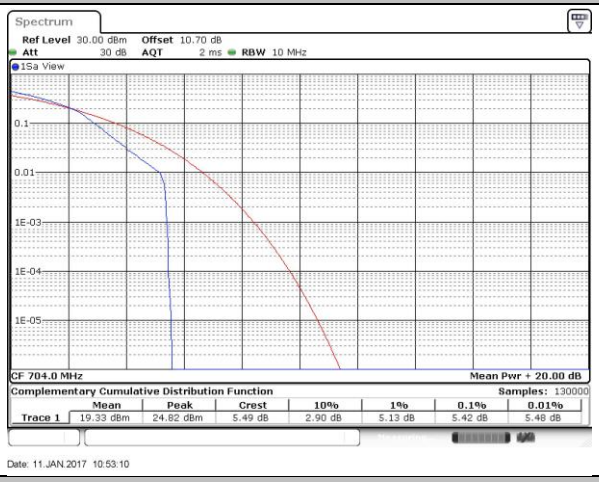
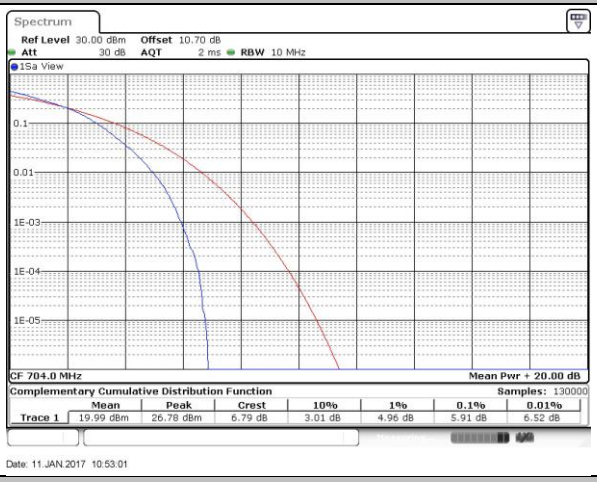
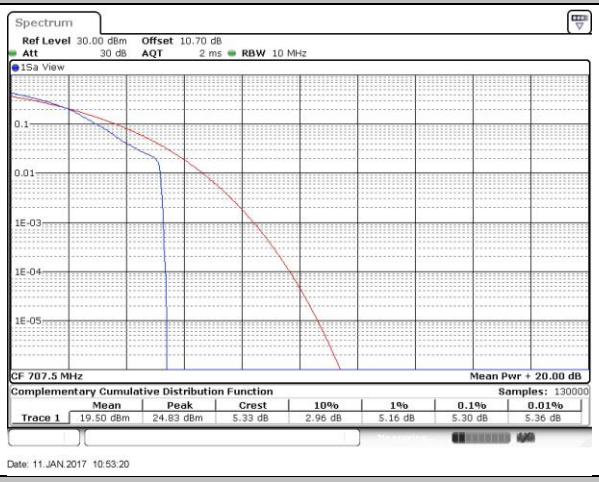
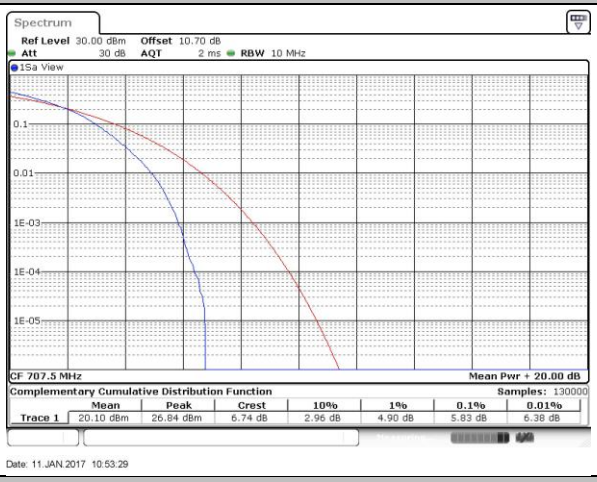
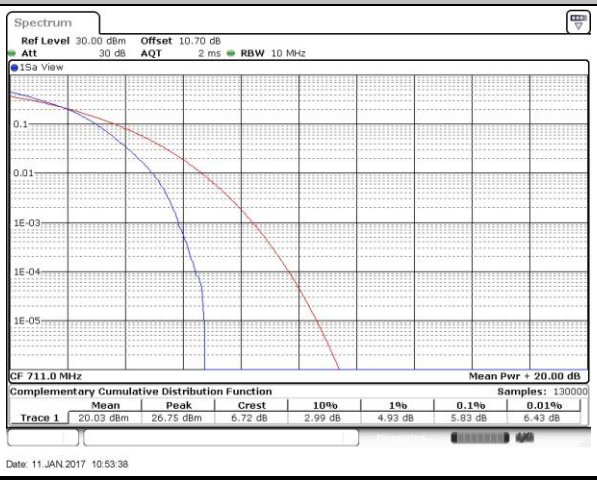
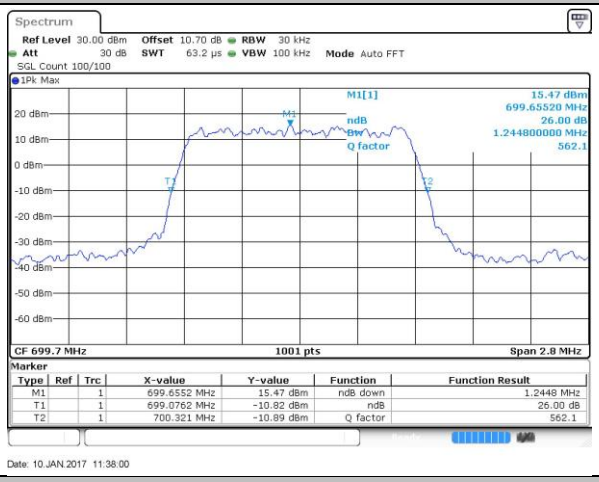
LTE Band 12 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

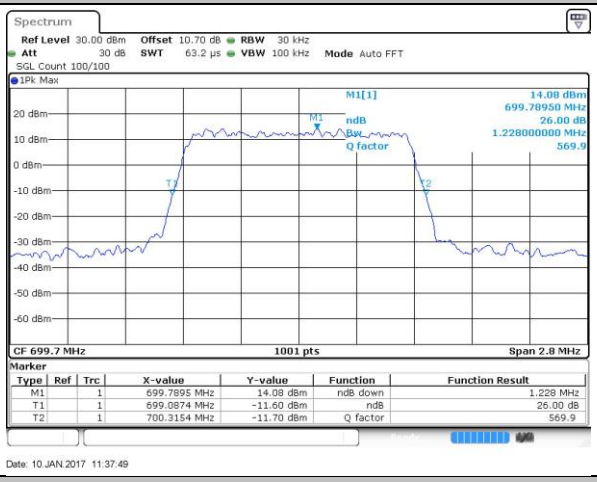
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.245	1.228	3.021	3.039	4.895	4.805	9.71	9.91	-	-	-	-
Middle CH	1.234	1.22	3.009	3.027	4.855	4.915	9.63	9.63	-	-	-	-
Highest CH	1.228	1.231	3.009	3.039	4.955	4.925	9.79	9.79	-	-	-	-

LTE Band 12

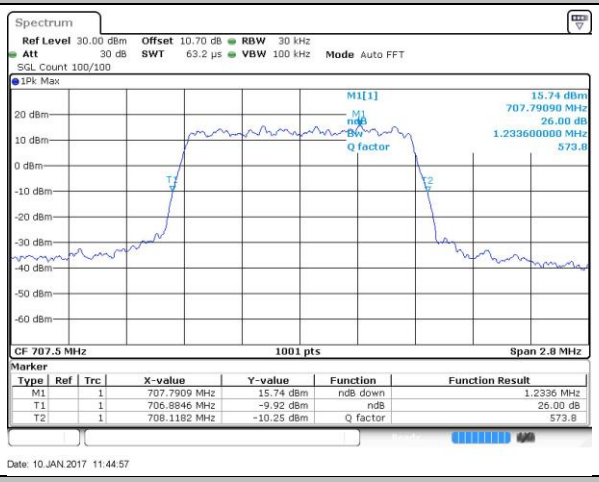
Lowest Channel / 1.4MHz / QPSK



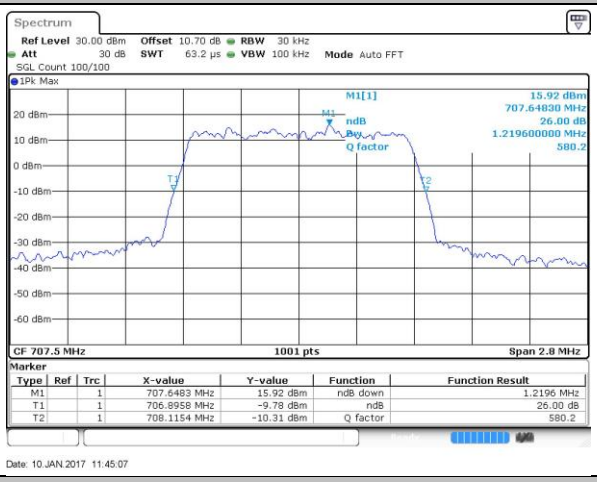
Lowest Channel / 1.4MHz / 16QAM



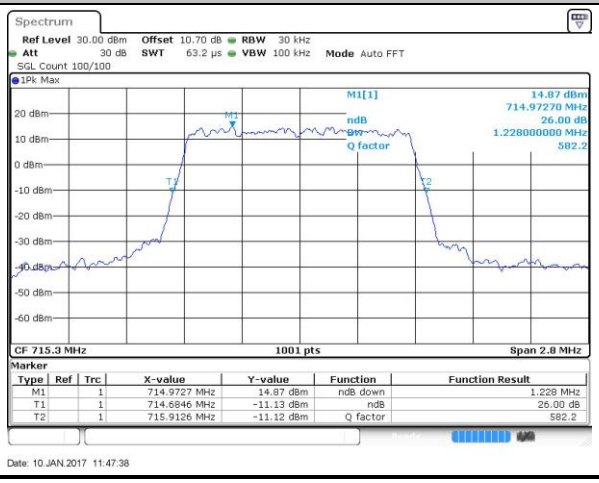
Middle Channel / 1.4MHz / QPSK



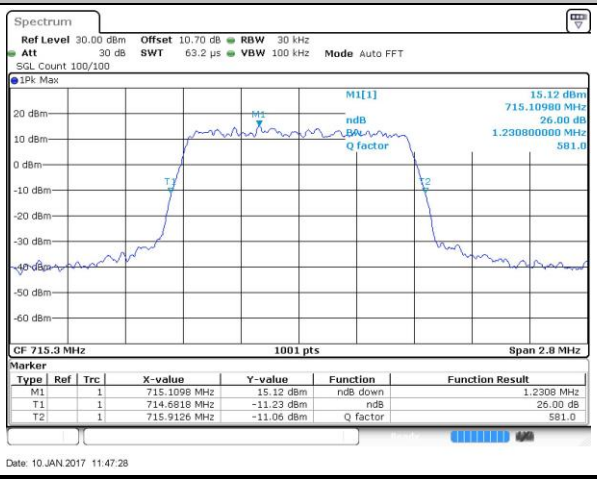
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

