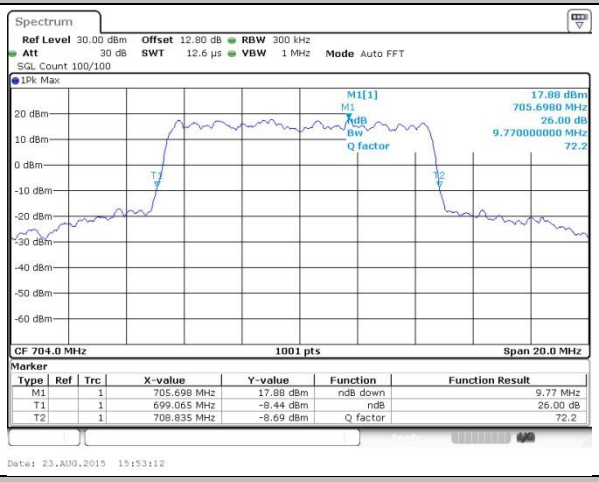
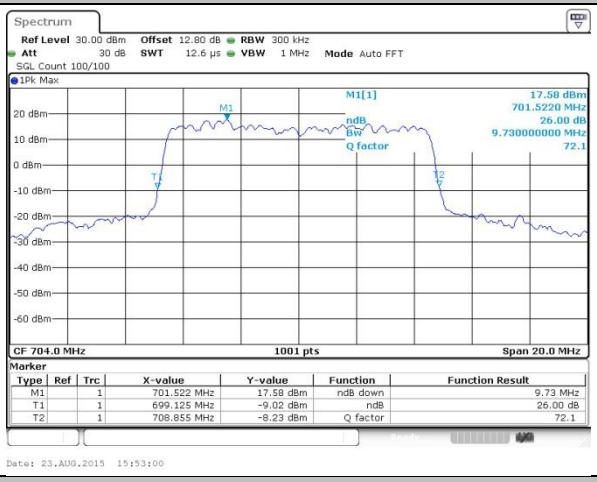
LTE Band 12

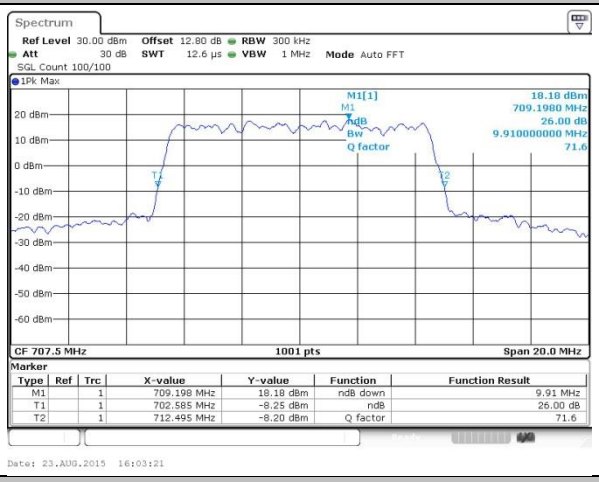
Lowest Channel / 10MHz / QPSK



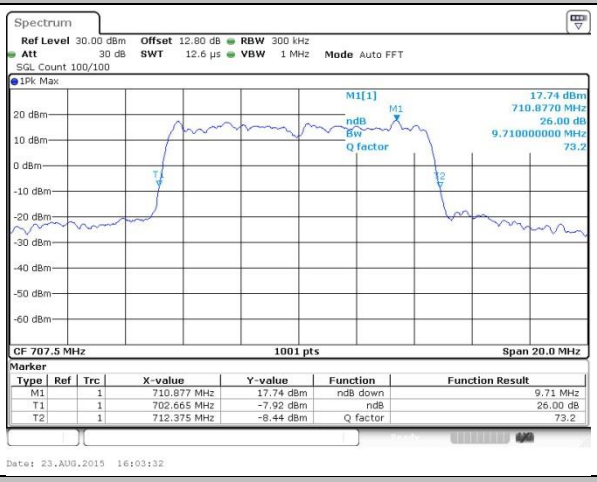
Lowest Channel / 10MHz / 16QAM



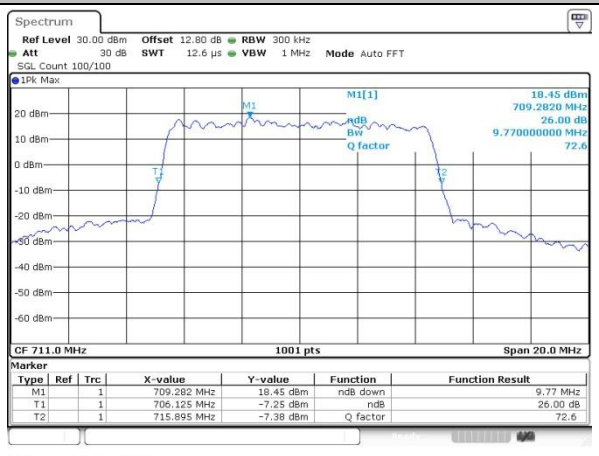
Middle Channel / 10MHz / QPSK



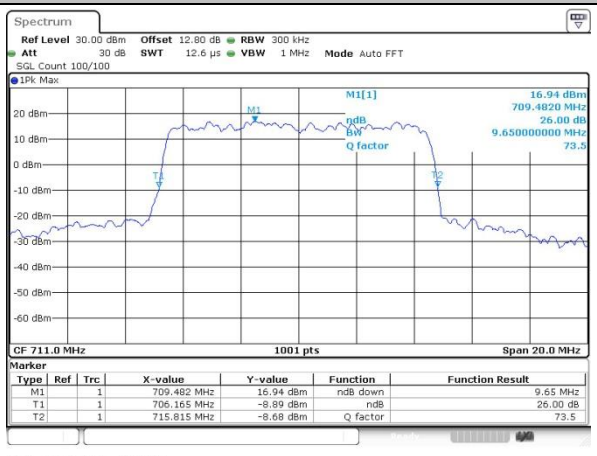
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

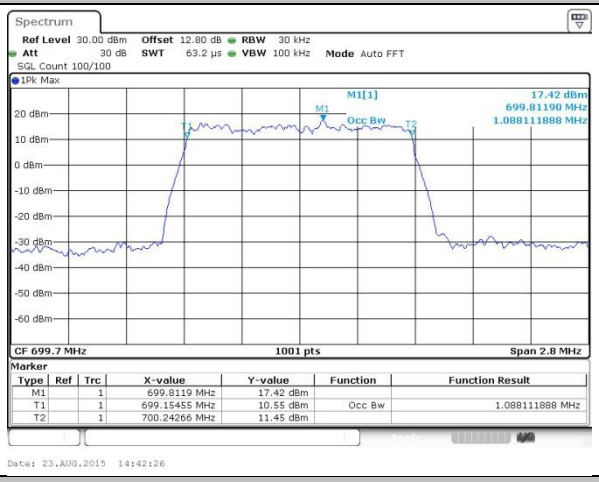


Occupied Bandwidth

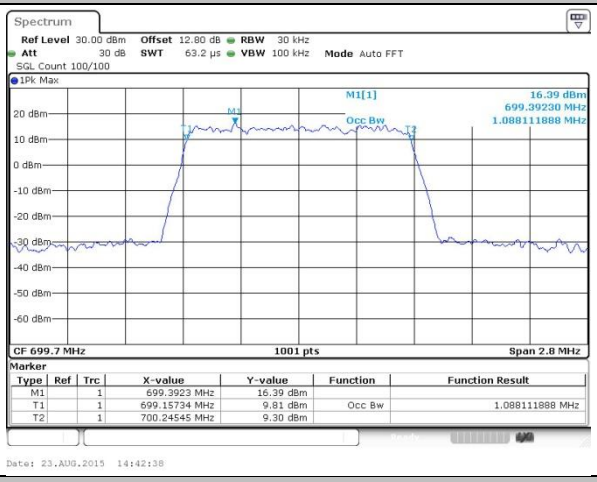
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.49	4.50	9.13	9.03	-	-	-	-
Middle CH	1.09	1.09	2.70	2.71	4.51	4.48	9.05	8.99	-	-	-	-
Highest CH	1.08	1.09	2.74	2.73	4.49	4.48	8.99	9.01	-	-	-	-

