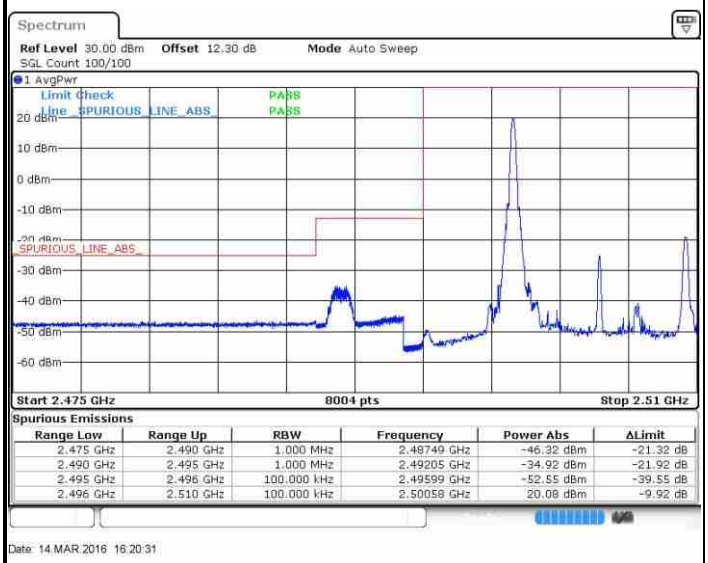
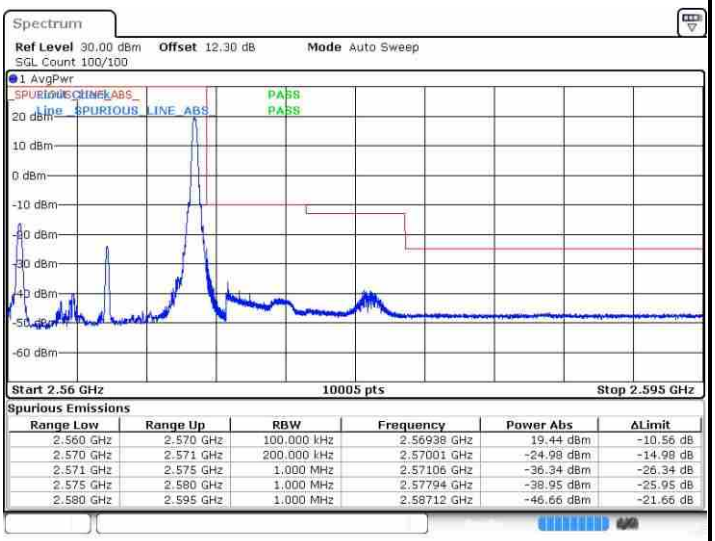
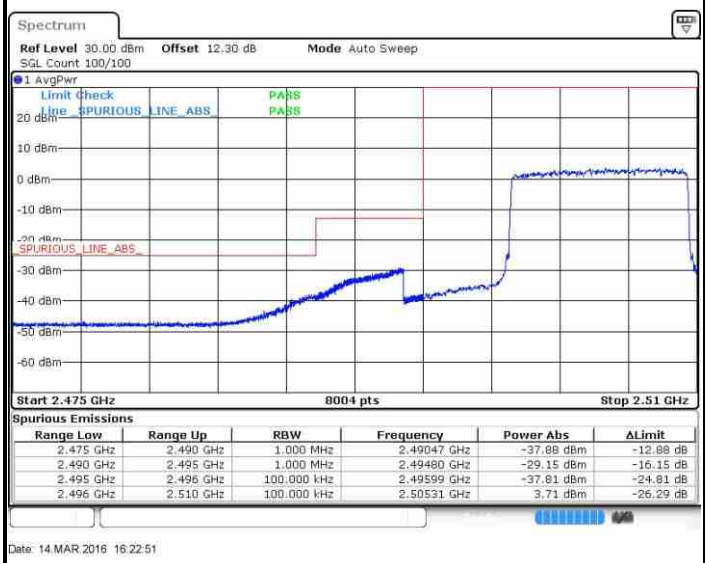
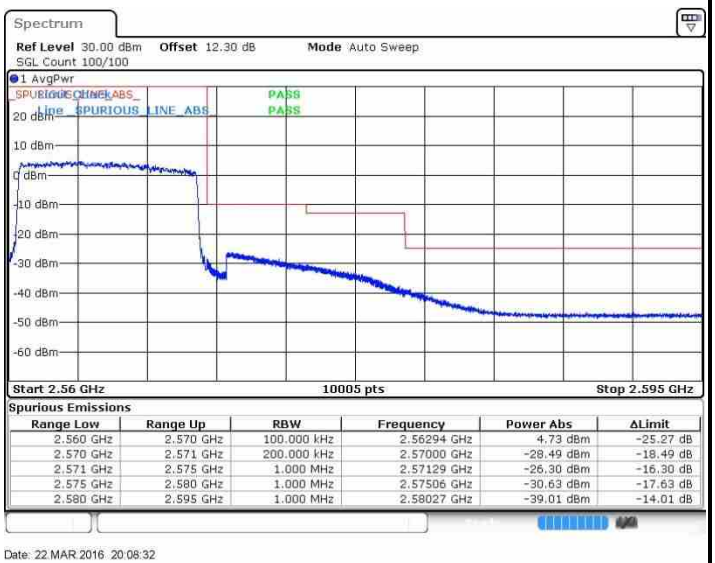
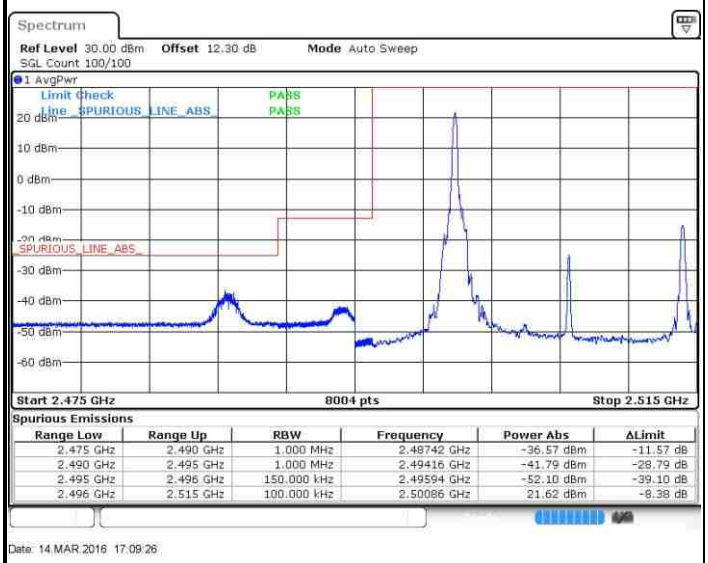
LTE Band 7 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

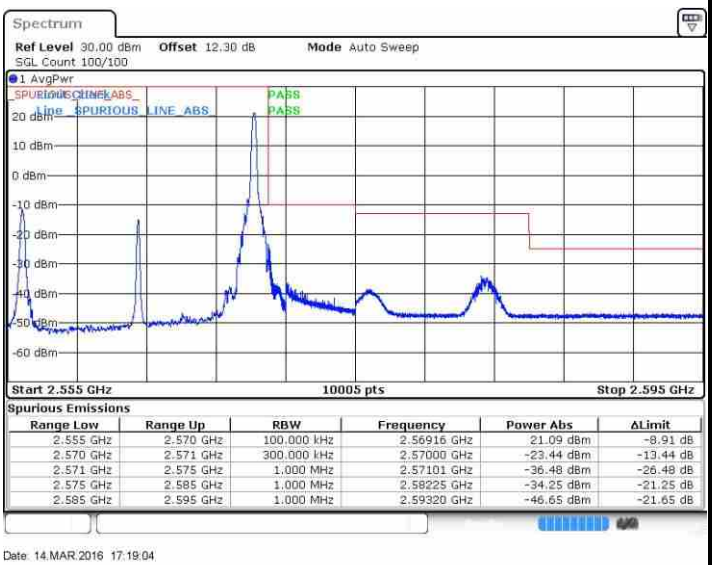


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48742 GHz	-36.57 dBm	-11.57 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49416 GHz	-41.79 dBm	-28.79 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49594 GHz	-52.10 dBm	-39.10 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50086 GHz	21.62 dBm	-8.38 dB

Date: 14.MAR.2016 17:09:26

Highest Band Edge / 1 RB

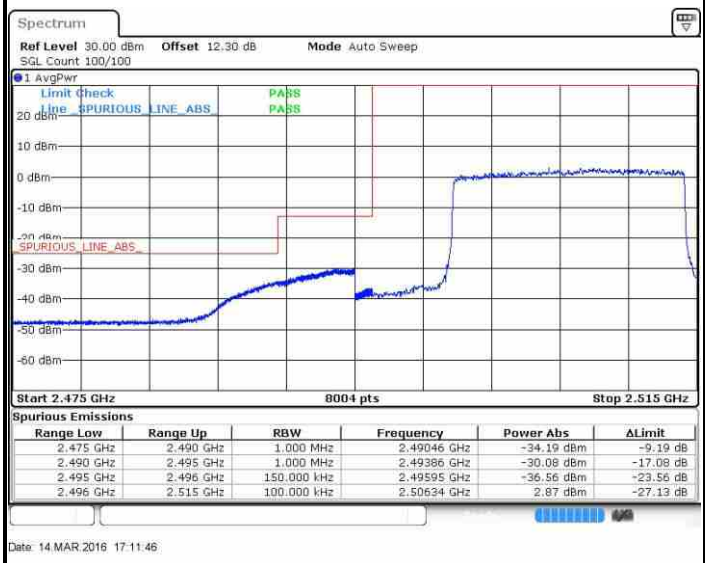


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	21.09 dBm	-8.91 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-23.44 dBm	-13.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-36.48 dBm	-26.48 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58225 GHz	-34.25 dBm	-21.25 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59320 GHz	-46.65 dBm	-21.65 dB

Date: 14.MAR.2016 17:19:04

Lowest Band Edge / Full RB

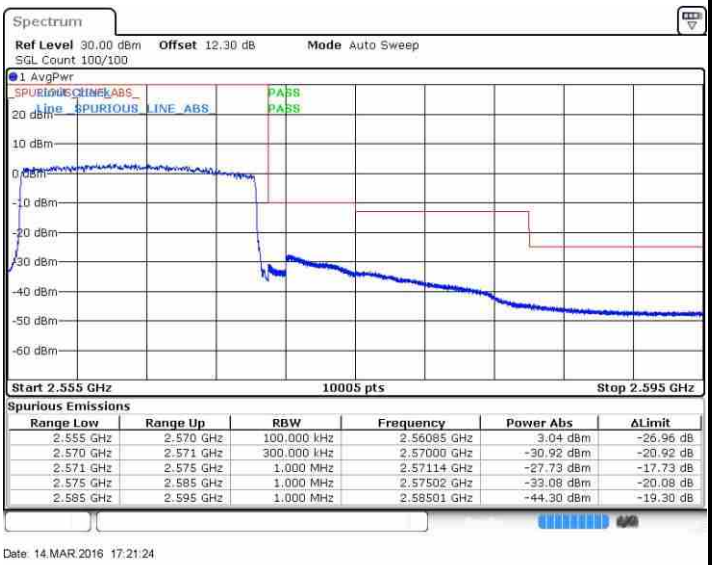


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-34.19 dBm	-9.19 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49386 GHz	-30.08 dBm	-17.08 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49595 GHz	-36.56 dBm	-23.56 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50634 GHz	2.87 dBm	-27.13 dB

Date: 14.MAR.2016 17:11:46

Highest Band Edge / Full RB



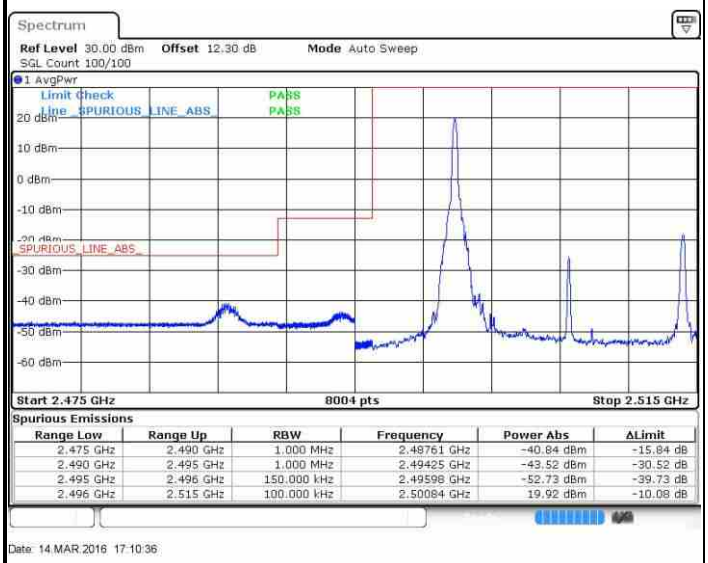
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56085 GHz	3.04 dBm	-26.96 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-30.92 dBm	-20.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-27.73 dBm	-17.73 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57502 GHz	-33.08 dBm	-20.08 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58501 GHz	-44.30 dBm	-19.30 dB

Date: 14.MAR.2016 17:21:24

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

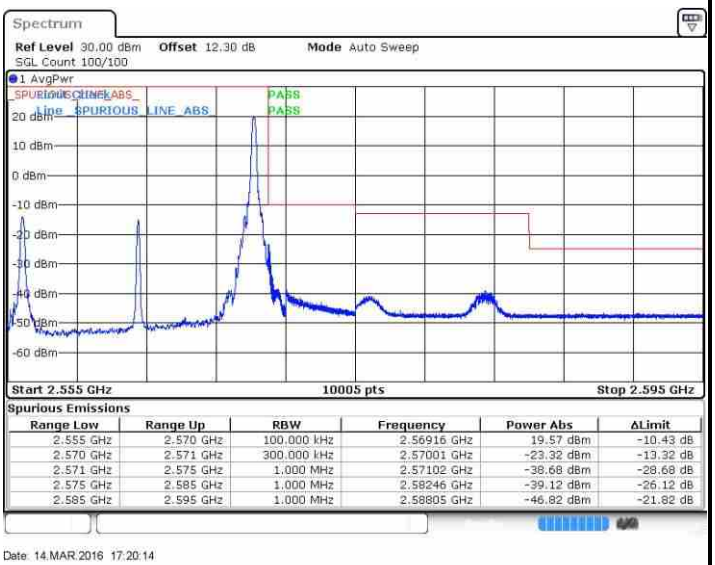


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48761 GHz	-40.84 dBm	-15.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49425 GHz	-43.52 dBm	-30.52 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49598 GHz	-52.73 dBm	-39.73 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	19.92 dBm	-10.08 dB

Date: 14.MAR.2016 17:10:36

Highest Band Edge / 1 RB

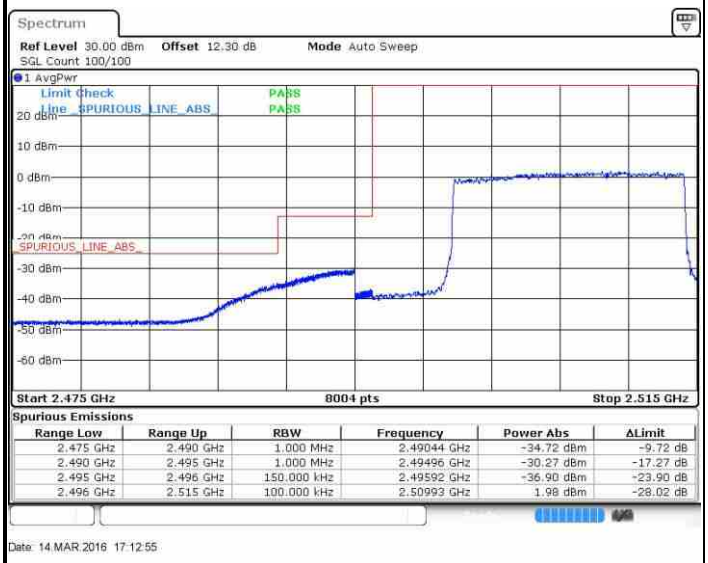


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.57 dBm	-10.43 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-23.32 dBm	-13.32 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-38.68 dBm	-28.68 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58246 GHz	-39.12 dBm	-26.12 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58805 GHz	-46.82 dBm	-21.82 dB

Date: 14.MAR.2016 17:20:14

Lowest Band Edge / Full RB

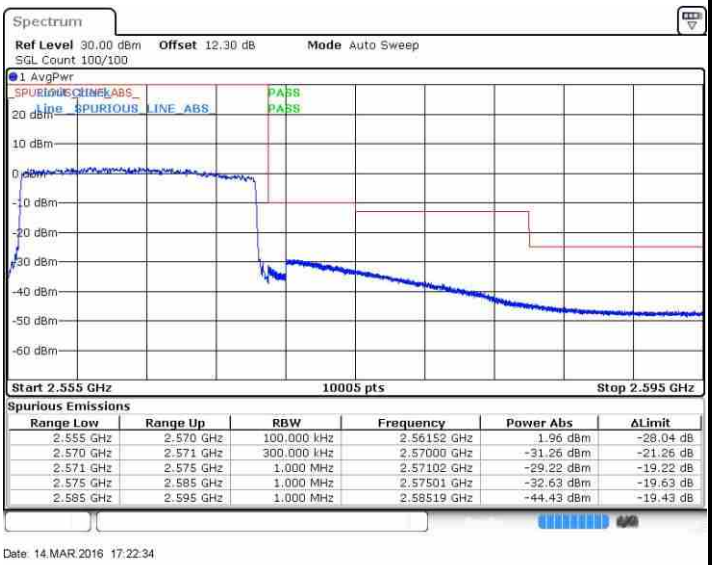


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-34.72 dBm	-9.72 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-30.27 dBm	-17.27 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49592 GHz	-36.90 dBm	-23.90 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50993 GHz	1.98 dBm	-28.02 dB

