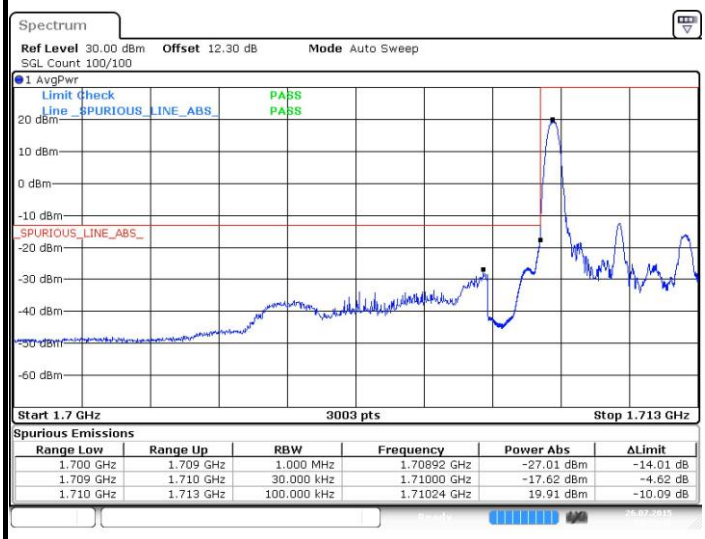
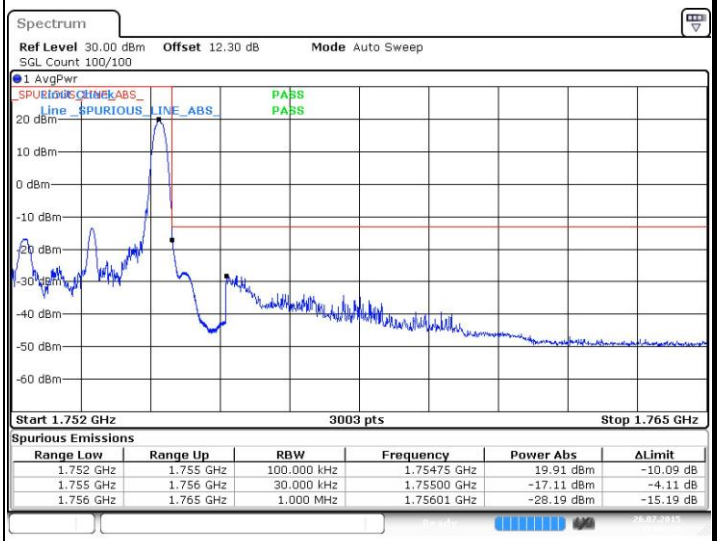
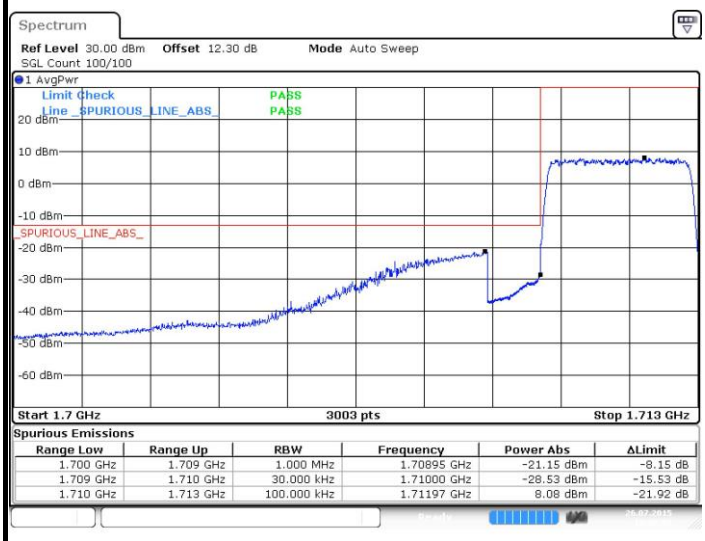
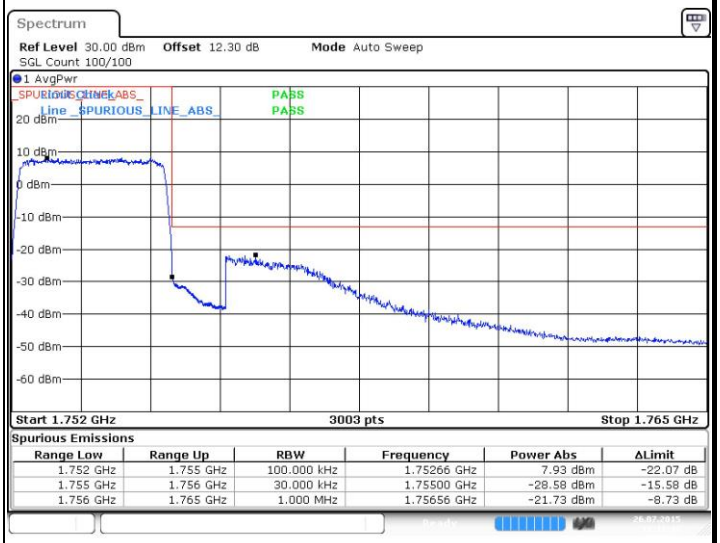
