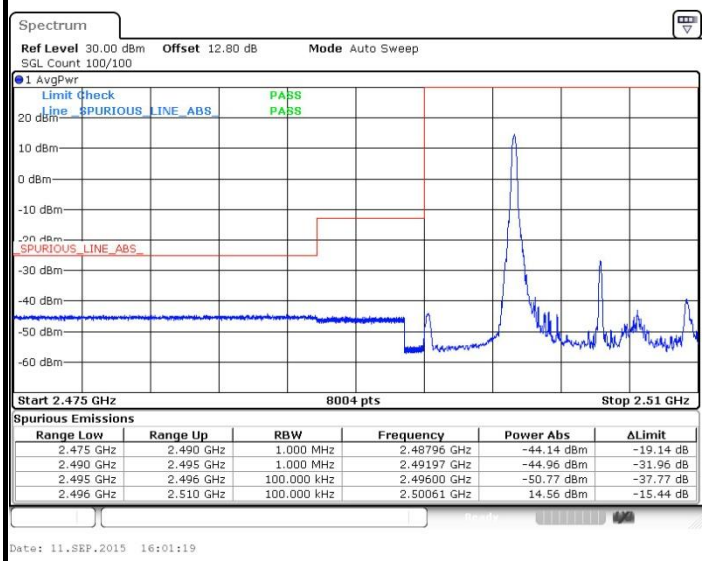
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

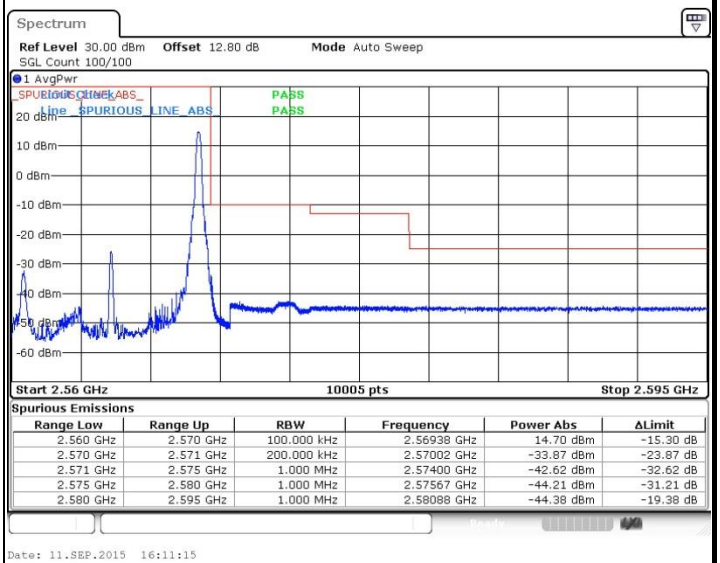


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48796 GHz	-44.14 dBm	-19.14 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49197 GHz	-44.96 dBm	-31.96 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-50.77 dBm	-37.77 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50061 GHz	14.56 dBm	-15.44 dB

Date: 11.SEP.2015 16:01:19

Highest Band Edge / 1 RB

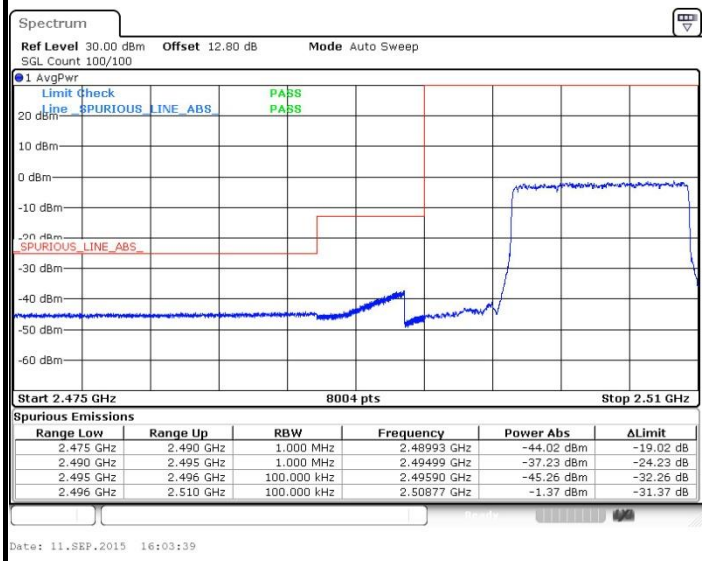


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56938 GHz	14.70 dBm	-15.30 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-33.87 dBm	-23.87 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57400 GHz	-42.62 dBm	-32.62 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57567 GHz	-44.21 dBm	-31.21 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58088 GHz	-44.38 dBm	-19.38 dB

Date: 11.SEP.2015 16:11:15

Lowest Band Edge / Full RB

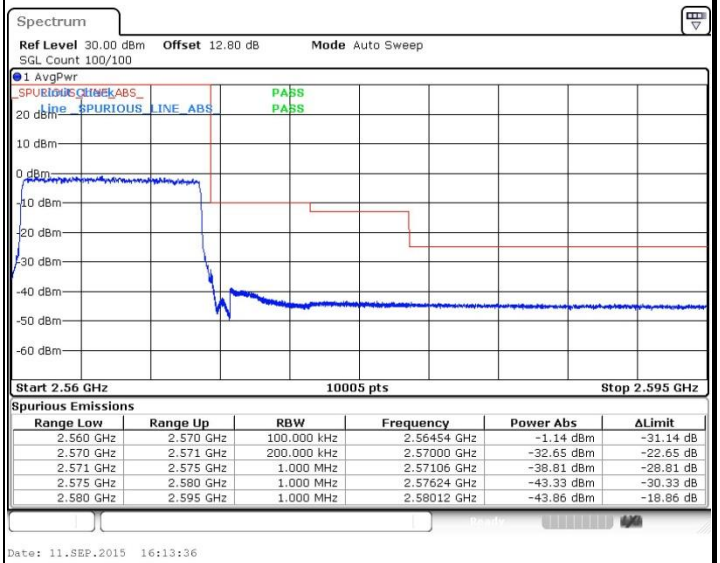


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48993 GHz	-44.02 dBm	-19.02 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-37.23 dBm	-24.23 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-45.26 dBm	-32.26 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50877 GHz	-1.37 dBm	-31.37 dB

Date: 11.SEP.2015 16:03:39

Highest Band Edge / Full RB



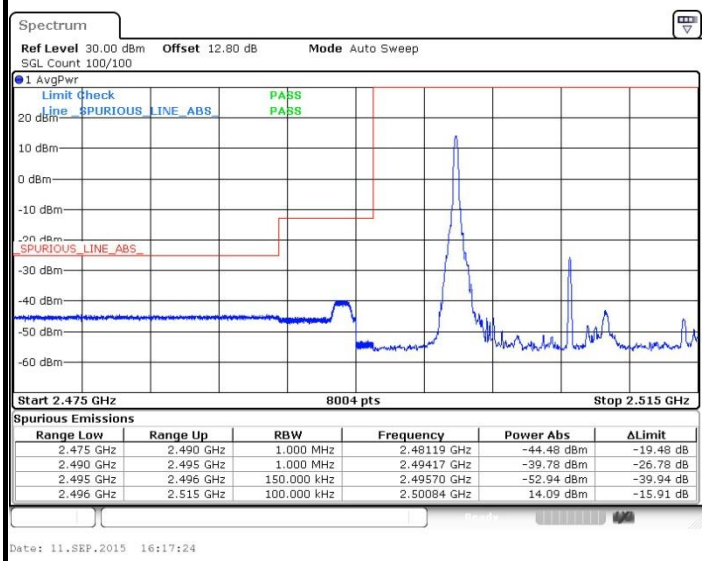
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56454 GHz	-1.14 dBm	-31.14 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-32.65 dBm	-22.65 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-38.81 dBm	-28.81 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57624 GHz	-43.33 dBm	-30.33 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58012 GHz	-43.86 dBm	-18.86 dB

Date: 11.SEP.2015 16:13:36

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

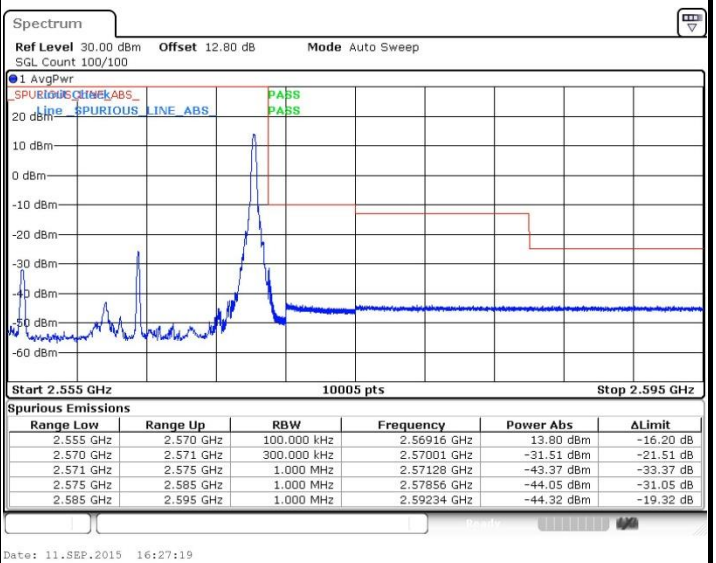


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48119 GHz	-44.48 dBm	-19.48 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49417 GHz	-39.78 dBm	-26.78 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49570 GHz	-52.94 dBm	-39.94 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	14.09 dBm	-15.91 dB