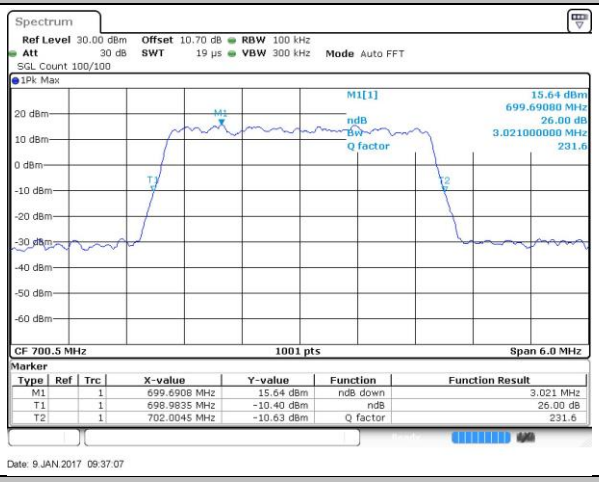


Highest Channel / 1.4MHz / 16QAM

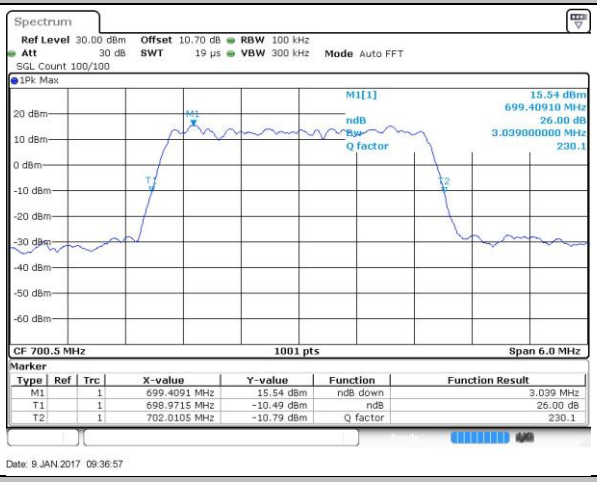


LTE Band 12

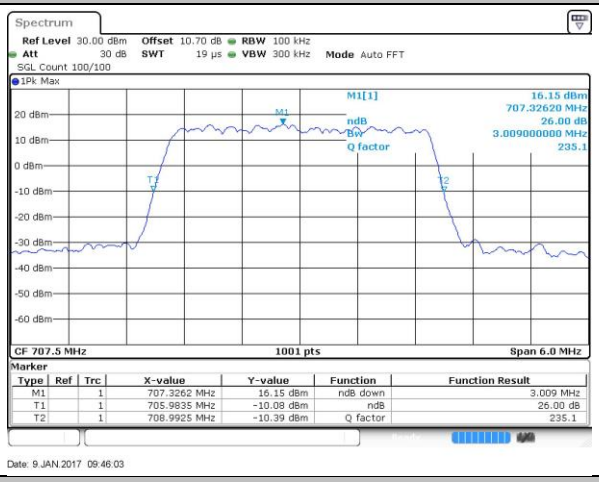
Lowest Channel / 3MHz / QPSK



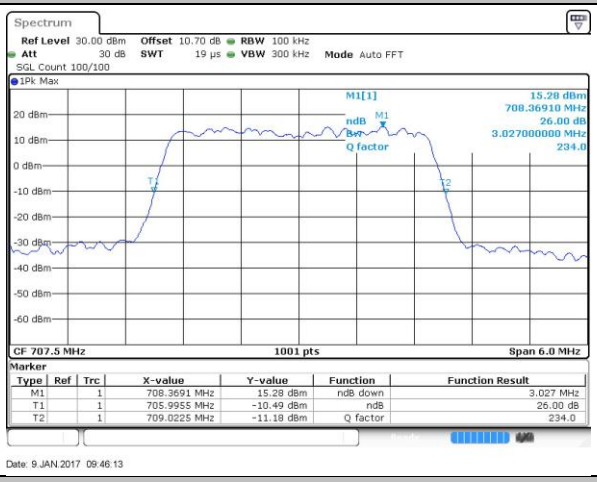
Lowest Channel / 3MHz / 16QAM



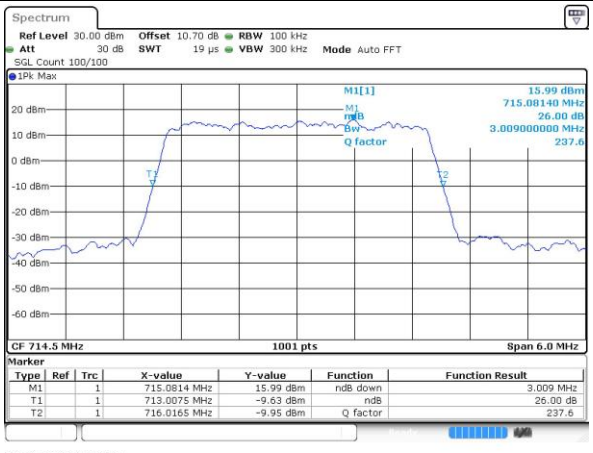
Middle Channel / 3MHz / QPSK



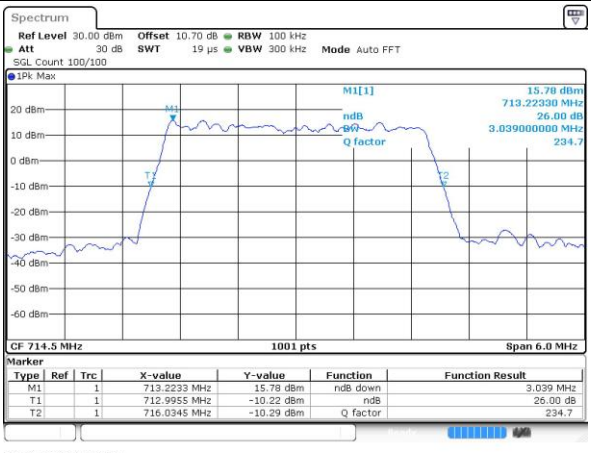
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

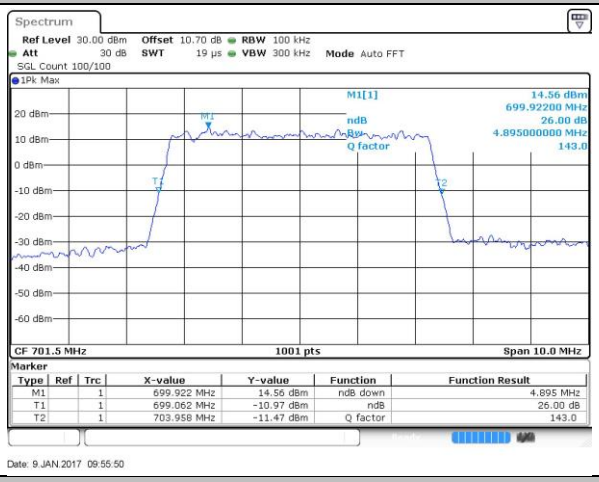


Highest Channel /3MHz / 16QAM

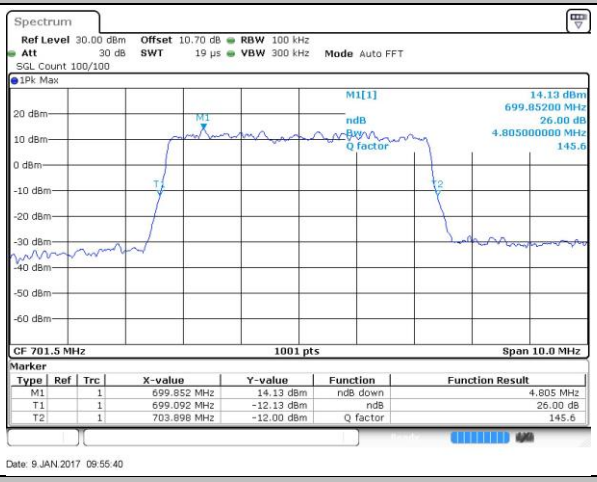


LTE Band 12

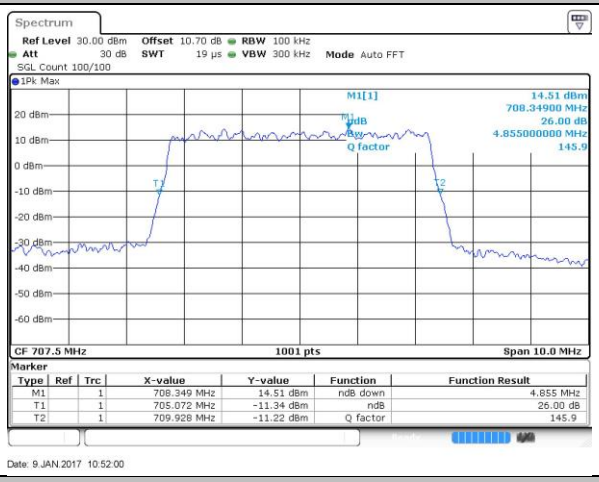
Lowest Channel / 5MHz / QPSK



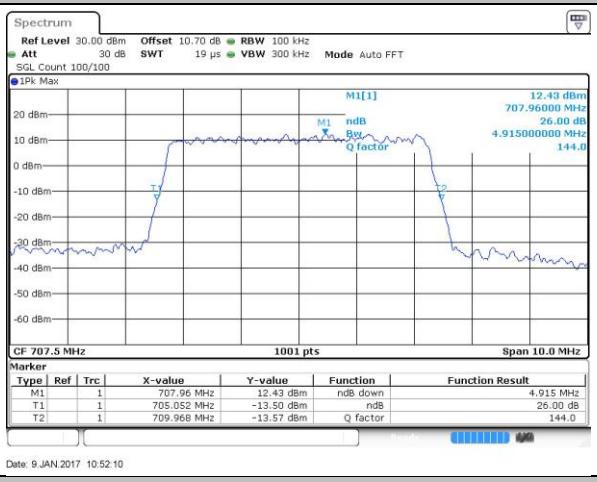
Lowest Channel / 5MHz / 16QAM



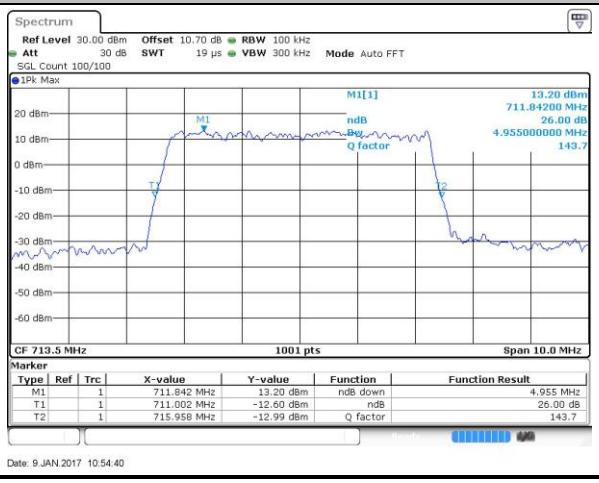
Middle Channel / 5MHz / QPSK



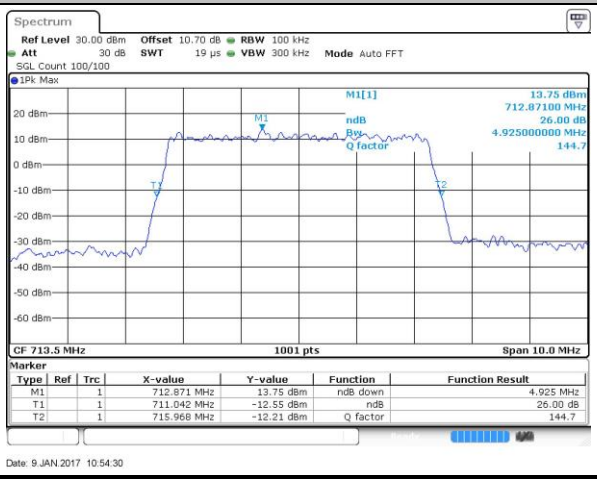
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