Date: 14.MAR.2016 17:12:55

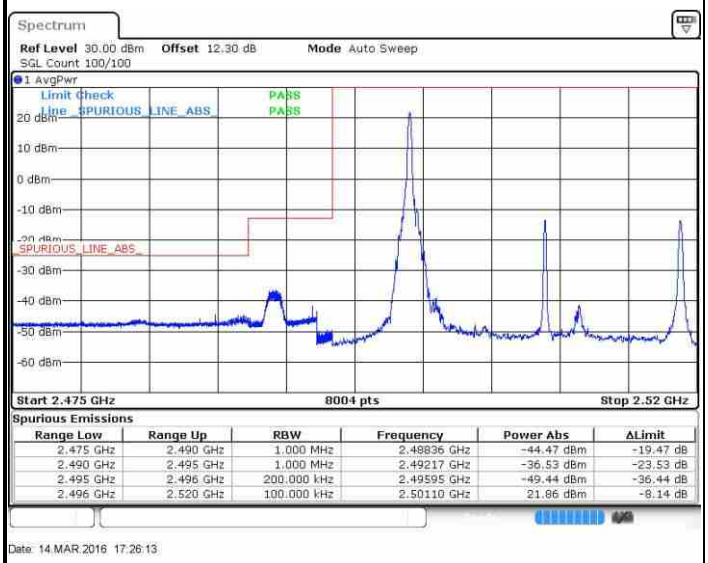
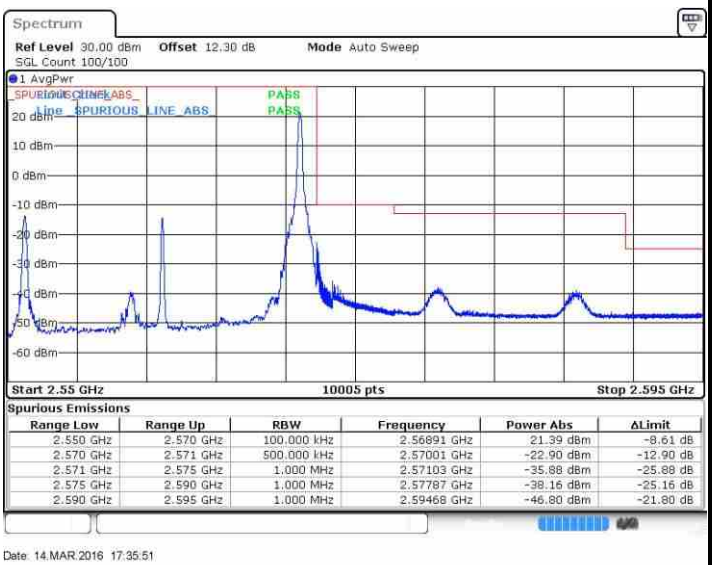
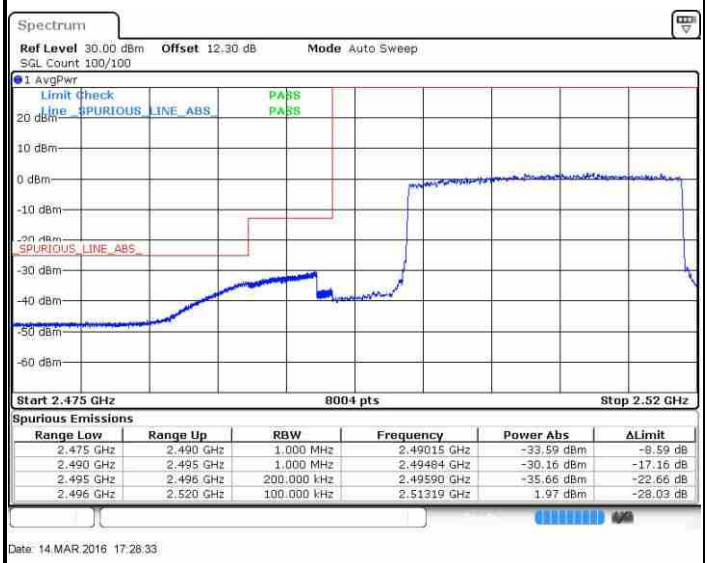
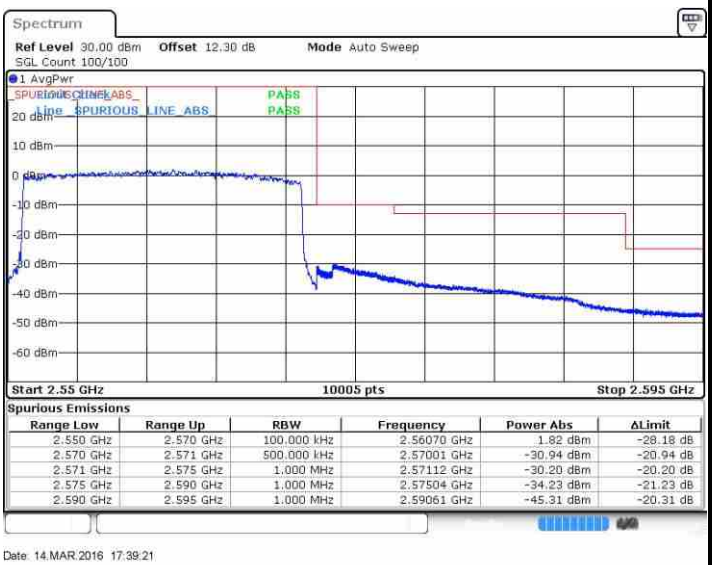
Highest Band Edge / Full RB

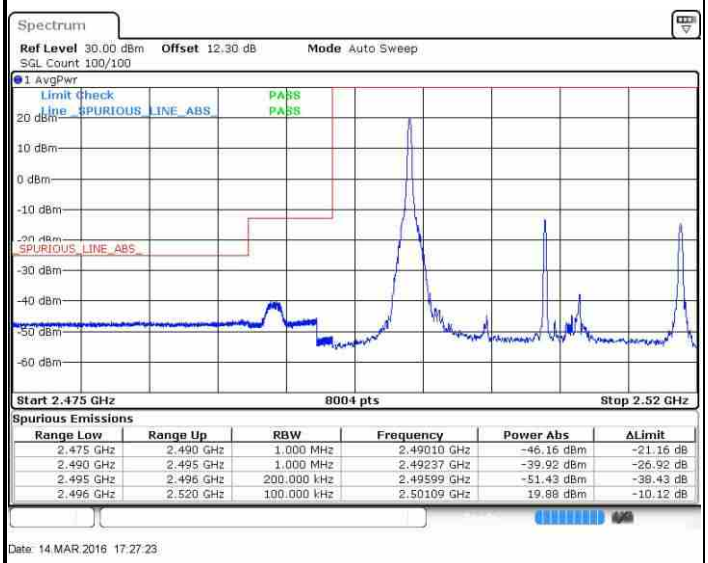
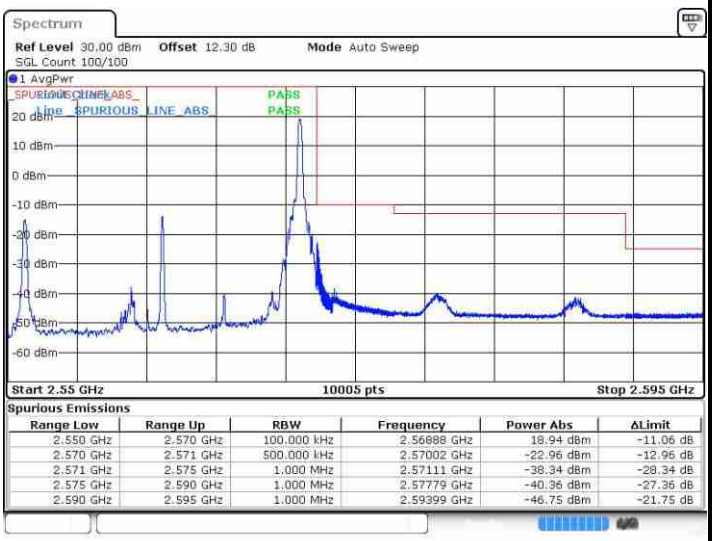
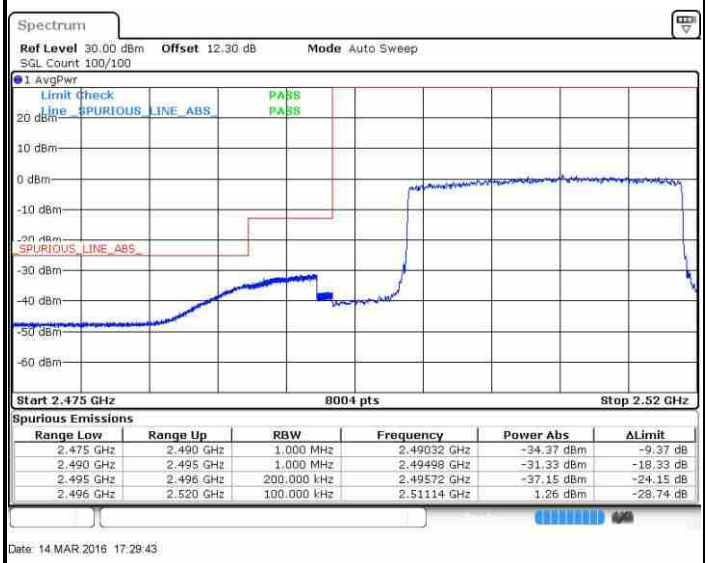
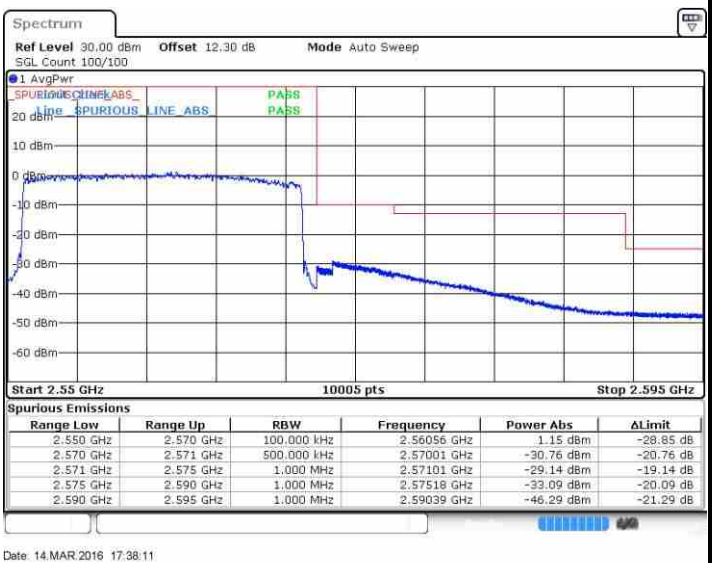


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56152 GHz	1.96 dBm	-28.04 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-31.26 dBm	-21.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-29.22 dBm	-19.22 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57501 GHz	-32.63 dBm	-19.63 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58519 GHz	-44.43 dBm	-19.43 dB

Date: 14.MAR.2016 17:22:34

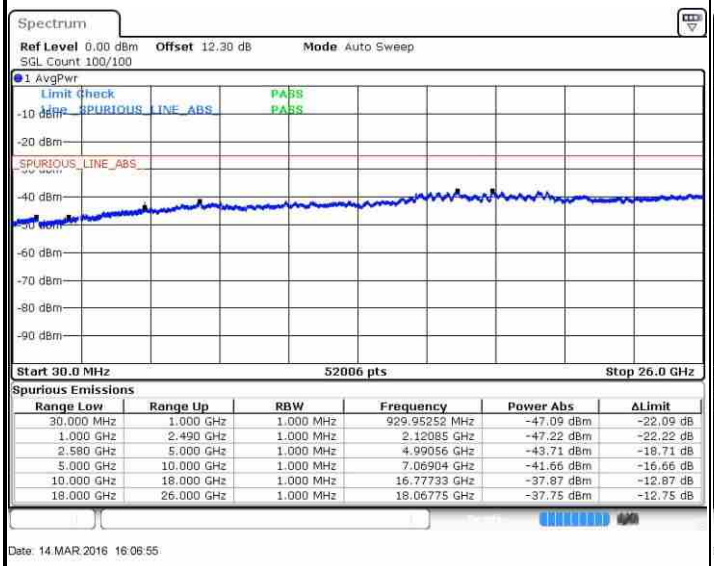
LTE Band 7 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 20MHz / 16QAM	
Lowest Band Edge /1 RB	**Highest Band Edge / 1RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

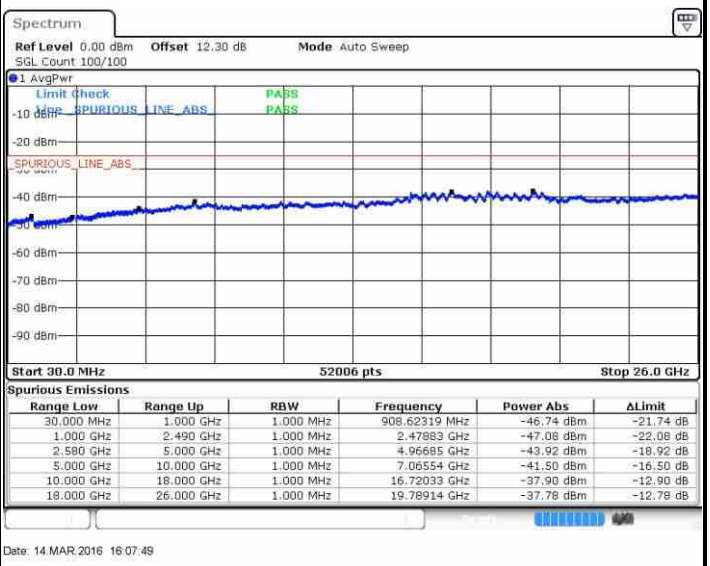


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-47.09 dBm	-22.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12085 GHz	-47.22 dBm	-22.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-43.71 dBm	-18.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06904 GHz	-41.66 dBm	-16.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77733 GHz	-37.87 dBm	-12.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.06775 GHz	-37.75 dBm	-12.75 dB

Date: 14.MAR.2016 16:06:55

Lowest Channel / 16QAM

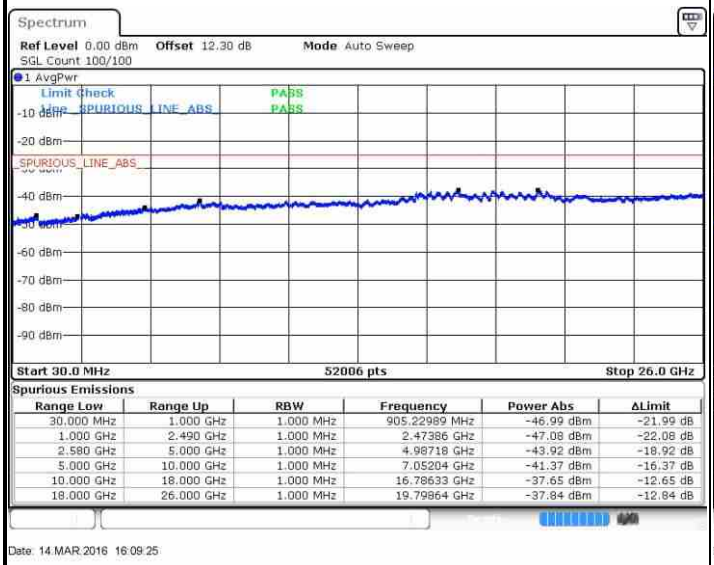


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-46.74 dBm	-21.74 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47883 GHz	-47.08 dBm	-22.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96685 GHz	-43.92 dBm	-18.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06554 GHz	-41.50 dBm	-16.50 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.72033 GHz	-37.90 dBm	-12.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78914 GHz	-37.78 dBm	-12.78 dB

Date: 14.MAR.2016 16:07:49

Middle Channel / QPSK

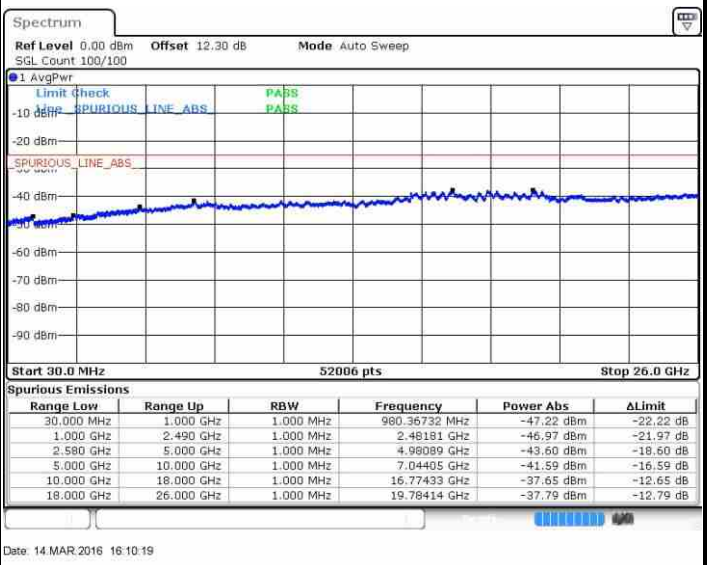


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-46.99 dBm	-21.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47386 GHz	-47.08 dBm	-22.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98718 GHz	-43.92 dBm	-18.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05204 GHz	-41.37 dBm	-16.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78633 GHz	-37.65 dBm	-12.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-37.84 dBm	-12.84 dB

Date: 14.MAR.2016 16:09:25

Middle Channel / 16QAM



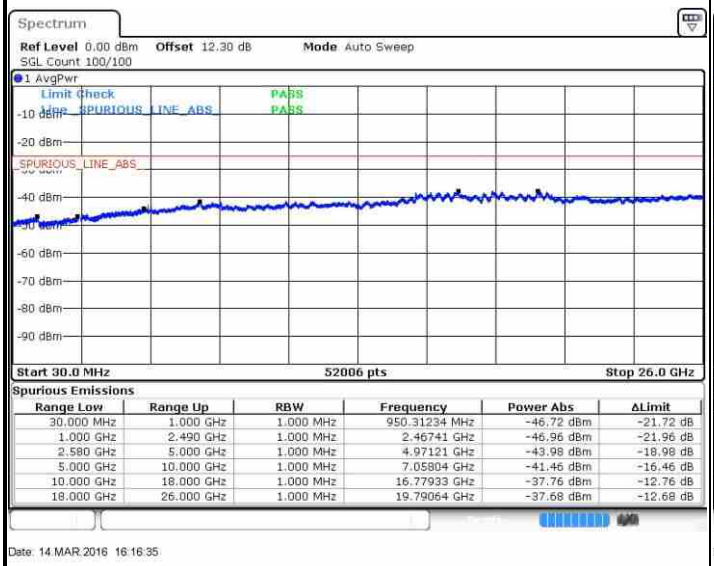
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.22 dBm	-22.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-46.97 dBm	-21.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98089 GHz	-43.60 dBm	-18.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04405 GHz	-41.59 dBm	-16.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77433 GHz	-37.65 dBm	-12.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78414 GHz	-37.79 dBm	-12.79 dB

Date: 14.MAR.2016 16:10:19

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	950.31234 MHz	-46.72 dBm	-21.72 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46741 GHz	-46.96 dBm	-21.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97121 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05804 GHz	-41.46 dBm	-16.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77933 GHz	-37.76 dBm	-12.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-37.68 dBm	-12.68 dB

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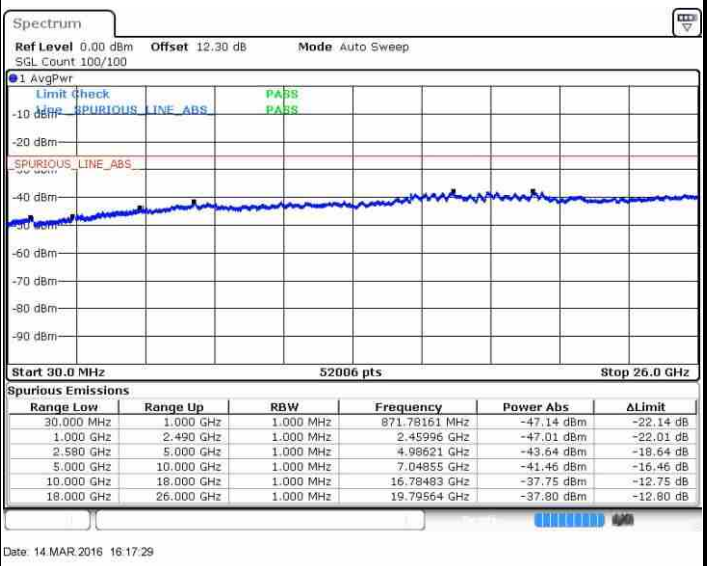
Highest Channel / 16QAM



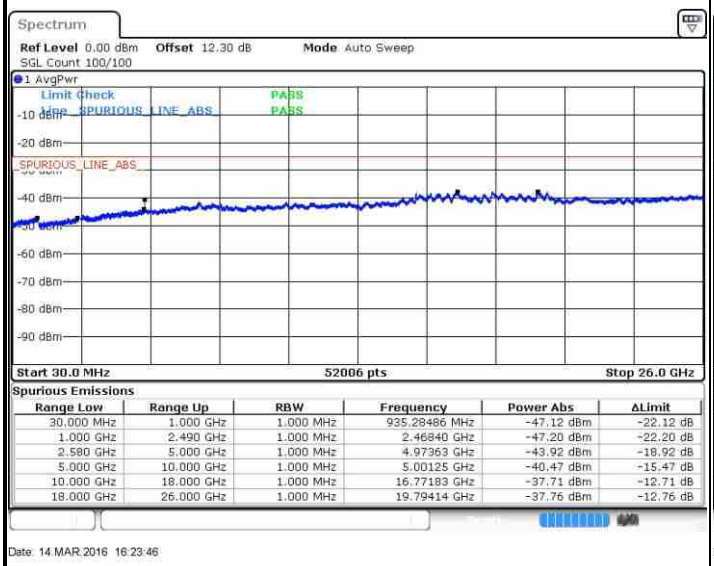
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-47.14 dBm	-22.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45996 GHz	-47.01 dBm	-22.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98621 GHz	-43.64 dBm	-18.64 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04855 GHz	-41.46 dBm	-16.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78483 GHz	-37.75 dBm	-12.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79564 GHz	-37.80 dBm	-12.80 dB

