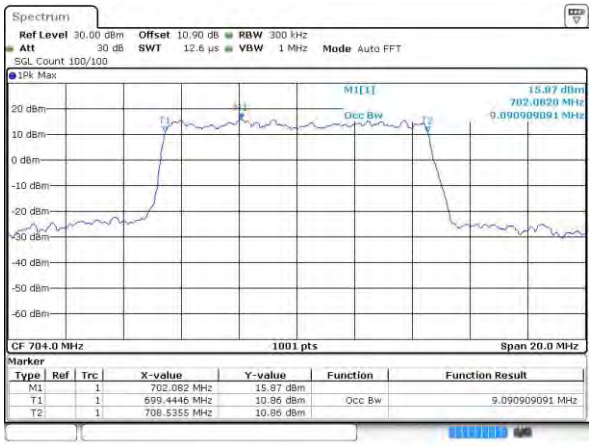


Highest Channel / 5MHz / 16QAM

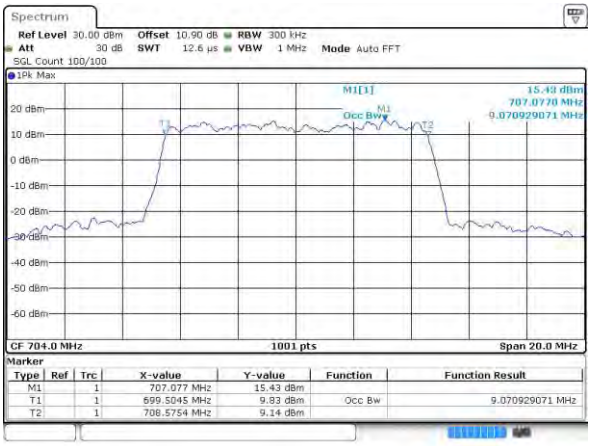


LTE Band 12

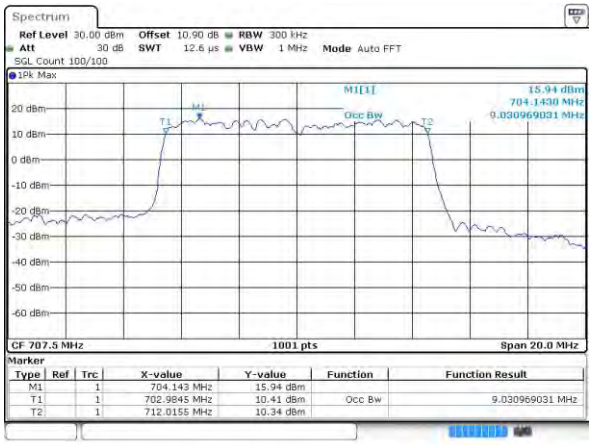
Lowest Channel / 10MHz / QPSK



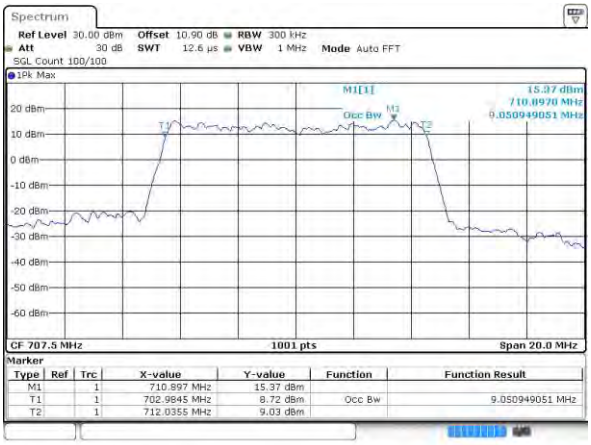
Lowest Channel / 10MHz / 16QAM



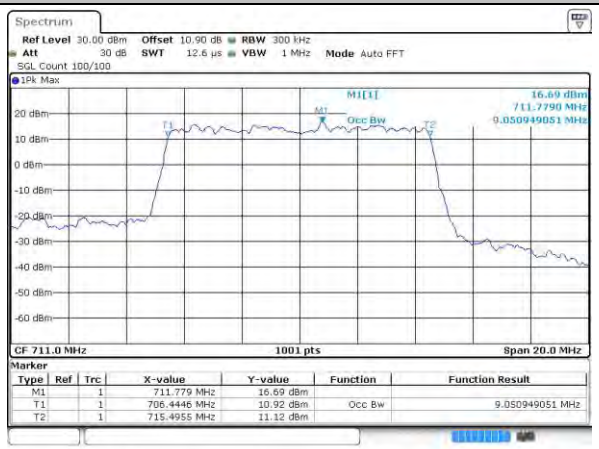
Middle Channel / 10MHz / QPSK



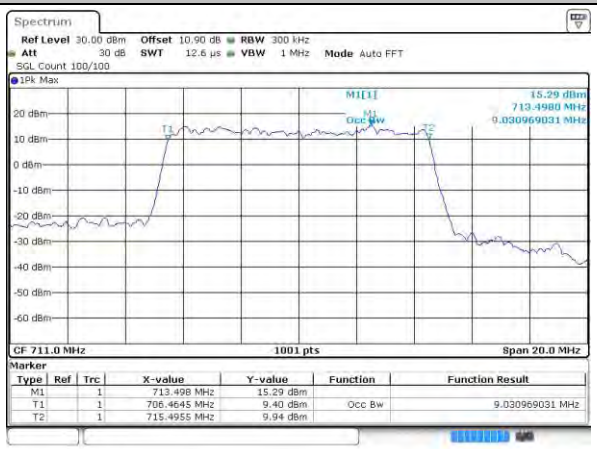
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



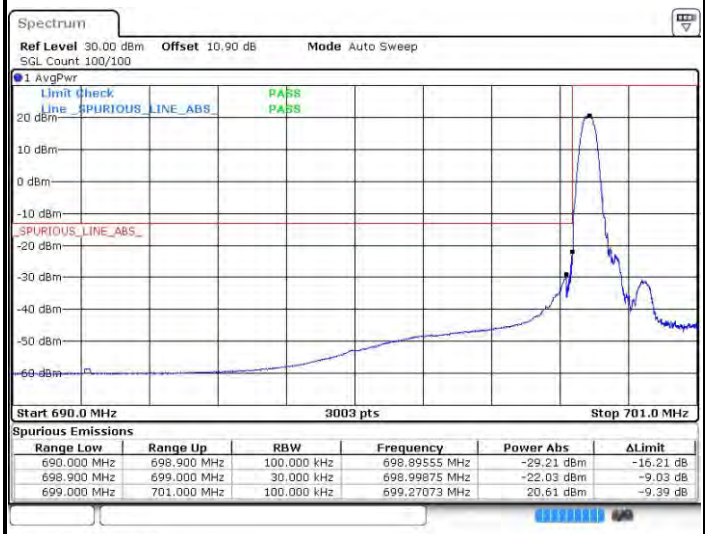
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

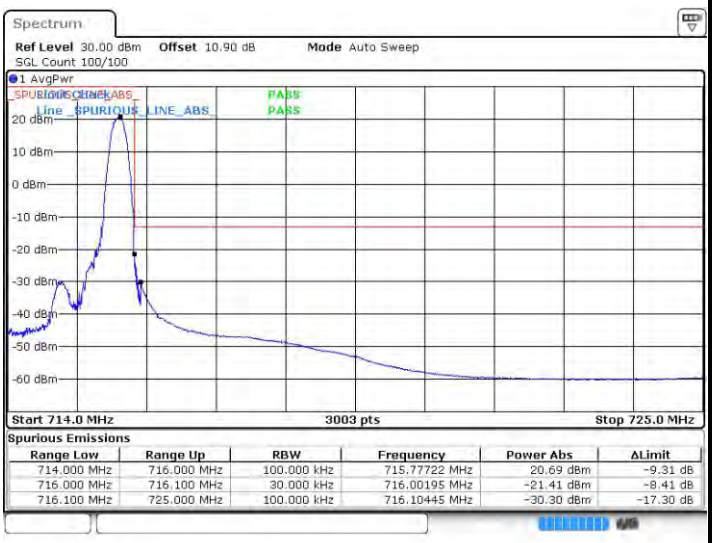


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.21 dBm	-16.21 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-22.03 dBm	-9.03 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27073 MHz	20.61 dBm	-9.39 dB

Date: 21.MAY.2016 22:33:15

Highest Band Edge / 1RB

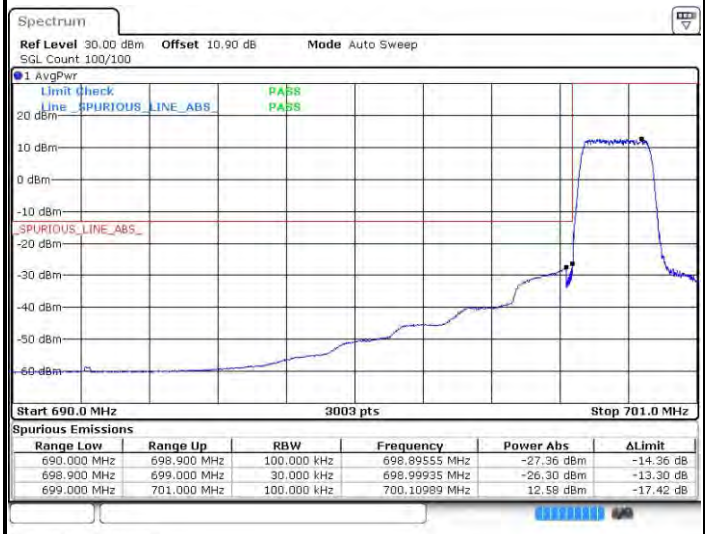


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.77722 MHz	20.69 dBm	-9.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-21.41 dBm	-8.41 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.30 dBm	-17.30 dB

Date: 21.MAY.2016 22:46:27

Lowest Band Edge / Full RB

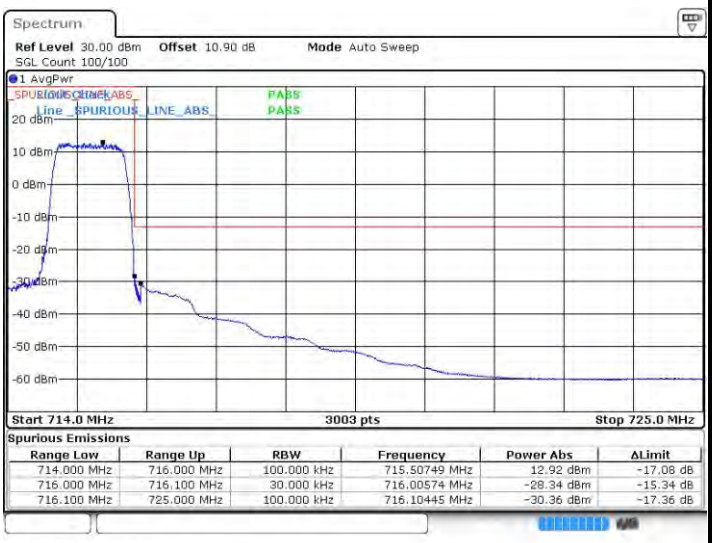


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.36 dBm	-14.36 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-26.30 dBm	-13.30 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.10989 MHz	12.58 dBm	-17.42 dB

Date: 21.MAY.2016 22:27:08

Highest Band Edge / Full RB



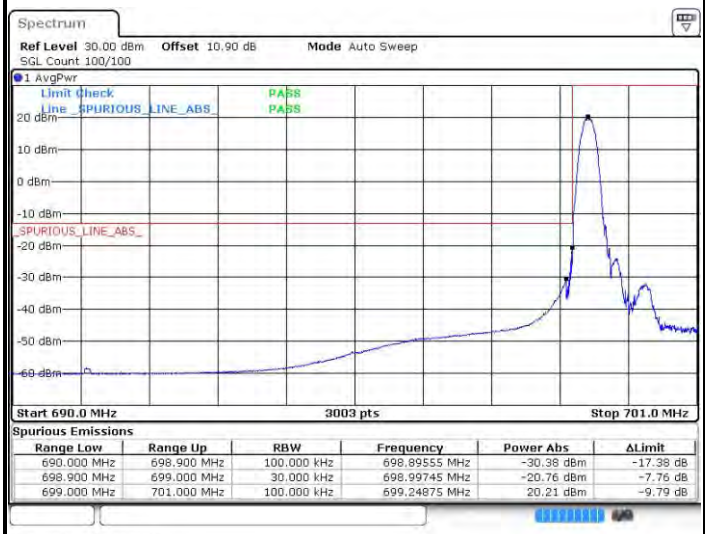
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.50749 MHz	12.92 dBm	-17.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00574 MHz	-28.34 dBm	-15.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.36 dBm	-17.36 dB

Date: 21.MAY.2016 22:40:20

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

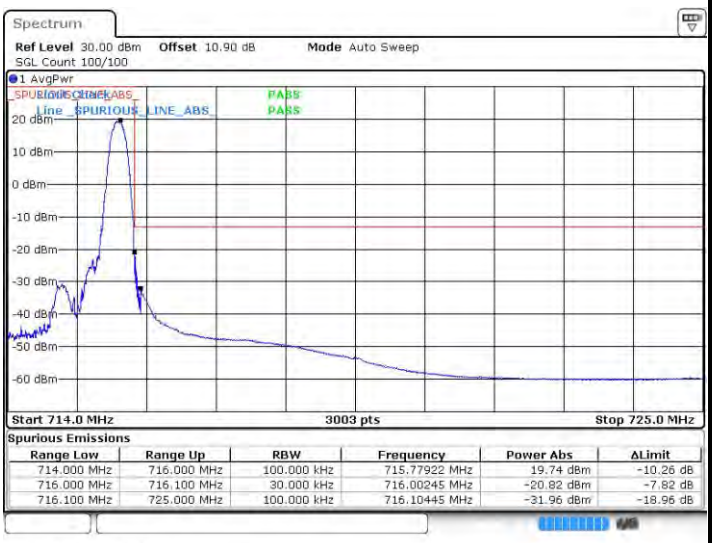


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.38 dBm	-17.38 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-20.76 dBm	-7.76 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.24875 MHz	20.21 dBm	-9.79 dB

Date: 21.MAY.2016 22:31:13

Highest Band Edge / 1 RB

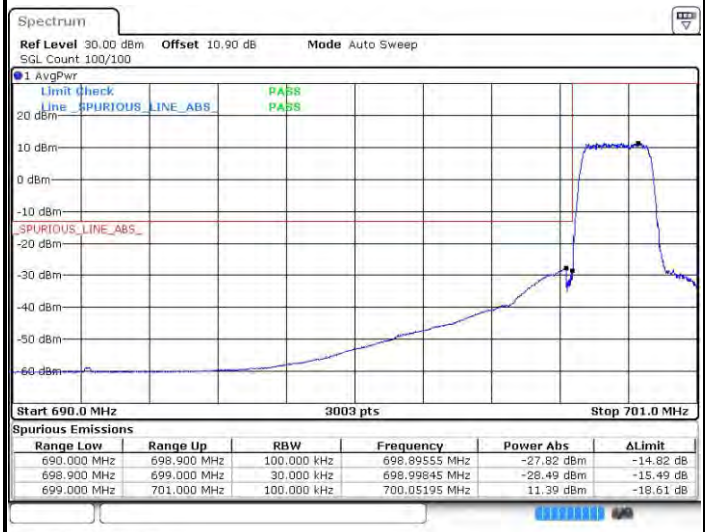


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.77922 MHz	19.74 dBm	-10.26 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-20.82 dBm	-7.82 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.96 dBm	-18.96 dB

Date: 21.MAY.2016 22:44:24

Lowest Band Edge / Full RB

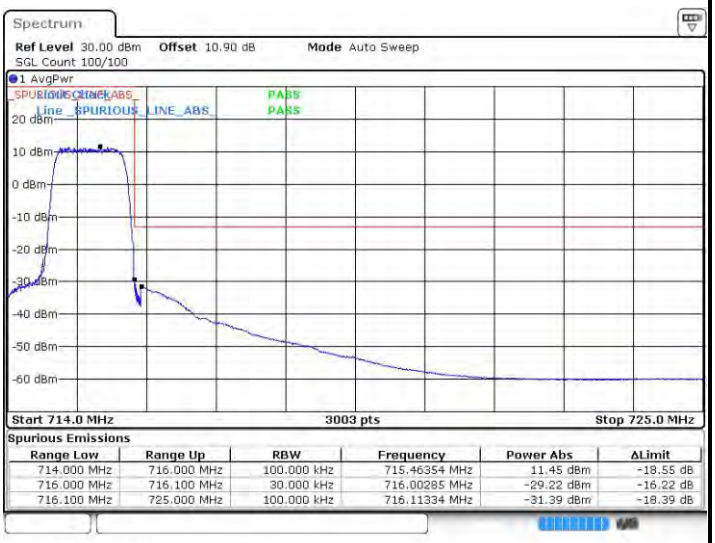


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.82 dBm	-14.82 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99845 MHz	-28.49 dBm	-15.49 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.05195 MHz	11.39 dBm	-18.61 dB

Date: 21.MAY.2016 22:29:10

Highest Band Edge / Full RB



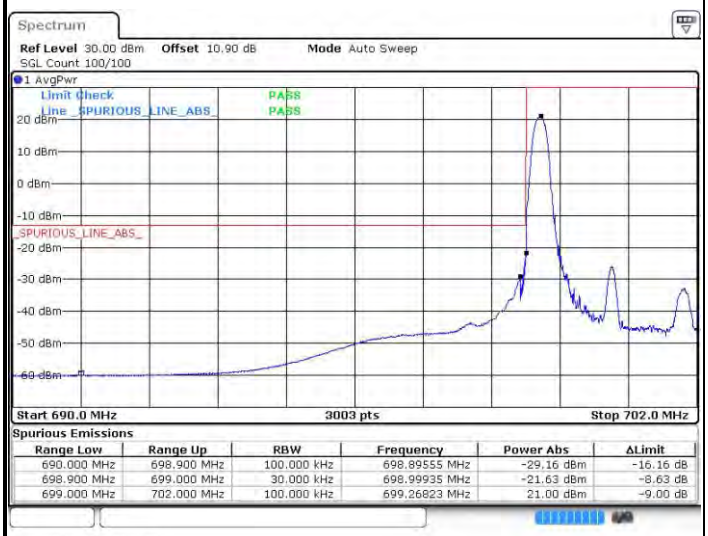
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.46354 MHz	11.45 dBm	-18.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00285 MHz	-29.22 dBm	-16.22 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.39 dBm	-18.39 dB

Date: 21.MAY.2016 22:42:22

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

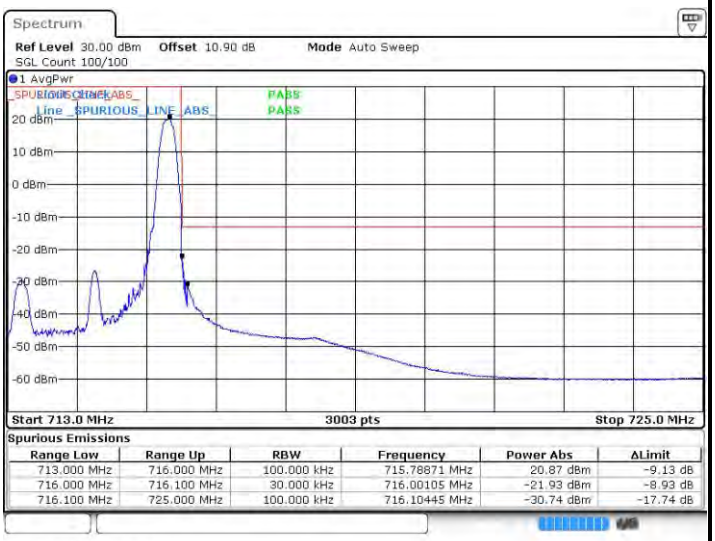


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.16 dBm	-16.16 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-21.63 dBm	-8.63 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.26823 MHz	21.00 dBm	-9.00 dB

Date: 21.MAY.2016 22:57:07

Highest Band Edge / 1 RB

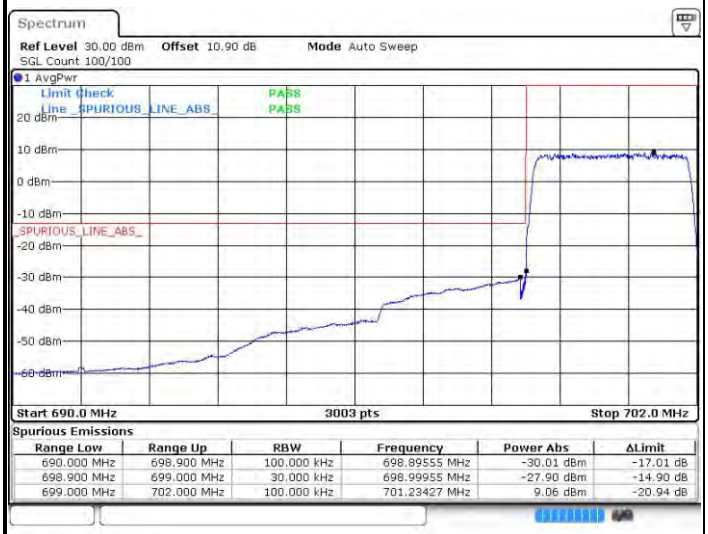


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.78871 MHz	20.87 dBm	-9.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-21.93 dBm	-8.93 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.74 dBm	-17.74 dB

Date: 21.MAY.2016 23:10:19

Lowest Band Edge / Full RB

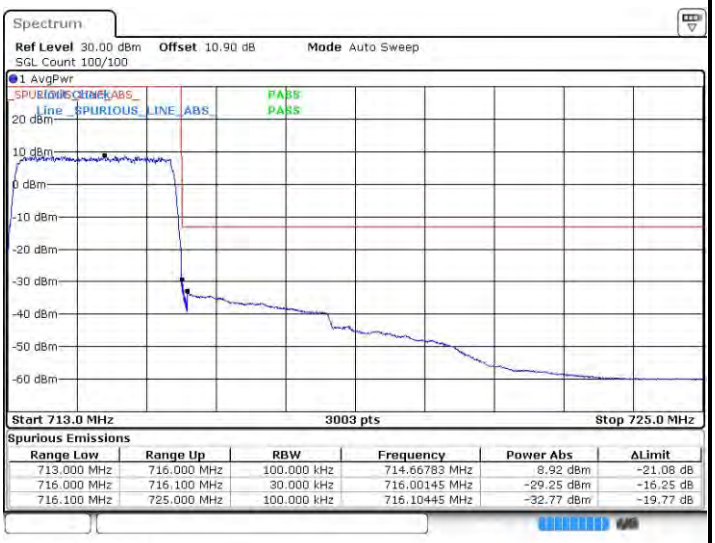


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.01 dBm	-17.01 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99955 MHz	-27.90 dBm	-14.90 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.23427 MHz	9.06 dBm	-20.94 dB

Date: 21.MAY.2016 22:51:00

Highest Band Edge / Full RB



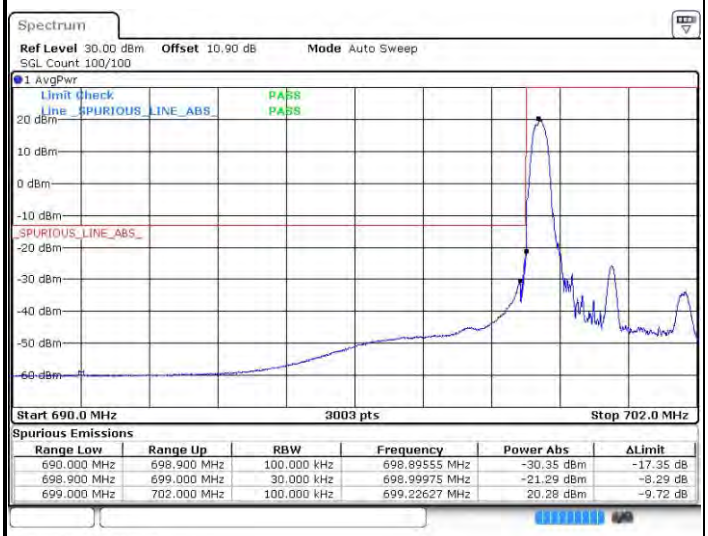
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.66783 MHz	8.92 dBm	-21.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00145 MHz	-29.25 dBm	-16.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.77 dBm	-19.77 dB

Date: 21.MAY.2016 23:04:12

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

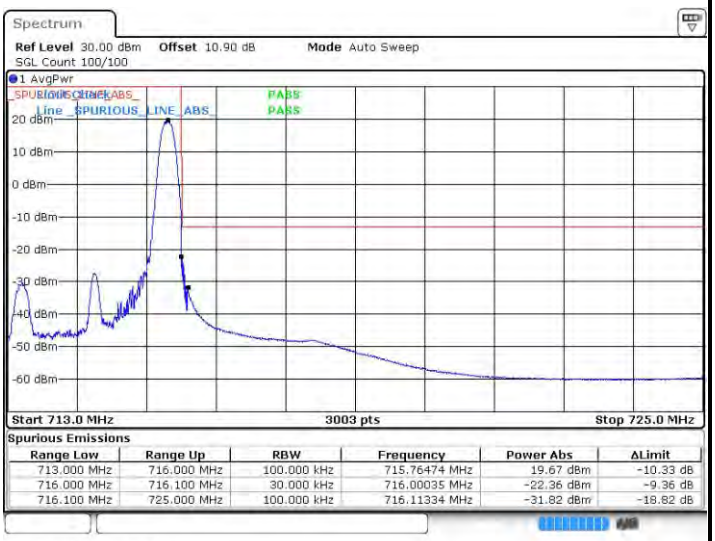


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.35 dBm	-17.35 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-21.29 dBm	-8.29 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22627 MHz	20.28 dBm	-9.72 dB

Date: 21.MAY.2016 22:55:05

Highest Band Edge / 1 RB

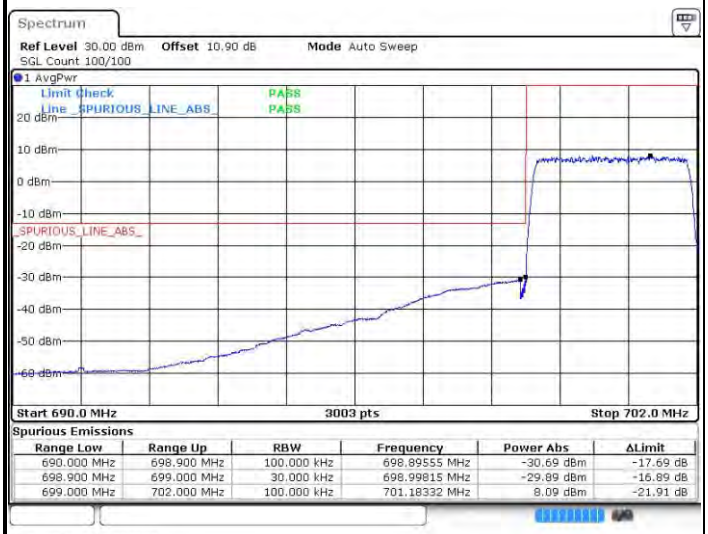


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76474 MHz	19.67 dBm	-10.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-22.36 dBm	-9.36 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.82 dBm	-18.82 dB

Date: 21.MAY.2016 23:08:17

Lowest Band Edge / Full RB

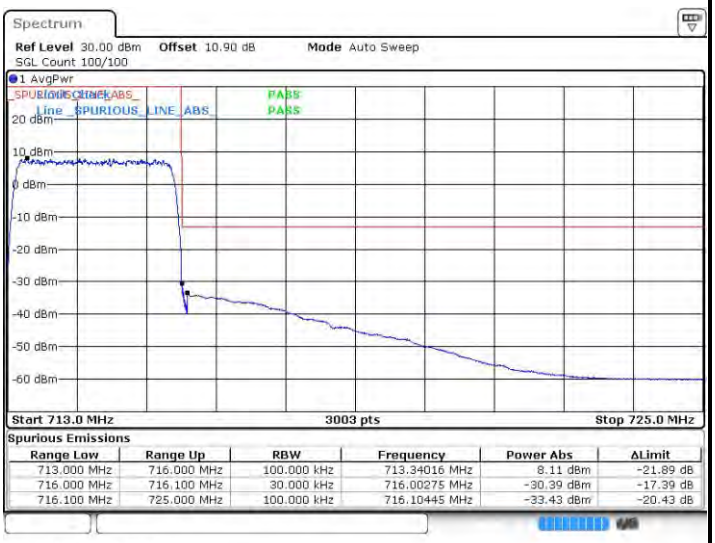


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.69 dBm	-17.69 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99815 MHz	-29.89 dBm	-16.89 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.18332 MHz	8.09 dBm	-21.91 dB

Date: 21.MAY.2016 22:53:03

Highest Band Edge / Full RB



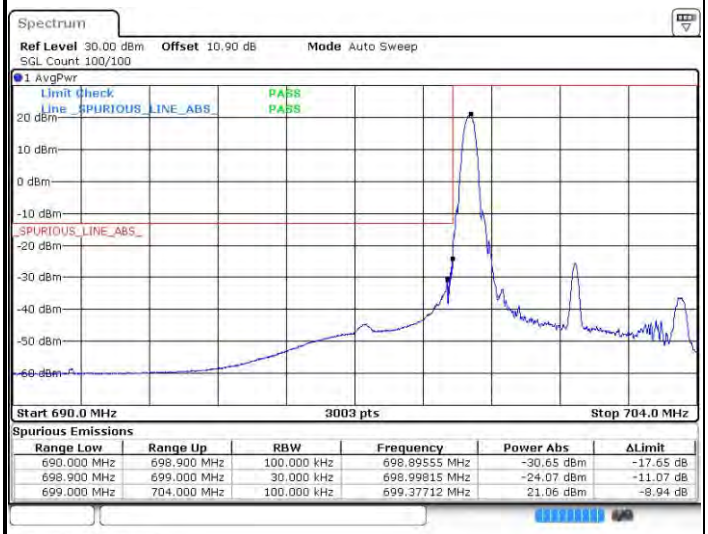
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.34016 MHz	8.11 dBm	-21.89 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00275 MHz	-30.39 dBm	-17.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.43 dBm	-20.43 dB