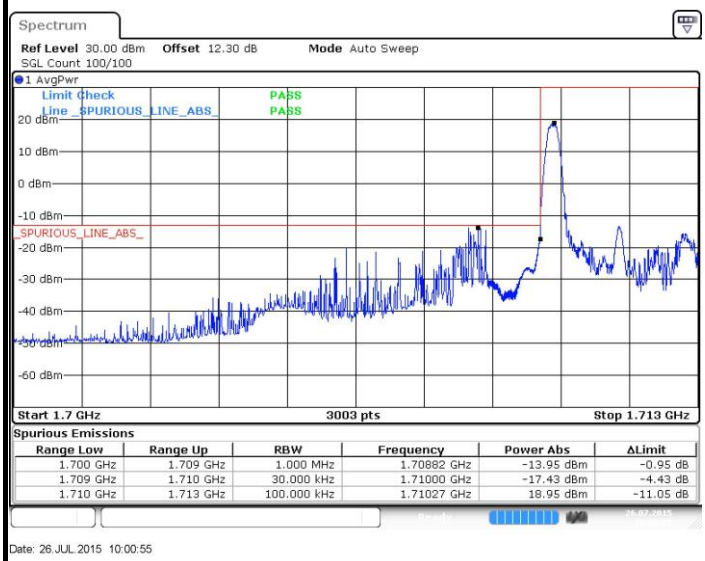
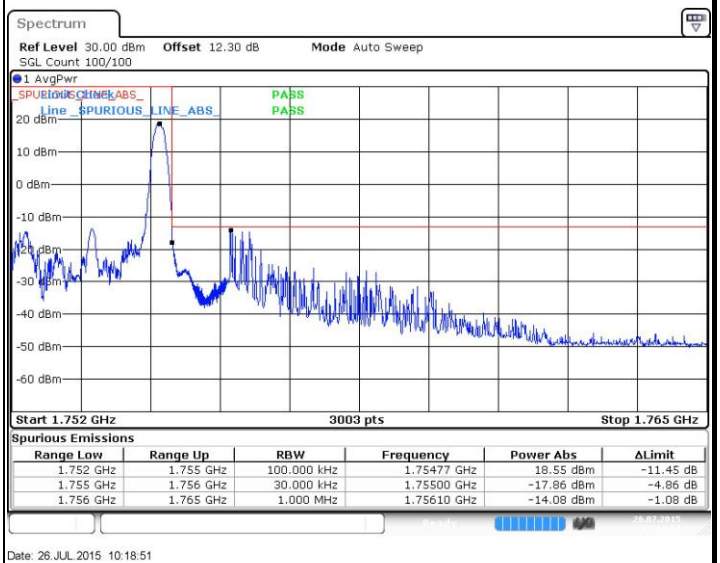
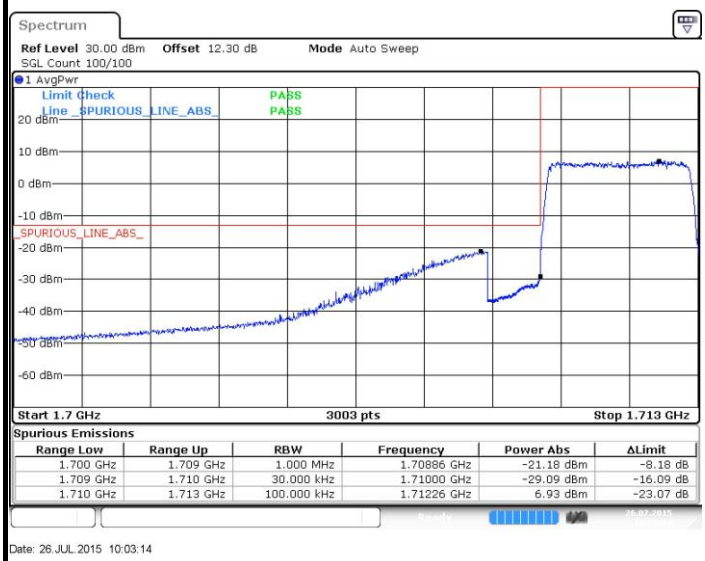
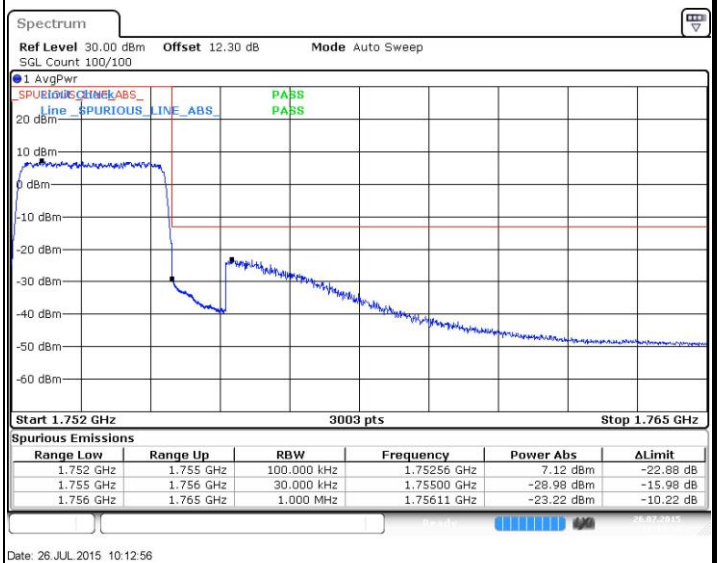
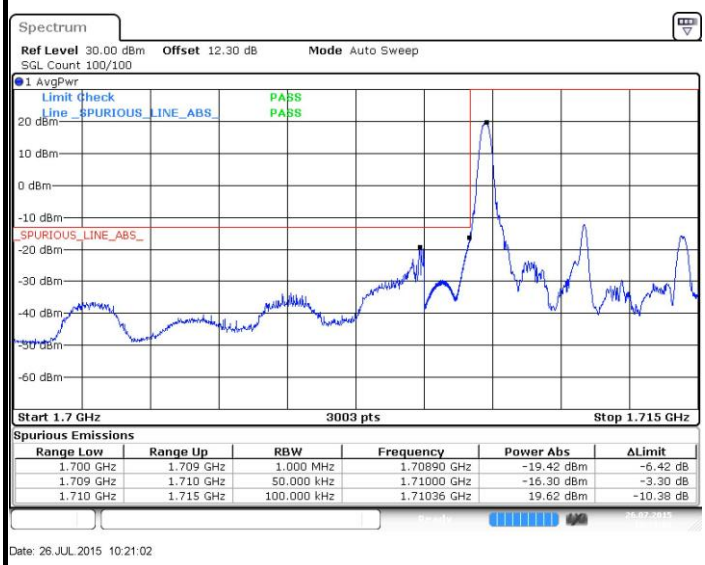