LTE Band 12

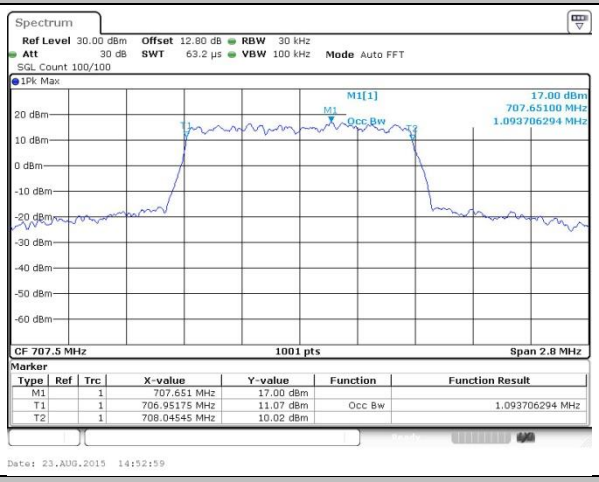
Lowest Channel / 1.4MHz / QPSK



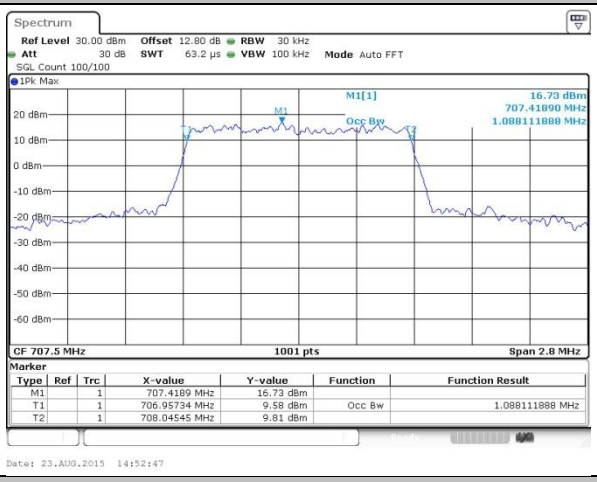
Lowest Channel / 1.4MHz / 16QAM



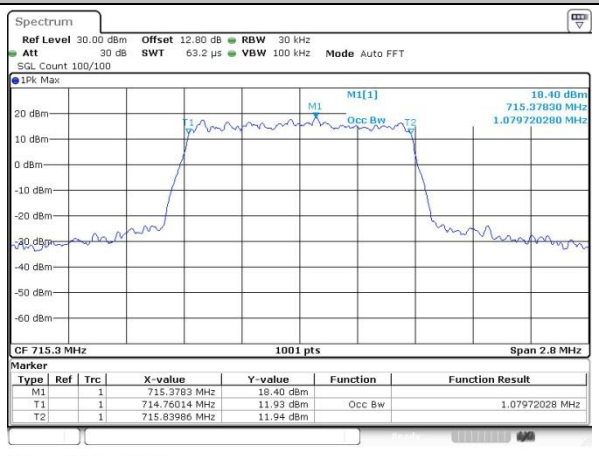
Middle Channel / 1.4MHz / QPSK



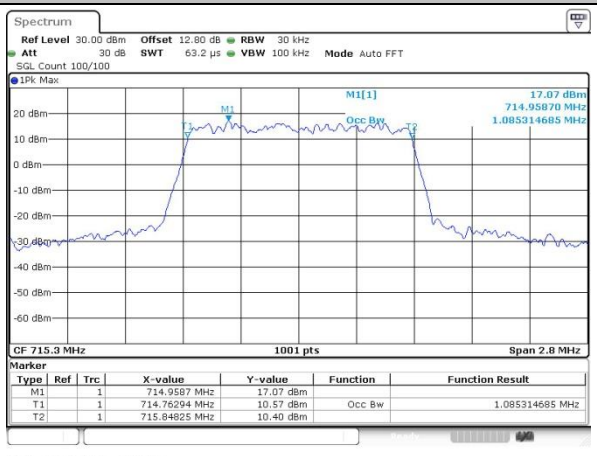
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

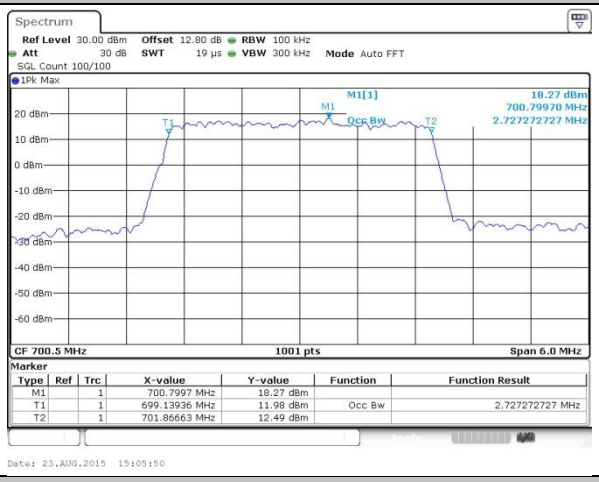


Highest Channel / 1.4MHz / 16QAM

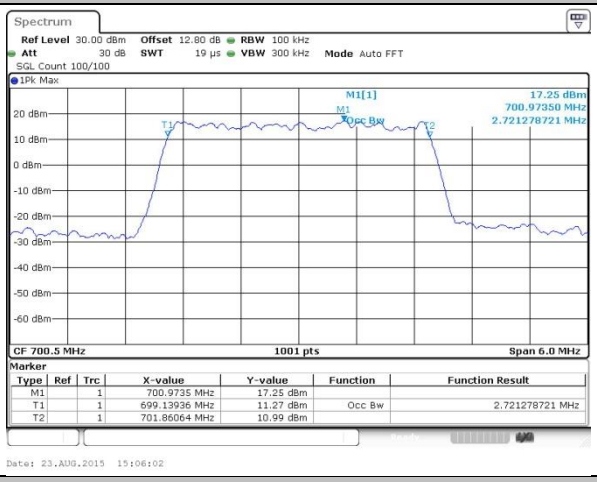


LTE Band 12

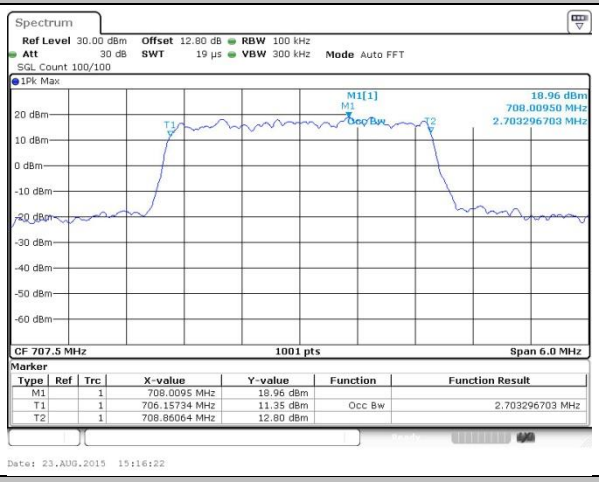
Lowest Channel / 3MHz / QPSK



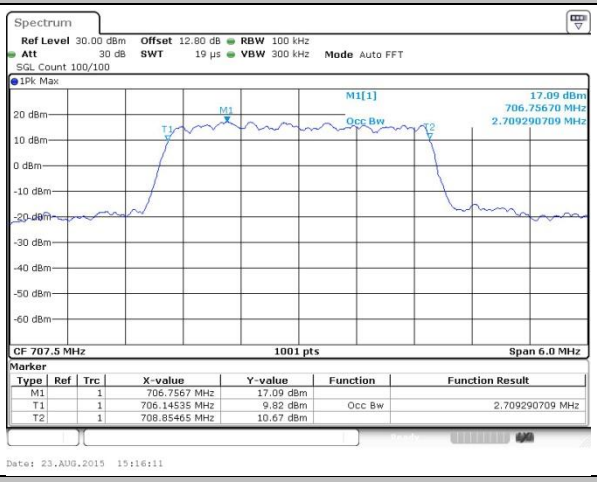
Lowest Channel / 3MHz / 16QAM



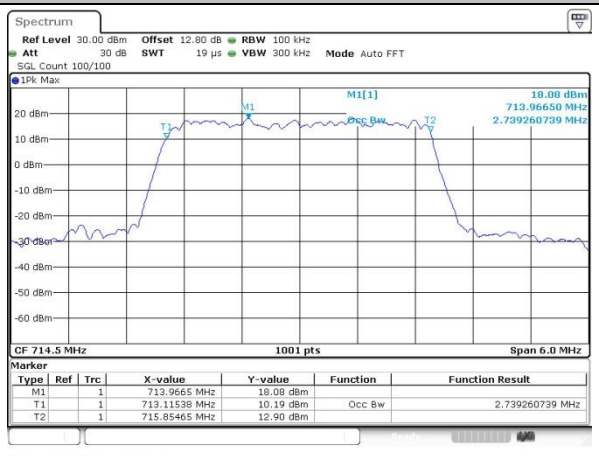
Middle Channel / 3MHz / QPSK



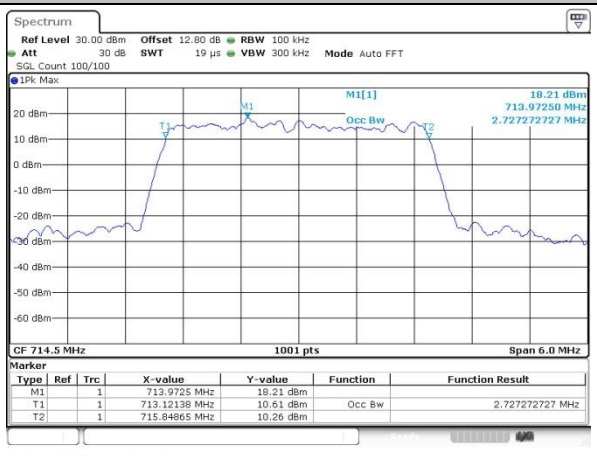
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