Date: 11.SEP.2015 16:17:24

Highest Band Edge / 1 RB

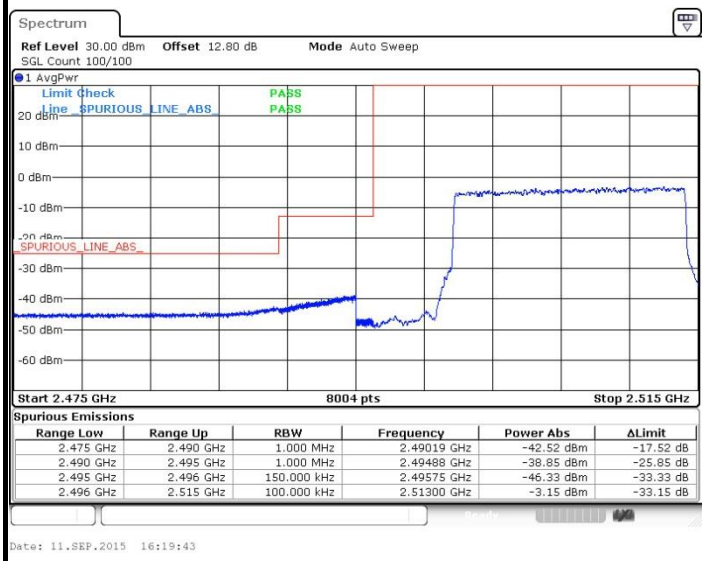


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	13.80 dBm	-16.20 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-31.51 dBm	-21.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-43.37 dBm	-33.37 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57856 GHz	-44.05 dBm	-31.05 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59234 GHz	-44.32 dBm	-19.32 dB

Date: 11.SEP.2015 16:27:19

Lowest Band Edge / Full RB

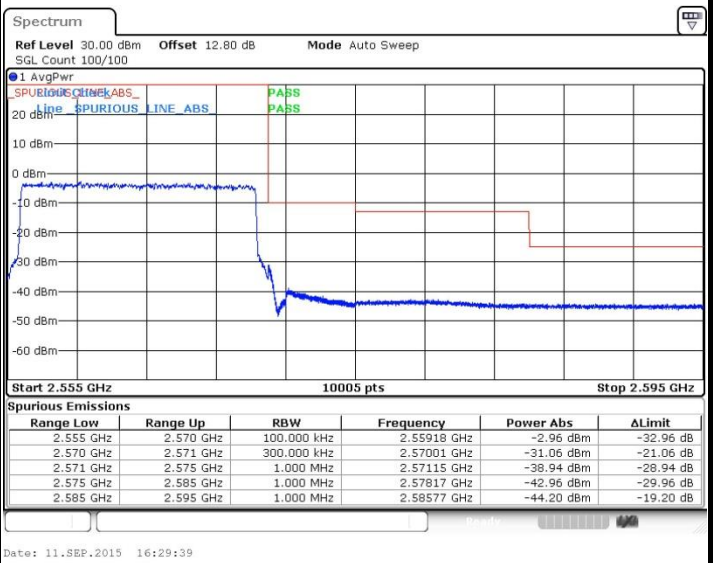


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49019 GHz	-42.52 dBm	-17.52 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-38.85 dBm	-25.85 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49575 GHz	-46.33 dBm	-33.33 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51300 GHz	-3.15 dBm	-33.15 dB

Date: 11.SEP.2015 16:19:43

Highest Band Edge / Full RB



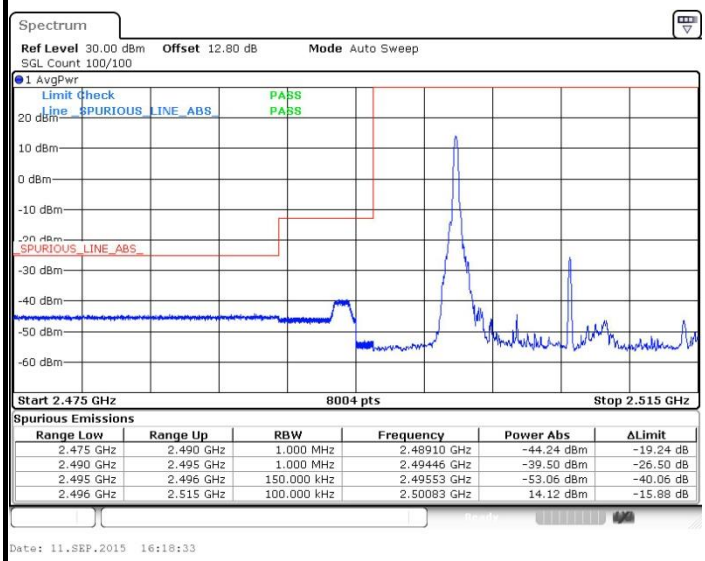
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55918 GHz	-2.96 dBm	-32.96 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-31.06 dBm	-21.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-38.94 dBm	-28.94 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57817 GHz	-42.96 dBm	-29.96 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58577 GHz	-44.20 dBm	-19.20 dB

Date: 11.SEP.2015 16:29:39

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

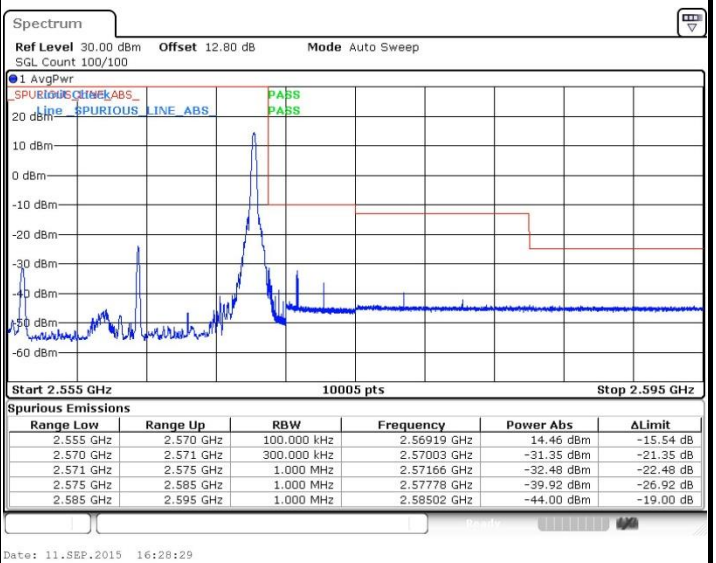


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48910 GHz	-44.24 dBm	-19.24 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49446 GHz	-39.50 dBm	-26.50 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49553 GHz	-53.06 dBm	-40.06 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50083 GHz	14.12 dBm	-15.88 dB

Date: 11.SEP.2015 16:18:33

Highest Band Edge / 1 RB

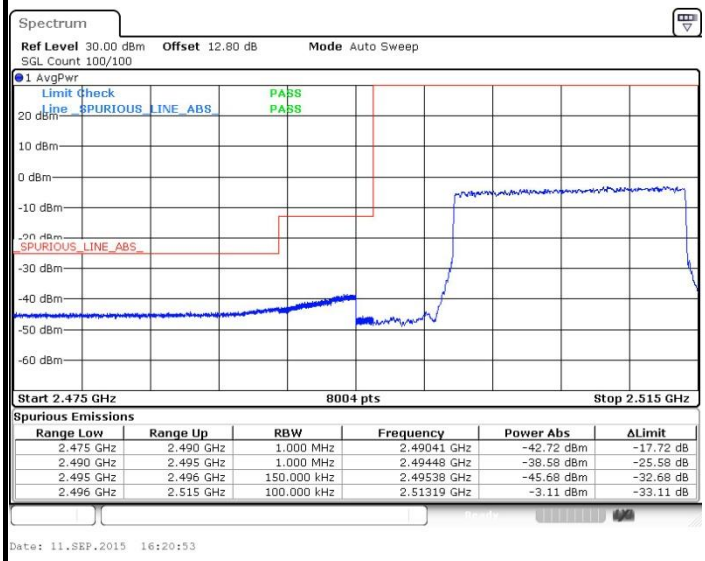


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	14.46 dBm	-15.54 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-31.35 dBm	-21.35 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57166 GHz	-32.48 dBm	-22.48 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57778 GHz	-39.92 dBm	-26.92 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-44.00 dBm	-19.00 dB

Date: 11.SEP.2015 16:28:29

Lowest Band Edge / Full RB

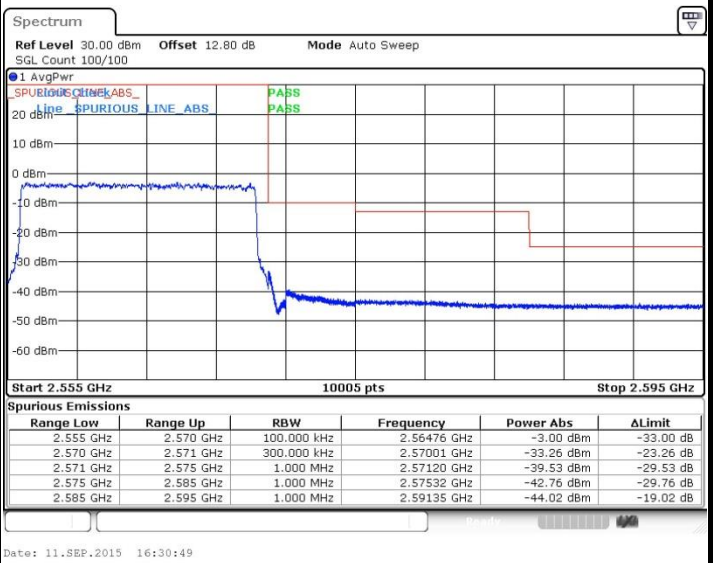


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-42.72 dBm	-17.72 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49448 GHz	-38.58 dBm	-25.58 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49538 GHz	-45.68 dBm	-32.68 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51319 GHz	-3.11 dBm	-33.11 dB