Date: 14.MAR.2016 16:17:29

LTE Band 7 / 10MHz

Lowest Channel / QPSK

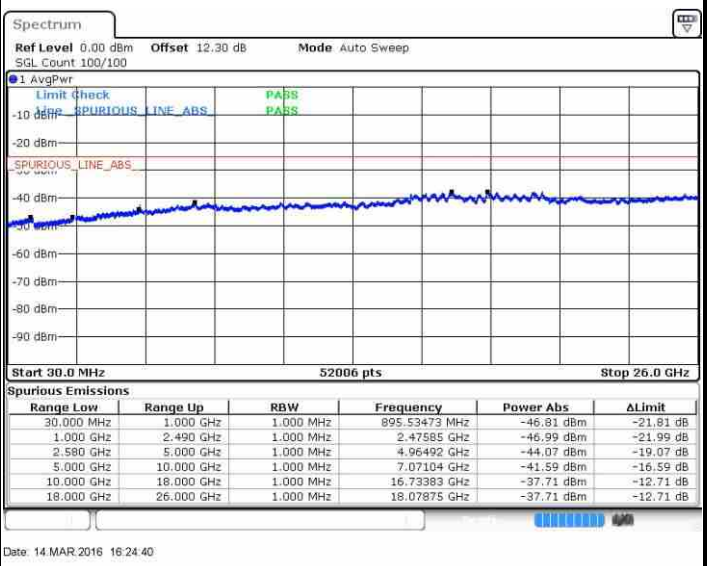


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-47.12 dBm	-22.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46840 GHz	-47.20 dBm	-22.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97363 GHz	-43.92 dBm	-18.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-40.47 dBm	-15.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77183 GHz	-37.71 dBm	-12.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79414 GHz	-37.76 dBm	-12.76 dB

Date: 14.MAR.2016 16:23:46

Lowest Channel / 16QAM



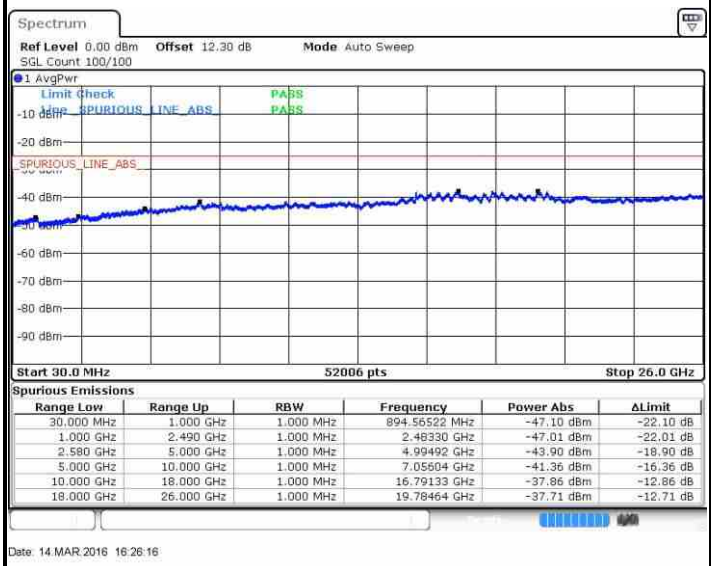
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.53473 MHz	-46.81 dBm	-21.81 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47585 GHz	-46.99 dBm	-21.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96492 GHz	-44.07 dBm	-19.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07104 GHz	-41.59 dBm	-16.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.73383 GHz	-37.71 dBm	-12.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07875 GHz	-37.71 dBm	-12.71 dB

Date: 14.MAR.2016 16:24:40

LTE Band 7 / 10MHz

Middle Channel / QPSK

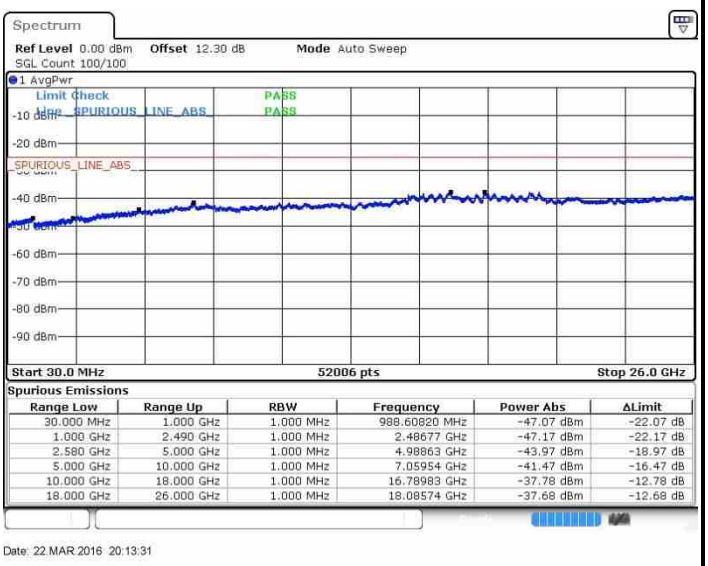


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	894.56522 MHz	-47.10 dBm	-22.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-47.01 dBm	-22.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99492 GHz	-43.90 dBm	-18.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05604 GHz	-41.36 dBm	-16.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79133 GHz	-37.86 dBm	-12.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78464 GHz	-37.71 dBm	-12.71 dB

Date: 14.MAR.2016 16:26:16

Middle Channel / 16QAM

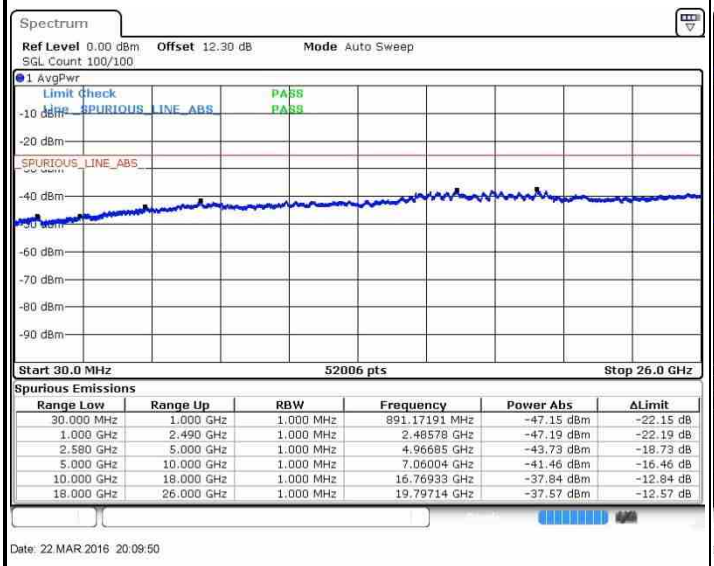


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-47.07 dBm	-22.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-47.17 dBm	-22.17 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98863 GHz	-43.97 dBm	-18.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05954 GHz	-41.47 dBm	-16.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78983 GHz	-37.78 dBm	-12.78 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08574 GHz	-37.68 dBm	-12.68 dB

Date: 22.MAR.2016 20:13:31

Highest Channel / QPSK

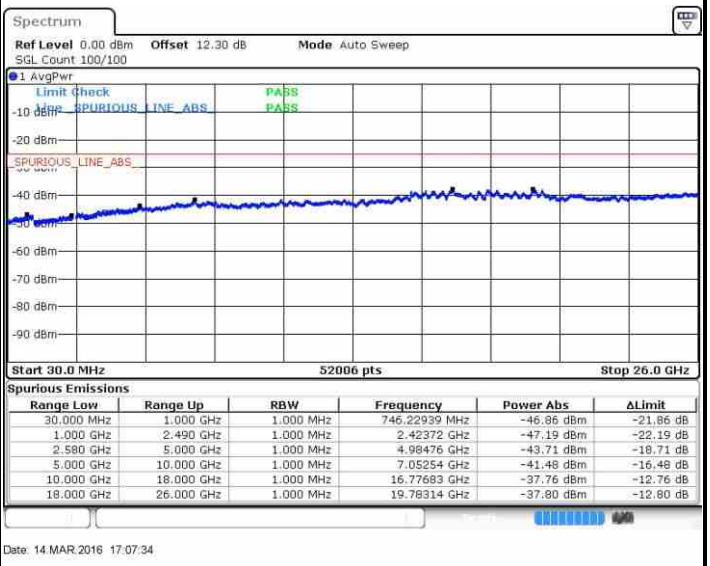


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-47.15 dBm	-22.15 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-47.19 dBm	-22.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96685 GHz	-43.73 dBm	-18.73 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06004 GHz	-41.46 dBm	-16.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76933 GHz	-37.84 dBm	-12.84 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79714 GHz	-37.57 dBm	-12.57 dB

Date: 22.MAR.2016 20:09:50

Highest Channel / 16QAM



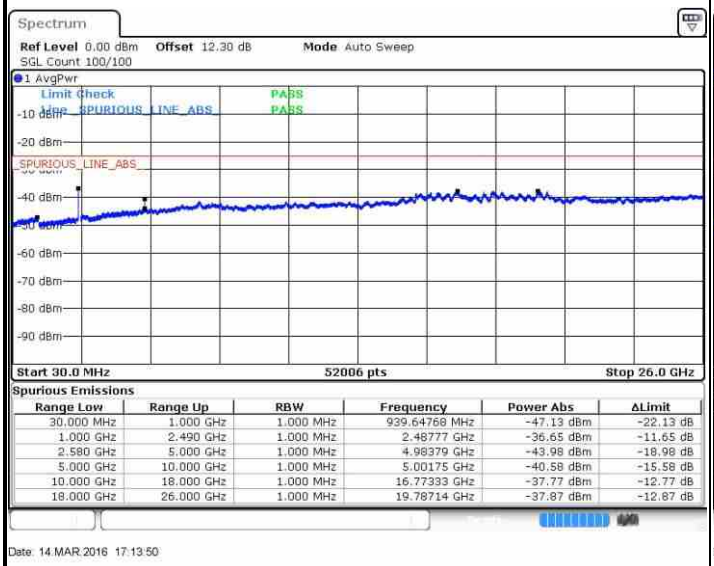
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	746.22939 MHz	-46.86 dBm	-21.86 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.42372 GHz	-47.19 dBm	-22.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-43.71 dBm	-18.71 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05254 GHz	-41.48 dBm	-16.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77683 GHz	-37.76 dBm	-12.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78314 GHz	-37.80 dBm	-12.80 dB

Date: 14.MAR.2016 17:07:34

LTE Band 7 / 15MHz

Lowest Channel / QPSK

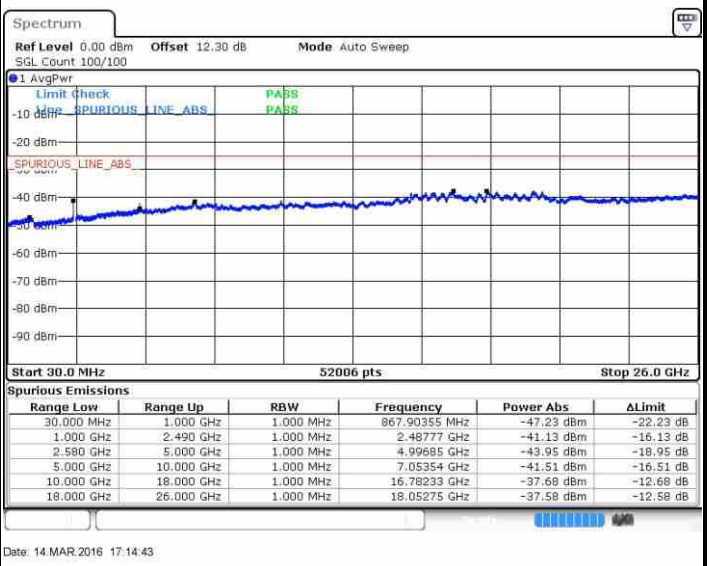


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.13 dBm	-22.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-36.65 dBm	-11.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98379 GHz	-43.98 dBm	-18.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-40.58 dBm	-15.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77333 GHz	-37.77 dBm	-12.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78714 GHz	-37.87 dBm	-12.87 dB

Date: 14.MAR.2016 17:13:50

Lowest Channel / 16QAM

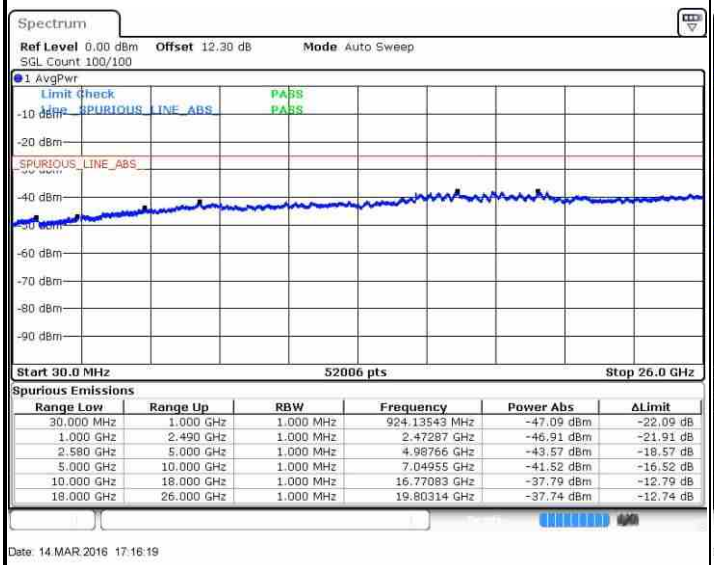


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	867.90355 MHz	-47.23 dBm	-22.23 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-41.13 dBm	-16.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-43.95 dBm	-18.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05354 GHz	-41.51 dBm	-16.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78233 GHz	-37.68 dBm	-12.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.05275 GHz	-37.58 dBm	-12.58 dB

Date: 14.MAR.2016 17:14:43

Middle Channel / QPSK

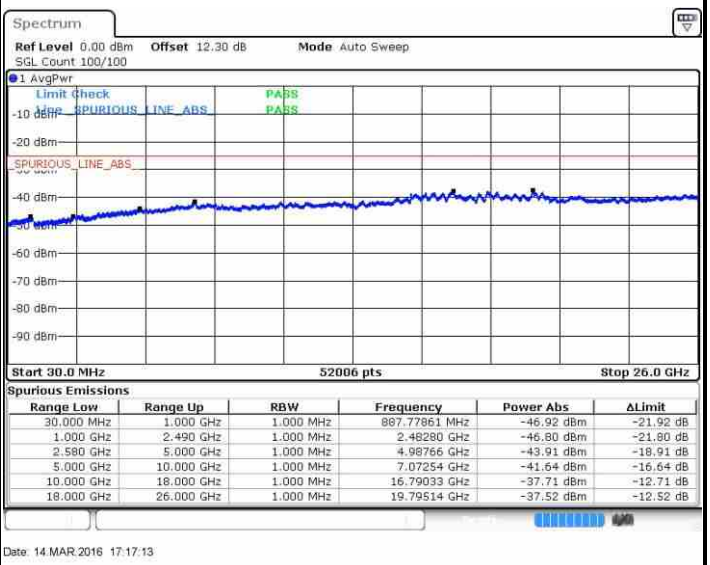


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-47.09 dBm	-22.09 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47287 GHz	-46.91 dBm	-21.91 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.57 dBm	-18.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.04955 GHz	-41.52 dBm	-16.52 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77083 GHz	-37.79 dBm	-12.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80314 GHz	-37.74 dBm	-12.74 dB

Date: 14.MAR.2016 17:16:19

Middle Channel / 16QAM



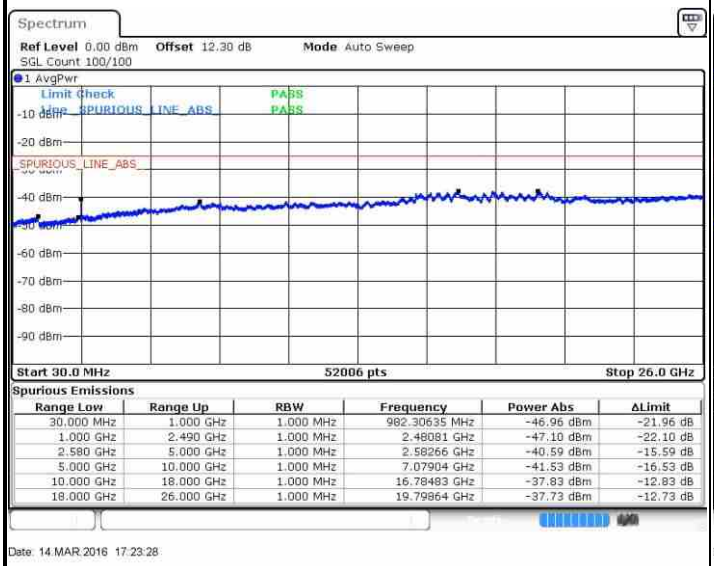
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-46.92 dBm	-21.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98766 GHz	-43.91 dBm	-18.91 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07254 GHz	-41.64 dBm	-16.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79033 GHz	-37.71 dBm	-12.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79514 GHz	-37.52 dBm	-12.52 dB

Date: 14.MAR.2016 17:17:13

LTE Band7 / 15MHz

Highest Channel / QPSK

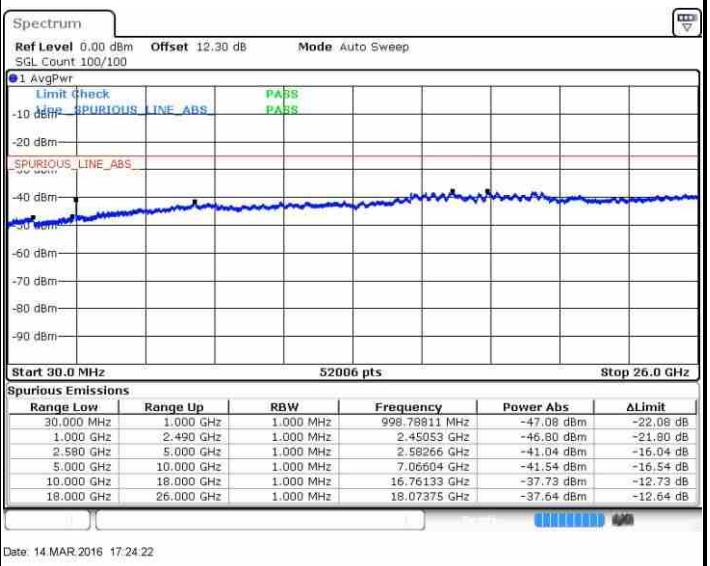


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48081 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-40.59 dBm	-15.59 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07904 GHz	-41.53 dBm	-16.53 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78483 GHz	-37.83 dBm	-12.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79864 GHz	-37.73 dBm	-12.73 dB

Date: 14.MAR.2016 17:23:28

Highest Channel / 16QAM



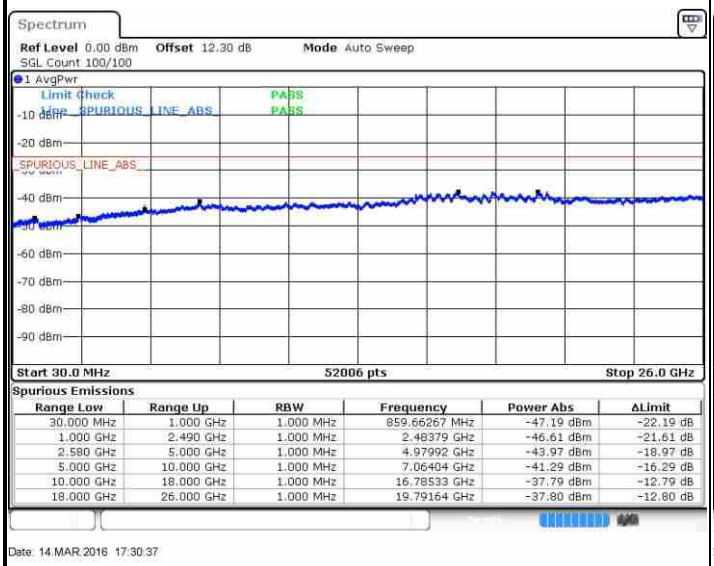
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.08 dBm	-22.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45053 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-41.04 dBm	-16.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06604 GHz	-41.54 dBm	-16.54 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76133 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07375 GHz	-37.64 dBm	-12.64 dB