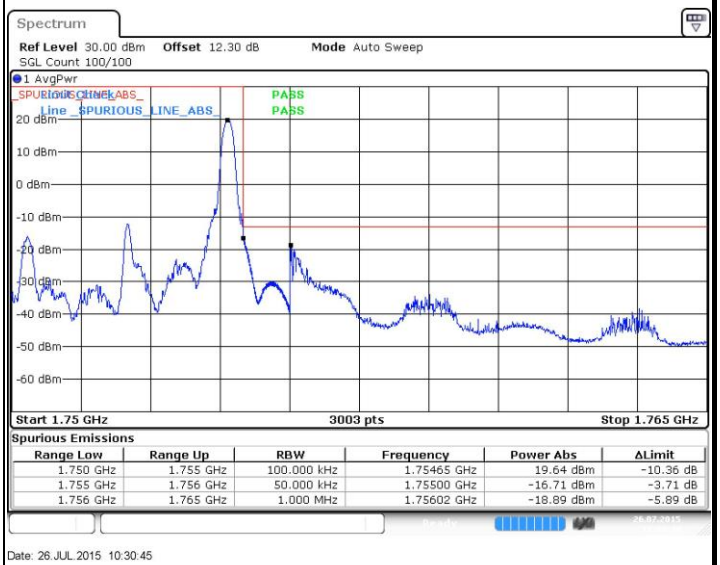
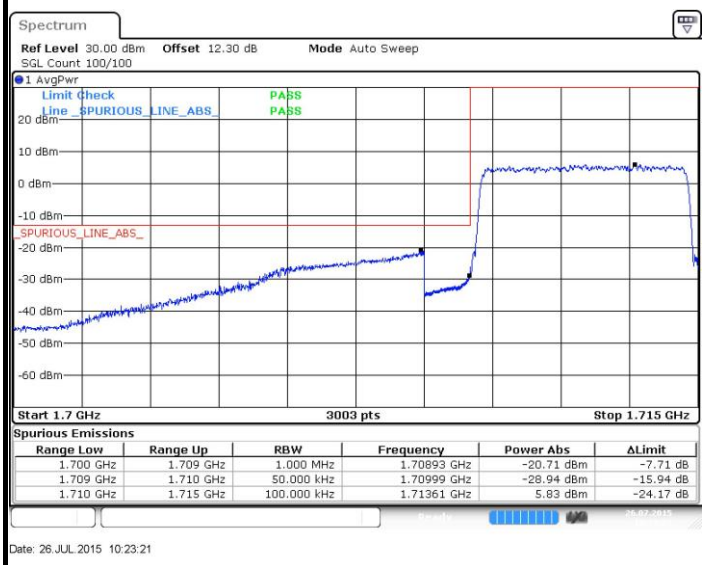
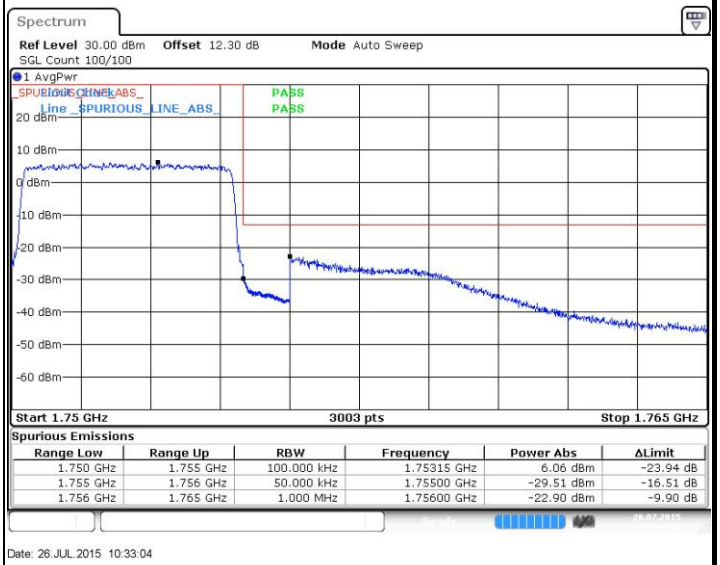
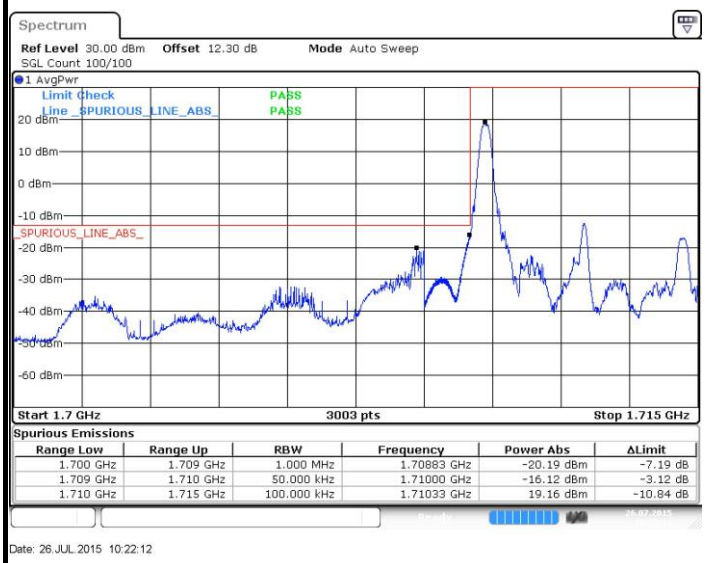