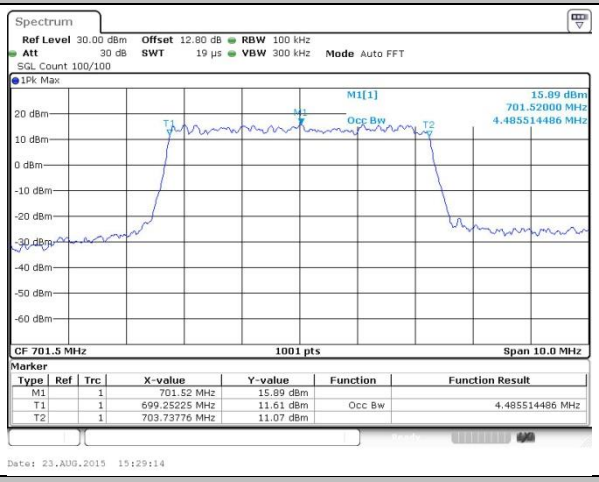


Highest Channel / 3MHz / 16QAM

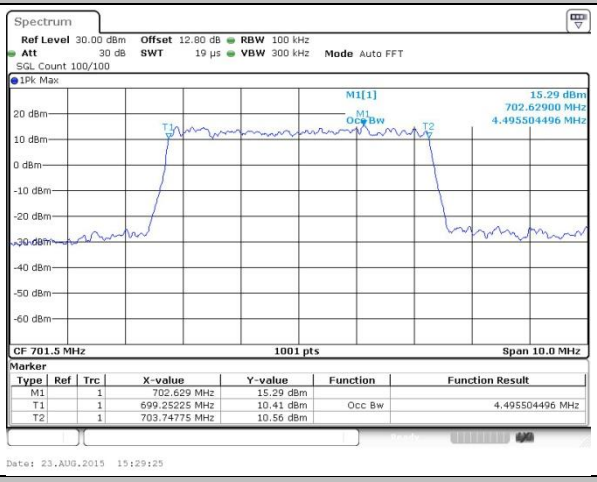


LTE Band 12

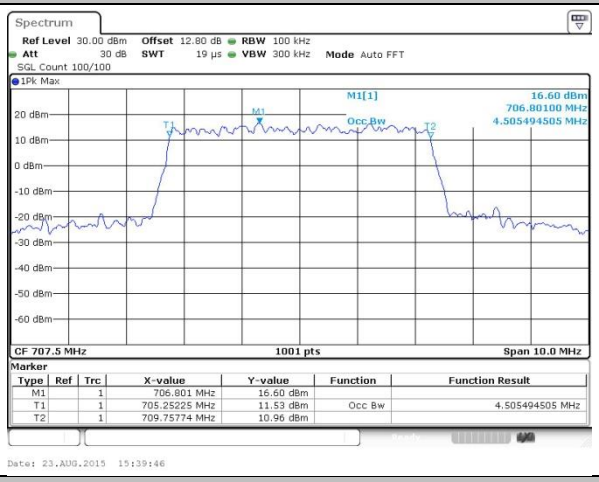
Lowest Channel / 5MHz / QPSK



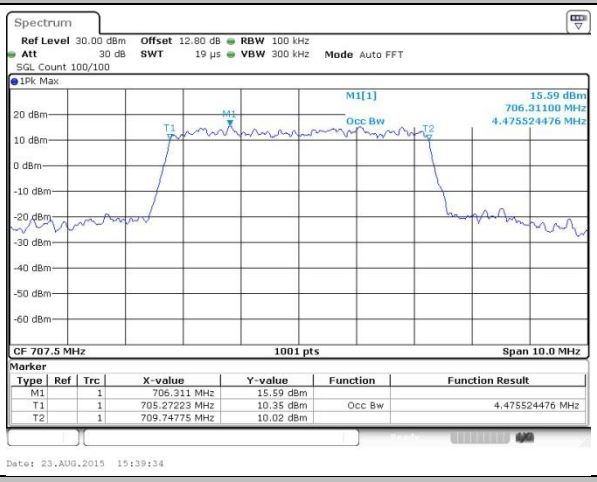
Lowest Channel / 5MHz / 16QAM



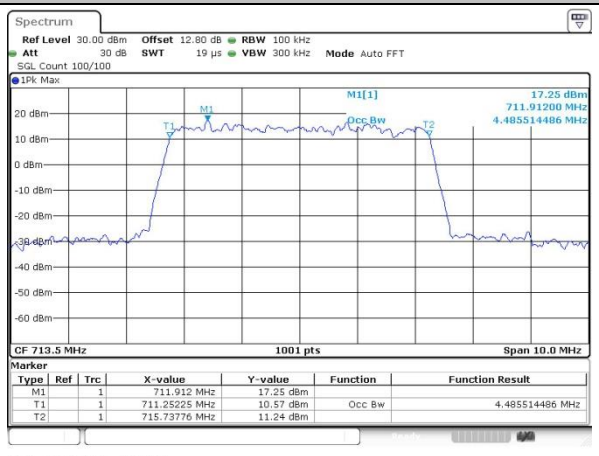
Middle Channel / 5MHz / QPSK



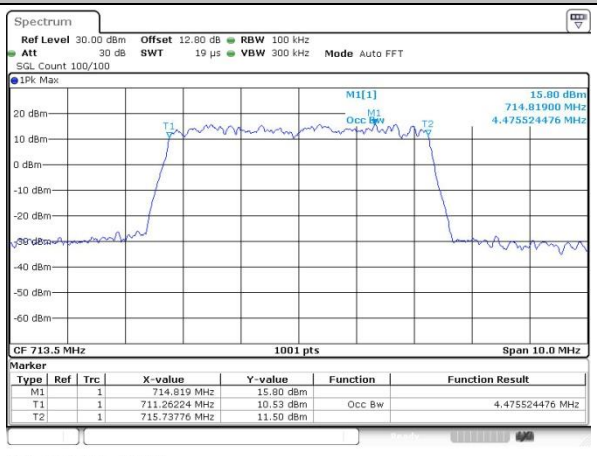
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