Date: 14.MAR.2016 17:24:22

LTE Band 7 / 20MHz

Lowest Channel / QPSK

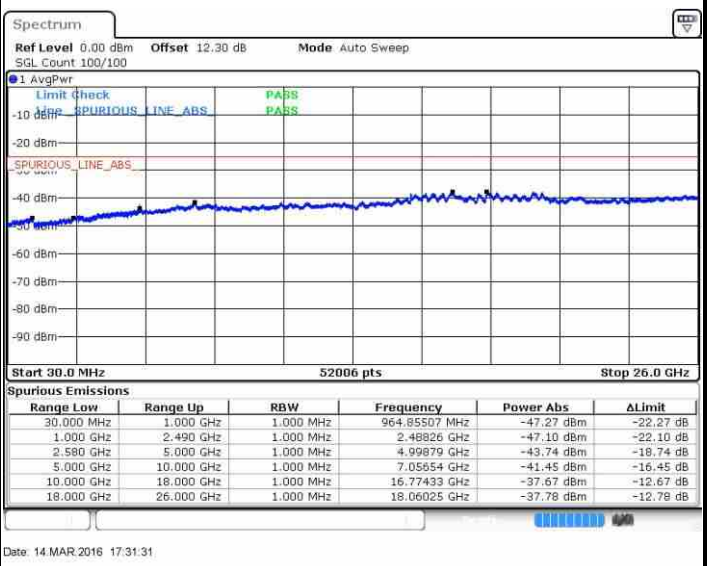


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-47.19 dBm	-22.19 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.61 dBm	-21.61 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97992 GHz	-43.97 dBm	-18.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06404 GHz	-41.29 dBm	-16.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78533 GHz	-37.79 dBm	-12.79 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79164 GHz	-37.80 dBm	-12.80 dB

Date: 14.MAR.2016 17:30:37

Lowest Channel / 16QAM



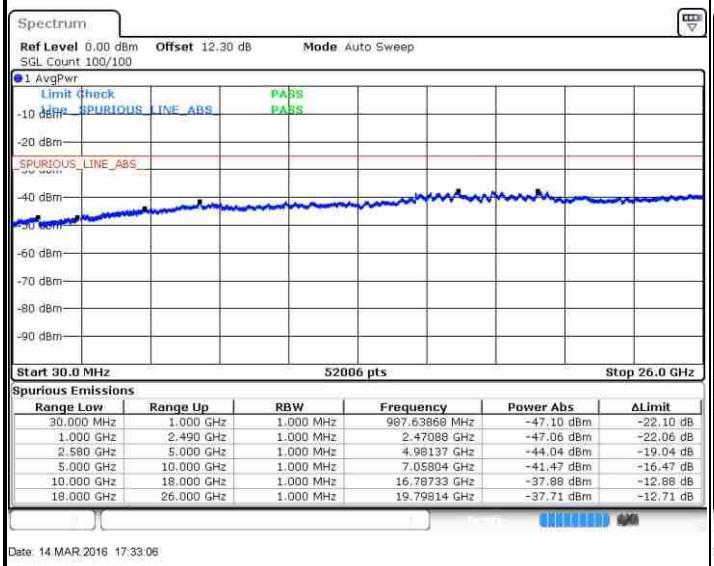
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-47.27 dBm	-22.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99879 GHz	-43.74 dBm	-18.74 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05654 GHz	-41.45 dBm	-16.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77433 GHz	-37.67 dBm	-12.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.06025 GHz	-37.78 dBm	-12.78 dB

Date: 14.MAR.2016 17:31:31

LTE Band 7 / 20MHz

Middle Channel / QPSK

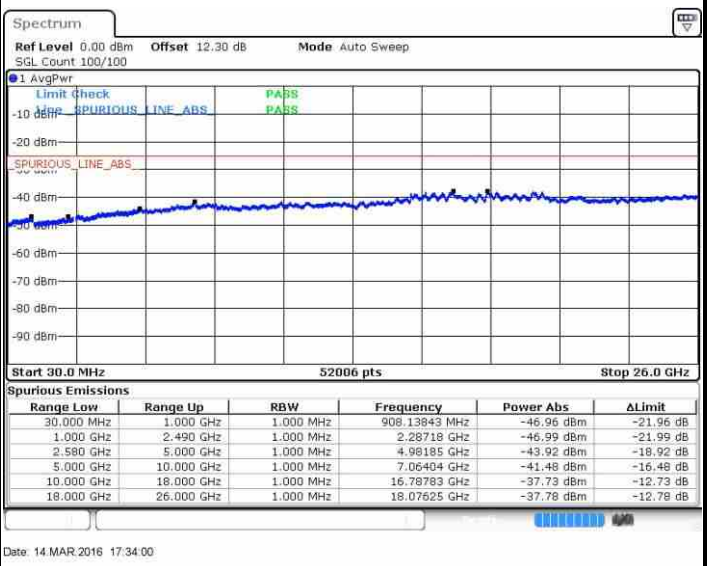


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-47.10 dBm	-22.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-47.06 dBm	-22.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-44.04 dBm	-19.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05804 GHz	-41.47 dBm	-16.47 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78733 GHz	-37.88 dBm	-12.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79814 GHz	-37.71 dBm	-12.71 dB

Date: 14.MAR.2016 17:33:06

Middle Channel / 16QAM

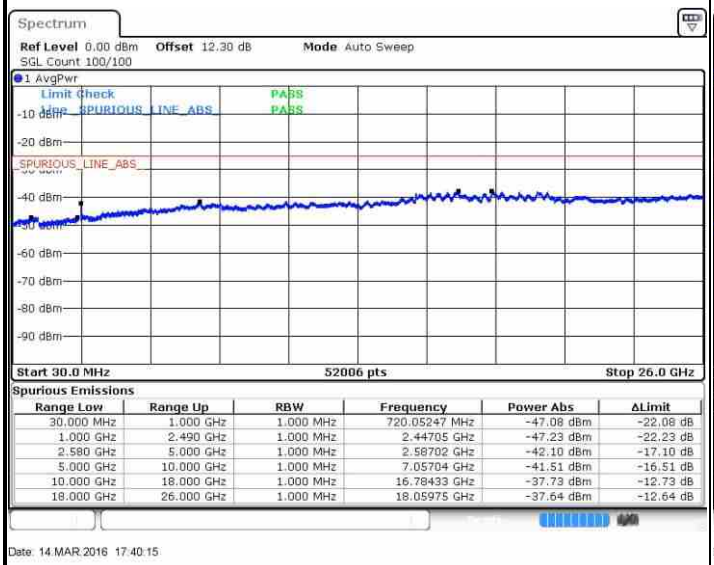


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-46.96 dBm	-21.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.28718 GHz	-46.99 dBm	-21.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98185 GHz	-43.92 dBm	-18.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06404 GHz	-41.48 dBm	-16.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78783 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07625 GHz	-37.78 dBm	-12.78 dB

Date: 14.MAR.2016 17:34:00

Highest Channel / QPSK

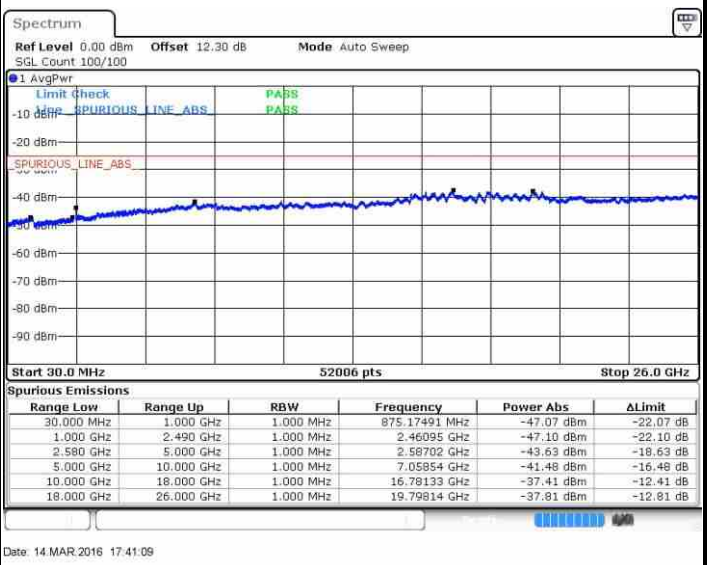


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	720.05247 MHz	-47.08 dBm	-22.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44705 GHz	-47.23 dBm	-22.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-42.10 dBm	-17.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05704 GHz	-41.51 dBm	-16.51 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78433 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.05975 GHz	-37.64 dBm	-12.64 dB

Date: 14.MAR.2016 17:40:15

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-47.07 dBm	-22.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46095 GHz	-47.10 dBm	-22.10 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-43.63 dBm	-18.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05854 GHz	-41.48 dBm	-16.48 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78133 GHz	-37.41 dBm	-12.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79814 GHz	-37.81 dBm	-12.81 dB

Date: 14.MAR.2016 17:41:09

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	0.0002	PASS
40	Normal Voltage	0.0089	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

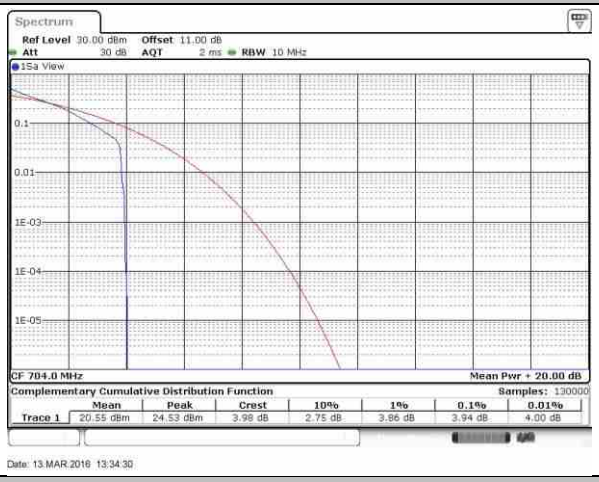
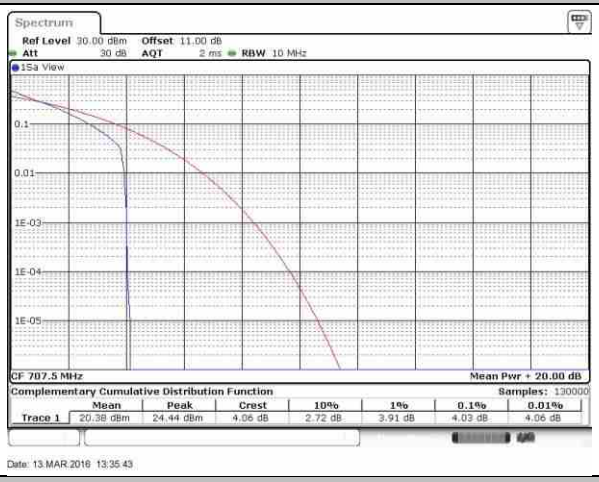
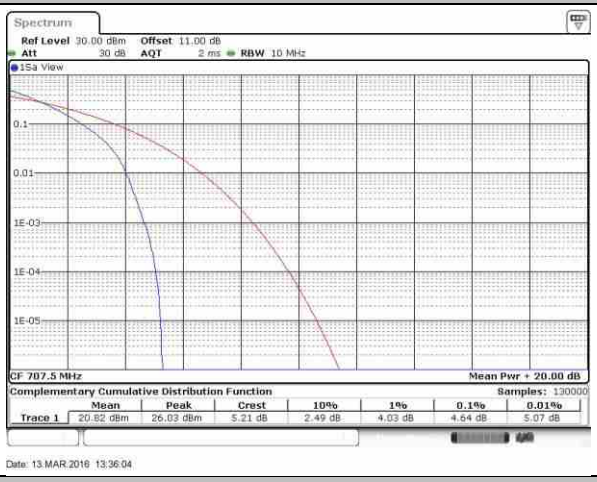
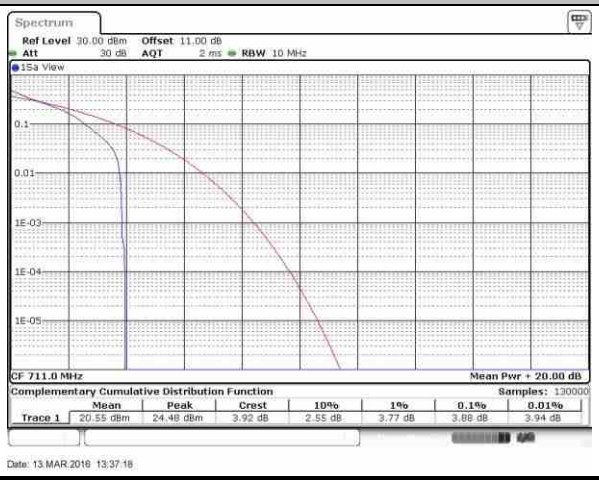
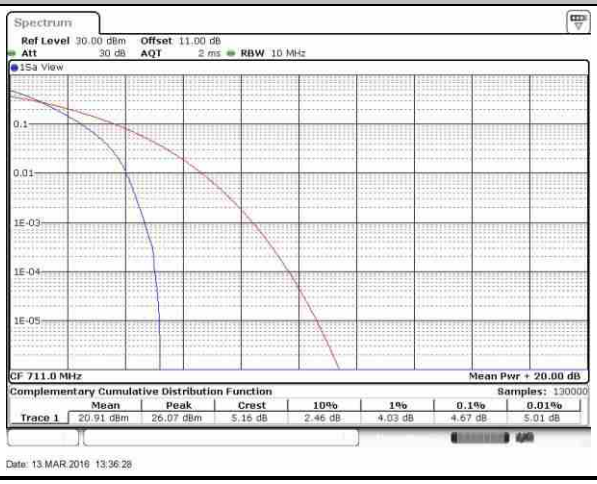
1. Normal Voltage = 3.8 V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.2 V

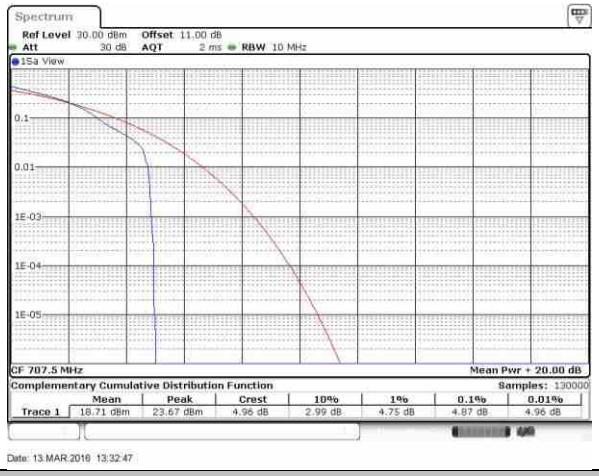
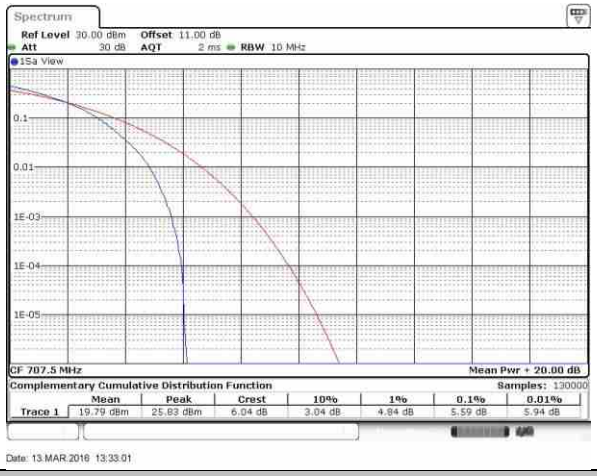
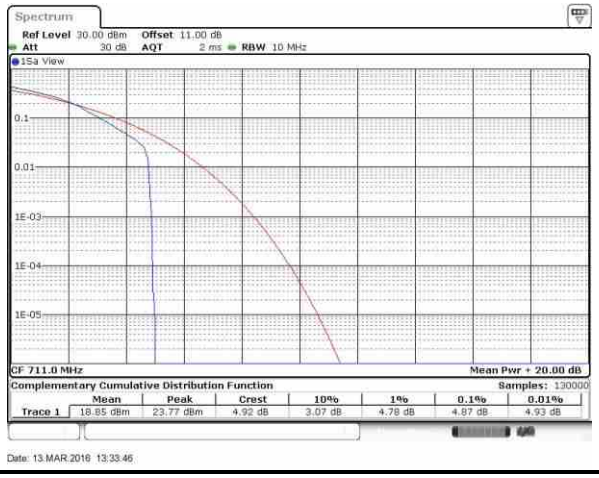
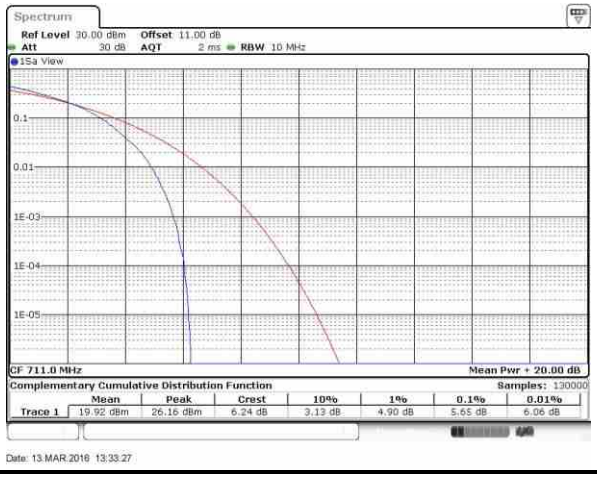
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

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	3.94	4.55	4.87	5.54	PASS
Middle CH	4.03	4.64	4.87	5.59	
Highest CH	3.88	4.67	4.87	5.65	

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**
	

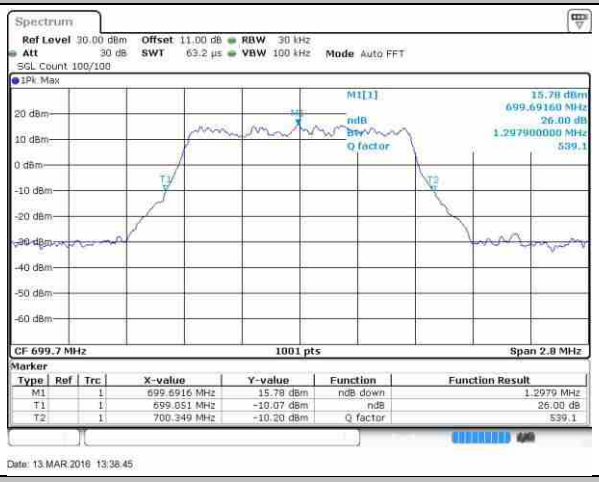
LTE Band 12 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

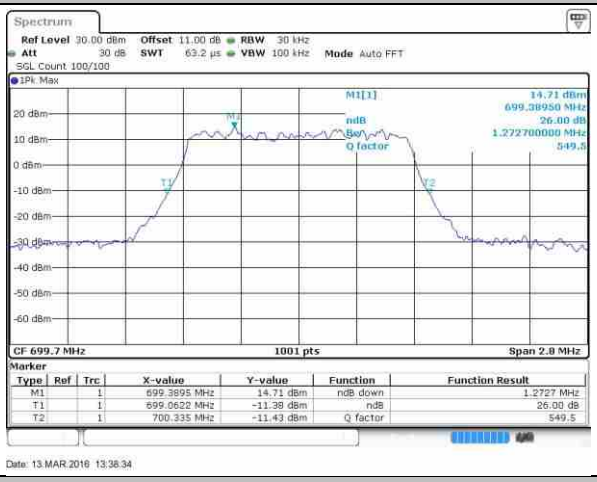
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.3	1.27	3	3.02	4.92	4.91	9.75	9.79	-	-	-	-
Middle CH	1.26	1.28	3.03	3	4.93	4.91	9.97	9.81	-	-	-	-
Highest CH	1.27	1.31	2.99	2.97	4.9	4.95	9.63	9.75	-	-	-	-