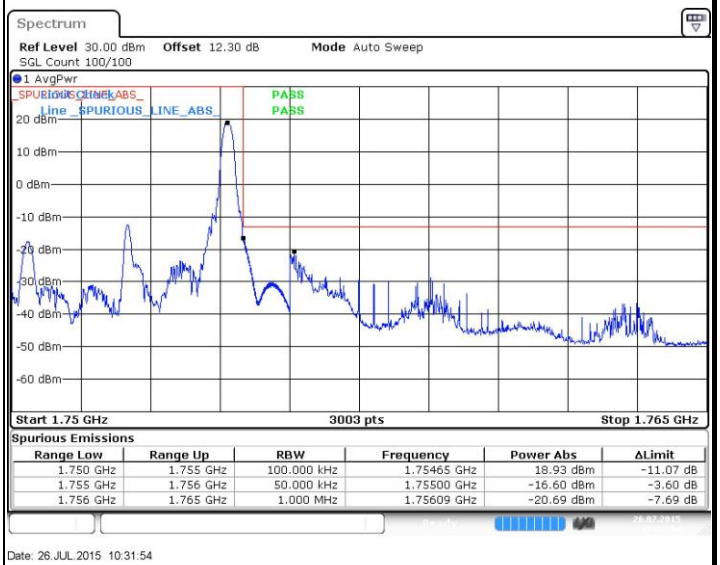
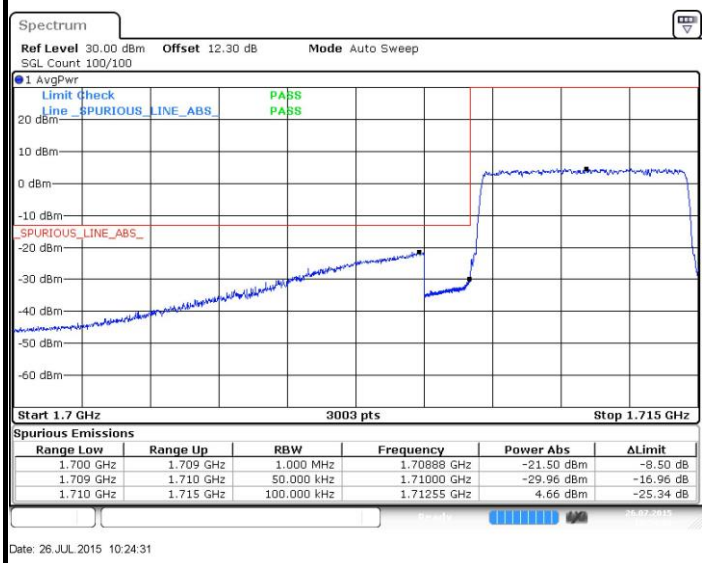
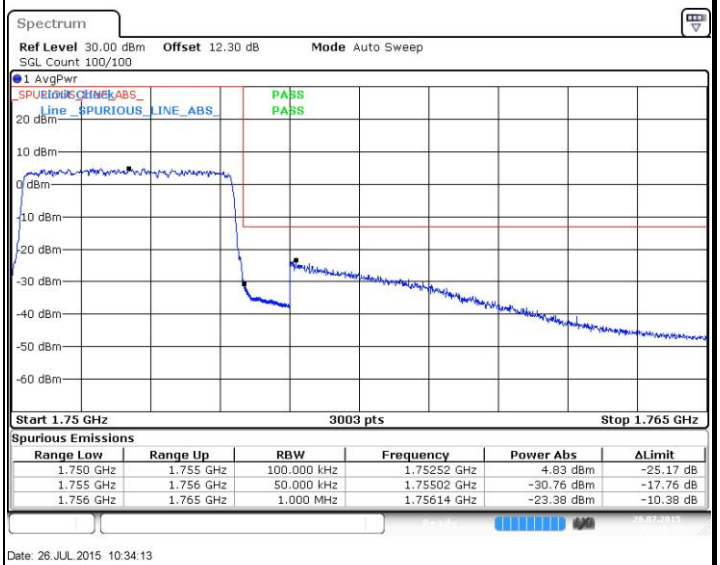
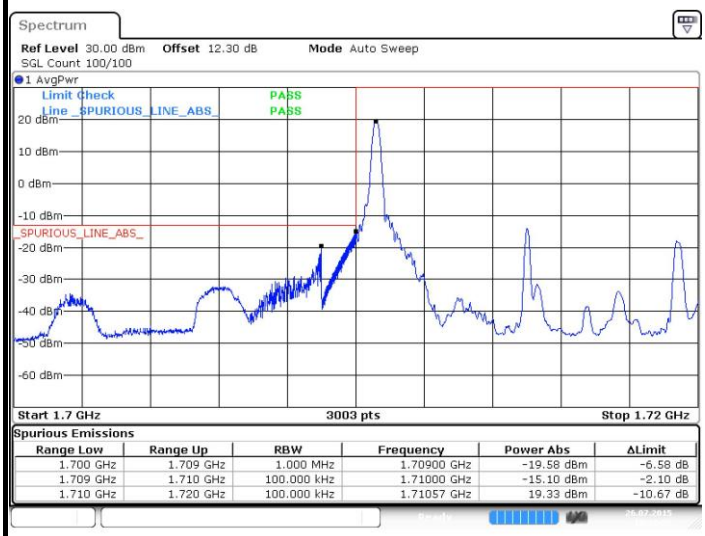