Date: 21.MAY.2016 23:06:15

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

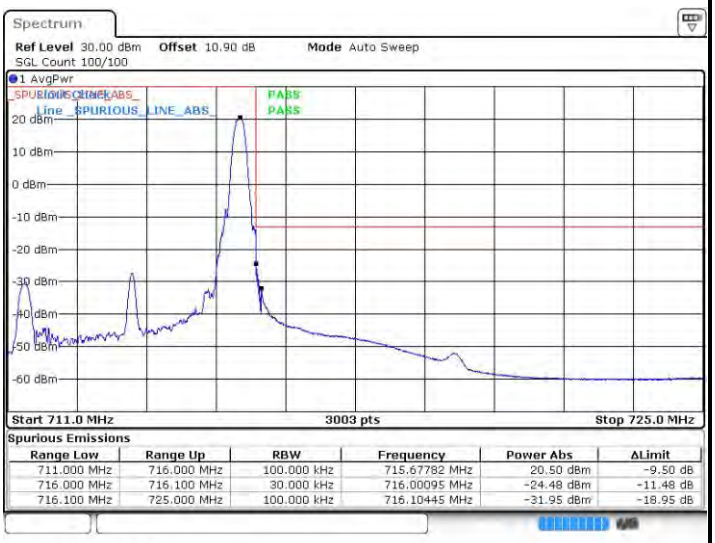


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.65 dBm	-17.65 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99815 MHz	-24.07 dBm	-11.07 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37712 MHz	21.06 dBm	-8.94 dB

Date: 21.MAY.2016 23:21:00

Highest Band Edge / 1 RB

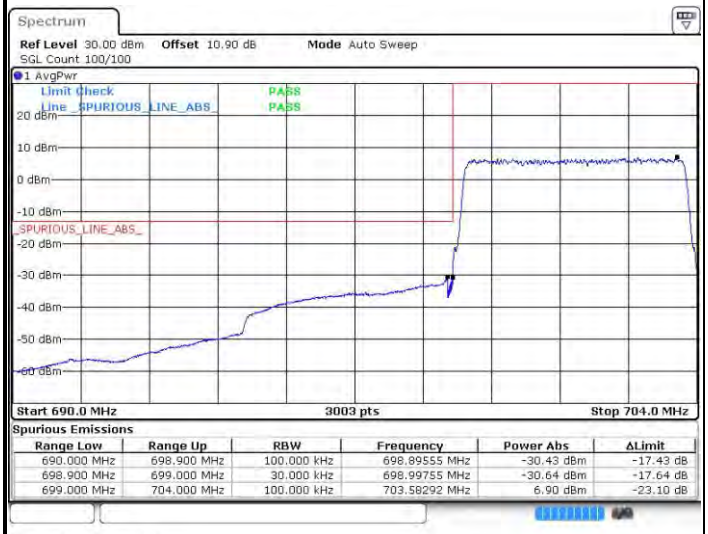


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	20.50 dBm	-9.50 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-24.48 dBm	-11.48 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.95 dBm	-18.95 dB

Date: 21.MAY.2016 23:32:10

Lowest Band Edge / Full RB

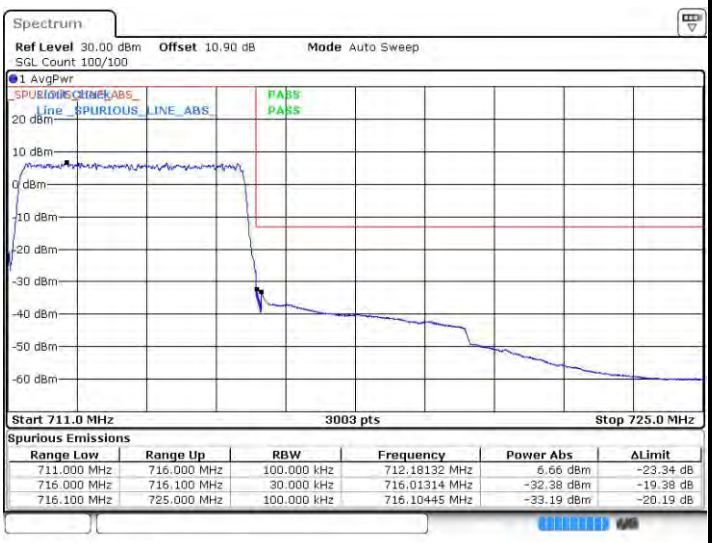


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.43 dBm	-17.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-30.64 dBm	-17.64 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.58292 MHz	6.90 dBm	-23.10 dB

Date: 21.MAY.2016 23:14:53

Highest Band Edge / Full RB



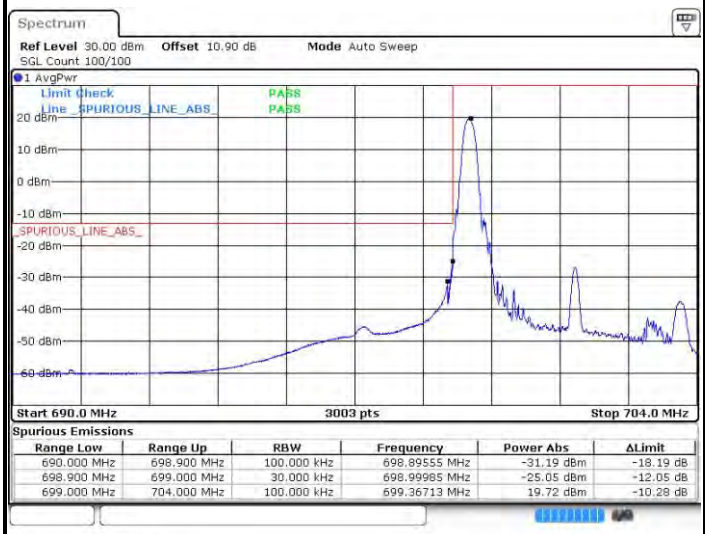
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.18132 MHz	6.66 dBm	-23.34 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01314 MHz	-32.38 dBm	-19.38 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.19 dBm	-20.19 dB

Date: 21.MAY.2016 23:28:05

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

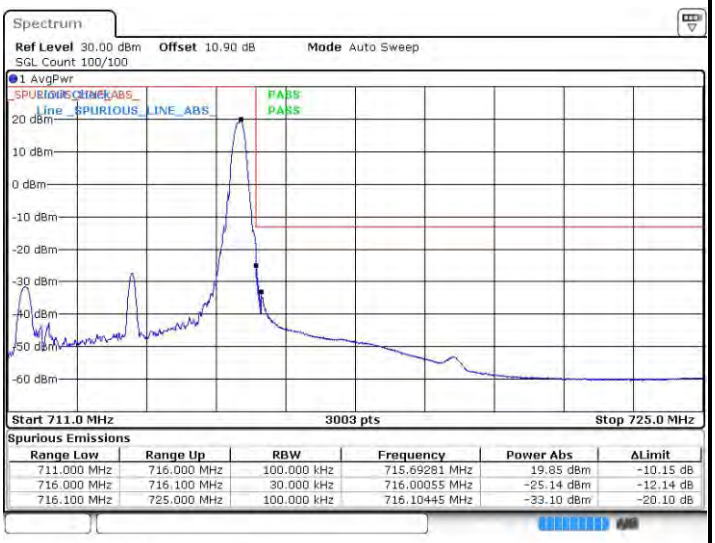


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.19 dBm	-18.19 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-25.05 dBm	-12.05 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36713 MHz	19.72 dBm	-10.28 dB

Date: 21.MAY.2016 23:18:58

Highest Band Edge / 1 RB

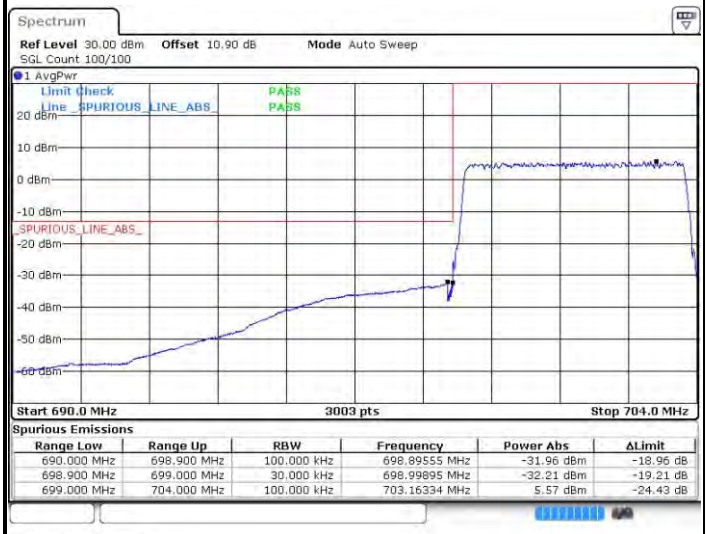


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	19.85 dBm	-10.15 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-25.14 dBm	-12.14 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.10 dBm	-20.10 dB

Date: 21.MAY.2016 23:34:12

Lowest Band Edge / Full RB

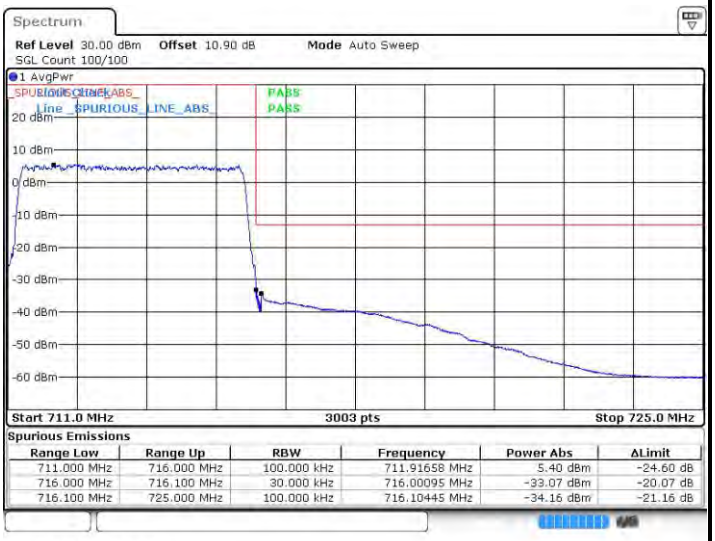


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.96 dBm	-18.96 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99895 MHz	-32.21 dBm	-19.21 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.16334 MHz	5.57 dBm	-24.43 dB

Date: 21.MAY.2016 23:16:55

Highest Band Edge / Full RB



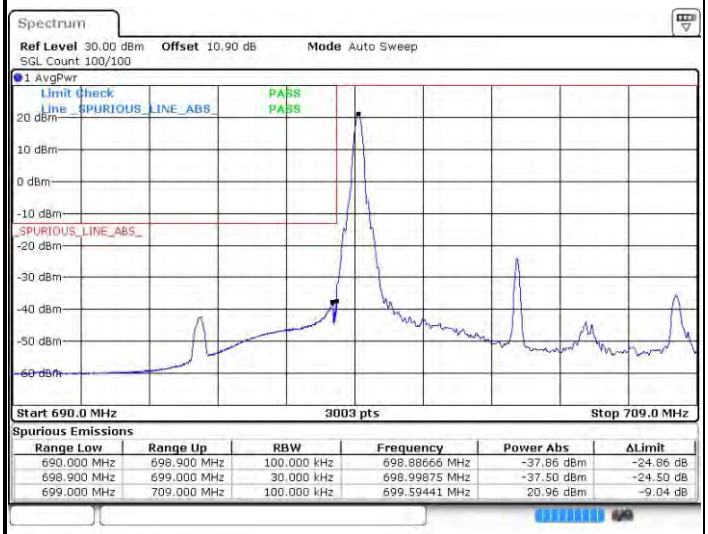
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.91658 MHz	5.40 dBm	-24.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-33.07 dBm	-20.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.16 dBm	-21.16 dB

Date: 21.MAY.2016 23:30:07

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

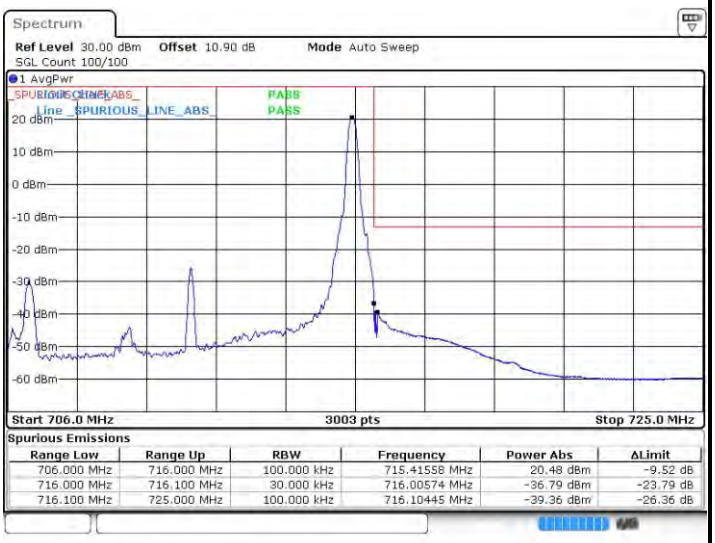


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.86 dBm	-24.86 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-37.50 dBm	-24.50 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	20.96 dBm	-9.04 dB

Date: 21.MAY.2016 23:44:53

Highest Band Edge / 1 RB

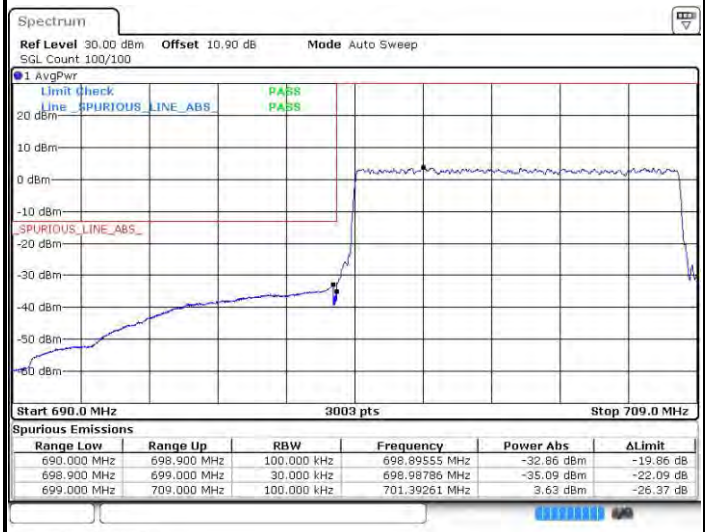


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	20.48 dBm	-9.52 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00574 MHz	-36.79 dBm	-23.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.36 dBm	-26.36 dB

Date: 21.MAY.2016 23:58:05

Lowest Band Edge / Full RB

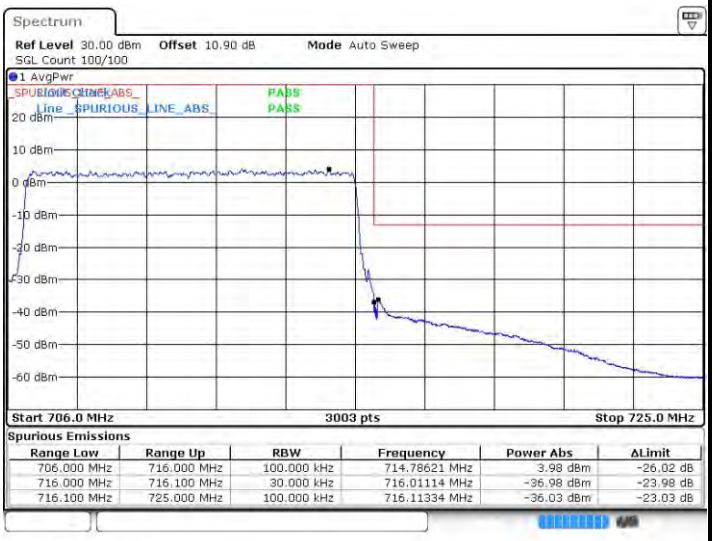


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.86 dBm	-19.86 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98786 MHz	-35.09 dBm	-22.09 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.39261 MHz	3.63 dBm	-26.37 dB

Date: 21.MAY.2016 23:38:46

Highest Band Edge / Full RB



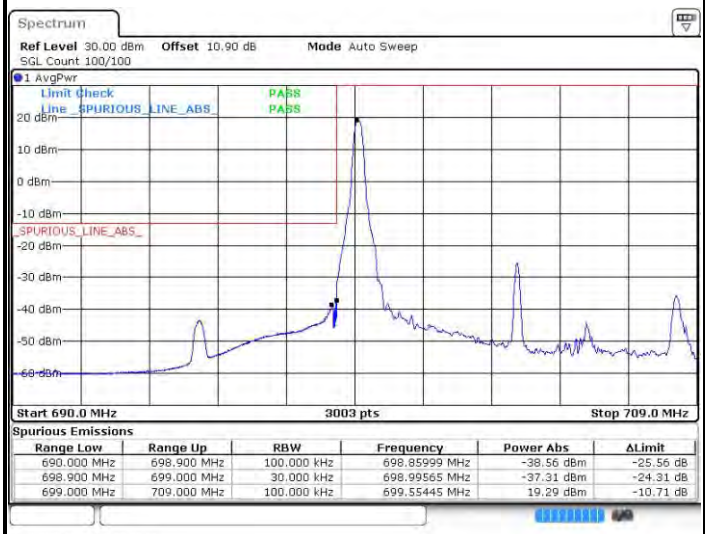
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	714.78621 MHz	3.98 dBm	-26.02 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01114 MHz	-36.98 dBm	-23.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.03 dBm	-23.03 dB

Date: 21.MAY.2016 23:51:58

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

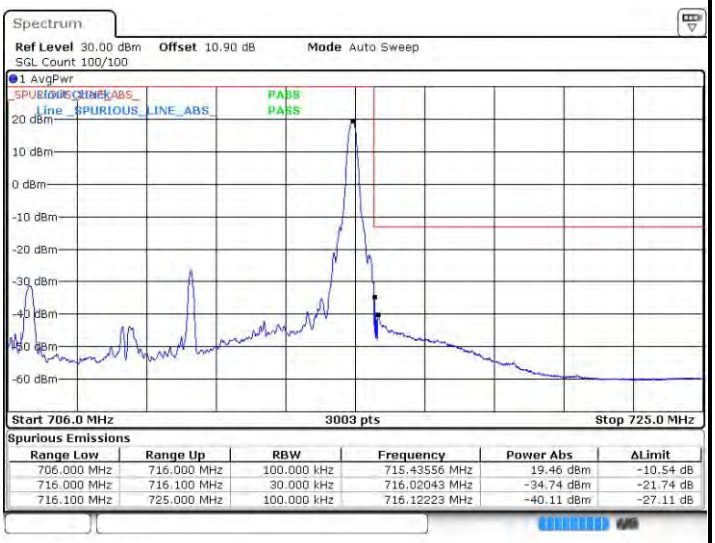


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-38.56 dBm	-25.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99565 MHz	-37.31 dBm	-24.31 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.55445 MHz	19.29 dBm	-10.71 dB

Date: 21.MAY.2016 23:42:51

Highest Band Edge / 1 RB

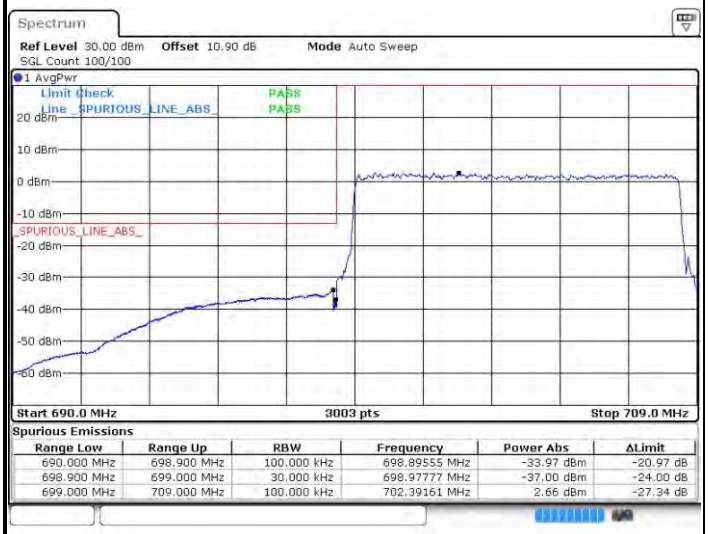


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	19.46 dBm	-10.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02043 MHz	-34.74 dBm	-21.74 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-40.11 dBm	-27.11 dB

Date: 21.MAY.2016 23:56:03

Lowest Band Edge / Full RB

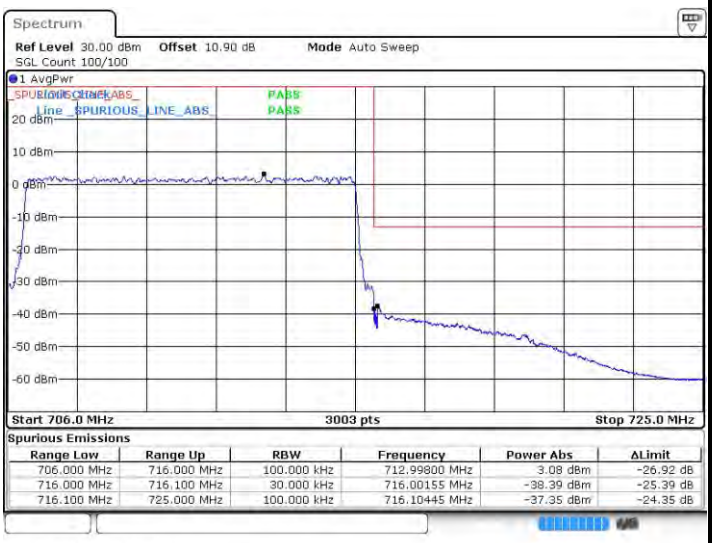


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.97 dBm	-20.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97777 MHz	-37.00 dBm	-24.00 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.39161 MHz	2.66 dBm	-27.34 dB

Date: 21.MAY.2016 23:40:48

Highest Band Edge / Full RB



Spurious Emissions

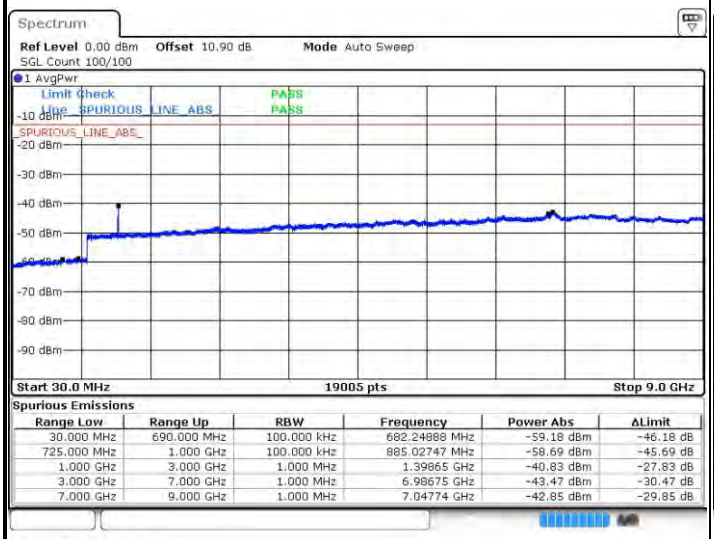
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.99800 MHz	3.08 dBm	-26.92 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-38.39 dBm	-25.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.35 dBm	-24.35 dB

Date: 21.MAY.2016 23:54:00

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

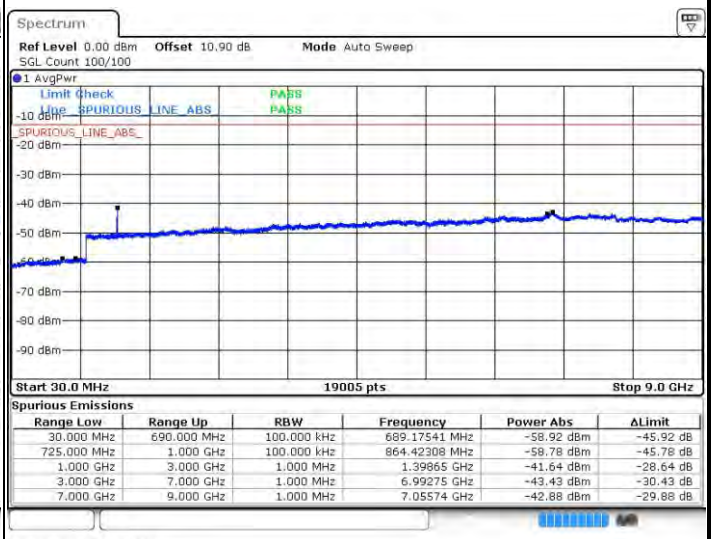


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.24888 MHz	-59.18 dBm	-46.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	885.02747 MHz	-58.69 dBm	-45.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-40.83 dBm	-27.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-43.47 dBm	-30.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-42.85 dBm	-29.85 dB

Date: 21.MAY.2016 22:34:10

Lowest Channel / 16QAM

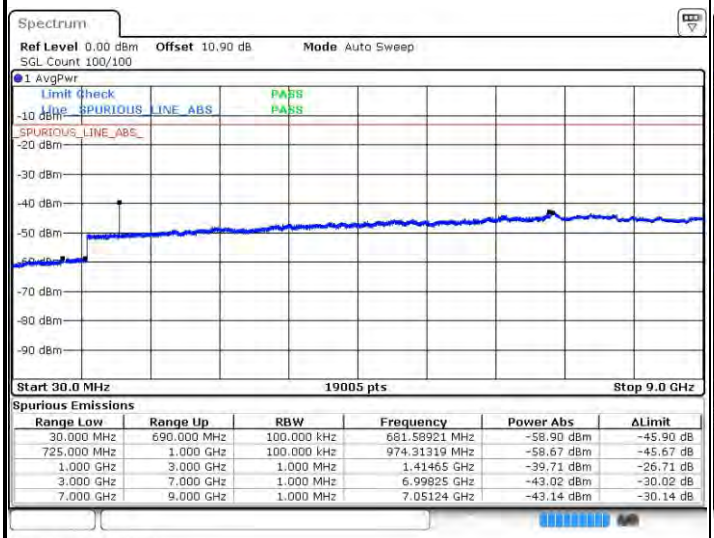


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-58.92 dBm	-45.92 dB
725.000 MHz	1.000 GHz	100.000 kHz	864.42308 MHz	-58.78 dBm	-45.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-41.64 dBm	-28.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.43 dBm	-30.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-42.88 dBm	-29.88 dB

Date: 21.MAY.2016 22:35:04

Middle Channel / QPSK

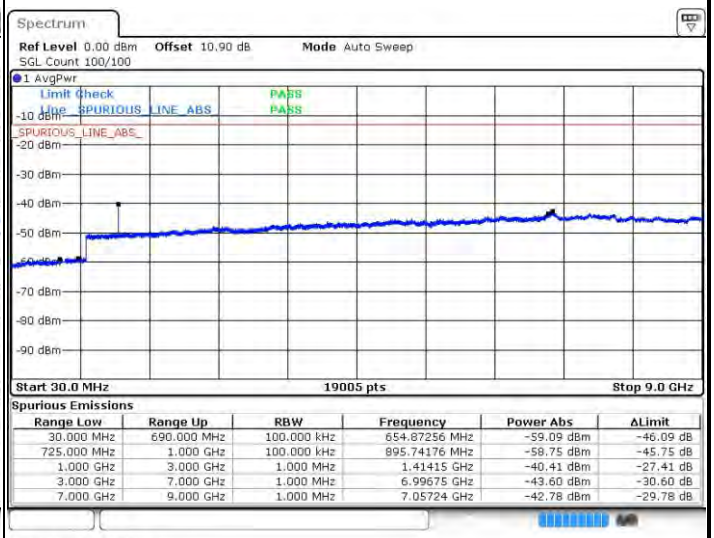


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.58921 MHz	-58.90 dBm	-45.90 dB
725.000 MHz	1.000 GHz	100.000 kHz	974.31319 MHz	-58.67 dBm	-45.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-39.71 dBm	-26.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-43.02 dBm	-30.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05124 GHz	-43.14 dBm	-30.14 dB

Date: 21.MAY.2016 22:37:36

Middle Channel / 16QAM



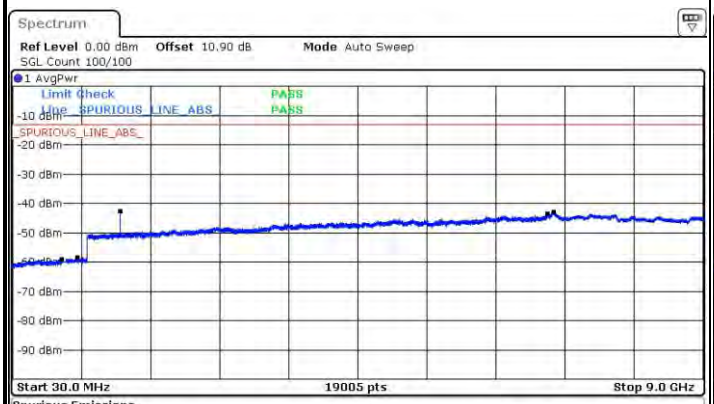
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.87256 MHz	-59.09 dBm	-46.09 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.74176 MHz	-58.75 dBm	-45.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-40.41 dBm	-27.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-43.60 dBm	-30.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05724 GHz	-42.78 dBm	-29.78 dB

Date: 21.MAY.2016 22:36:41

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

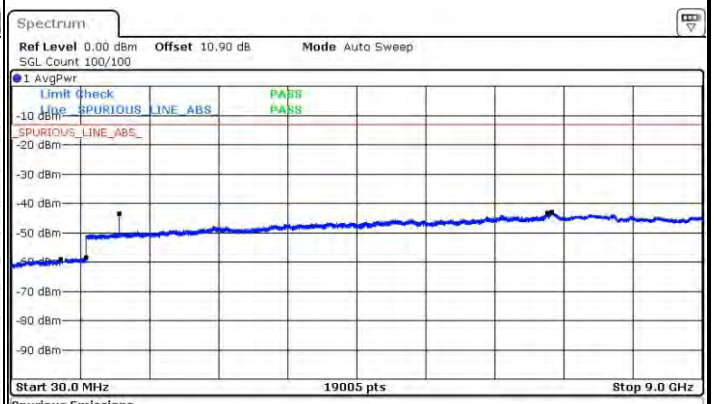


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.72564 MHz	-59.18 dBm	-46.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	867.71978 MHz	-58.57 dBm	-45.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-42.59 dBm	-29.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97425 GHz	-43.49 dBm	-30.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05724 GHz	-43.03 dBm	-30.03 dB