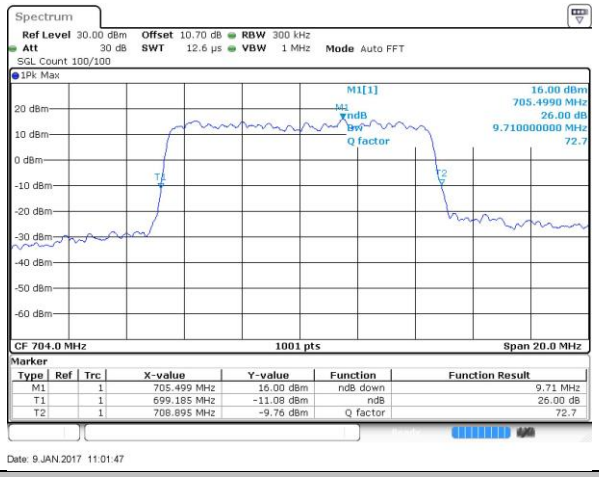


Highest Channel / 5MHz / 16QAM

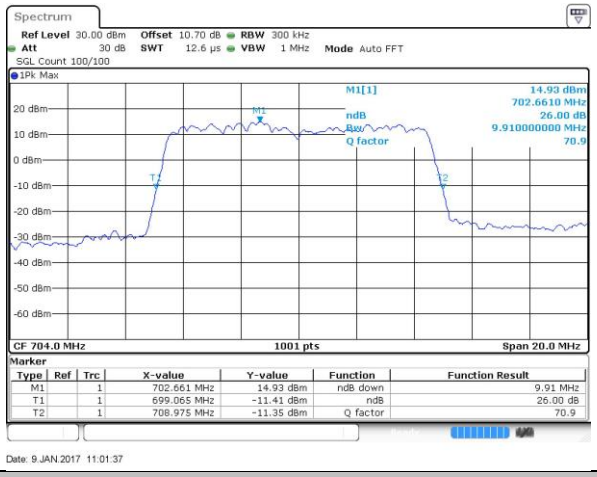


LTE Band 12

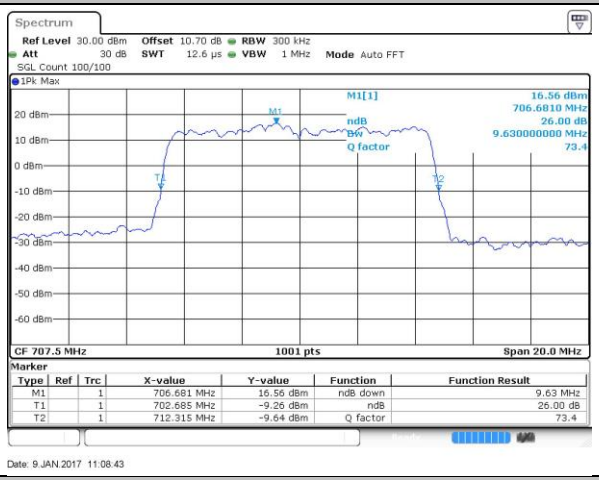
Lowest Channel / 10MHz / QPSK



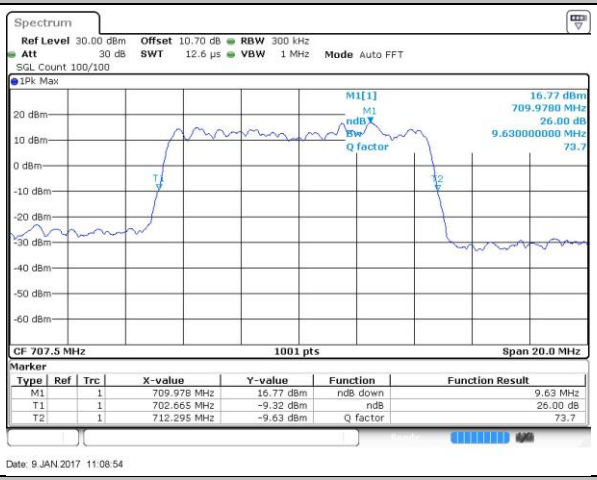
Lowest Channel / 10MHz / 16QAM



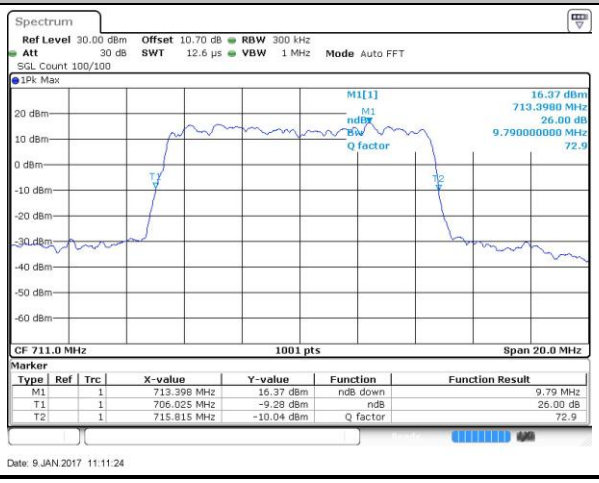
Middle Channel / 10MHz / QPSK



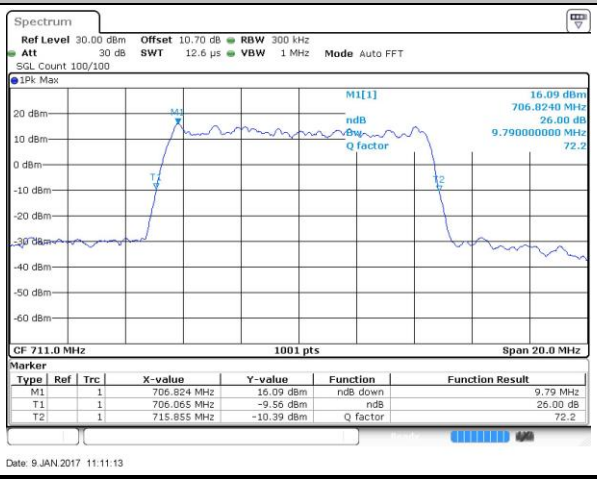
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

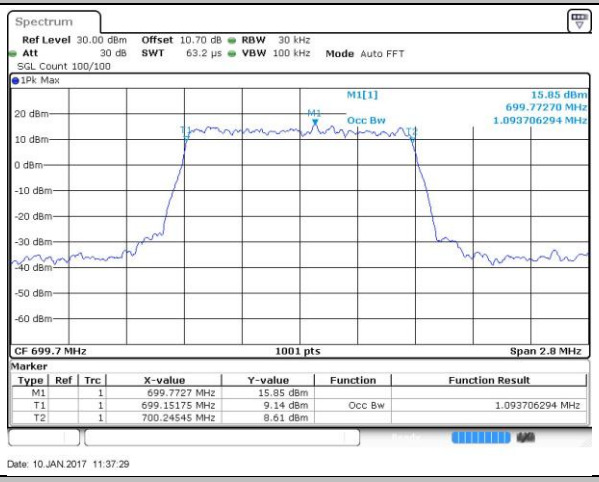


Occupied Bandwidth

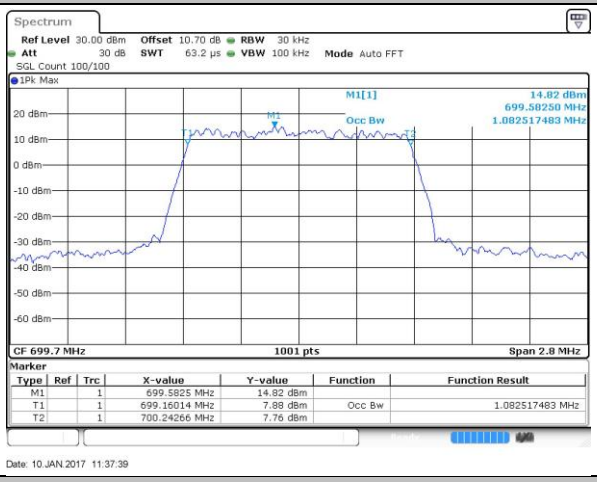
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.08	2.72	2.72	4.47	4.48	9.03	9.01	-	-	-	-
Middle CH	1.09	1.08	2.75	2.7	4.47	4.49	9.07	9.01	-	-	-	-
Highest CH	1.08	1.09	2.72	2.71	4.49	4.49	9.03	8.97	-	-	-	-

LTE Band 12

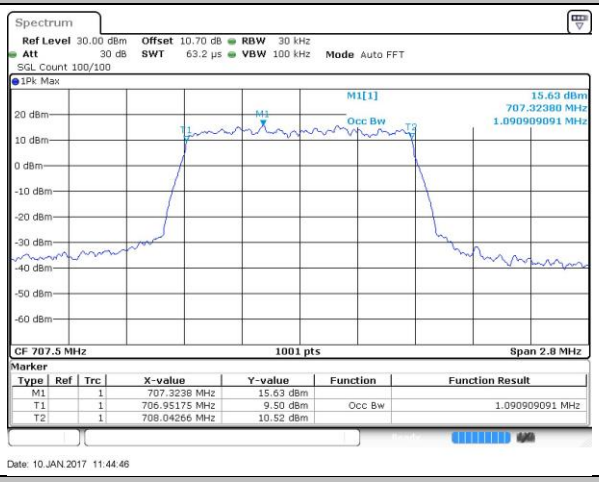
Lowest Channel / 1.4MHz / QPSK



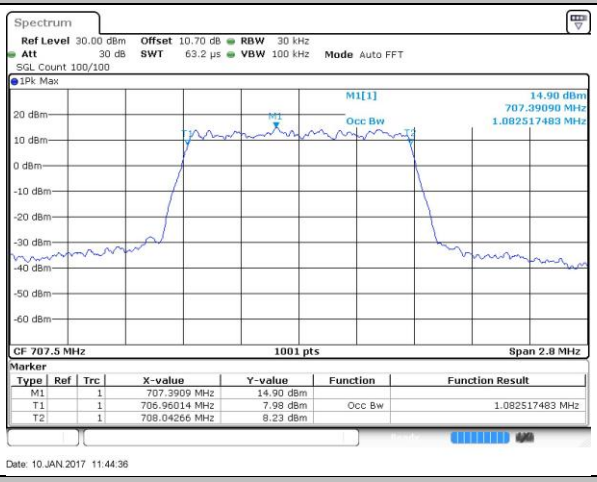
Lowest Channel / 1.4MHz / 16QAM



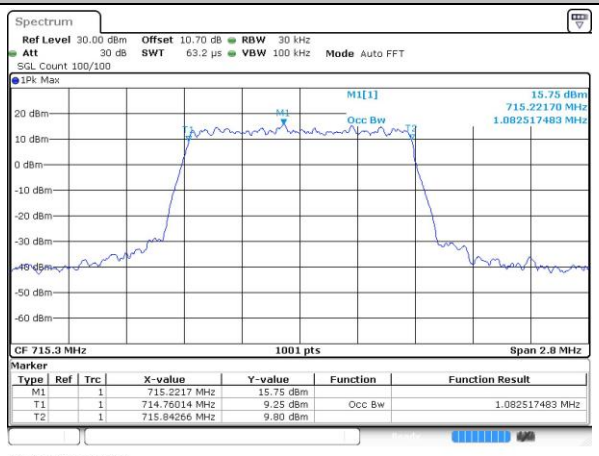
Middle Channel / 1.4MHz / QPSK



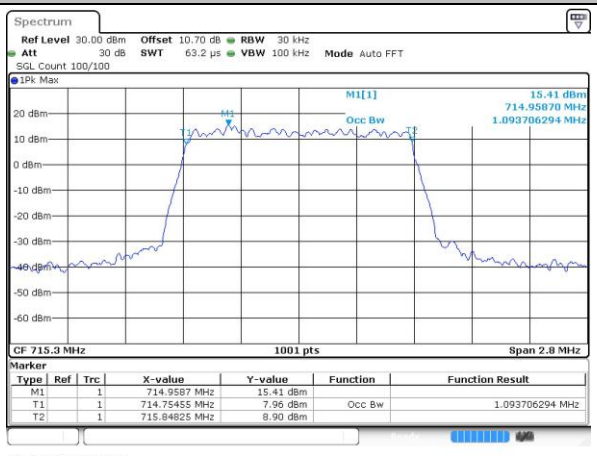
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