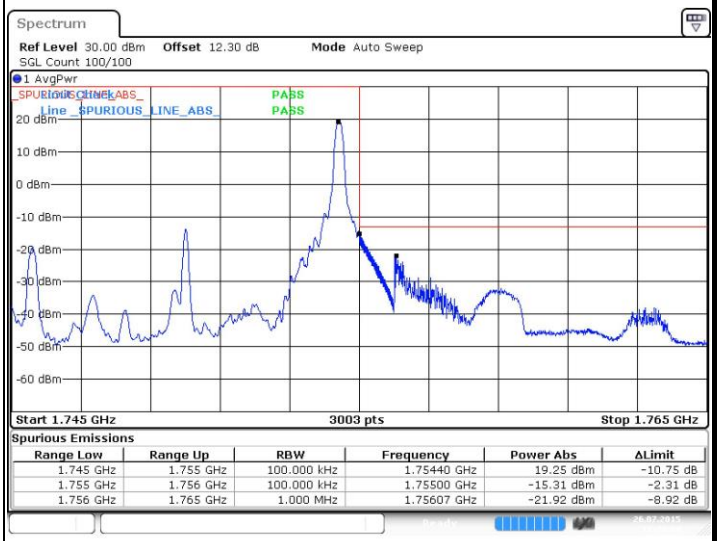
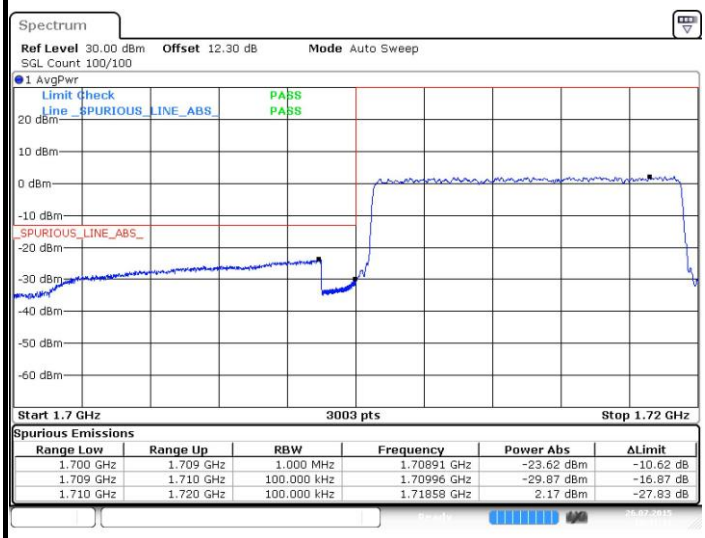
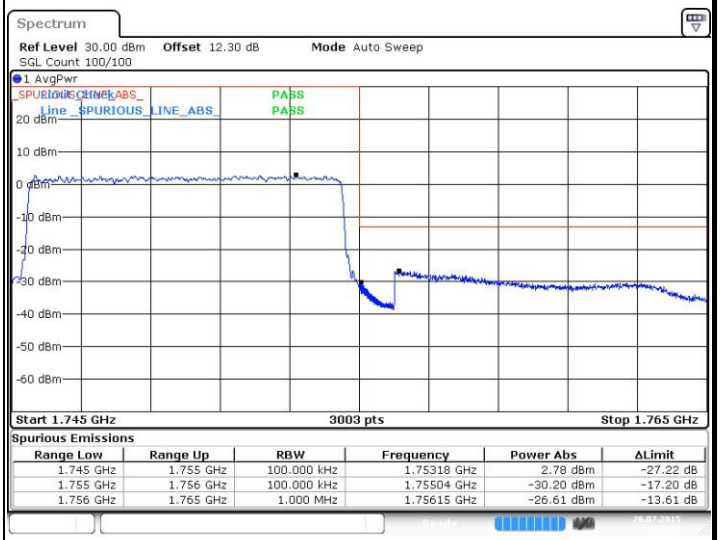
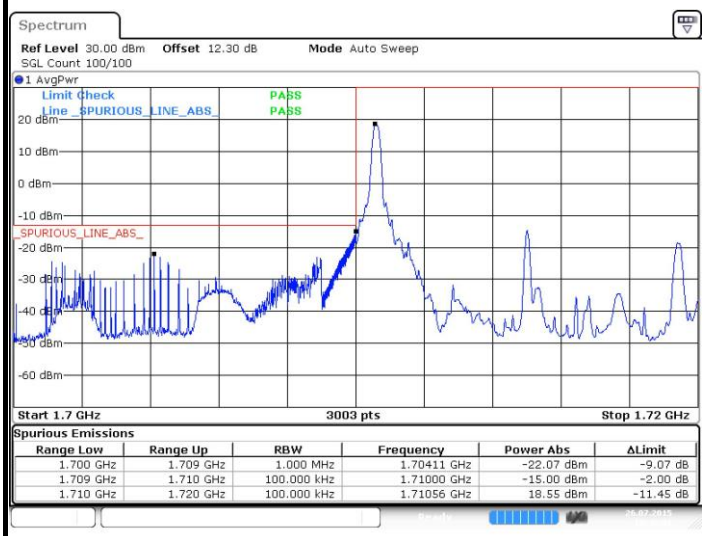
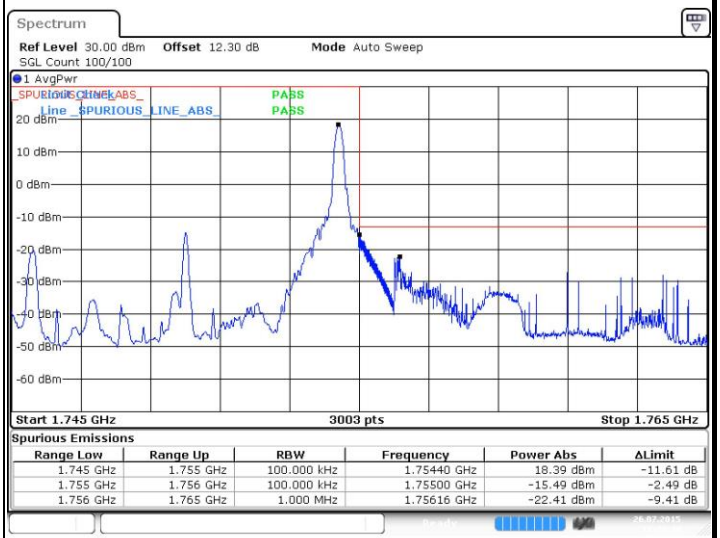