Date: 21.MAY.2016 22:47:22

Highest Channel / 16QAM



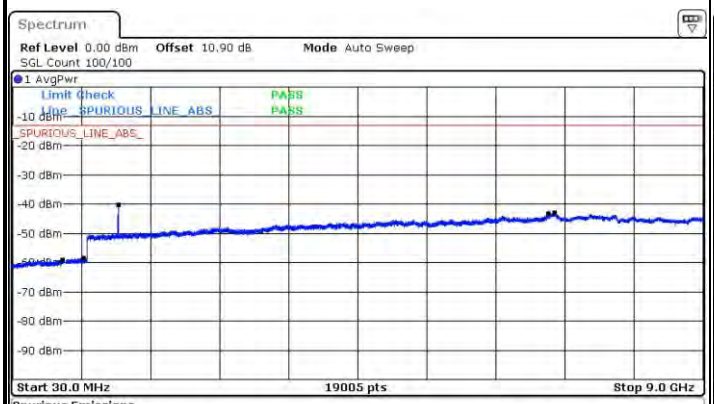
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.03448 MHz	-59.01 dBm	-46.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.62088 MHz	-58.56 dBm	-45.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.44 dBm	-30.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-43.28 dBm	-30.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05124 GHz	-42.91 dBm	-29.91 dB

Date: 21.MAY.2016 22:48:16

LTE Band 12 / 3MHz

Lowest Channel / QPSK

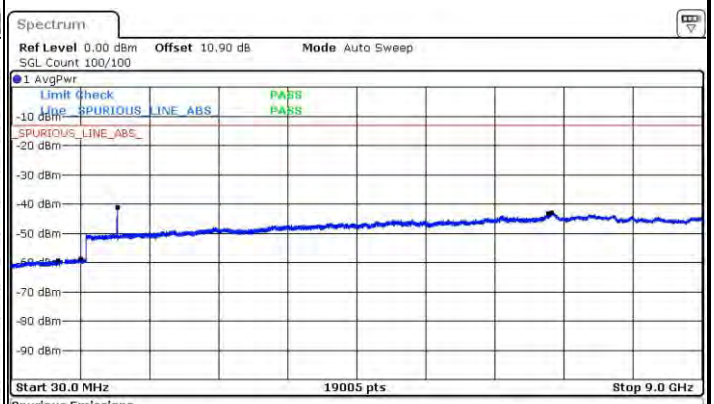


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-59.19 dBm	-46.19 dB
725.000 MHz	1.000 GHz	100.000 kHz	946.01648 MHz	-58.59 dBm	-45.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-40.43 dBm	-27.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-43.33 dBm	-30.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06723 GHz	-43.13 dBm	-30.13 dB

Date: 21.MAY.2016 22:58:02

Lowest Channel / 16QAM



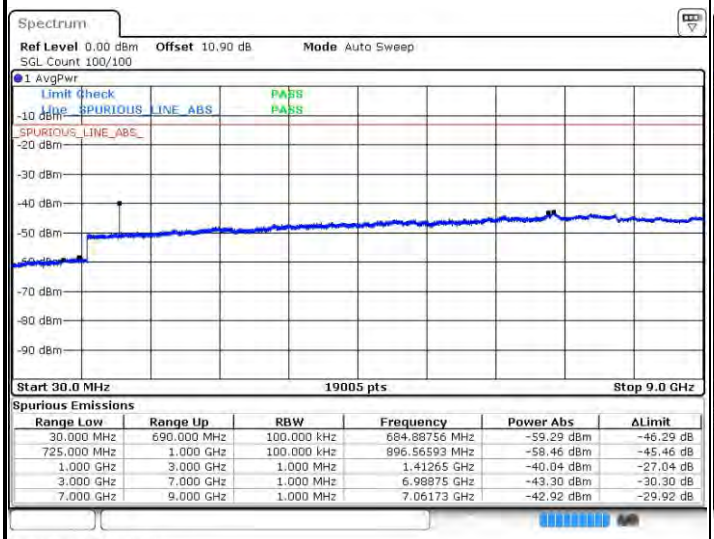
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	633.76312 MHz	-59.28 dBm	-46.28 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.78571 MHz	-58.69 dBm	-45.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-41.32 dBm	-28.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.41 dBm	-30.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-42.97 dBm	-29.97 dB

Date: 21.MAY.2016 22:58:57

LTE Band 12 / 3MHz

Middle Channel / QPSK

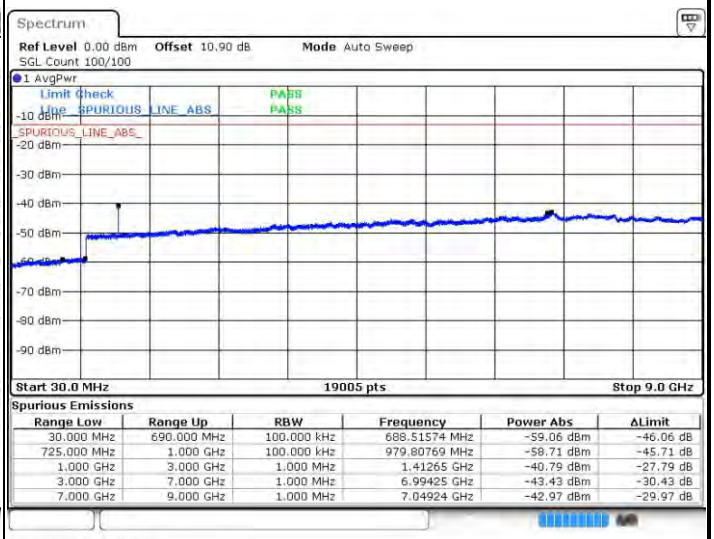


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.88756 MHz	-59.29 dBm	-46.29 dB
725.000 MHz	1.000 GHz	100.000 kHz	896.56593 MHz	-58.46 dBm	-45.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-40.04 dBm	-27.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-43.30 dBm	-30.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06173 GHz	-42.92 dBm	-29.92 dB

Date: 21.MAY.2016 23:01:28

Middle Channel / 16QAM

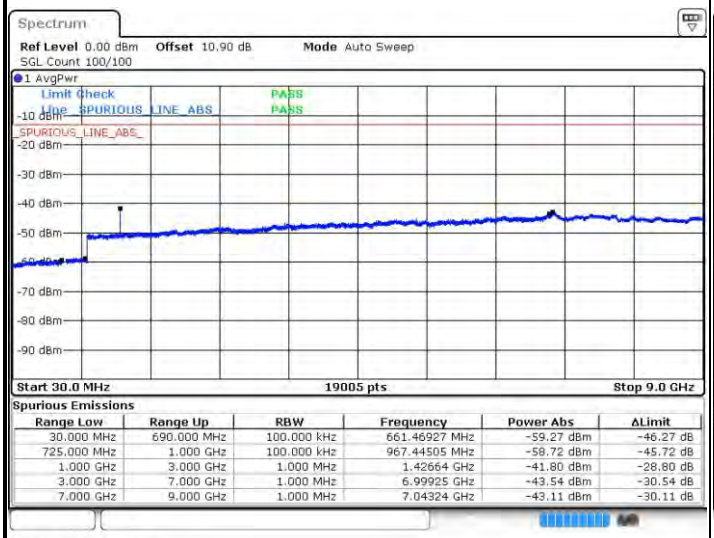


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.51574 MHz	-59.06 dBm	-46.06 dB
725.000 MHz	1.000 GHz	100.000 kHz	979.80769 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-40.79 dBm	-27.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-43.43 dBm	-30.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04924 GHz	-42.97 dBm	-29.97 dB

Date: 21.MAY.2016 23:00:34

Highest Channel / QPSK

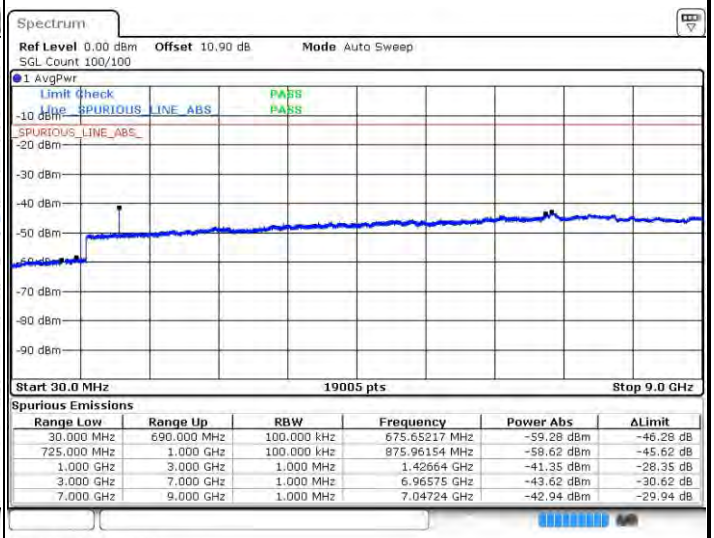


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.46927 MHz	-59.27 dBm	-46.27 dB
725.000 MHz	1.000 GHz	100.000 kHz	967.44505 MHz	-58.72 dBm	-45.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-41.80 dBm	-28.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-43.54 dBm	-30.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04324 GHz	-43.11 dBm	-30.11 dB

Date: 21.MAY.2016 23:11:14

Highest Channel / 16QAM



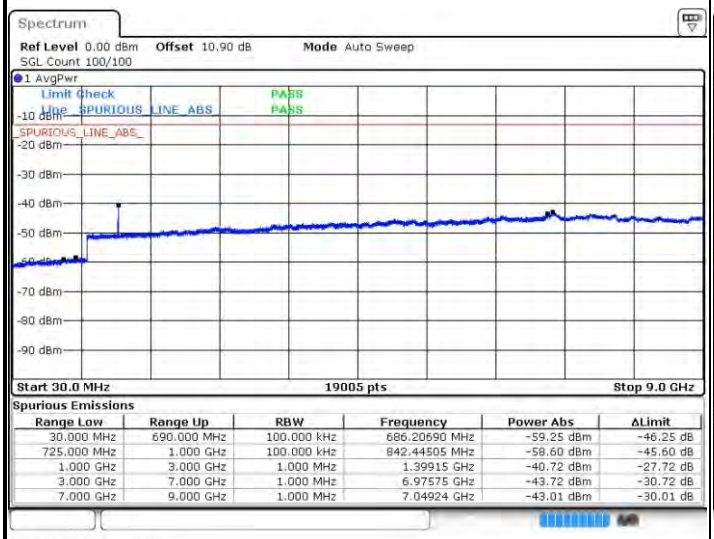
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	675.65217 MHz	-59.28 dBm	-46.28 dB
725.000 MHz	1.000 GHz	100.000 kHz	875.96154 MHz	-58.62 dBm	-45.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-41.35 dBm	-28.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96575 GHz	-43.62 dBm	-30.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04724 GHz	-42.94 dBm	-29.94 dB

Date: 21.MAY.2016 23:12:09

LTE Band 12 / 5MHz

Lowest Channel / QPSK

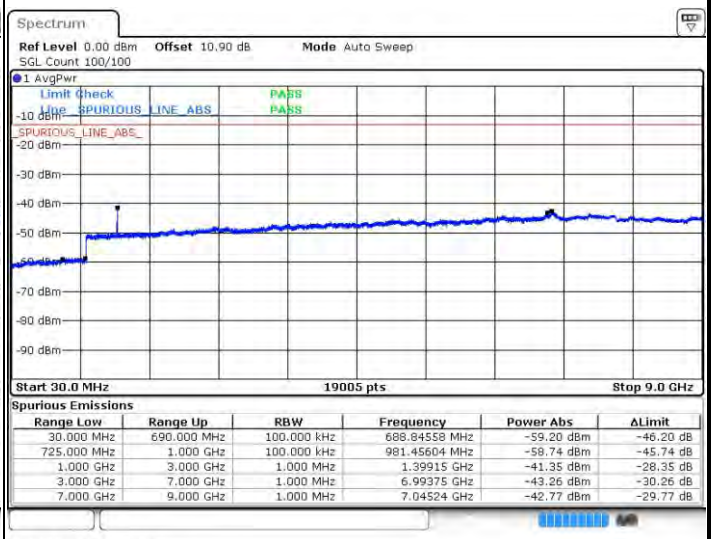


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-59.25 dBm	-46.25 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.44505 MHz	-58.60 dBm	-45.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-40.72 dBm	-27.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04924 GHz	-43.01 dBm	-30.01 dB

Date: 21.MAY.2016 23:21:55

Lowest Channel / 16QAM

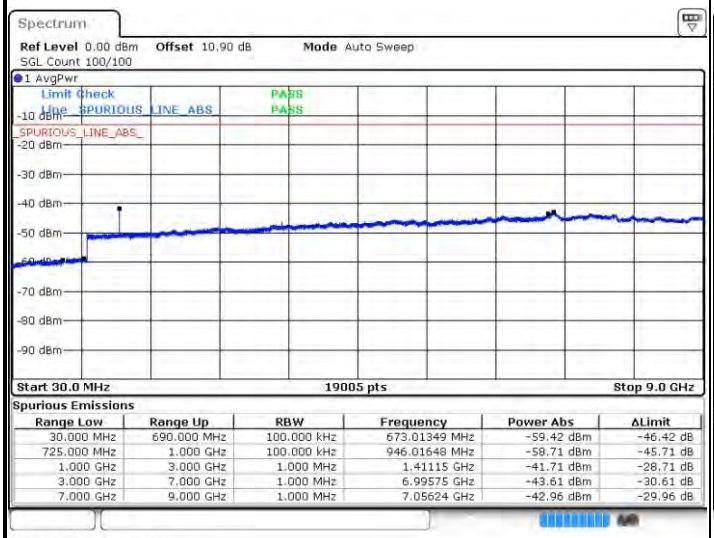


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.84558 MHz	-59.20 dBm	-46.20 dB
725.000 MHz	1.000 GHz	100.000 kHz	981.45604 MHz	-58.74 dBm	-45.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-41.35 dBm	-28.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-43.26 dBm	-30.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04524 GHz	-42.77 dBm	-29.77 dB

Date: 21.MAY.2016 23:22:50

Middle Channel / QPSK

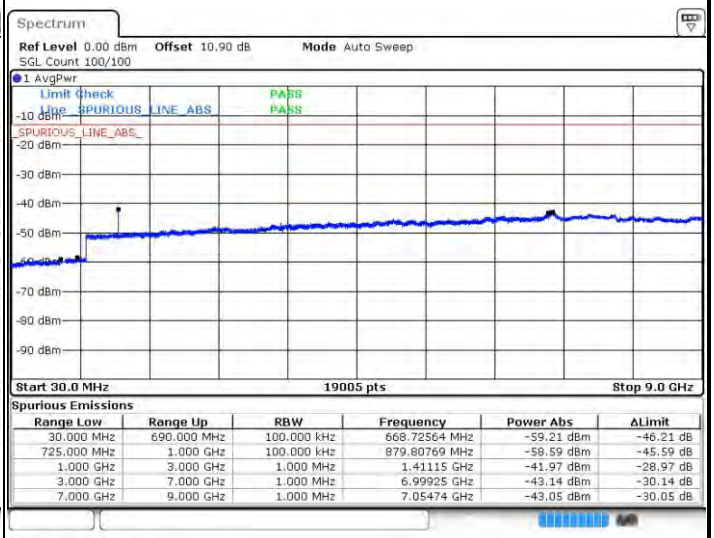


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.01349 MHz	-59.42 dBm	-46.42 dB
725.000 MHz	1.000 GHz	100.000 kHz	946.01648 MHz	-58.71 dBm	-45.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-41.71 dBm	-28.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-43.61 dBm	-30.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-42.96 dBm	-29.96 dB

Date: 21.MAY.2016 23:25:21

Middle Channel / 16QAM



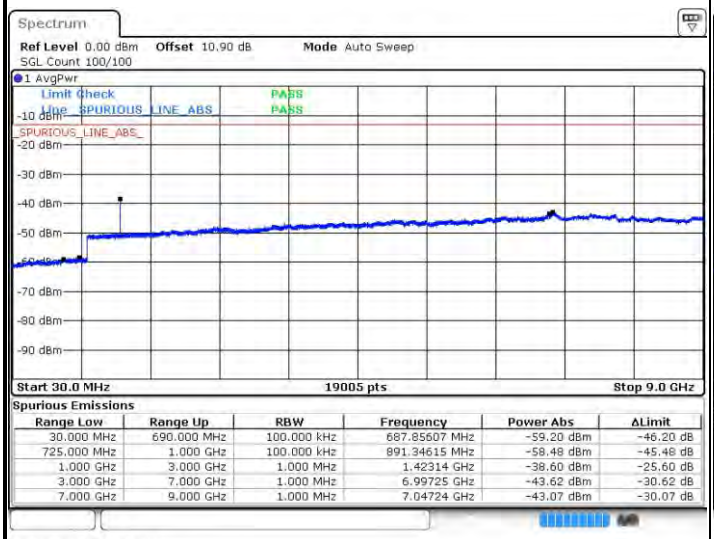
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.72564 MHz	-59.21 dBm	-46.21 dB
725.000 MHz	1.000 GHz	100.000 kHz	879.80769 MHz	-58.59 dBm	-45.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-41.97 dBm	-28.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-43.14 dBm	-30.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05474 GHz	-43.05 dBm	-30.05 dB

Date: 21.MAY.2016 23:24:26

LTE Band 12 / 5MHz

Highest Channel / QPSK

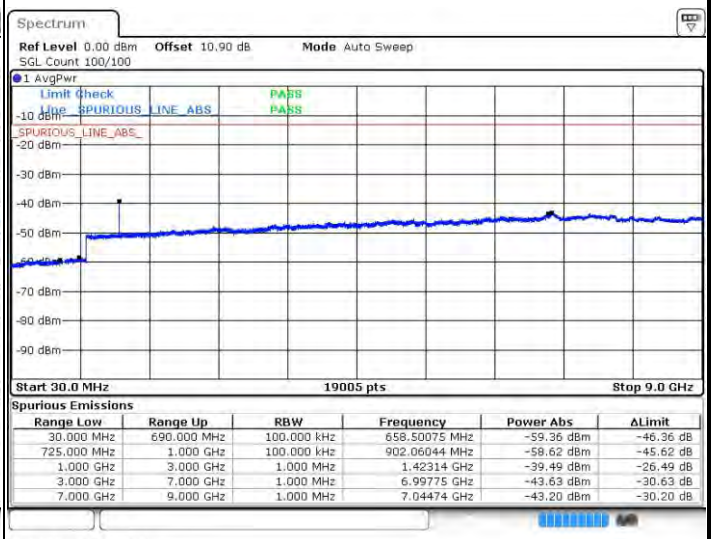


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-59.20 dBm	-46.20 dB
725.000 MHz	1.000 GHz	100.000 kHz	891.34615 MHz	-58.48 dBm	-45.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-38.60 dBm	-25.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.62 dBm	-30.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04724 GHz	-43.07 dBm	-30.07 dB

Date: 21.MAY.2016 23:36:02

Highest Channel / 16QAM



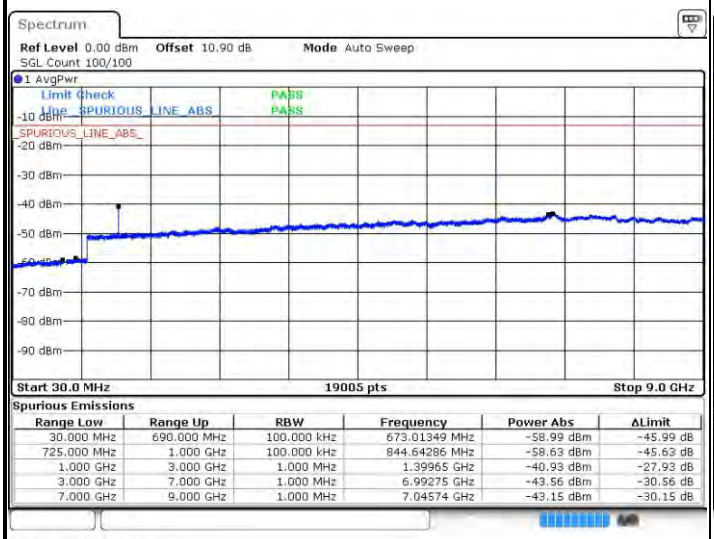
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	658.50075 MHz	-59.36 dBm	-46.36 dB
725.000 MHz	1.000 GHz	100.000 kHz	902.06044 MHz	-58.62 dBm	-45.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-39.49 dBm	-26.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04474 GHz	-43.20 dBm	-30.20 dB

Date: 21.MAY.2016 23:35:07

LTE Band 12 / 10MHz

Lowest Channel / QPSK

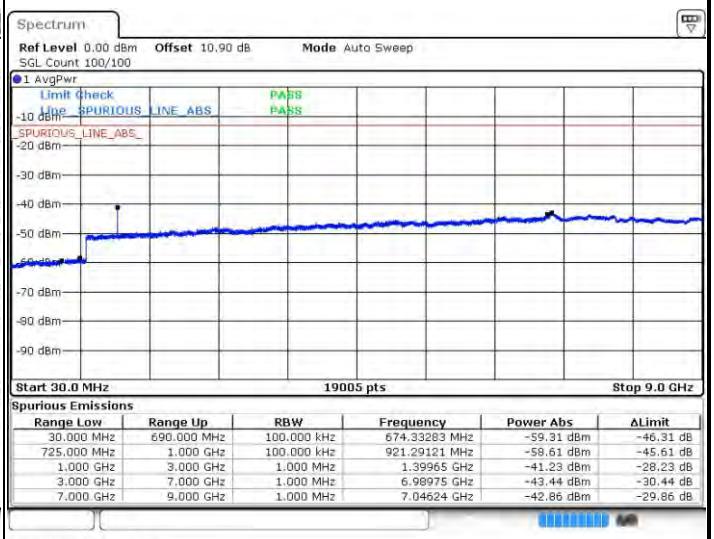


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.01349 MHz	-58.99 dBm	-45.99 dB
725.000 MHz	1.000 GHz	100.000 kHz	844.64286 MHz	-58.63 dBm	-45.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-40.93 dBm	-27.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.56 dBm	-30.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04574 GHz	-43.15 dBm	-30.15 dB

Date: 21.MAY.2016 23:45:48

Lowest Channel / 16QAM



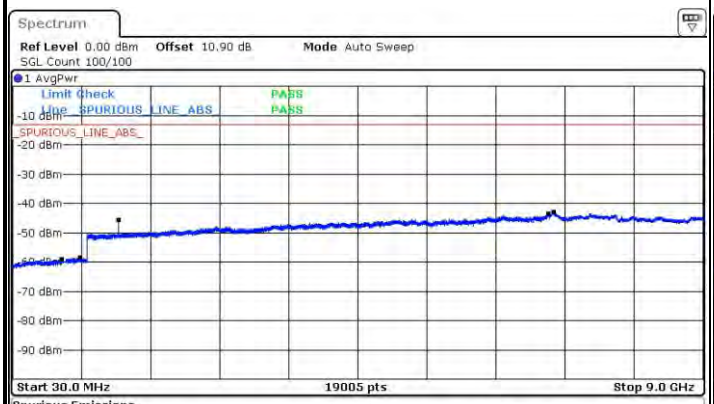
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.33283 MHz	-59.31 dBm	-46.31 dB
725.000 MHz	1.000 GHz	100.000 kHz	921.29121 MHz	-58.61 dBm	-45.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-41.23 dBm	-28.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-43.44 dBm	-30.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04624 GHz	-42.86 dBm	-29.86 dB

Date: 21.MAY.2016 23:46:42

LTE Band 12 / 10MHz

Middle Channel / QPSK

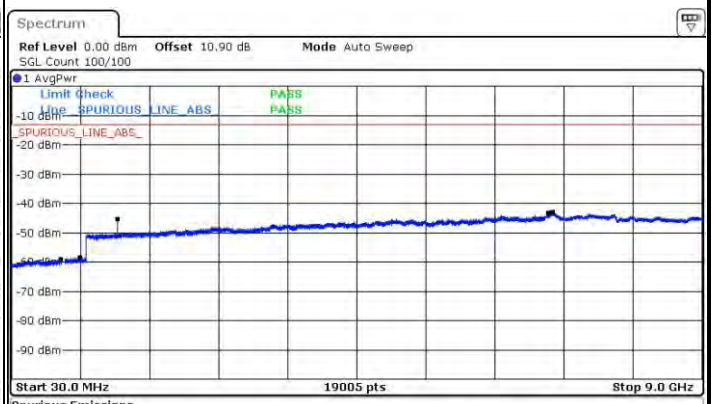


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.45877 MHz	-59.23 dBm	-46.23 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.31319 MHz	-58.53 dBm	-45.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-43.56 dBm	-30.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05874 GHz	-42.94 dBm	-29.94 dB

Date: 21.MAY.2016 23:49:14

Middle Channel / 16QAM

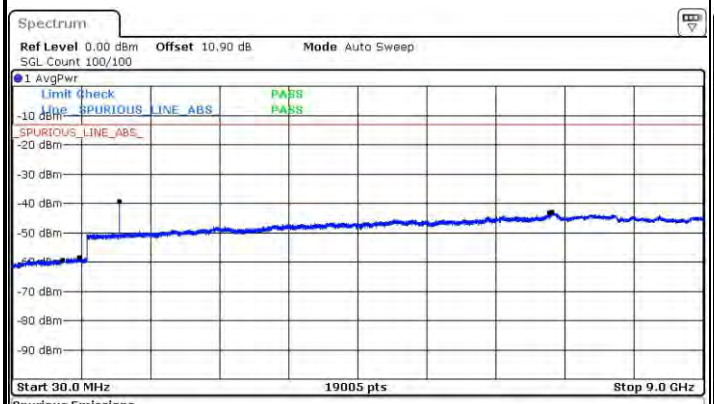


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.45877 MHz	-59.18 dBm	-46.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	912.77473 MHz	-58.53 dBm	-45.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-45.39 dBm	-32.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.24 dBm	-30.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06023 GHz	-42.97 dBm	-29.97 dB

Date: 21.MAY.2016 23:48:20

Highest Channel / QPSK

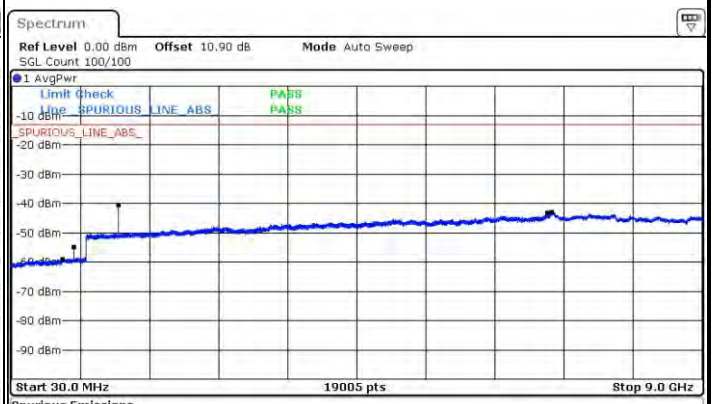


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	672.02399 MHz	-59.29 dBm	-46.29 dB
725.000 MHz	1.000 GHz	100.000 kHz	893.54396 MHz	-58.49 dBm	-45.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-39.46 dBm	-26.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.39 dBm	-30.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04074 GHz	-43.11 dBm	-30.11 dB

Date: 21.MAY.2016 23:59:00

Highest 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	-59.24 dBm	-46.24 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.12637 MHz	-55.01 dBm	-42.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-40.45 dBm	-27.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04274 GHz	-43.01 dBm	-30.01 dB

Date: 21.MAY.2016 23:59:54

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	0.0106	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0133	
-10	Normal Voltage	0.0131	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0129	
20	Maximum Voltage	0.0141	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0140	

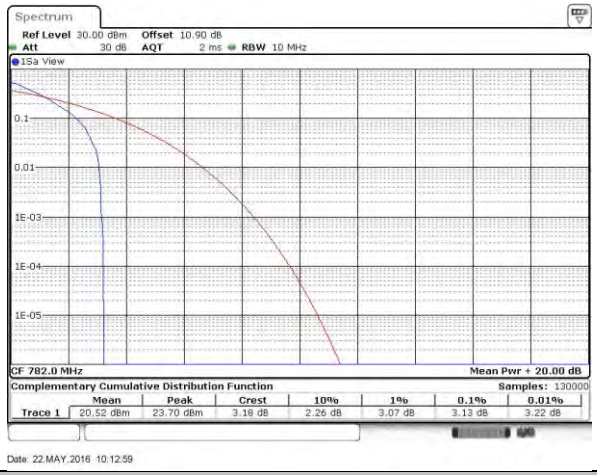
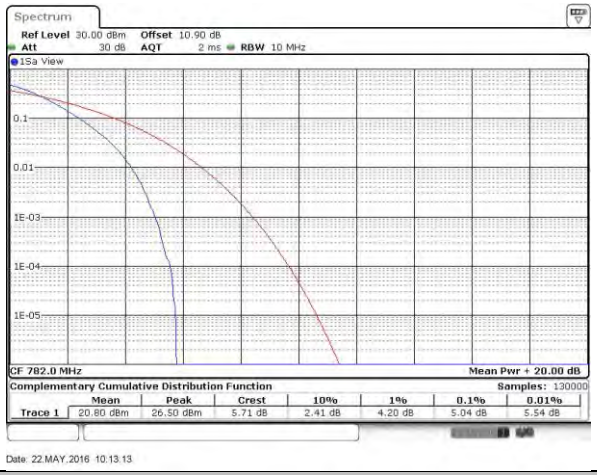
Note:

