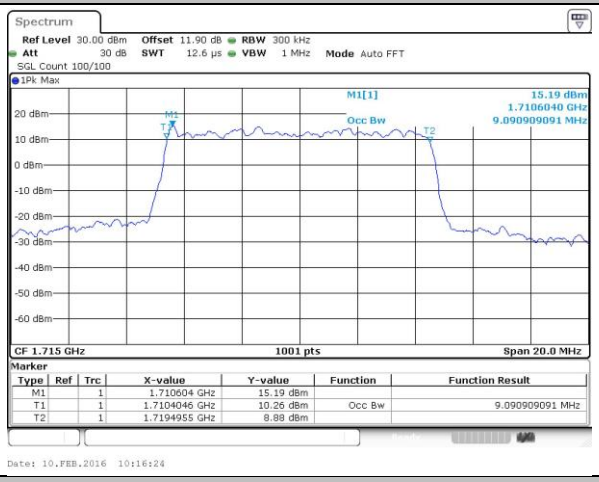
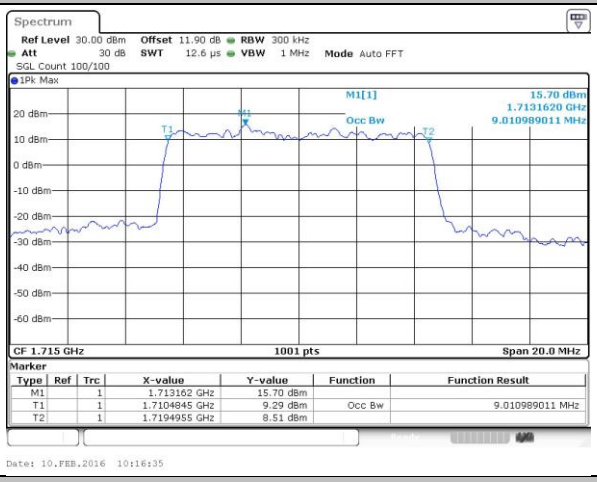
LTE Band 4

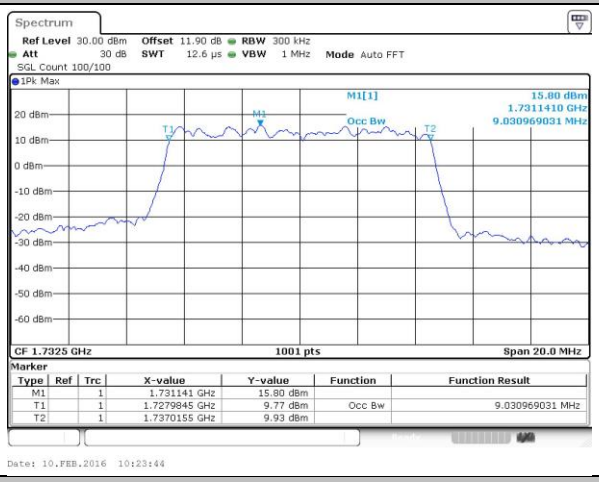
Lowest Channel / 10MHz / QPSK



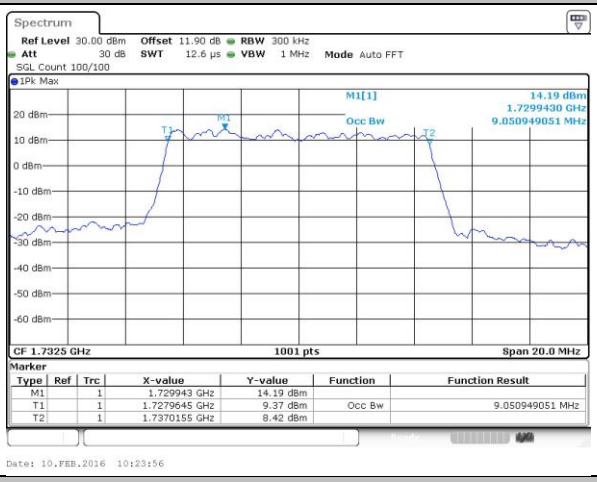
Lowest Channel / 10MHz / 16QAM



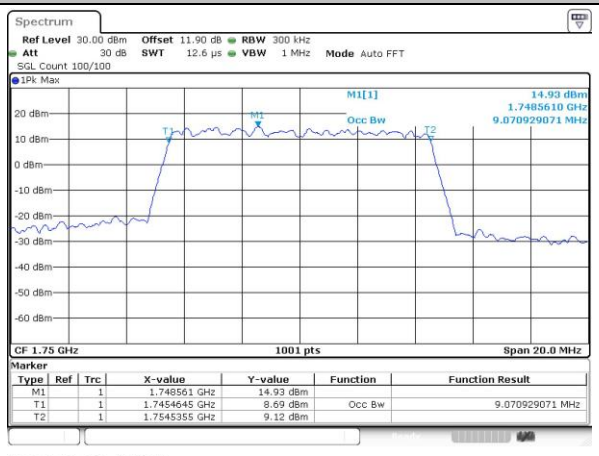
Middle Channel / 10MHz / QPSK



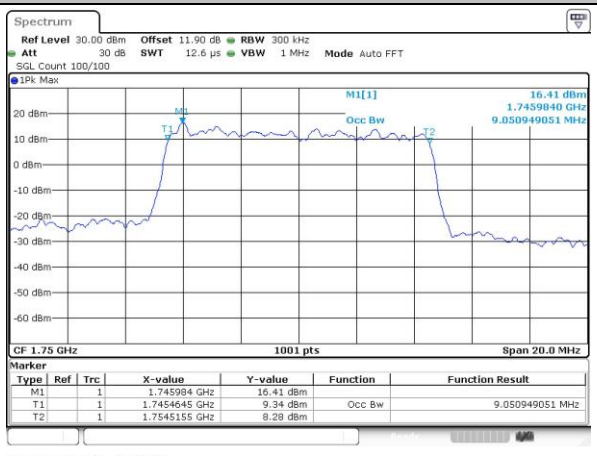
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

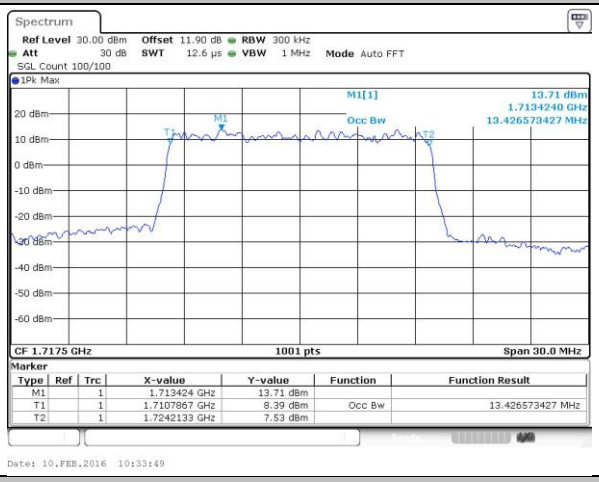


Highest Channel / 10MHz / 16QAM

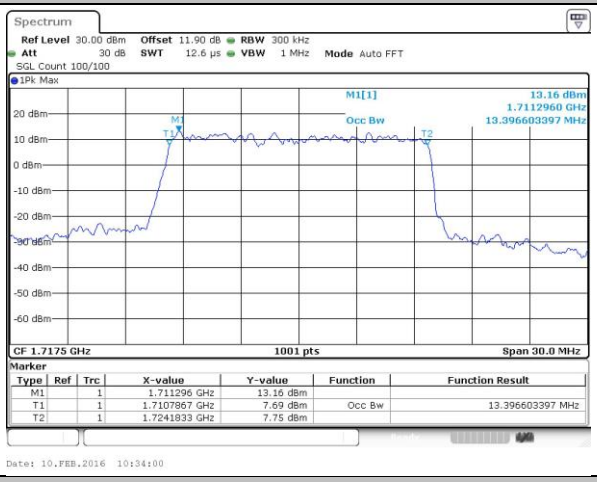


LTE Band 4

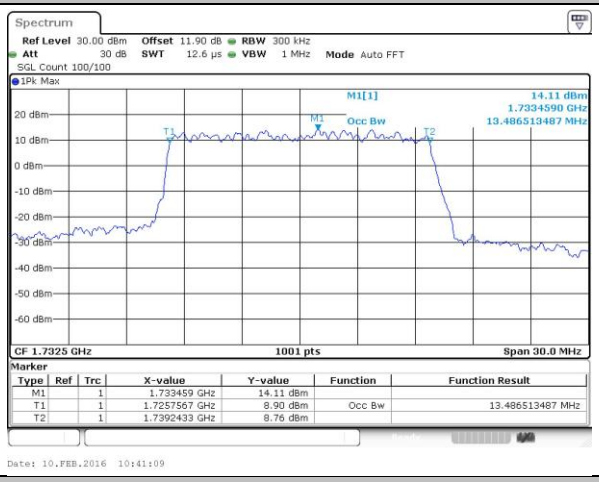
Lowest Channel / 15MHz / QPSK



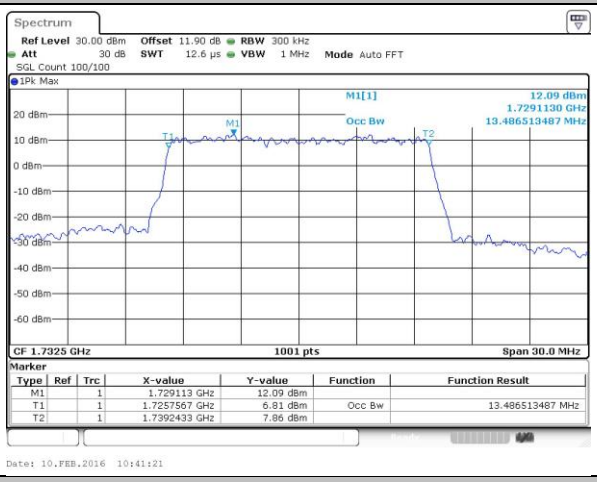
Lowest Channel / 15MHz / 16QAM



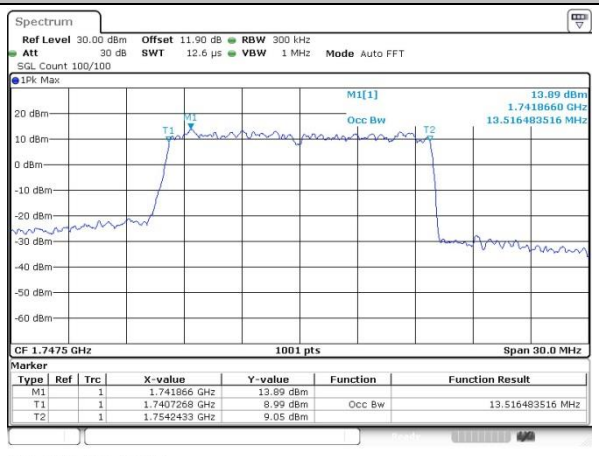
Middle Channel / 15MHz / QPSK



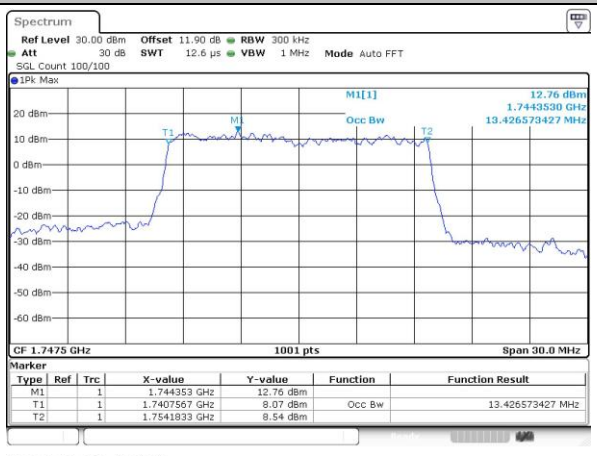
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

