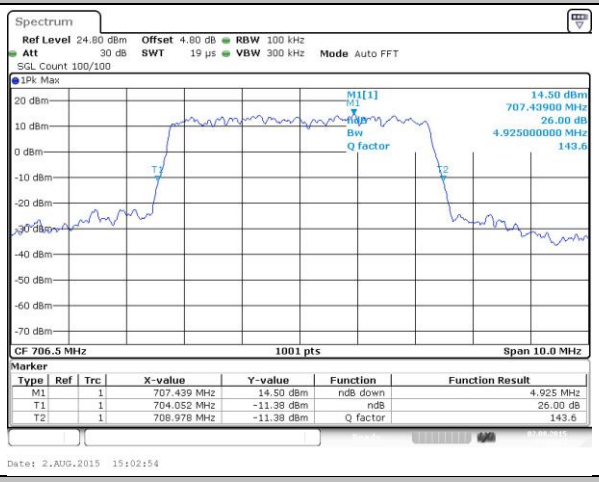
26dB Bandwidth

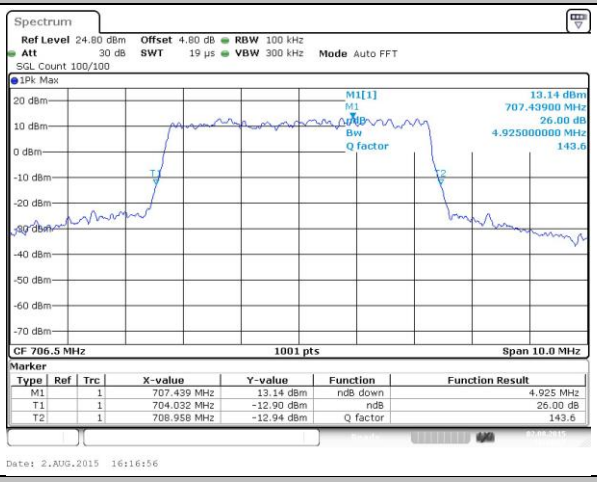
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.93	4.93	9.83	9.73	-	-	-	-
Middle CH	-	-	-	-	4.96	4.81	9.77	9.71	-	-	-	-
Highest CH	-	-	-	-	4.94	4.93	9.81	9.79	-	-	-	-

LTE Band 17

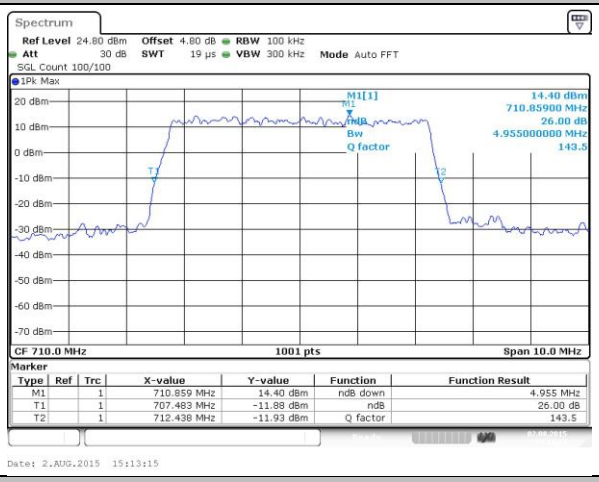
Lowest Channel / 5MHz / QPSK



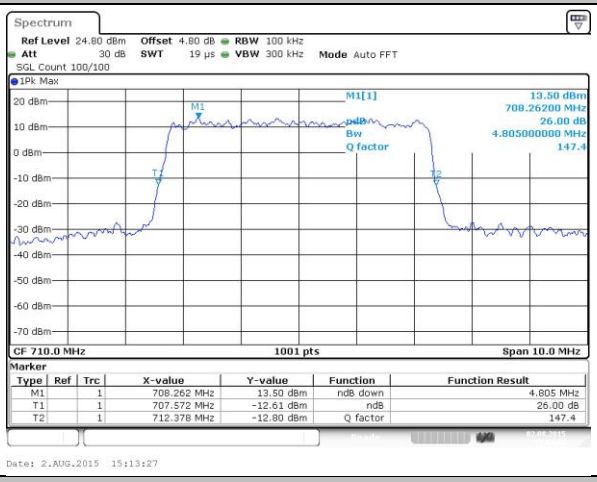
Lowest Channel / 5MHz / 16QAM



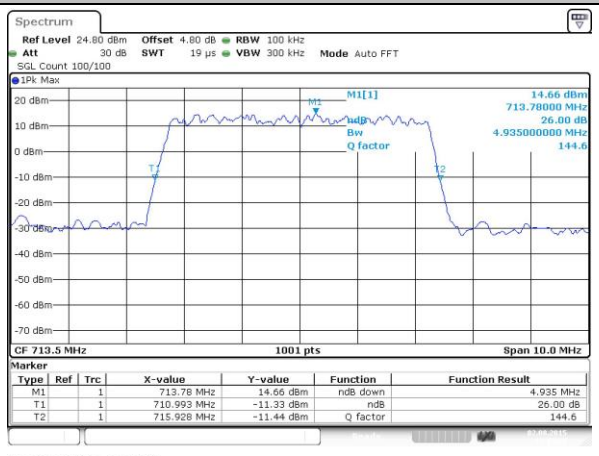
Middle Channel / 5MHz / QPSK



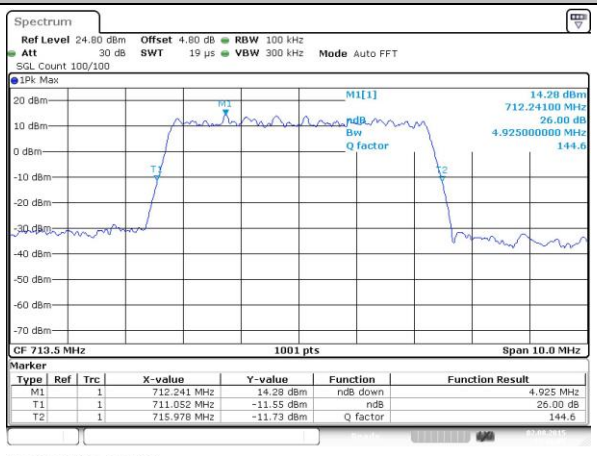
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