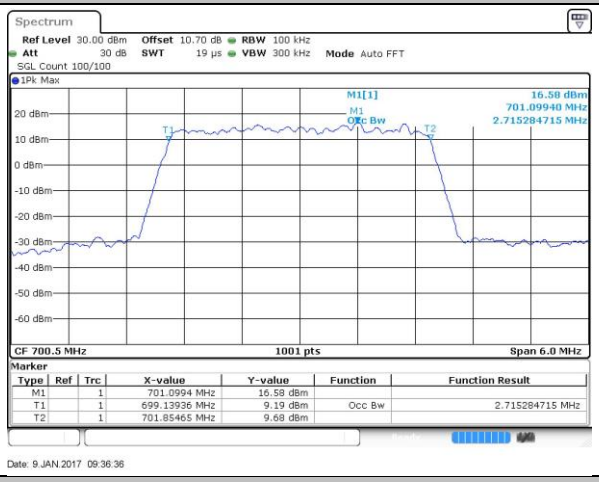


Highest Channel / 1.4MHz / 16QAM

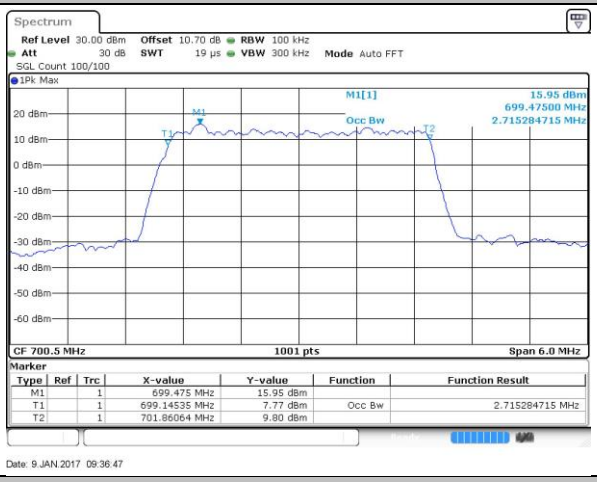


LTE Band 12

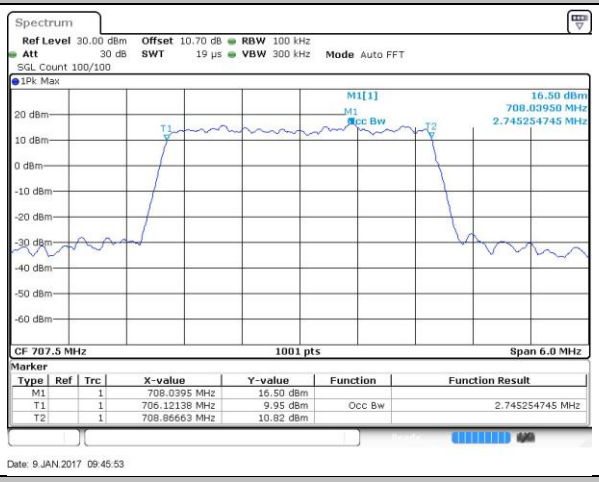
Lowest Channel / 3MHz / QPSK



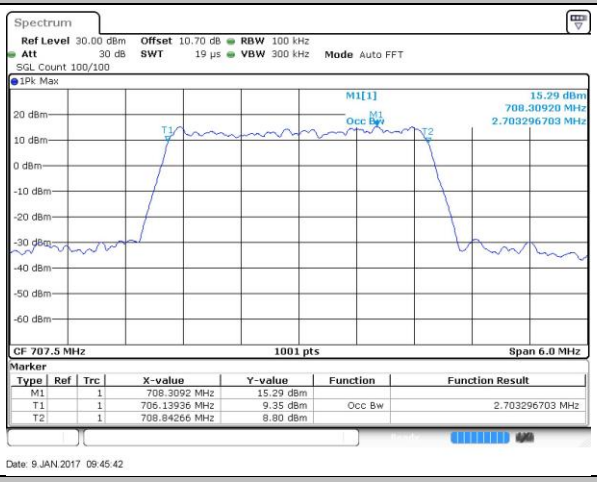
Lowest Channel / 3MHz / 16QAM



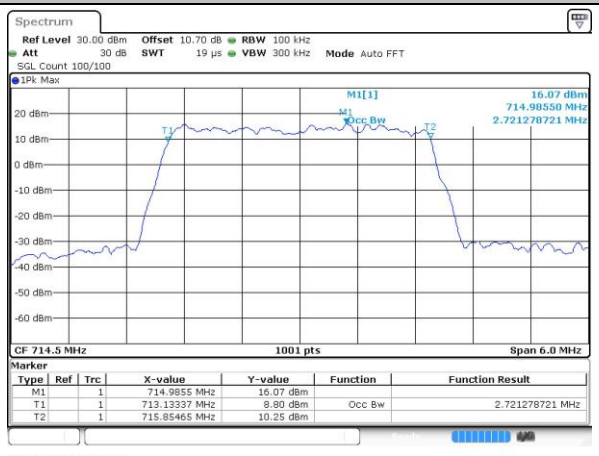
Middle Channel / 3MHz / QPSK



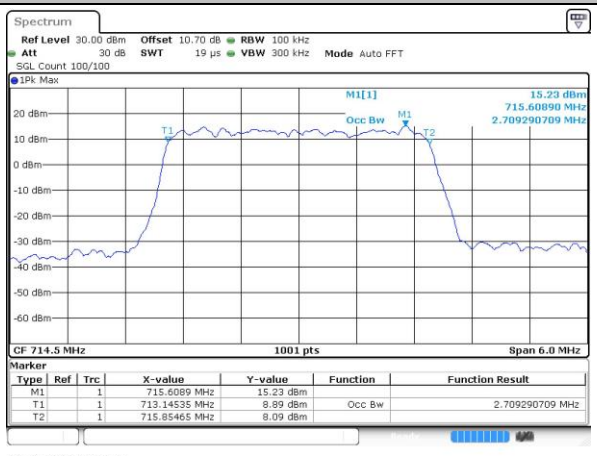
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

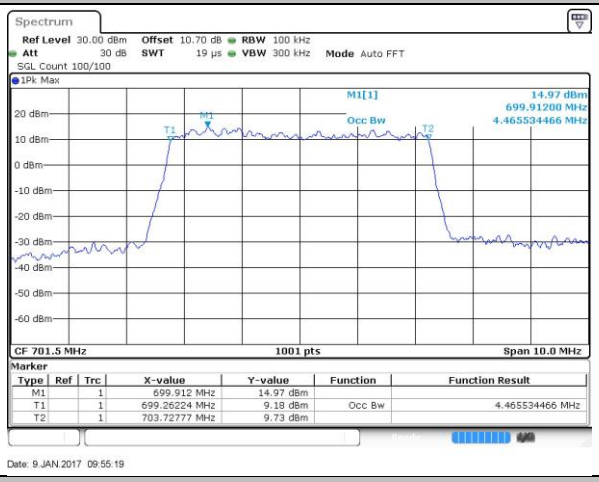


Highest Channel / 3MHz / 16QAM

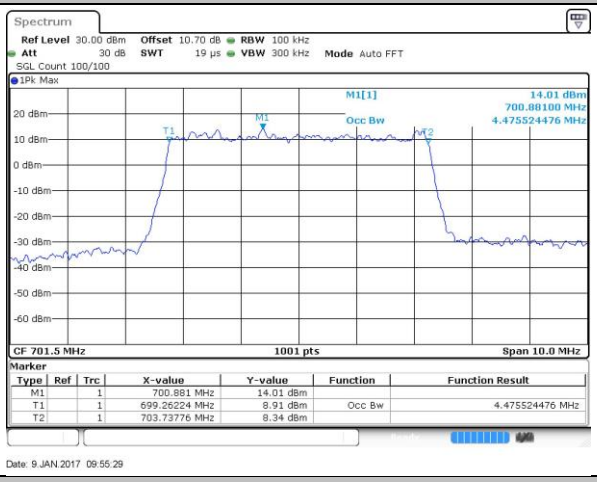


LTE Band 12

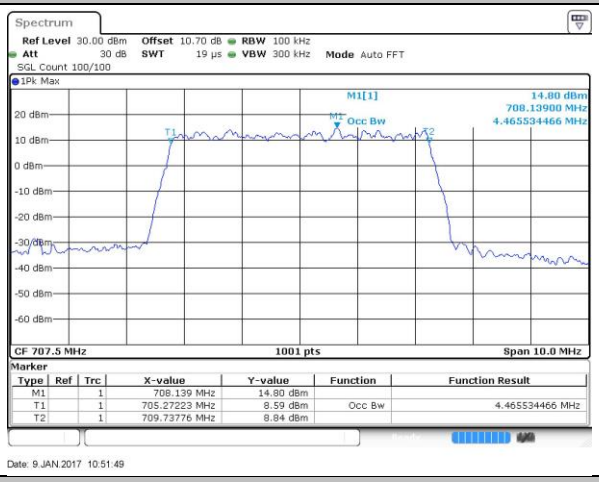
Lowest Channel / 5MHz / QPSK



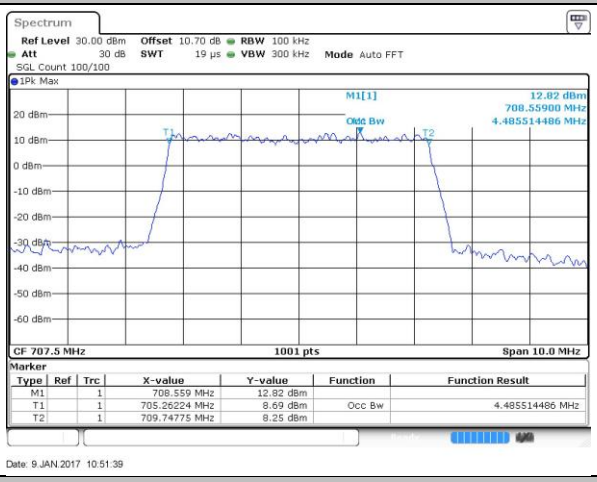
Lowest Channel / 5MHz / 16QAM



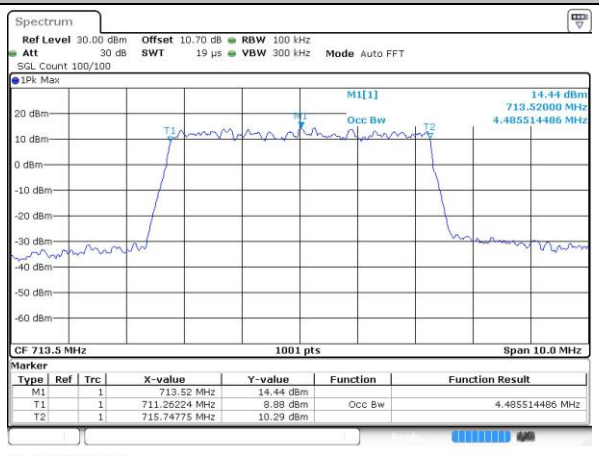
Middle Channel / 5MHz / QPSK



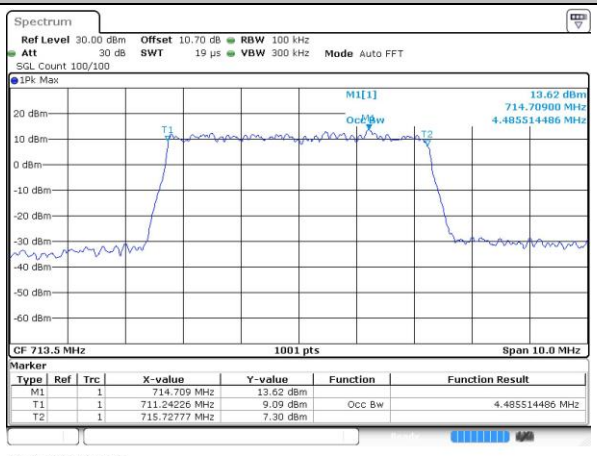
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