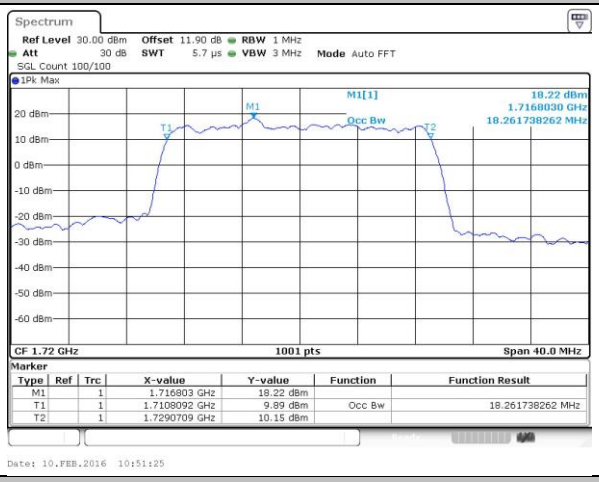


Highest Channel / 15MHz / 16QAM

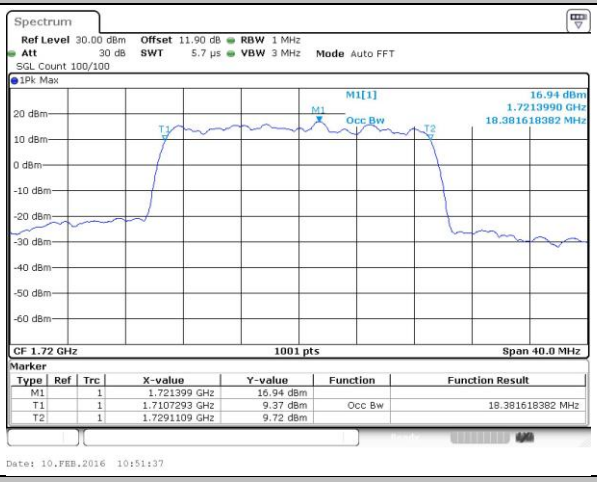


LTE Band 4

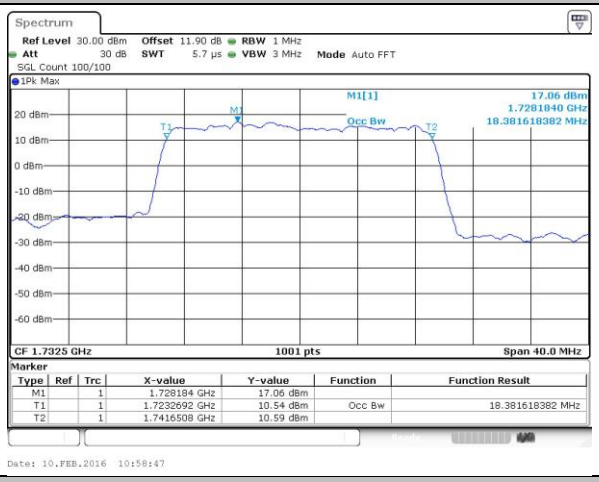
Lowest Channel / 20MHz / QPSK



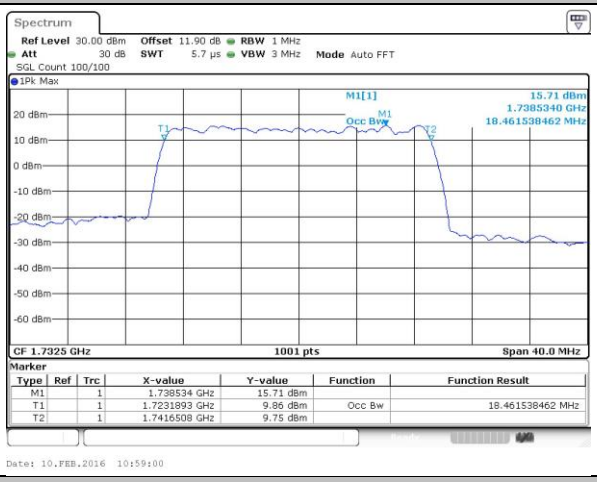
Lowest Channel / 20MHz / 16QAM



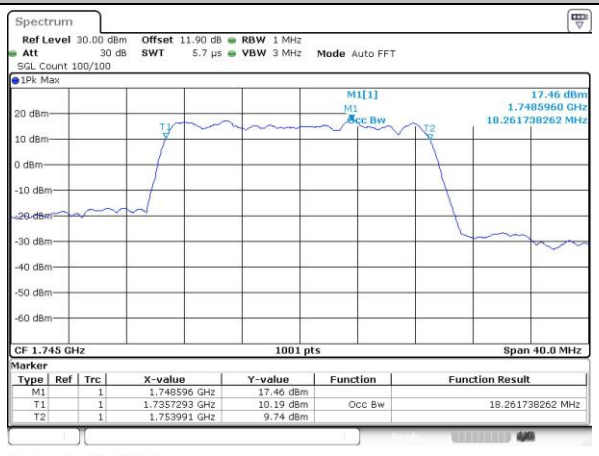
Middle Channel / 20MHz / QPSK



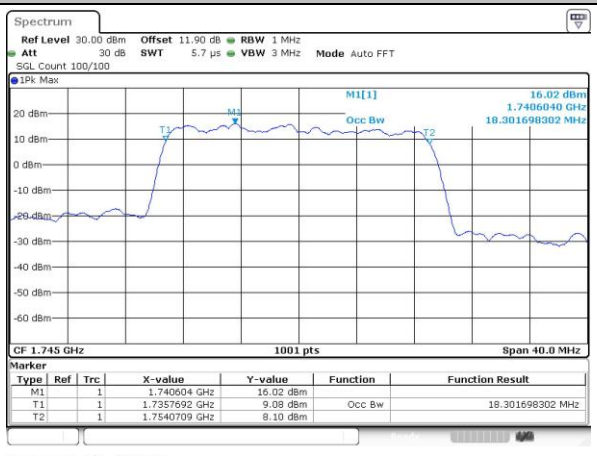
Middle Channel / 20MHz / 16QAM



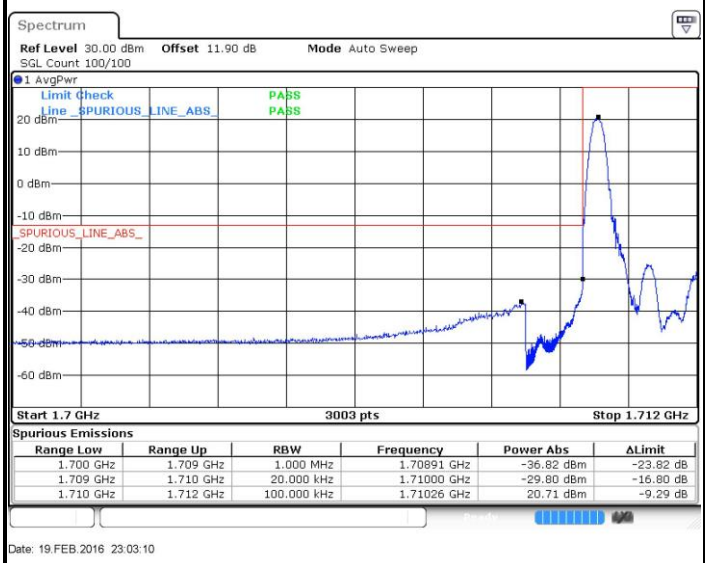
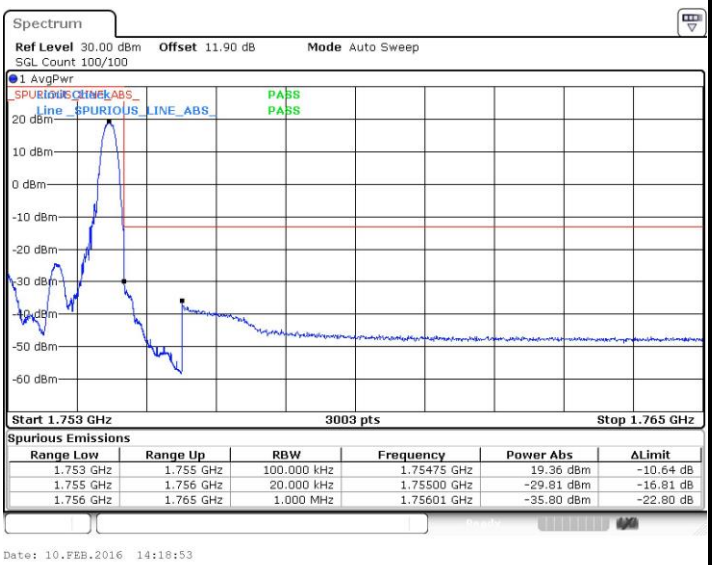
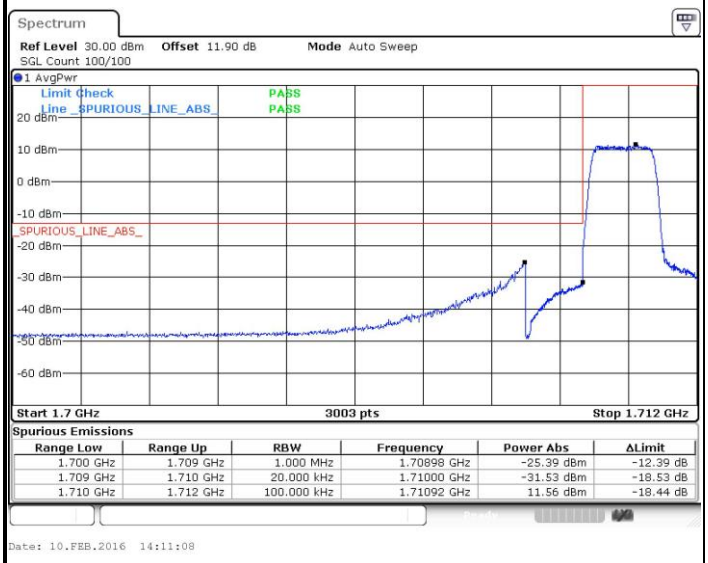
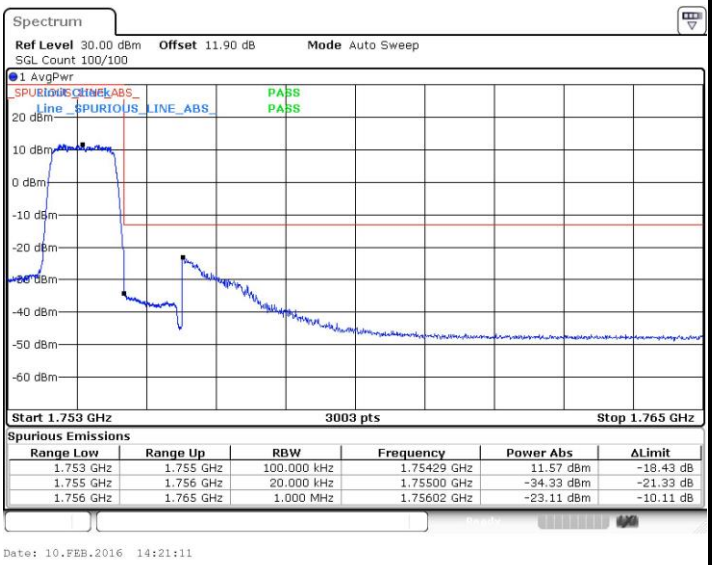
Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