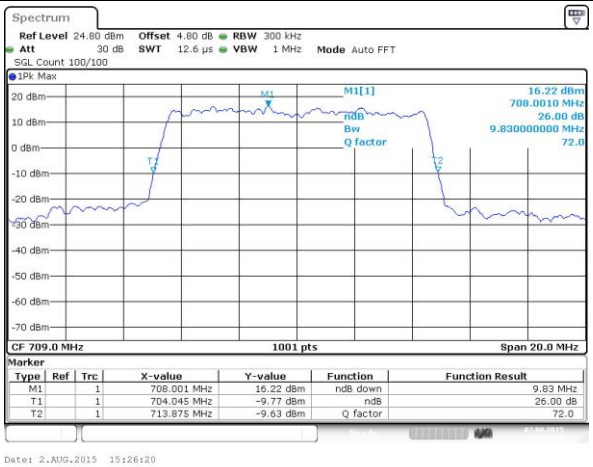


Highest Channel / 5MHz / 16QAM

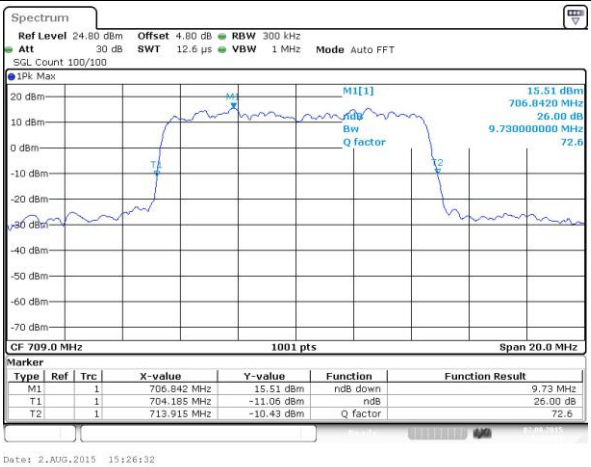


LTE Band 17

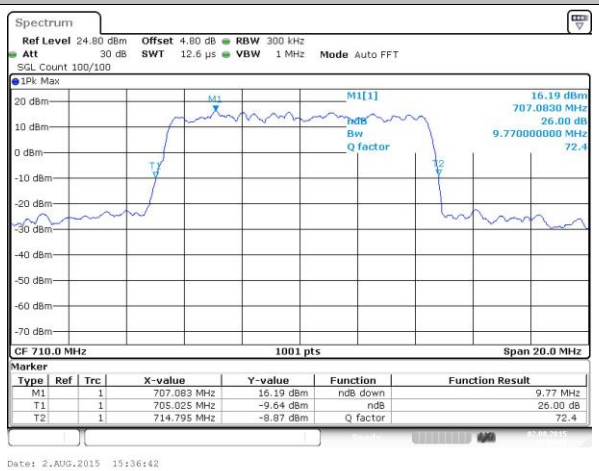
Lowest Channel / 10MHz / QPSK



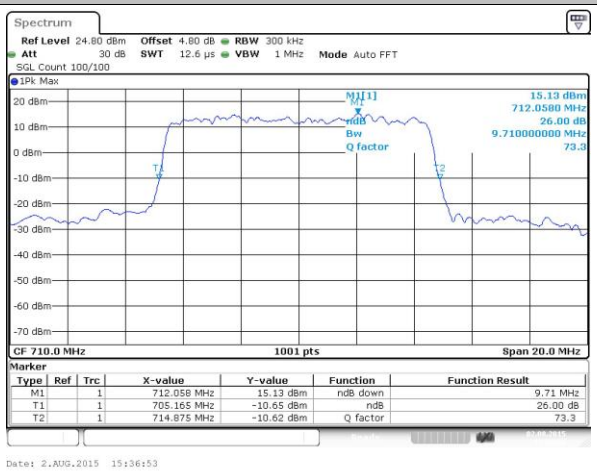
Lowest Channel / 10MHz / 16QAM



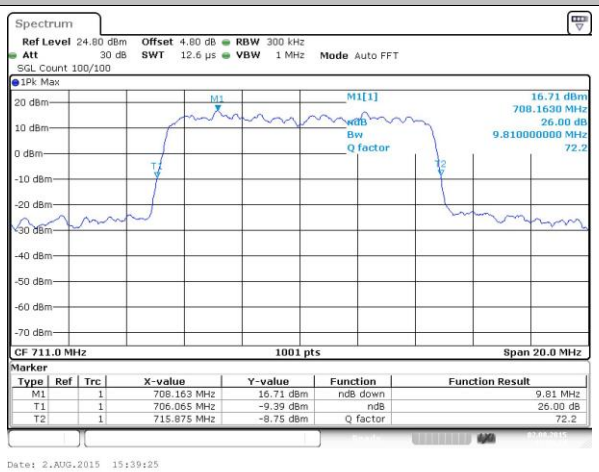
Middle Channel / 10MHz / QPSK



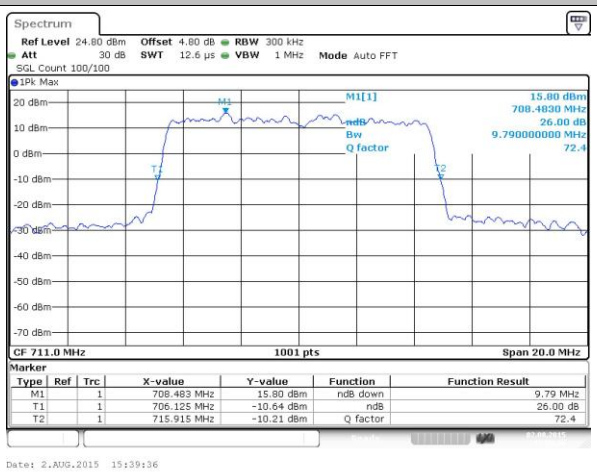
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

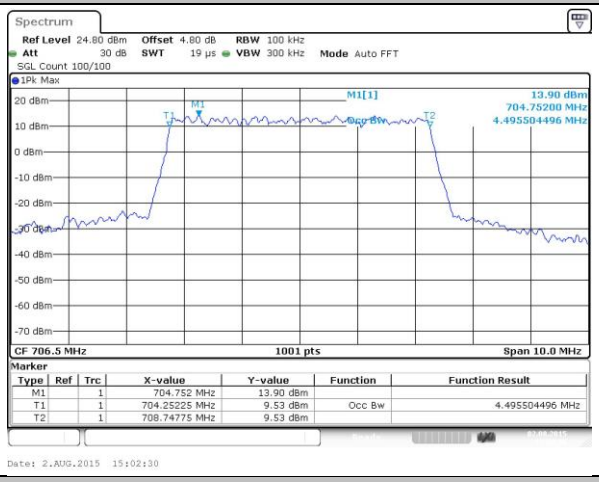


Occupied Bandwidth

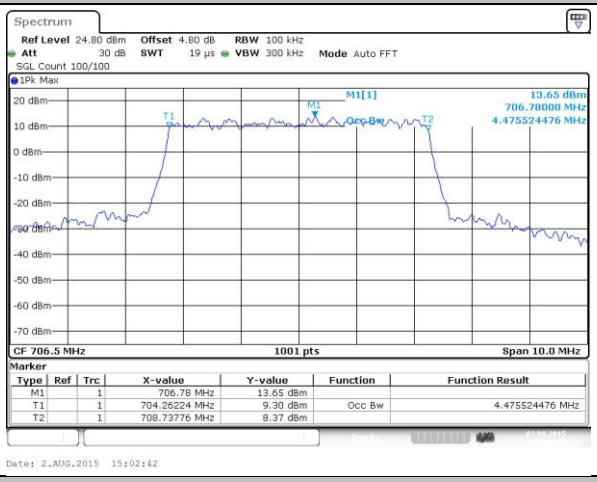
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.48	9.05	8.99	-	-	-	-
Middle CH	-	-	-	-	4.49	4.48	9.05	9.05	-	-	-	-
Highest CH	-	-	-	-	4.47	4.50	8.99	8.95	-	-	-	-

LTE Band 17

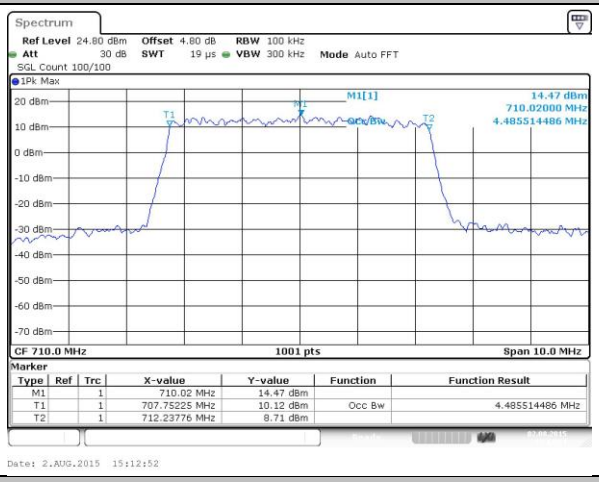
Lowest Channel / 5MHz / QPSK



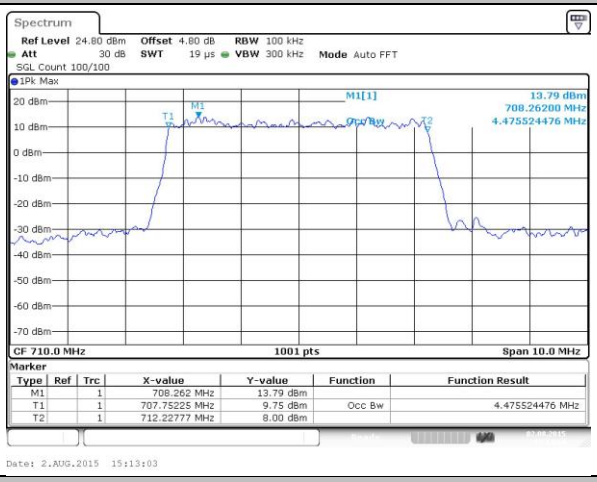
Lowest Channel / 5MHz / 16QAM



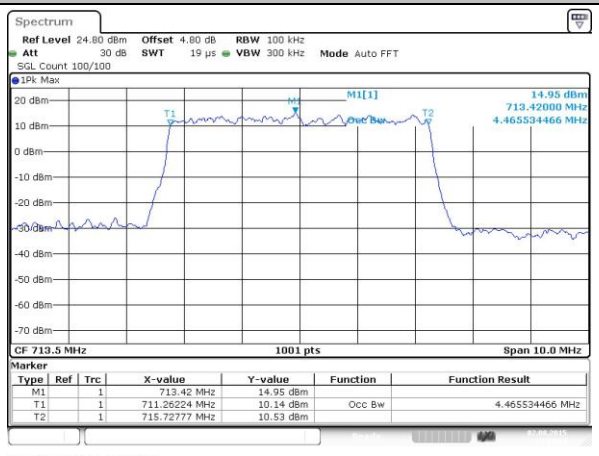
Middle Channel / 5MHz / QPSK



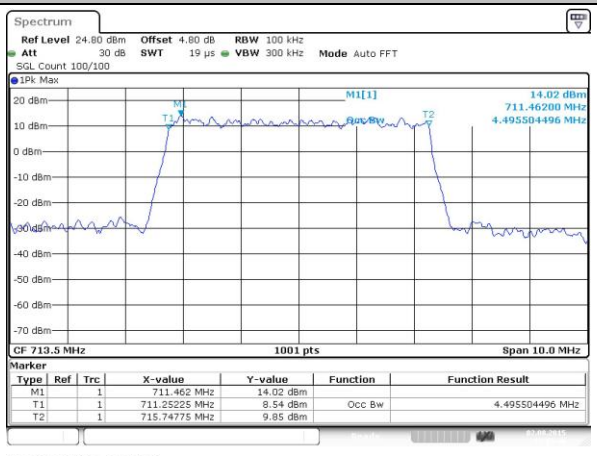
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