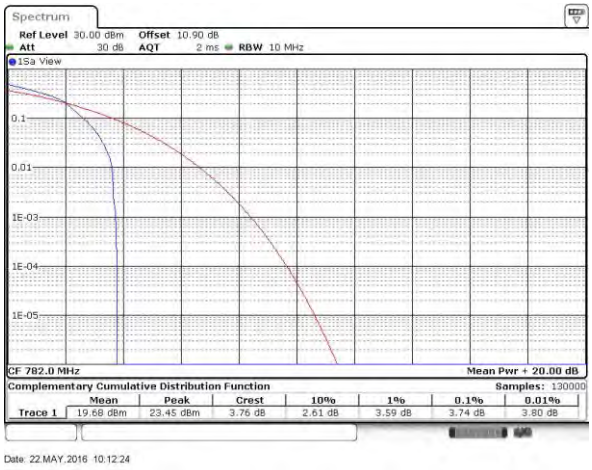
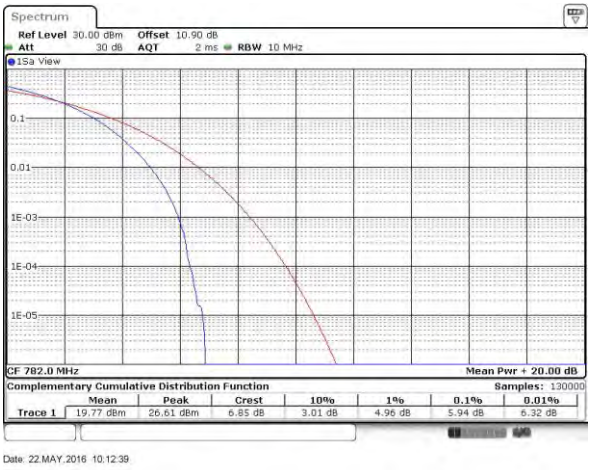
1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.13	5.04	3.74	5.94	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK	
Middle Channel/ 1RB	**Middle Channel / Full RB**
	

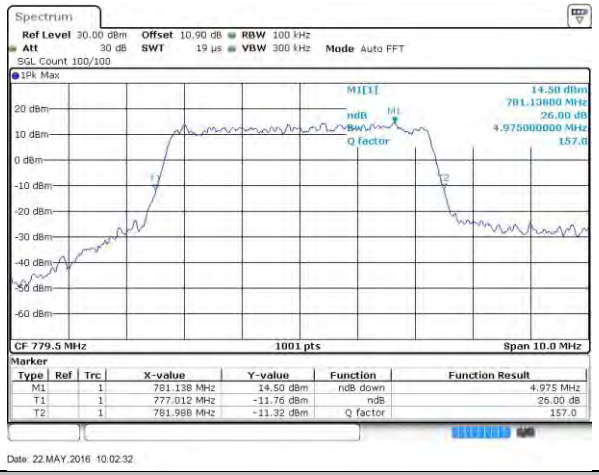
LTE Band 13 / 10MHz / 16QAM	
Middle Channel/ 1RB	**Middle Channel / Full RB**
	

26dB Bandwidth

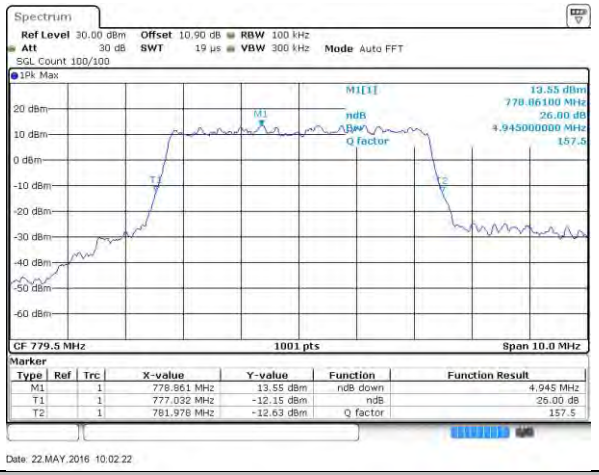
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.98	4.95	-	-	-	-	-	-
Middle CH	-	-	-	-	5	5.02	9.99	9.79	-	-	-	-
Highest CH	-	-	-	-	5	4.96	-	-	-	-	-	-

LTE Band 13

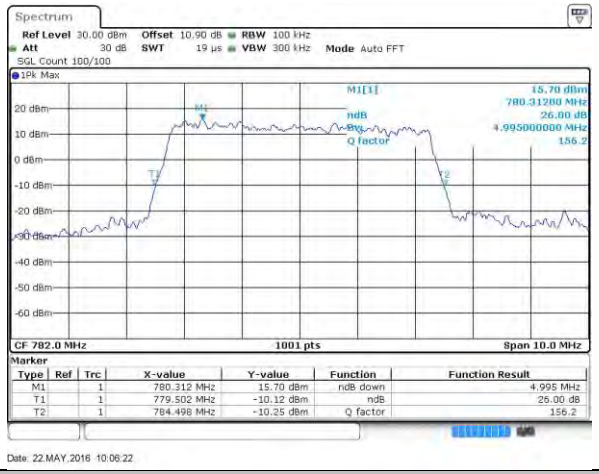
Lowest Channel / 5MHz / QPSK



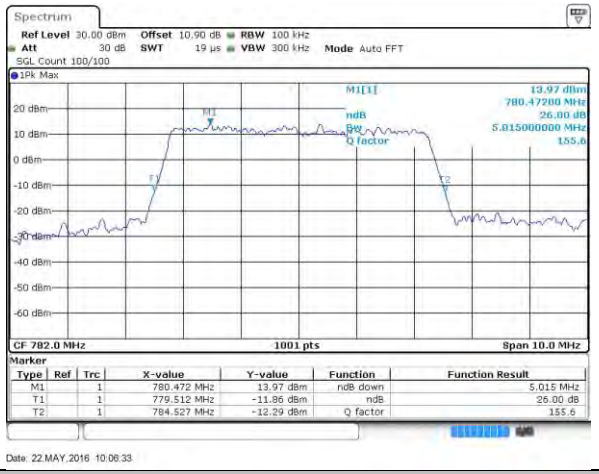
Lowest Channel / 5MHz / 16QAM



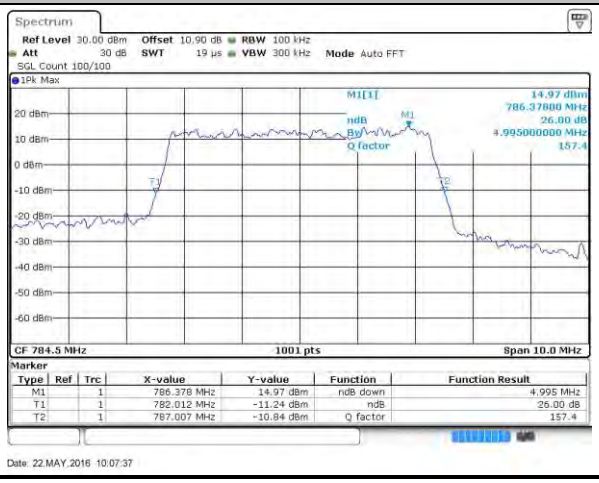
Middle Channel / 5MHz / QPSK



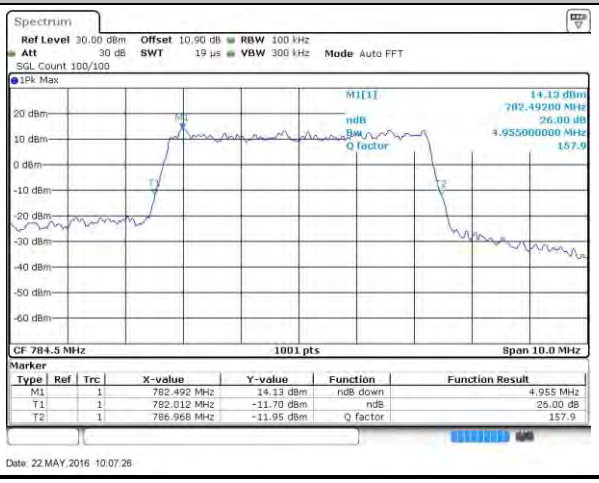
Middle Channel / 5MHz / 16QAM

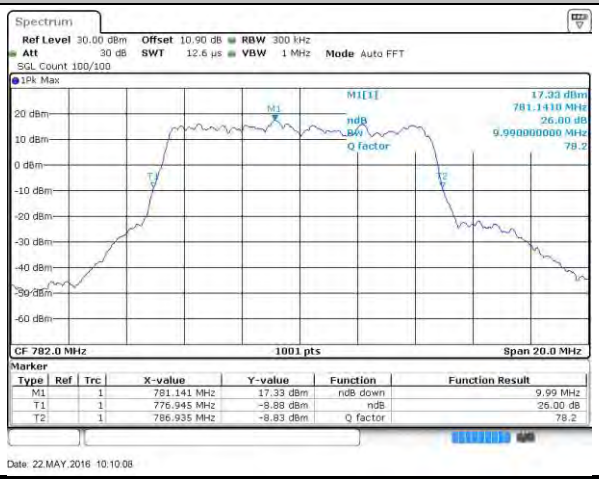
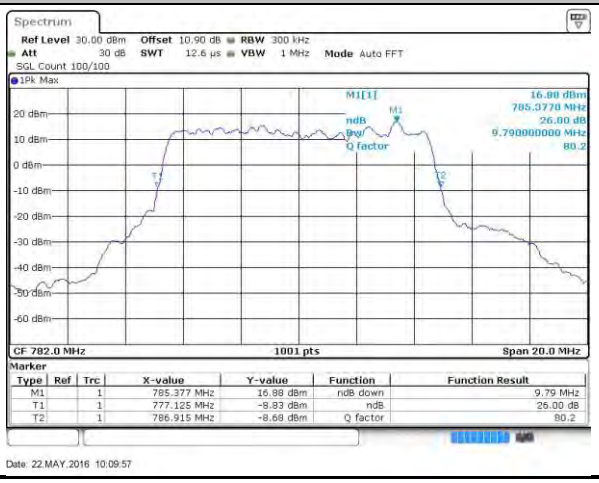


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM



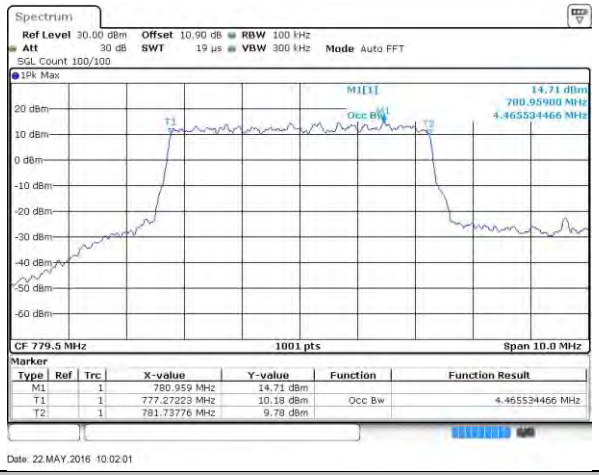
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

Occupied Bandwidth

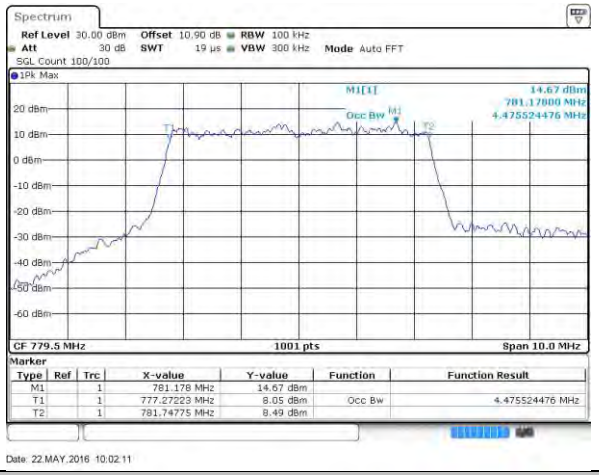
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.5	9.09	8.99	-	-	-	-
Highest CH	-	-	-	-	4.5	4.5	-	-	-	-	-	-

LTE Band 13

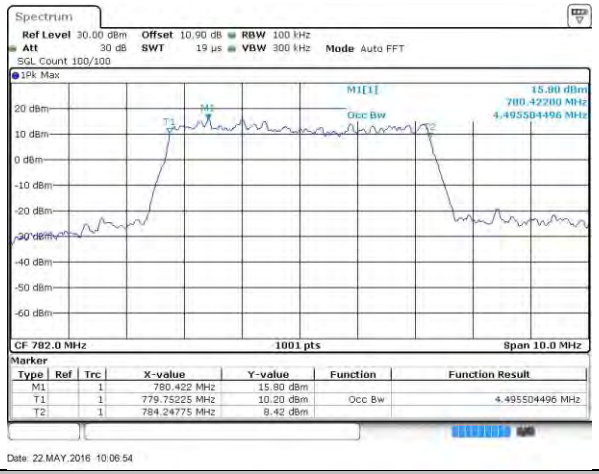
Lowest Channel / 5MHz / QPSK



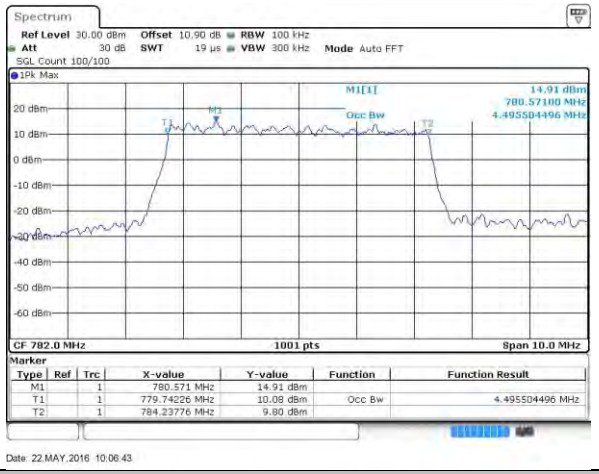
Lowest Channel / 5MHz / 16QAM



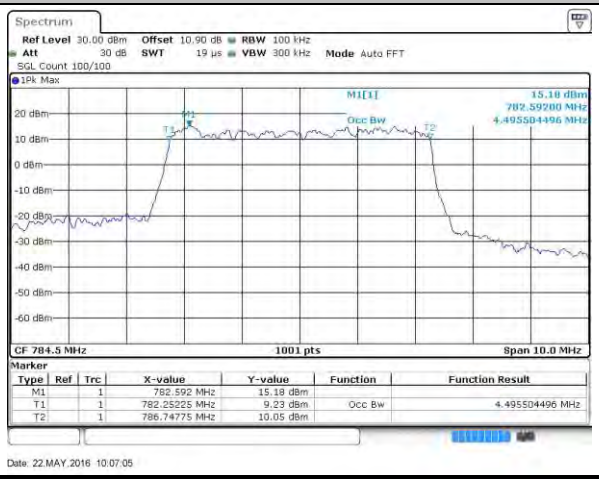
Middle Channel / 5MHz / QPSK



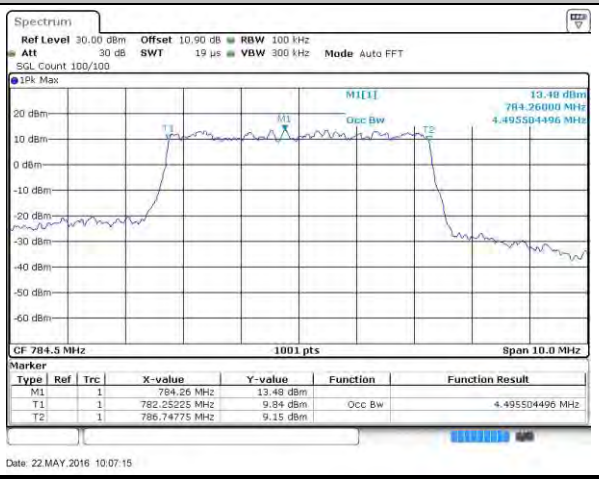
Middle Channel / 5MHz / 16QAM



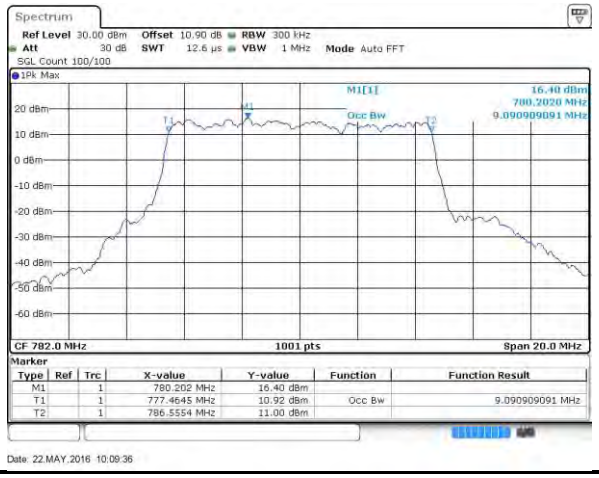
Highest Channel / 5MHz / QPSK

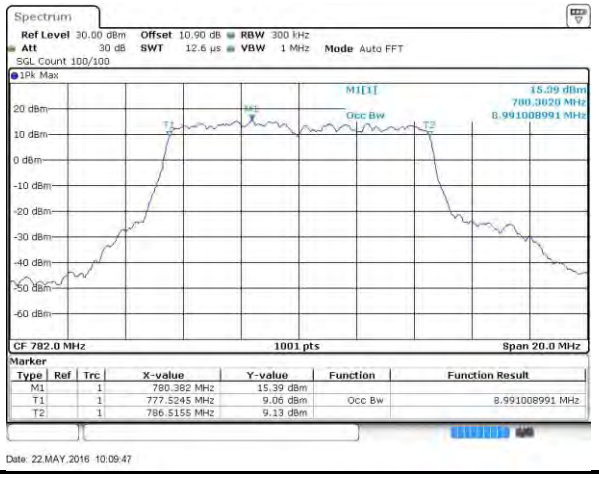


Highest Channel / 5MHz / 16QAM



LTE Band 13	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

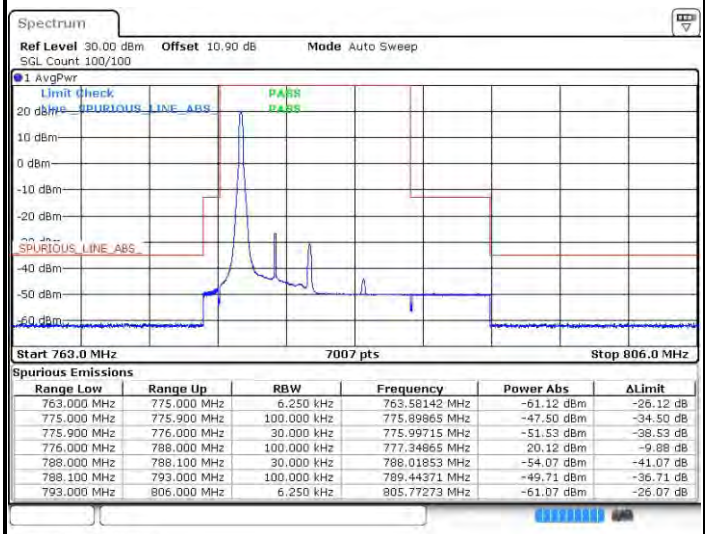




Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

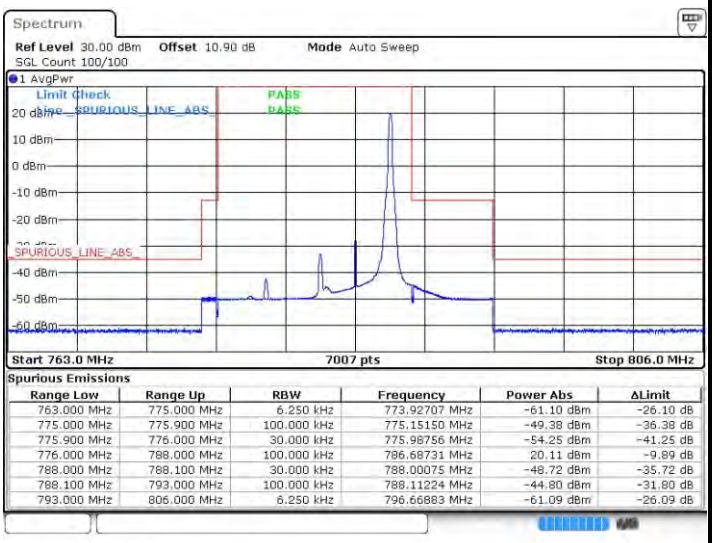


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.58142 MHz	-61.12 dBm	-26.12 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-47.50 dBm	-34.50 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99715 MHz	-51.53 dBm	-38.53 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.34865 MHz	20.12 dBm	-9.88 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01853 MHz	-54.07 dBm	-41.07 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.44371 MHz	-49.71 dBm	-36.71 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.77273 MHz	-61.07 dBm	-26.07 dB

Date: 22.MAY.2016 10:33:39

Highest Band Edge / 1 RB

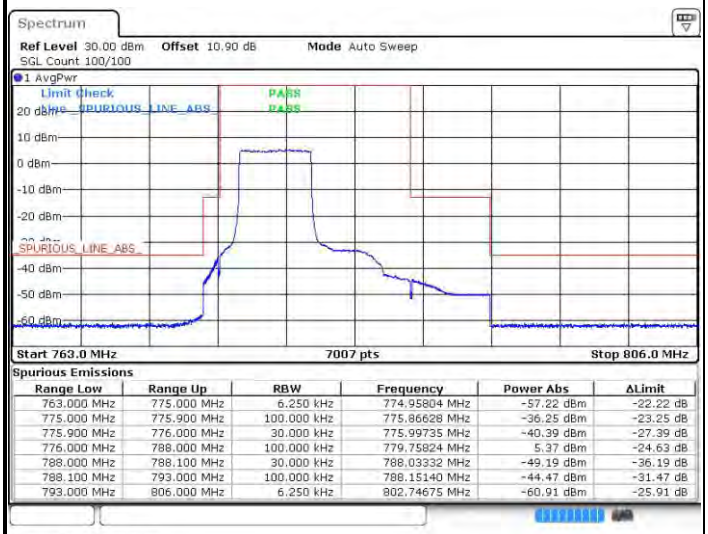


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.92707 MHz	-61.10 dBm	-26.10 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.15150 MHz	-49.38 dBm	-36.38 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98756 MHz	-54.25 dBm	-41.25 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	20.11 dBm	-9.89 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00075 MHz	-48.72 dBm	-35.72 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-44.80 dBm	-31.80 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.66883 MHz	-61.09 dBm	-26.09 dB

Date: 22.MAY.2016 10:38:19

Lowest Band Edge / Full RB

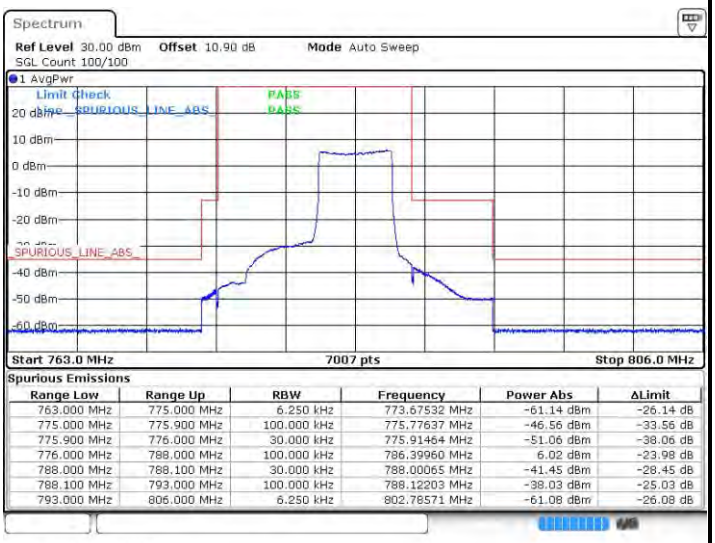


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-57.22 dBm	-22.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86628 MHz	-36.25 dBm	-23.25 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99735 MHz	-40.39 dBm	-27.39 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.75824 MHz	5.37 dBm	-24.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03332 MHz	-49.19 dBm	-36.19 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.15140 MHz	-44.47 dBm	-31.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.74675 MHz	-60.91 dBm	-25.91 dB

Date: 22.MAY.2016 10:30:10

Highest Band Edge / Full RB



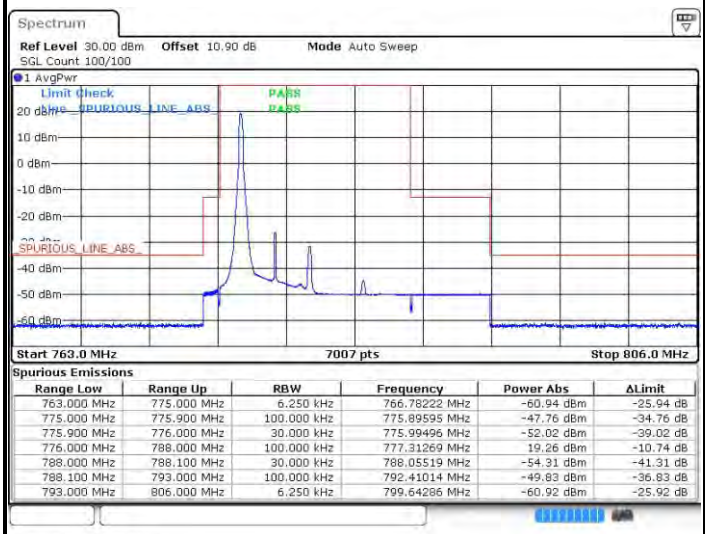
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.67532 MHz	-61.14 dBm	-26.14 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.77637 MHz	-46.56 dBm	-33.56 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91464 MHz	-51.06 dBm	-38.06 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	6.02 dBm	-23.98 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00065 MHz	-41.45 dBm	-28.45 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-38.03 dBm	-25.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.78571 MHz	-61.08 dBm	-26.08 dB

Date: 22.MAY.2016 10:34:49

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

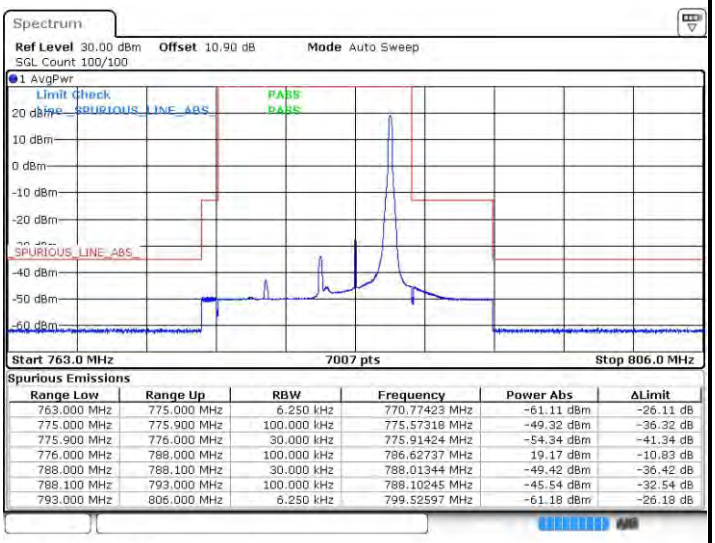


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.78222 MHz	-60.94 dBm	-25.94 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89595 MHz	-47.76 dBm	-34.76 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99496 MHz	-52.02 dBm	-39.02 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	19.26 dBm	-10.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05519 MHz	-54.31 dBm	-41.31 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.41014 MHz	-49.83 dBm	-36.83 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.64286 MHz	-60.92 dBm	-25.92 dB

Date: 22.MAY.2016 10:32:29

Highest Band Edge / 1 RB

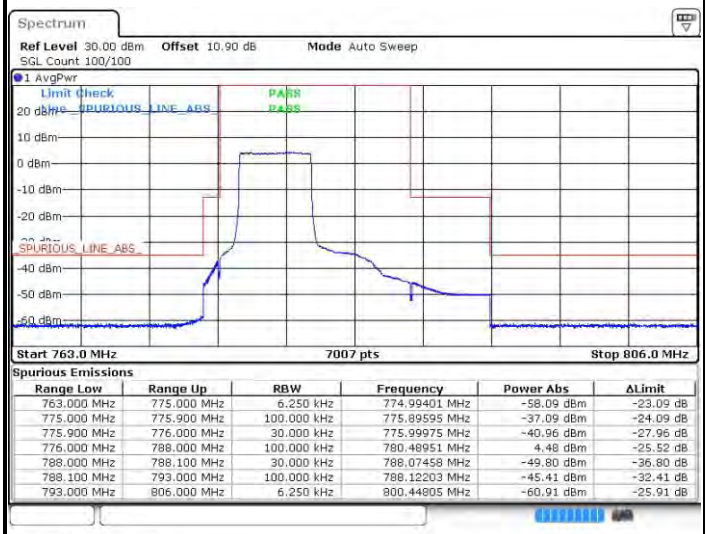


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.77423 MHz	-61.11 dBm	-26.11 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.57318 MHz	-49.32 dBm	-36.32 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91424 MHz	-54.34 dBm	-41.34 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	19.17 dBm	-10.83 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01344 MHz	-49.42 dBm	-36.42 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-45.54 dBm	-32.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.52597 MHz	-61.18 dBm	-26.18 dB

Date: 22.MAY.2016 10:37:08

Lowest Band Edge / Full RB

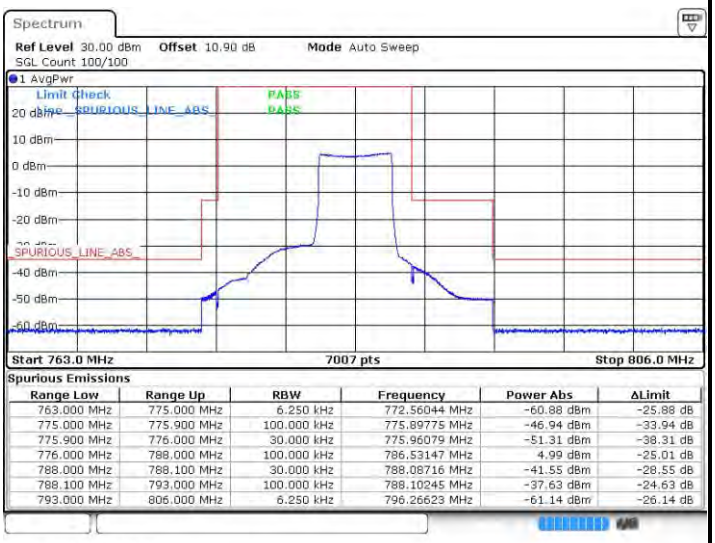


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-58.09 dBm	-23.09 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89595 MHz	-37.09 dBm	-24.09 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99975 MHz	-40.96 dBm	-27.96 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.48951 MHz	4.48 dBm	-25.52 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07458 MHz	-49.80 dBm	-36.80 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-45.41 dBm	-32.41 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.44805 MHz	-60.91 dBm	-25.91 dB