Date: 11.SEP.2015 16:20:53

Highest Band Edge / Full RB



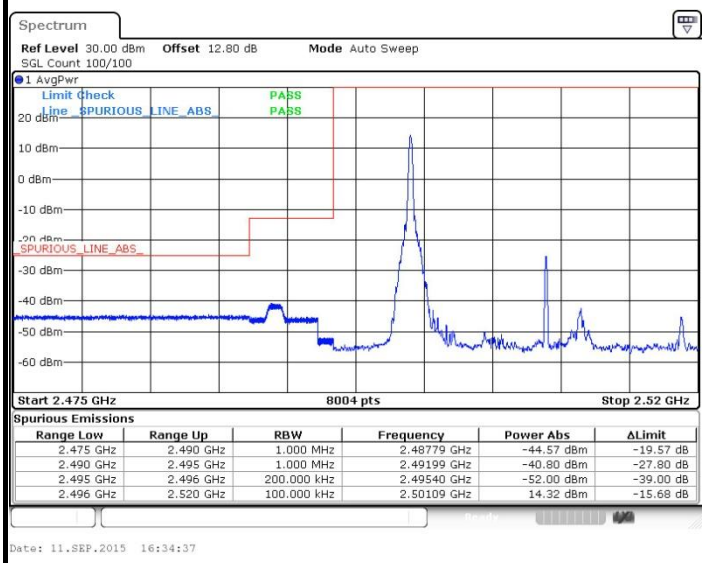
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56476 GHz	-3.00 dBm	-33.00 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-33.26 dBm	-23.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-39.53 dBm	-29.53 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57532 GHz	-42.76 dBm	-29.76 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59135 GHz	-44.02 dBm	-19.02 dB

Date: 11.SEP.2015 16:30:49

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

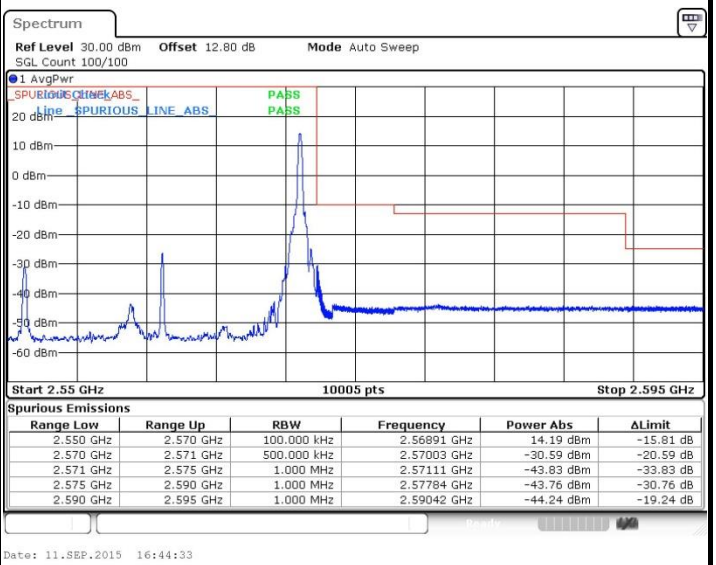


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48779 GHz	-44.57 dBm	-19.57 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49199 GHz	-40.80 dBm	-27.80 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49540 GHz	-52.00 dBm	-39.00 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	14.32 dBm	-15.68 dB

Date: 11.SEP.2015 16:34:37

Highest Band Edge / 1 RB

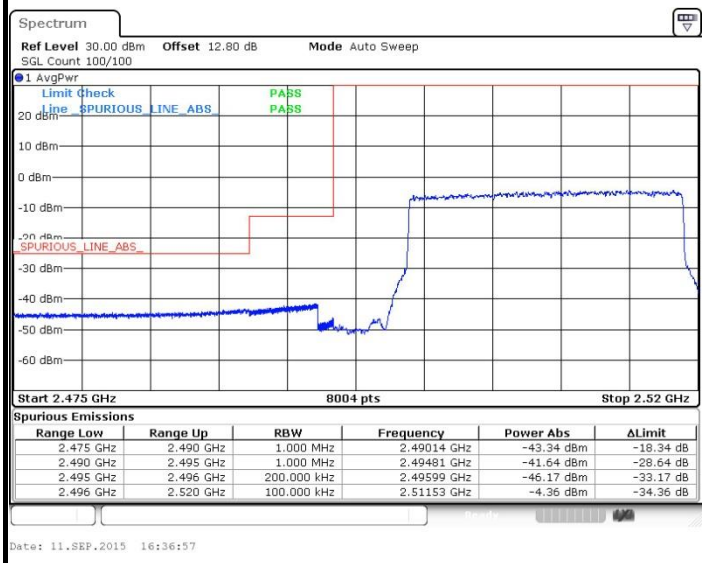


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	14.19 dBm	-15.81 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-30.59 dBm	-20.59 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-43.83 dBm	-33.83 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57784 GHz	-43.76 dBm	-30.76 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59042 GHz	-44.24 dBm	-19.24 dB

Date: 11.SEP.2015 16:44:33

Lowest Band Edge / Full RB

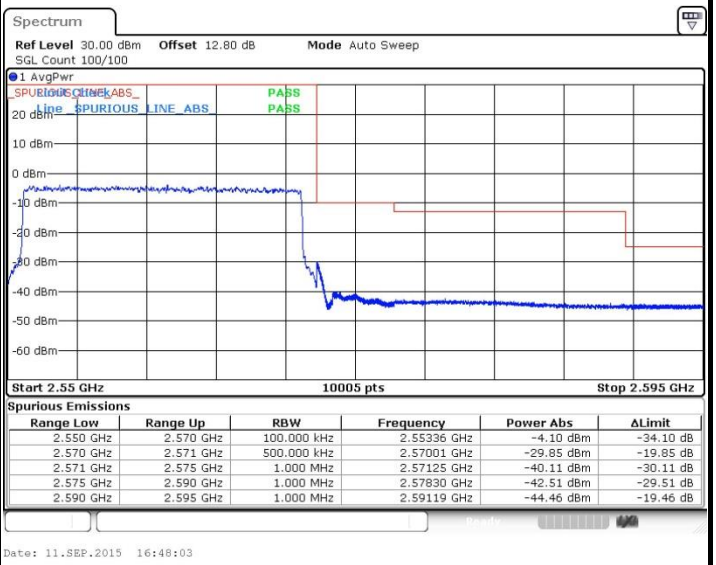


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49014 GHz	-43.34 dBm	-18.34 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49481 GHz	-41.64 dBm	-28.64 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-46.17 dBm	-33.17 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51153 GHz	-4.36 dBm	-34.36 dB

Date: 11.SEP.2015 16:36:57

Highest Band Edge / Full RB



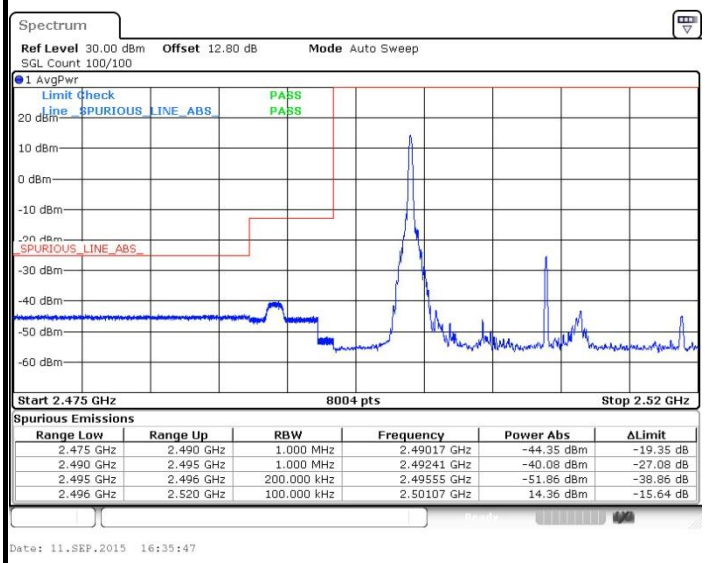
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55336 GHz	-4.10 dBm	-34.10 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-29.85 dBm	-19.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57125 GHz	-40.11 dBm	-30.11 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57830 GHz	-42.51 dBm	-29.51 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59119 GHz	-44.46 dBm	-19.46 dB

Date: 11.SEP.2015 16:48:03

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

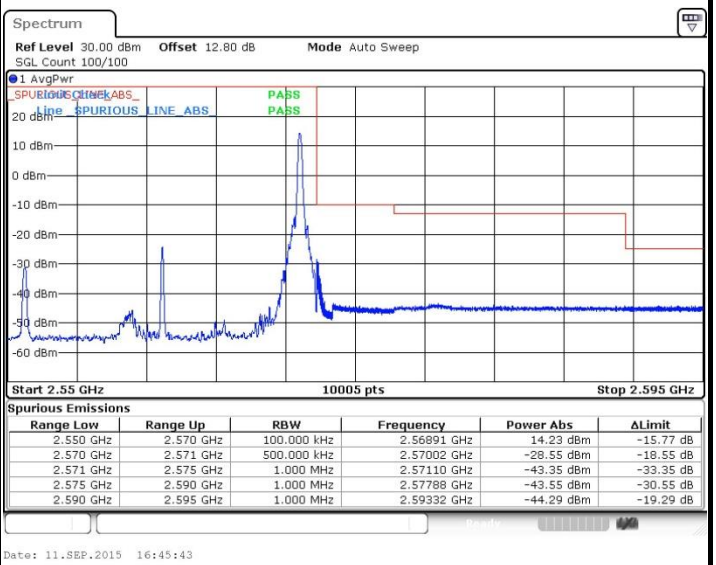


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49017 GHz	-44.35 dBm	-19.35 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49241 GHz	-40.08 dBm	-27.08 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49555 GHz	-51.86 dBm	-38.86 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50107 GHz	14.36 dBm	-15.64 dB