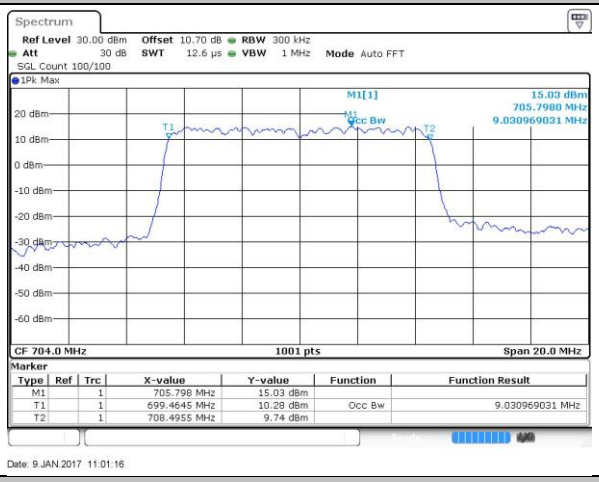


Highest Channel / 5MHz / 16QAM

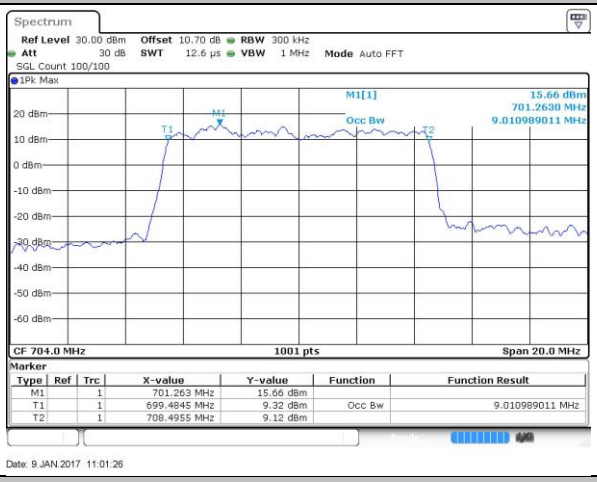


LTE Band 12

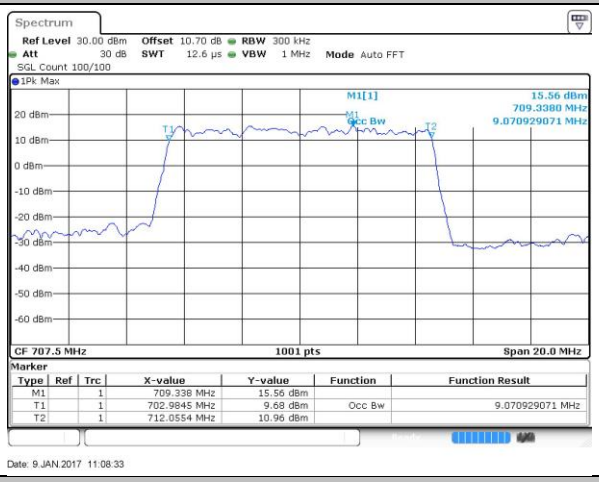
Lowest Channel / 10MHz / QPSK



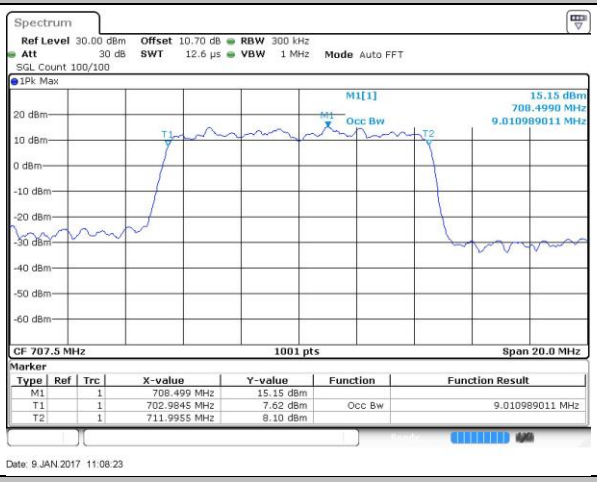
Lowest Channel / 10MHz / 16QAM



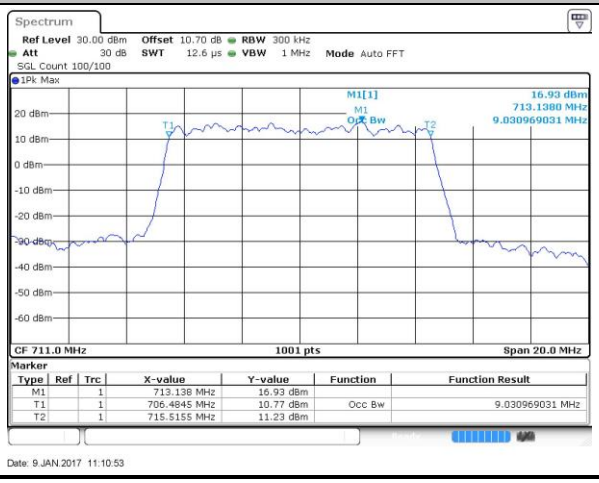
Middle Channel / 10MHz / QPSK



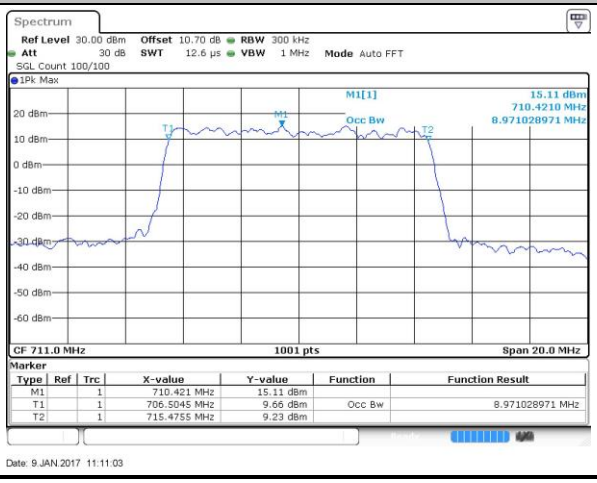
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



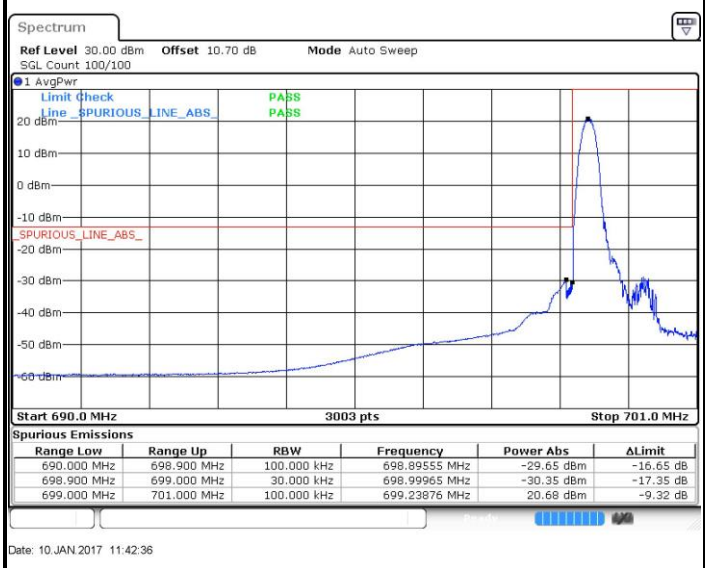
Highest Channel / 10MHz / 16QAM



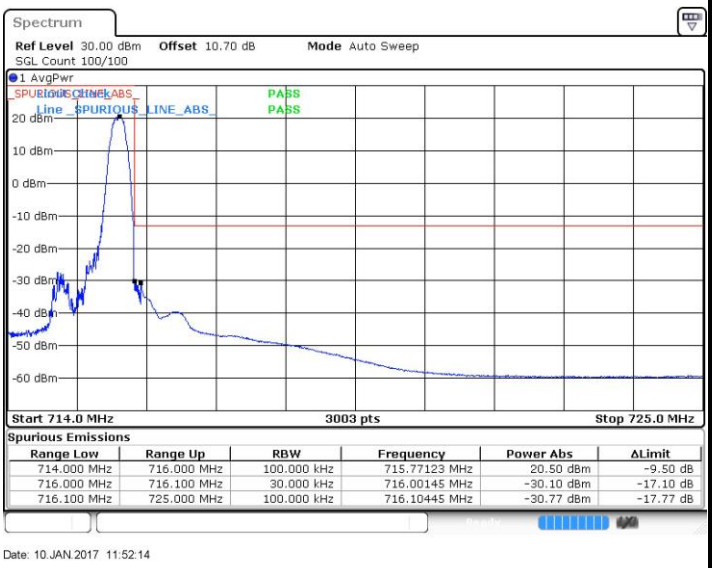
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