LTE Band 12

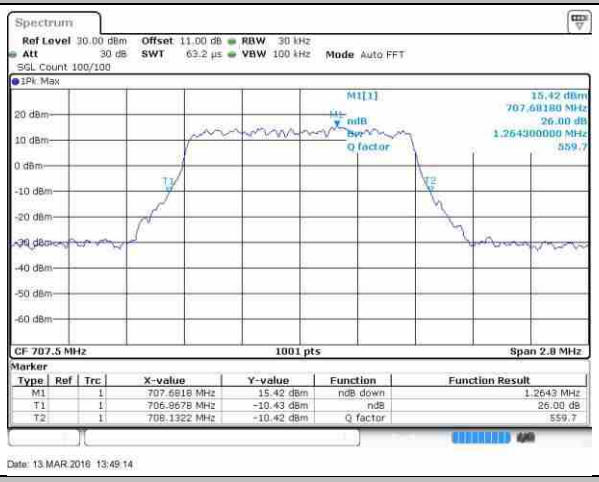
Lowest Channel / 1.4MHz / QPSK



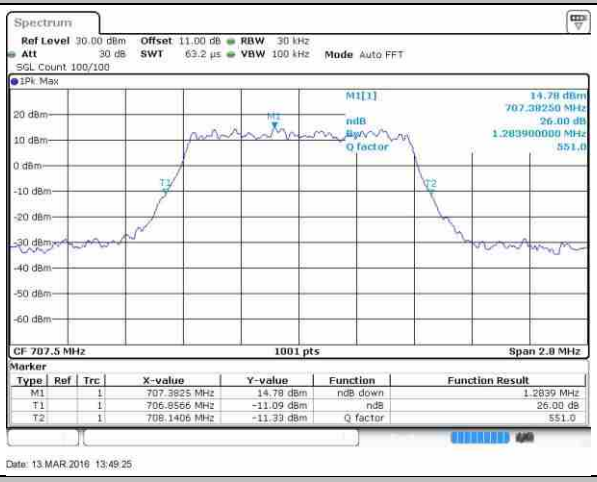
Lowest Channel / 1.4MHz / 16QAM



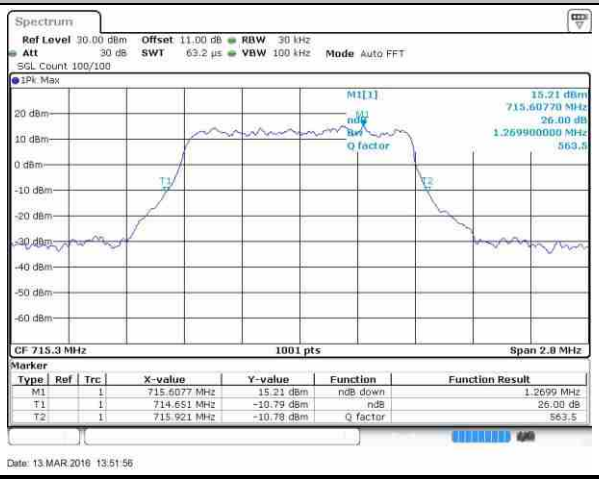
Middle Channel / 1.4MHz / QPSK



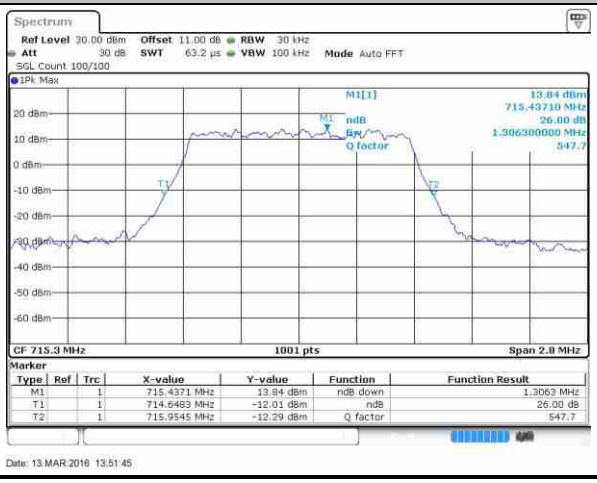
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

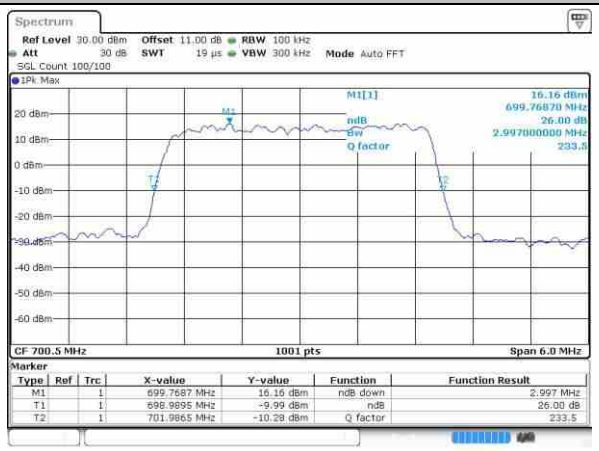


Highest Channel / 1.4MHz / 16QAM

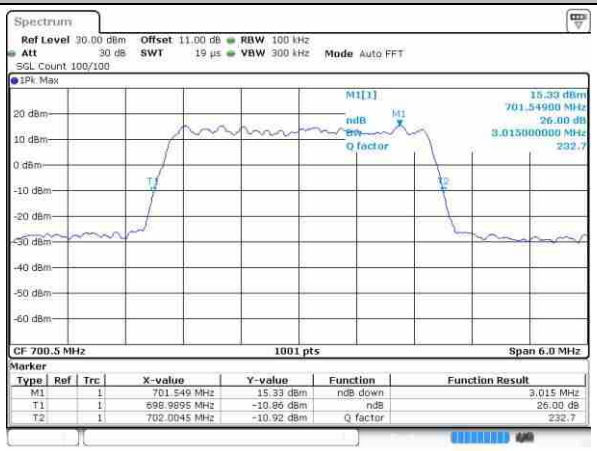


LTE Band 12

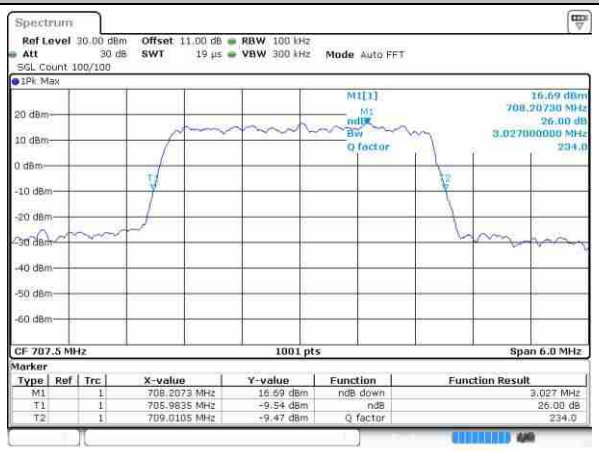
Lowest Channel / 3MHz / QPSK



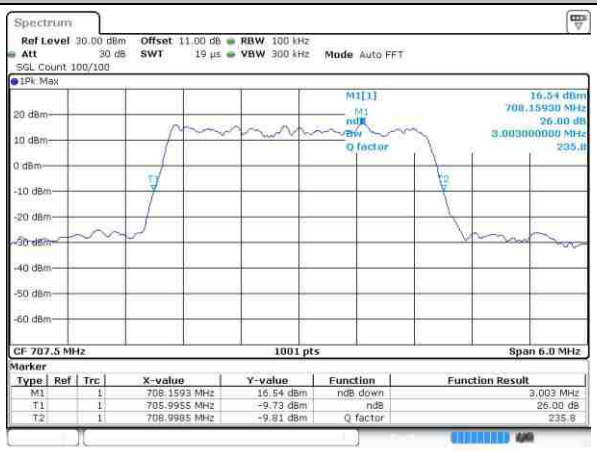
Lowest Channel / 3MHz / 16QAM



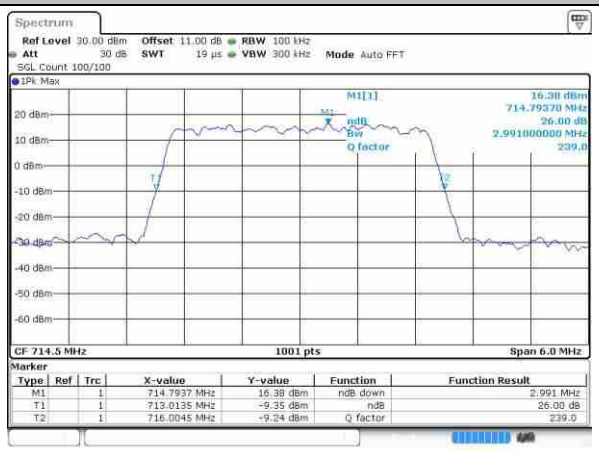
Middle Channel / 3MHz / QPSK



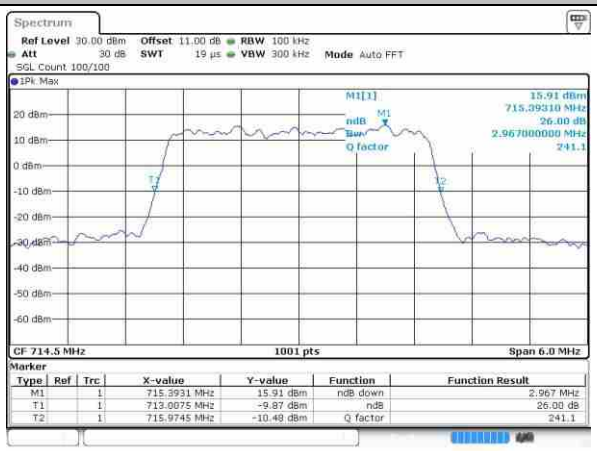
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

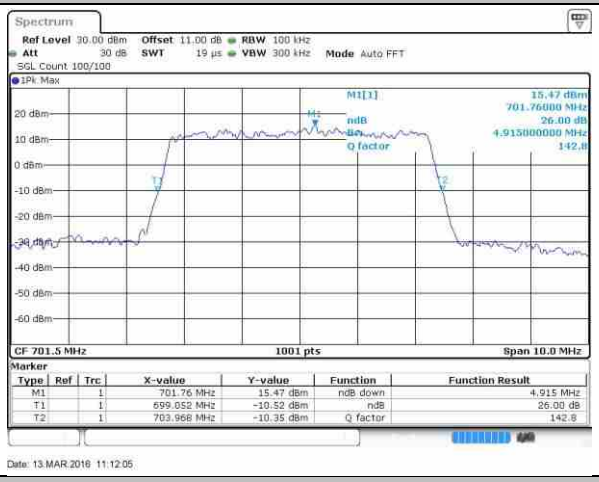


Highest Channel /3MHz / 16QAM

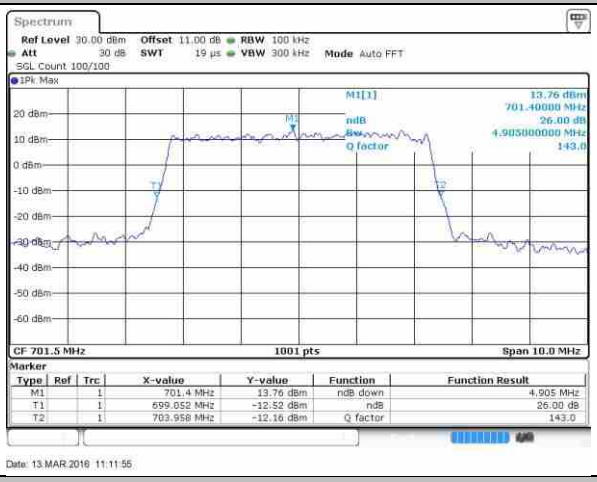


LTE Band 12

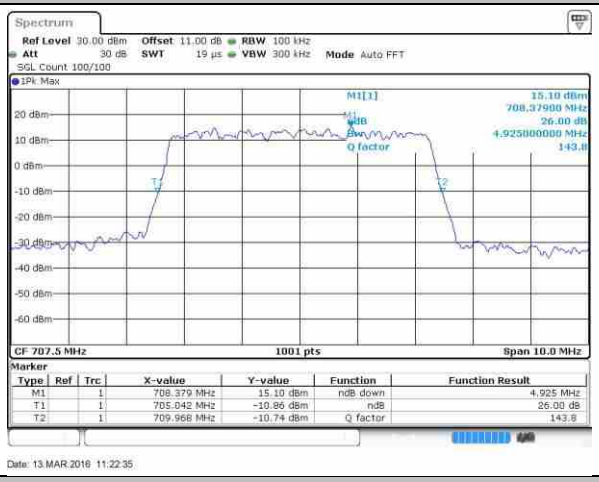
Lowest Channel / 5MHz / QPSK



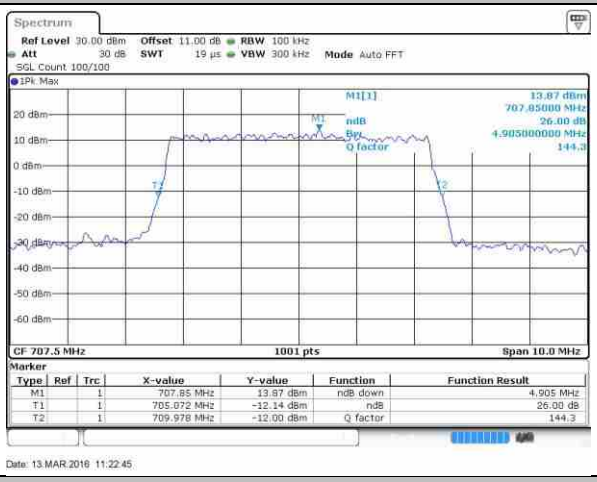
Lowest Channel / 5MHz / 16QAM



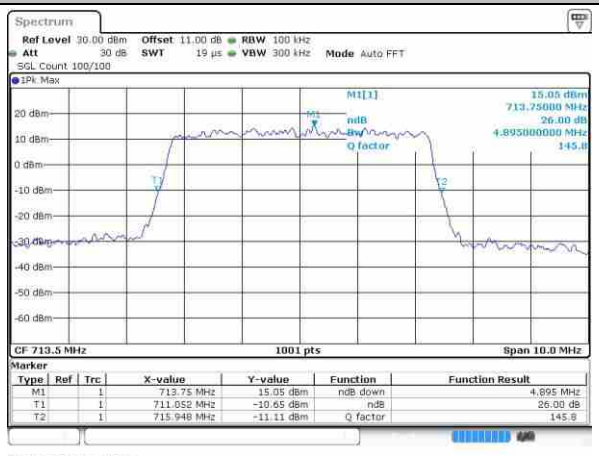
Middle Channel / 5MHz / QPSK



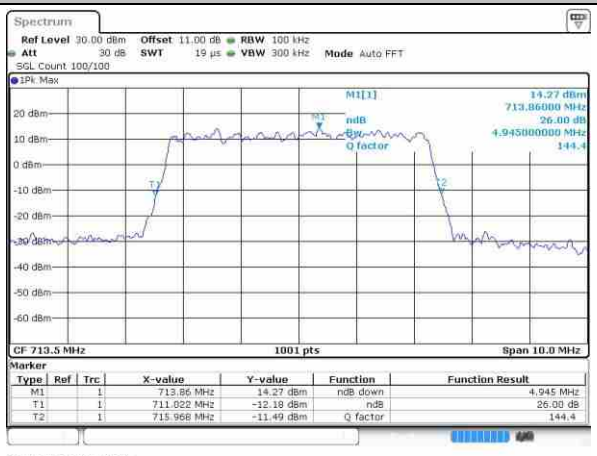
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

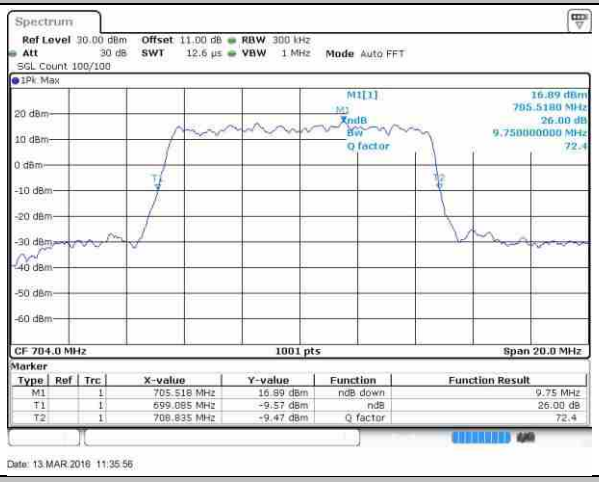


Highest Channel / 5MHz / 16QAM

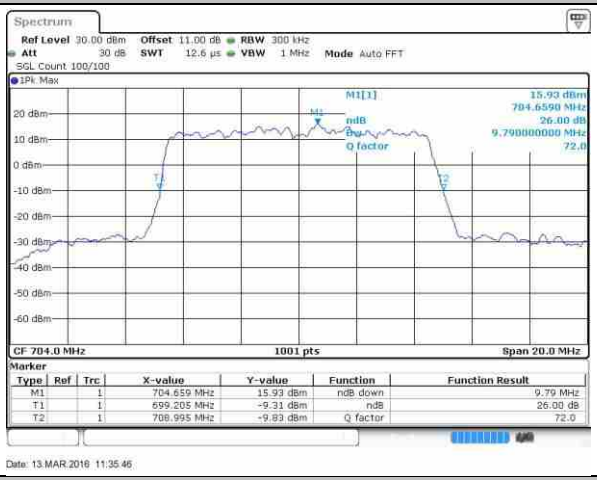


LTE Band 12

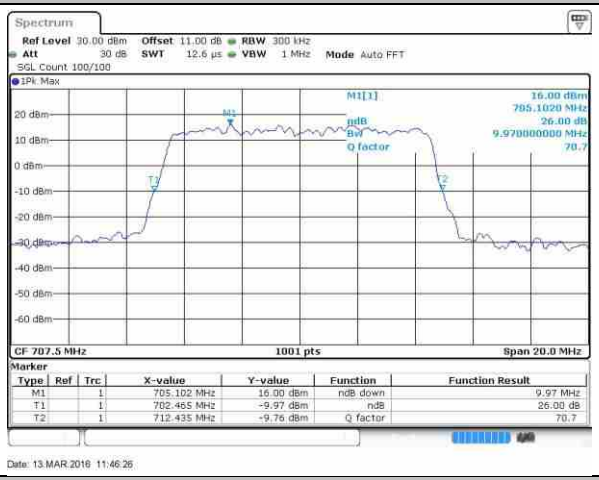
Lowest Channel / 10MHz / QPSK



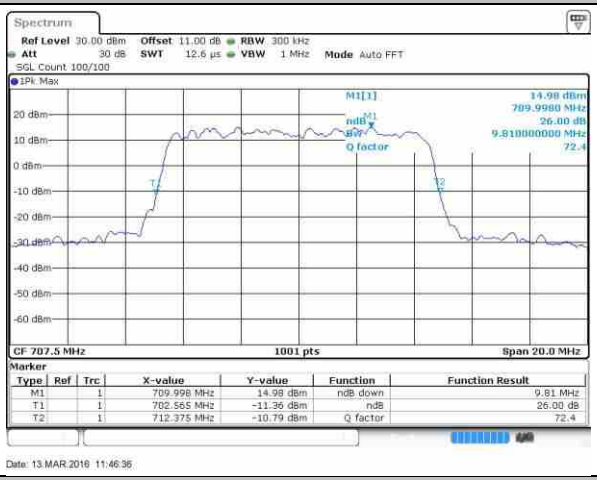
Lowest Channel / 10MHz / 16QAM



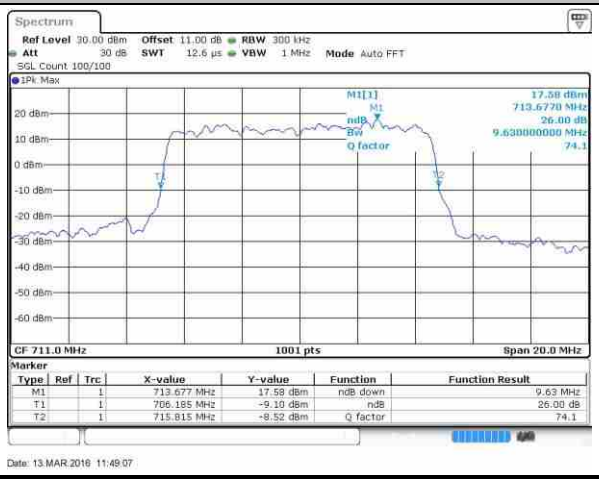
Middle Channel / 10MHz / QPSK



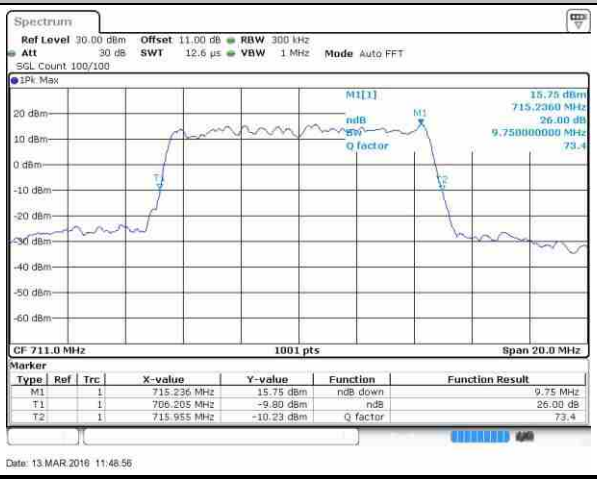
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