Date: 11.SEP.2015 16:35:47

Highest Band Edge / 1RB

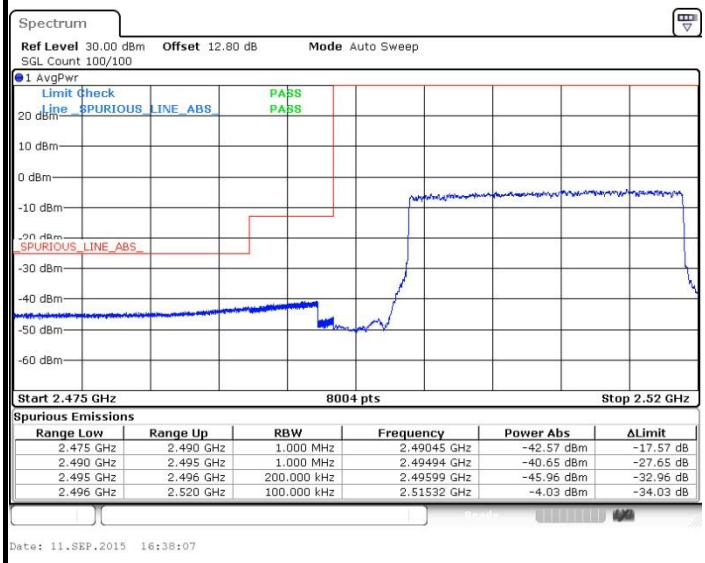


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56891 GHz	14.23 dBm	-15.77 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-28.55 dBm	-18.55 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-43.35 dBm	-33.35 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57788 GHz	-43.55 dBm	-30.55 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59332 GHz	-44.29 dBm	-19.29 dB

Date: 11.SEP.2015 16:45:43

Lowest Band Edge / Full RB

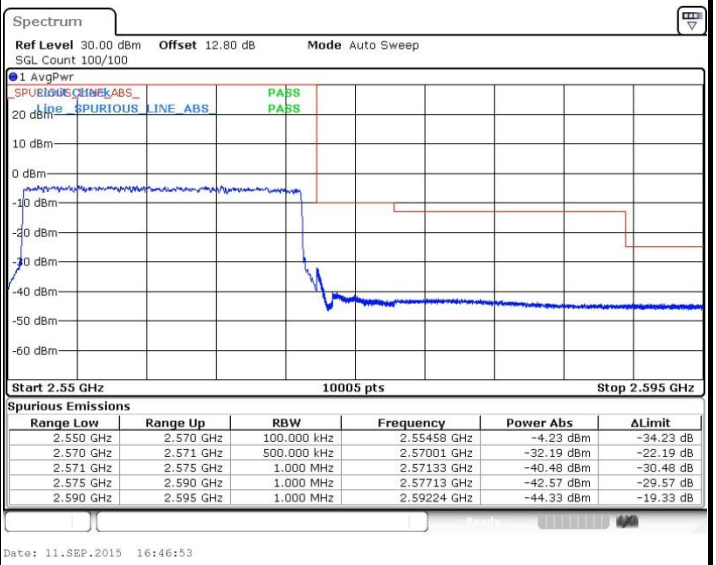


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-42.57 dBm	-17.57 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-40.65 dBm	-27.65 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49599 GHz	-45.96 dBm	-32.96 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51532 GHz	-4.03 dBm	-34.03 dB

Date: 11.SEP.2015 16:38:07

Highest Band Edge / Full RB



Spurious Emissions

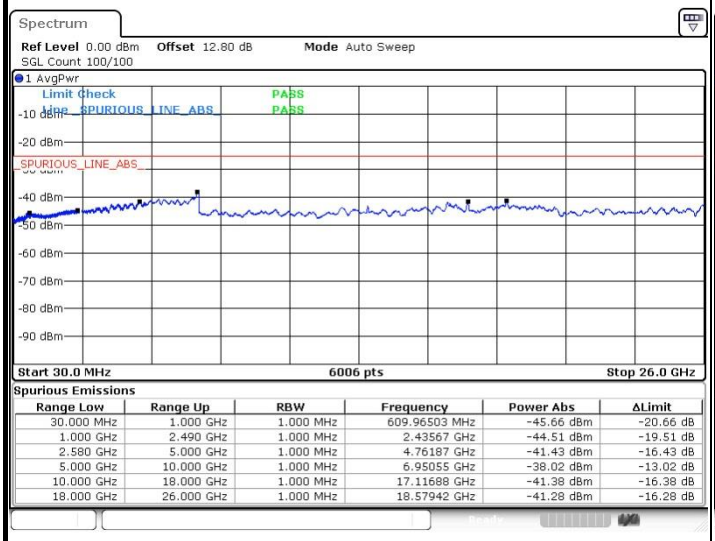
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55458 GHz	-4.23 dBm	-34.23 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-32.19 dBm	-22.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57133 GHz	-40.48 dBm	-30.48 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57713 GHz	-42.57 dBm	-29.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59224 GHz	-44.33 dBm	-19.33 dB

Date: 11.SEP.2015 16:46:53

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

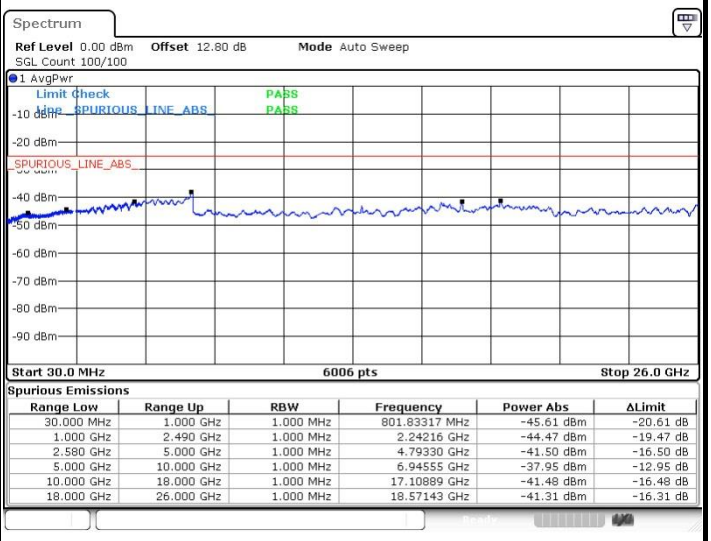


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	609.96503 MHz	-45.66 dBm	-20.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43567 GHz	-44.51 dBm	-19.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76187 GHz	-41.43 dBm	-16.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-38.02 dBm	-13.02 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.38 dBm	-16.38 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-41.28 dBm	-16.28 dB

Date: 11.SEP.2015 15:47:21

Lowest Channel / 16QAM

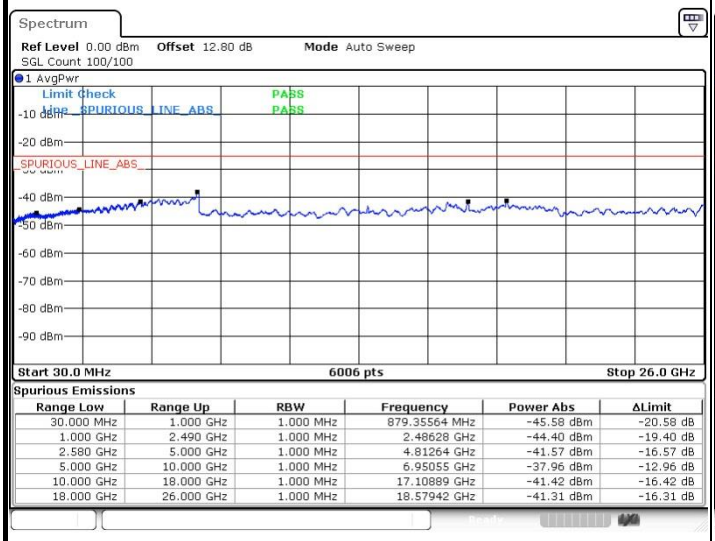


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	801.83317 MHz	-45.61 dBm	-20.61 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24216 GHz	-44.47 dBm	-19.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-41.50 dBm	-16.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.95 dBm	-12.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.48 dBm	-16.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.31 dBm	-16.31 dB

Date: 11.SEP.2015 15:48:17

Middle Channel / QPSK

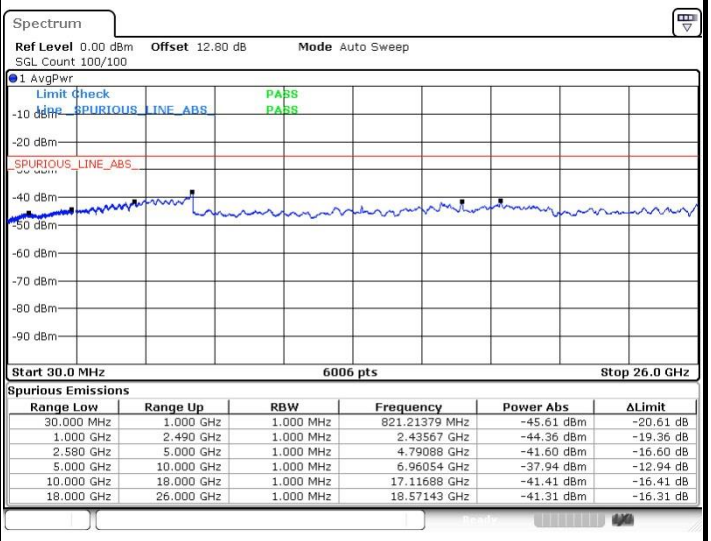


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.35564 MHz	-45.58 dBm	-20.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-44.40 dBm	-19.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81264 GHz	-41.57 dBm	-16.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.96 dBm	-12.96 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.42 dBm	-16.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-41.31 dBm	-16.31 dB