Date: 22.MAY.2016 10:31:20

Highest Band Edge / Full RB



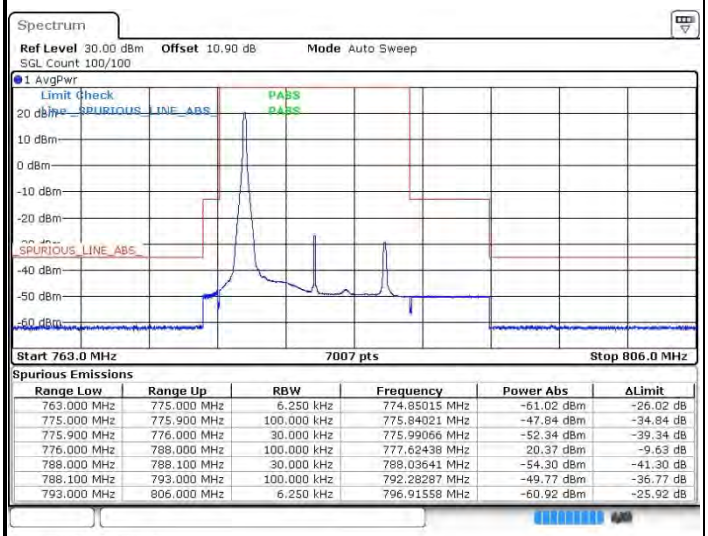
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.56044 MHz	-60.88 dBm	-25.88 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89775 MHz	-46.94 dBm	-33.94 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96079 MHz	-51.31 dBm	-38.31 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.53147 MHz	4.99 dBm	-25.01 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08716 MHz	-41.55 dBm	-28.55 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-37.63 dBm	-24.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.26623 MHz	-61.14 dBm	-26.14 dB

Date: 22.MAY.2016 10:35:58

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

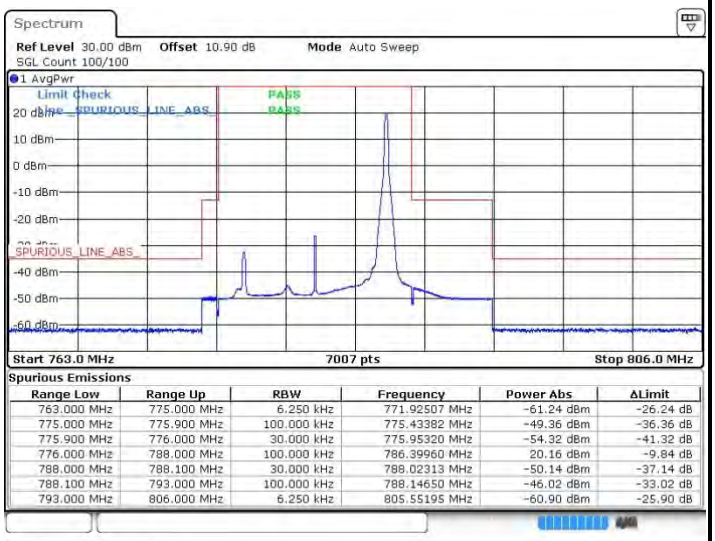


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.85015 MHz	-61.02 dBm	-26.02 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84021 MHz	-47.84 dBm	-34.84 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99066 MHz	-52.34 dBm	-39.34 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.62438 MHz	20.37 dBm	-9.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03641 MHz	-54.30 dBm	-41.30 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.28287 MHz	-49.77 dBm	-36.77 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.91558 MHz	-60.92 dBm	-25.92 dB

Date: 22.MAY.2016 10:42:57

Highest Band Edge / 1 RB

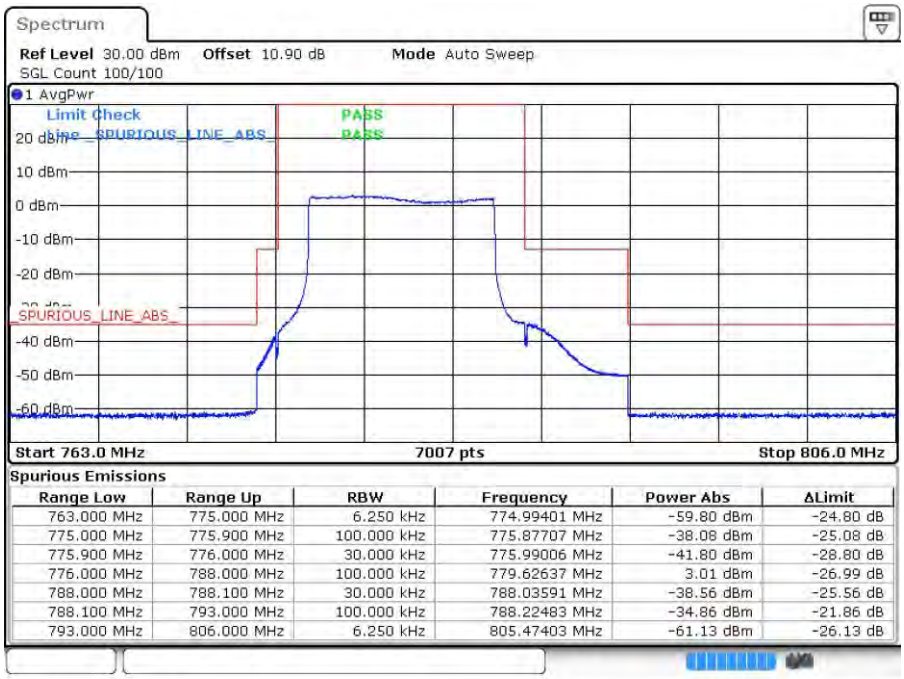


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.92507 MHz	-61.24 dBm	-26.24 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.43382 MHz	-49.36 dBm	-36.36 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95320 MHz	-54.32 dBm	-41.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	20.16 dBm	-9.84 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02313 MHz	-50.14 dBm	-37.14 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14650 MHz	-46.02 dBm	-33.02 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.55195 MHz	-60.90 dBm	-25.90 dB

Date: 22.MAY.2016 10:44:07

Band Edge / Full RB



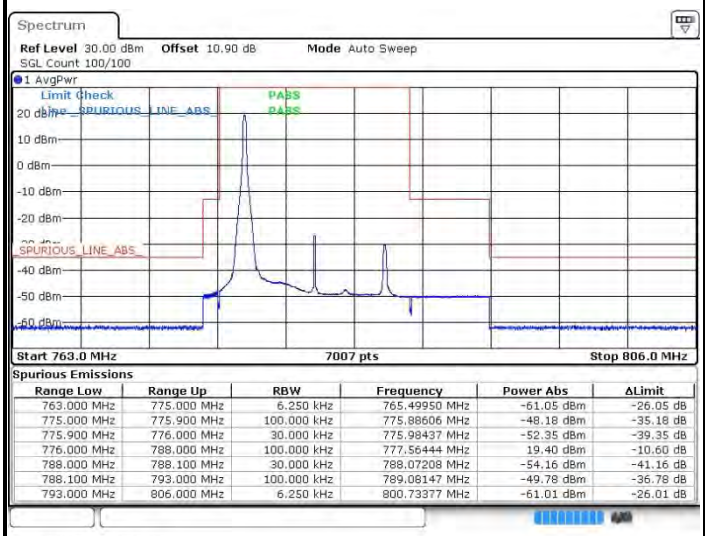
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-59.80 dBm	-24.80 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87707 MHz	-38.08 dBm	-25.08 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99006 MHz	-41.80 dBm	-28.80 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.62637 MHz	3.01 dBm	-26.99 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03591 MHz	-38.56 dBm	-25.56 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.22483 MHz	-34.86 dBm	-21.86 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.47403 MHz	-61.13 dBm	-26.13 dB

Date: 22.MAY.2016 10:39:28

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

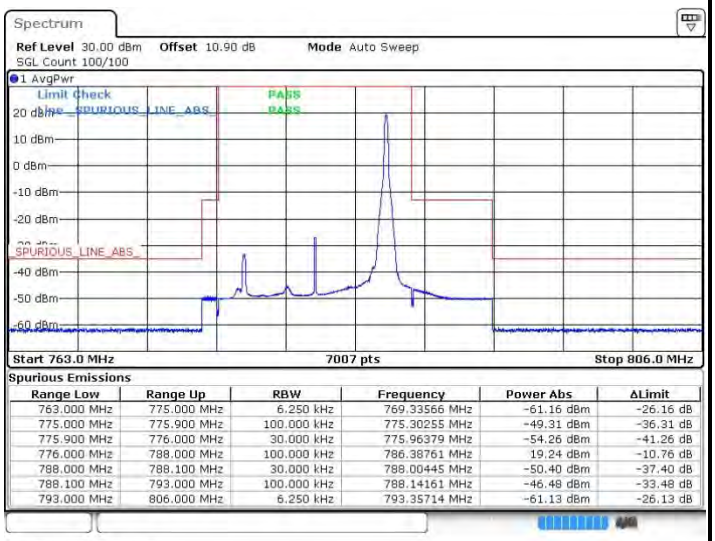


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.49950 MHz	-61.05 dBm	-26.05 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88606 MHz	-48.18 dBm	-35.18 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98437 MHz	-52.35 dBm	-39.35 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	19.40 dBm	-10.60 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07208 MHz	-54.16 dBm	-41.16 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.06147 MHz	-49.78 dBm	-36.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.73377 MHz	-61.01 dBm	-26.01 dB

Date: 22.MAY.2016 10:41:48

Highest Band Edge / 1 RB

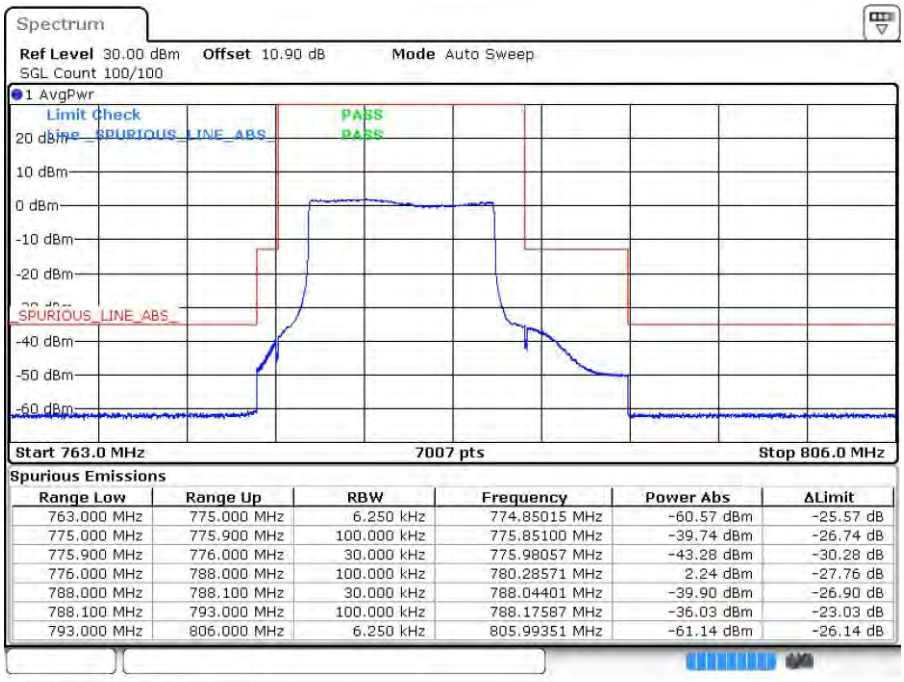


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.33566 MHz	-61.16 dBm	-26.16 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.30255 MHz	-49.31 dBm	-36.31 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96379 MHz	-54.26 dBm	-41.26 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	19.24 dBm	-10.76 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00445 MHz	-50.40 dBm	-37.40 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14161 MHz	-46.48 dBm	-33.48 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.35714 MHz	-61.13 dBm	-26.13 dB

Date: 22.MAY.2016 10:45:17

Band Edge / Full RB



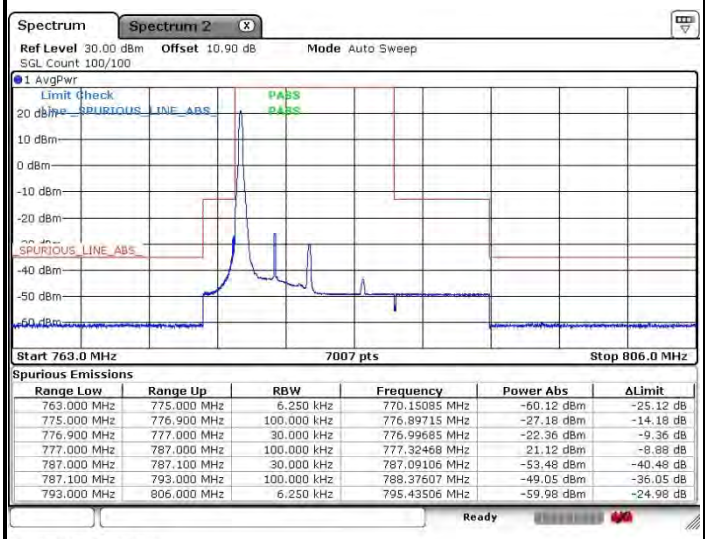
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.85015 MHz	-60.57 dBm	-25.57 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85100 MHz	-39.74 dBm	-26.74 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98057 MHz	-43.28 dBm	-30.28 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.28571 MHz	2.24 dBm	-27.76 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04401 MHz	-39.90 dBm	-26.90 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17587 MHz	-36.03 dBm	-23.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.99351 MHz	-61.14 dBm	-26.14 dB

Date: 22.MAY.2016 10:40:38

IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

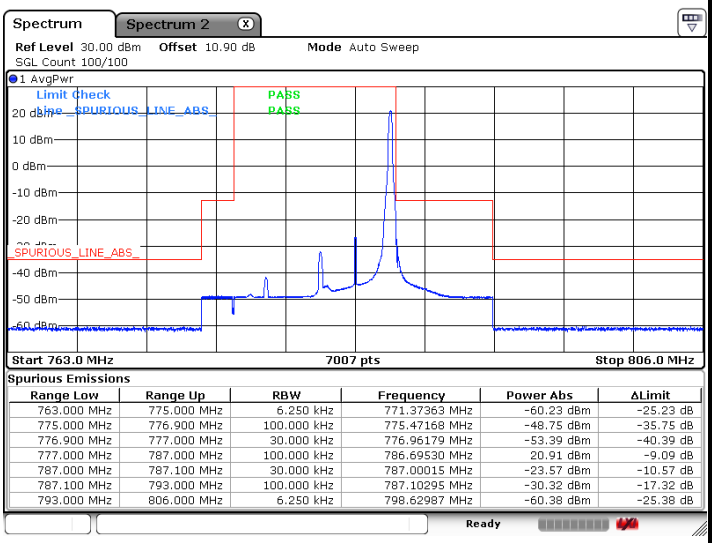


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.15085 MHz	-60.12 dBm	-25.12 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89715 MHz	-27.18 dBm	-14.18 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99685 MHz	-22.36 dBm	-9.36 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.32468 MHz	21.12 dBm	-8.88 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.09106 MHz	-53.48 dBm	-40.48 dB
787.100 MHz	793.000 MHz	100.000 kHz	788.37607 MHz	-49.05 dBm	-36.05 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.43506 MHz	-59.98 dBm	-24.98 dB

Date: 24.MAY.2016 01:44:56

Highest Band Edge / 1 RB

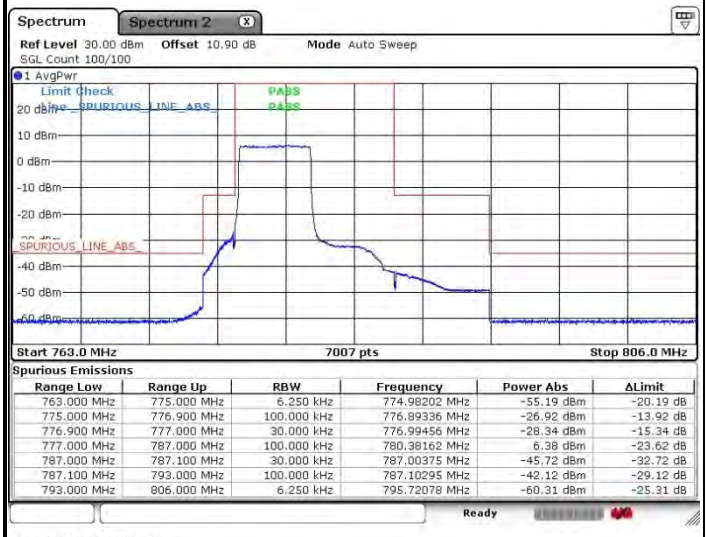


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.37363 MHz	-60.23 dBm	-25.23 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.47168 MHz	-48.75 dBm	-35.75 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.96179 MHz	-53.39 dBm	-40.39 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.69530 MHz	20.91 dBm	-9.09 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00015 MHz	-23.57 dBm	-10.57 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-30.32 dBm	-17.32 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.62987 MHz	-60.38 dBm	-25.38 dB

Date: 24.MAY.2016 01:51:51

Lowest Band Edge / Full RB

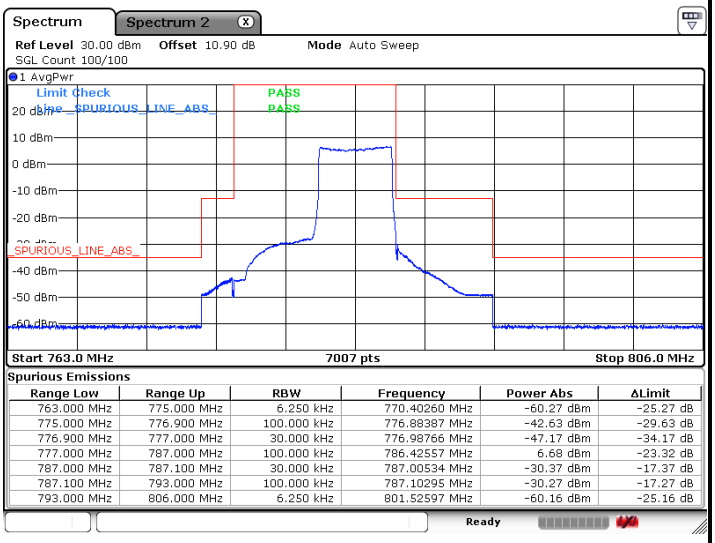


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-55.19 dBm	-20.19 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89336 MHz	-26.92 dBm	-13.92 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99456 MHz	-28.34 dBm	-15.34 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.38162 MHz	6.38 dBm	-23.62 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00375 MHz	-45.72 dBm	-32.72 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-42.12 dBm	-29.12 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.72078 MHz	-60.31 dBm	-25.31 dB

Date: 24.MAY.2016 01:41:58

Highest Band Edge / Full RB



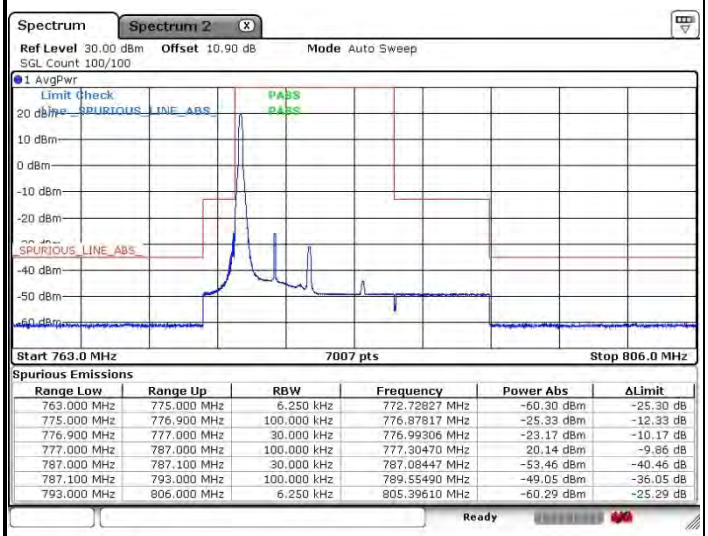
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.40260 MHz	-60.27 dBm	-25.27 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88387 MHz	-42.63 dBm	-29.63 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.98766 MHz	-47.17 dBm	-34.17 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.42557 MHz	6.68 dBm	-23.32 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00534 MHz	-30.37 dBm	-17.37 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-30.27 dBm	-17.27 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.52597 MHz	-60.16 dBm	-25.16 dB

Date: 24.MAY.2016 01:50:42

IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

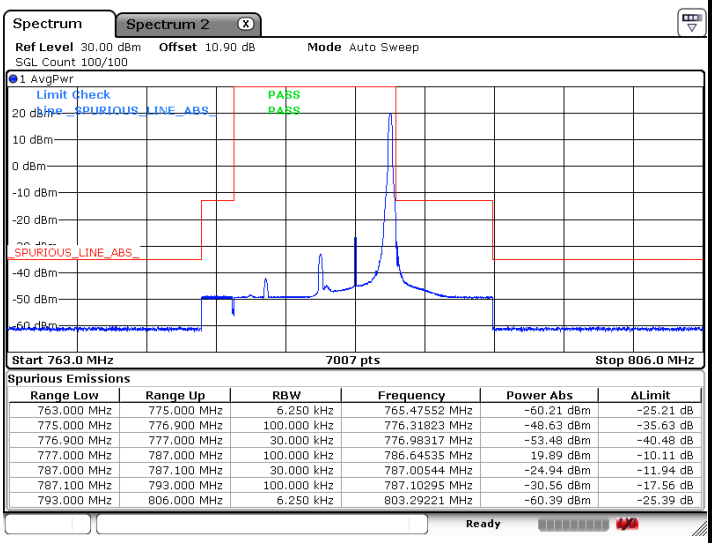


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.72827 MHz	-60.30 dBm	-25.30 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.87817 MHz	-25.33 dBm	-12.33 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99306 MHz	-23.17 dBm	-10.17 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.30470 MHz	20.14 dBm	-9.86 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.08447 MHz	-53.46 dBm	-40.46 dB
787.100 MHz	793.000 MHz	100.000 kHz	789.55490 MHz	-49.05 dBm	-36.05 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.39610 MHz	-60.29 dBm	-25.29 dB

Date: 24.MAY.2016 01:46:03

Highest Band Edge / 1 RB

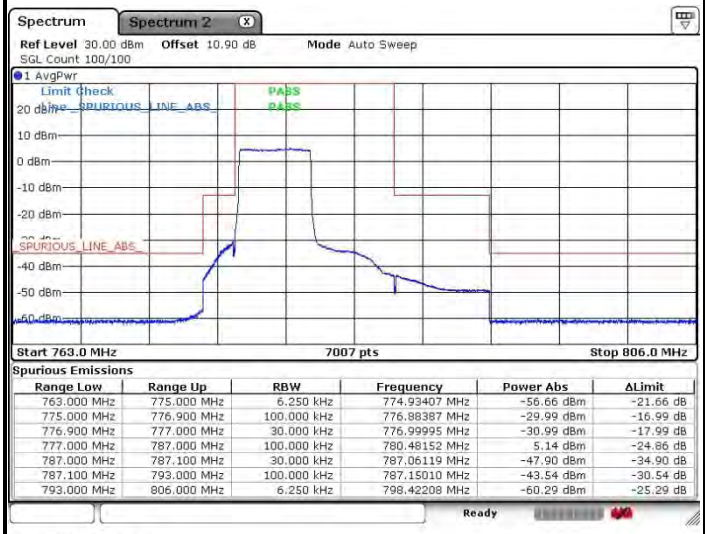


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.47552 MHz	-60.21 dBm	-25.21 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.31823 MHz	-48.63 dBm	-35.63 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.98317 MHz	-53.48 dBm	-40.48 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.64535 MHz	19.89 dBm	-10.11 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00544 MHz	-24.94 dBm	-11.94 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-30.56 dBm	-17.56 dB
793.000 MHz	806.000 MHz	6.250 kHz	803.29221 MHz	-60.39 dBm	-25.39 dB

Date: 24.MAY.2016 01:52:59

Lowest Band Edge / Full RB

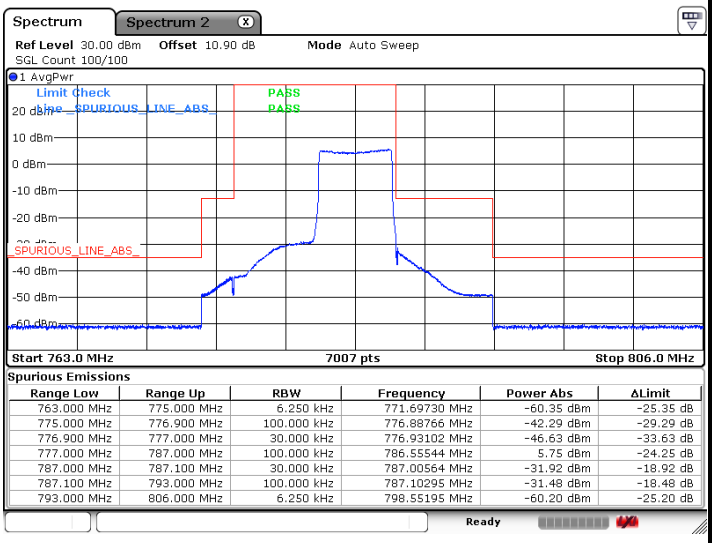


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.93407 MHz	-56.66 dBm	-21.66 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88387 MHz	-29.99 dBm	-16.99 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99995 MHz	-30.99 dBm	-17.99 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.48152 MHz	5.14 dBm	-24.86 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.06119 MHz	-47.90 dBm	-34.90 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.15010 MHz	-43.54 dBm	-30.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.42208 MHz	-60.29 dBm	-25.29 dB

Date: 24.MAY.2016 01:40:51

Highest Band Edge / Full RB



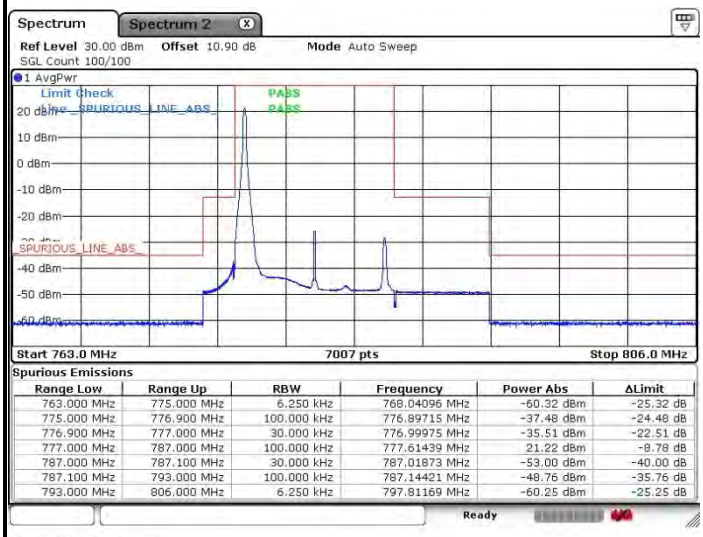
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.69730 MHz	-60.35 dBm	-25.35 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88766 MHz	-42.29 dBm	-29.29 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.93102 MHz	-46.63 dBm	-33.63 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.55544 MHz	5.75 dBm	-24.25 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00564 MHz	-31.92 dBm	-18.92 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-31.48 dBm	-18.48 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.55195 MHz	-60.20 dBm	-25.20 dB

Date: 24.MAY.2016 01:49:35

IC LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

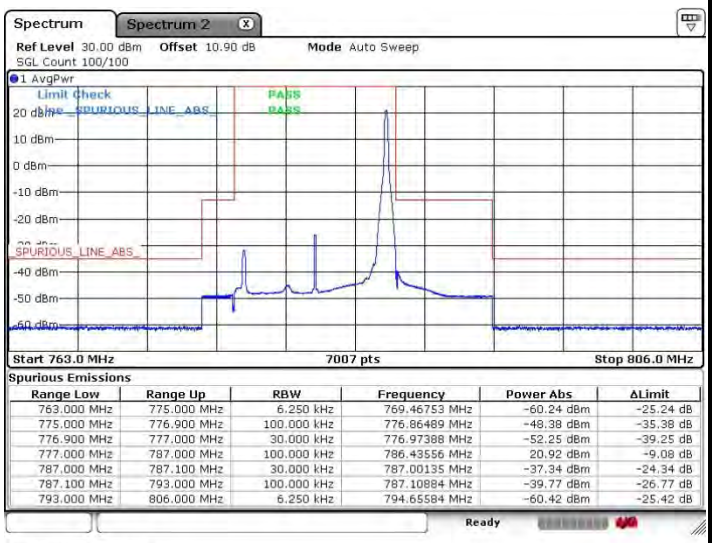


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.04096 MHz	-60.32 dBm	-25.32 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89715 MHz	-37.48 dBm	-24.48 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99975 MHz	-35.51 dBm	-22.51 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.61439 MHz	21.22 dBm	-8.78 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01873 MHz	-53.00 dBm	-40.00 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.14421 MHz	-48.76 dBm	-35.76 dB
793.000 MHz	806.000 MHz	6.250 kHz	797.81169 MHz	-60.25 dBm	-25.25 dB

Date: 24.MAY.2016 01:59:26

Highest Band Edge / 1 RB

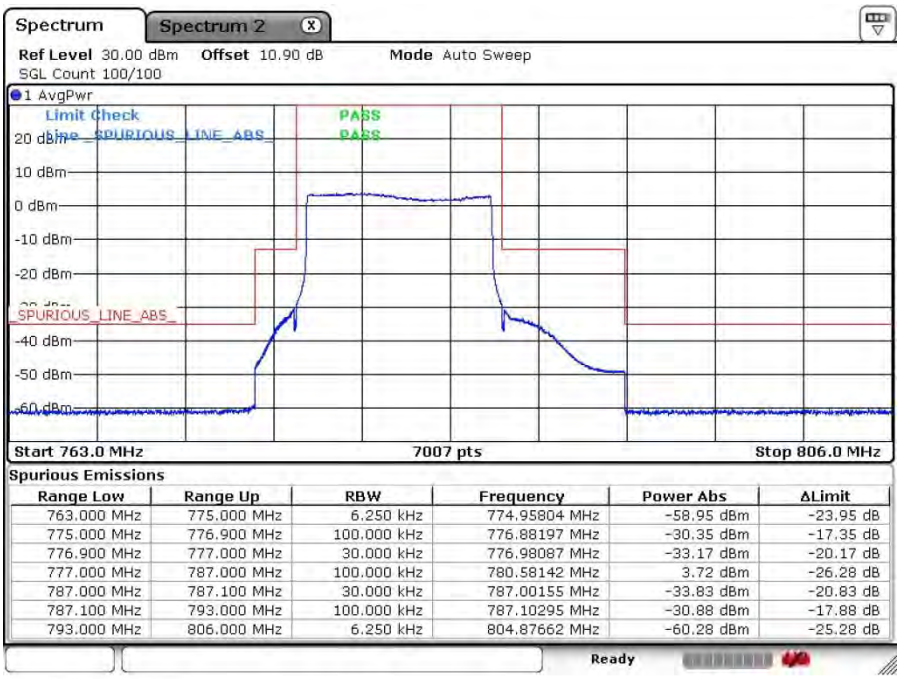


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.46753 MHz	-60.24 dBm	-25.24 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.86489 MHz	-48.38 dBm	-35.38 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97388 MHz	-52.25 dBm	-39.25 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.43556 MHz	20.92 dBm	-9.08 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00135 MHz	-37.34 dBm	-24.34 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10884 MHz	-39.77 dBm	-26.77 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.65584 MHz	-60.42 dBm	-25.42 dB