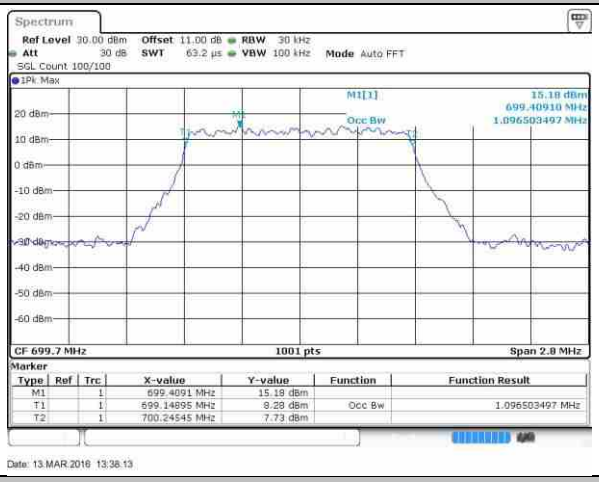


Occupied Bandwidth

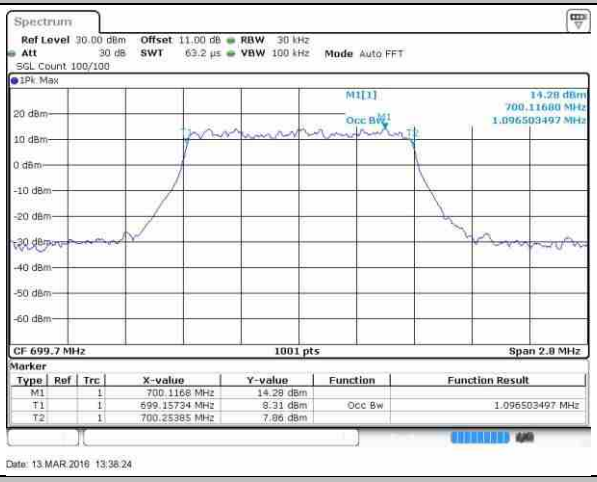
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.71	2.74	4.49	4.48	9.01	9.03	-	-	-	-
Middle CH	1.09	1.09	2.72	2.69	4.48	4.49	9.05	8.99	-	-	-	-
Highest CH	1.11	1.09	2.72	2.7	4.49	4.47	9.01	9.07	-	-	-	-

LTE Band 12

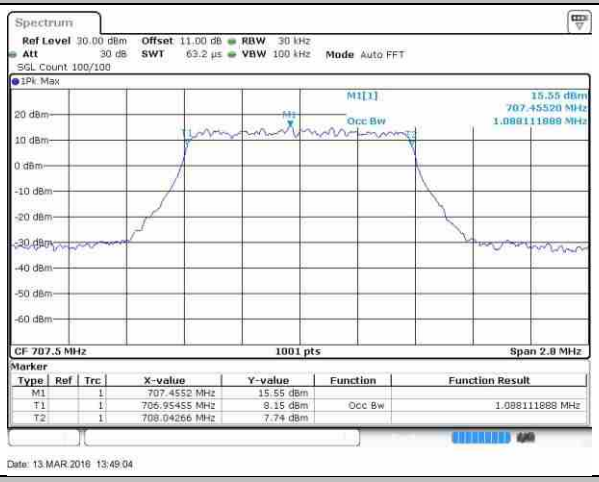
Lowest Channel / 1.4MHz / QPSK



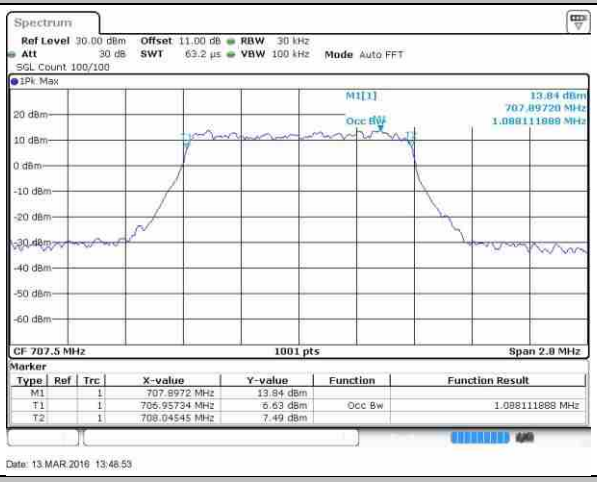
Lowest Channel / 1.4MHz / 16QAM



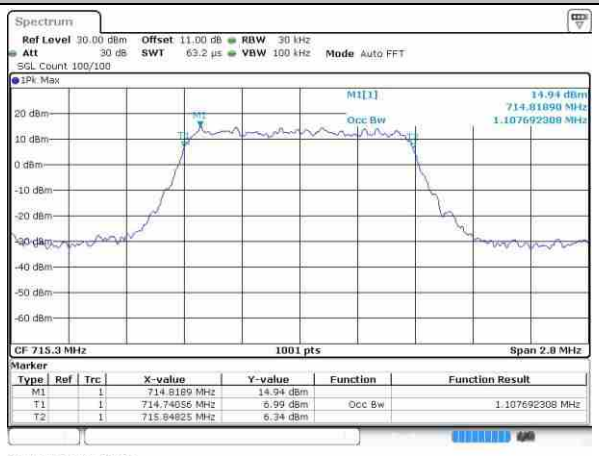
Middle Channel / 1.4MHz / QPSK



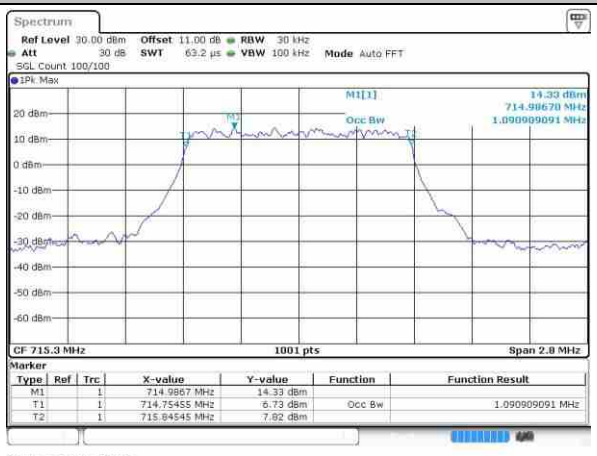
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

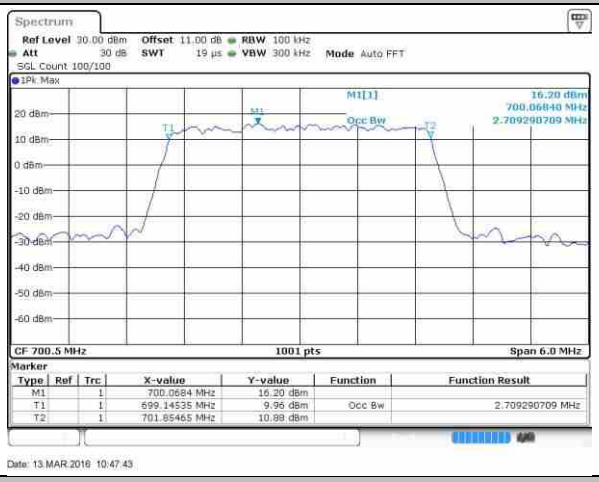


Highest Channel / 1.4MHz / 16QAM

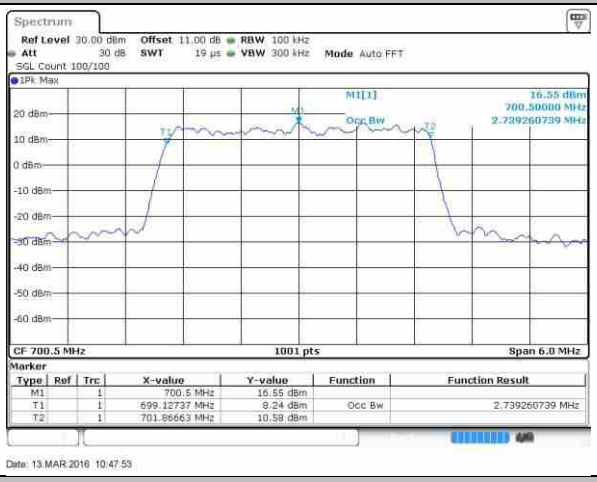


LTE Band 12

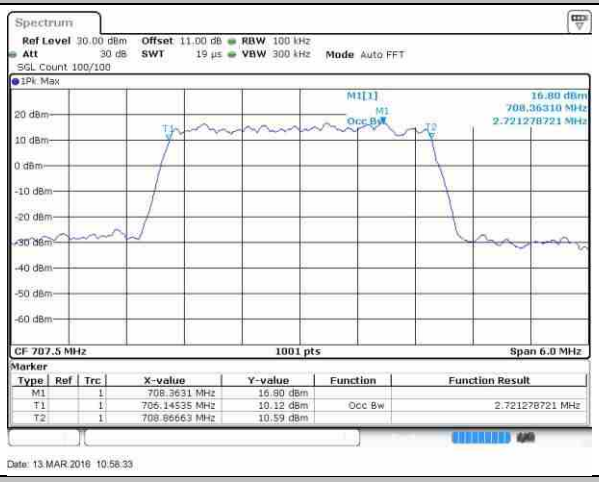
Lowest Channel / 3MHz / QPSK



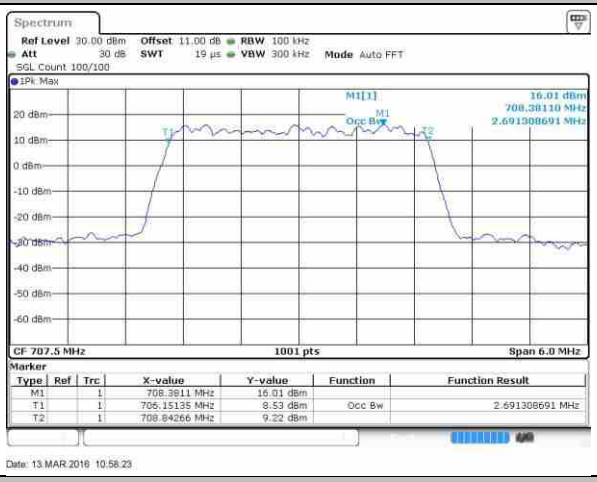
Lowest Channel / 3MHz / 16QAM



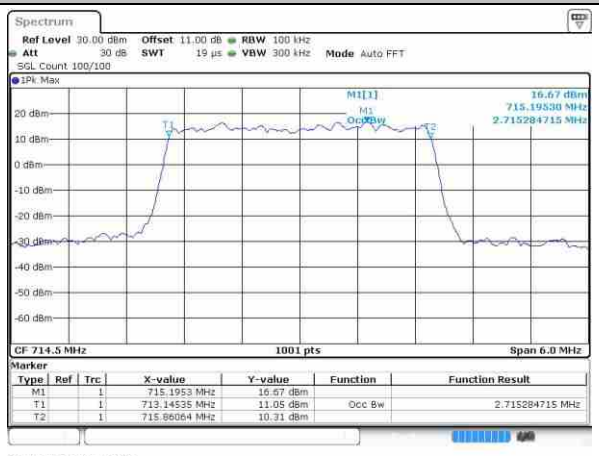
Middle Channel / 3MHz / QPSK



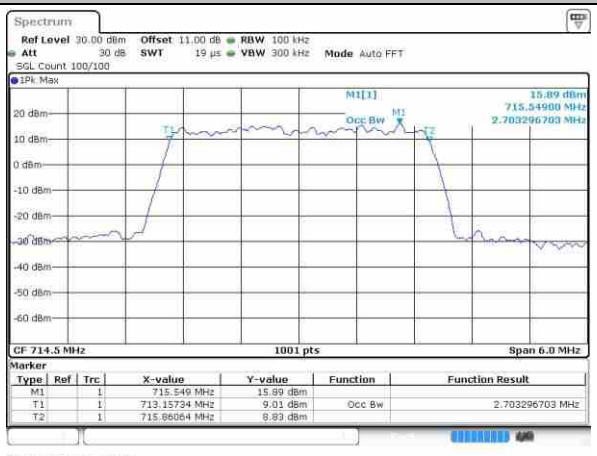
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

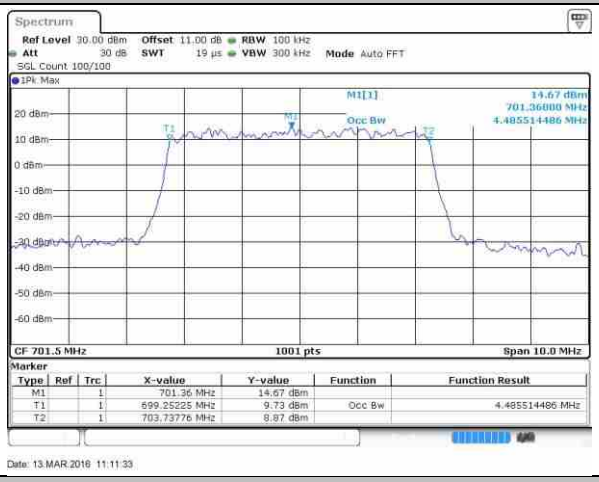


Highest Channel / 3MHz / 16QAM

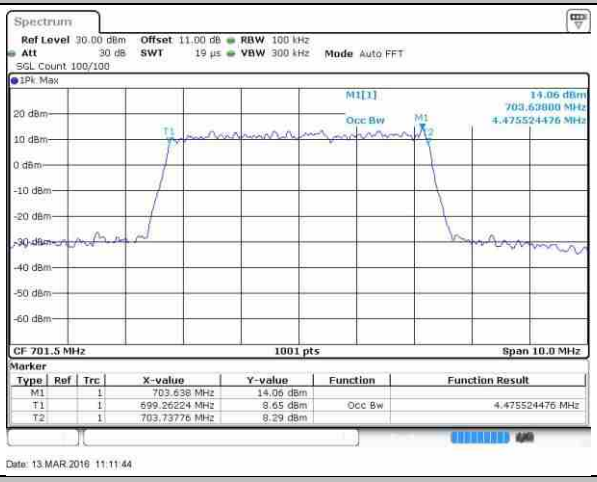


LTE Band 12

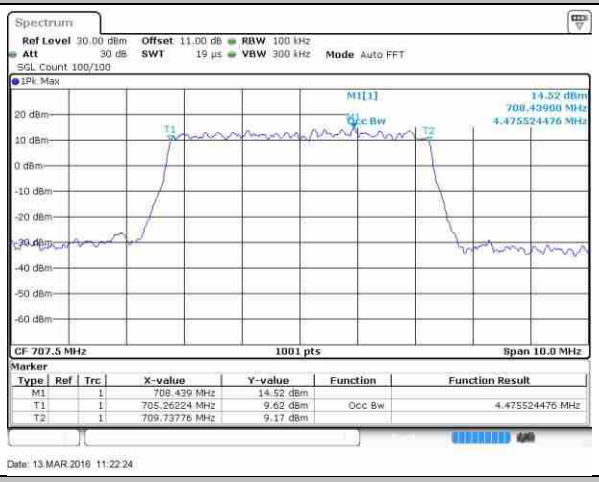
Lowest Channel / 5MHz / QPSK



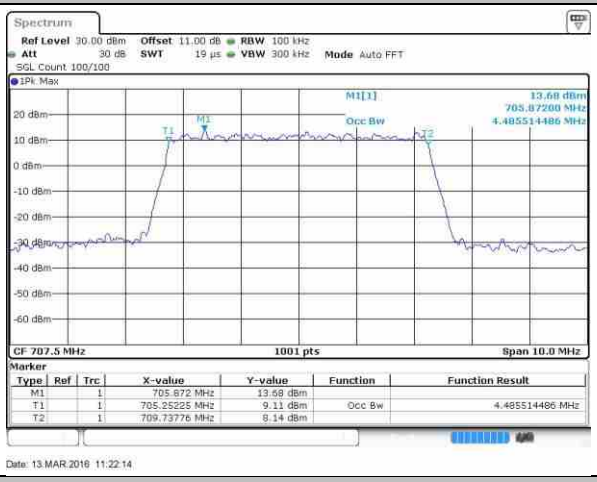
Lowest Channel / 5MHz / 16QAM



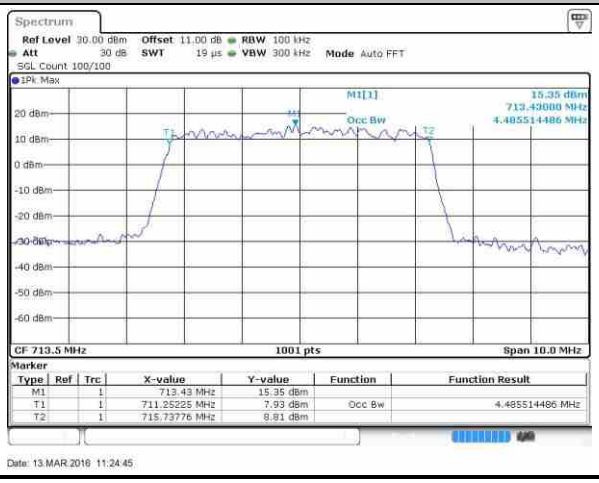
Middle Channel / 5MHz / QPSK



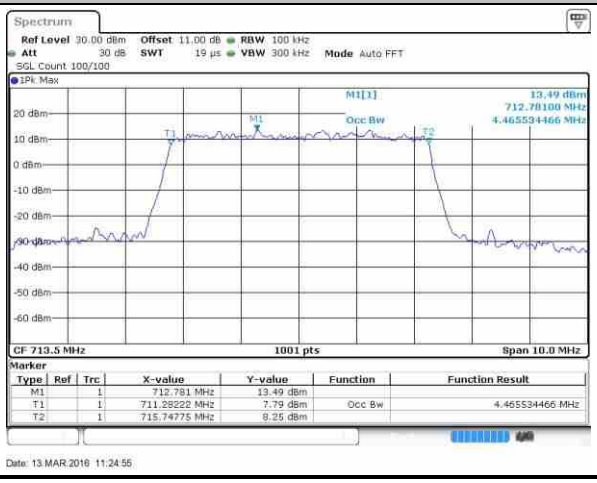
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