Date: 11.SEP.2015 15:50:00

Middle Channel / 16QAM



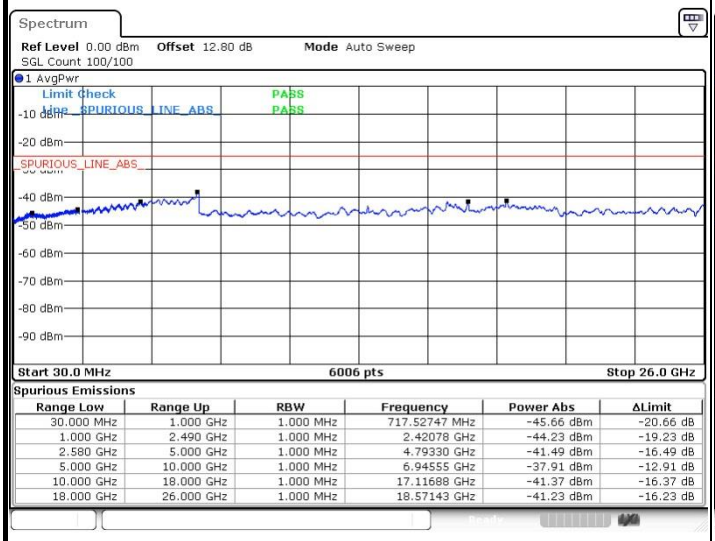
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	821.21379 MHz	-45.61 dBm	-20.61 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.43567 GHz	-44.36 dBm	-19.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79088 GHz	-41.60 dBm	-16.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.94 dBm	-12.94 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.41 dBm	-16.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.31 dBm	-16.31 dB

Date: 11.SEP.2015 15:50:55

LTE Band 7 / 5MHz

Highest Channel / QPSK

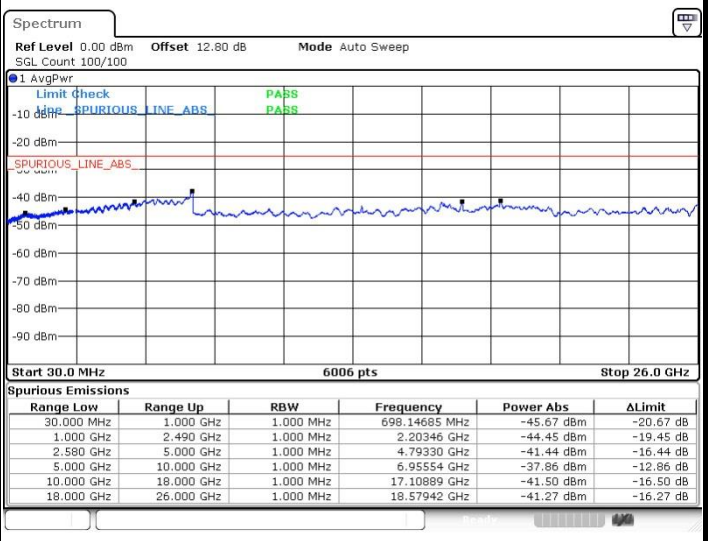


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	717.52747 MHz	-45.66 dBm	-20.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.42078 GHz	-44.23 dBm	-19.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-41.49 dBm	-16.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.91 dBm	-12.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.37 dBm	-16.37 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.23 dBm	-16.23 dB

Date: 11.SEP.2015 15:57:17

Highest Channel / 16QAM



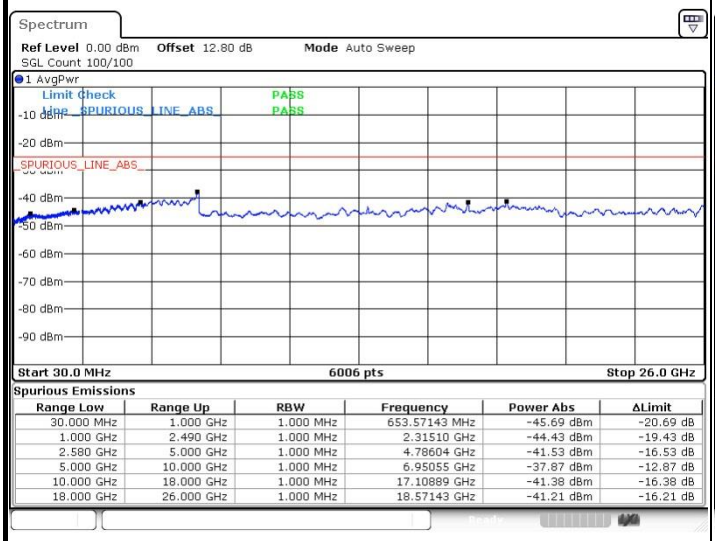
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	698.14685 MHz	-45.67 dBm	-20.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.20346 GHz	-44.45 dBm	-19.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-41.44 dBm	-16.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.86 dBm	-12.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.50 dBm	-16.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-41.27 dBm	-16.27 dB

Date: 11.SEP.2015 15:58:13

LTE Band 7 / 10MHz

Lowest Channel / QPSK

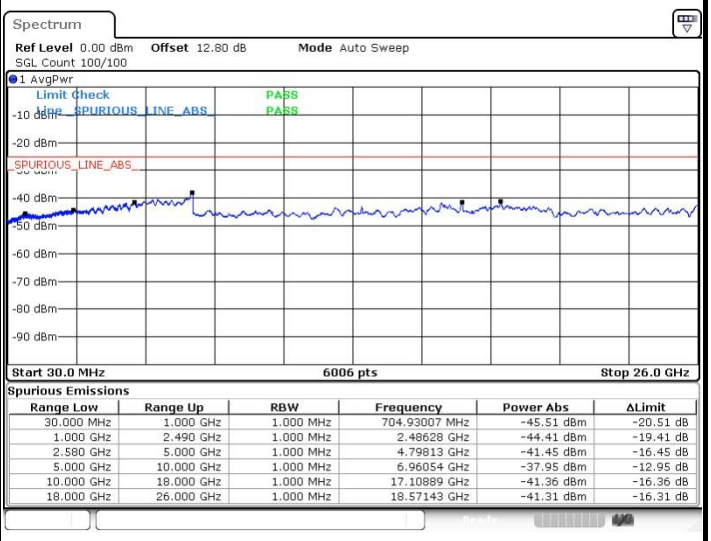


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	653.57143 MHz	-45.69 dBm	-20.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31510 GHz	-44.43 dBm	-19.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78604 GHz	-41.53 dBm	-16.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.87 dBm	-12.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.38 dBm	-16.38 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.21 dBm	-16.21 dB

Date: 11.SEP.2015 16:04:35

Lowest Channel / 16QAM



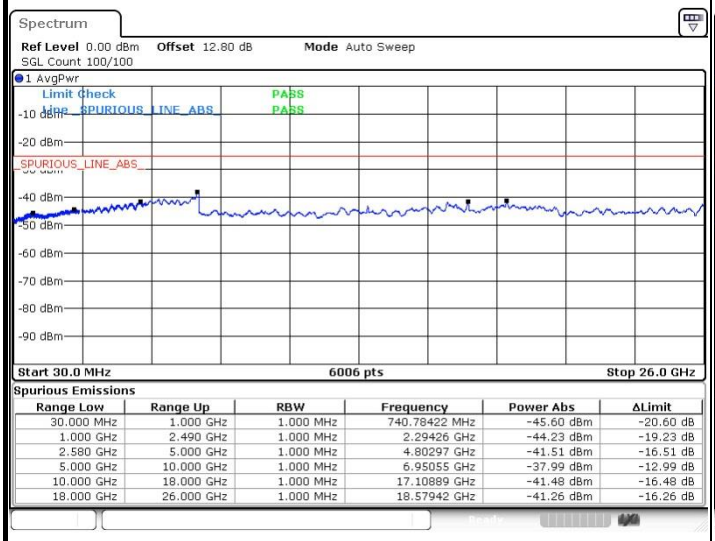
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	704.93007 MHz	-45.51 dBm	-20.51 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-44.41 dBm	-19.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-41.45 dBm	-16.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-37.95 dBm	-12.95 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.36 dBm	-16.36 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.31 dBm	-16.31 dB

Date: 11.SEP.2015 16:05:30

LTE Band 7 / 10MHz

Middle Channel / QPSK

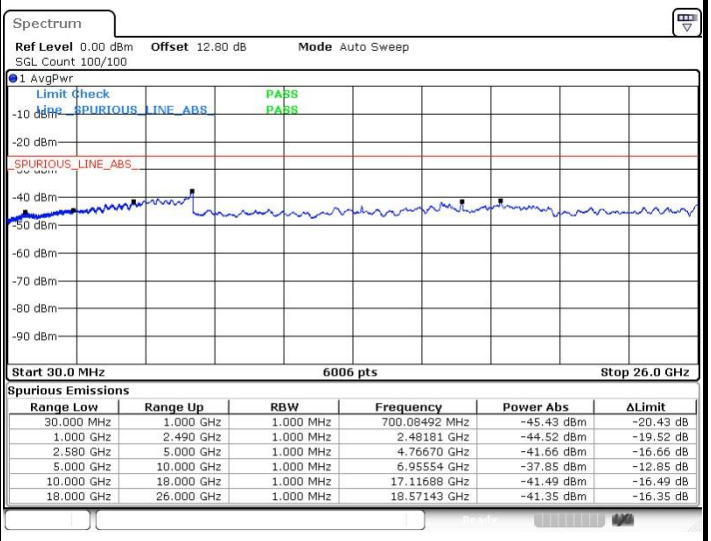


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	740.78422 MHz	-45.60 dBm	-20.60 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29426 GHz	-44.23 dBm	-19.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-41.51 dBm	-16.51 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.48 dBm	-16.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-41.26 dBm	-16.26 dB