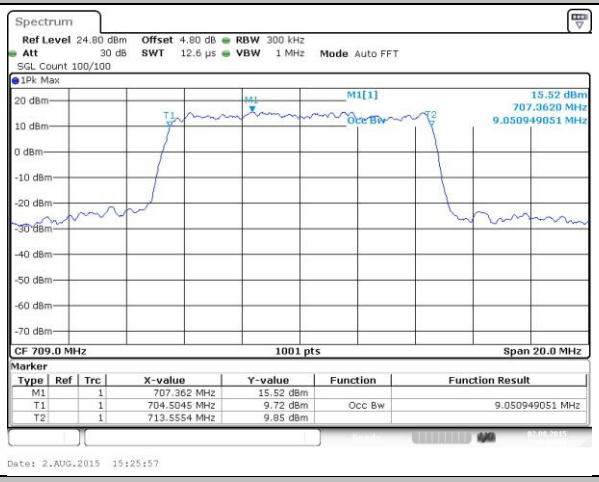


Highest Channel / 5MHz / 16QAM

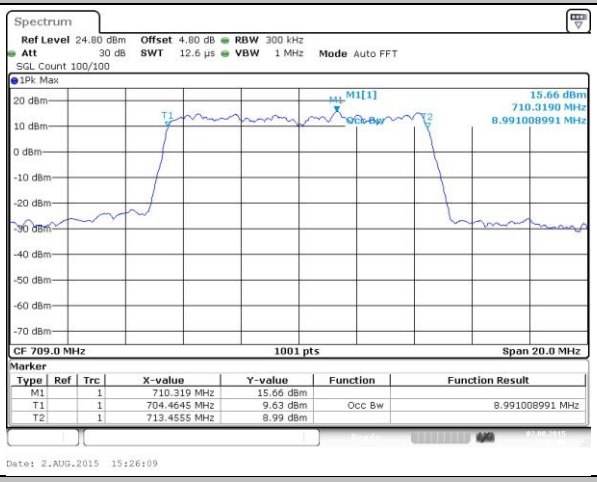


LTE Band 17

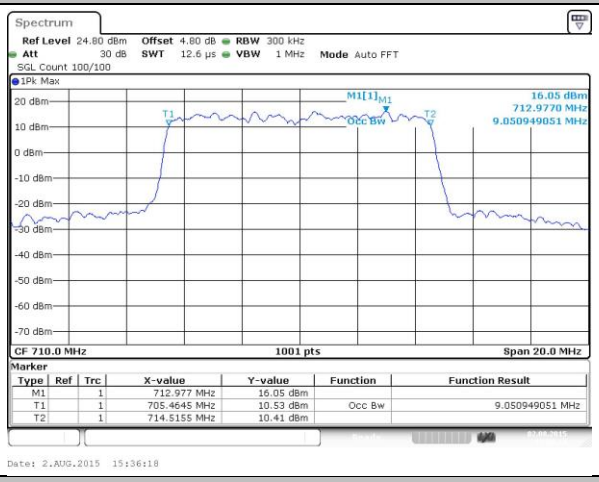
Lowest Channel / 10MHz / QPSK



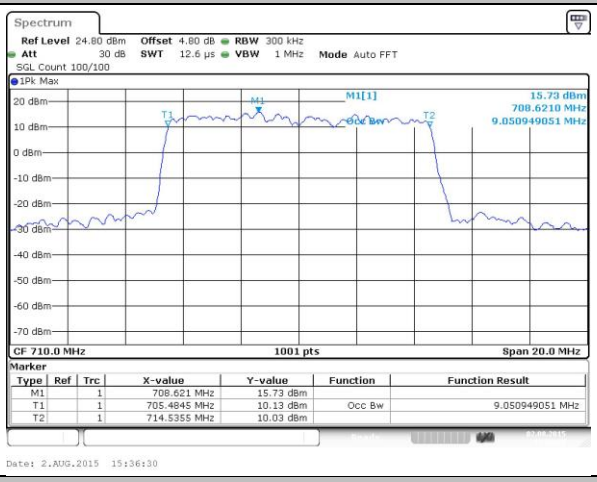
Lowest Channel / 10MHz / 16QAM



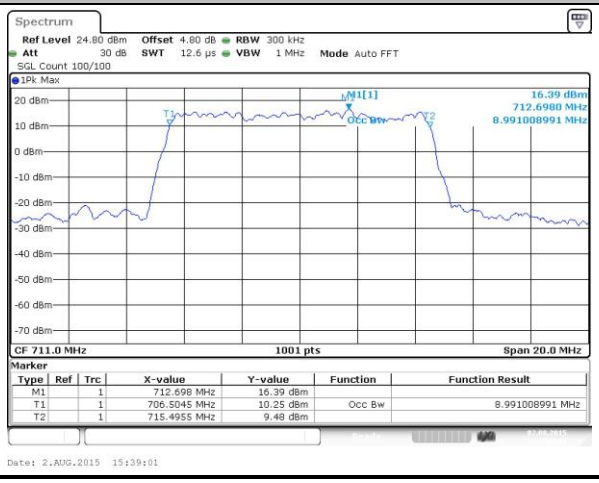
Middle Channel / 10MHz / QPSK



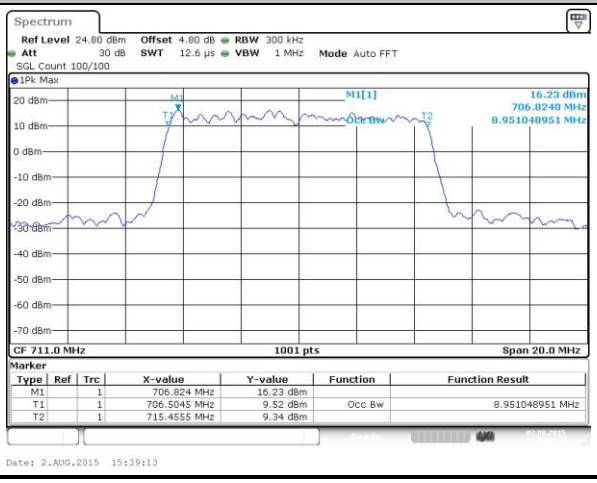
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



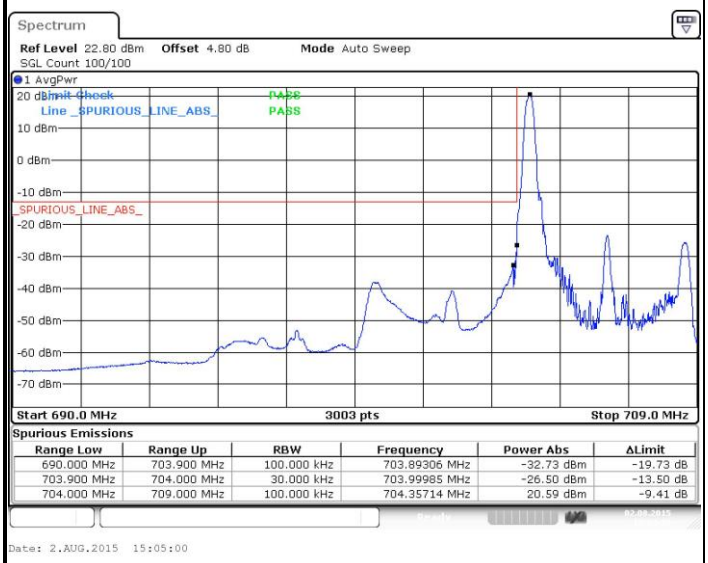
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

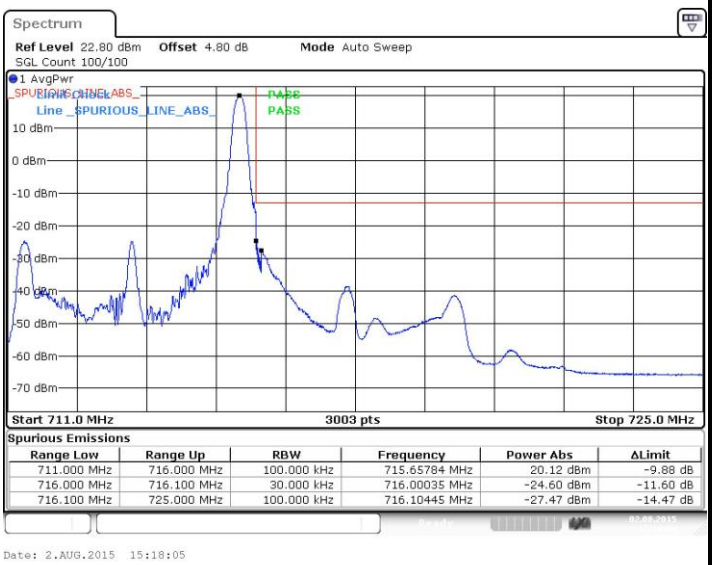


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.73 dBm	-19.73 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99985 MHz	-26.50 dBm	-13.50 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35714 MHz	20.59 dBm	-9.41 dB

Date: 2.AUG.2015 15:05:00

Highest Band Edge / 1 RB

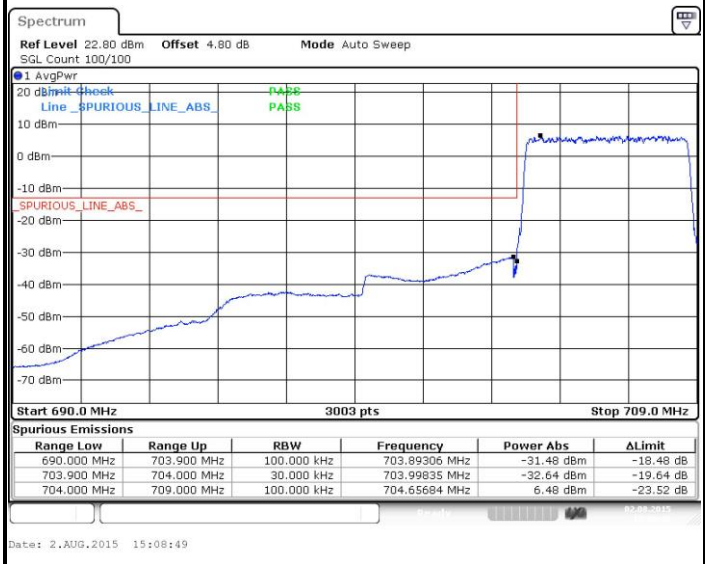


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	20.12 dBm	-9.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-24.60 dBm	-11.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.47 dBm	-14.47 dB

Date: 2.AUG.2015 15:18:05

Lowest Band Edge / Full RB

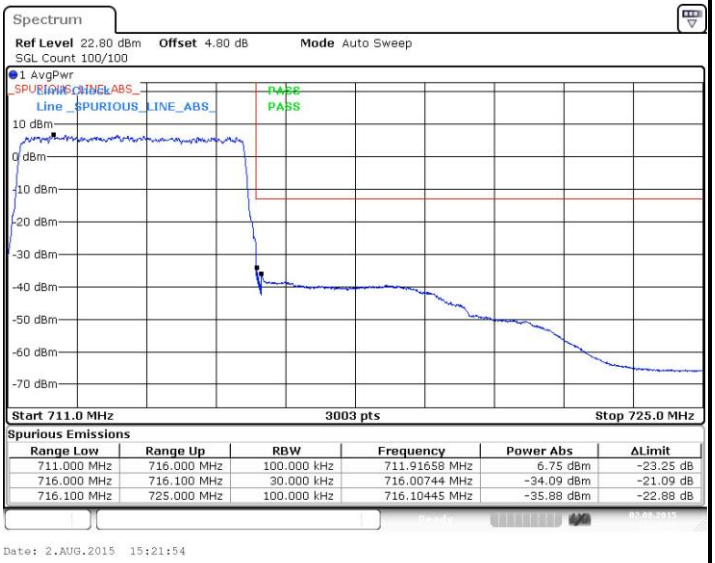


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.48 dBm	-18.48 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99835 MHz	-32.64 dBm	-19.64 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.65684 MHz	6.48 dBm	-23.52 dB