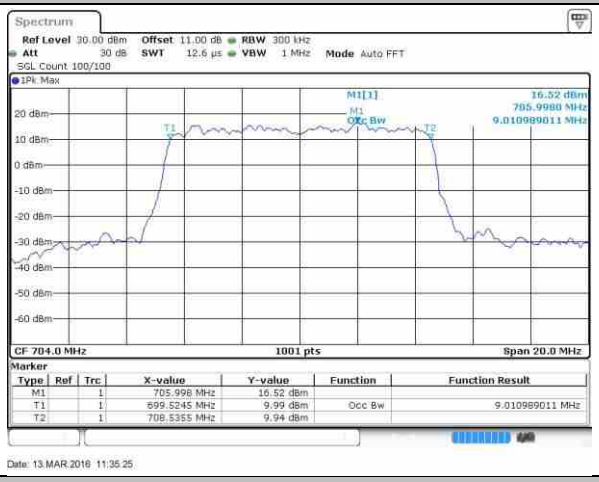


Highest Channel / 5MHz / 16QAM

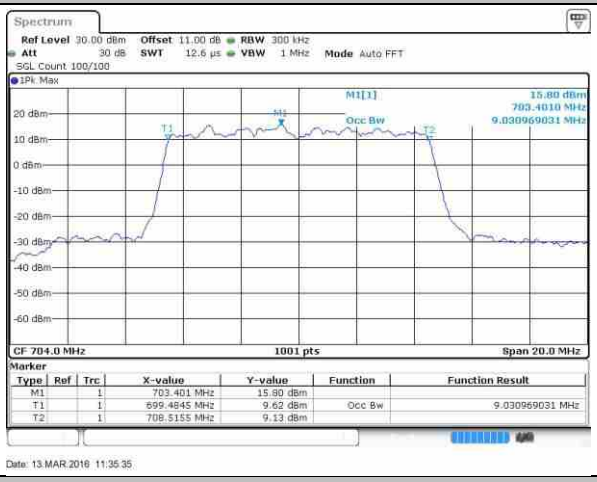


LTE Band 12

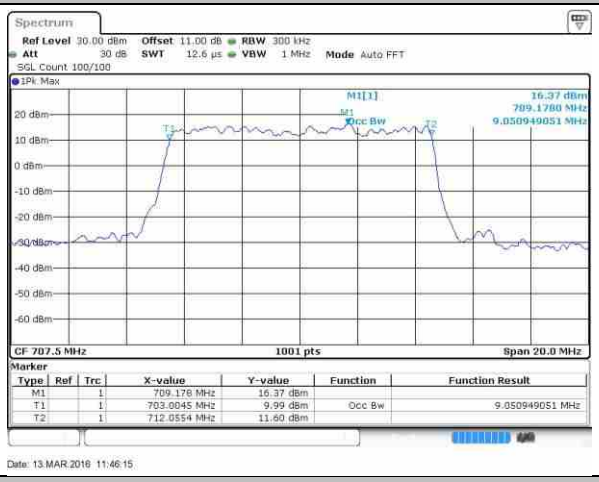
Lowest Channel / 10MHz / QPSK



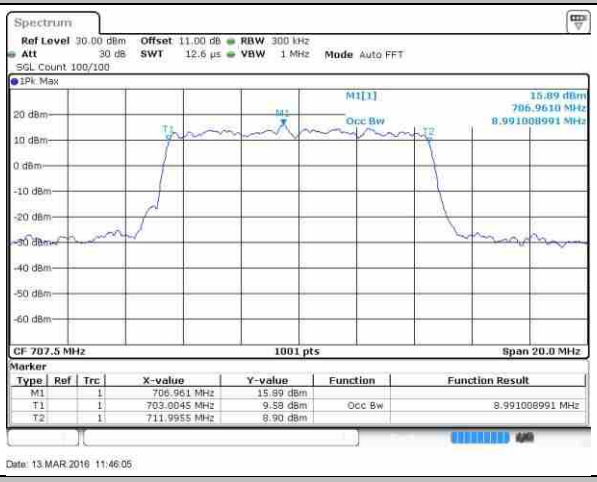
Lowest Channel / 10MHz / 16QAM



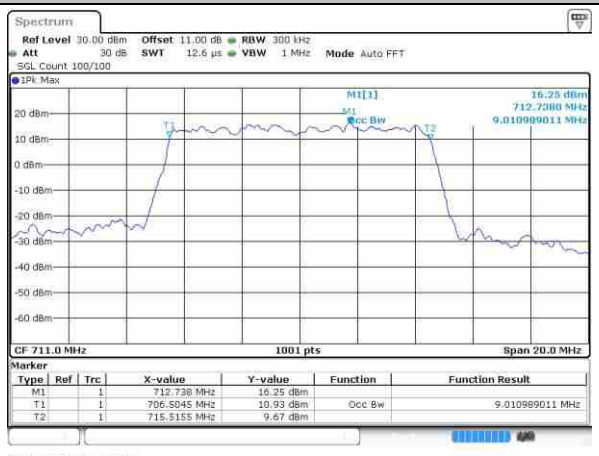
Middle Channel / 10MHz / QPSK



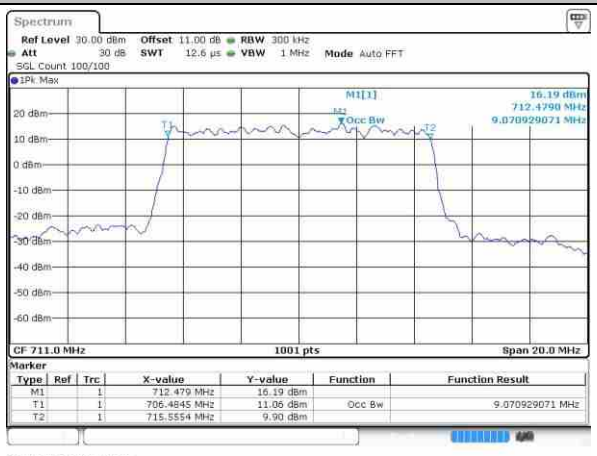
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



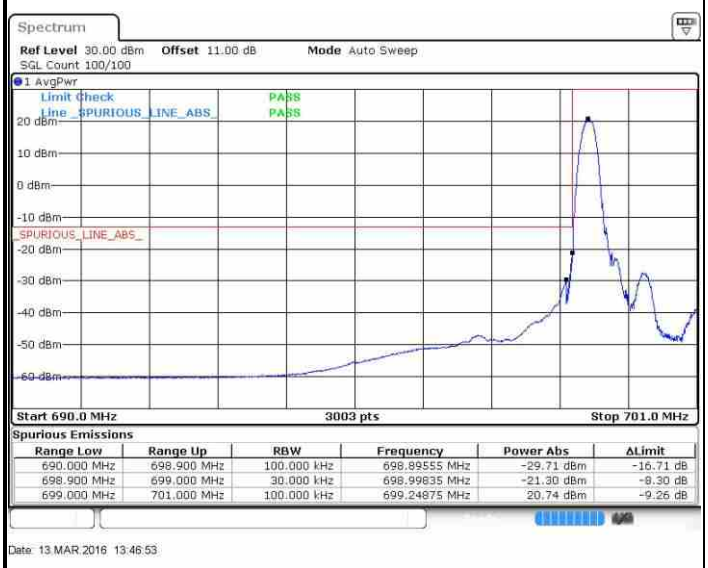
Highest Channel / 10MHz / 16QAM



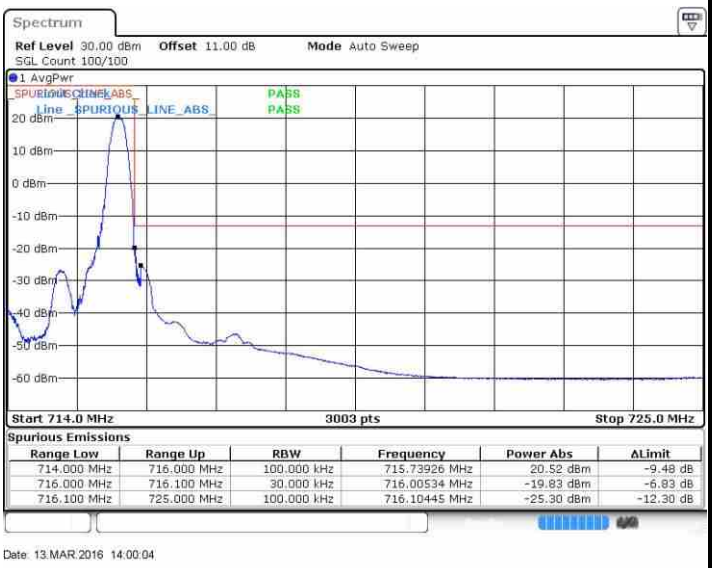
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

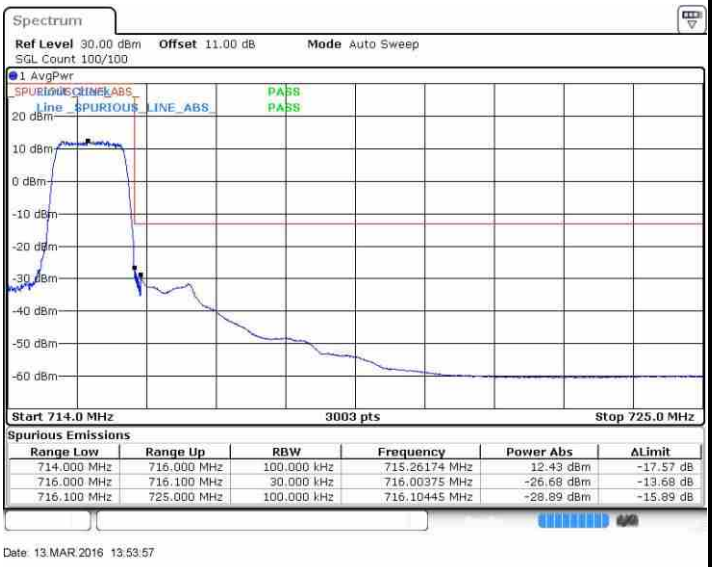


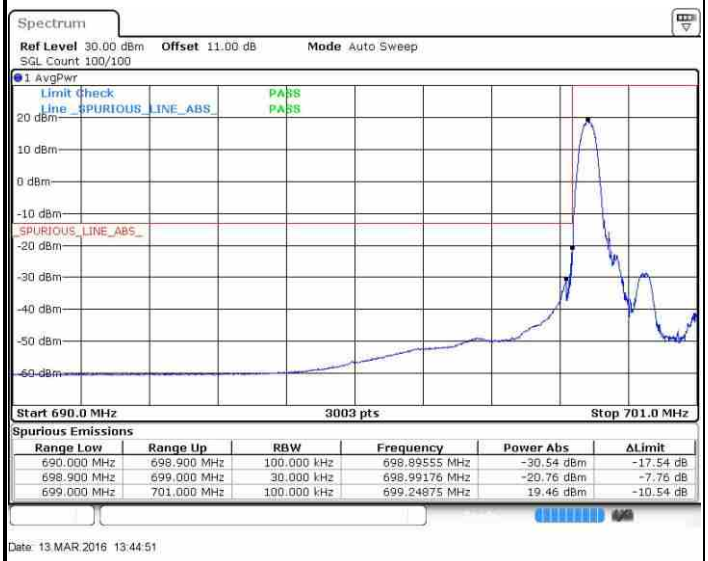
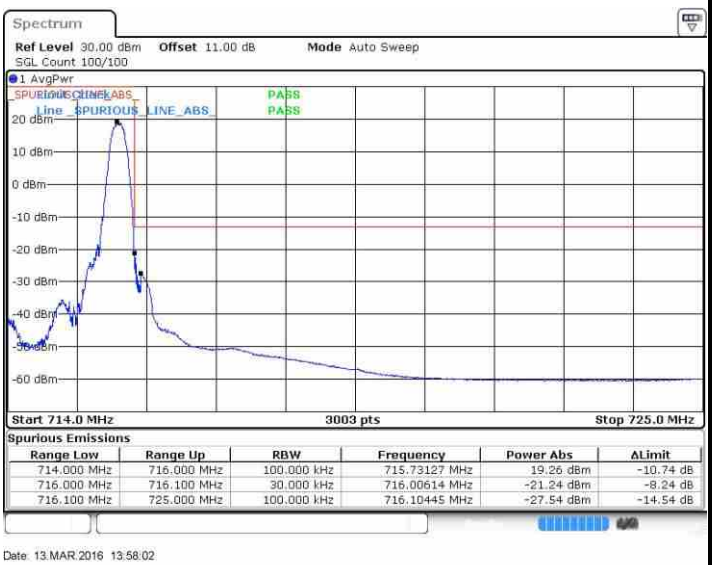
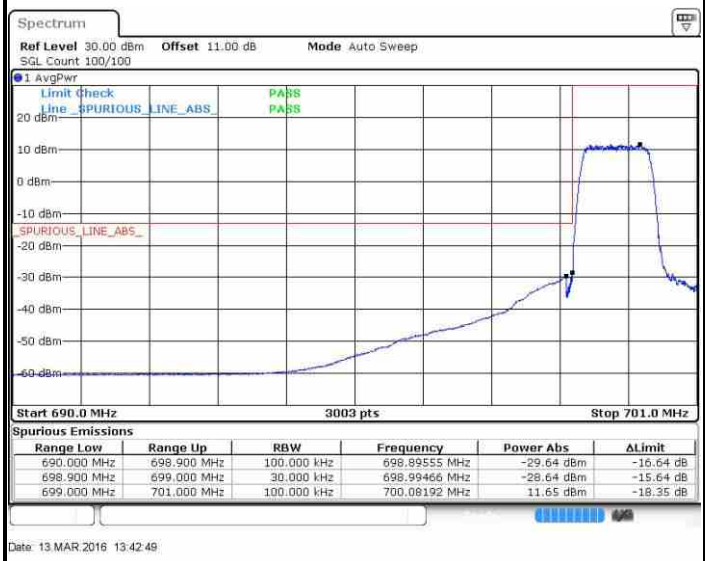
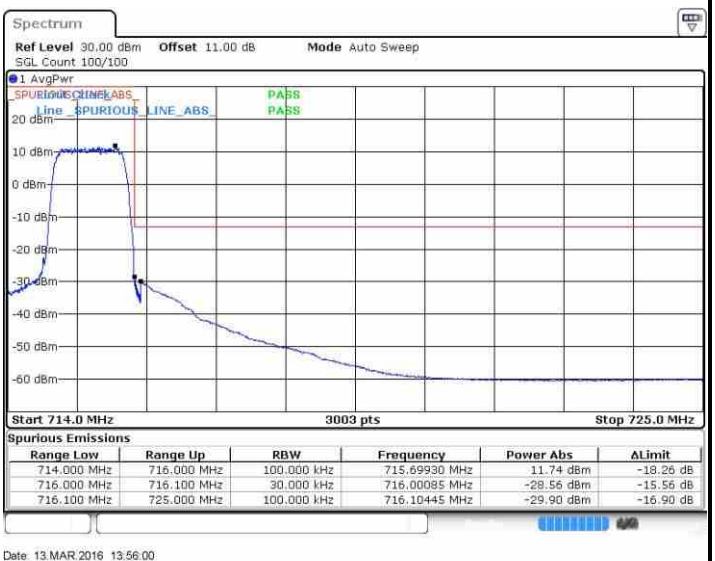
Highest Band Edge / 1RB

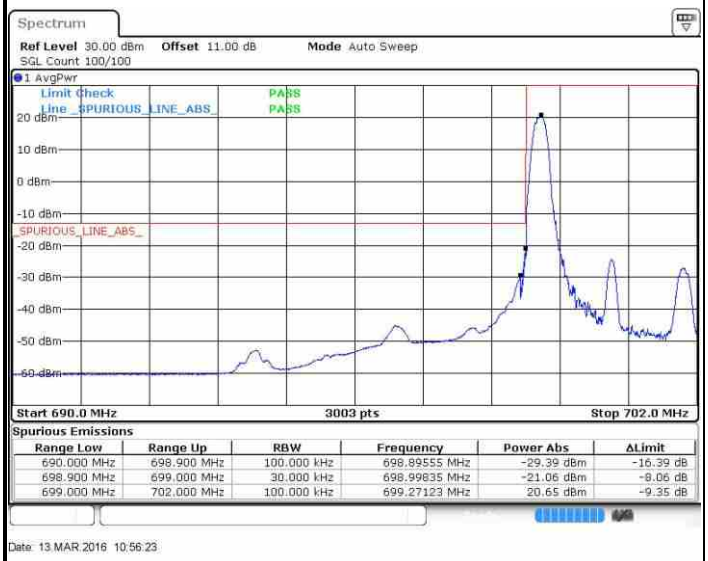
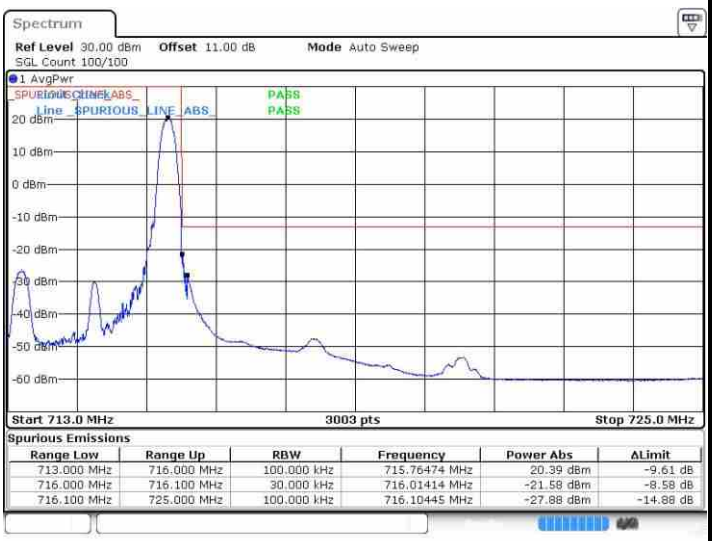
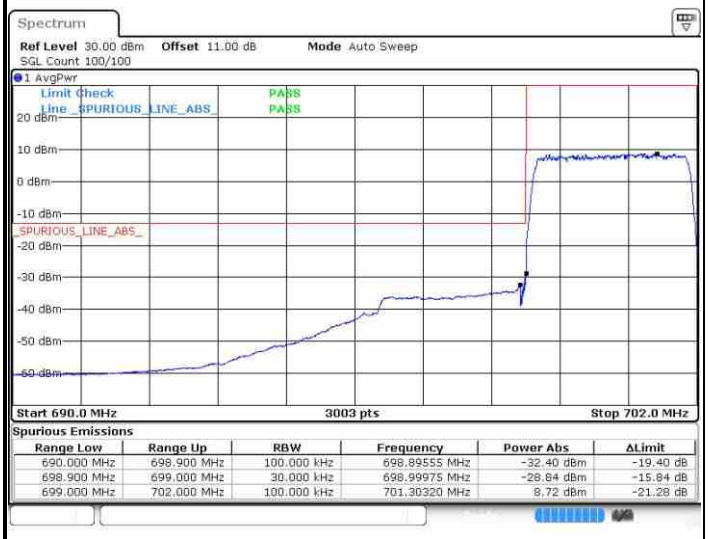
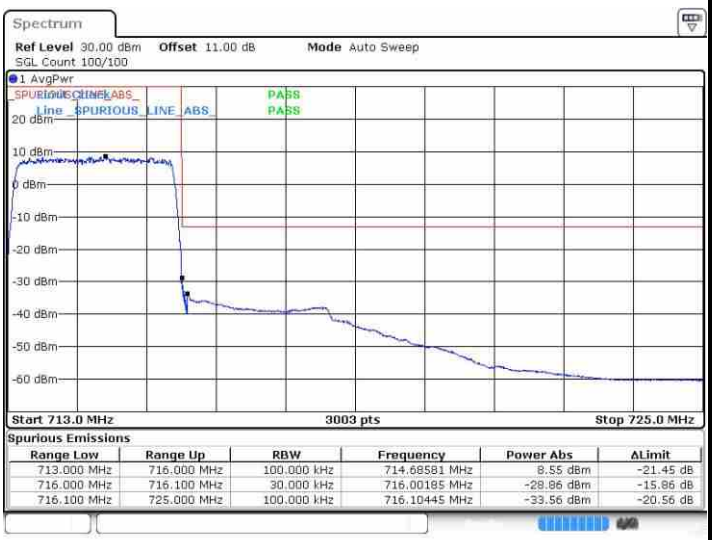