Date: 24.MAY.2016 02:02:48

Band Edge / Full RB



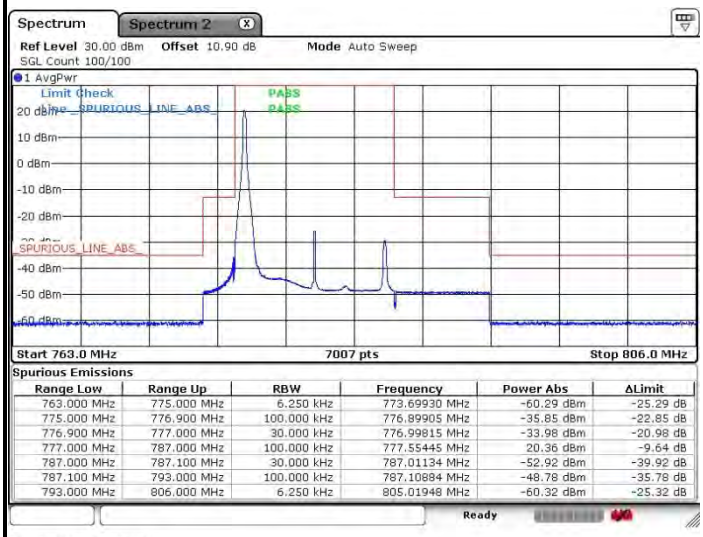
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-58.95 dBm	-23.95 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88197 MHz	-30.35 dBm	-17.35 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.98087 MHz	-33.17 dBm	-20.17 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.58142 MHz	3.72 dBm	-26.28 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00155 MHz	-33.83 dBm	-20.83 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-30.88 dBm	-17.88 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.87662 MHz	-60.28 dBm	-25.28 dB

Date: 24.MAY.2016 01:58:21

IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

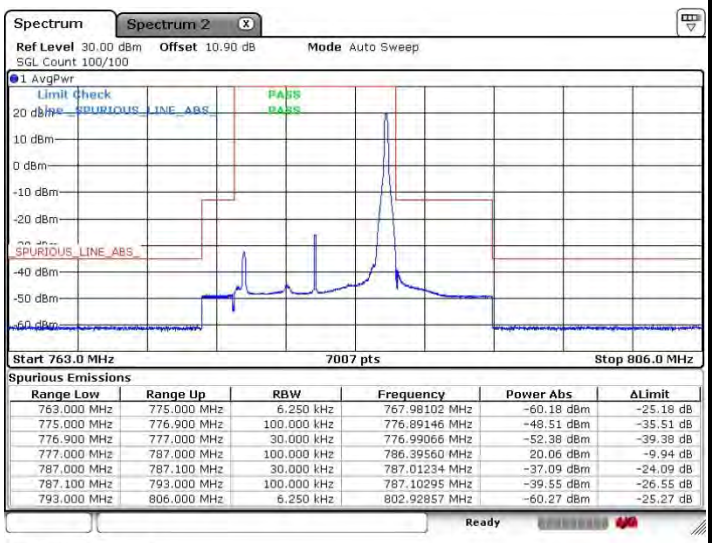


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.69930 MHz	-60.29 dBm	-25.29 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-35.85 dBm	-22.85 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99815 MHz	-33.98 dBm	-20.98 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.55445 MHz	20.36 dBm	-9.64 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01134 MHz	-52.92 dBm	-39.92 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10884 MHz	-48.78 dBm	-35.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.01948 MHz	-60.32 dBm	-25.32 dB

Date: 24.MAY.2016 02:00:41

Highest Band Edge / 1 RB

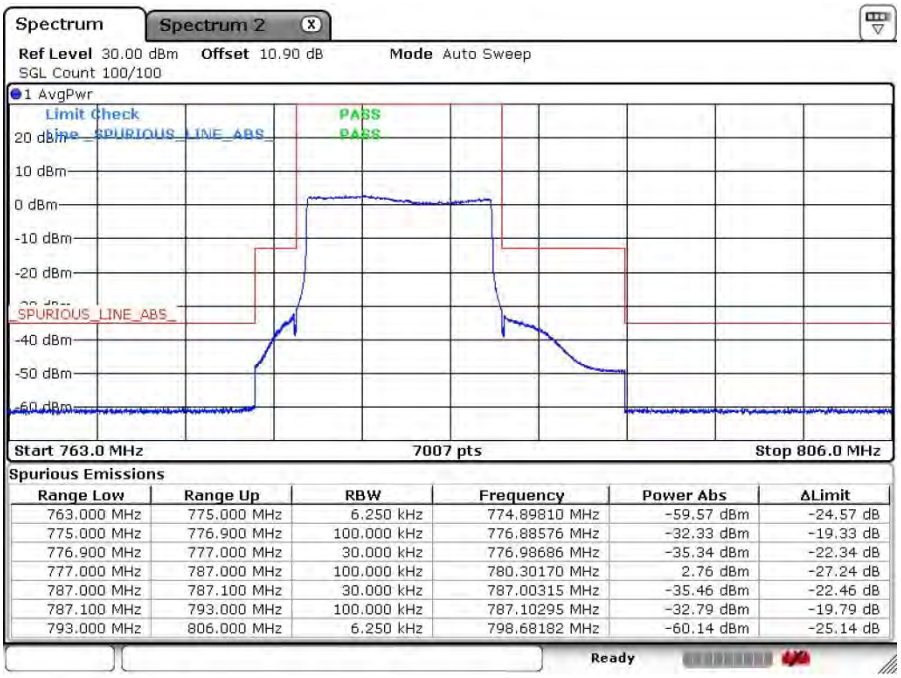


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	767.98102 MHz	-60.18 dBm	-25.18 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89146 MHz	-48.51 dBm	-35.51 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99066 MHz	-52.38 dBm	-39.38 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.39560 MHz	20.06 dBm	-9.94 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01234 MHz	-37.09 dBm	-24.09 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-39.55 dBm	-26.55 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.92857 MHz	-60.27 dBm	-25.27 dB

Date: 24.MAY.2016 02:01:44

Band Edge / Full RB



Spurious Emissions

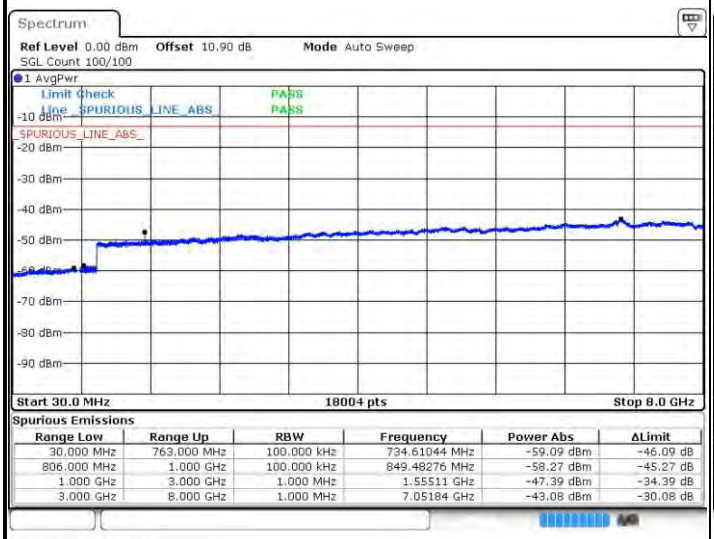
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.89810 MHz	-59.57 dBm	-24.57 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88576 MHz	-32.33 dBm	-19.33 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.98686 MHz	-35.34 dBm	-22.34 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.30170 MHz	2.76 dBm	-27.24 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00315 MHz	-35.46 dBm	-22.46 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-32.79 dBm	-19.79 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.68182 MHz	-60.14 dBm	-25.14 dB

Date: 24.MAY.2016 01:57:15

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

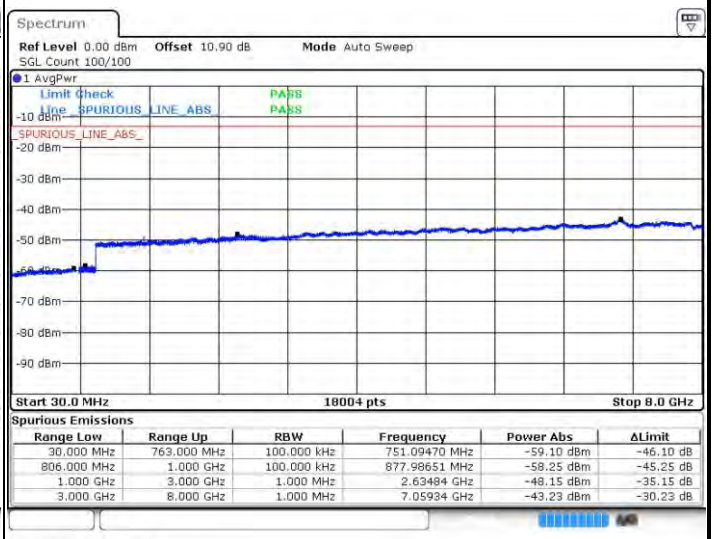


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.61044 MHz	-59.09 dBm	-46.09 dB
806.000 MHz	1.000 GHz	100.000 kHz	849.48276 MHz	-58.27 dBm	-45.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05184 GHz	-43.08 dBm	-30.08 dB

Date: 22.MAY.2016 10:03:26

Lowest Channel / 16QAM

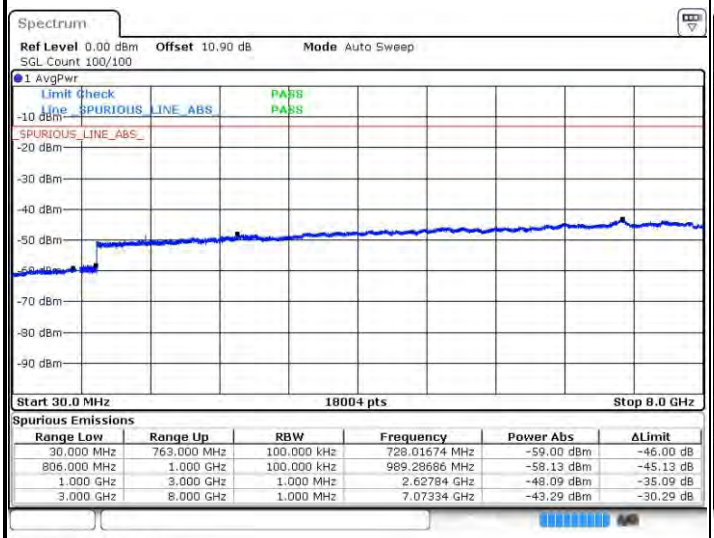


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	751.09470 MHz	-59.10 dBm	-46.10 dB
806.000 MHz	1.000 GHz	100.000 kHz	877.98651 MHz	-58.25 dBm	-45.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63484 GHz	-48.15 dBm	-35.15 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05934 GHz	-43.23 dBm	-30.23 dB

Date: 22.MAY.2016 10:04:24

Middle Channel / QPSK

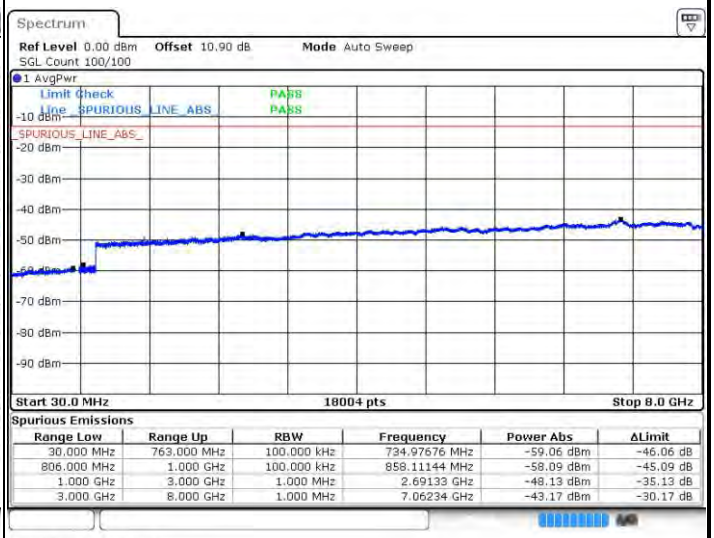


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	728.01674 MHz	-59.00 dBm	-46.00 dB
806.000 MHz	1.000 GHz	100.000 kHz	989.28686 MHz	-58.13 dBm	-45.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62784 GHz	-48.09 dBm	-35.09 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.07334 GHz	-43.29 dBm	-30.29 dB

Date: 22.MAY.2016 10:06:12

Middle Channel / 16QAM



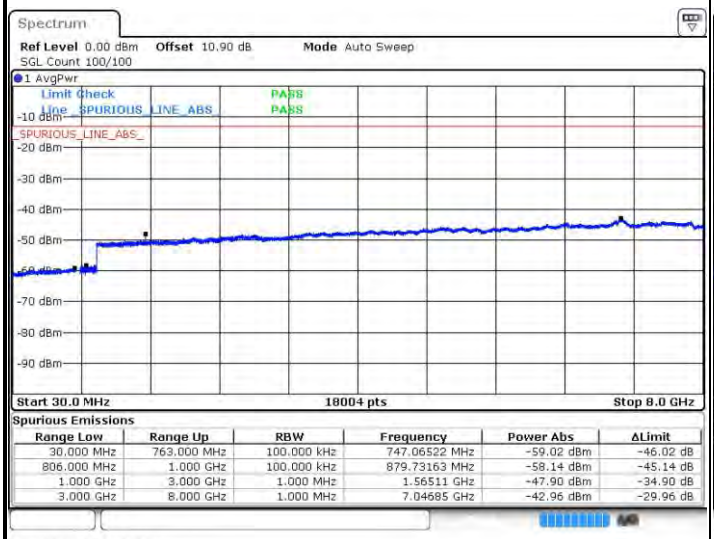
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-59.06 dBm	-46.06 dB
806.000 MHz	1.000 GHz	100.000 kHz	858.11144 MHz	-58.09 dBm	-45.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.69133 GHz	-48.13 dBm	-35.13 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.06234 GHz	-43.17 dBm	-30.17 dB

Date: 22.MAY.2016 10:05:18

LTE Band 13 / 5MHz

Highest Channel / QPSK

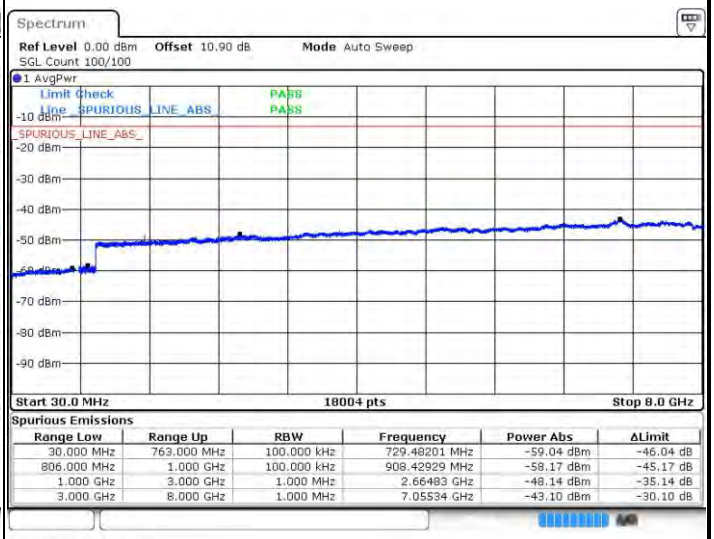


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	747.06522 MHz	-59.02 dBm	-46.02 dB
806.000 MHz	1.000 GHz	100.000 kHz	879.73163 MHz	-58.14 dBm	-45.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-47.90 dBm	-34.90 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.04685 GHz	-42.96 dBm	-29.96 dB

Date: 22.MAY.2016 10:08:31

Highest Channel / 16QAM



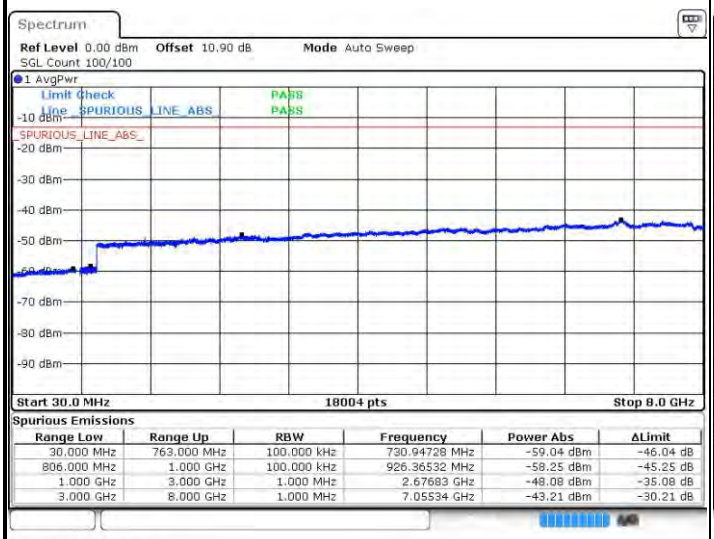
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	729.48201 MHz	-59.04 dBm	-46.04 dB
806.000 MHz	1.000 GHz	100.000 kHz	908.42929 MHz	-58.17 dBm	-45.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.66483 GHz	-48.14 dBm	-35.14 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05534 GHz	-43.10 dBm	-30.10 dB

Date: 22.MAY.2016 10:09:25

LTE Band 13 / 10MHz

Middle Channel / QPSK

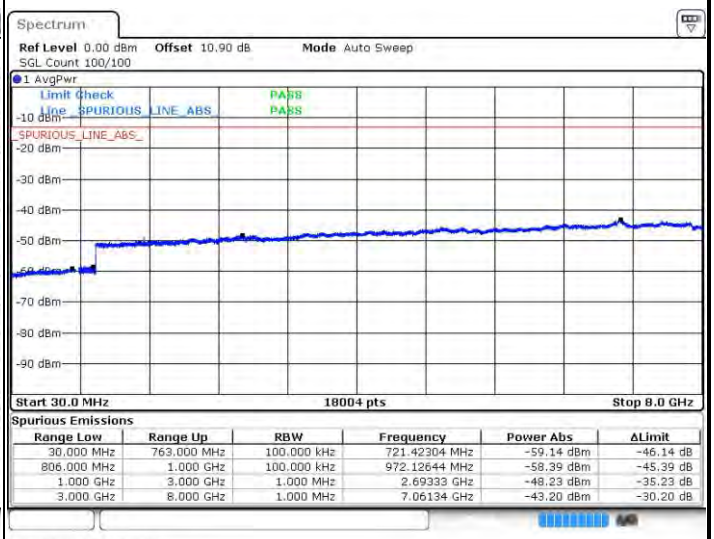


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	730.94728 MHz	-59.04 dBm	-46.04 dB
806.000 MHz	1.000 GHz	100.000 kHz	926.36532 MHz	-58.25 dBm	-45.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67683 GHz	-48.08 dBm	-35.08 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.05534 GHz	-43.21 dBm	-30.21 dB

Date: 22.MAY.2016 10:11:56

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	721.42304 MHz	-59.14 dBm	-46.14 dB
806.000 MHz	1.000 GHz	100.000 kHz	972.12644 MHz	-58.39 dBm	-45.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.69333 GHz	-48.23 dBm	-35.23 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.06134 GHz	-43.20 dBm	-30.20 dB

Date: 22.MAY.2016 10:11:02

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0130	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0137	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0148	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0121	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.3 V.；Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

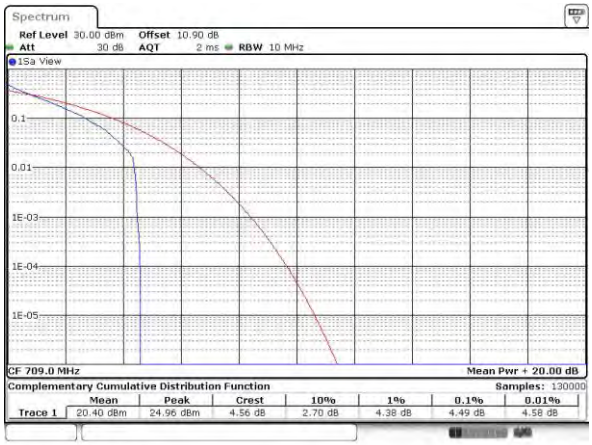
LTE Band 17

Peak-to-Average Ratio

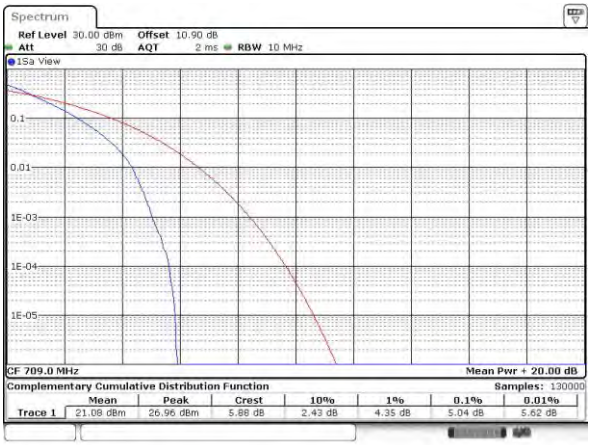
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	5.04	4.96	5.97	PASS
Middle CH	4.43	4.99	5.33	5.88	
Highest CH	4.46	4.99	5.36	6.06	

LTE Band 17 / 10MHz / QPSK

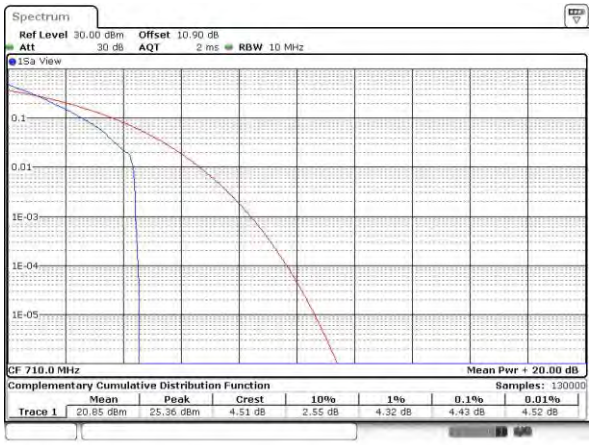
Lowest Channel / 1RB



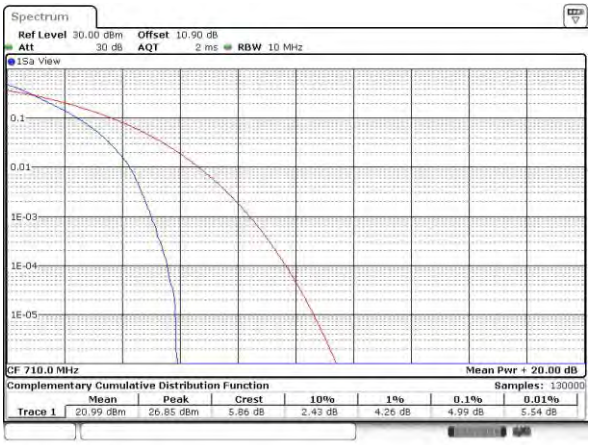
Lowest Channel / Full RB



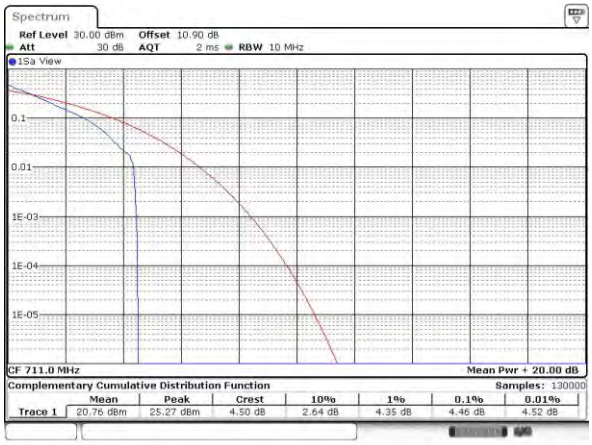
Middle Channel/ 1RB



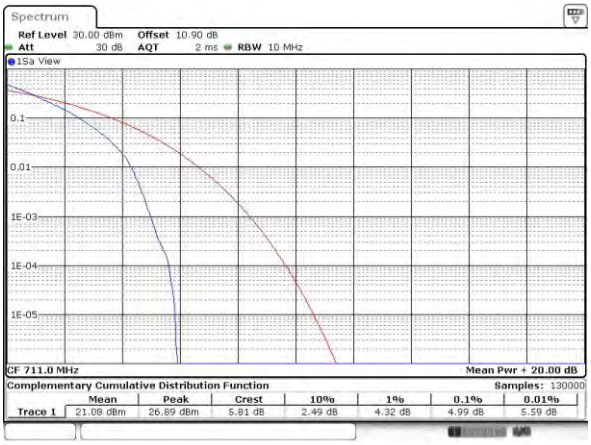
Middle Channel / Full RB



Highest Channel/ 1RB

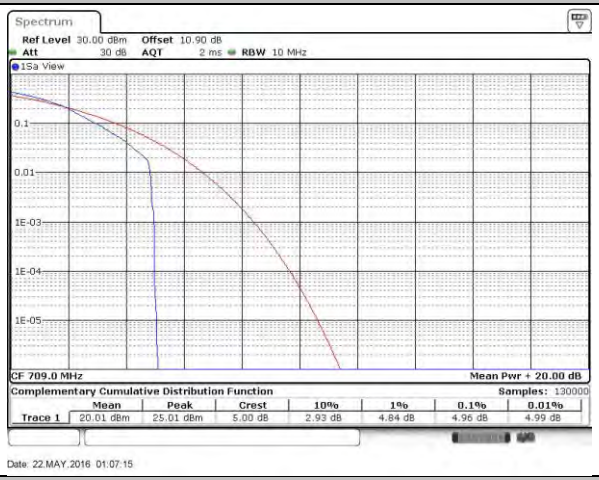


Highest Channel / Full RB

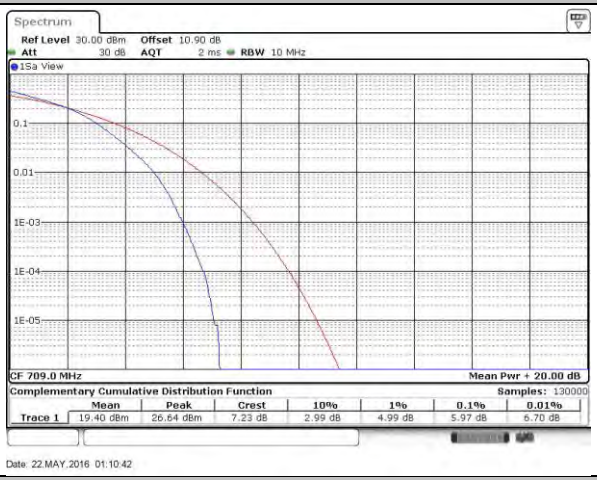


LTE Band 17 / 10MHz / 16QAM

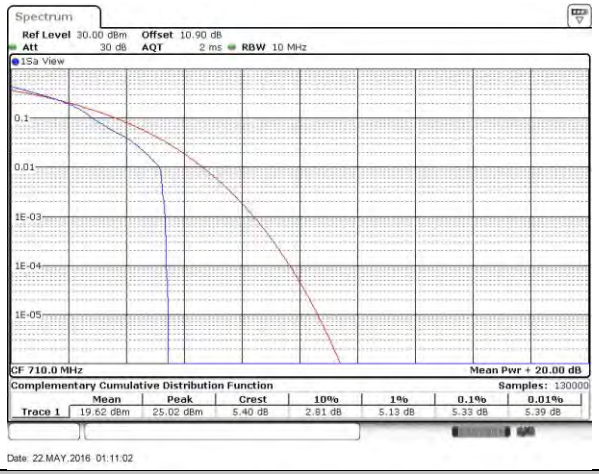
Lowest Channel / 1RB



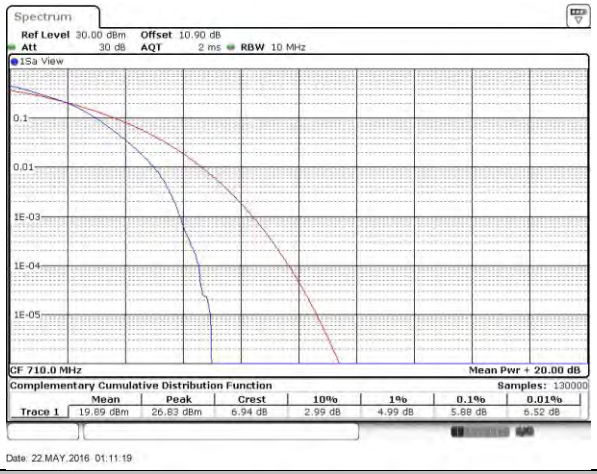
Lowest Channel / Full RB



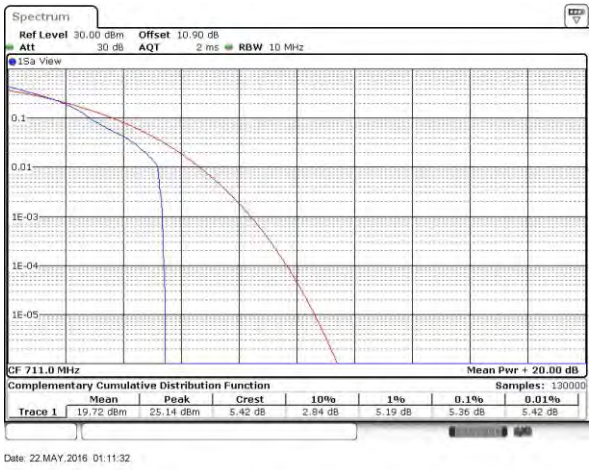
Middle Channel/ 1RB



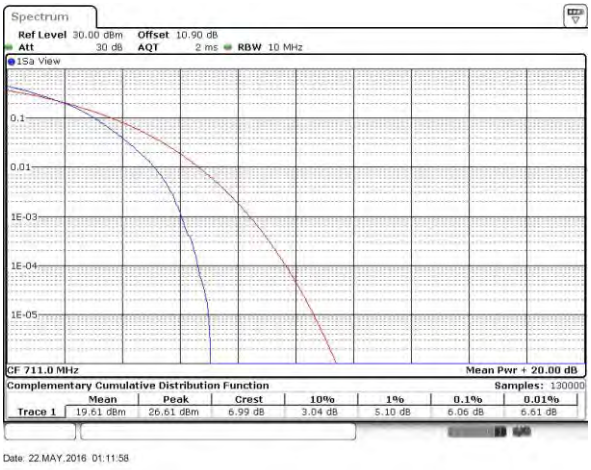
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB