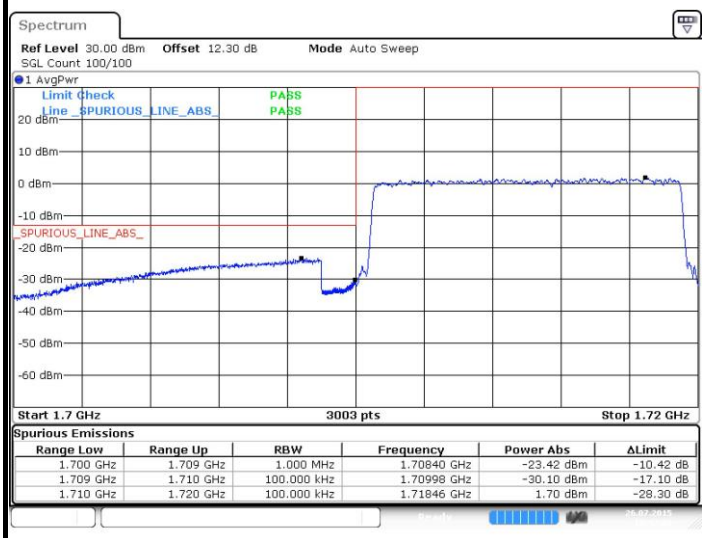
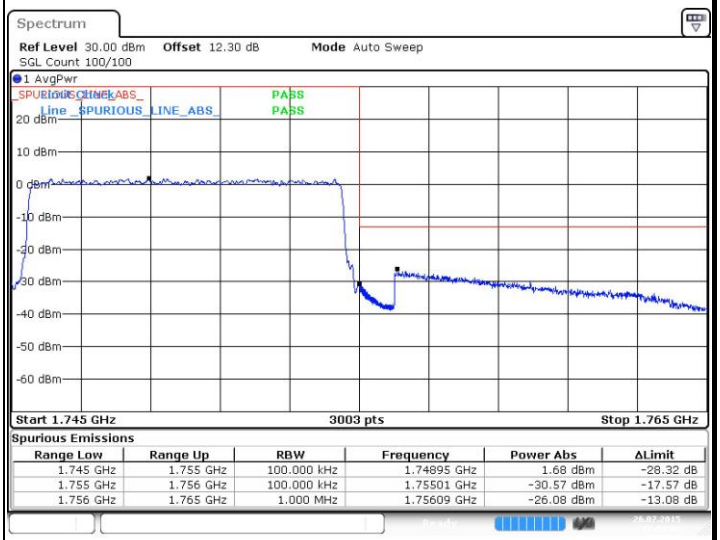
LTE Band 4 / 3MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