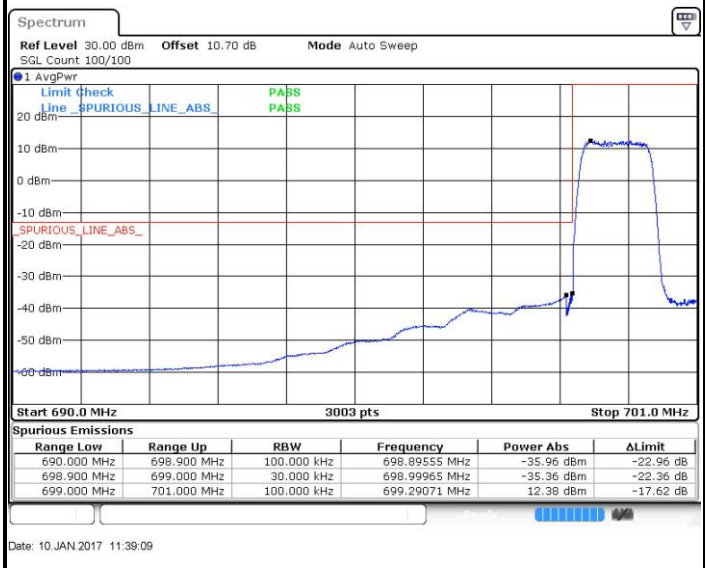
Lowest Band Edge / 1 RB



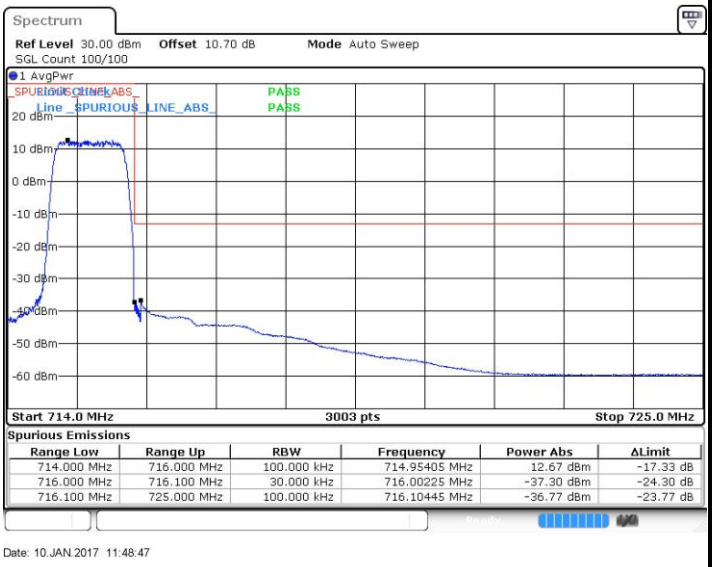
Highest Band Edge / 1RB

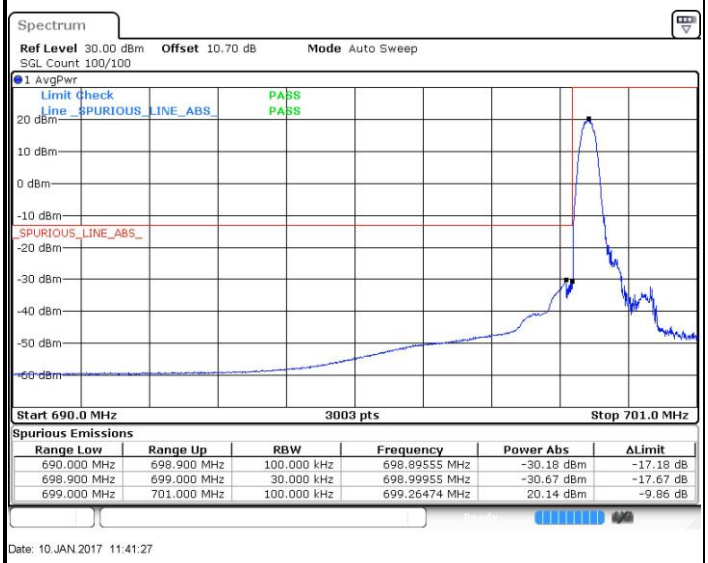
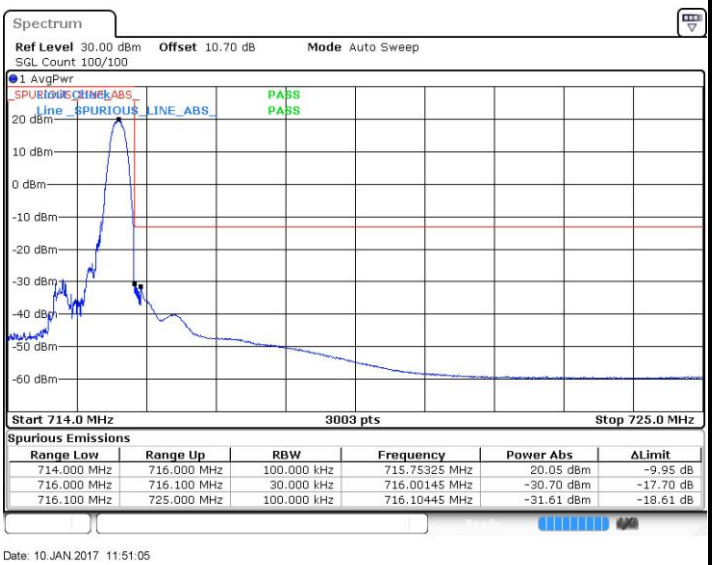
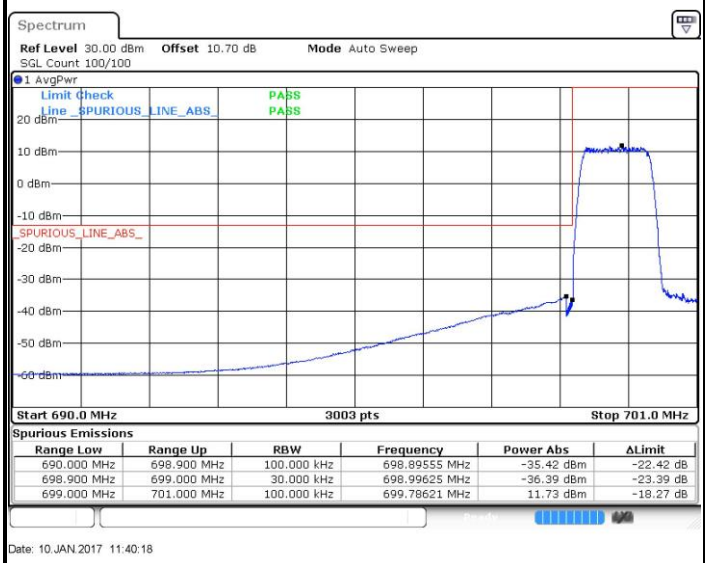
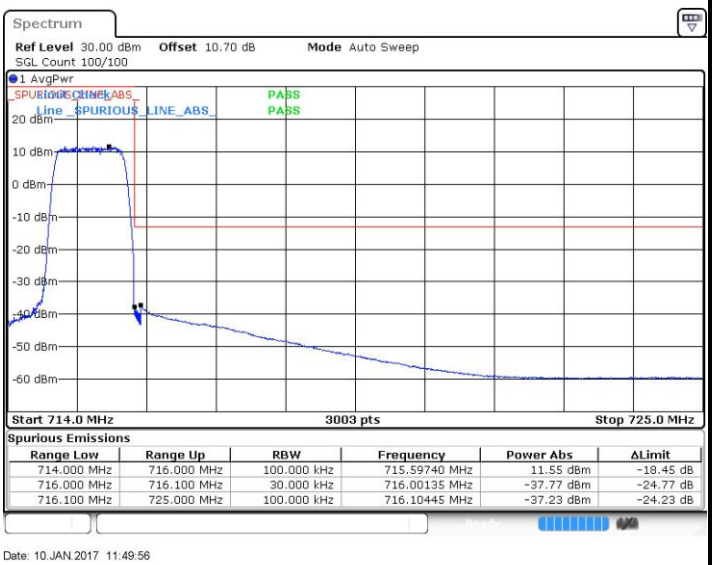


Lowest Band Edge / Full RB

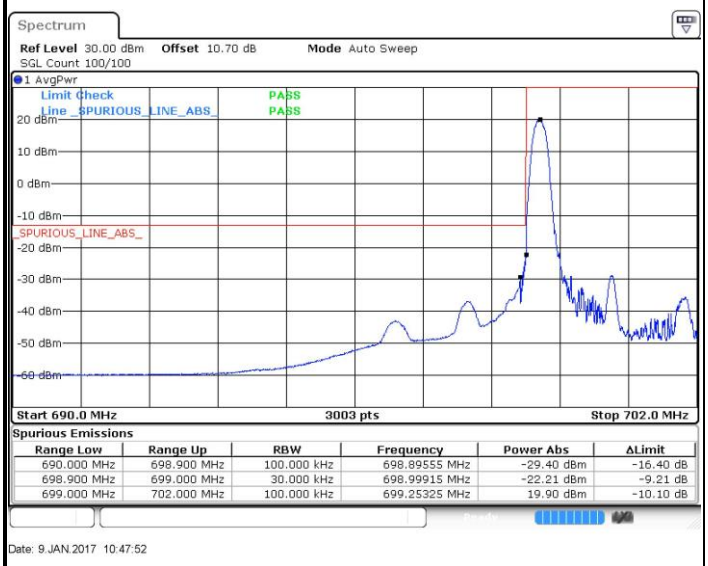


Highest Band Edge / Full RB



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**



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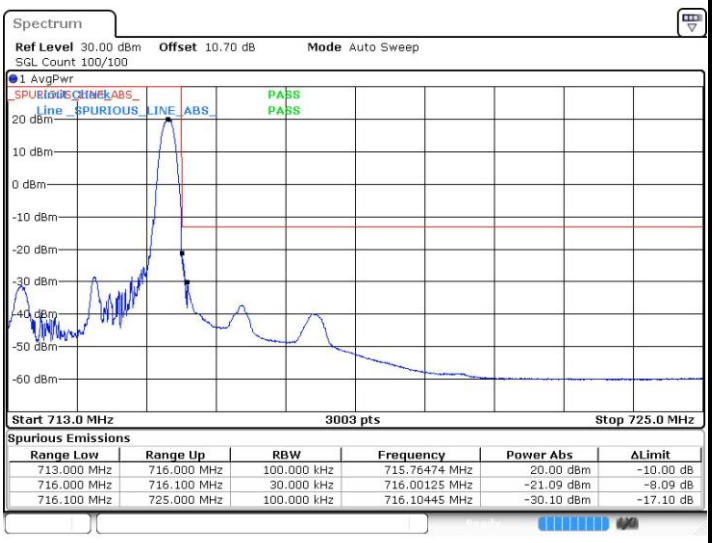

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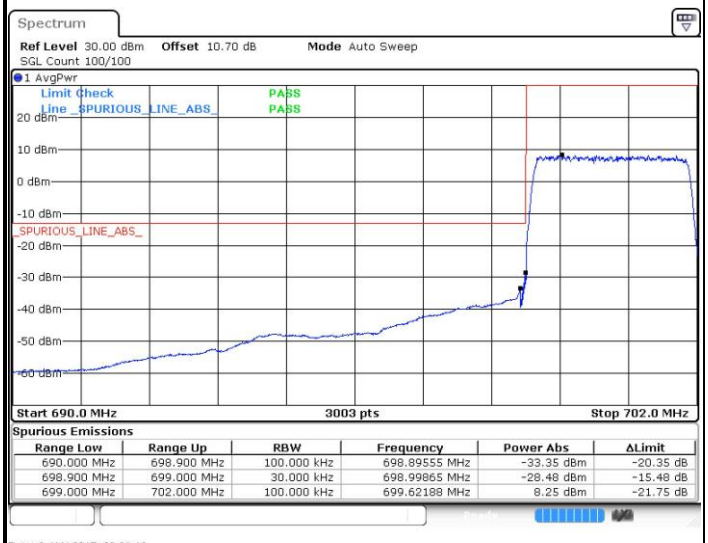

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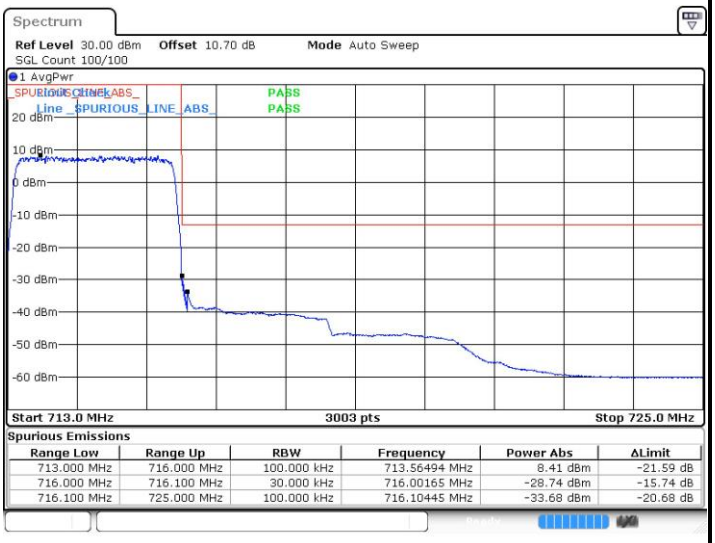
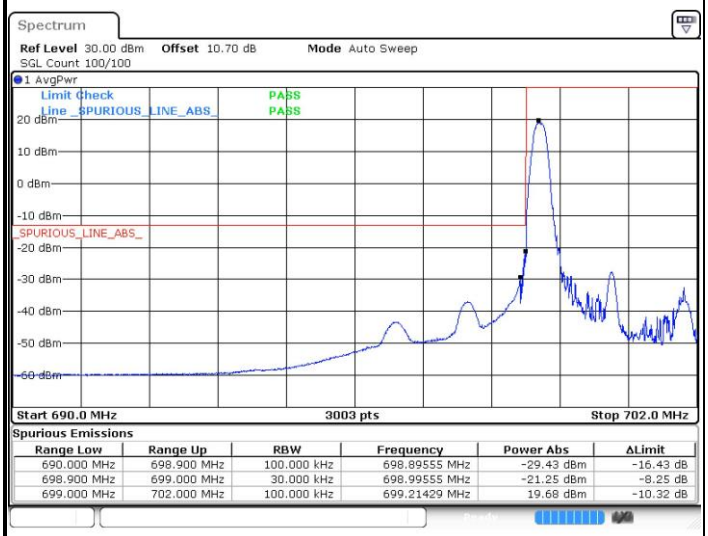


Date: 9.JAN.2017 09:49:52

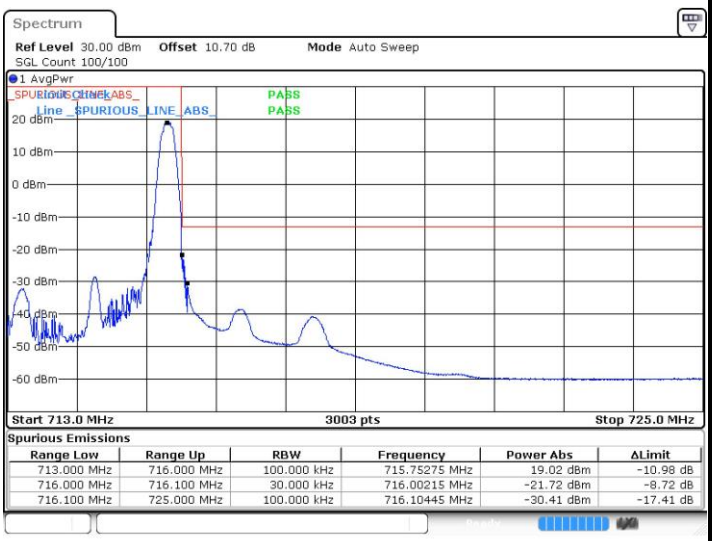
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