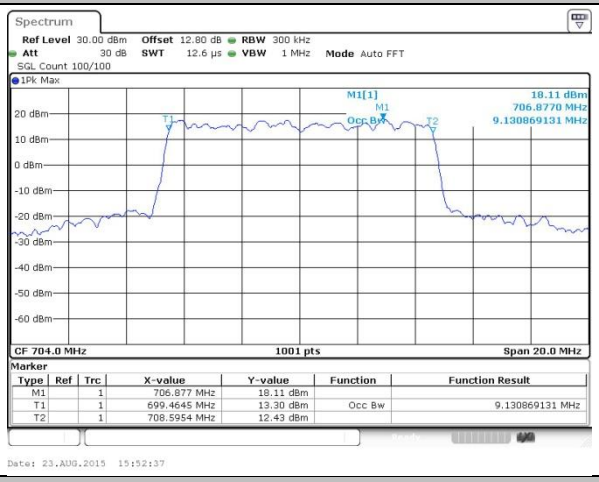


Highest Channel / 5MHz / 16QAM

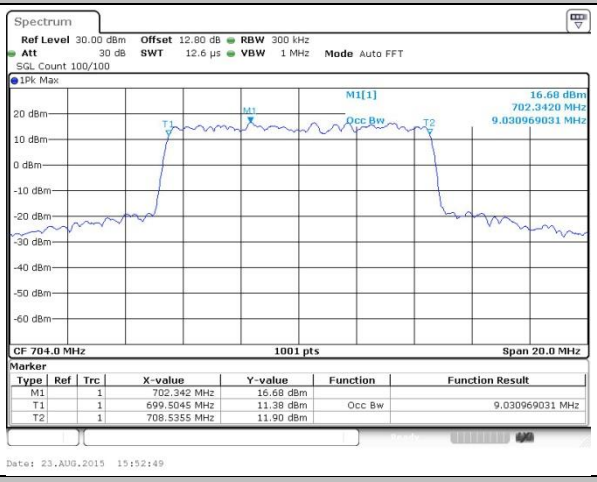


LTE Band 12

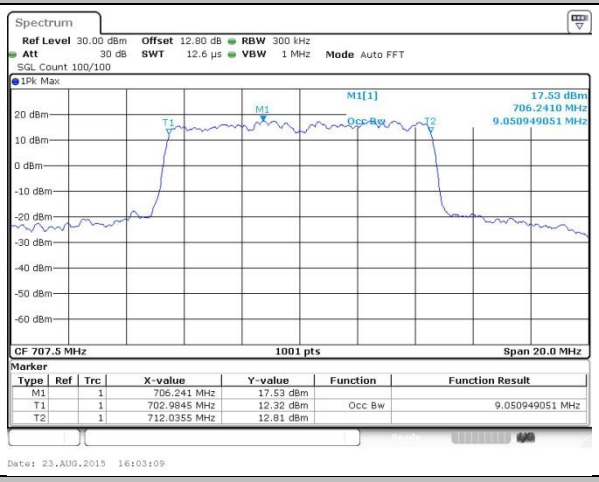
Lowest Channel / 10MHz / QPSK



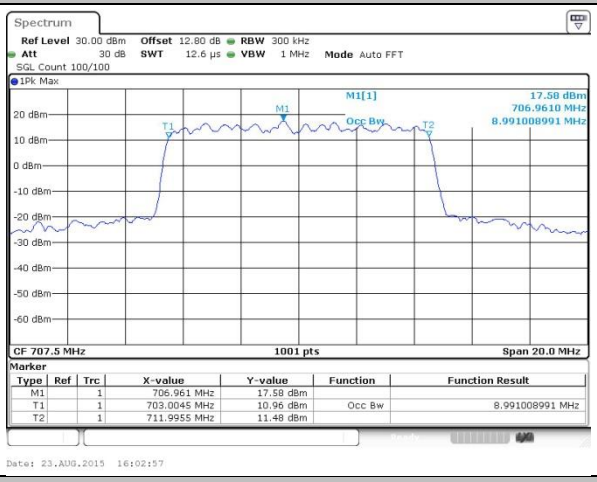
Lowest Channel / 10MHz / 16QAM



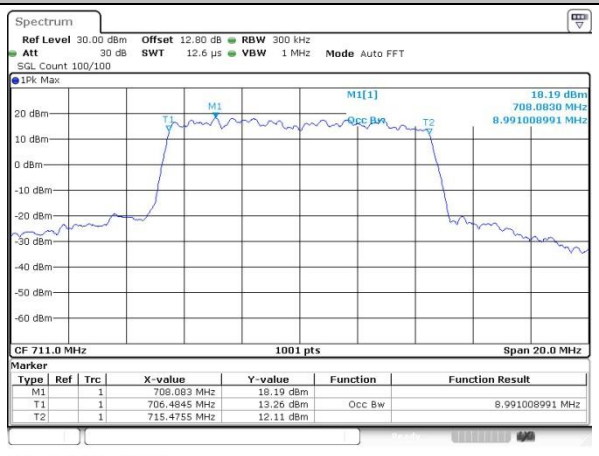
Middle Channel / 10MHz / QPSK



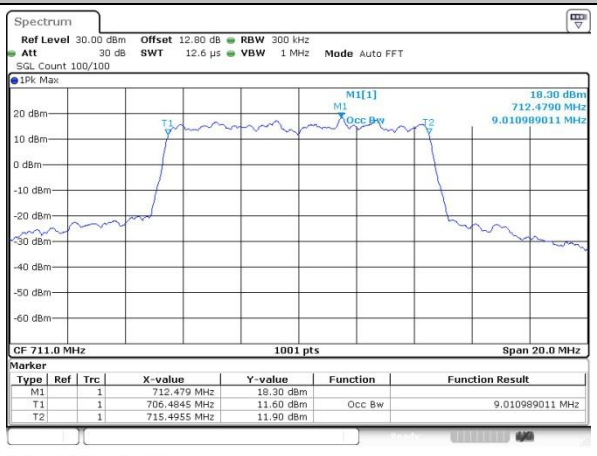
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



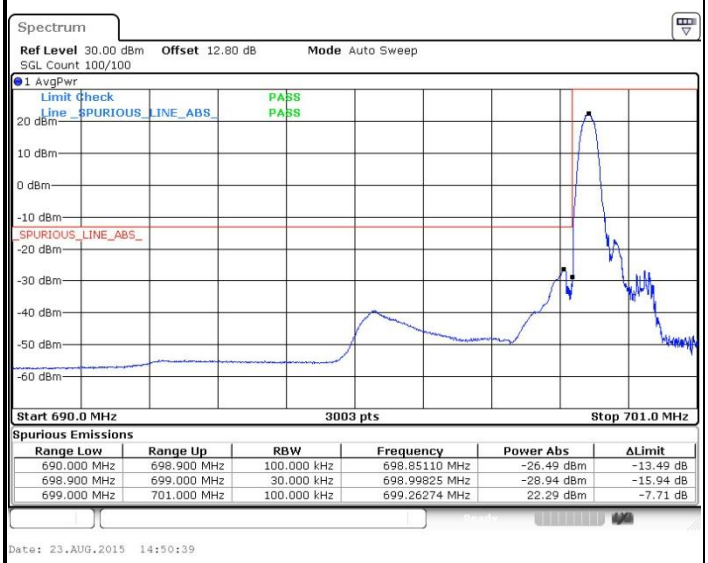
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

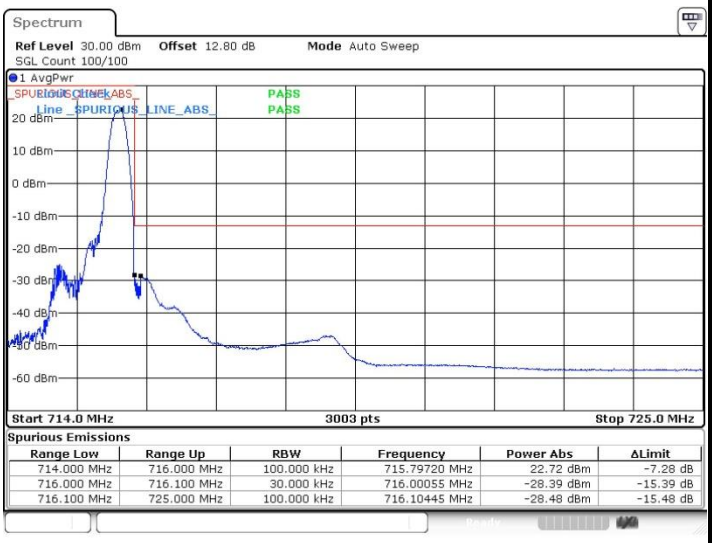


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85110 MHz	-26.49 dBm	-13.49 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99825 MHz	-28.94 dBm	-15.94 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26274 MHz	22.29 dBm	-7.71 dB

Date: 23.AUG.2015 14:50:39

Highest Band Edge / 1RB

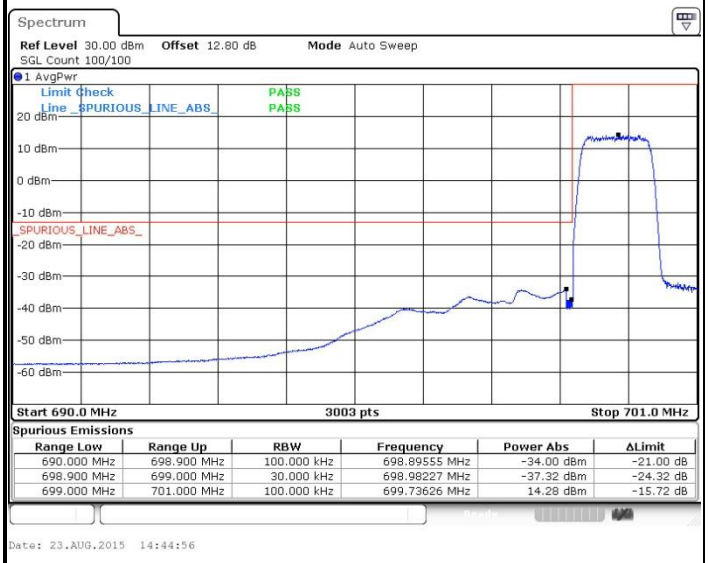


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.79720 MHz	22.72 dBm	-7.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-28.39 dBm	-15.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.48 dBm	-15.48 dB

Date: 23.AUG.2015 15:03:42

Lowest Band Edge / Full RB

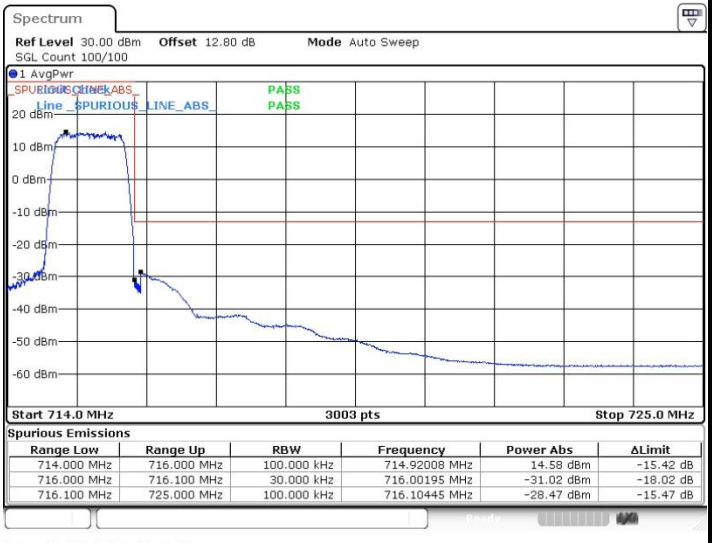


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.00 dBm	-21.00 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98227 MHz	-37.32 dBm	-24.32 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.73626 MHz	14.28 dBm	-15.72 dB