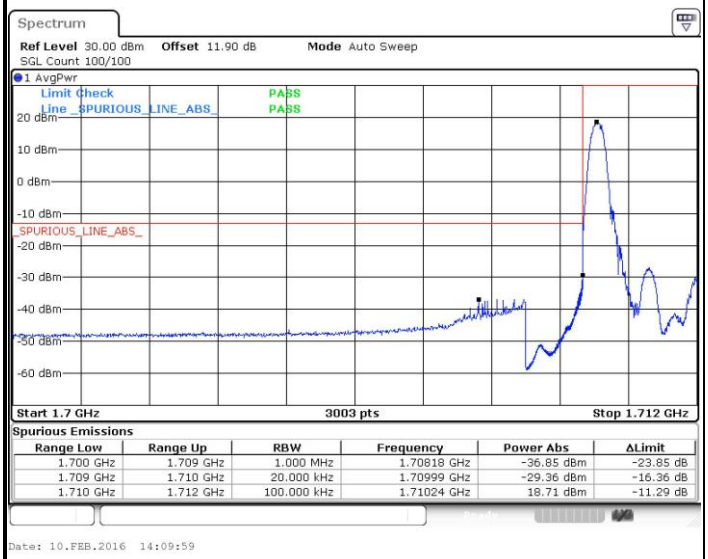


Conducted Band Edge

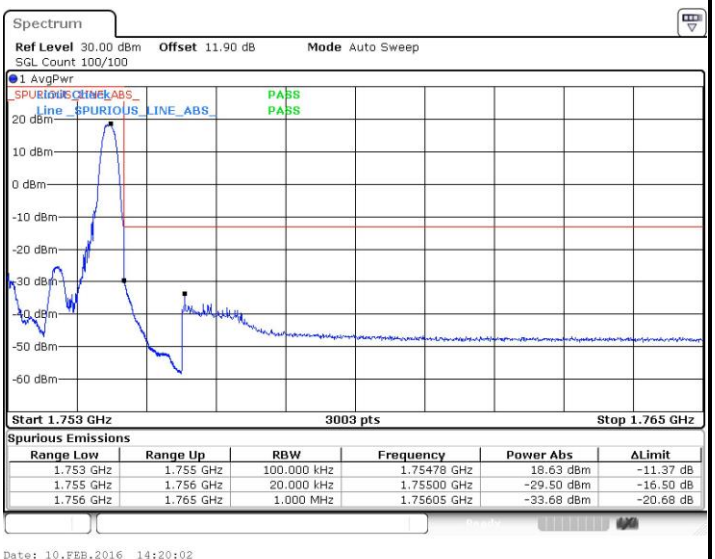
LTE Band 4 / 1.4MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 1.4MHz / 16QAM

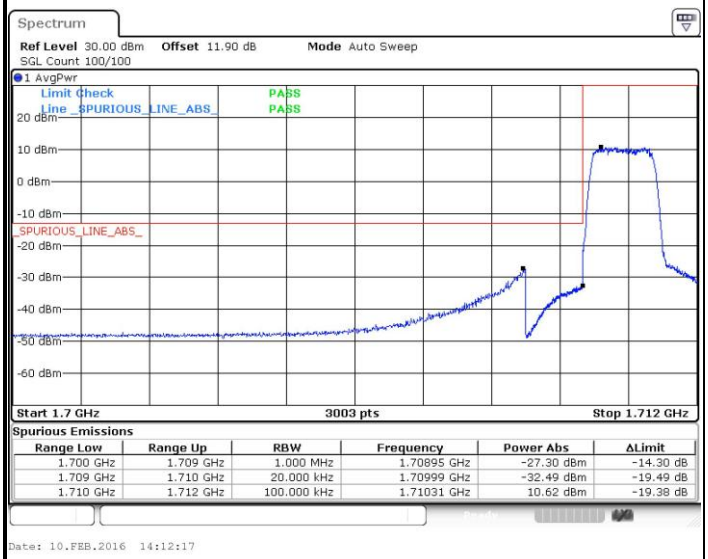
Lowest Band Edge / 1 RB



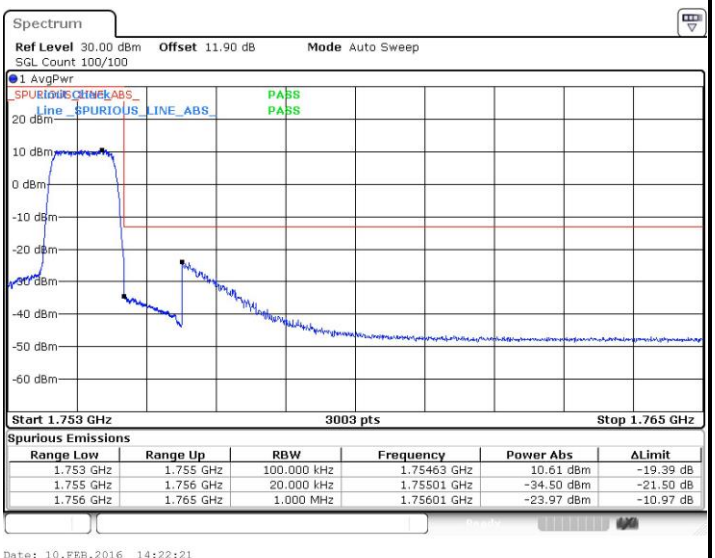
Highest Band Edge / 1 RB

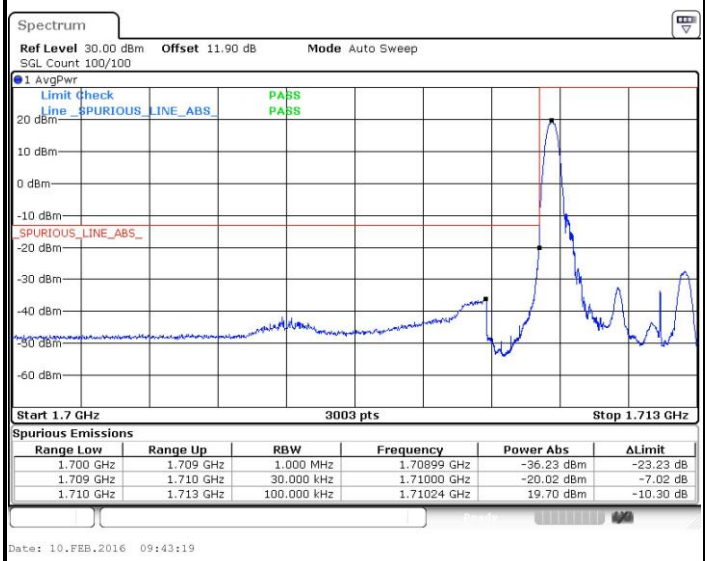
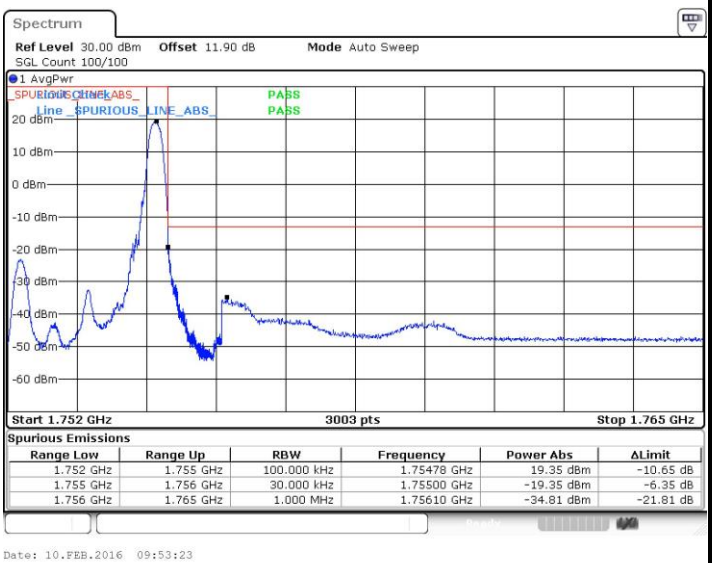
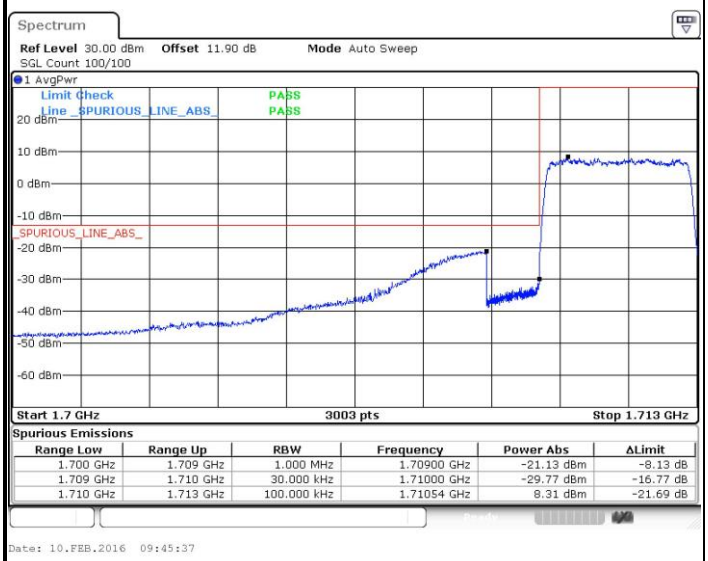
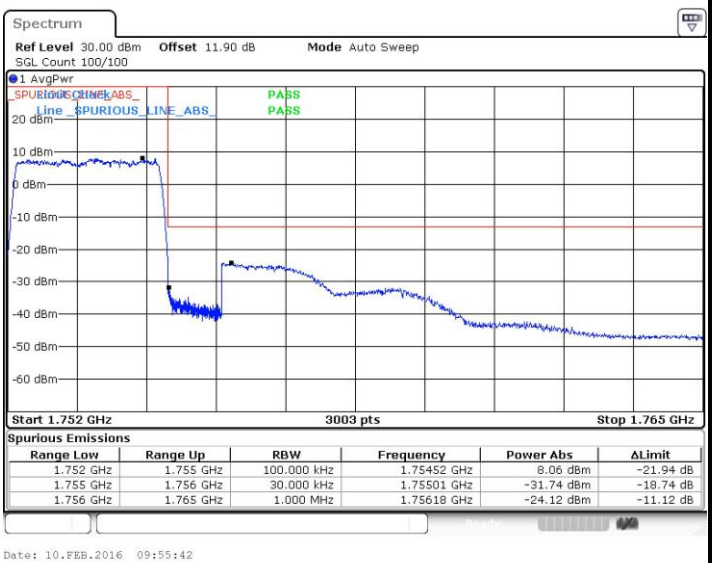