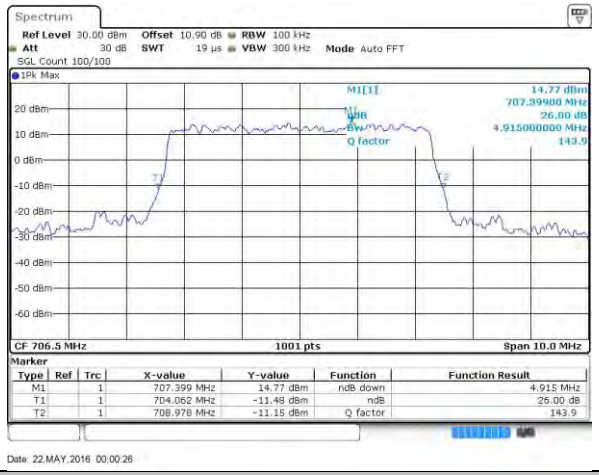


26dB Bandwidth

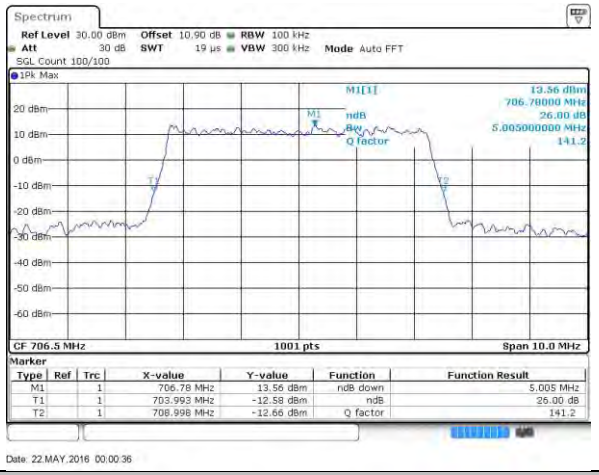
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.92	5.01	9.95	9.73	-	-	-	-
Middle CH	-	-	-	-	4.96	4.94	9.71	9.69	-	-	-	-
Highest CH	-	-	-	-	4.96	4.89	9.71	9.95	-	-	-	-

LTE Band 17

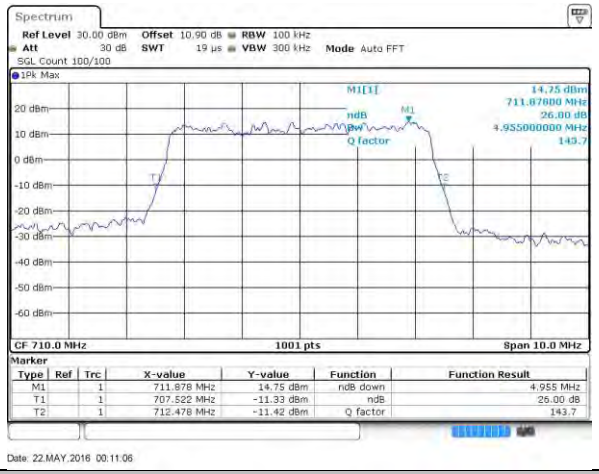
Lowest Channel / 5MHz / QPSK



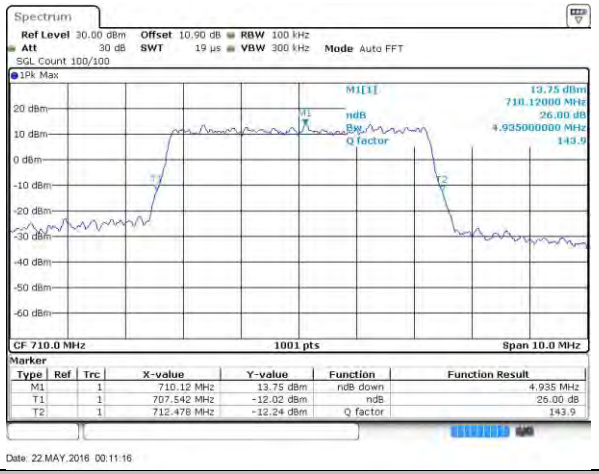
Lowest Channel / 5MHz / 16QAM



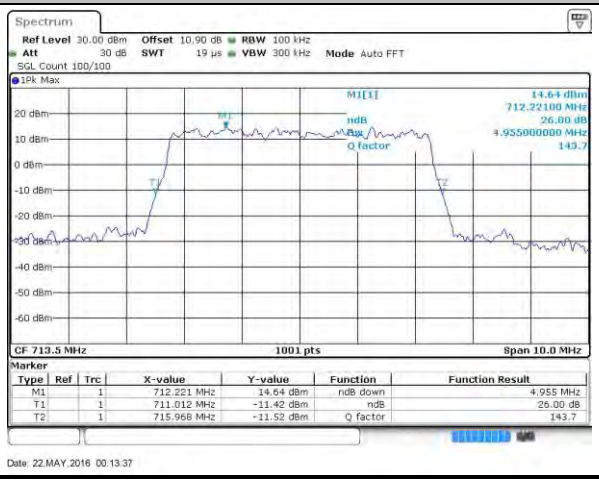
Middle Channel / 5MHz / QPSK



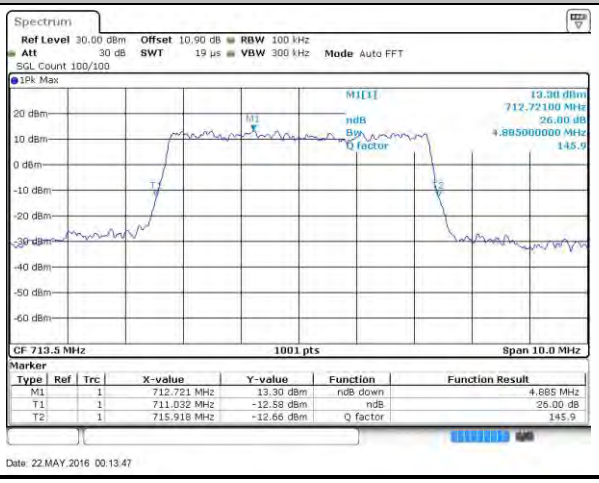
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

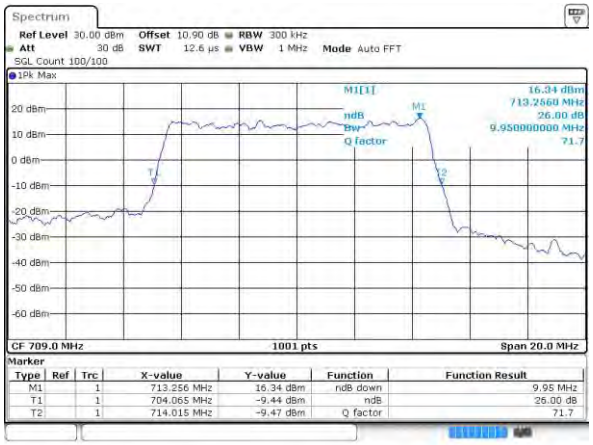


Highest Channel / 5MHz / 16QAM

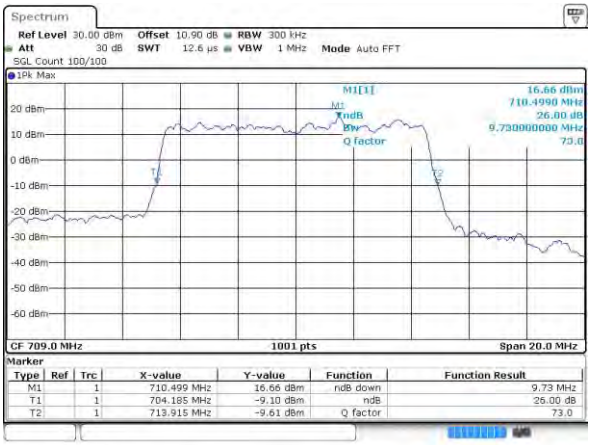


LTE Band 17

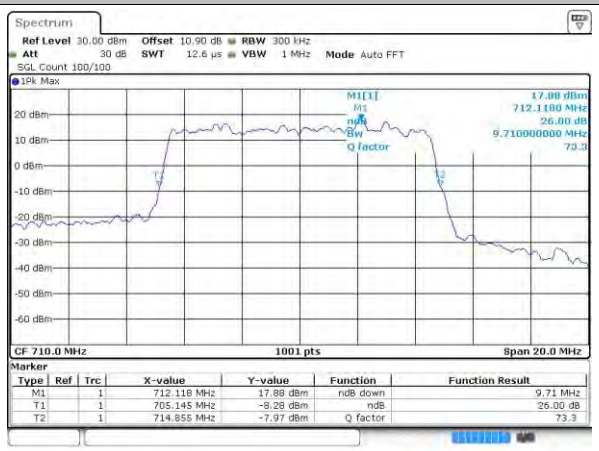
Lowest Channel / 10MHz / QPSK



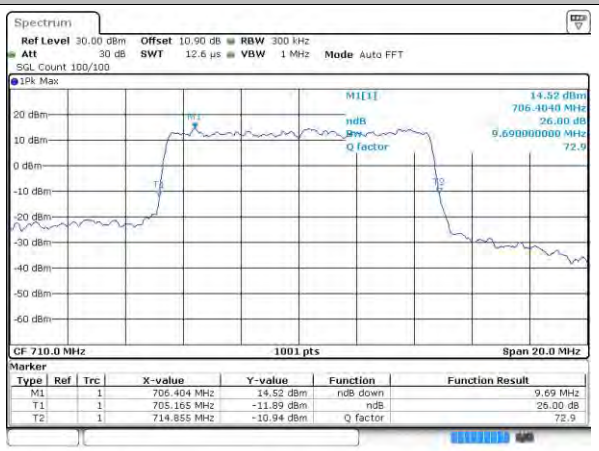
Lowest Channel / 10MHz / 16QAM



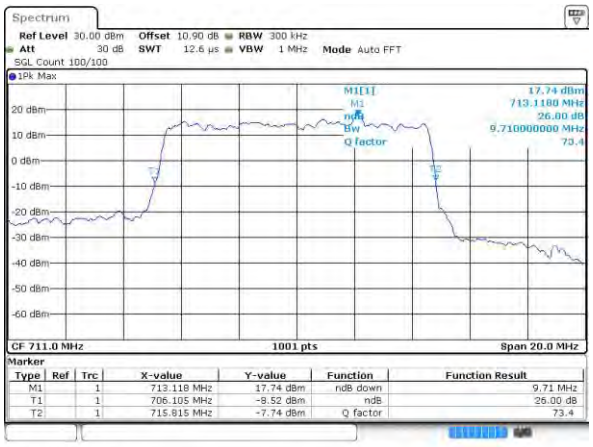
Middle Channel / 10MHz / QPSK



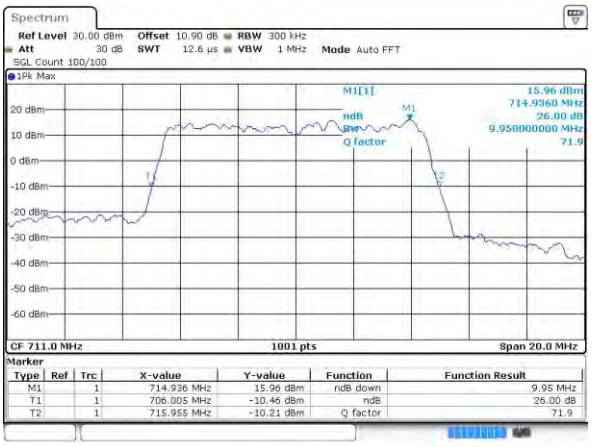
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

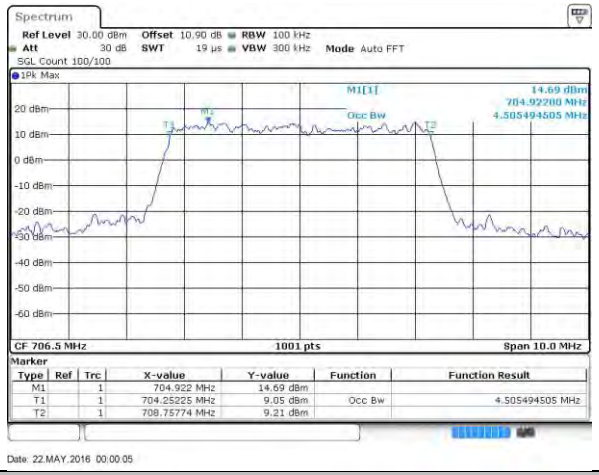


Occupied Bandwidth

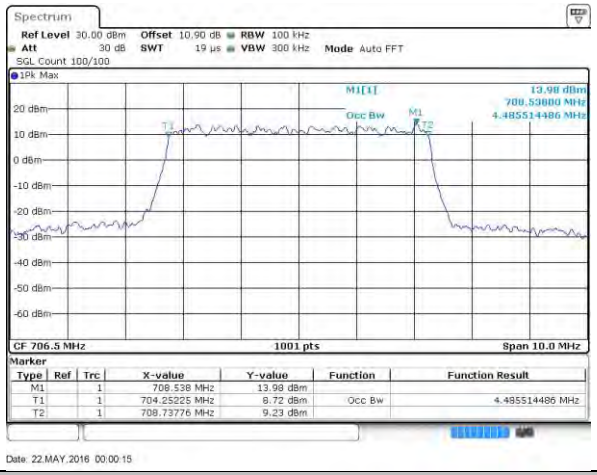
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.49	9.09	9.05	-	-	-	-
Middle CH	-	-	-	-	4.51	4.5	9.01	9.05	-	-	-	-
Highest CH	-	-	-	-	4.5	4.51	9.03	9.03	-	-	-	-

LTE Band 17

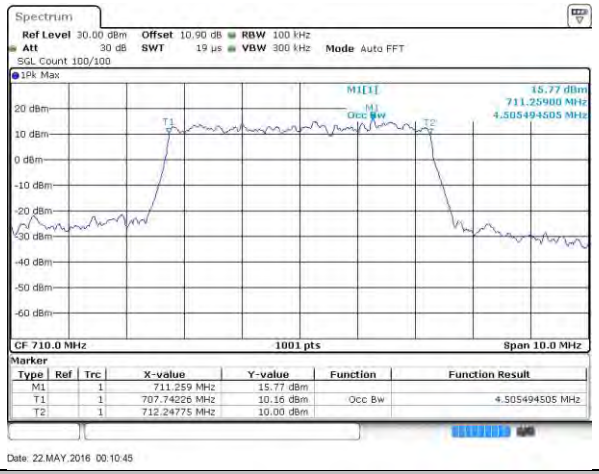
Lowest Channel / 5MHz / QPSK



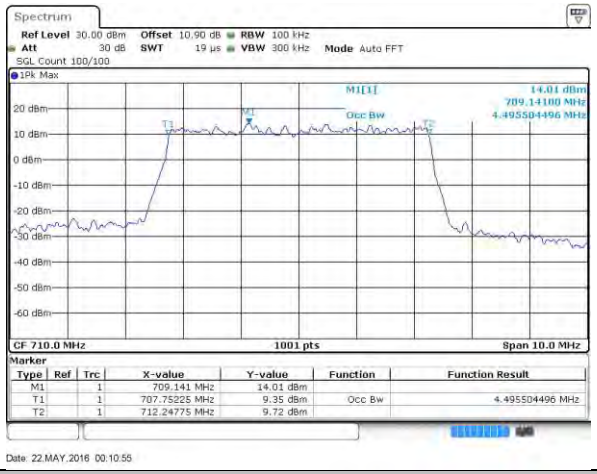
Lowest Channel / 5MHz / 16QAM



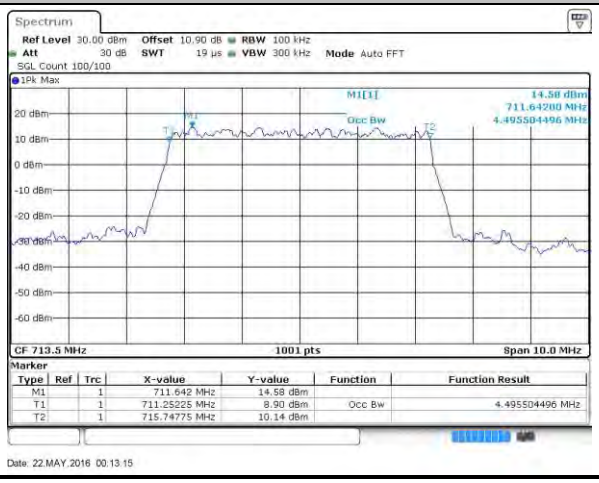
Middle Channel / 5MHz / QPSK



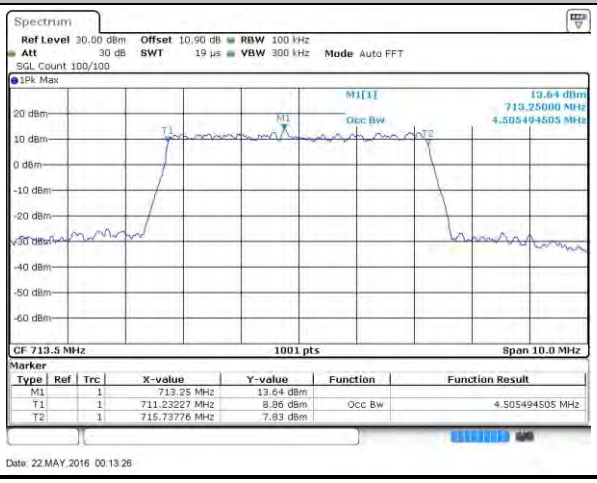
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

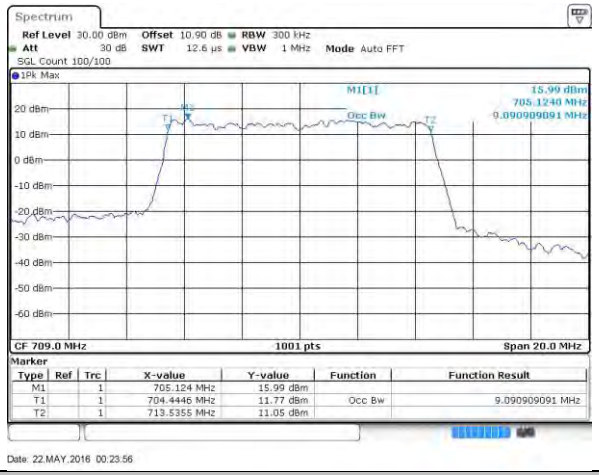


Highest Channel / 5MHz / 16QAM



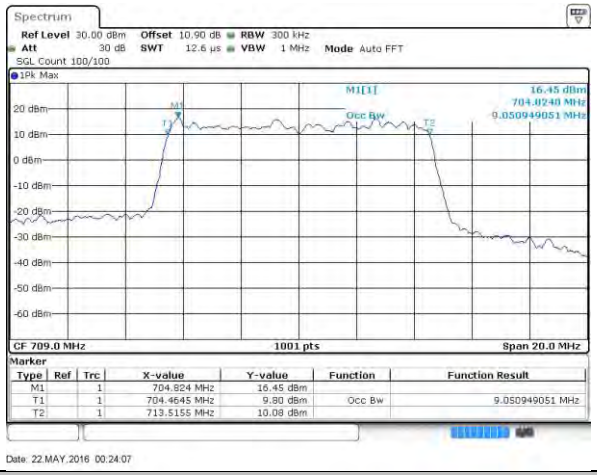
LTE Band 17

Lowest Channel / 10MHz / QPSK



Date: 22.MAY.2016 00:23:56

Lowest Channel / 10MHz / 16QAM



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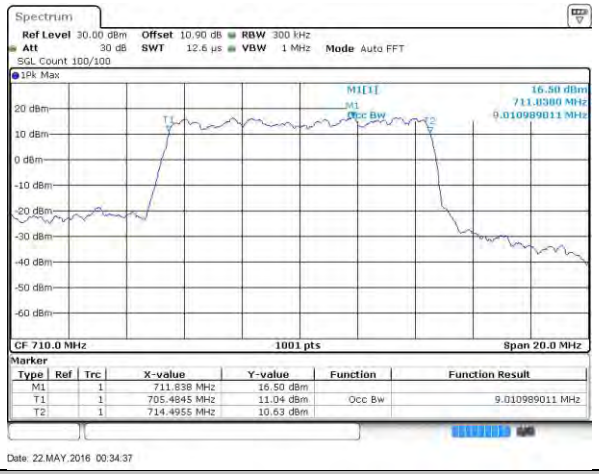
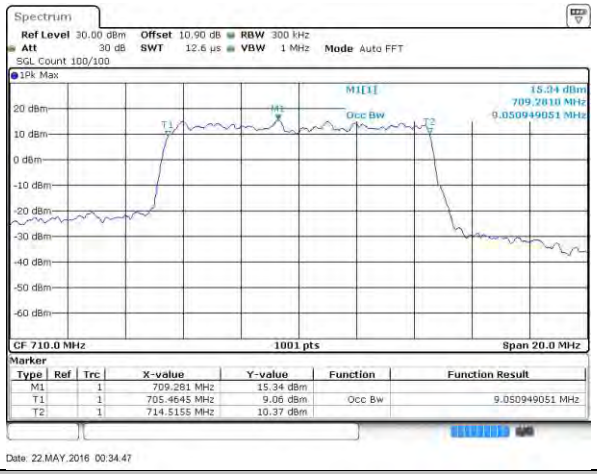
Middle Channel / 10MHz / QPSK



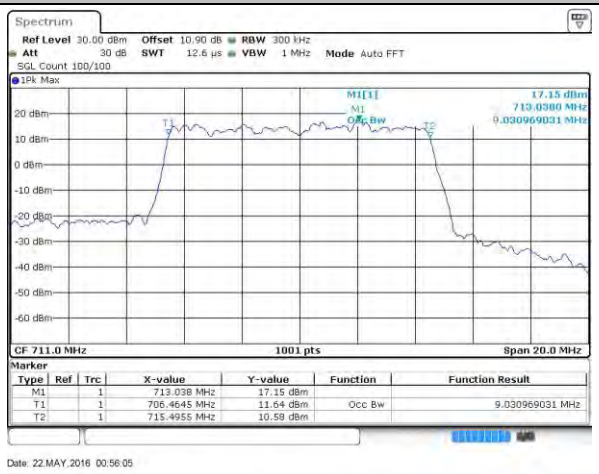
Date: 22.MAY.2016 00:34:37

Middle Channel / 10MHz / 16QAM



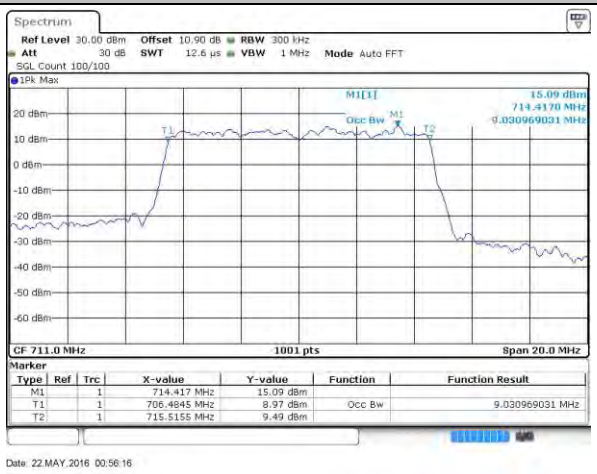
Date: 22.MAY.2016 00:34:47

Highest Channel / 10MHz / QPSK



Date: 22.MAY.2016 00:56:05

Highest Channel / 10MHz / 16QAM

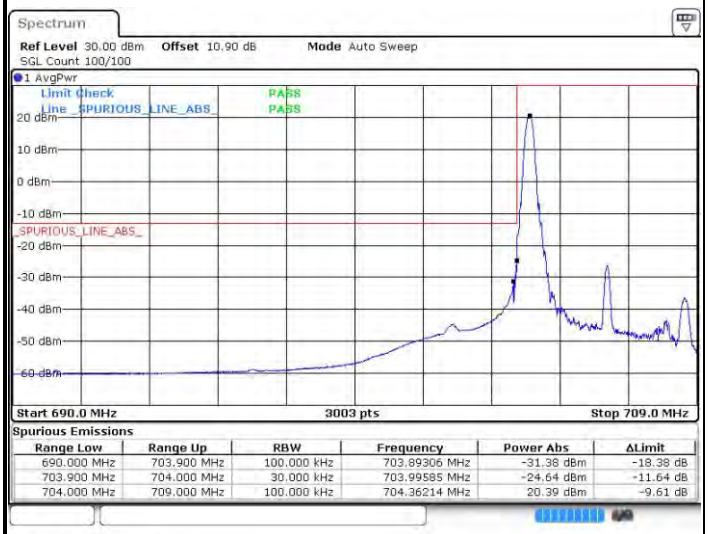


Date: 22.MAY.2016 00:56:16

Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

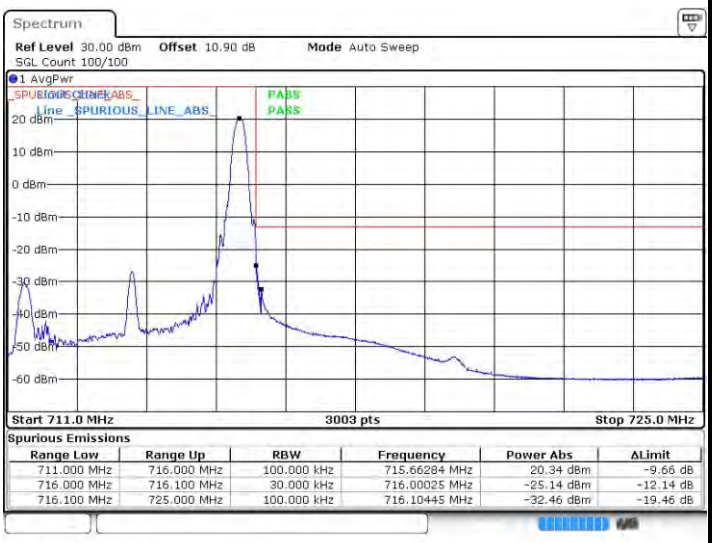


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.38 dBm	-18.38 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99585 MHz	-24.64 dBm	-11.64 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.36214 MHz	20.39 dBm	-9.61 dB

Date: 22.MAY.2016 00:02:38

Highest Band Edge / 1 RB

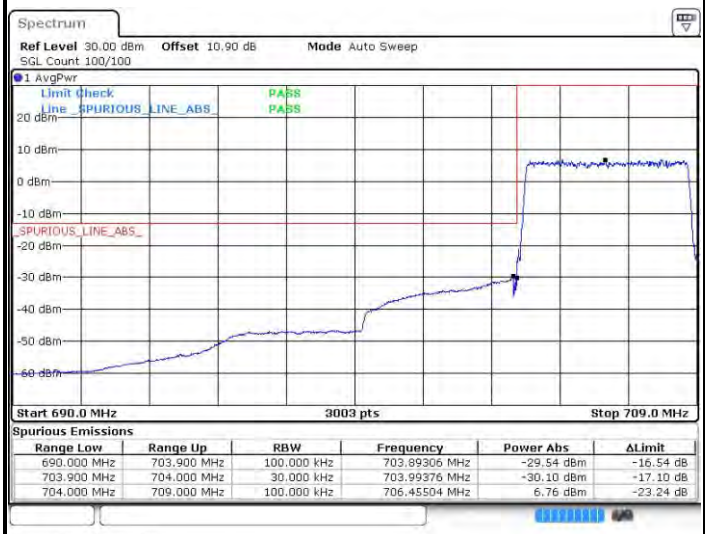


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66284 MHz	20.34 dBm	-9.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00025 MHz	-25.14 dBm	-12.14 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.46 dBm	-19.46 dB

Date: 22.MAY.2016 00:15:49

Lowest Band Edge / Full RB

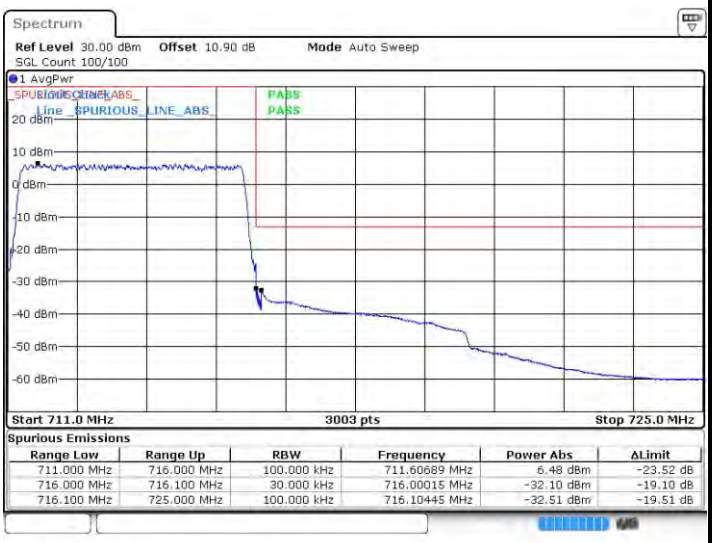


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-29.54 dBm	-16.54 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99376 MHz	-30.10 dBm	-17.10 dB
704.000 MHz	709.000 MHz	100.000 kHz	706.45504 MHz	6.76 dBm	-23.24 dB