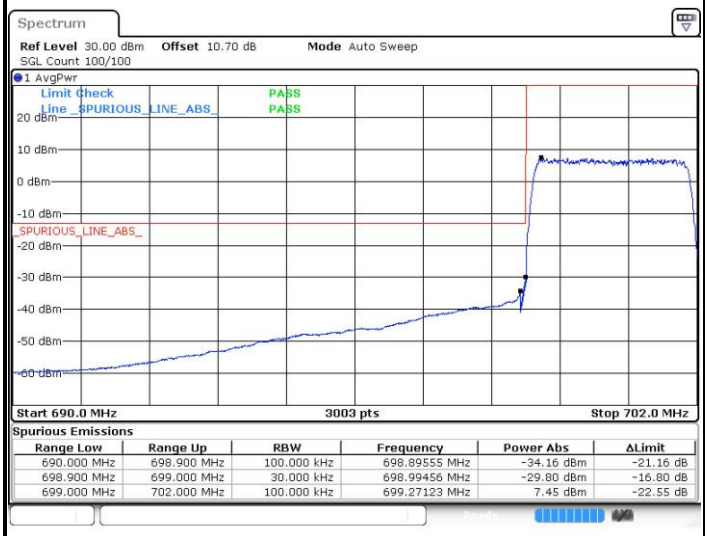
Date: 9.JAN.2017 09:40:34

Highest Band Edge / 1 RB



Date: 9.JAN.2017 09:52:10

Lowest Band Edge / Full RB



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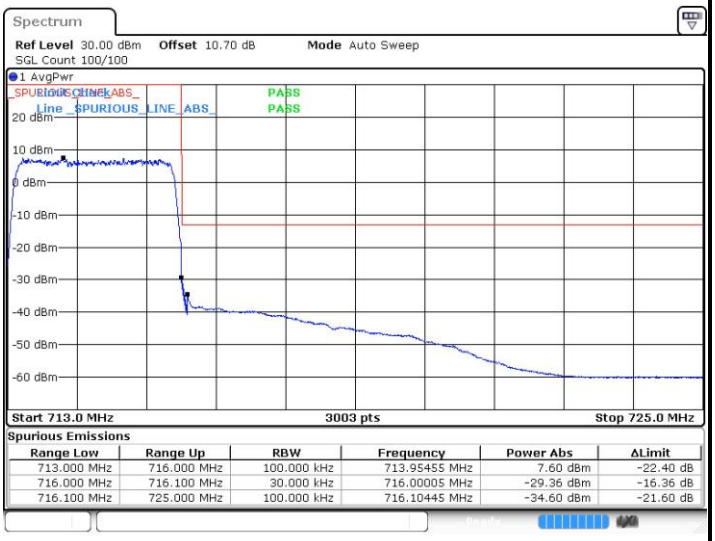
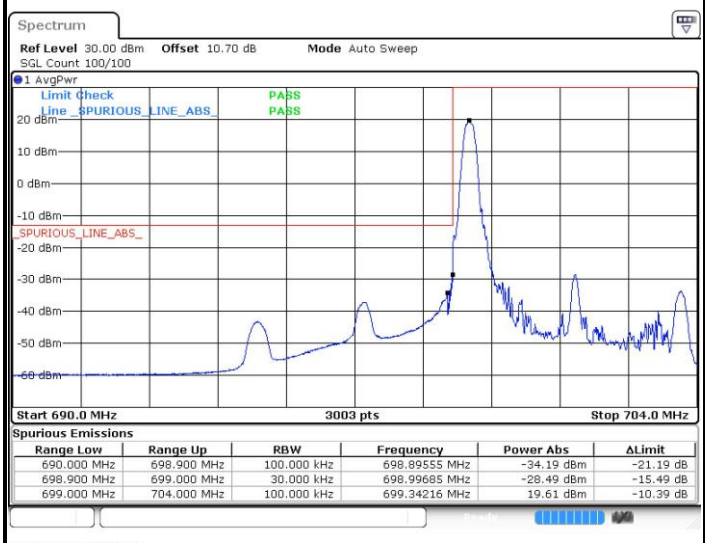
Highest Band Edge / Full RB



Date: 9.JAN.2017 09:51:01

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

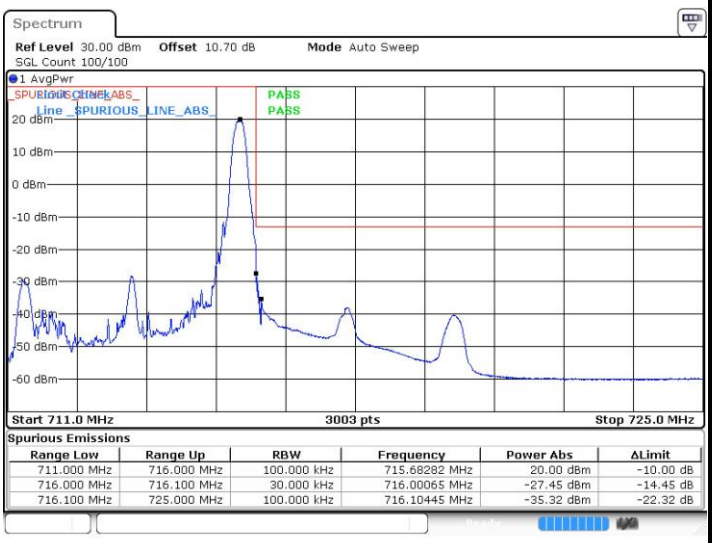


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.19 dBm	-21.19 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99685 MHz	-28.49 dBm	-15.49 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34216 MHz	19.61 dBm	-10.39 dB

Date: 9.JAN.2017 10:49:40

Highest Band Edge / 1 RB

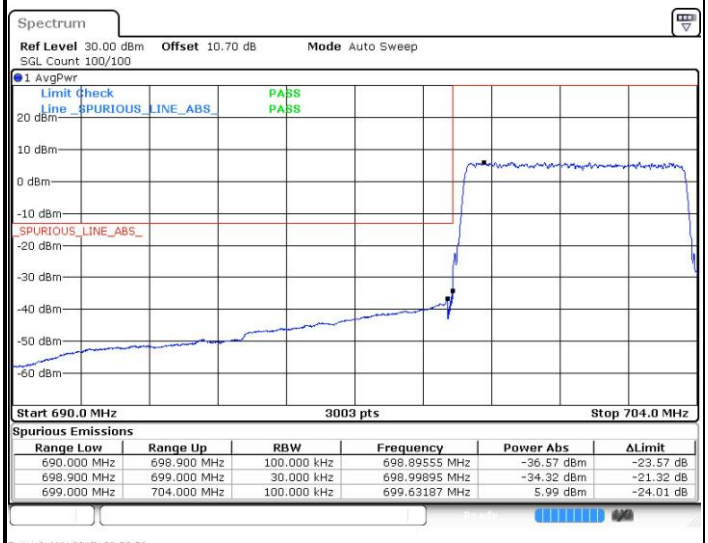


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.68282 MHz	20.00 dBm	-10.00 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00065 MHz	-27.45 dBm	-14.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.32 dBm	-22.32 dB

Date: 9.JAN.2017 10:58:07

Lowest Band Edge / Full RB

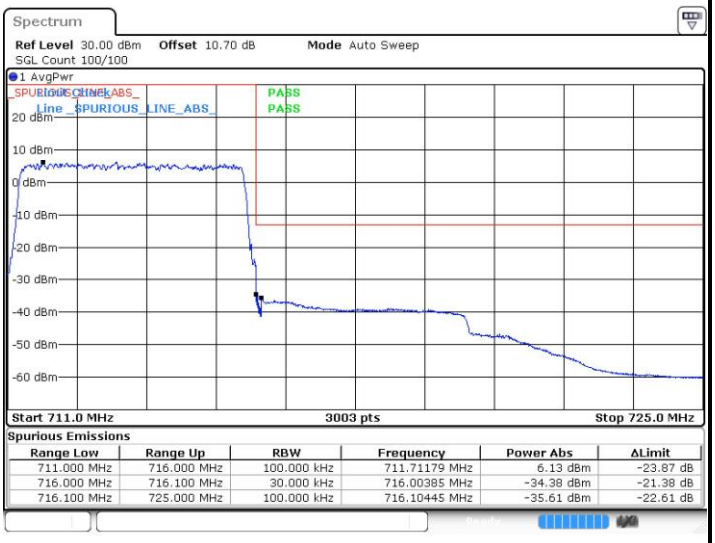


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-36.57 dBm	-23.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99895 MHz	-34.32 dBm	-21.32 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.63187 MHz	5.99 dBm	-24.01 dB

Date: 9.JAN.2017 09:56:58

Highest Band Edge / Full RB



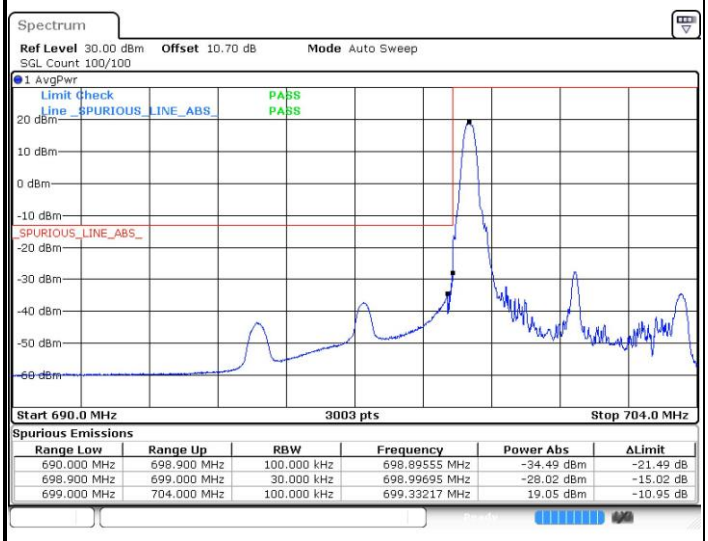
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.71179 MHz	6.13 dBm	-23.87 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00385 MHz	-34.38 dBm	-21.38 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.61 dBm	-22.61 dB

Date: 9.JAN.2017 10:55:49

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.49 dBm	-21.49 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99695 MHz	-28.02 dBm	-15.02 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33217 MHz	19.05 dBm	-10.95 dB

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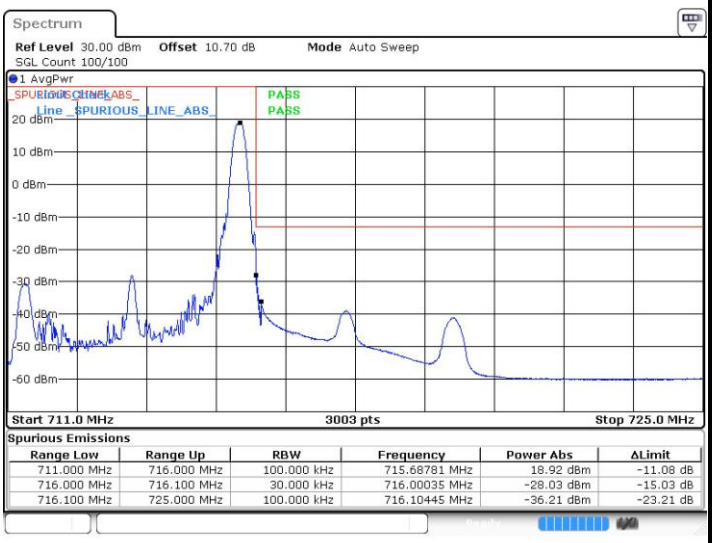
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.68781 MHz	18.92 dBm	-11.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-28.03 dBm	-15.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.21 dBm	-23.21 dB

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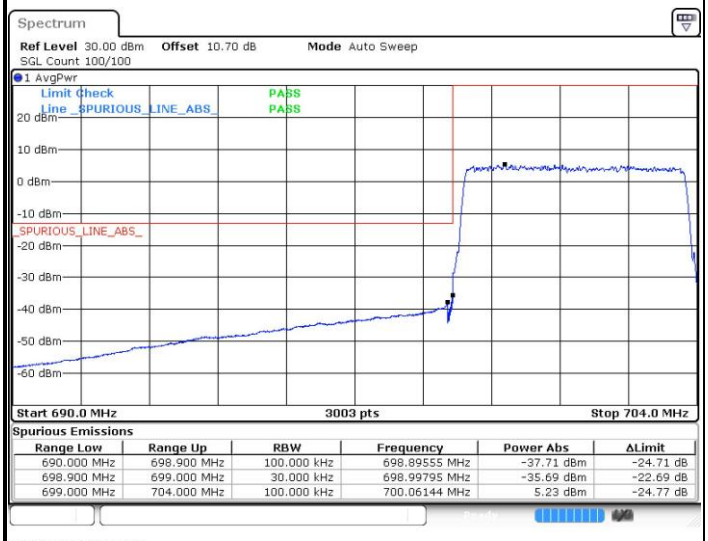
Lowest Band Edge / Full RB