Date: 11.SEP.2015 16:07:13

Middle Channel / 16QAM

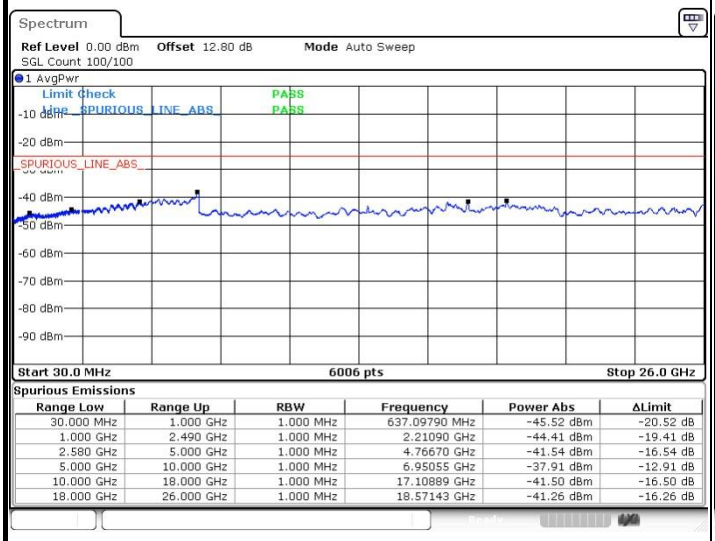


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	700.08492 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-44.52 dBm	-19.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76670 GHz	-41.66 dBm	-16.66 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.85 dBm	-12.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.49 dBm	-16.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.35 dBm	-16.35 dB

Date: 11.SEP.2015 16:08:08

Highest Channel / QPSK

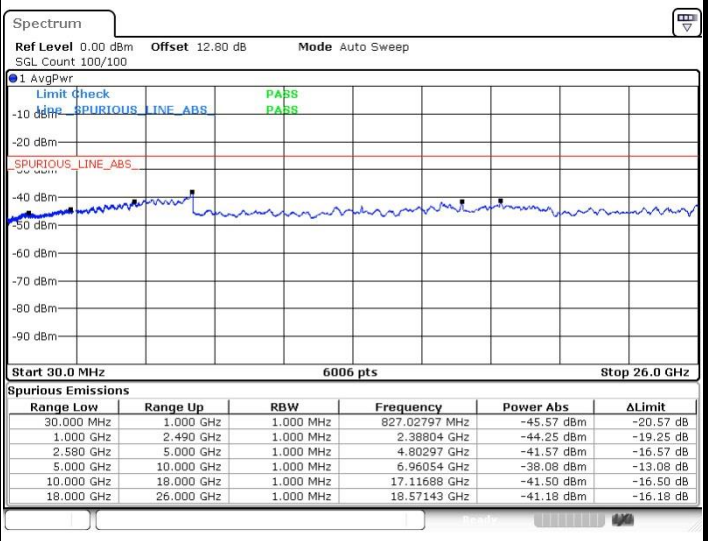


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	637.09790 MHz	-45.52 dBm	-20.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.21090 GHz	-44.41 dBm	-19.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76670 GHz	-41.54 dBm	-16.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.91 dBm	-12.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.50 dBm	-16.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.26 dBm	-16.26 dB

Date: 11.SEP.2015 16:14:31

Highest Channel / 16QAM



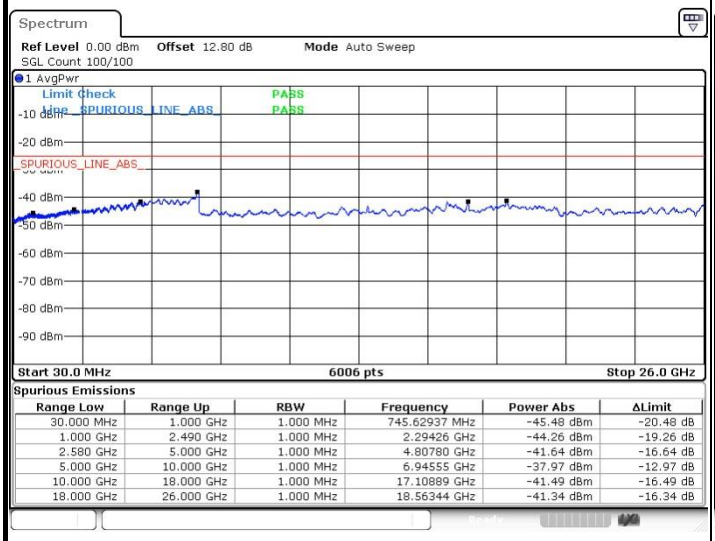
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.02797 MHz	-45.57 dBm	-20.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.38804 GHz	-44.25 dBm	-19.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-41.57 dBm	-16.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-38.08 dBm	-13.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.50 dBm	-16.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.18 dBm	-16.18 dB

Date: 11.SEP.2015 16:15:27

LTE Band 7 / 15MHz

Lowest Channel / QPSK

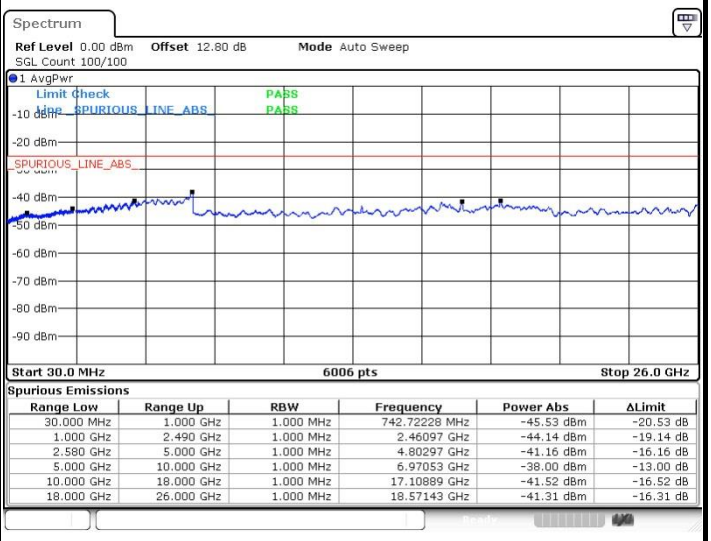


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	745.62937 MHz	-45.48 dBm	-20.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29426 GHz	-44.26 dBm	-19.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80780 GHz	-41.64 dBm	-16.64 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.97 dBm	-12.97 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.49 dBm	-16.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.34 dBm	-16.34 dB

Date: 11.SEP.2015 16:21:49

Lowest Channel / 16QAM

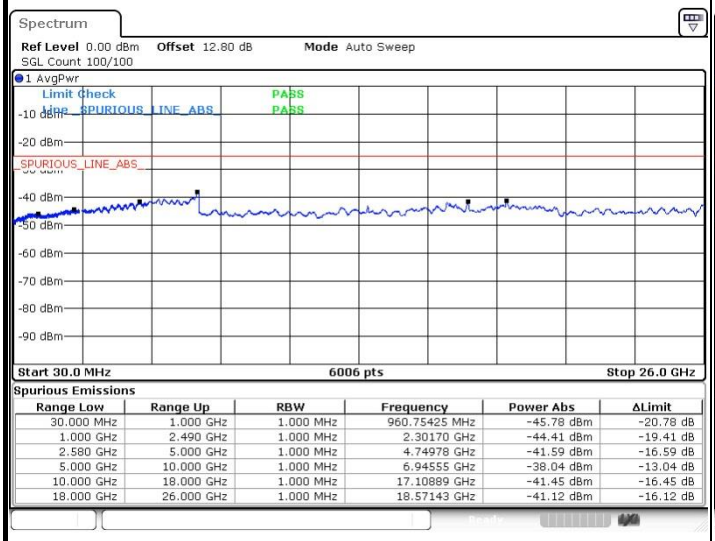


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	742.72228 MHz	-45.53 dBm	-20.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46097 GHz	-44.14 dBm	-19.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-41.16 dBm	-16.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97053 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.52 dBm	-16.52 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.31 dBm	-16.31 dB

Date: 11.SEP.2015 16:22:44

Middle Channel / QPSK

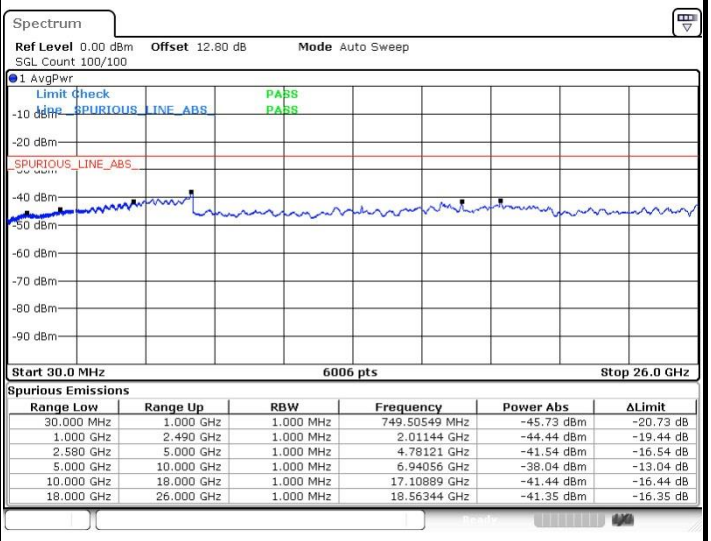


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.75425 MHz	-45.78 dBm	-20.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30170 GHz	-44.41 dBm	-19.41 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.74978 GHz	-41.59 dBm	-16.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-38.04 dBm	-13.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.45 dBm	-16.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.12 dBm	-16.12 dB