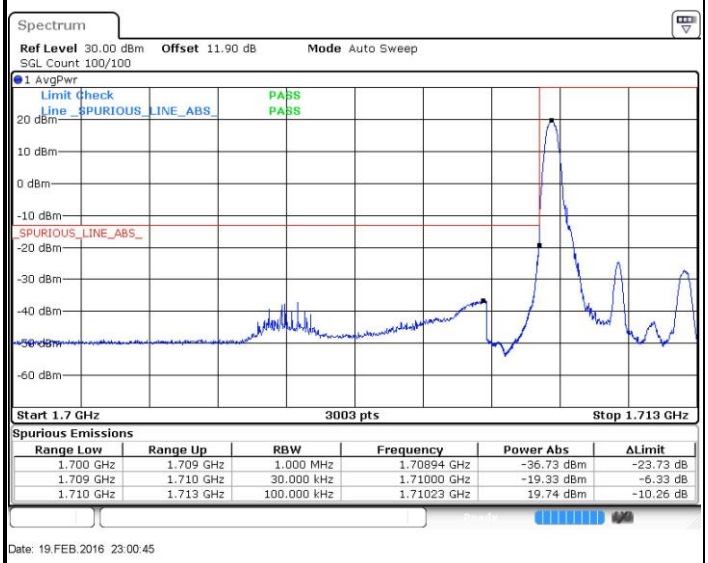
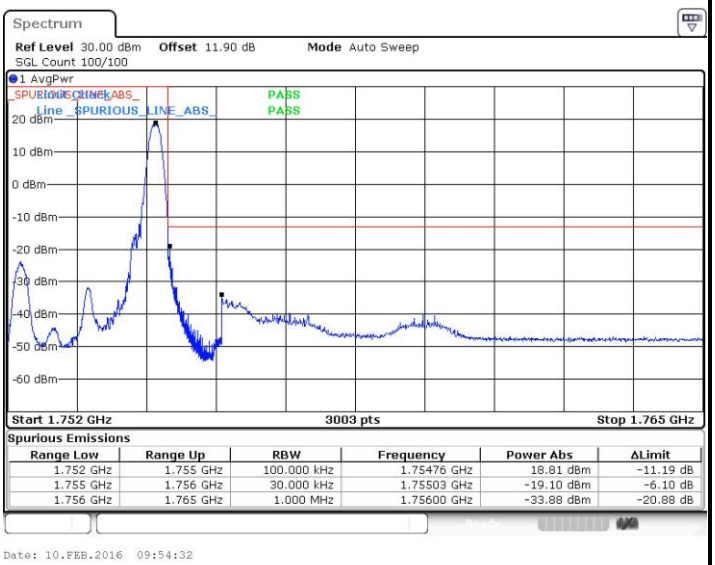
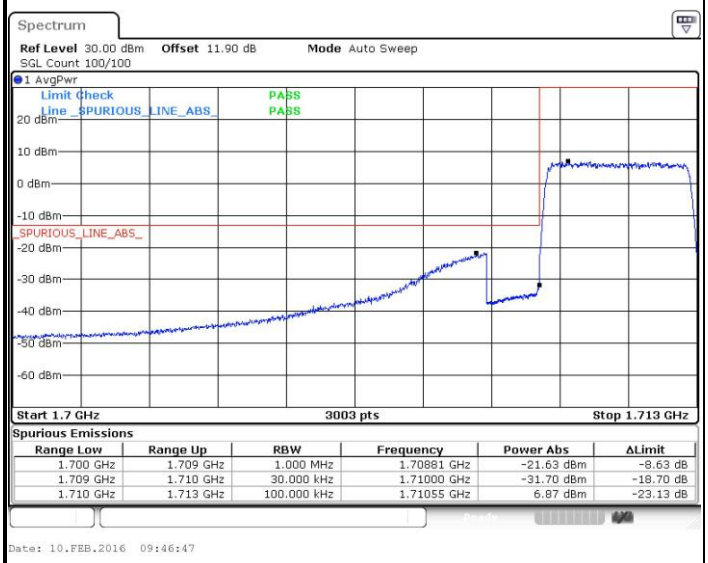
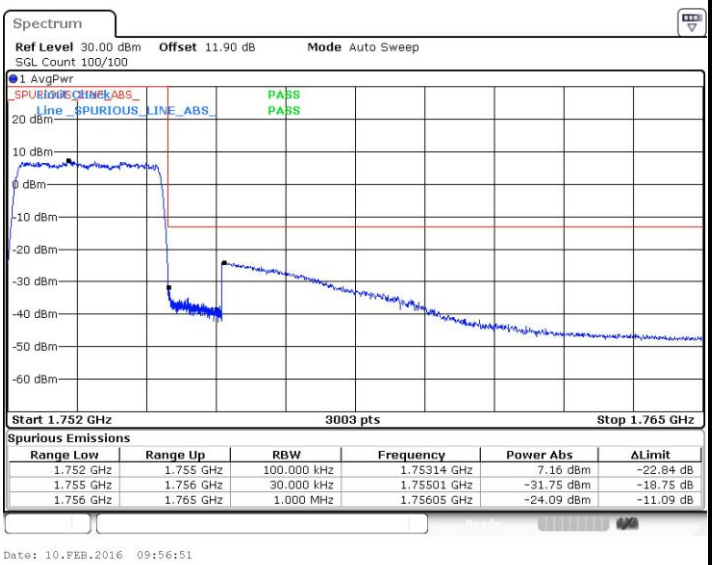
Lowest Band Edge / Full RB

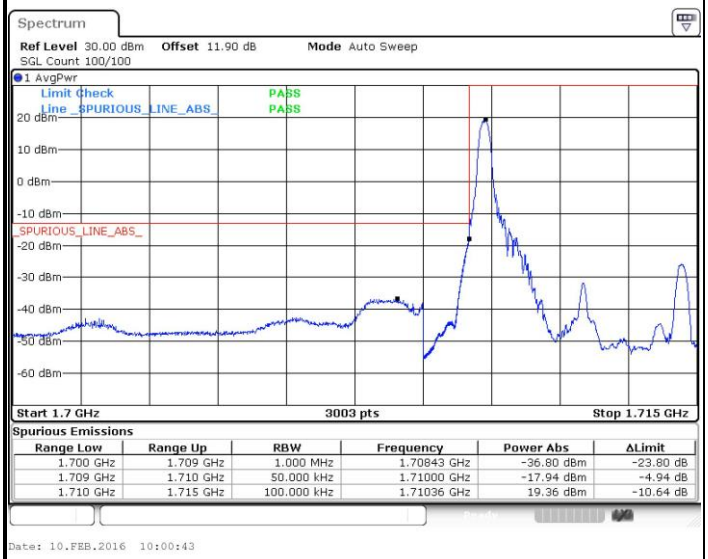
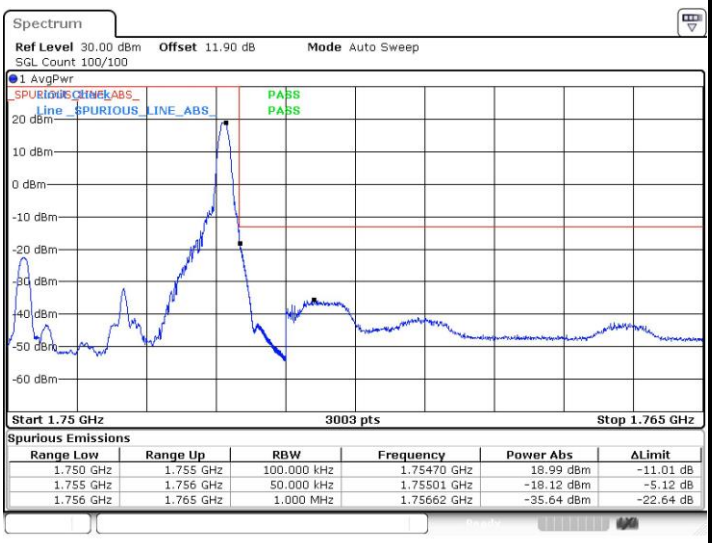
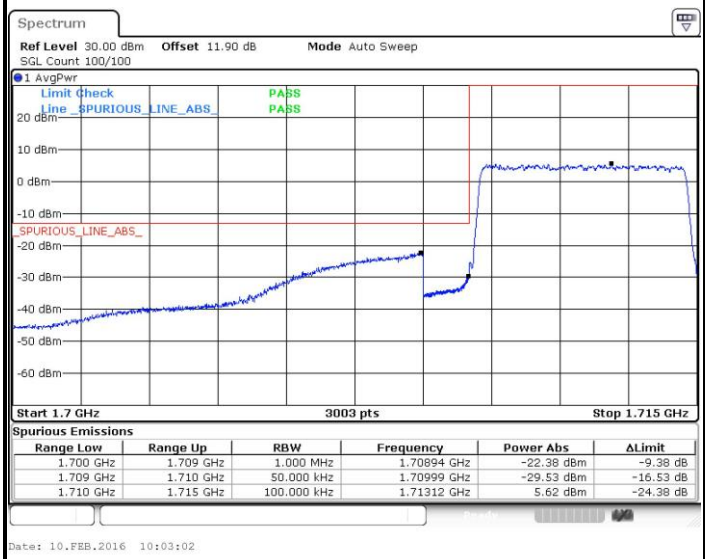
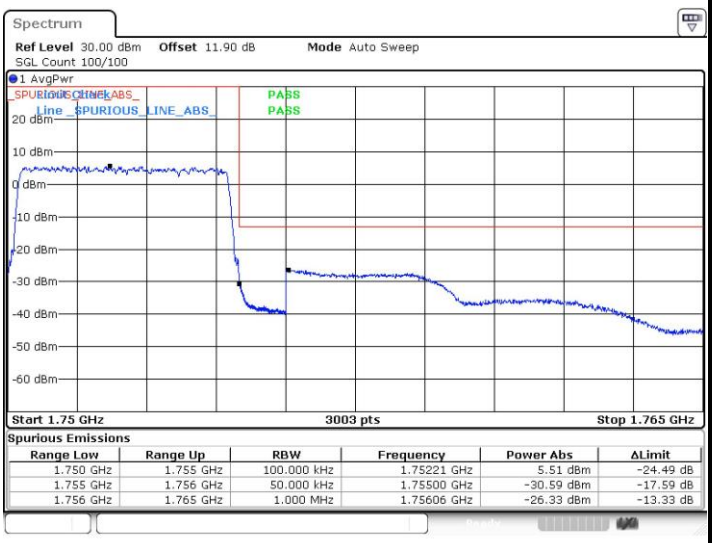


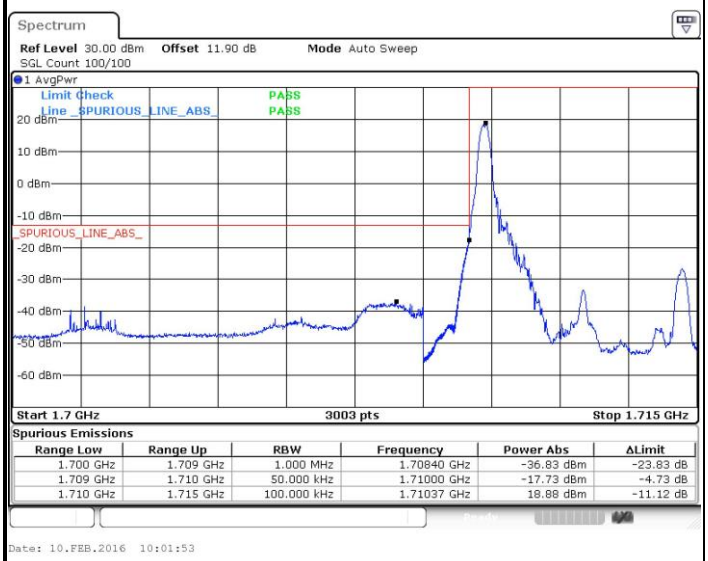
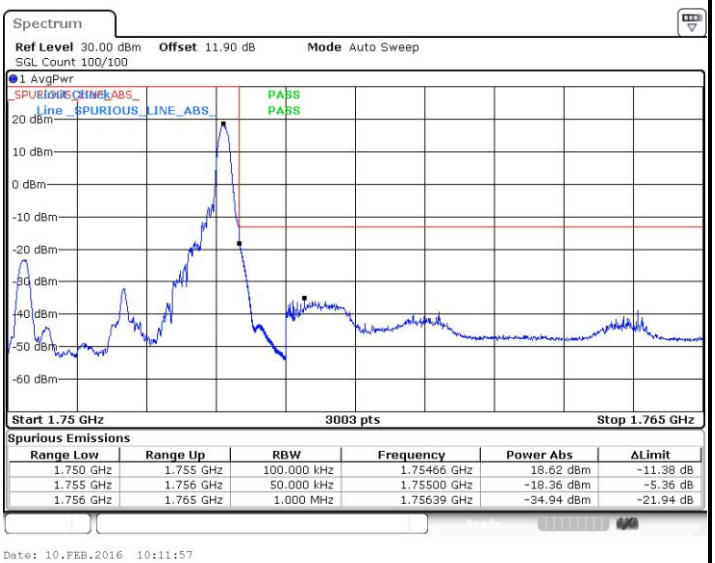
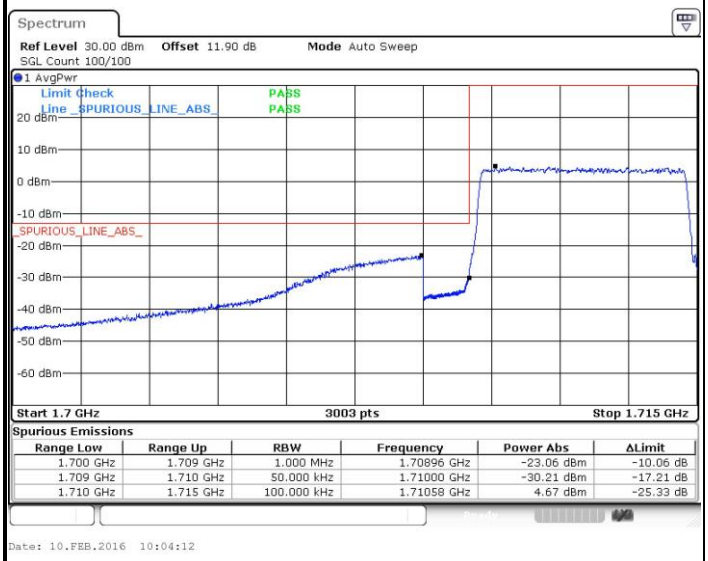
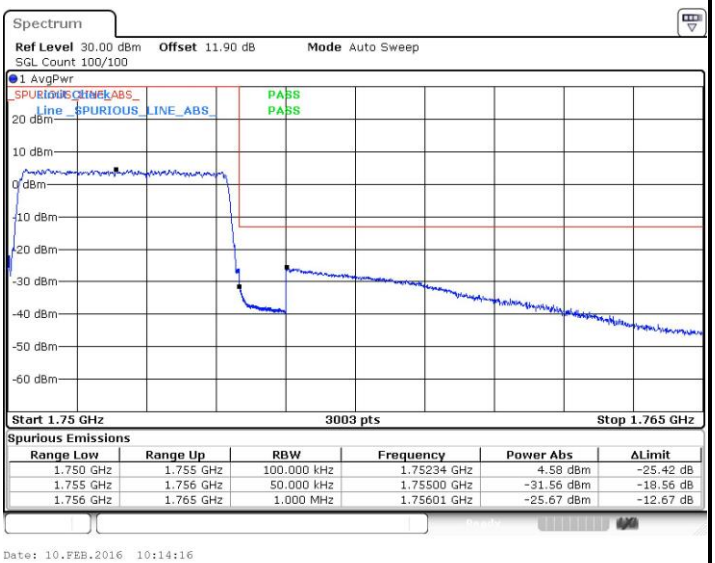
Highest Band Edge / Full RB