Date: 2.AUG.2015 15:08:49

Highest Band Edge / Full RB



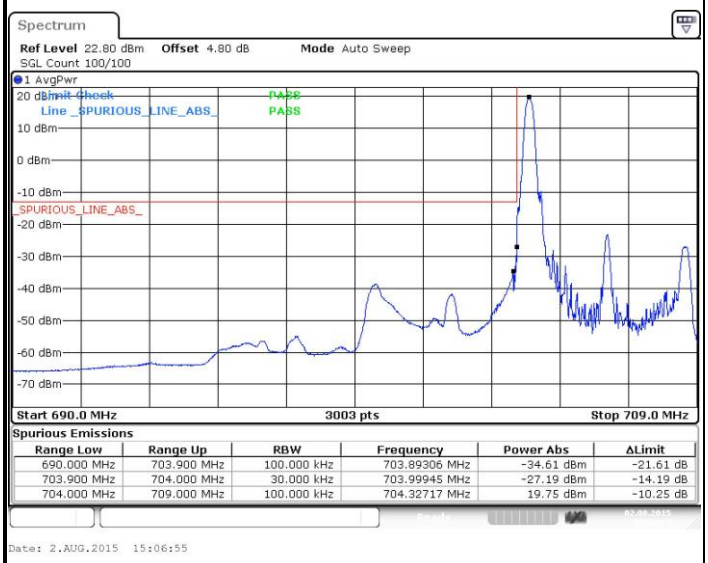
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.91658 MHz	6.75 dBm	-23.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00744 MHz	-34.09 dBm	-21.09 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.88 dBm	-22.88 dB

Date: 2.AUG.2015 15:21:54

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

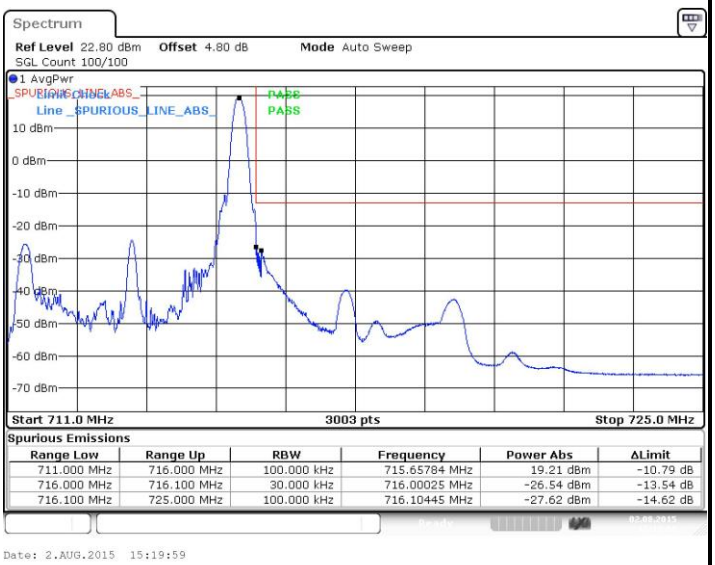


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-34.61 dBm	-21.61 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99945 MHz	-27.19 dBm	-14.19 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.32717 MHz	19.75 dBm	-10.25 dB

Date: 2.AUG.2015 15:06:55

Highest Band Edge / 1 RB

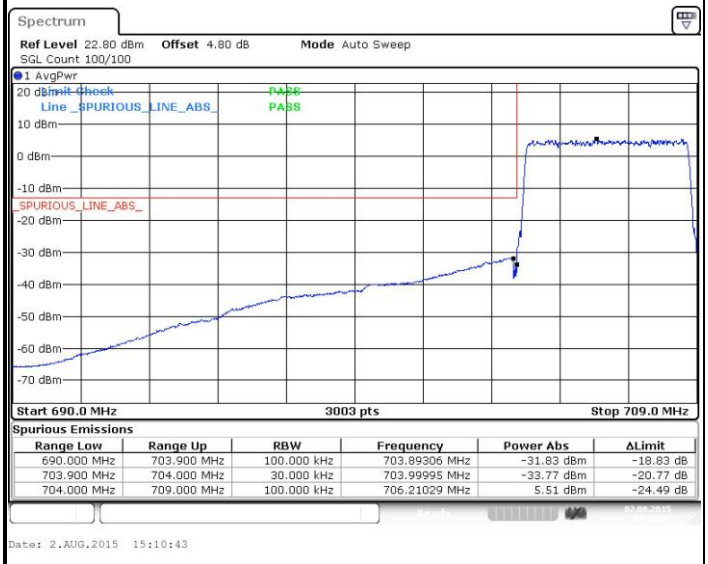


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	19.21 dBm	-10.79 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00025 MHz	-26.54 dBm	-13.54 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.62 dBm	-14.62 dB

Date: 2.AUG.2015 15:19:59

Lowest Band Edge / Full RB

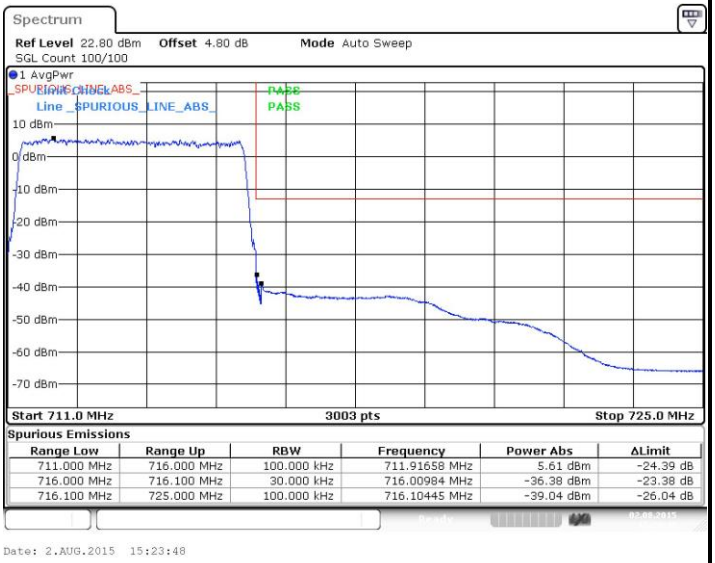


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.83 dBm	-18.83 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-33.77 dBm	-20.77 dB
704.000 MHz	709.000 MHz	100.000 kHz	706.21029 MHz	5.51 dBm	-24.49 dB

Date: 2.AUG.2015 15:10:43

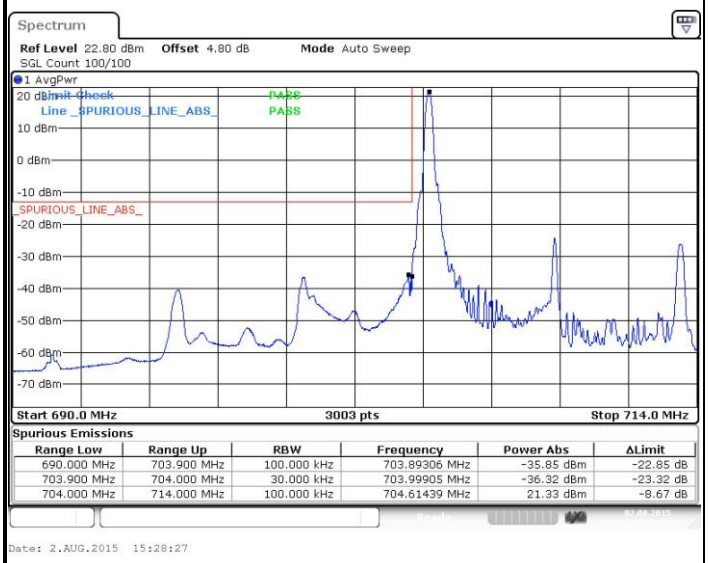
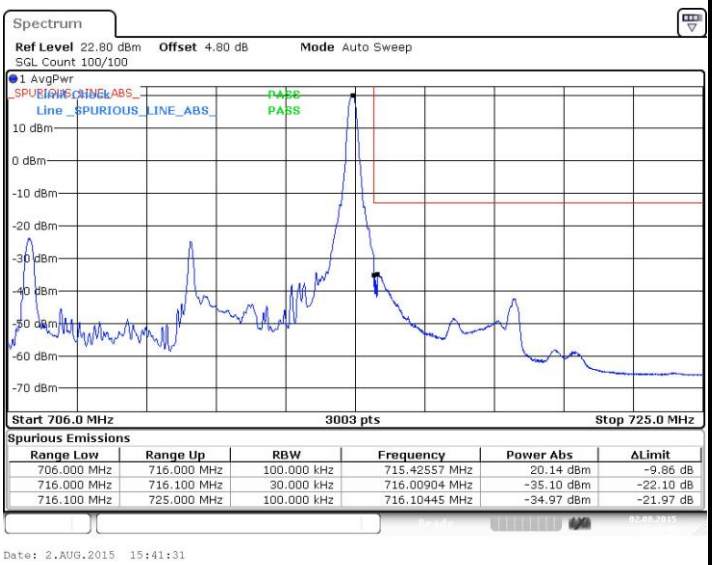
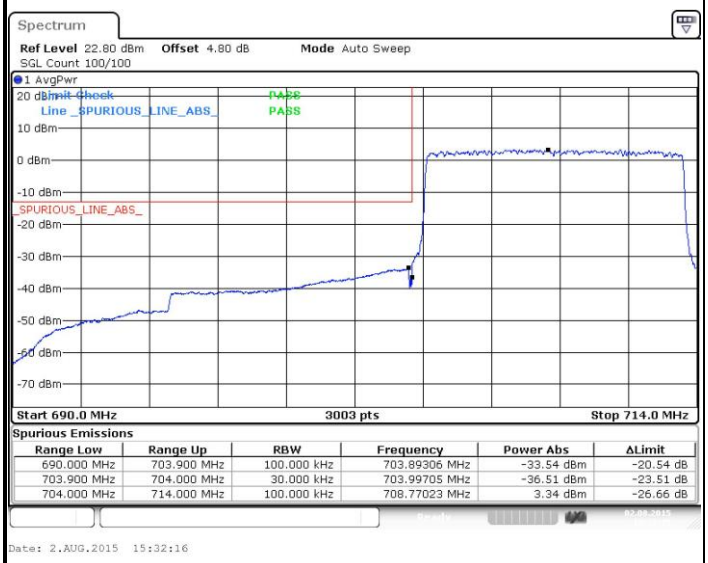
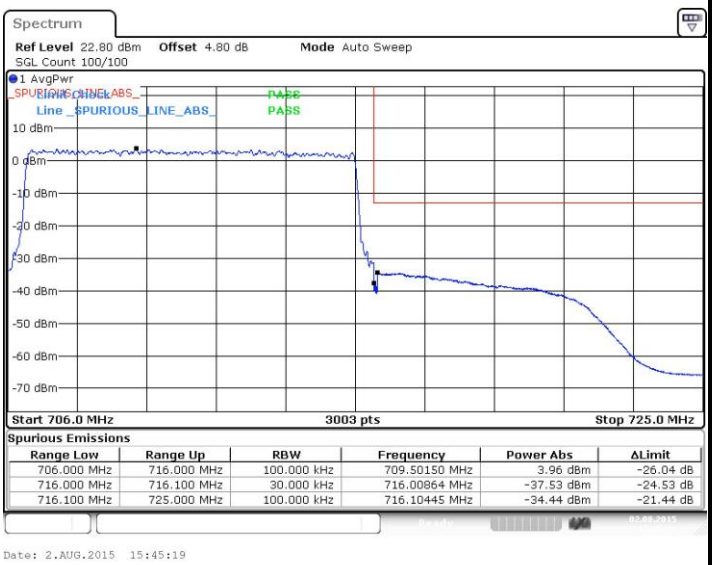
Highest Band Edge / Full RB