Date: 23.AUG.2015 14:44:56

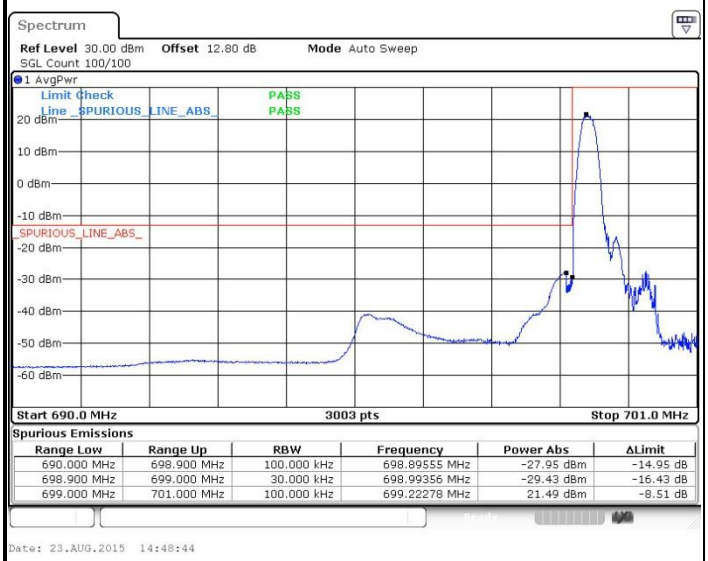
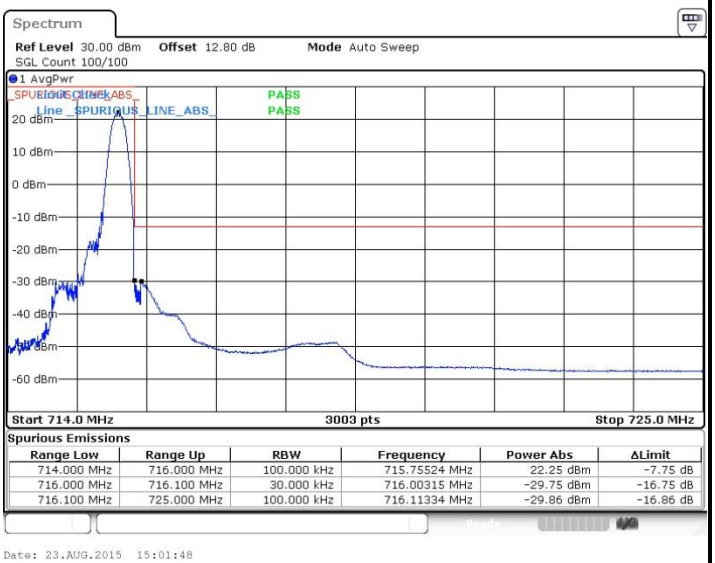
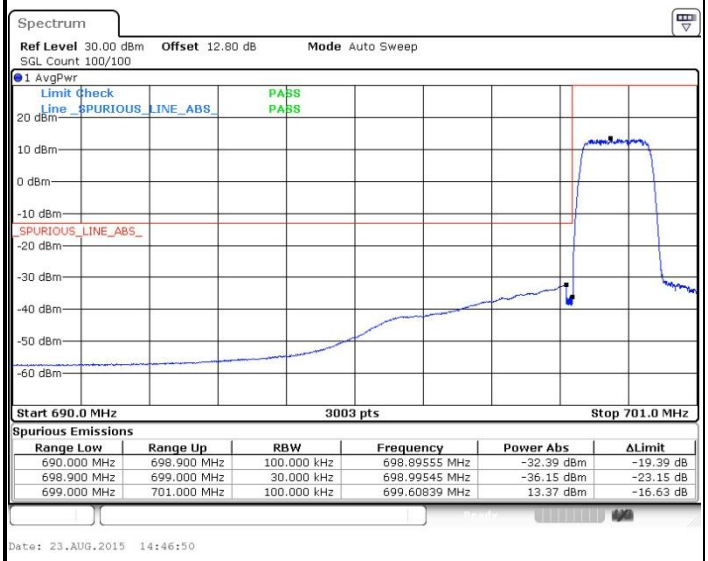
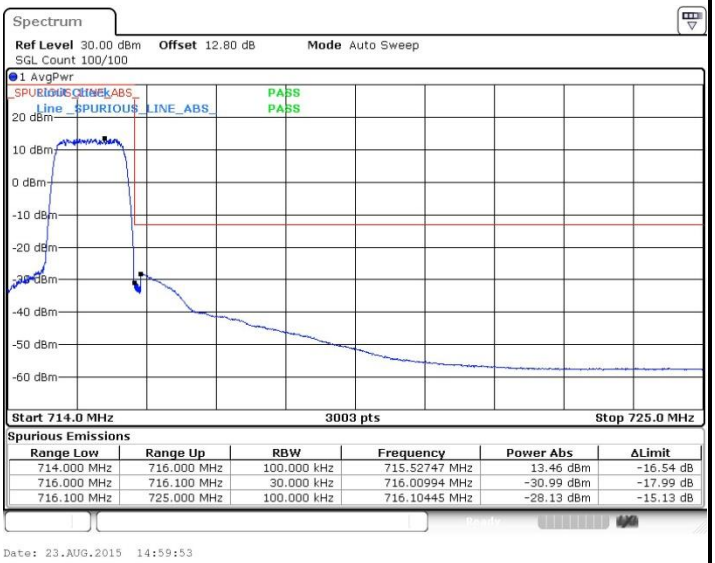
Highest Band Edge / Full RB

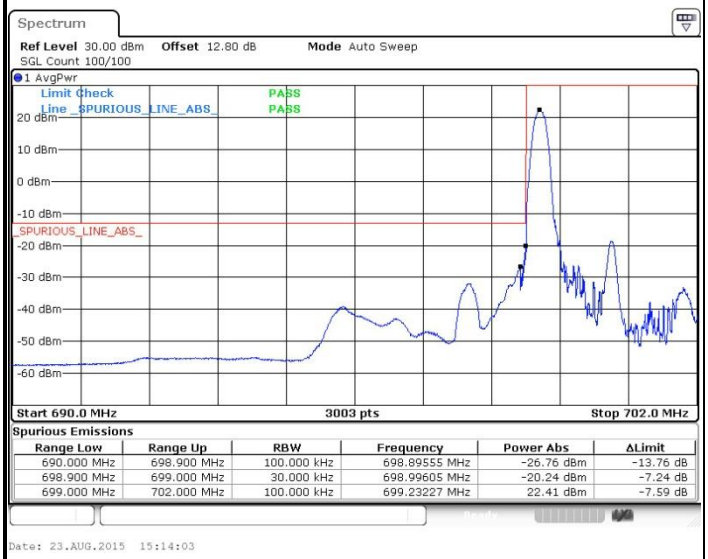
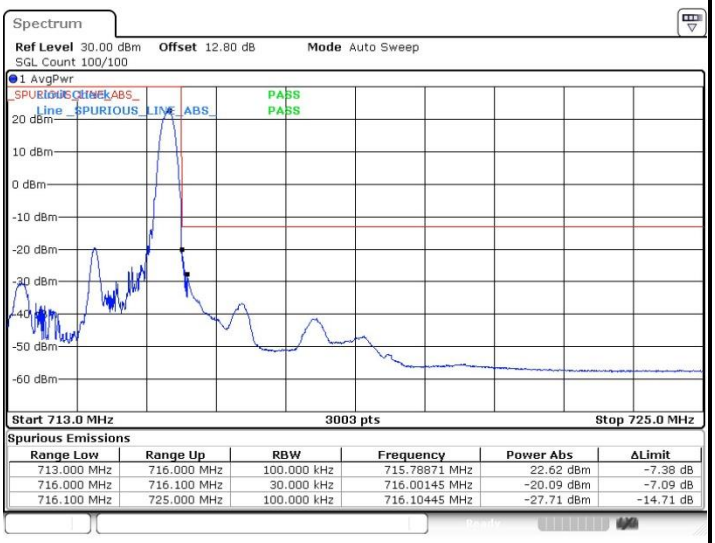
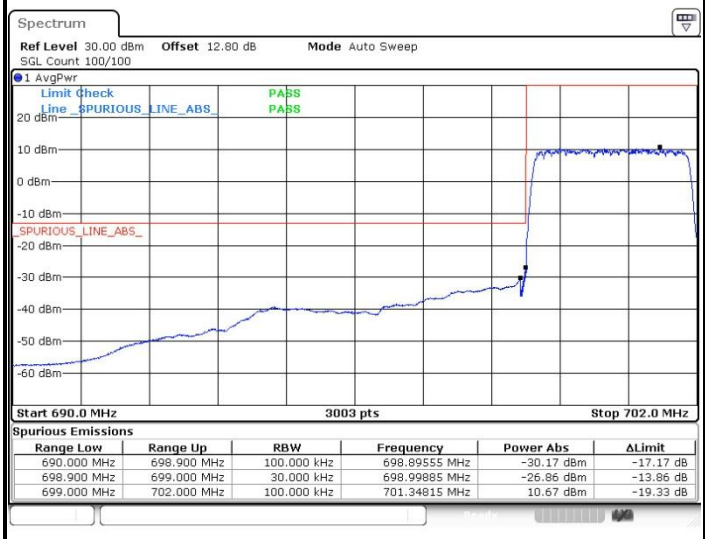