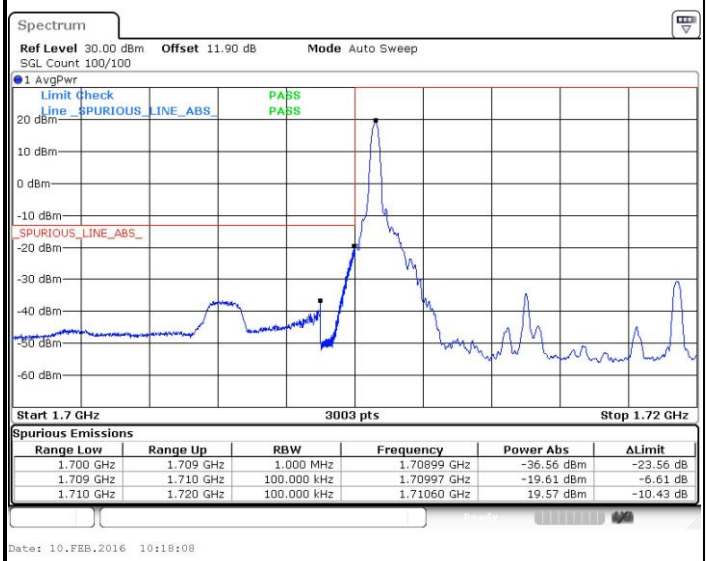
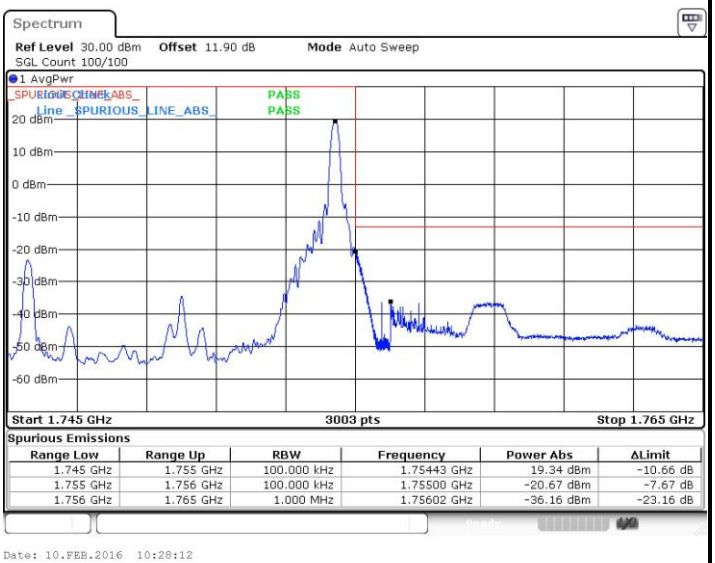
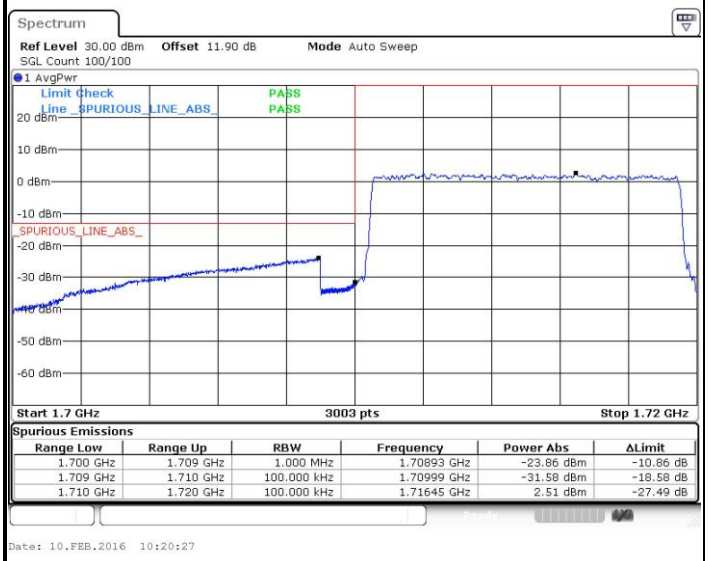
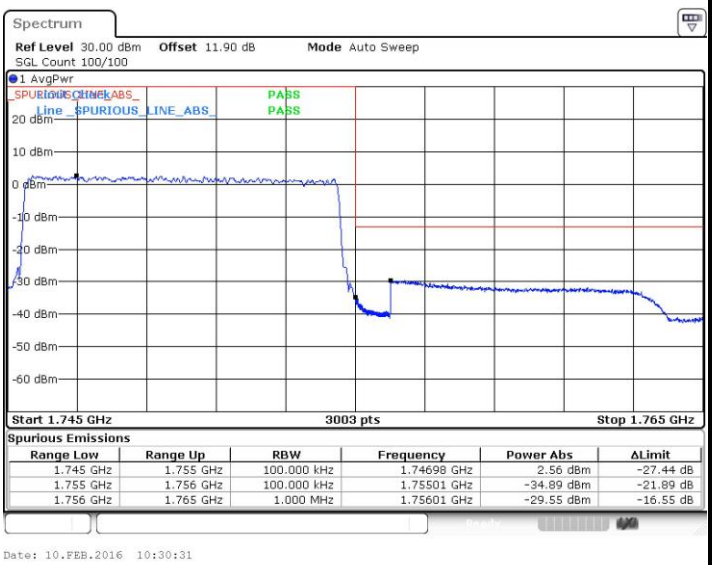


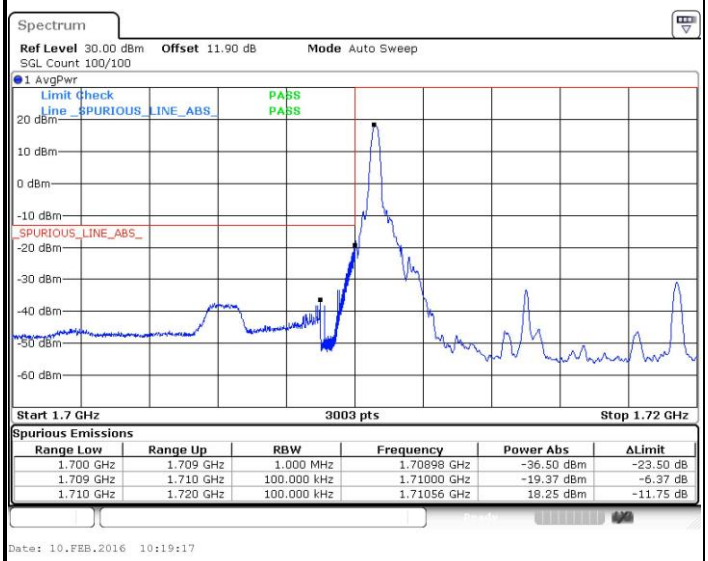
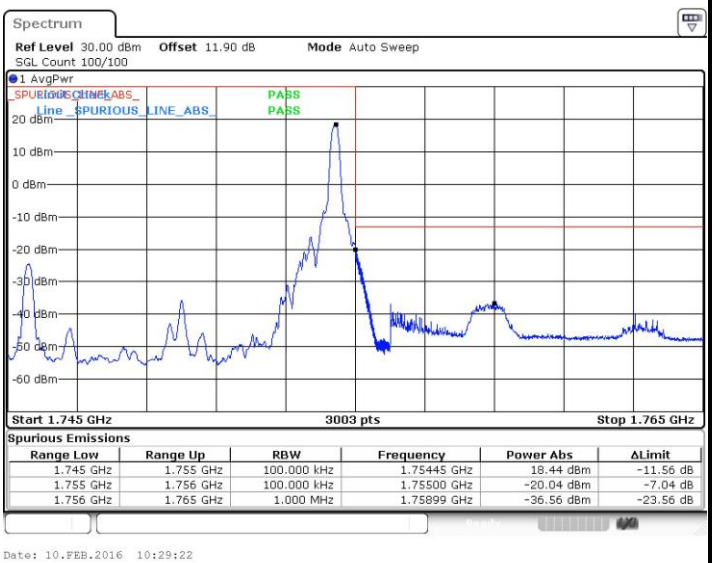
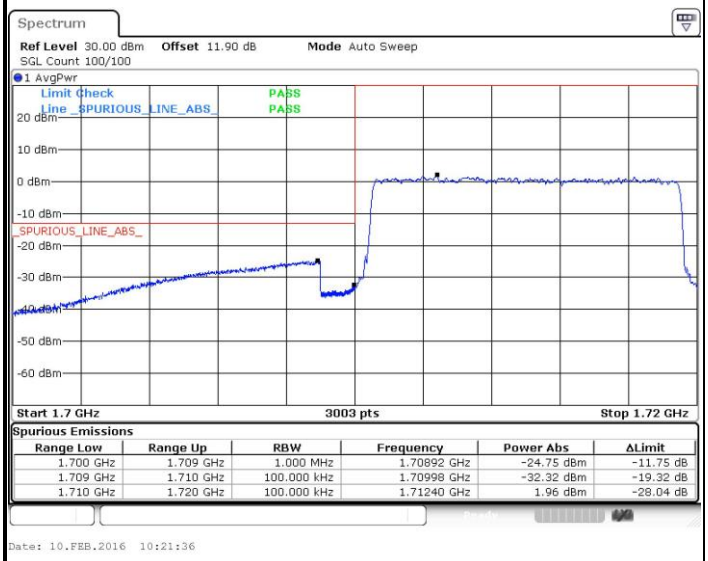
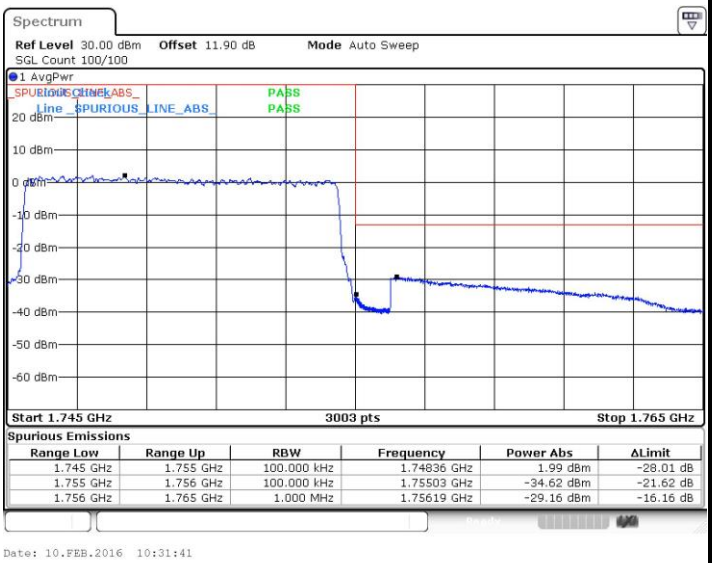
LTE Band 4 / 3MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