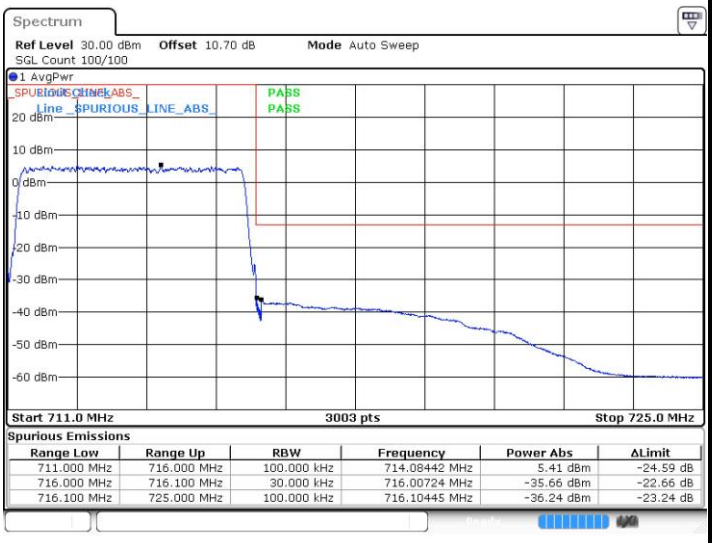


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-37.71 dBm	-24.71 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99795 MHz	-35.69 dBm	-22.69 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.06144 MHz	5.23 dBm	-24.77 dB

Date: 9.JAN.2017 09:58:08

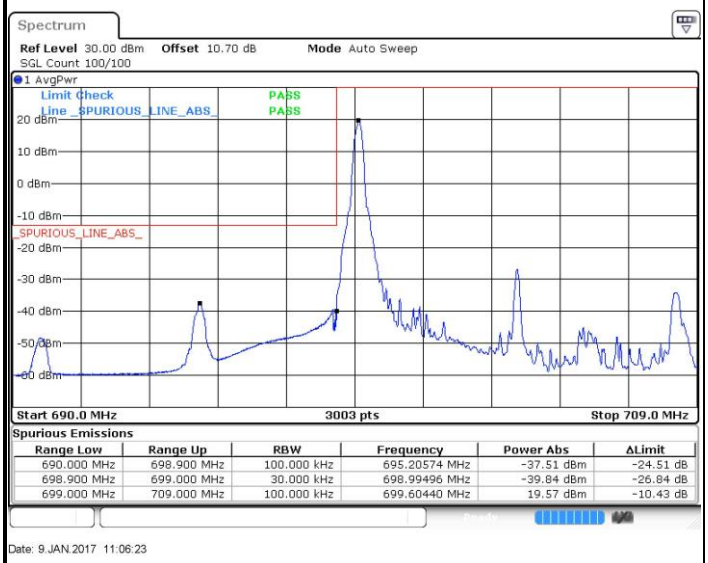
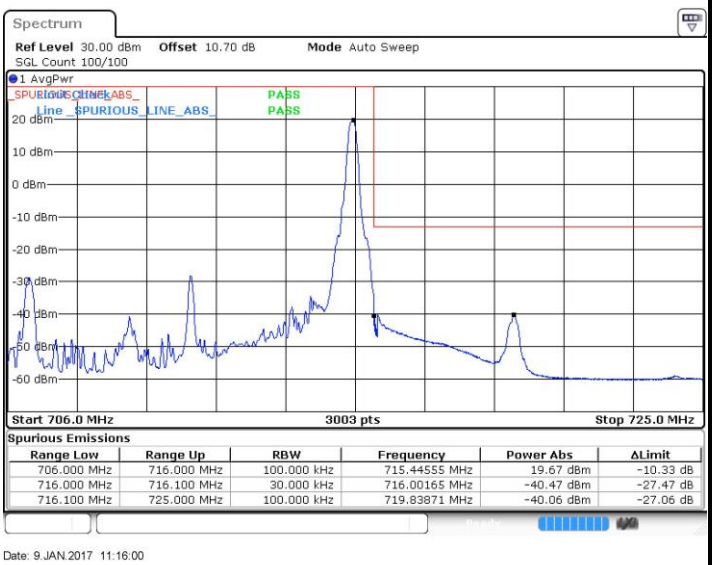
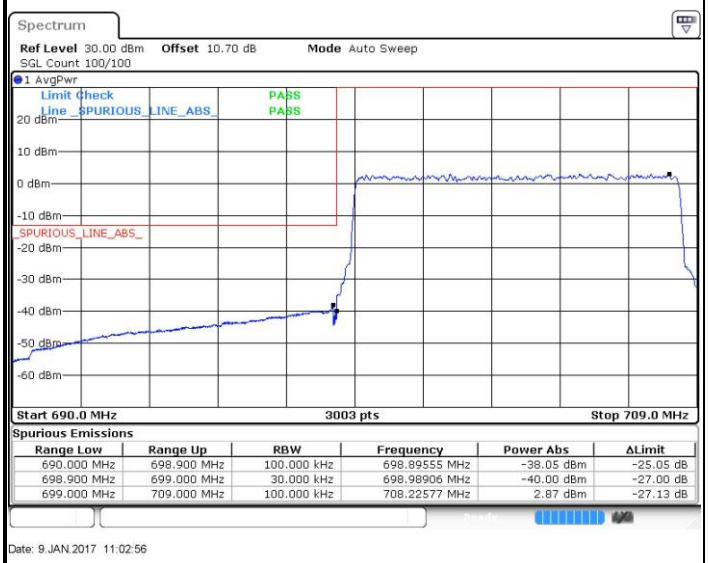
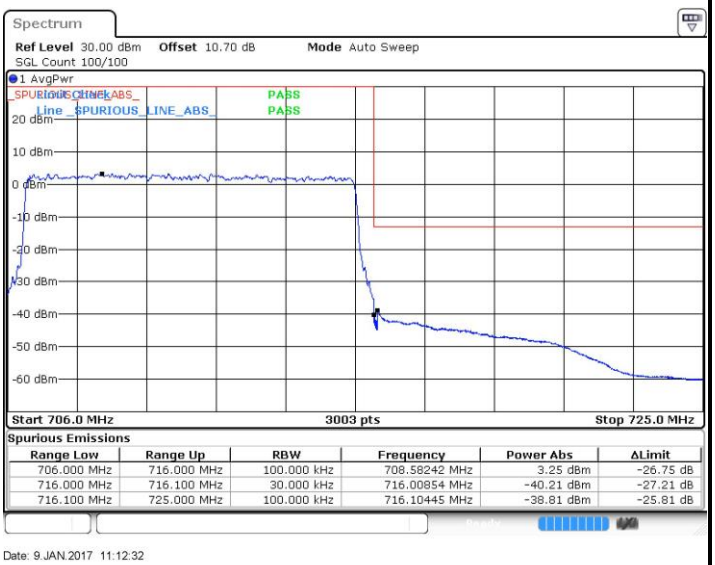
Highest Band Edge / Full RB

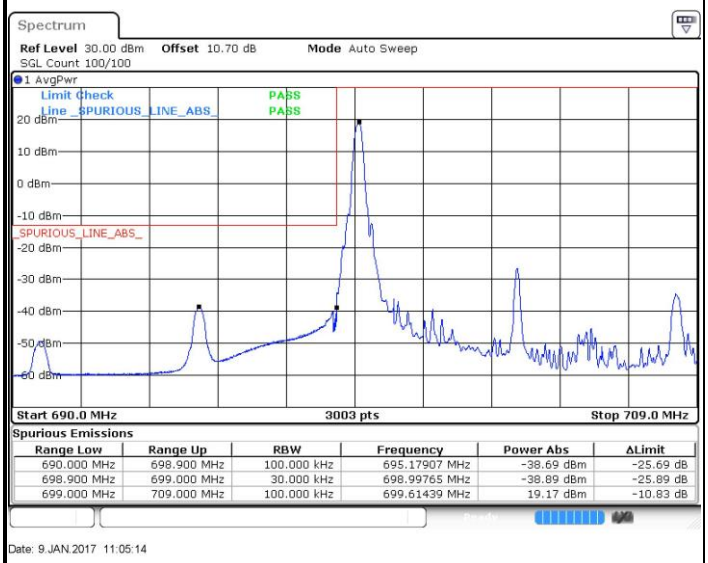
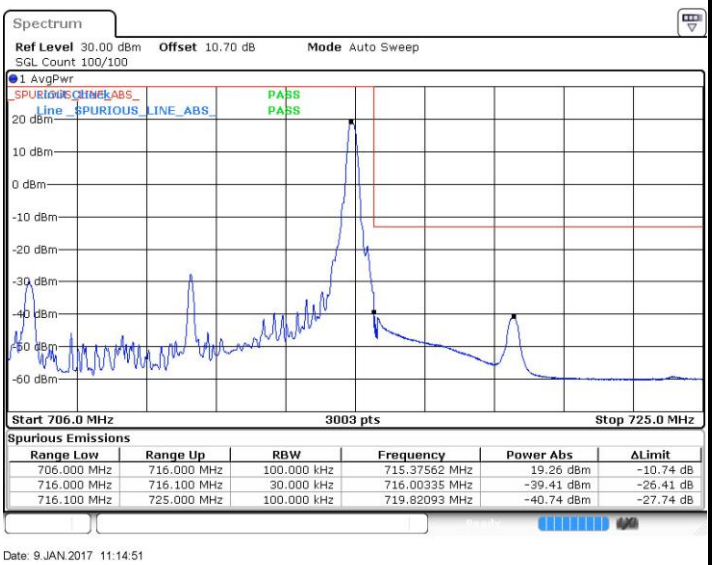
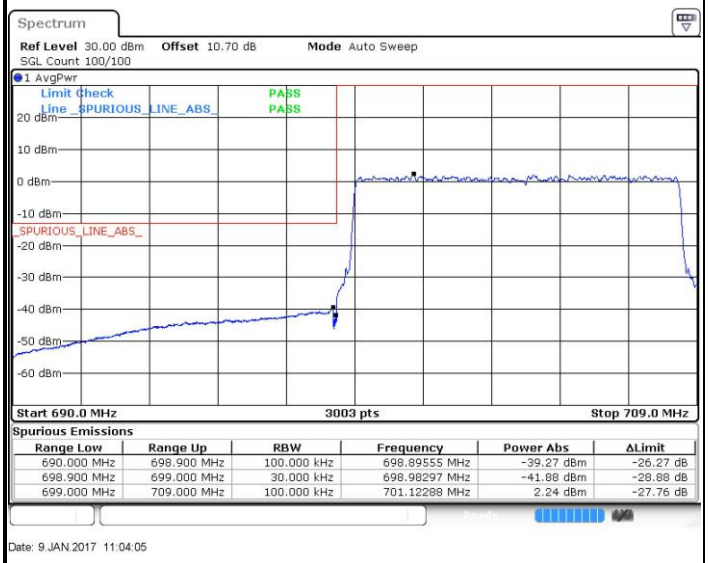
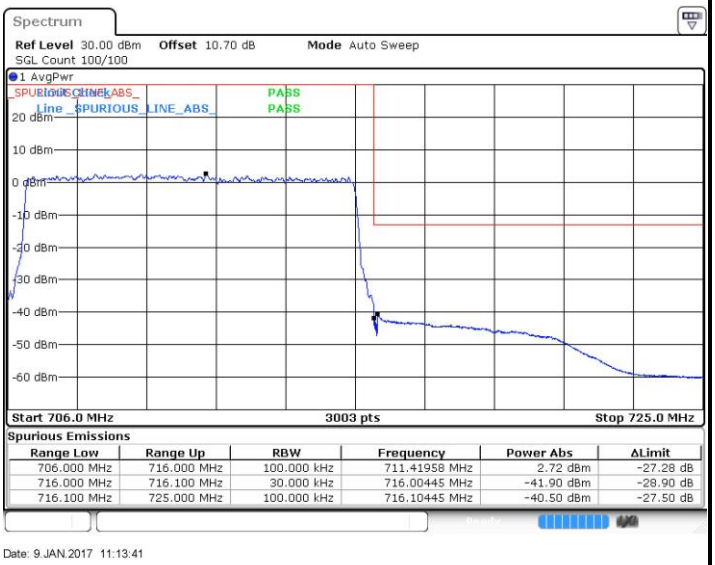


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.08442 MHz	5.41 dBm	-24.59 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00724 MHz	-35.66 dBm	-22.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.24 dBm	-23.24 dB

Date: 9.JAN.2017 10:56:58

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**
	

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