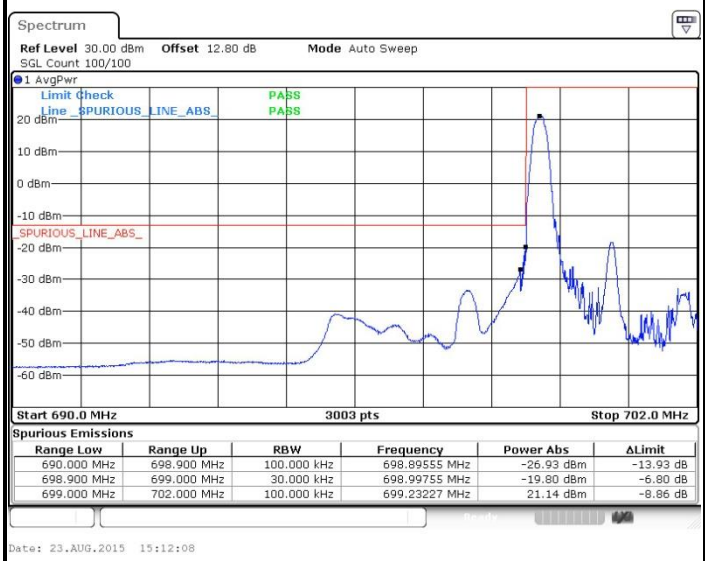
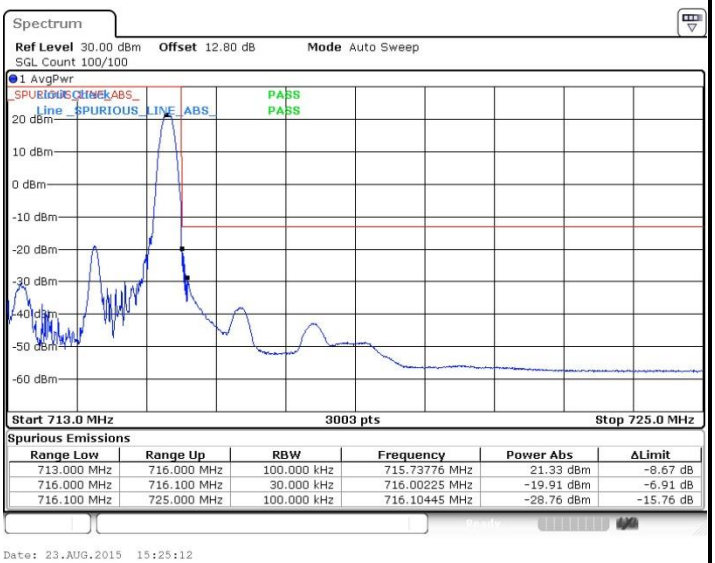
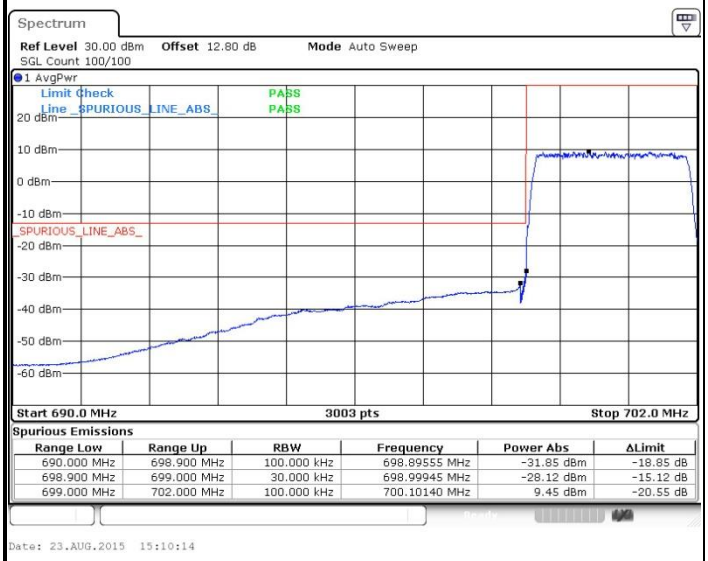
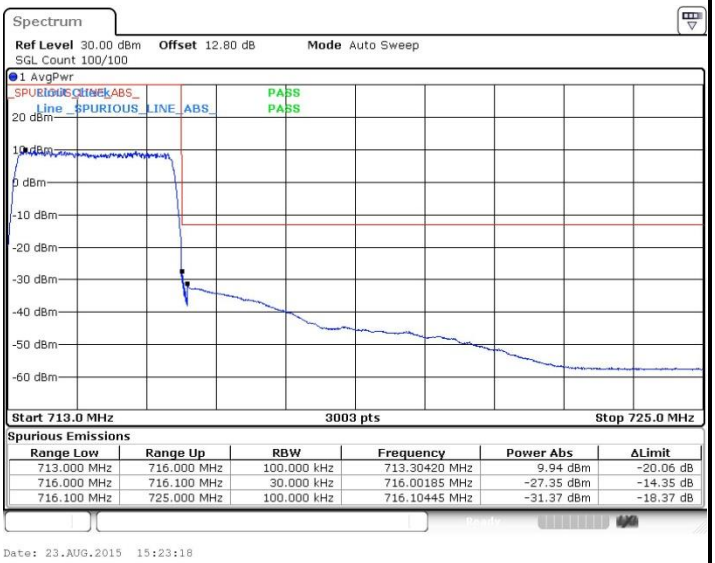
Spurious Emissions

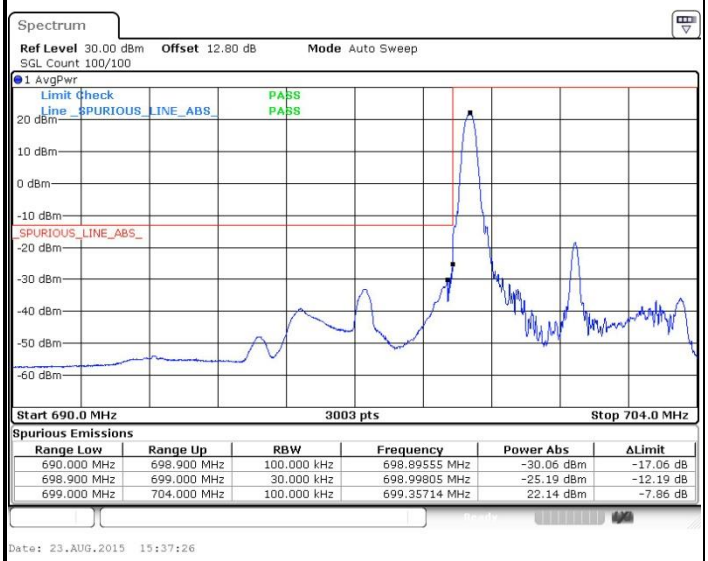
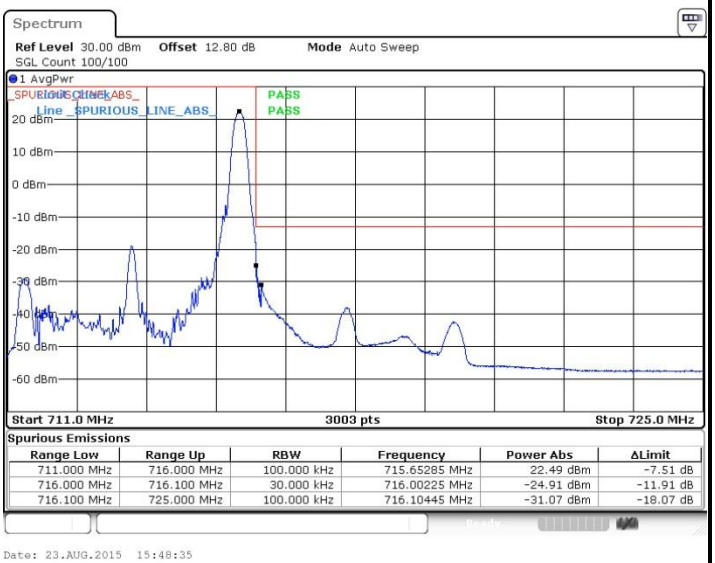
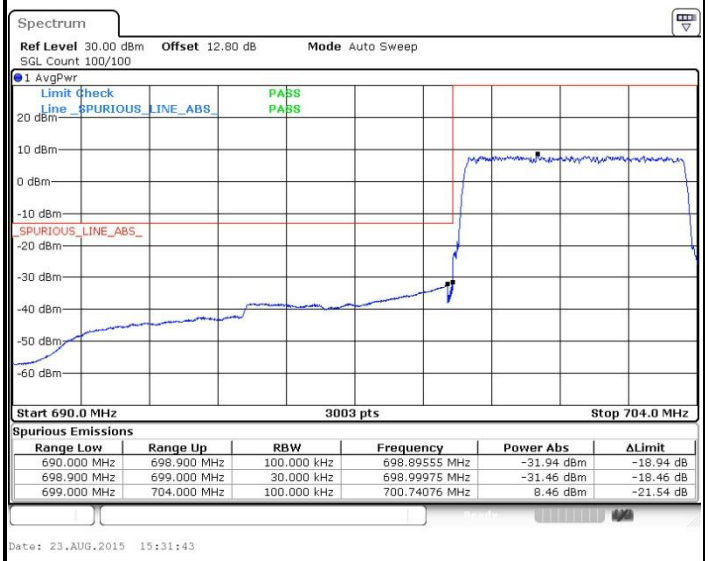
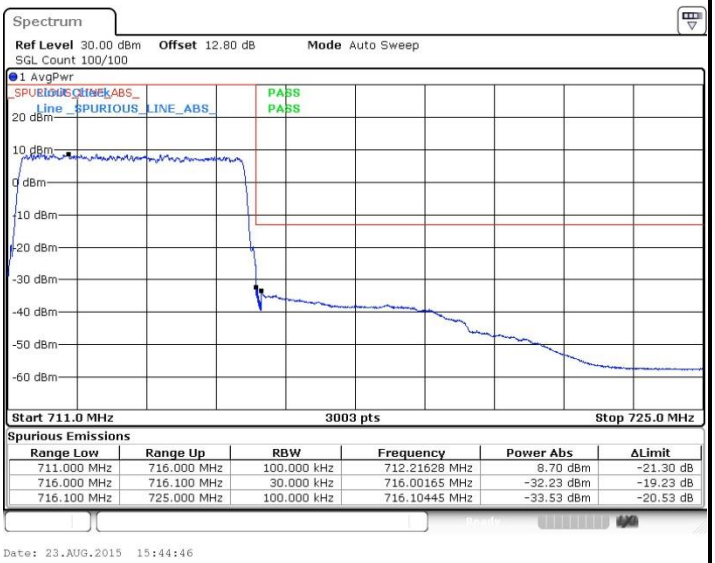
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.92008 MHz	14.58 dBm	-15.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-31.02 dBm	-18.02 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.47 dBm	-15.47 dB