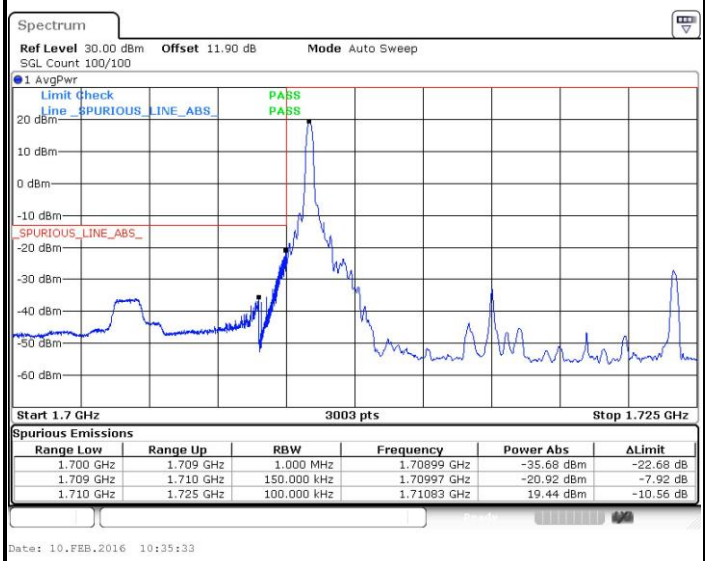
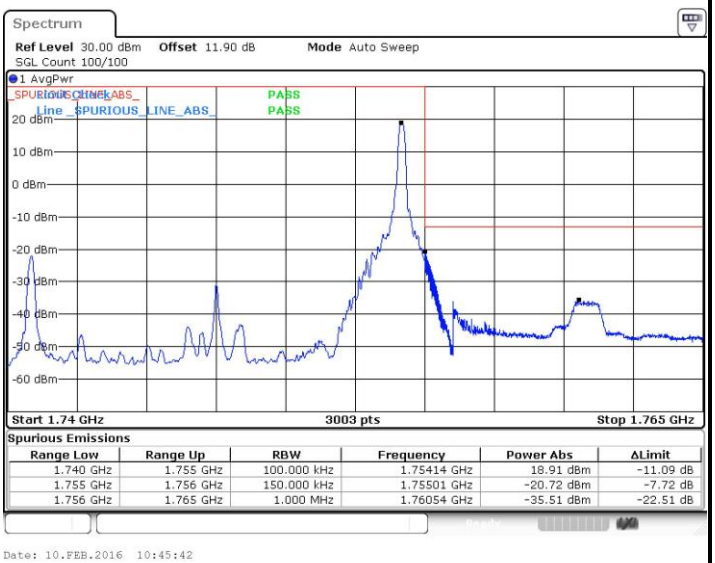
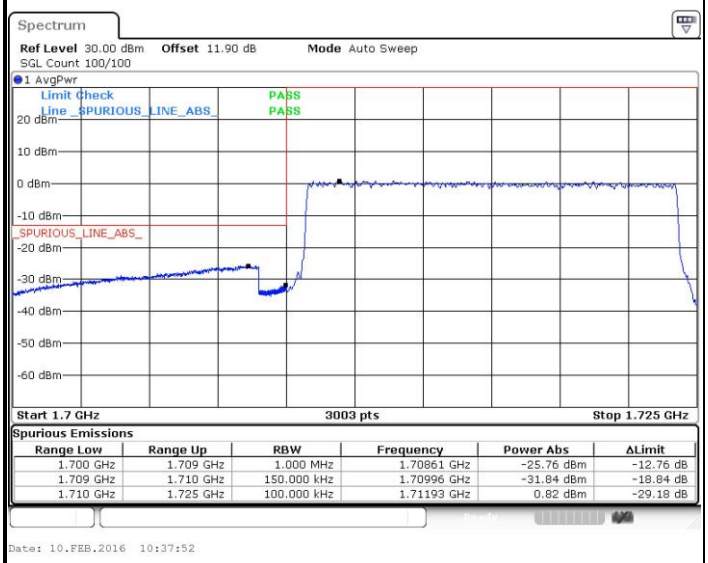
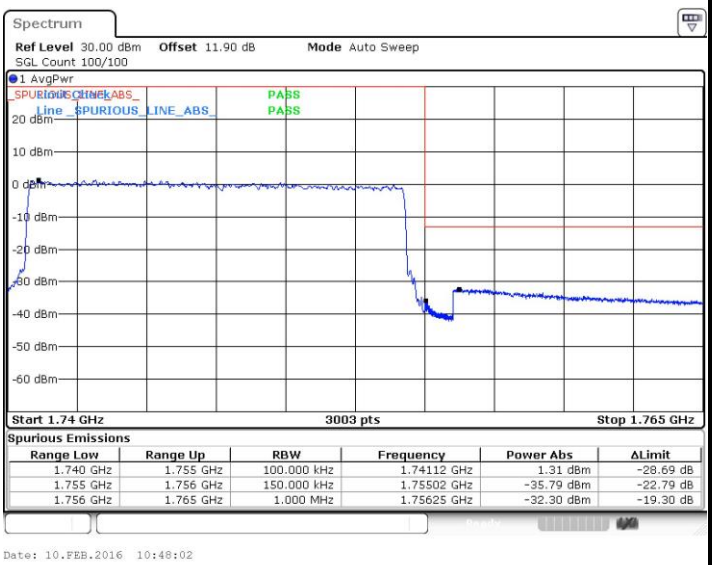
LTE Band 4 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge /1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

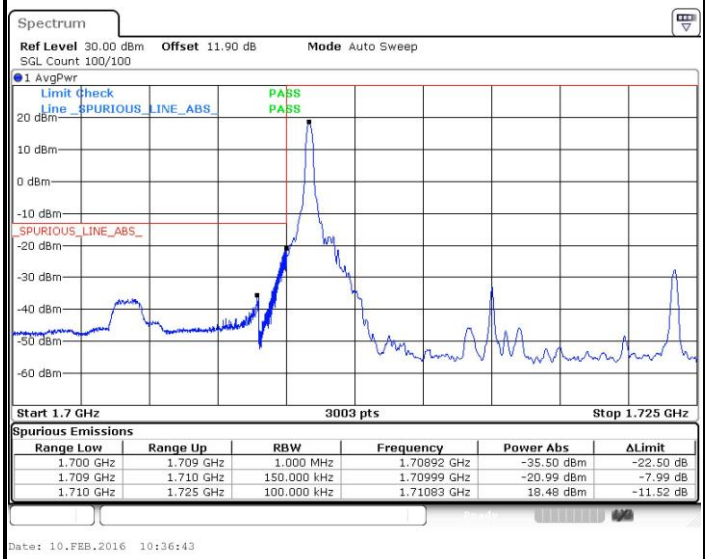
LTE Band 4 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

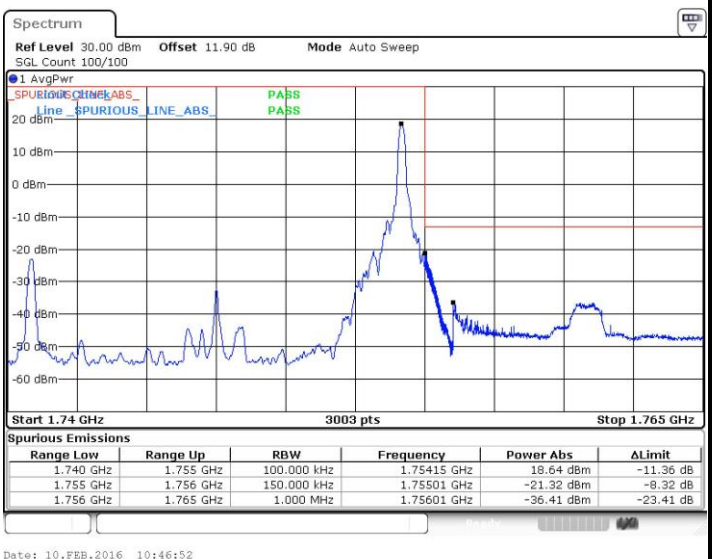
LTE Band 4 / 15MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 15MHz / 16QAM