Spurious Emissions

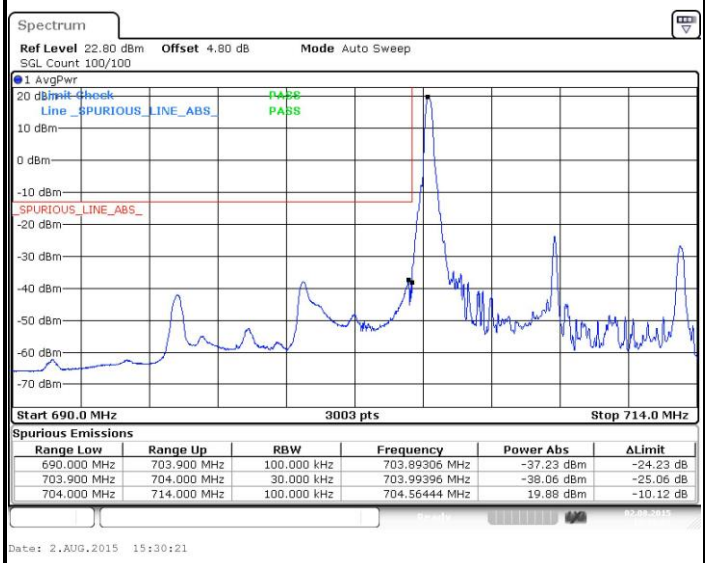
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.91658 MHz	5.61 dBm	-24.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00984 MHz	-36.38 dBm	-23.38 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.04 dBm	-26.04 dB

Date: 2.AUG.2015 15:23:48

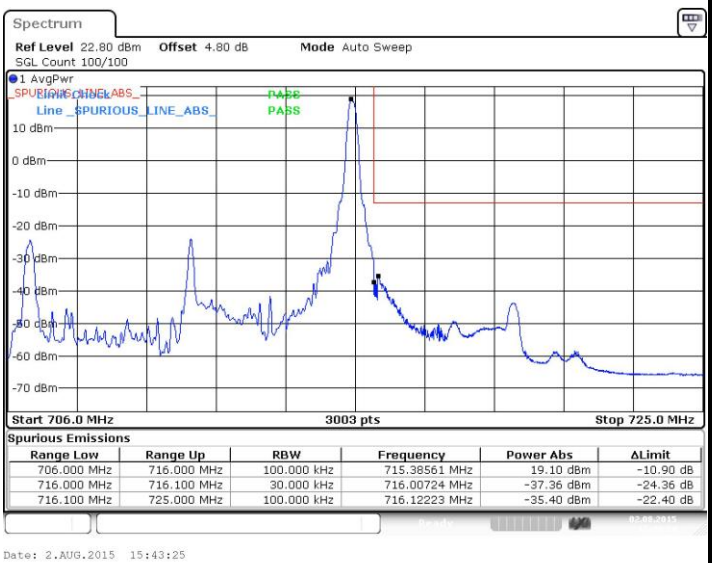
LTE Band 17 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 17 / 10MHz / 16QAM

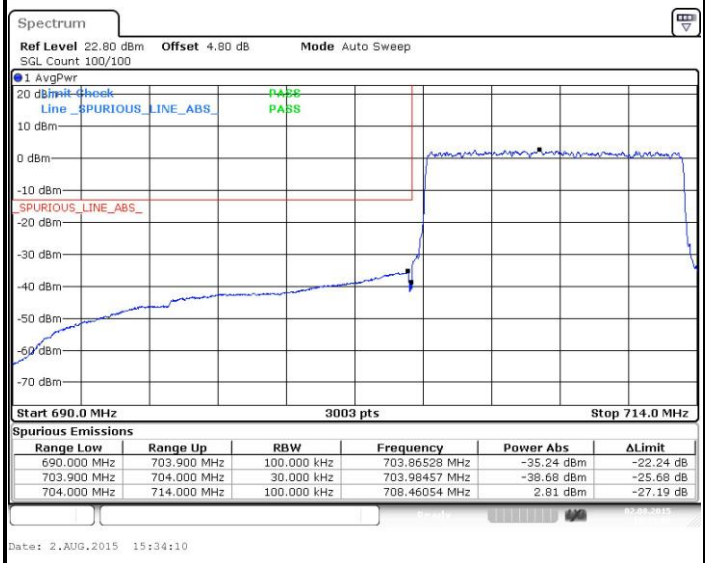
Lowest Band Edge / 1 RB



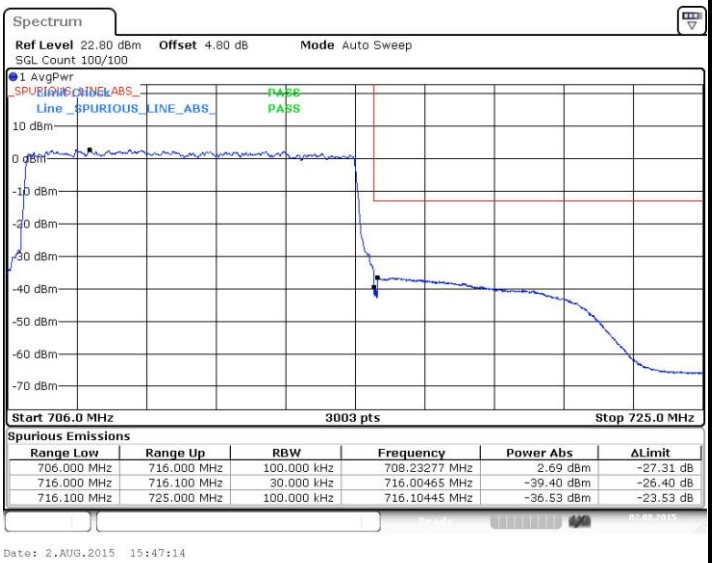
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



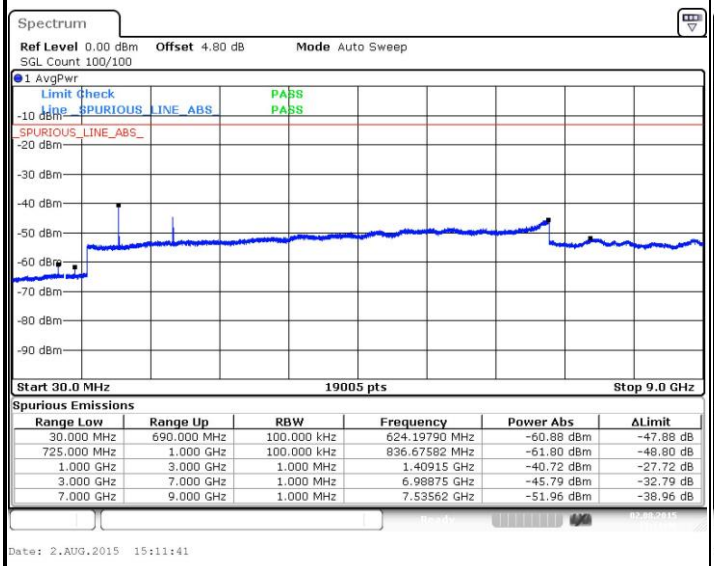
Highest Band Edge / Full RB



Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

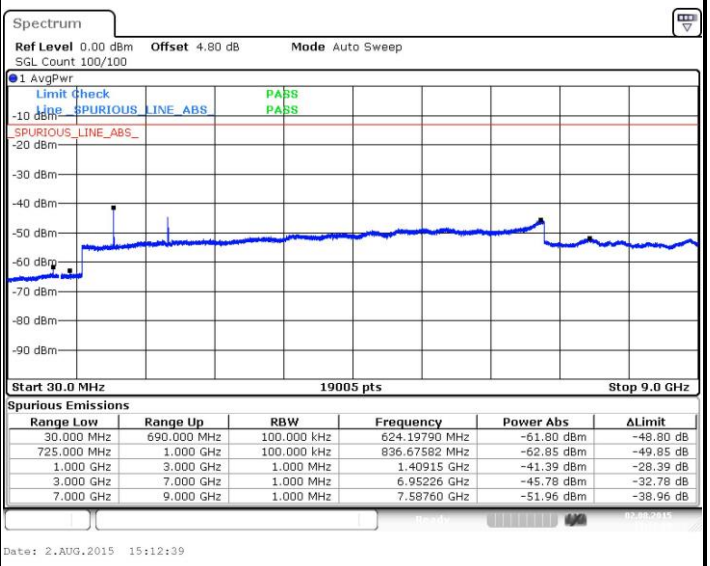


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.19790 MHz	-60.88 dBm	-47.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.67582 MHz	-61.80 dBm	-48.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-40.72 dBm	-27.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-45.79 dBm	-32.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53562 GHz	-51.96 dBm	-38.96 dB