Date: 22.MAY.2016 00:06:43

Highest Band Edge / Full RB



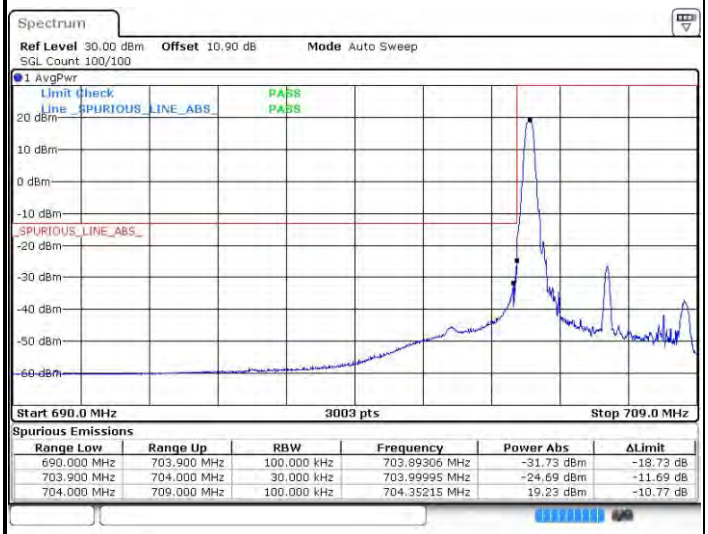
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.60689 MHz	6.48 dBm	-23.52 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-32.10 dBm	-19.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.51 dBm	-19.51 dB

Date: 22.MAY.2016 00:19:54

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

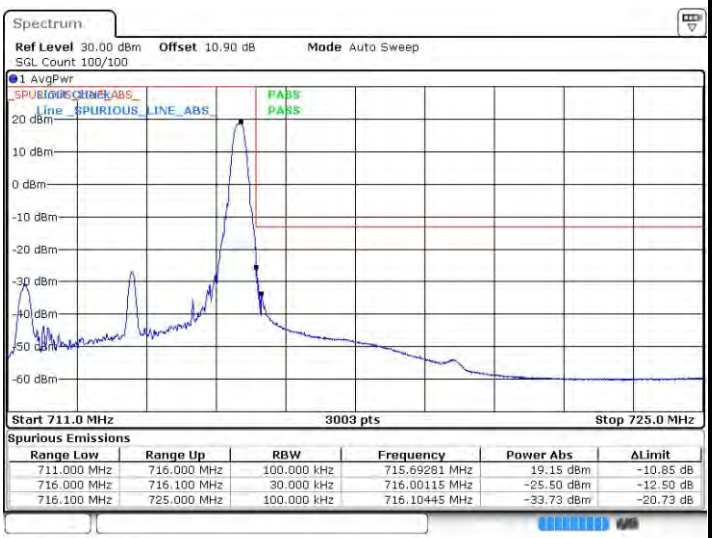


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.73 dBm	-18.73 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-24.69 dBm	-11.69 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35215 MHz	19.23 dBm	-10.77 dB

Date: 22.MAY.2016 00:04:41

Highest Band Edge / 1 RB

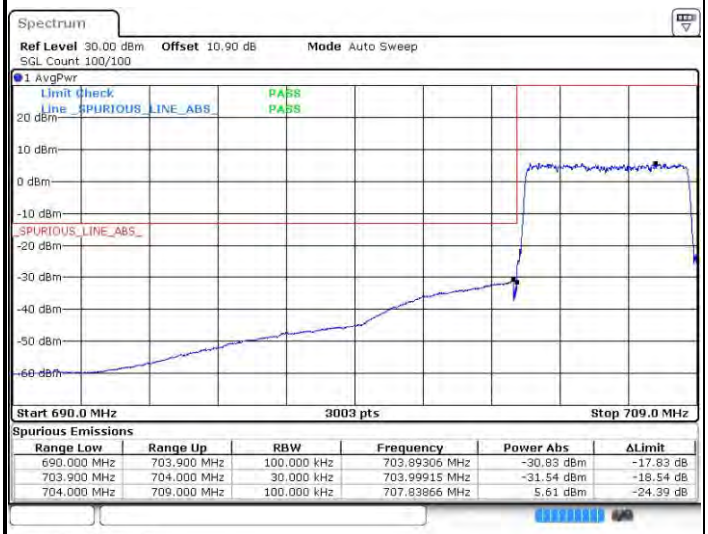


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	19.15 dBm	-10.85 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-25.50 dBm	-12.50 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.73 dBm	-20.73 dB

Date: 22.MAY.2016 00:17:51

Lowest Band Edge / Full RB

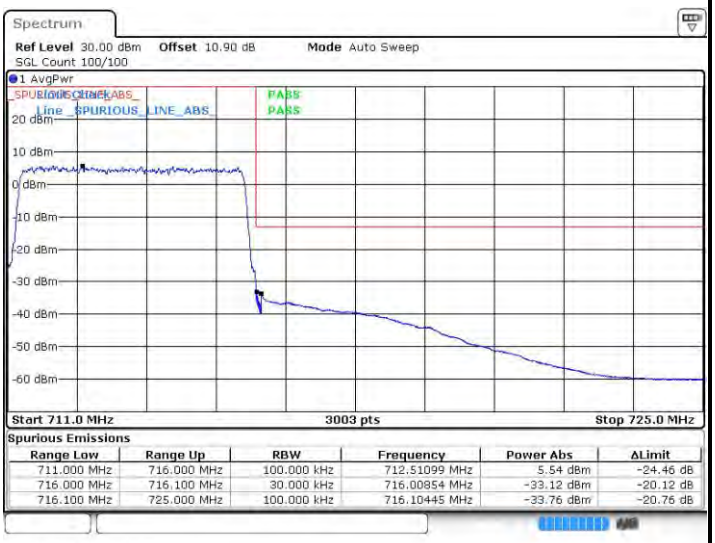


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-30.83 dBm	-17.83 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99915 MHz	-31.54 dBm	-18.54 dB
704.000 MHz	709.000 MHz	100.000 kHz	707.83866 MHz	5.61 dBm	-24.39 dB

Date: 22.MAY.2016 00:08:45

Highest Band Edge / Full RB



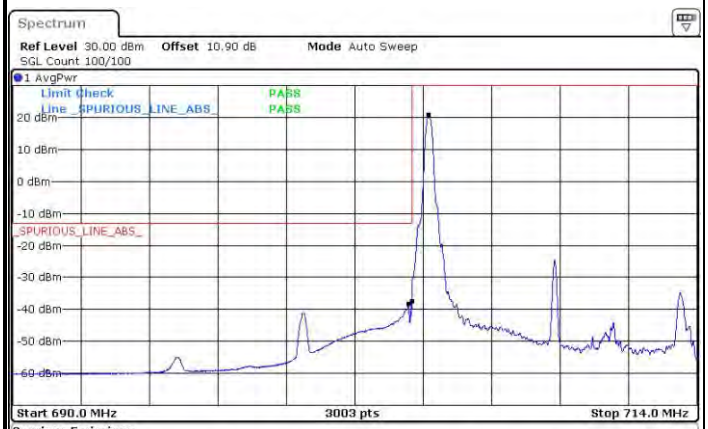
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.51099 MHz	5.54 dBm	-24.46 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00854 MHz	-33.12 dBm	-20.12 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.76 dBm	-20.76 dB

Date: 22.MAY.2016 00:21:56

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

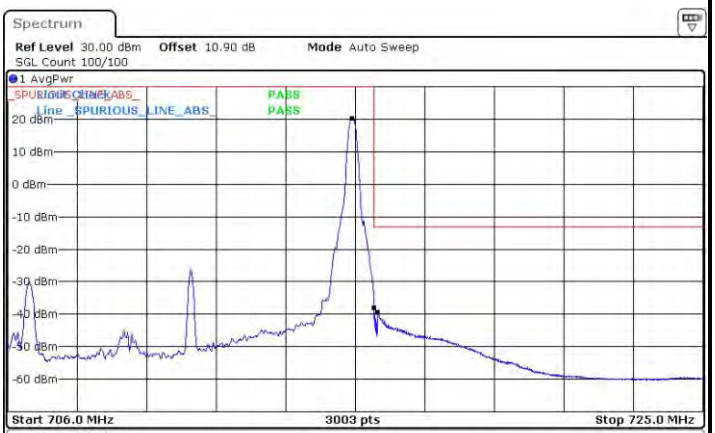


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.23 dBm	-25.23 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99905 MHz	-37.39 dBm	-24.39 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.59441 MHz	20.71 dBm	-9.29 dB

Date: 22.MAY.2016 00:26:30

Highest Band Edge / 1 RB

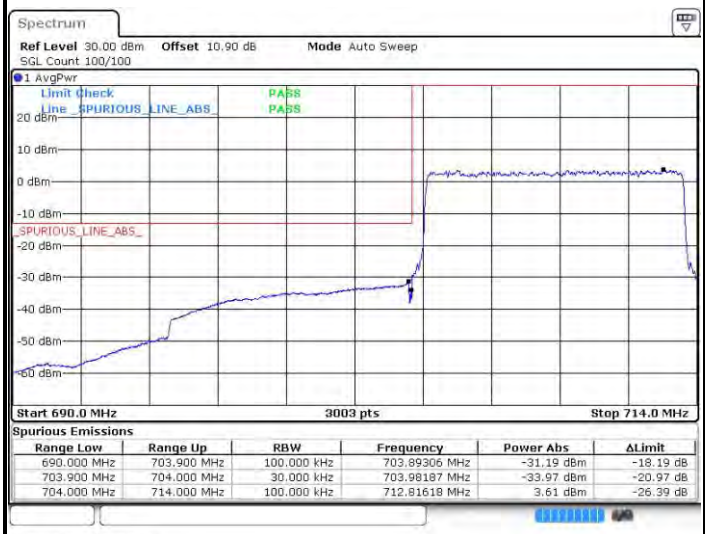


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	20.35 dBm	-9.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-37.90 dBm	-24.90 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.49 dBm	-26.49 dB

Date: 22.MAY.2016 00:58:39

Lowest Band Edge / Full RB

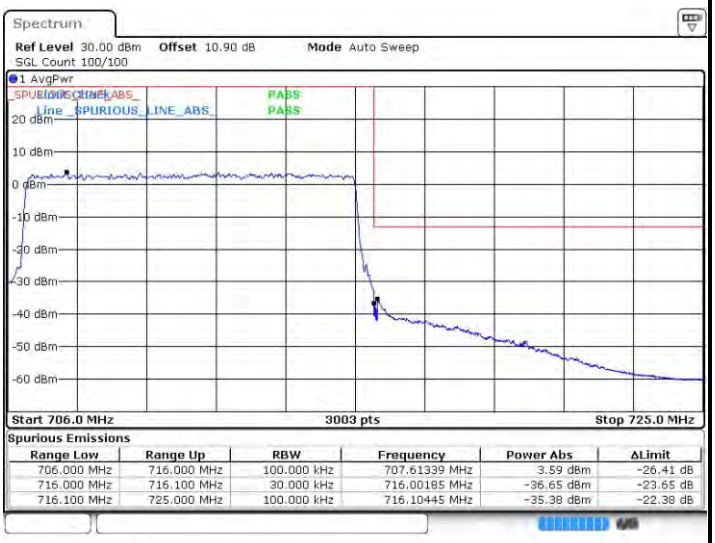


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.19 dBm	-18.19 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98187 MHz	-33.97 dBm	-20.97 dB
704.000 MHz	714.000 MHz	100.000 kHz	712.81618 MHz	3.61 dBm	-26.39 dB

Date: 22.MAY.2016 00:30:34

Highest Band Edge / Full RB



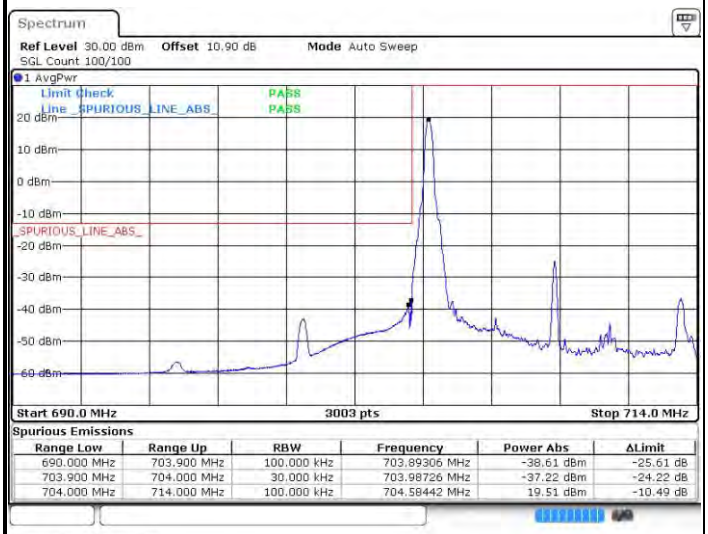
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.61339 MHz	3.59 dBm	-26.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00185 MHz	-36.65 dBm	-23.65 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.38 dBm	-22.38 dB

Date: 22.MAY.2016 01:02:43

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

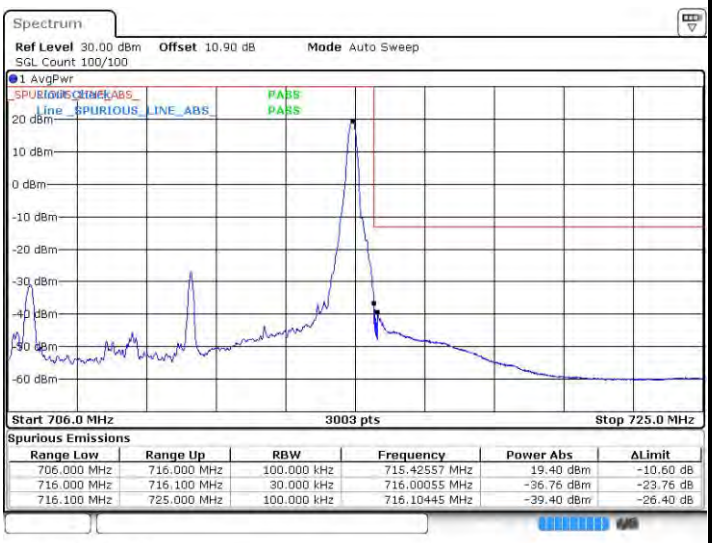


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.61 dBm	-25.61 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98726 MHz	-37.22 dBm	-24.22 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.58442 MHz	19.51 dBm	-10.49 dB

Date: 22.MAY.2016 00:28:32

Highest Band Edge / 1 RB

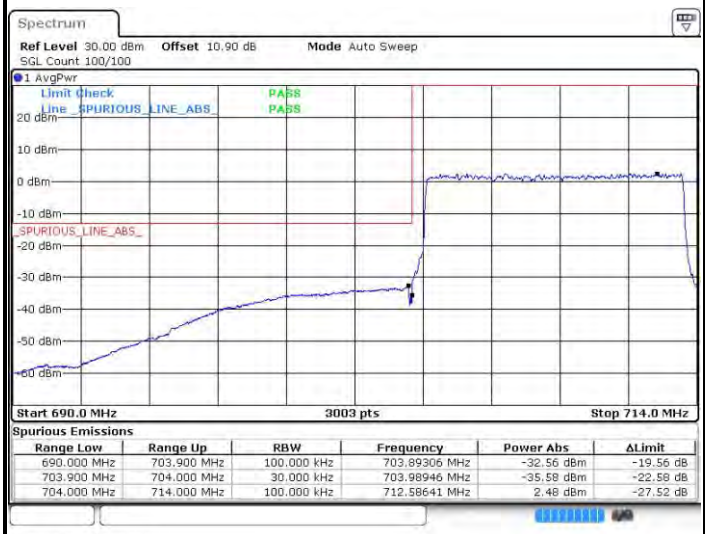


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	19.40 dBm	-10.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-36.76 dBm	-23.76 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.40 dBm	-26.40 dB

Date: 22.MAY.2016 01:00:41

Lowest Band Edge / Full RB

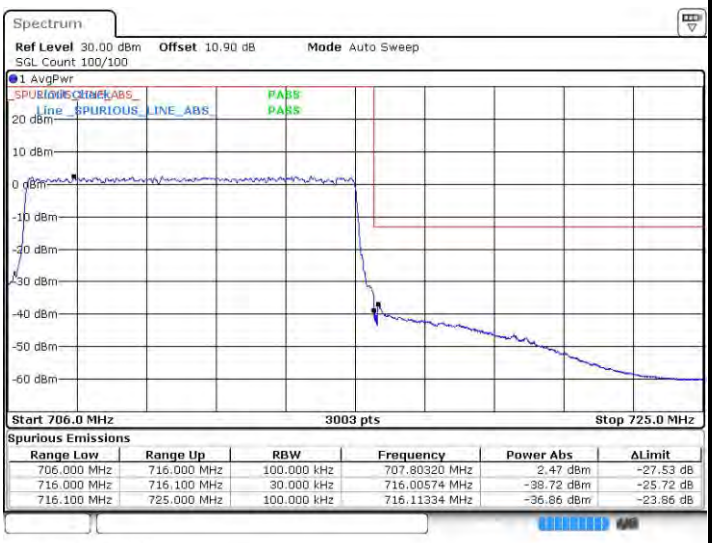


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.56 dBm	-19.56 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98946 MHz	-35.58 dBm	-22.58 dB
704.000 MHz	714.000 MHz	100.000 kHz	712.58641 MHz	2.48 dBm	-27.52 dB

Date: 22.MAY.2016 00:32:37

Highest Band Edge / Full RB



Spurious Emissions

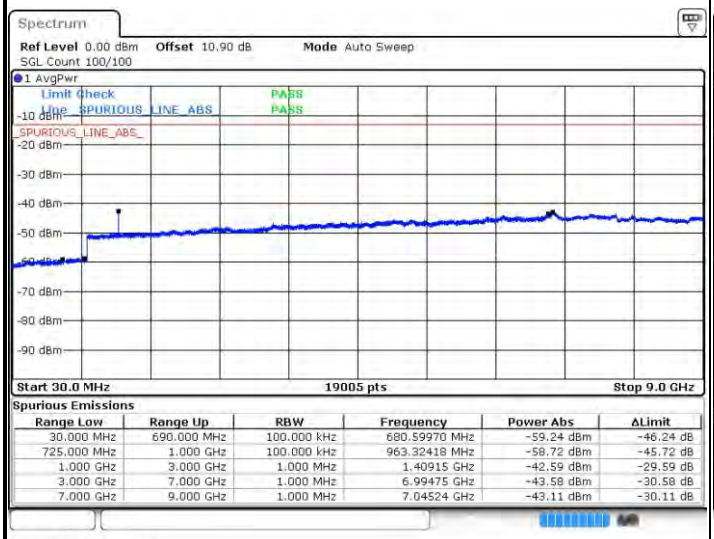
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.80320 MHz	2.47 dBm	-27.53 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00574 MHz	-38.72 dBm	-25.72 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.86 dBm	-23.86 dB

Date: 22.MAY.2016 01:04:46

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

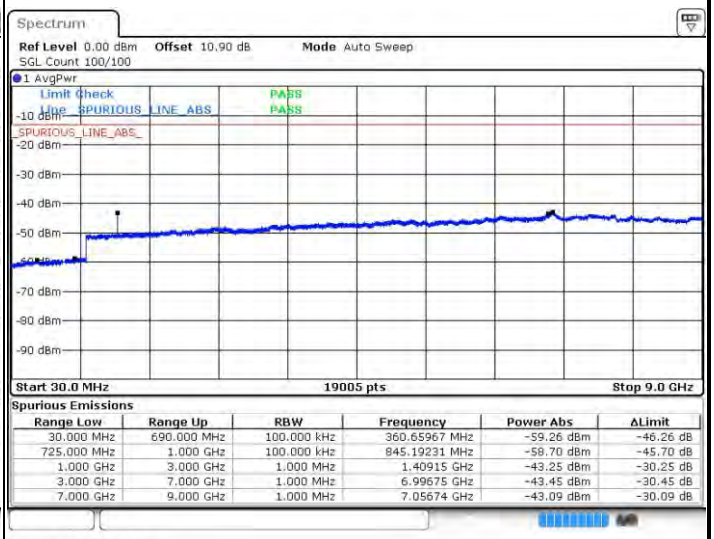


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-59.24 dBm	-46.24 dB
725.000 MHz	1.000 GHz	100.000 kHz	963.32418 MHz	-58.72 dBm	-45.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-42.59 dBm	-29.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-43.58 dBm	-30.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04524 GHz	-43.11 dBm	-30.11 dB

Date: 22.MAY.2016 00:09:40

Lowest Channel / 16QAM

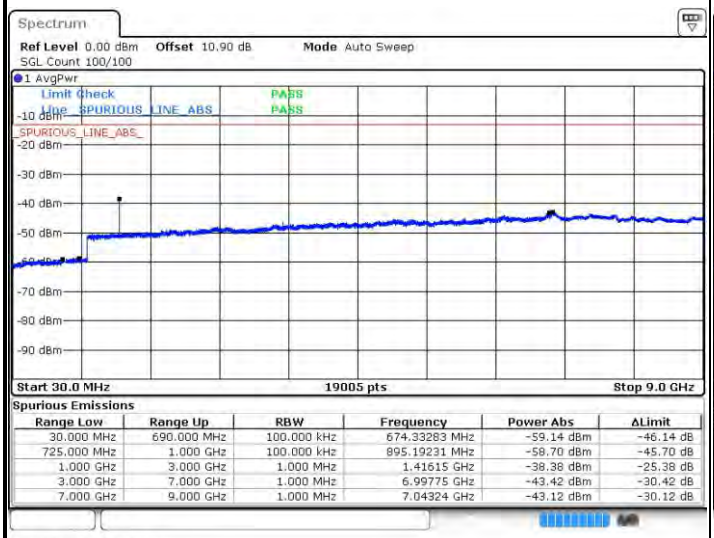


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	360.65967 MHz	-59.26 dBm	-46.26 dB
725.000 MHz	1.000 GHz	100.000 kHz	845.19231 MHz	-58.70 dBm	-45.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-43.25 dBm	-30.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-43.45 dBm	-30.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05674 GHz	-43.09 dBm	-30.09 dB

Date: 22.MAY.2016 00:10:34

Middle Channel / QPSK

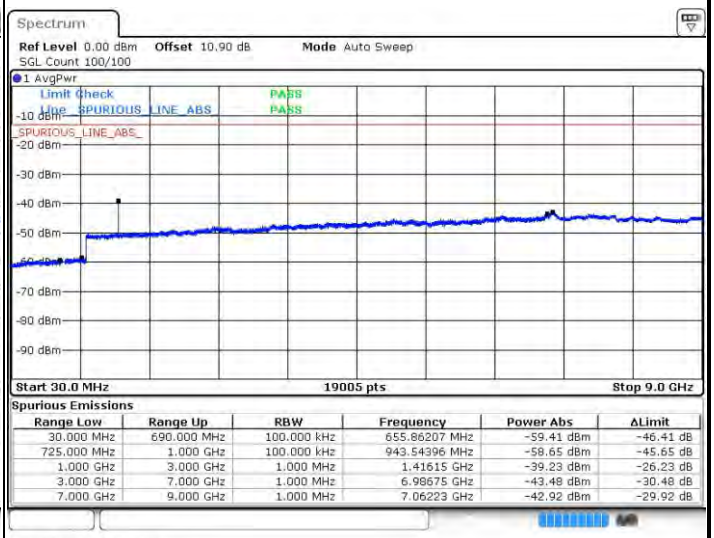


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.33283 MHz	-59.14 dBm	-46.14 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.19231 MHz	-58.70 dBm	-45.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-38.38 dBm	-25.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-43.42 dBm	-30.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04324 GHz	-43.12 dBm	-30.12 dB

Date: 22.MAY.2016 00:12:11

Middle Channel / 16QAM



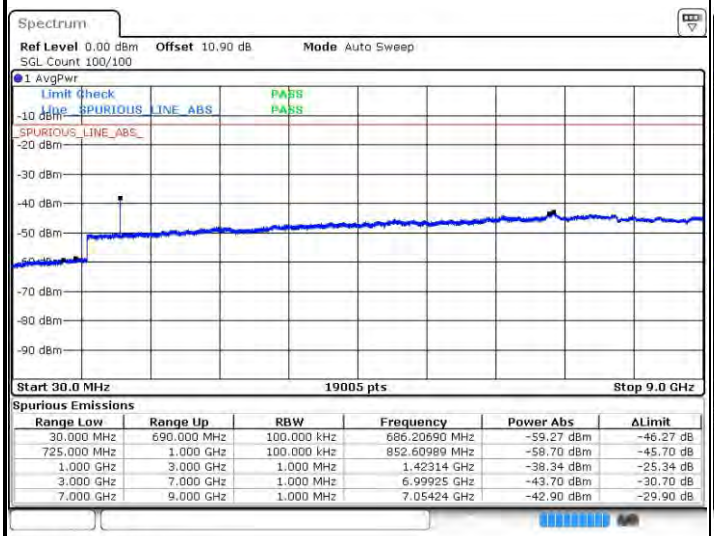
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	655.86207 MHz	-59.41 dBm	-46.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	943.54396 MHz	-58.65 dBm	-45.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-39.23 dBm	-26.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-43.48 dBm	-30.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06223 GHz	-42.92 dBm	-29.92 dB

Date: 22.MAY.2016 00:13:05

LTE Band 17 / 5MHz

Highest Channel / QPSK

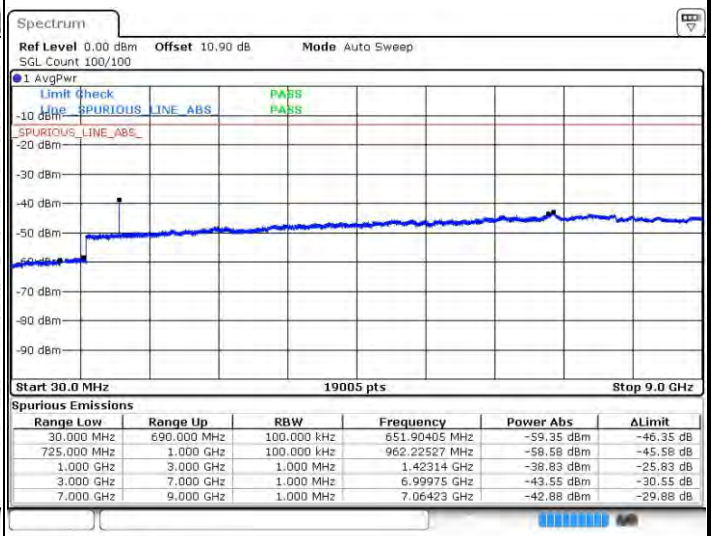


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-59.27 dBm	-46.27 dB
725.000 MHz	1.000 GHz	100.000 kHz	852.60989 MHz	-58.70 dBm	-45.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-38.34 dBm	-25.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-43.70 dBm	-30.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05424 GHz	-42.90 dBm	-29.90 dB

Date: 22.MAY.2016 00:22:51

Highest Channel / 16QAM



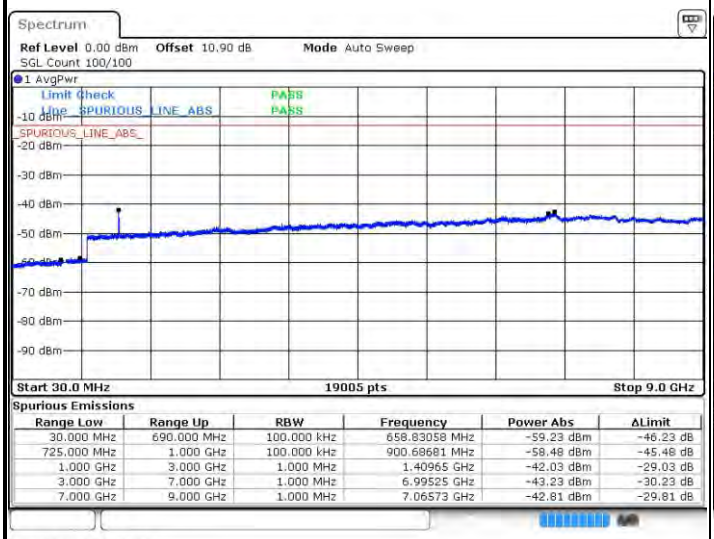
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	651.90405 MHz	-59.35 dBm	-46.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.22527 MHz	-58.58 dBm	-45.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-38.83 dBm	-25.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-43.55 dBm	-30.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06423 GHz	-42.88 dBm	-29.88 dB

Date: 22.MAY.2016 00:23:45

LTE Band 17 / 10MHz

Lowest Channel / QPSK

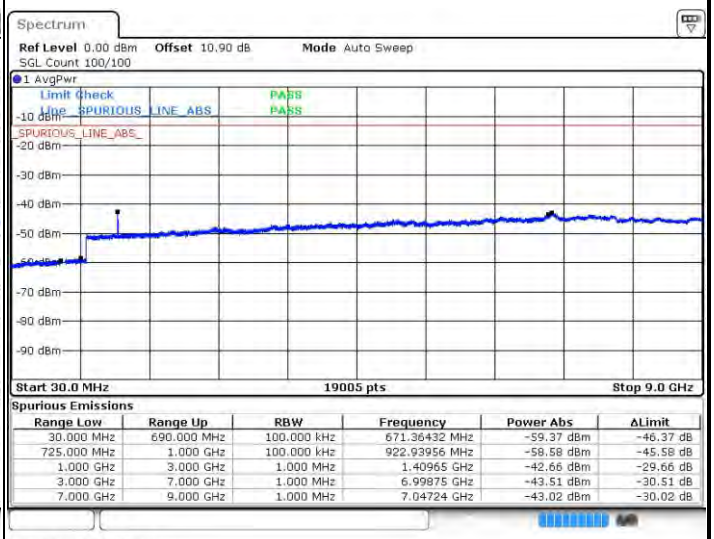


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	658.83058 MHz	-59.23 dBm	-46.23 dB
725.000 MHz	1.000 GHz	100.000 kHz	900.68681 MHz	-58.48 dBm	-45.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-42.03 dBm	-29.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.23 dBm	-30.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06573 GHz	-42.81 dBm	-29.81 dB

Date: 22.MAY.2016 00:33:32

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.36432 MHz	-59.37 dBm	-46.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	922.93956 MHz	-58.58 dBm	-45.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-42.66 dBm	-29.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.51 dBm	-30.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04724 GHz	-43.02 dBm	-30.02 dB

Date: 22.MAY.2016 00:34:26