Date: 11.SEP.2015 16:24:27

Middle Channel / 16QAM



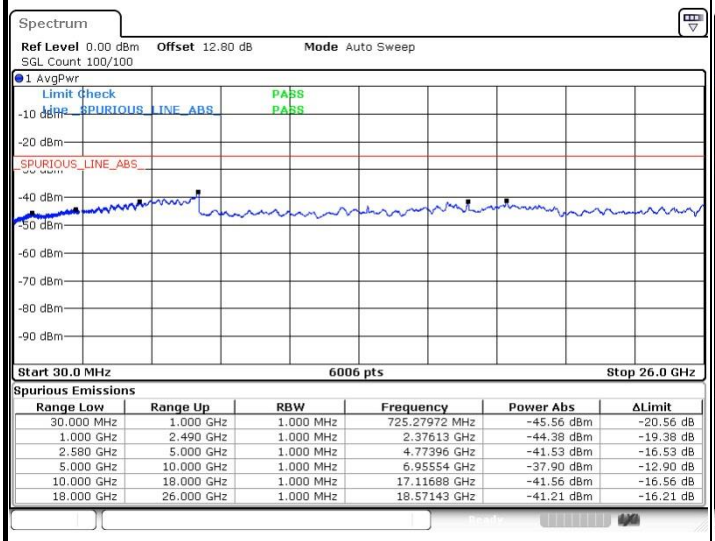
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	749.50549 MHz	-45.73 dBm	-20.73 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.01144 GHz	-44.44 dBm	-19.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78121 GHz	-41.54 dBm	-16.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-38.04 dBm	-13.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.44 dBm	-16.44 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.35 dBm	-16.35 dB

Date: 11.SEP.2015 16:25:22

LTE Band7 / 15MHz

Highest Channel / QPSK

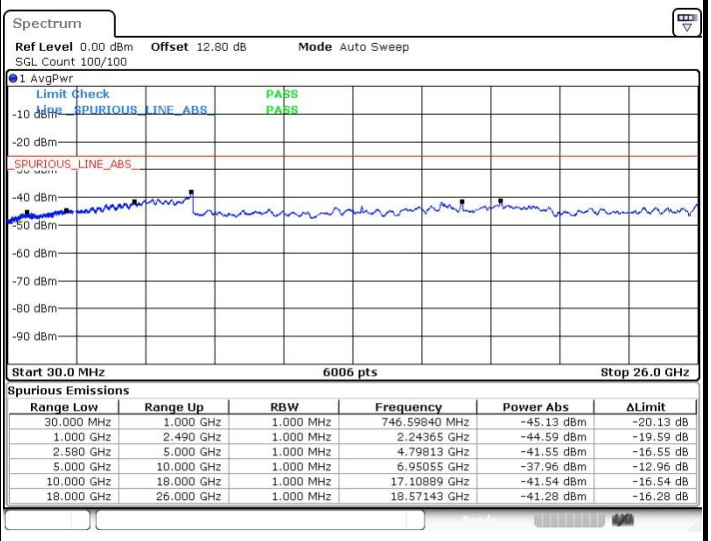


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	725.27972 MHz	-45.56 dBm	-20.56 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.37613 GHz	-44.38 dBm	-19.38 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77396 GHz	-41.53 dBm	-16.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.56 dBm	-16.56 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.21 dBm	-16.21 dB

Date: 11.SEP.2015 16:31:45

Highest Channel / 16QAM



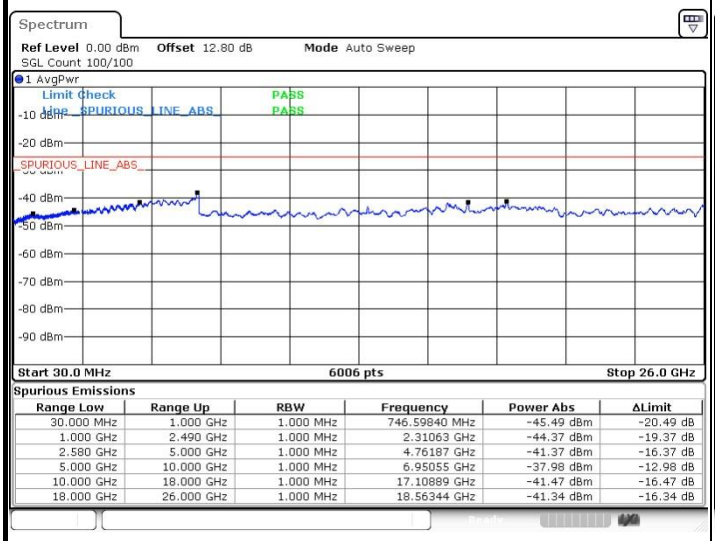
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	746.59840 MHz	-45.13 dBm	-20.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24365 GHz	-44.59 dBm	-19.59 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-41.55 dBm	-16.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.96 dBm	-12.96 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.54 dBm	-16.54 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.28 dBm	-16.28 dB

Date: 11.SEP.2015 16:32:40

LTE Band 7 / 20MHz

Lowest Channel / QPSK

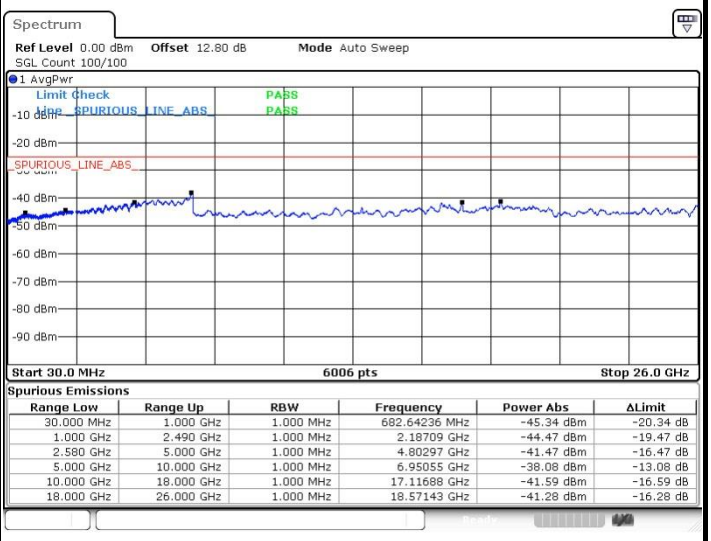


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	746.59840 MHz	-45.49 dBm	-20.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.31063 GHz	-44.37 dBm	-19.37 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76187 GHz	-41.37 dBm	-16.37 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.47 dBm	-16.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.34 dBm	-16.34 dB

Date: 11.SEP.2015 16:39:02

Lowest Channel / 16QAM



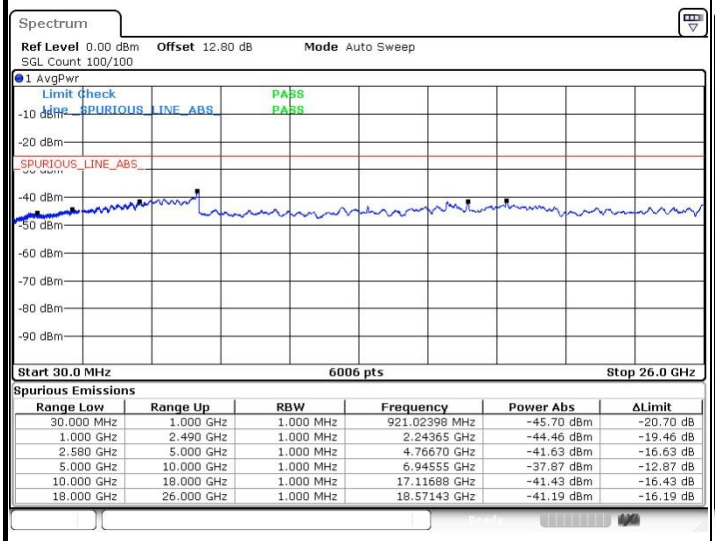
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	682.64236 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.18709 GHz	-44.47 dBm	-19.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-41.47 dBm	-16.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-38.08 dBm	-13.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.59 dBm	-16.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.28 dBm	-16.28 dB

Date: 11.SEP.2015 16:39:58

LTE Band 7 / 20MHz

Middle Channel / QPSK

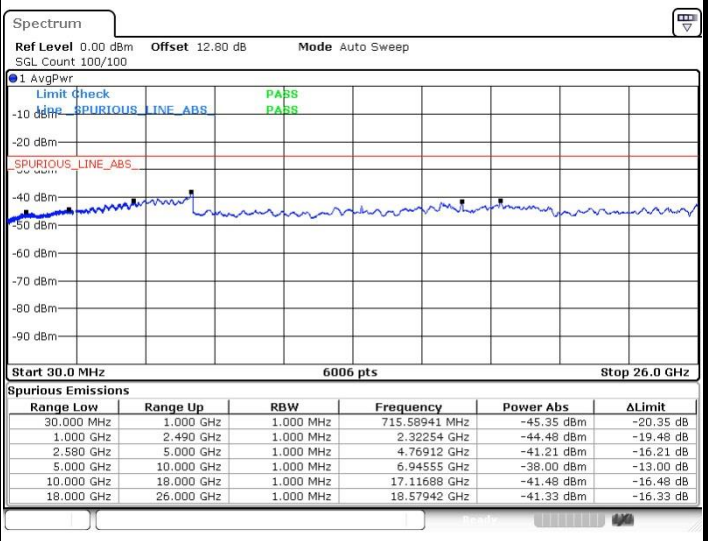


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.02398 MHz	-45.70 dBm	-20.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24365 GHz	-44.46 dBm	-19.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76670 GHz	-41.63 dBm	-16.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-37.87 dBm	-12.87 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.43 dBm	-16.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.19 dBm	-16.19 dB