Date: 2.AUG.2015 15:11:41

Lowest Channel / 16QAM

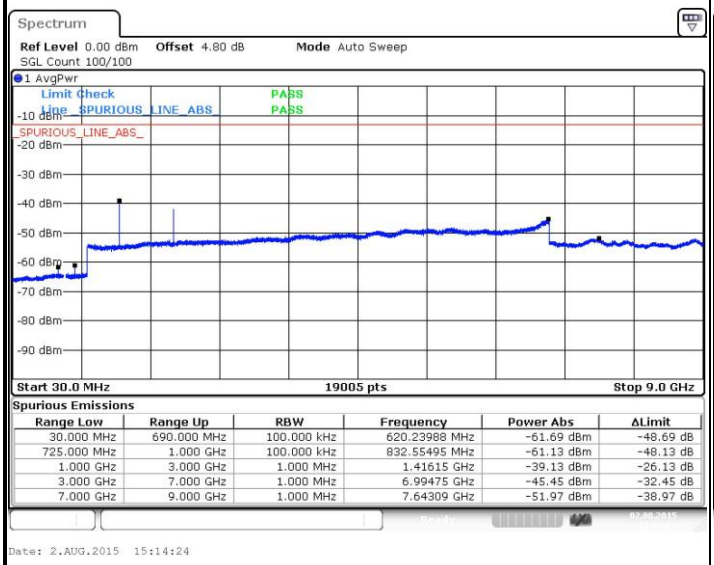


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.19790 MHz	-61.80 dBm	-48.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.67582 MHz	-62.85 dBm	-49.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-41.39 dBm	-28.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95226 GHz	-45.78 dBm	-32.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58760 GHz	-51.96 dBm	-38.96 dB

Date: 2.AUG.2015 15:12:39

Middle Channel / QPSK

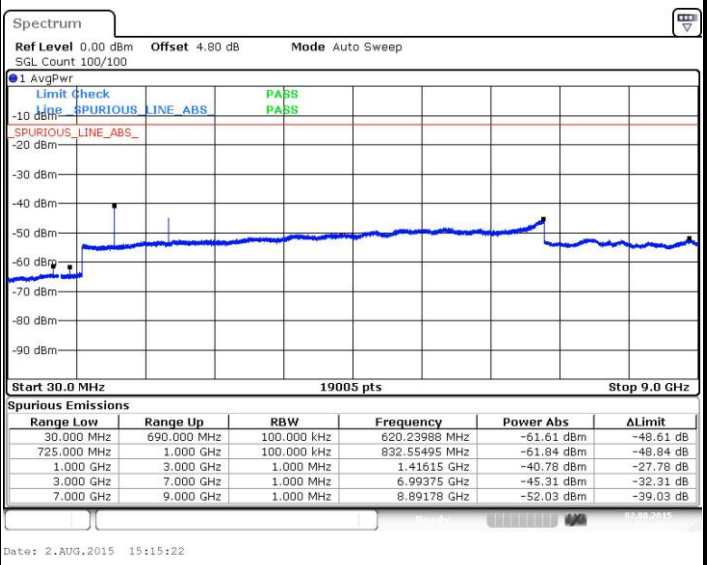


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	620.23988 MHz	-61.69 dBm	-48.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	832.55495 MHz	-61.13 dBm	-48.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-39.13 dBm	-26.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-45.45 dBm	-32.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.64309 GHz	-51.97 dBm	-38.97 dB

Date: 2.AUG.2015 15:14:24

Middle Channel / 16QAM



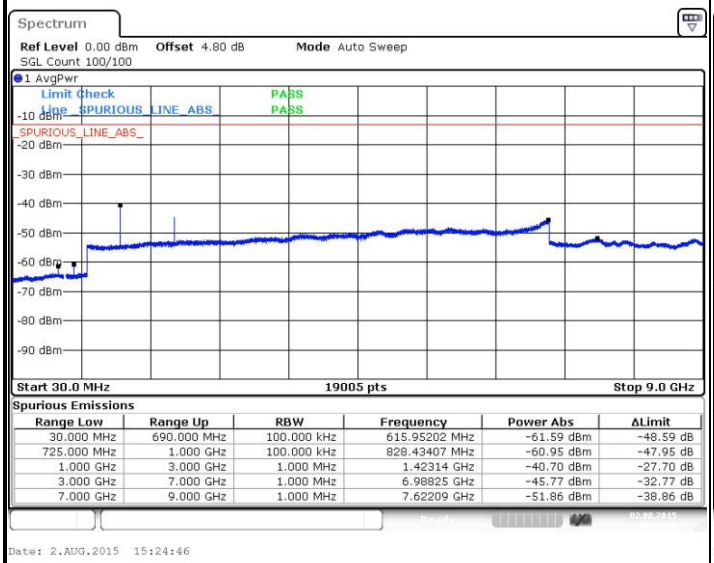
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	620.23988 MHz	-61.61 dBm	-48.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	832.55495 MHz	-61.84 dBm	-48.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-40.78 dBm	-27.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-45.31 dBm	-32.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89178 GHz	-52.03 dBm	-39.03 dB

Date: 2.AUG.2015 15:15:22

LTE Band 17 / 5MHz

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	615.95202 MHz	-61.59 dBm	-48.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	828.43407 MHz	-60.95 dBm	-47.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-40.70 dBm	-27.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-45.77 dBm	-32.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62209 GHz	-51.86 dBm	-38.86 dB

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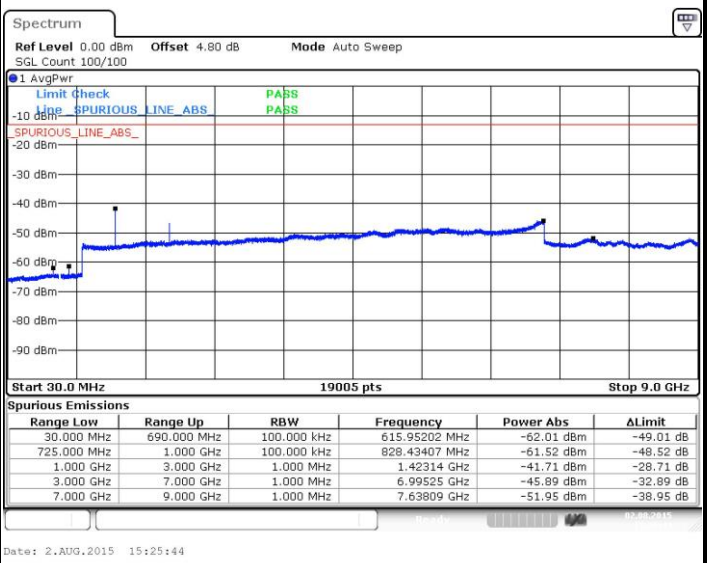
Highest Channel / 16QAM



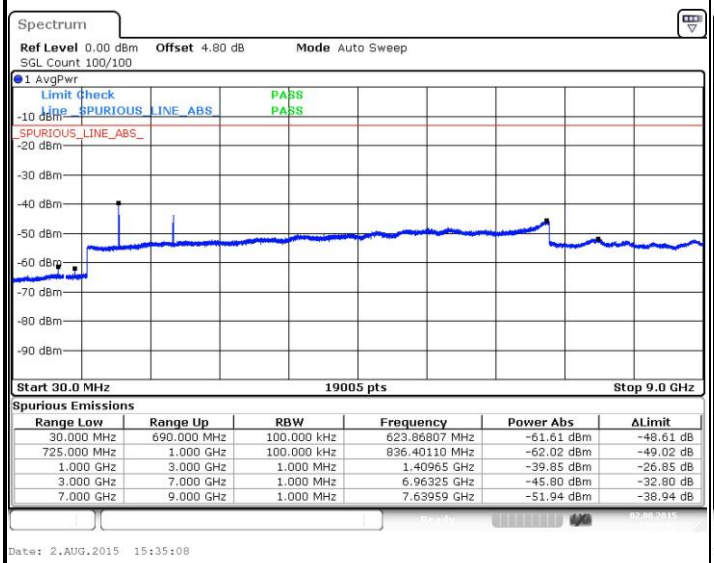
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	615.95202 MHz	-62.01 dBm	-49.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	828.43407 MHz	-61.52 dBm	-48.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-41.71 dBm	-28.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-45.89 dBm	-32.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63809 GHz	-51.95 dBm	-38.95 dB

Date: 2.AUG.2015 15:25:44

LTE Band 17 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	623.86807 MHz	-61.61 dBm	-48.61 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.40110 MHz	-62.02 dBm	-49.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-39.85 dBm	-26.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96325 GHz	-45.80 dBm	-32.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63959 GHz	-51.94 dBm	-38.94 dB

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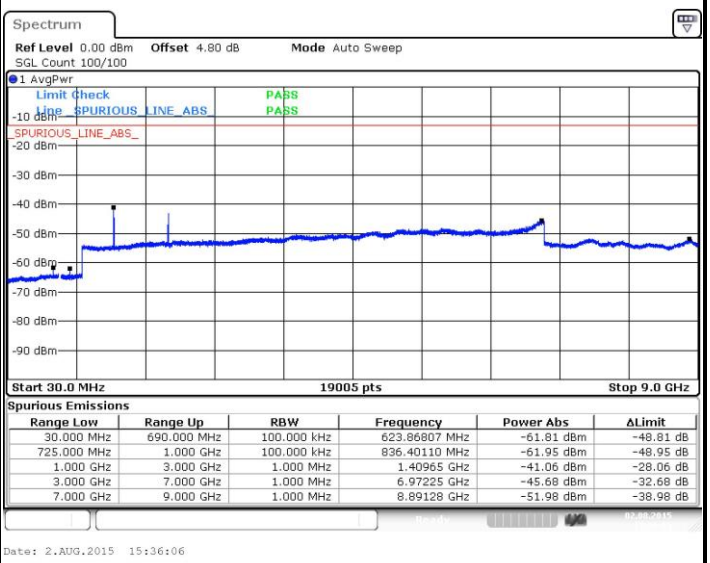
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	623.86807 MHz	-61.81 dBm	-48.81 dB
725.000 MHz	1.000 GHz	100.000 kHz	836.40110 MHz	-61.95 dBm	-48.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-41.06 dBm	-28.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97225 GHz	-45.68 dBm	-32.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89128 GHz	-51.98 dBm	-38.98 dB