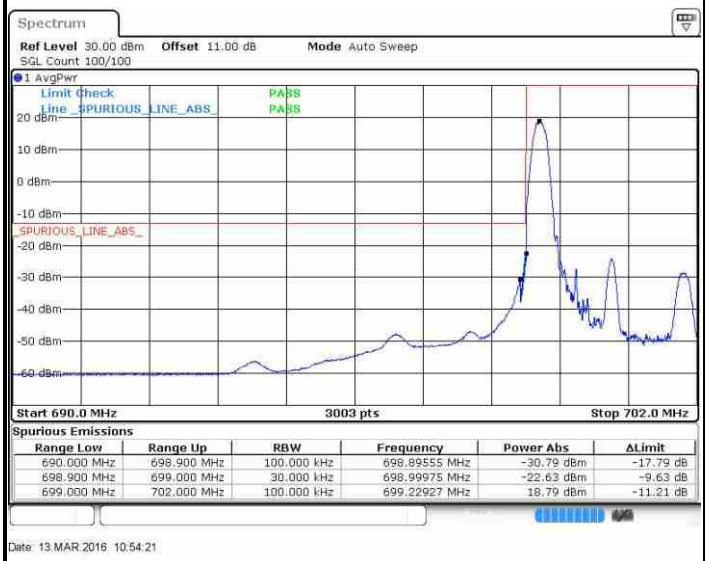
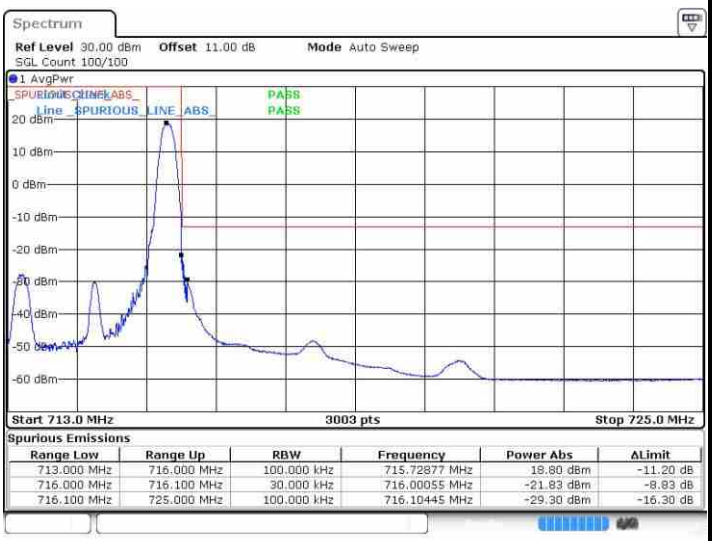
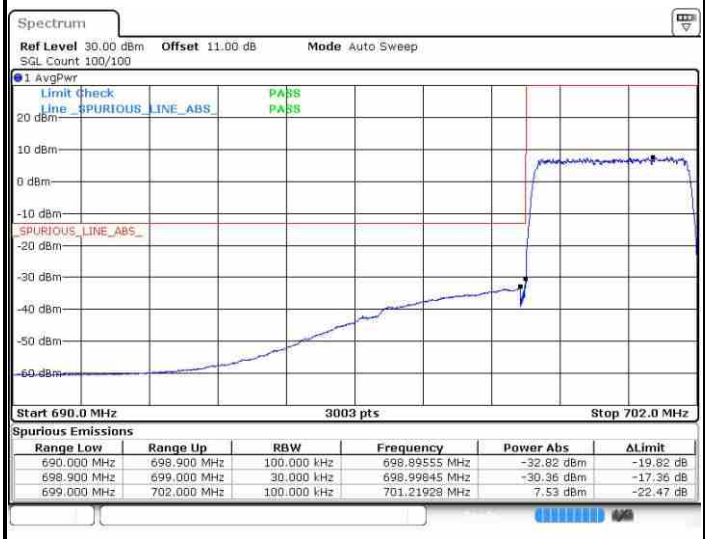
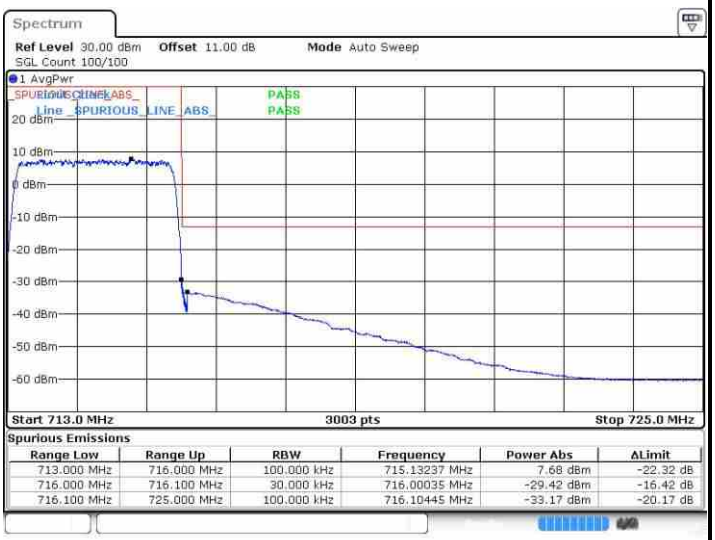
Lowest Band Edge / Full RB

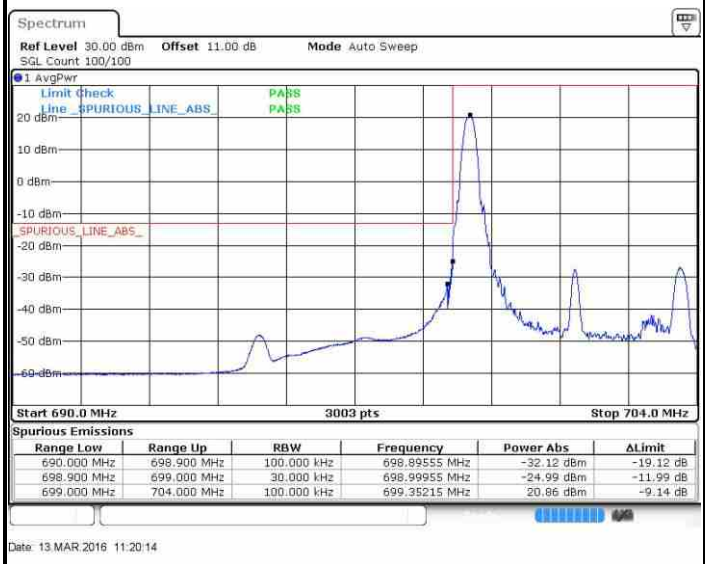
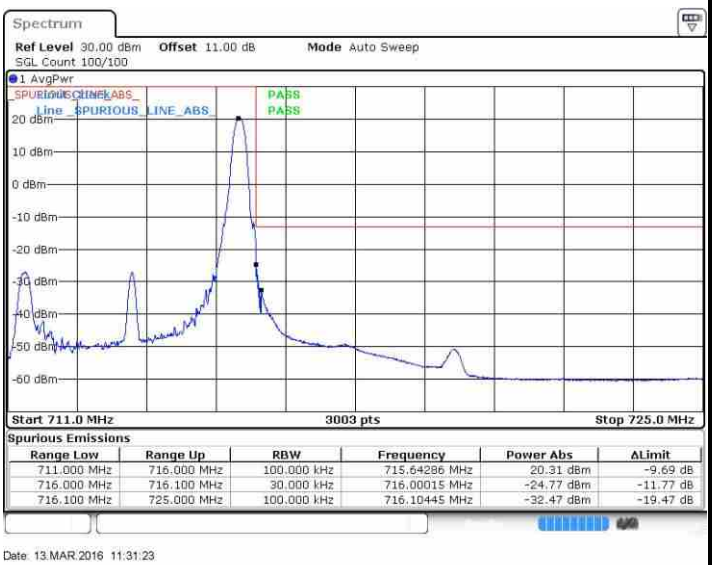
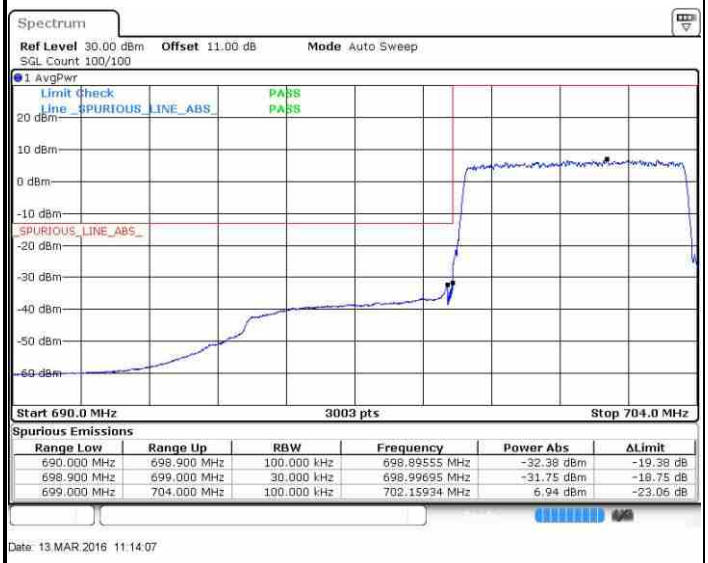
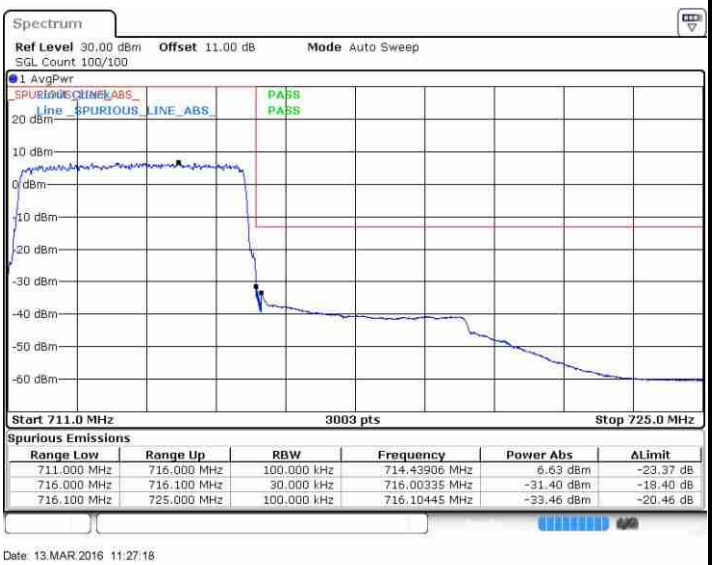
Highest Band Edge / Full RB

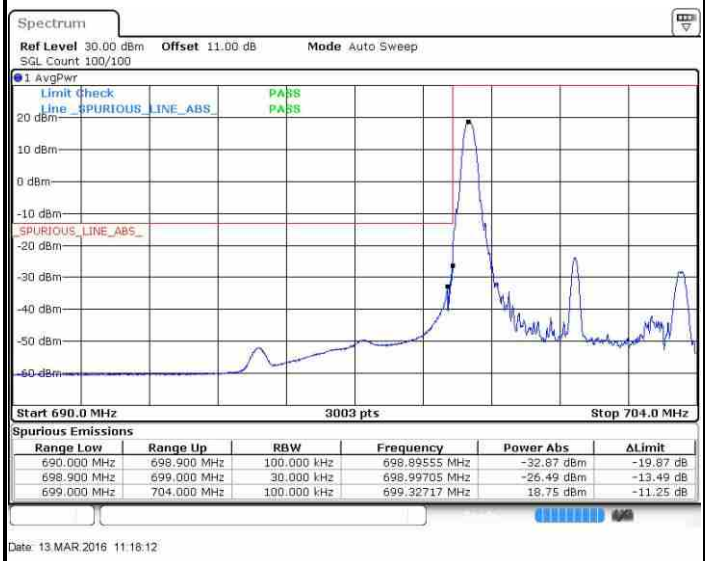
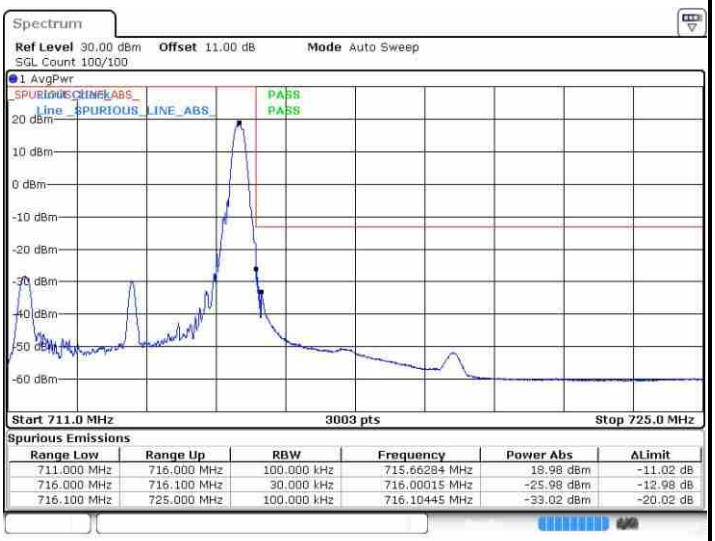
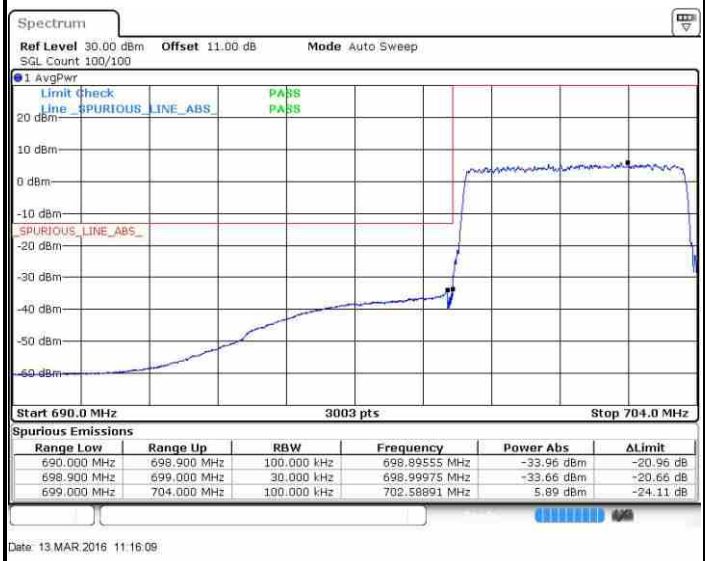
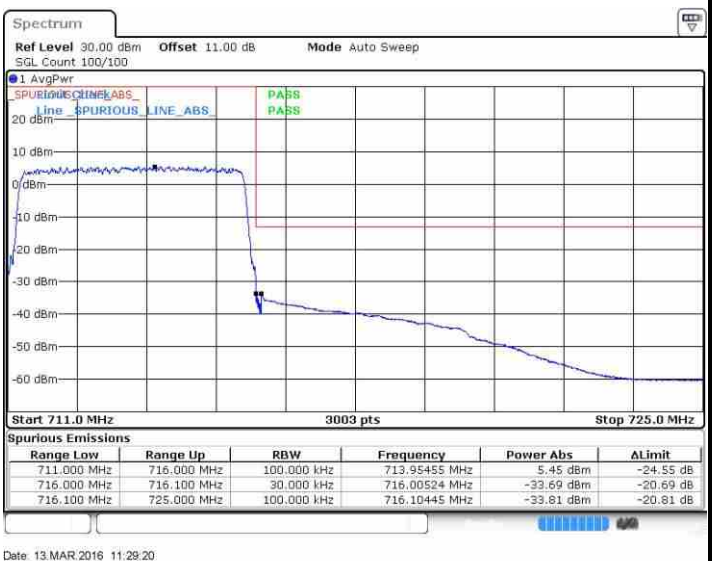


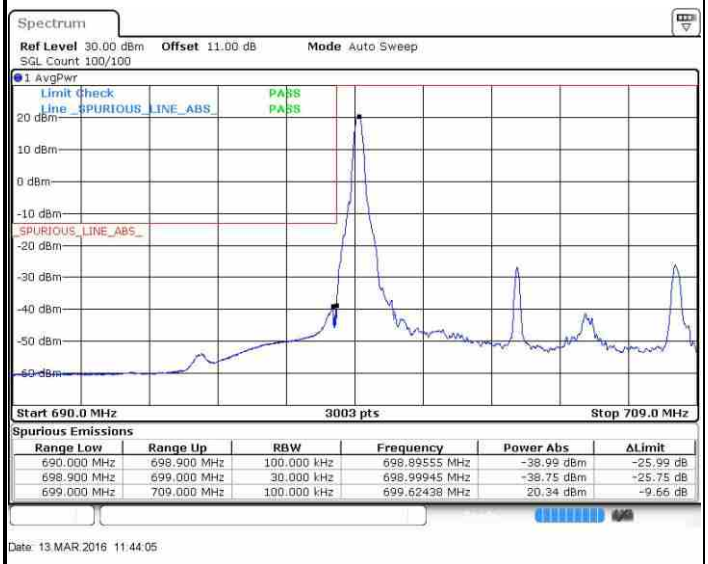
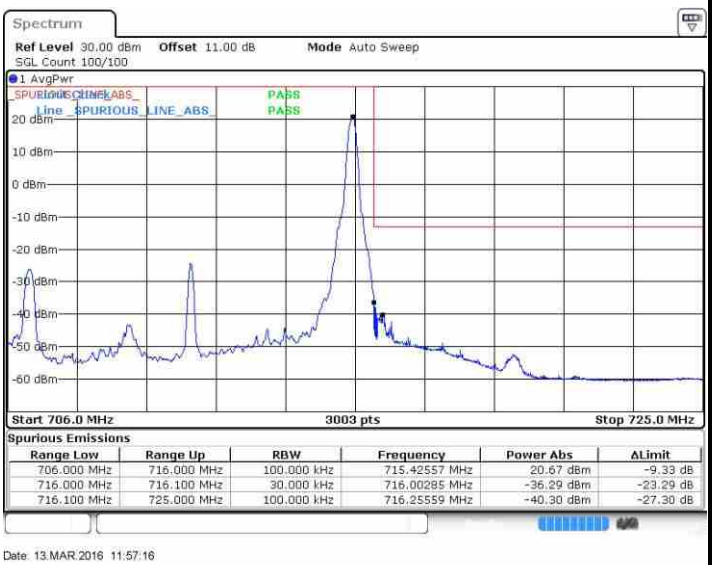
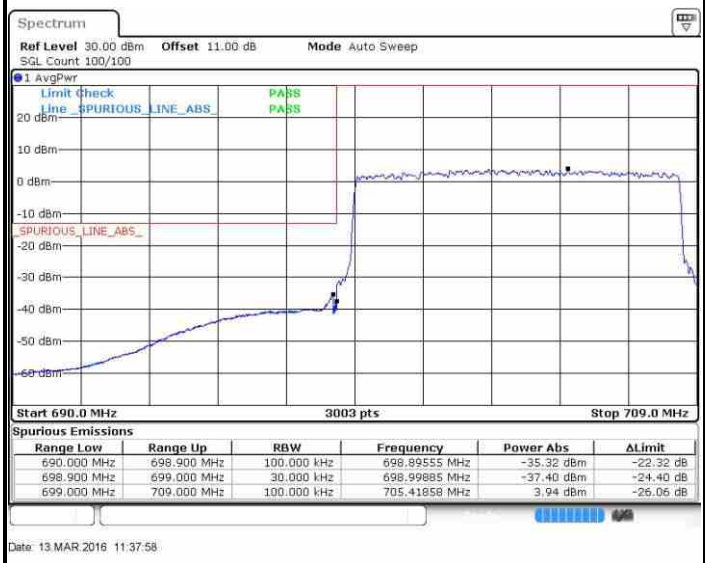
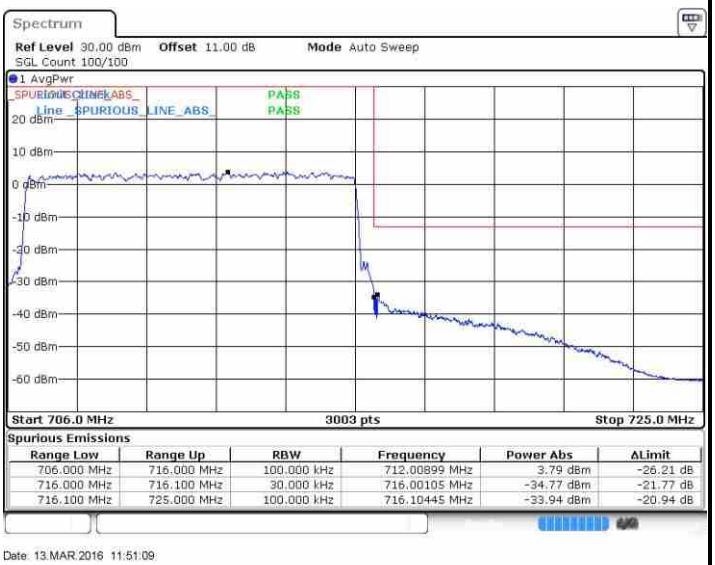
LTE Band 12 / 1.4MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 3MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 12 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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