Date: 11.SEP.2015 16:41:40

Middle Channel / 16QAM

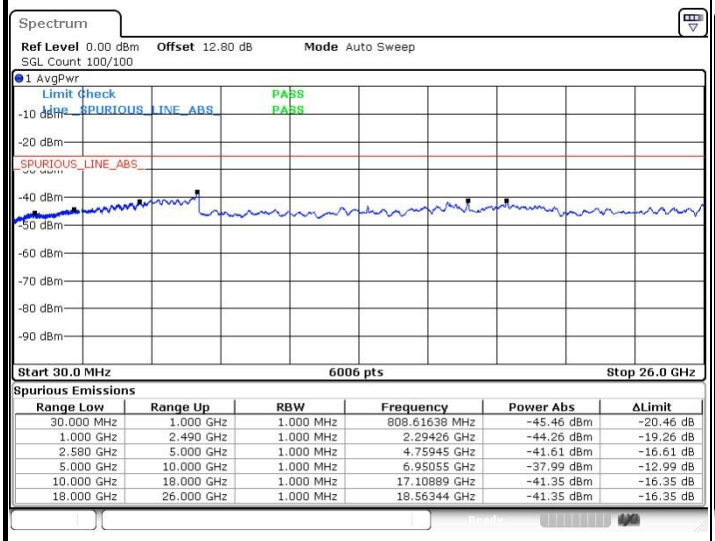


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	715.58941 MHz	-45.35 dBm	-20.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32254 GHz	-44.48 dBm	-19.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.76912 GHz	-41.21 dBm	-16.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.48 dBm	-16.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-41.33 dBm	-16.33 dB

Date: 11.SEP.2015 16:42:36

Highest Channel / QPSK

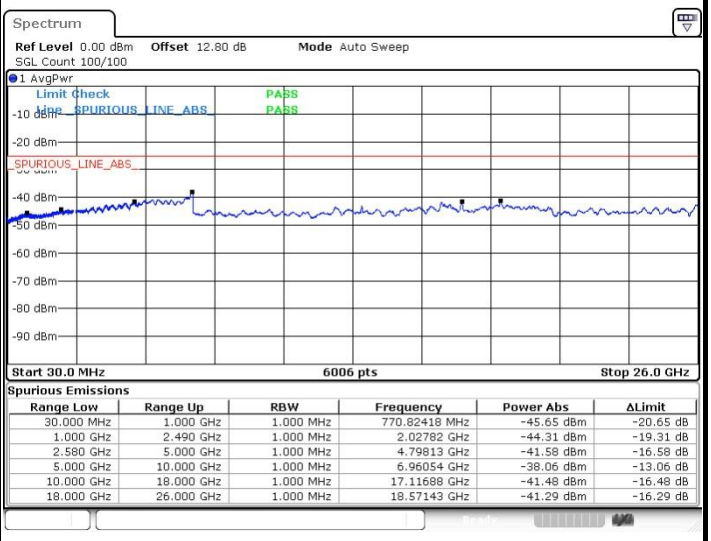


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	808.61638 MHz	-45.46 dBm	-20.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29426 GHz	-44.26 dBm	-19.26 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.75945 GHz	-41.61 dBm	-16.61 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-41.35 dBm	-16.35 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-41.35 dBm	-16.35 dB

Date: 11.SEP.2015 16:48:58

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	770.82418 MHz	-45.65 dBm	-20.65 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.02782 GHz	-44.31 dBm	-19.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-41.58 dBm	-16.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-41.48 dBm	-16.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-41.29 dBm	-16.29 dB

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Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0007	

Note:

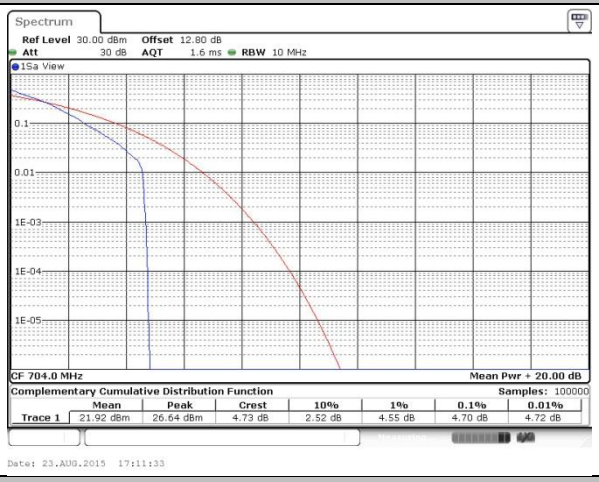
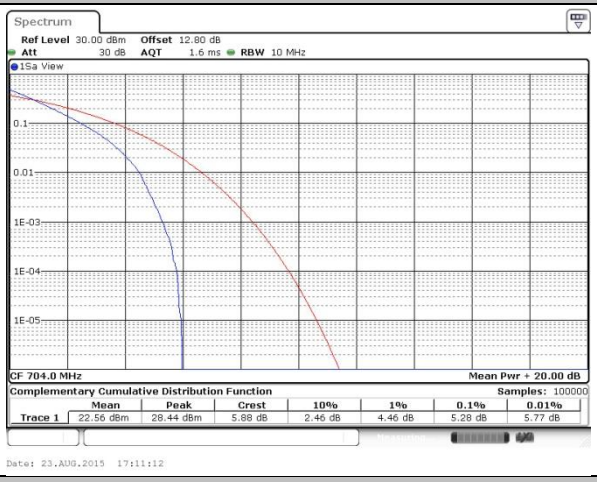
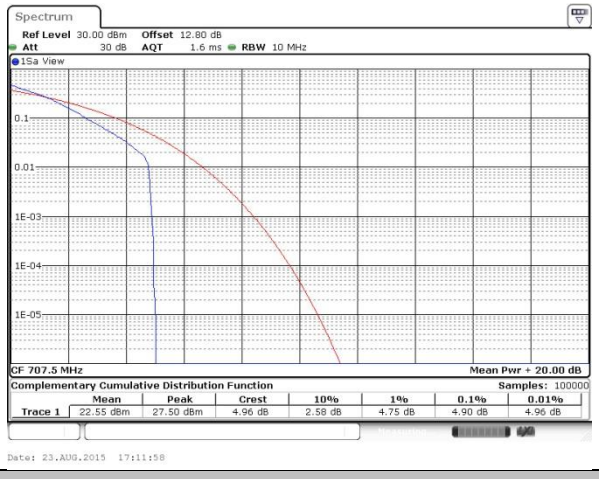
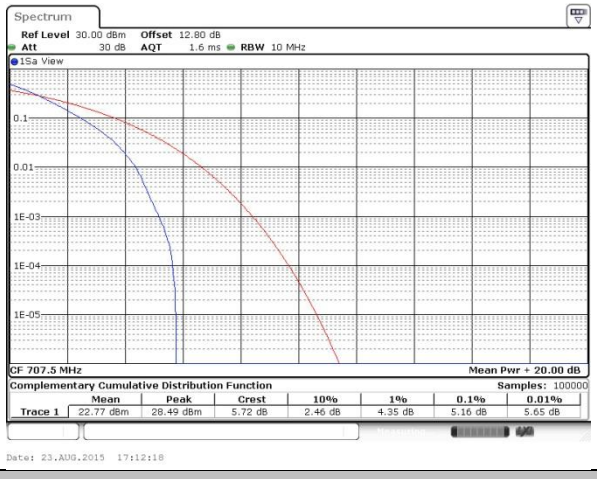
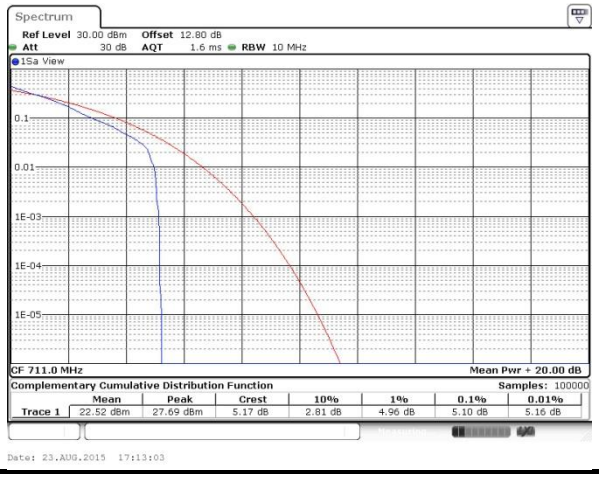
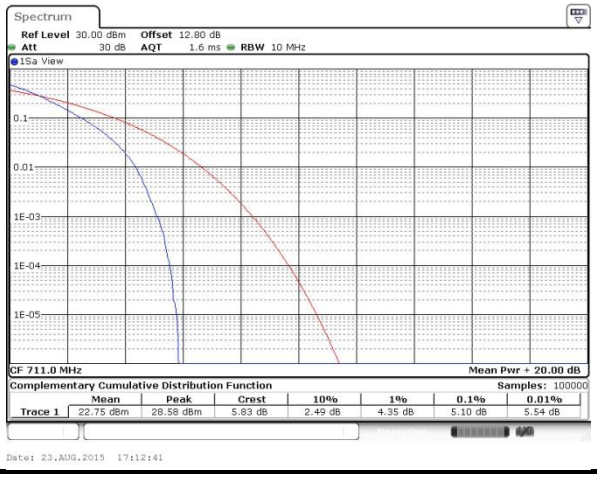
1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.2 V

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

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.70	5.28	5.65	6.09	PASS
Middle CH	4.90	5.16	5.71	6.12	
Highest CH	5.10	5.10	6.14	6.03	

LTE Band 12 / 10MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**