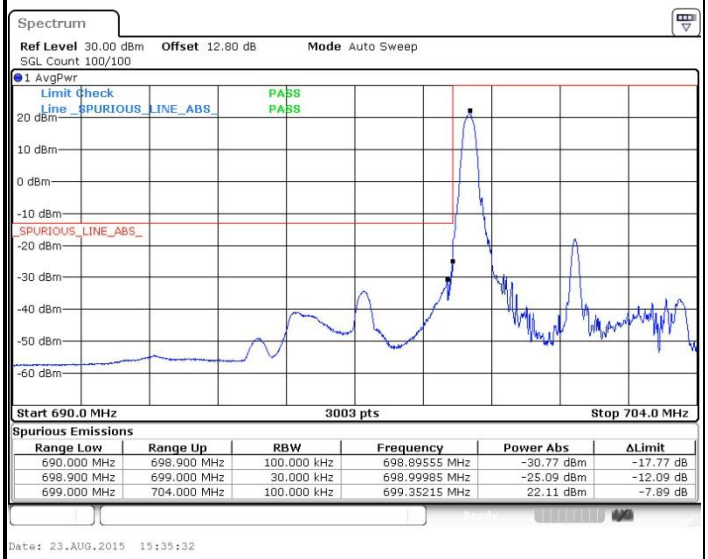
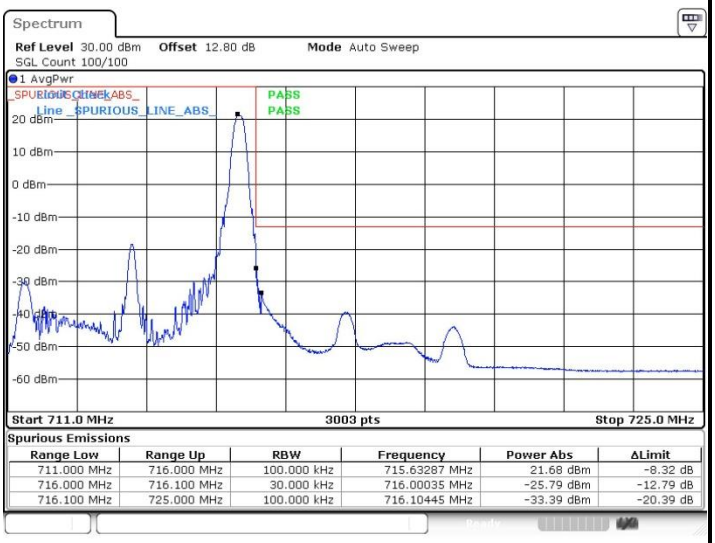
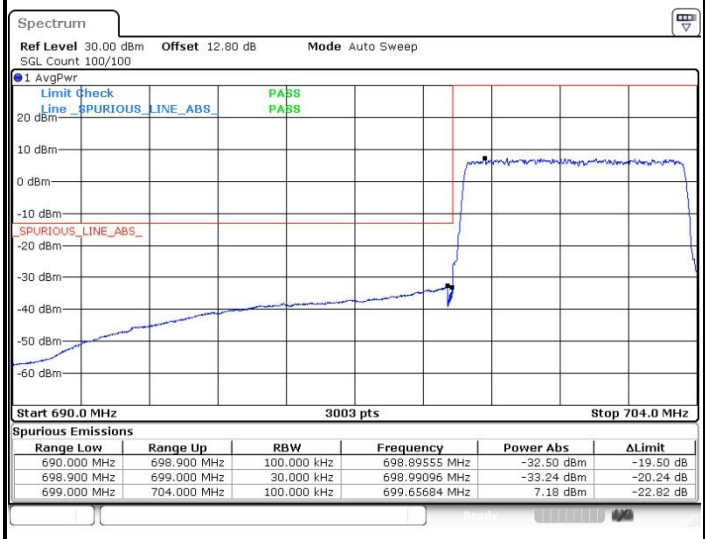
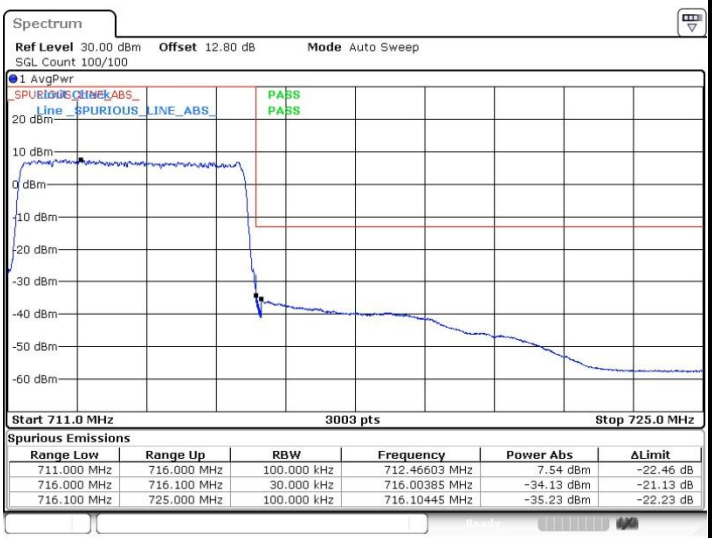
Date: 23.AUG.2015 14:57:59

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**
	

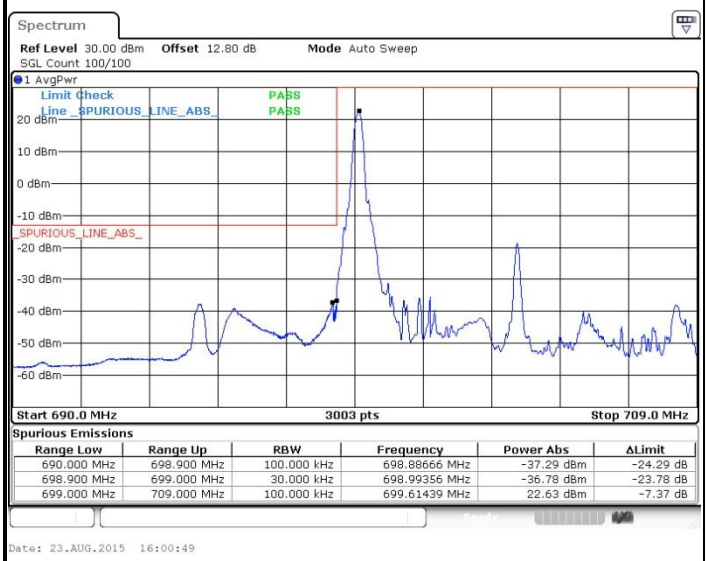
LTE Band 12 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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

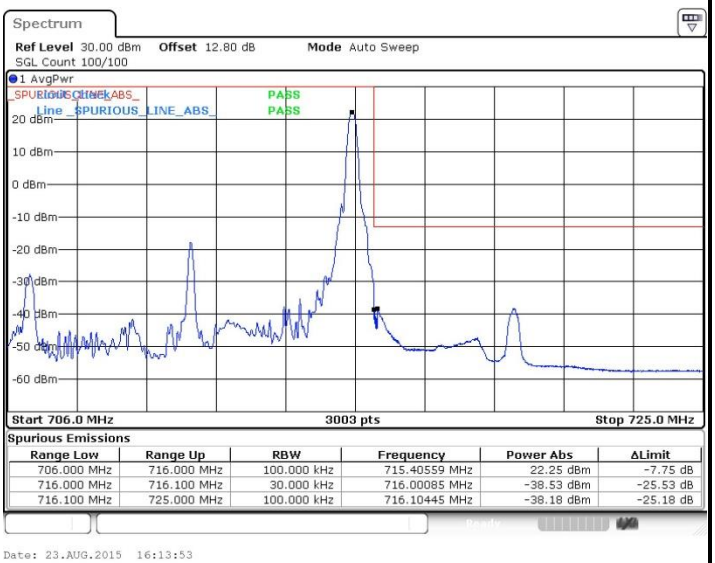


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.29 dBm	-24.29 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99356 MHz	-36.78 dBm	-23.78 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	22.63 dBm	-7.37 dB