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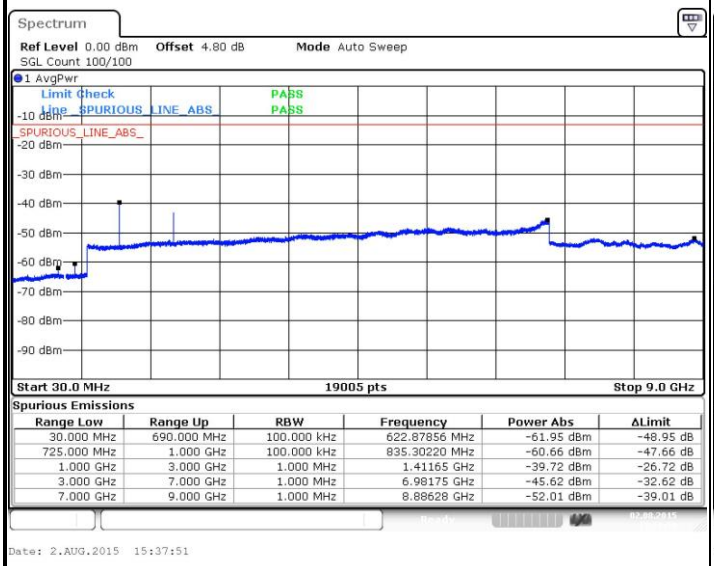
LTE Band 17 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	622.87856 MHz	-61.95 dBm	-48.95 dB
725.000 MHz	1.000 GHz	100.000 kHz	835.30220 MHz	-60.66 dBm	-47.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-39.72 dBm	-26.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98175 GHz	-45.62 dBm	-32.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88628 GHz	-52.01 dBm	-39.01 dB

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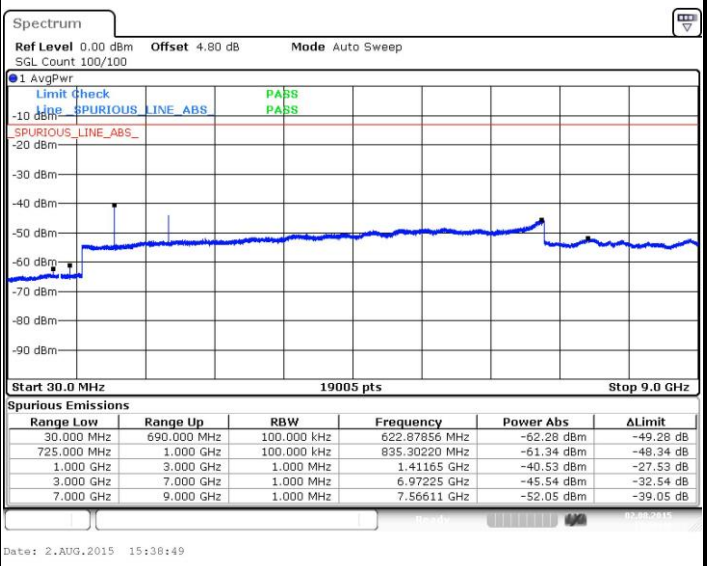
Middle Channel / 16QAM

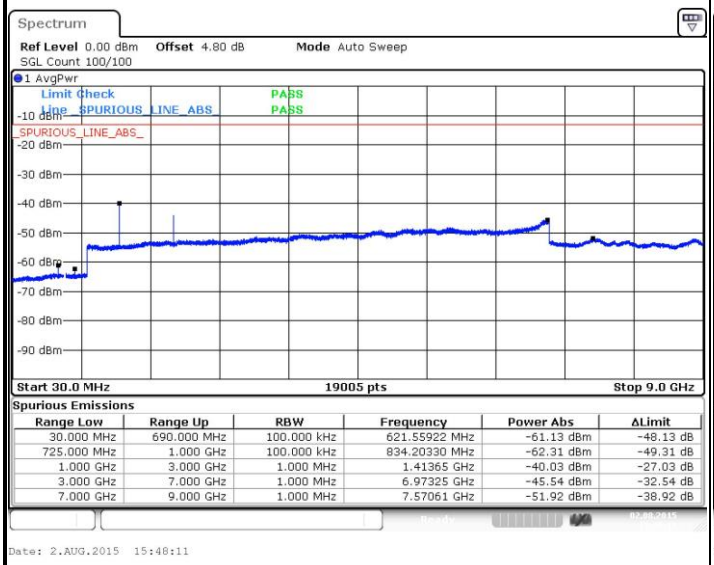


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	622.87856 MHz	-62.28 dBm	-49.28 dB
725.000 MHz	1.000 GHz	100.000 kHz	835.30220 MHz	-61.34 dBm	-48.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-40.53 dBm	-27.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97225 GHz	-45.54 dBm	-32.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56611 GHz	-52.05 dBm	-39.05 dB

Date: 2.AUG.2015 15:38:49

Highest Channel / QPSK

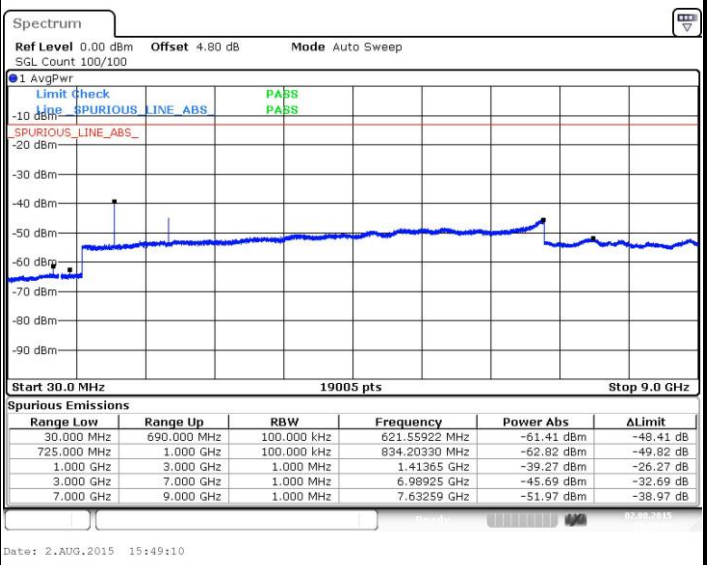


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.55922 MHz	-61.13 dBm	-48.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	834.20330 MHz	-62.31 dBm	-49.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-40.03 dBm	-27.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97325 GHz	-45.54 dBm	-32.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57061 GHz	-51.92 dBm	-38.92 dB

Date: 2.AUG.2015 15:48:11

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.55922 MHz	-61.41 dBm	-48.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	834.20330 MHz	-62.82 dBm	-49.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-39.27 dBm	-26.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-45.69 dBm	-32.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63259 GHz	-51.97 dBm	-38.97 dB

Date: 2.AUG.2015 15:49:10

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	6	14.18	0.0262	11.57	0.0144
Middle		12	6	14.53	0.0284	12.28	0.0169
Highest		12	6	14.38	0.0274	12.51	0.0178
Lowest	16QAM	1	12	14.48	0.0281	11.86	0.0153
Middle		1	12	14.59	0.0288	12.40	0.0174
Highest		1	12	14.63	0.0290	12.82	0.0191
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	14.33	0.0271	11.72	0.0149
Middle		1	0	14.59	0.0288	12.23	0.0167
Highest		1	0	14.54	0.0284	12.79	0.0190
Lowest	16QAM	1	49	14.40	0.0275	11.86	0.0153
Middle		1	49	14.68	0.0294	12.43	0.0175
Highest		1	49	14.64	0.0291	12.86	0.0193
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	14.11	0.0258	11.60	0.0145
Middle		1	74	14.25	0.0266	11.92	0.0156
Highest		1	74	14.41	0.0276	12.39	0.0173
Lowest	16QAM	1	0	14.29	0.0269	11.75	0.0150
Middle		1	0	14.40	0.0275	12.09	0.0162
Highest		1	0	14.66	0.0292	12.55	0.0180
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	14.26	0.0267	11.72	0.0149
Middle		1	0	14.49	0.0281	11.99	0.0158
Highest		1	0	14.50	0.0282	12.43	0.0175
Lowest	16QAM	1	99	14.44	0.0278	11.86	0.0153
Middle		1	99	14.66	0.0292	12.19	0.0166
Highest		1	99	14.65	0.0292	12.59	0.0182
Limit	EIRP < 2W			Result		PASS	

LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.62	0.0459	-1.41	0.0007
Middle		1	0	16.73	0.0471	0.12	0.0010
Highest		1	0	17.09	0.0512	0.01	0.0010
Lowest	16QAM	1	0	16.31	0.0428	-1.51	0.0007
Middle		1	0	16.41	0.0438	-0.88	0.0008
Highest		1	0	16.31	0.0428	-1.36	0.0007
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.03	0.0505	-0.13	0.0010
Middle		1	0	17.15	0.0519	0.03	0.0010
Highest		1	0	17.22	0.0527	-0.10	0.0010
Lowest	16QAM	1	0	16.46	0.0443	-0.91	0.0008
Middle		1	0	16.37	0.0434	-0.92	0.0008
Highest		1	0	16.45	0.0442	-0.84	0.0008
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-58.76	-25	-33.76	-76.99	-66.12	2.34	9.70	H
	7501	-54.43	-25	-29.43	-79.76	-63.8	2.43	11.80	H
	10001	-50.83	-25	-25.83	-79.63	-60.33	2.70	12.20	H
									H
									H
									H
	5000	-60.92	-25	-35.92	-77.48	-68.28	2.34	9.70	V
	7501	-55.96	-25	-30.96	-79.77	-65.33	2.43	11.80	V
	10001	-53.21	-25	-28.21	-79.63	-62.71	2.70	12.20	V
									V
									V
									V
Middle	5065	-58.10	-25	-33.10	-77.65	-65.43	2.37	9.70	H
	7599	-54.11	-25	-29.11	-79.12	-63.57	2.40	11.86	H
	10131	-50.79	-25	-25.79	-79.24	-60.35	2.70	12.25	H
									H
									H
									H
	5065	-59.22	-25	-34.22	-77.46	-66.55	2.37	9.70	V
	7599	-55.37	-25	-30.37	-79.38	-64.83	2.40	11.86	V
	10131	-52.38	-25	-27.38	-79.22	-61.94	2.70	12.25	V
									V
									V
									V
Highest	5133	-59.55	-25	-34.55	-78.88	-66.84	2.41	9.70	H
	7698	-53.73	-25	-28.73	-78.6	-63.28	2.37	11.92	H
	10263	-49.74	-25	-24.74	-78.83	-59.35	2.69	12.31	H
									H
									H
									H
	5133	-60.82	-25	-35.82	-78.9	-68.11	2.41	9.70	V
	7698	-54.82	-25	-29.82	-78.91	-64.37	2.37	11.92	V
	10263	-52.47	-25	-27.47	-79	-62.08	2.69	12.31	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4998	-58.05	-25	-33.05	-77.13	-65.41	2.34	9.70	H
	7500	-53.67	-25	-28.67	-79.08	-63.04	2.43	11.80	H
	10002	-50.29	-25	-25.29	-79.41	-59.79	2.70	12.20	H
									H
									H
									H
	4998	-60.78	-25	-35.78	-77.5	-68.14	2.34	9.70	V
	7500	-55.44	-25	-30.44	-79.78	-64.81	2.43	11.80	V
	10002	-52.44	-25	-27.44	-79.04	-61.94	2.70	12.20	V
									V
									V
									V
Middle	5061	-56.99	-25	-31.99	-75.2	-64.32	2.37	9.70	H
	7592	-53.29	-25	-28.29	-78.62	-62.75	2.40	11.86	H
	10122	-50.32	-25	-25.32	-78.93	-59.87	2.70	12.25	H
									H
									H
									H
	5061	-58.85	-25	-33.85	-76.4	-66.18	2.37	9.70	V
	7592	-55.33	-25	-30.33	-79.41	-64.79	2.40	11.86	V
	10122	-52.79	-25	-27.79	-78.8	-62.34	2.70	12.25	V
									V
									V
									V
Highest	5124	-58.02	-25	-33.02	-78.02	-65.31	2.41	9.70	H
	7680	-53.70	-25	-28.70	-77.74	-63.24	2.37	11.91	H
	10245	-49.45	-25	-24.45	-78.7	-59.05	2.69	12.30	H
									H
									H
									H
	5124	-60.43	-25	-35.43	-78.21	-67.72	2.41	9.70	V
	7680	-54.27	-25	-29.27	-78.93	-63.81	2.37	11.91	V
	10245	-51.39	-25	-26.39	-78.73	-60.99	2.69	12.30	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5007	-58.85	-25	-33.85	-77.73	-66.21	2.34	9.70	H
	7509	-54.50	-25	-29.50	-79.4	-63.88	2.43	11.81	H
	10011	-50.25	-25	-25.25	-79.76	-59.76	2.70	12.20	H
									H
									H
									H
	5007	-60.45	-25	-35.45	-77.74	-67.81	2.34	9.70	V
	7509	-55.03	-25	-30.03	-79.66	-64.41	2.43	11.81	V
	10011	-53.79	-25	-28.79	-79.71	-63.3	2.70	12.20	V
									V
									V
									V
Middle	5061	-58.54	-25	-33.54	-77.66	-65.87	2.37	9.70	H
	7590	-54.52	-25	-29.52	-79.14	-63.97	2.40	11.85	H
	10119	-50.83	-25	-25.83	-79.4	-60.38	2.70	12.25	H
									H
									H
									H
	5061	-59.31	-25	-34.31	-77.64	-66.64	2.37	9.70	V
	7590	-55.83	-25	-30.83	-79.42	-65.28	2.40	11.85	V
	10119	-53.17	-25	-28.17	-79.5	-62.72	2.70	12.25	V
									V
									V
									V
Highest	5115	-58.58	-25	-33.58	-78.13	-65.88	2.40	9.70	H
	7662	-54.00	-25	-29.00	-78.87	-63.52	2.38	11.90	H
	10218	-50.72	-25	-25.72	-79.22	-60.31	2.69	12.29	H
									H
									H
									H
	5115	-60.81	-25	-35.81	-78.33	-68.11	2.40	9.70	V
	7662	-54.75	-25	-29.75	-78.74	-64.27	2.38	11.90	V
	10218	-52.25	-25	-27.25	-78.85	-61.84	2.69	12.29	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5007	-58.48	-25	-33.48	-78.8	-65.84	2.34	9.70	H
	7518	-53.54	-25	-28.54	-79.03	-62.93	2.42	11.81	H
	10020	-50.76	-25	-25.76	-79.6	-60.27	2.70	12.21	H
									H
									H
									H
	5007	-60.28	-25	-35.28	-77.58	-67.64	2.34	9.70	V
	7518	-55.51	-25	-30.51	-79.33	-64.9	2.42	11.81	V
	10020	-53.36	-25	-28.36	-79.75	-62.87	2.70	12.21	V
									V
									V
									V
Middle	5052	-59.86	-25	-34.86	-78.03	-67.19	2.37	9.70	H
	7578	-54.93	-25	-29.93	-79.28	-64.37	2.40	11.85	H
	10101	-50.38	-25	-25.38	-79.66	-59.92	2.70	12.24	H
									H
									H
									H
	5052	-60.94	-25	-35.94	-77.88	-68.27	2.37	9.70	V
	7581	-55.96	-25	-30.96	-79.27	-65.41	2.40	11.85	V
	10101	-53.04	-25	-28.04	-79.49	-62.58	2.70	12.24	V
									V
									V
									V
Highest	5102	-59.99	-25	-34.99	-78.34	-67.29	2.40	9.70	H
	7653	-54.57	-25	-29.57	-78.85	-64.08	2.38	11.89	H
	10200	-50.58	-25	-25.58	-79.2	-60.16	2.70	12.28	H
									H
									H
									H
	5102	-60.51	-25	-35.51	-77.93	-67.81	2.40	9.70	V
	7653	-54.92	-25	-29.92	-78.92	-64.43	2.38	11.89	V
	10200	-52.73	-25	-27.73	-79.2	-62.31	2.70	12.28	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-67.67	-13	-54.67	-72.61	-69.38	0.87	4.73	H
	2112	-65.59	-13	-52.59	-74.10	-66.51	1.17	4.24	H
	2816	-64.48	-13	-51.48	-75.27	-66.59	1.39	5.65	H
									H
									H
									H
	1408	-68.37	-13	-55.37	-72.32	-70.08	0.87	4.73	V
	2112	-64.90	-13	-51.90	-73.78	-65.82	1.17	4.24	V
	2816	-64.06	-13	-51.06	-75.37	-66.17	1.39	5.65	V
									V
									V
									V
Middle	1415	-67.34	-13	-54.34	-72.27	-69.09	0.87	4.77	H
	2122	-65.64	-13	-52.64	-74.27	-66.58	1.17	4.27	H
	2830	-64.49	-13	-51.49	-75.28	-66.61	1.39	5.66	H
									H
									H
									H
	1415	-68.02	-13	-55.02	-71.99	-69.77	0.87	4.77	V
	2122	-65.23	-13	-52.23	-74.43	-66.17	1.17	4.27	V
	2830	-63.74	-13	-50.74	-75.07	-65.86	1.39	5.66	V
									V
									V
									V
Highest	1422	-67.66	-13	-54.66	-72.68	-69.45	0.88	4.82	H
	2136	-65.23	-13	-52.23	-74.02	-66.21	1.18	4.31	H
	2844	-64.36	-13	-51.36	-75.19	-66.49	1.40	5.68	H
									H
									H
									H
	1422	-68.49	-13	-55.49	-72.38	-70.28	0.88	4.82	V
	2136	-62.96	-13	-49.96	-72.54	-63.94	1.18	4.31	V
	2844	-63.78	-13	-50.78	-75.11	-65.91	1.40	5.68	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-66.96	-13	-53.96	-71.89	-68.67	0.87	4.73	H
	2112	-65.58	-13	-52.58	-74.10	-66.50	1.17	4.24	H
	2816	-64.31	-13	-51.31	-75.08	-66.42	1.39	5.65	H
									H
									H
									H
	1408	-68.67	-13	-55.67	-72.63	-70.38	0.87	4.73	V
	2112	-64.71	-13	-51.71	-73.59	-65.63	1.17	4.24	V
	2816	-63.84	-13	-50.84	-75.15	-65.95	1.39	5.65	V
									V
									V
									V
Middle	1410	-66.88	-13	-53.88	-71.81	-68.60	0.87	4.74	H
	2115	-65.77	-13	-52.77	-74.45	-66.69	1.17	4.25	H
	2820	-64.61	-13	-51.61	-75.40	-66.72	1.39	5.66	H
									H
									H
									H
	1410	-68.64	-13	-55.64	-72.60	-70.36	0.87	4.74	V
	2115	-65.26	-13	-52.26	-74.49	-66.18	1.17	4.25	V
	2820	-64.06	-13	-51.06	-75.37	-66.17	1.39	5.66	V
									V
									V
									V
Highest	1412	-66.99	-13	-53.99	-71.96	-68.72	0.87	4.75	H
	2118	-65.64	-13	-52.64	-74.27	-66.57	1.17	4.25	H
	2824	-64.36	-13	-51.36	-75.13	-66.48	1.39	5.66	H
									H
									H
									H
	1412	-68.47	-13	-55.47	-72.44	-70.20	0.87	4.75	V
	2118	-64.69	-13	-51.69	-73.93	-65.62	1.17	4.25	V
	2824	-64.14	-13	-51.14	-75.44	-66.26	1.39	5.66	V
									V
									V
									V

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