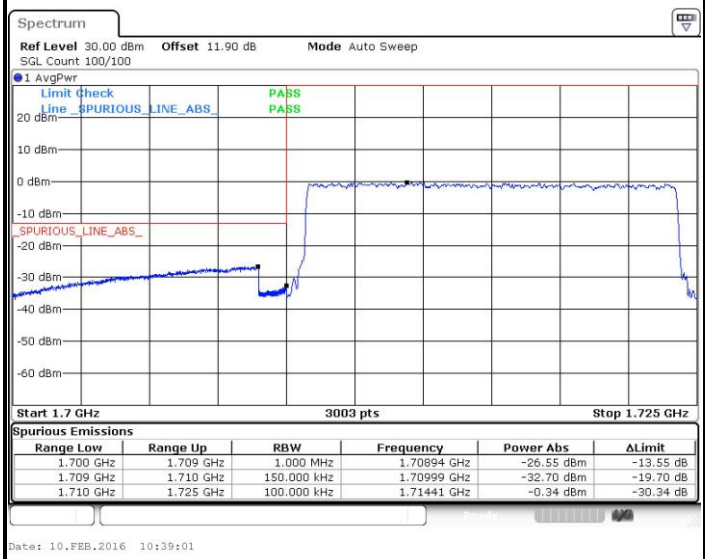
Lowest Band Edge / 1 RB



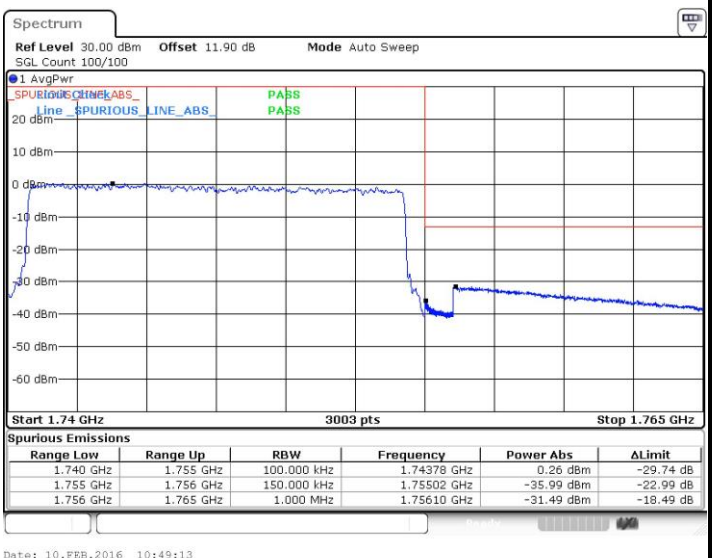
Highest Band Edge / 1 RB

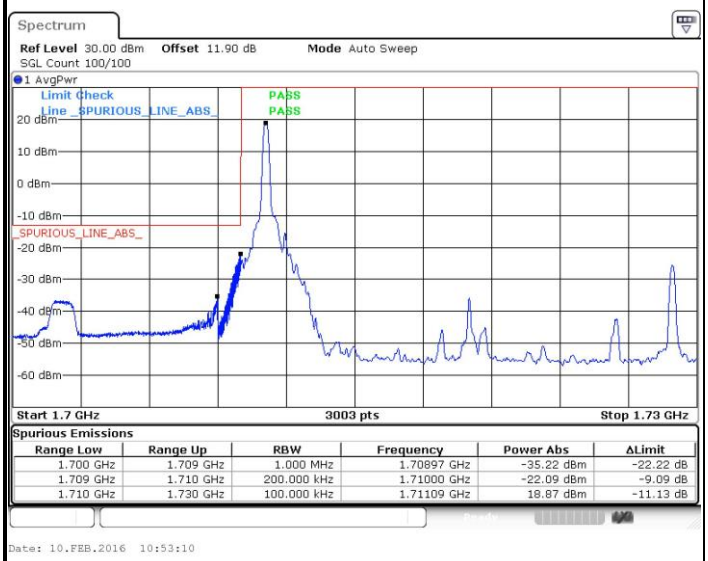
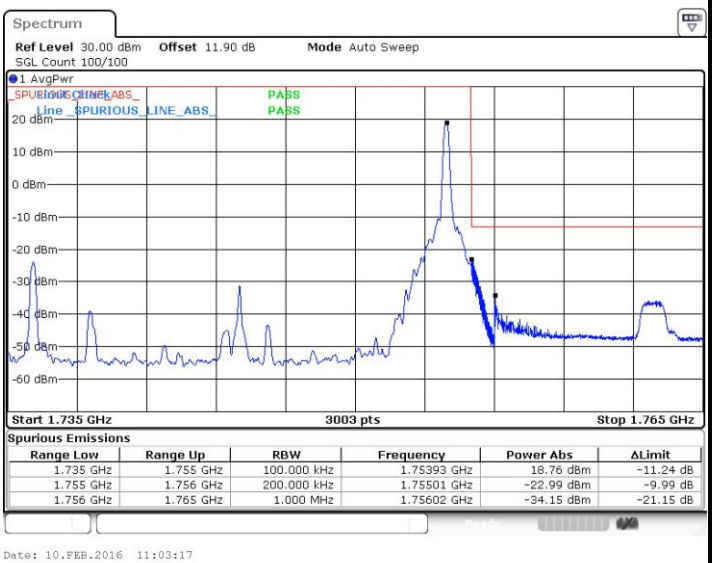
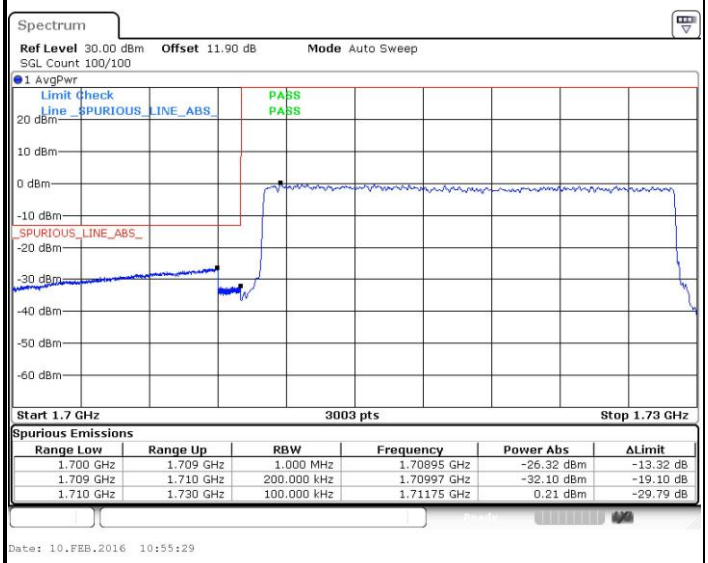
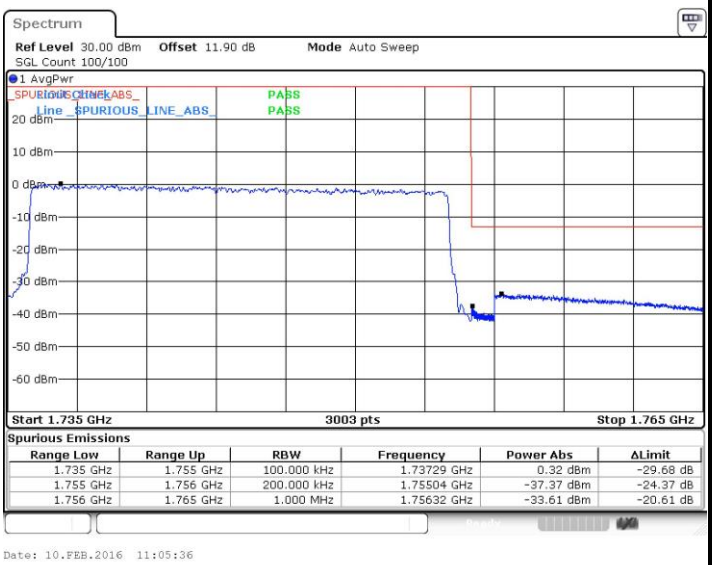


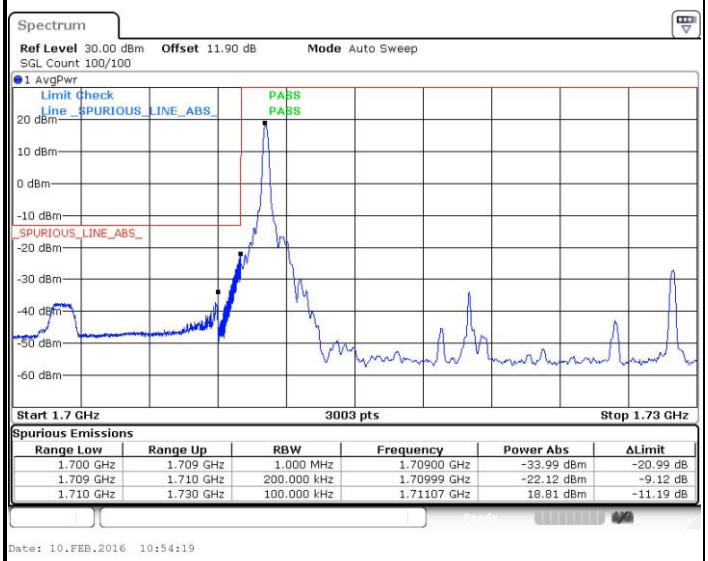
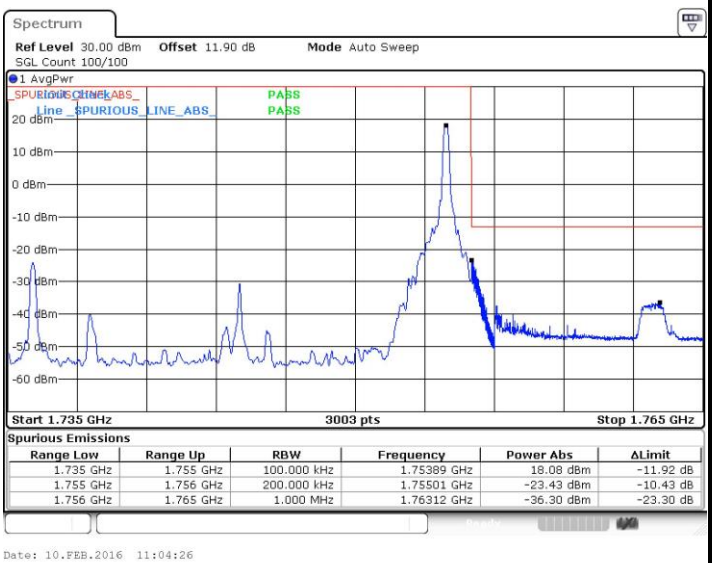
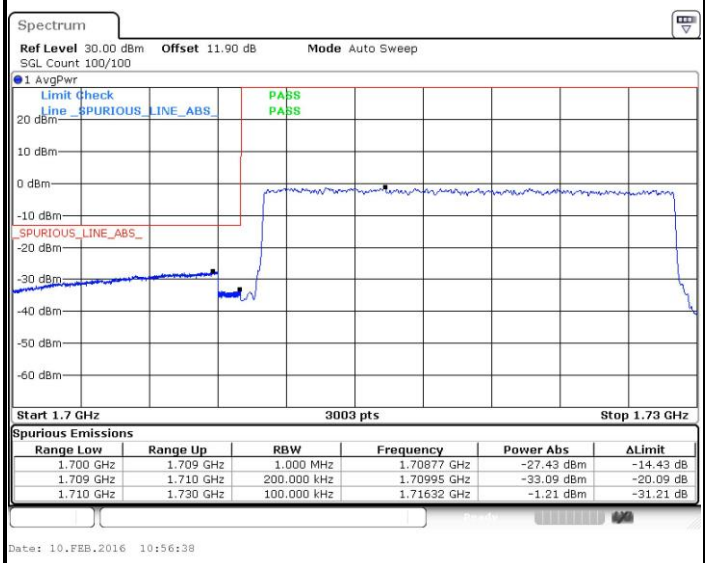
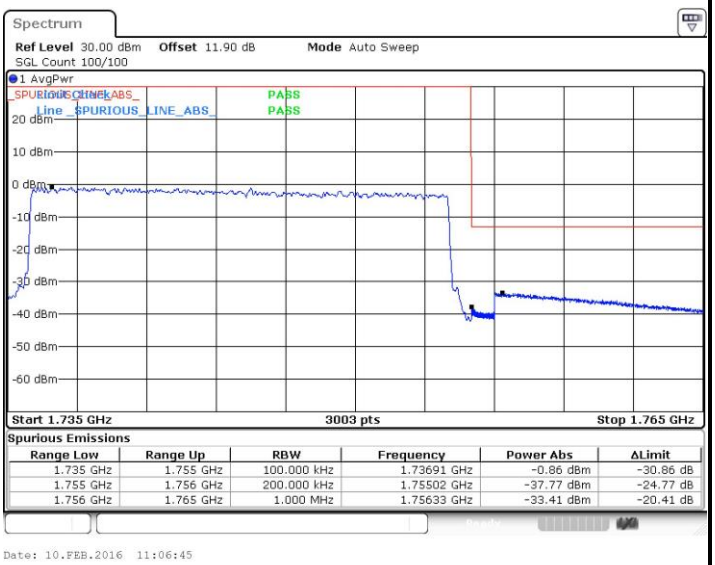
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



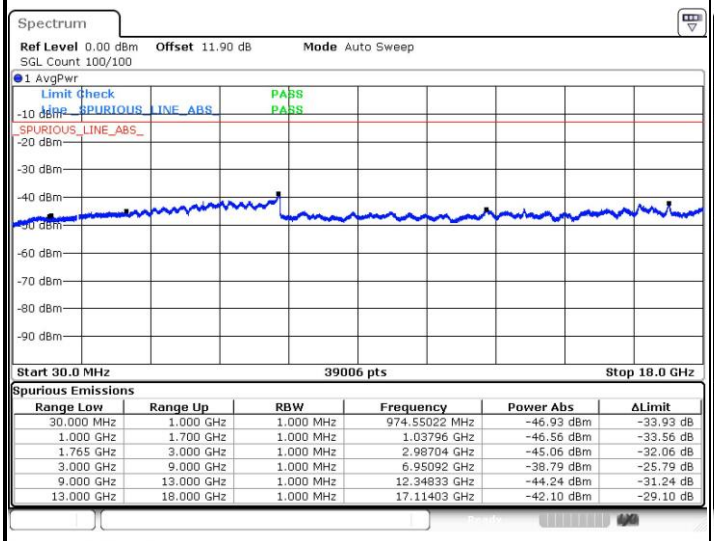
LTE Band 4 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 4 / 20MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