Date: 23.AUG.2015 16:00:49

Highest Band Edge / 1 RB

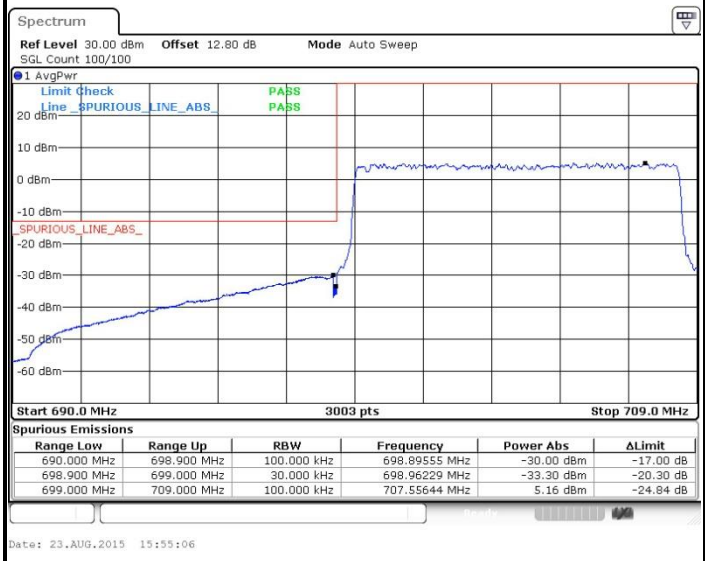


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	22.25 dBm	-7.75 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-38.53 dBm	-25.53 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.18 dBm	-25.18 dB

Date: 23.AUG.2015 16:13:53

Lowest Band Edge / Full RB

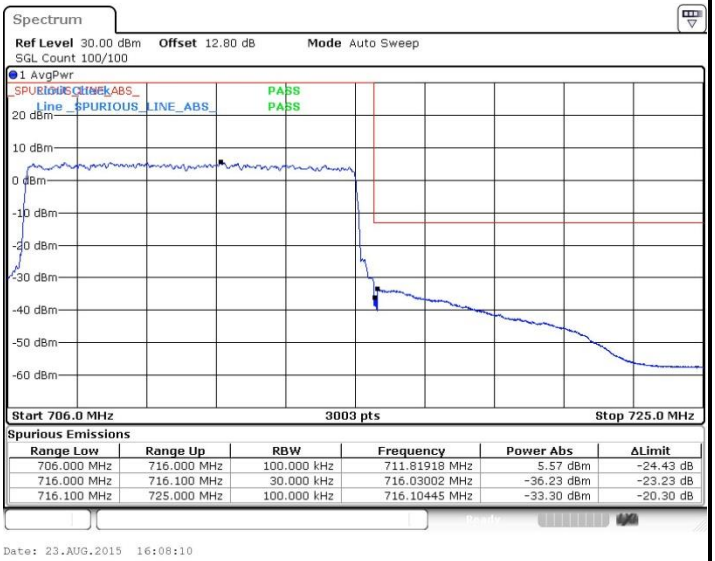


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.00 dBm	-17.00 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96229 MHz	-33.30 dBm	-20.30 dB
699.000 MHz	709.000 MHz	100.000 kHz	707.55644 MHz	5.16 dBm	-24.84 dB

Date: 23.AUG.2015 15:55:06

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.81918 MHz	5.57 dBm	-24.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03002 MHz	-36.23 dBm	-23.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.30 dBm	-20.30 dB

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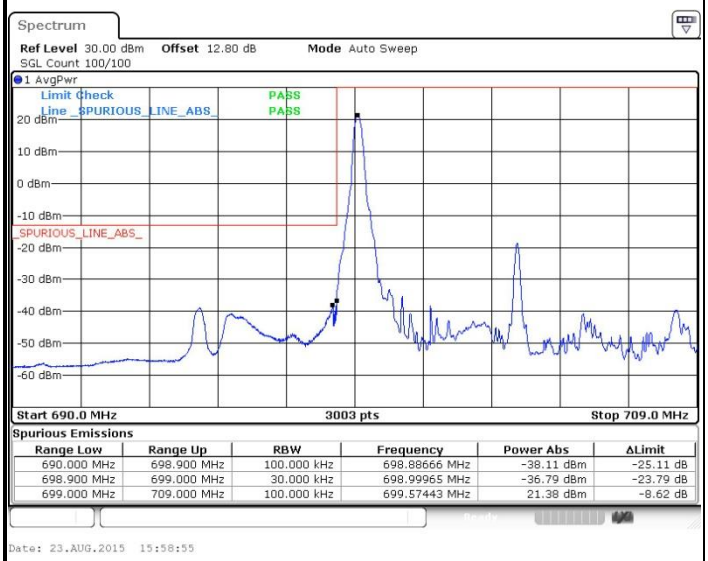
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

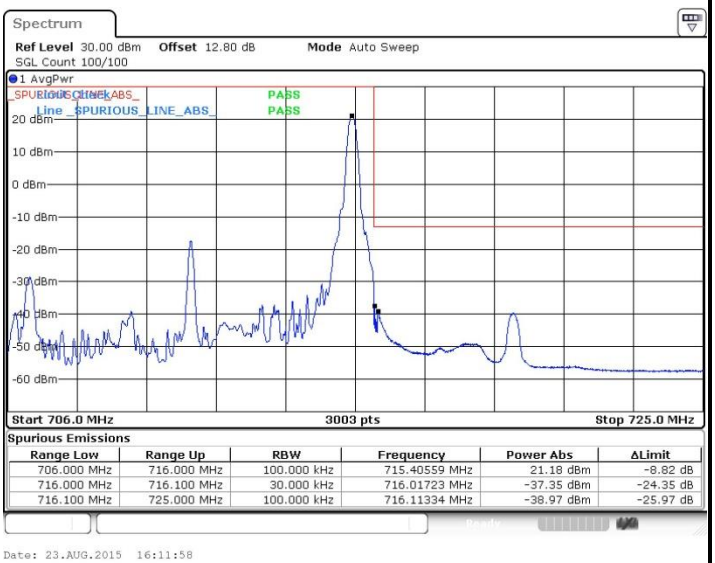


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-38.11 dBm	-25.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-36.79 dBm	-23.79 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	21.38 dBm	-8.62 dB

Date: 23.AUG.2015 15:58:55

Highest Band Edge / 1 RB

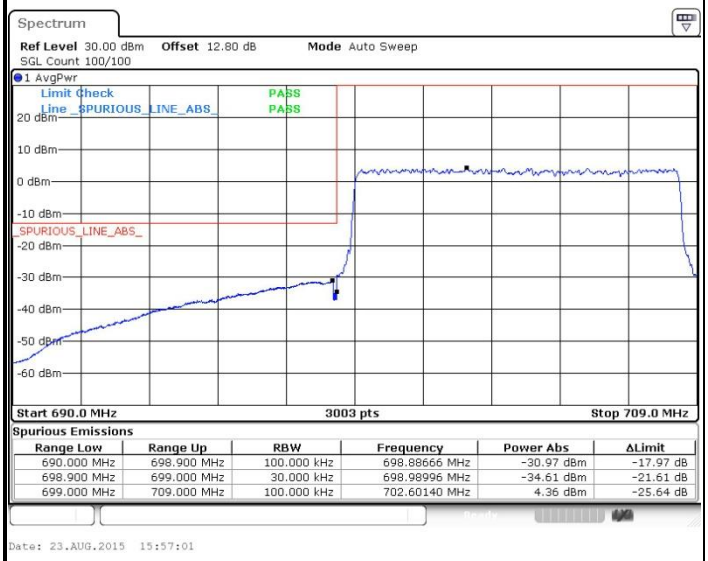


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	21.18 dBm	-8.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01723 MHz	-37.35 dBm	-24.35 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-38.97 dBm	-25.97 dB

Date: 23.AUG.2015 16:11:58

Lowest Band Edge / Full RB

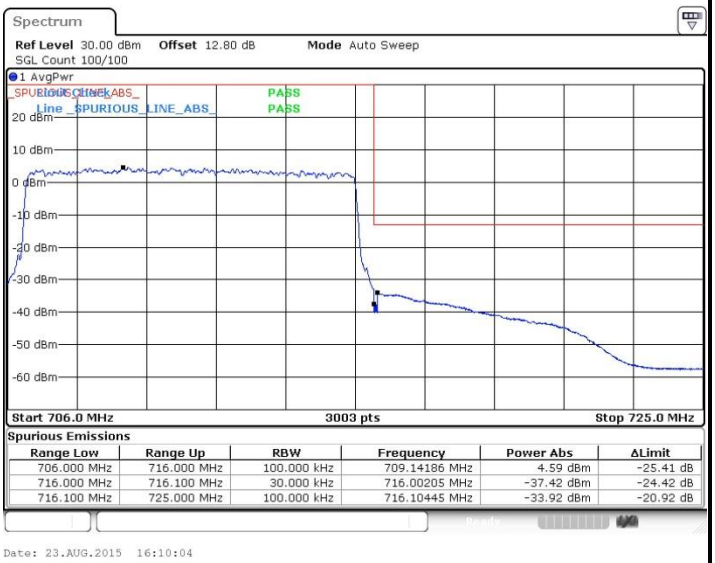


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.97 dBm	-17.97 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98996 MHz	-34.61 dBm	-21.61 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.60140 MHz	4.36 dBm	-25.64 dB

Date: 23.AUG.2015 15:57:01

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.14186 MHz	4.59 dBm	-25.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-37.42 dBm	-24.42 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.92 dBm	-20.92 dB

Date: 23.AUG.2015 16:10:04