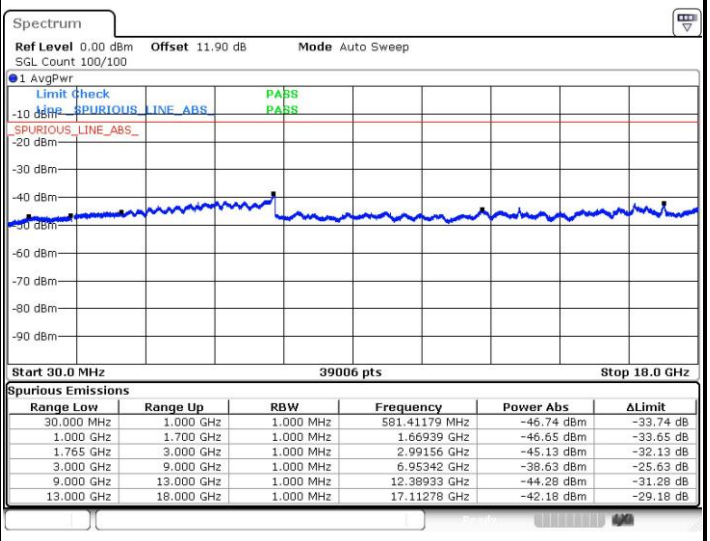


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-46.93 dBm	-33.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03796 GHz	-46.56 dBm	-33.56 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98704 GHz	-45.06 dBm	-32.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95092 GHz	-38.79 dBm	-25.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34833 GHz	-44.24 dBm	-31.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11403 GHz	-42.10 dBm	-29.10 dB

Date: 10.FEB.2016 14:13:14

Lowest Channel / 16QAM

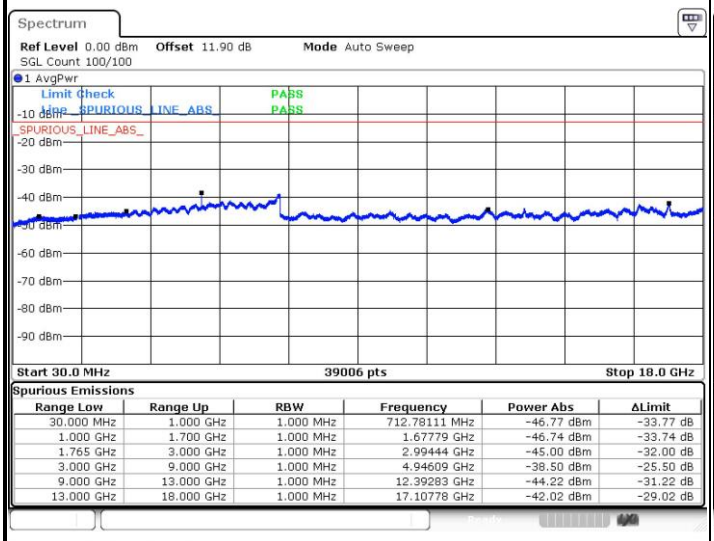


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	581.41179 MHz	-46.74 dBm	-33.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66939 GHz	-46.65 dBm	-33.65 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99156 GHz	-45.13 dBm	-32.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95342 GHz	-38.63 dBm	-25.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38933 GHz	-44.28 dBm	-31.28 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11278 GHz	-42.18 dBm	-29.18 dB

Date: 10.FEB.2016 14:14:12

Middle Channel / QPSK

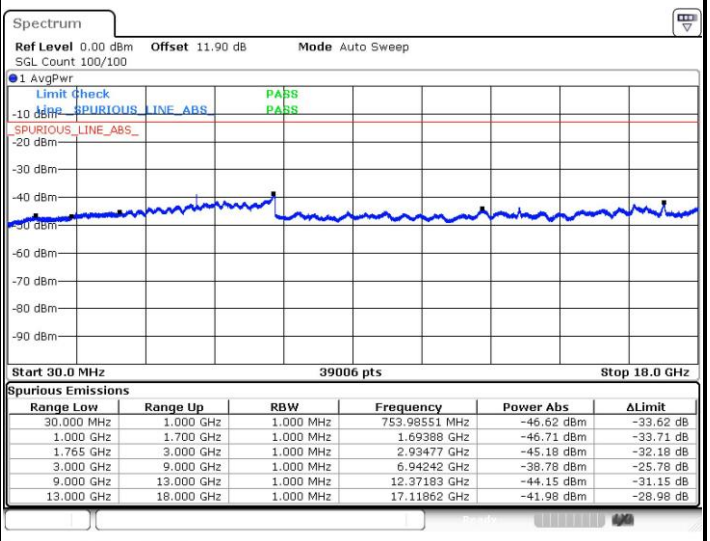


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	712.78111 MHz	-46.77 dBm	-33.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67779 GHz	-46.74 dBm	-33.74 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99444 GHz	-45.00 dBm	-32.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.94609 GHz	-38.50 dBm	-25.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39283 GHz	-44.22 dBm	-31.22 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10778 GHz	-42.02 dBm	-29.02 dB

Date: 10.FEB.2016 14:15:57

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	753.98551 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69388 GHz	-46.71 dBm	-33.71 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.93477 GHz	-45.18 dBm	-32.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94242 GHz	-38.78 dBm	-25.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37183 GHz	-44.15 dBm	-31.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11862 GHz	-41.98 dBm	-28.98 dB

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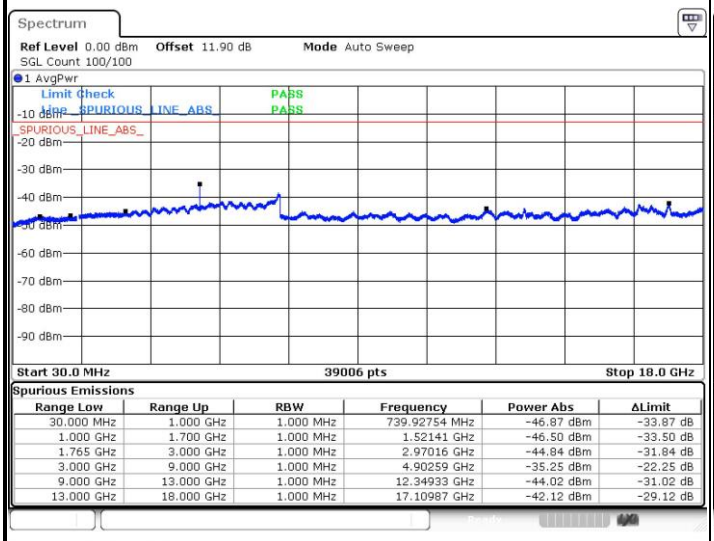
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

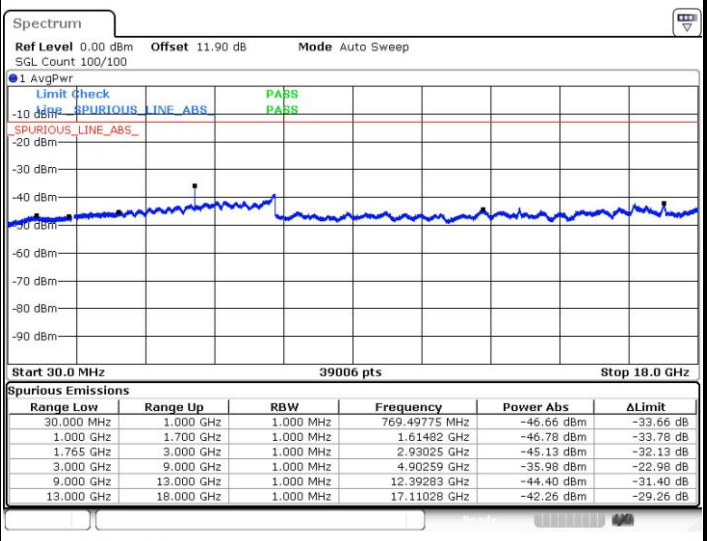


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	739.92754 MHz	-46.87 dBm	-33.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.52141 GHz	-46.50 dBm	-33.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97016 GHz	-44.84 dBm	-31.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90259 GHz	-35.25 dBm	-22.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34933 GHz	-44.02 dBm	-31.02 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.10987 GHz	-42.12 dBm	-29.12 dB

Date: 10.FEB.2016 14:23:18

Highest Channel / 16QAM



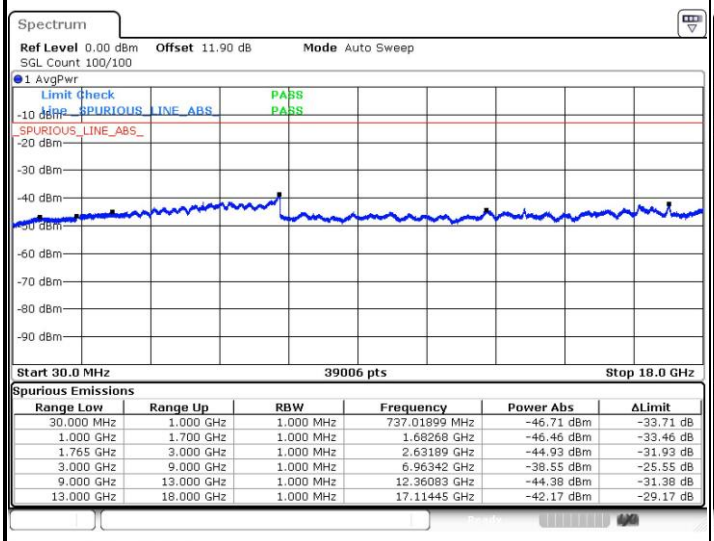
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	769.49775 MHz	-46.66 dBm	-33.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61482 GHz	-46.78 dBm	-33.78 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.93025 GHz	-45.13 dBm	-32.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	4.90259 GHz	-35.98 dBm	-22.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39283 GHz	-44.40 dBm	-31.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11028 GHz	-42.26 dBm	-29.26 dB

Date: 10.FEB.2016 14:24:16

LTE Band 4 / 3MHz

Lowest Channel / QPSK

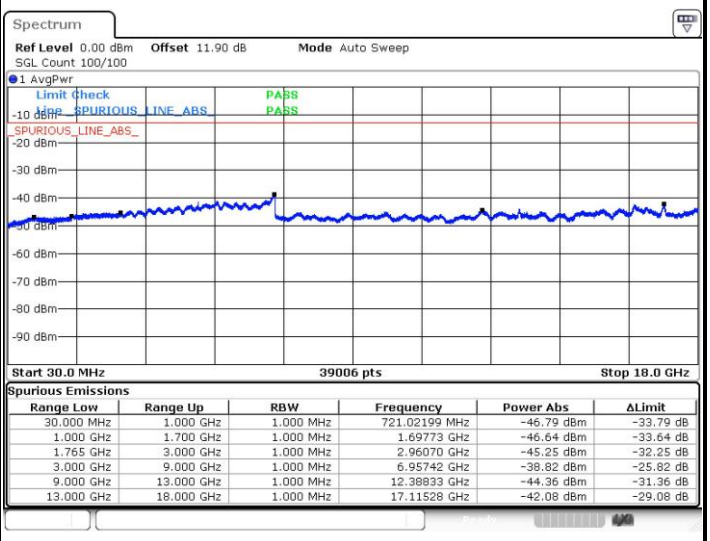


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	737.01899 MHz	-46.71 dBm	-33.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-46.46 dBm	-33.46 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63189 GHz	-44.93 dBm	-31.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96342 GHz	-38.55 dBm	-25.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.36083 GHz	-44.38 dBm	-31.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11445 GHz	-42.17 dBm	-29.17 dB

Date: 10.FEB.2016 09:47:44

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	721.02199 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-46.64 dBm	-33.64 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96070 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95742 GHz	-38.82 dBm	-25.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38833 GHz	-44.36 dBm	-31.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.11528 GHz	-42.08 dBm	-29.08 dB

Date: 10.FEB.2016 09:48:42