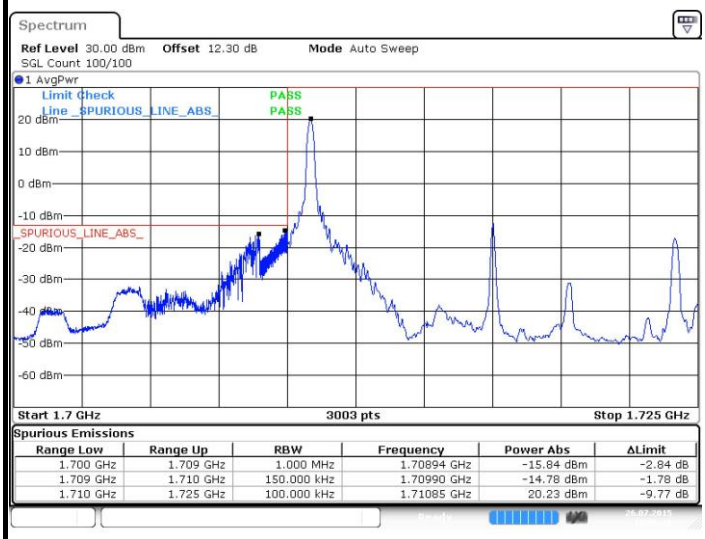
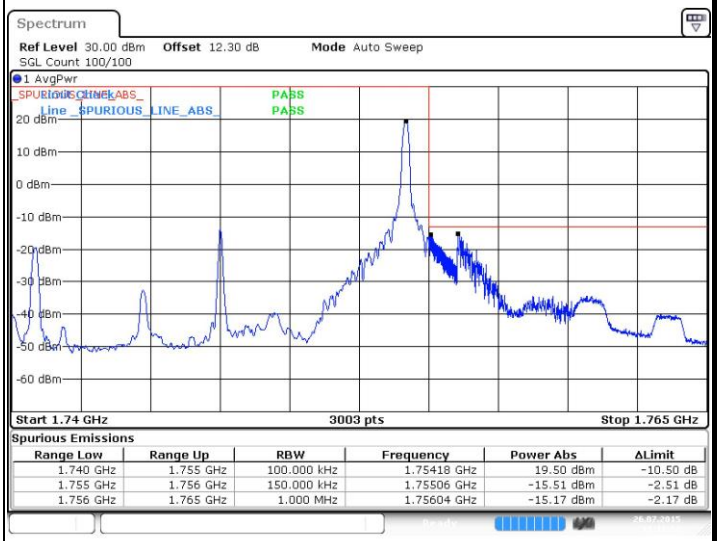
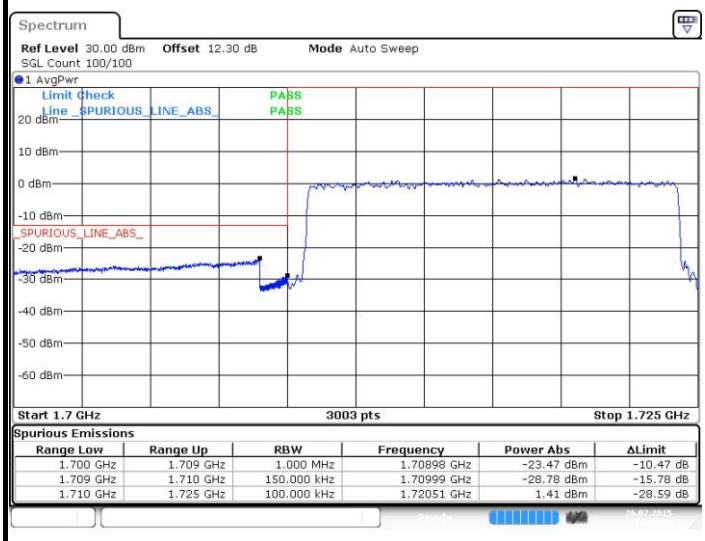
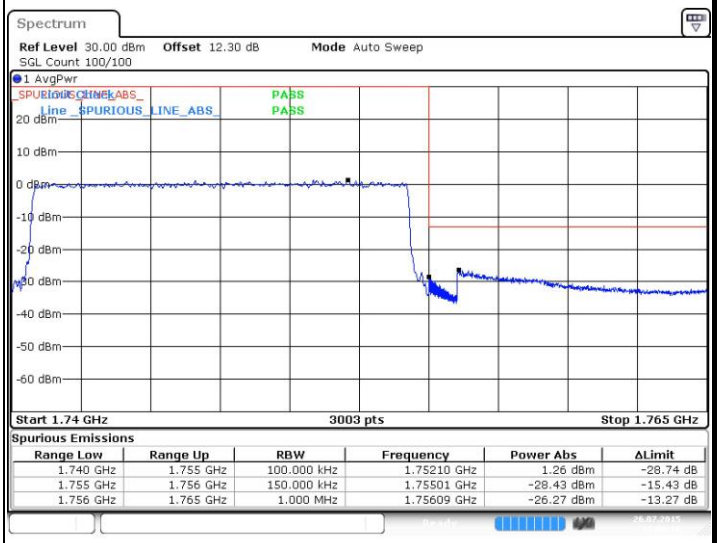
LTE Band 4 / 3MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge /1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

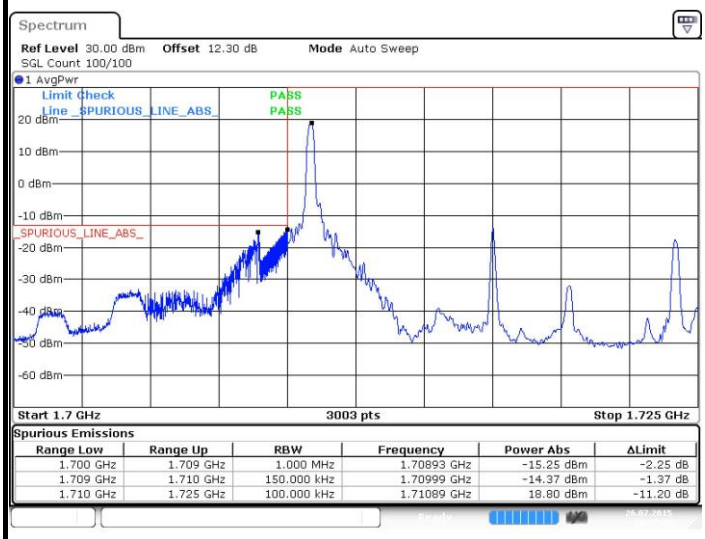
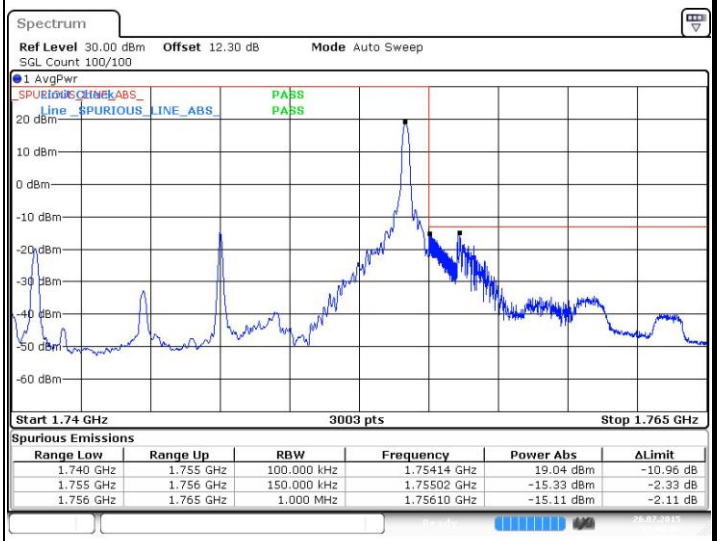
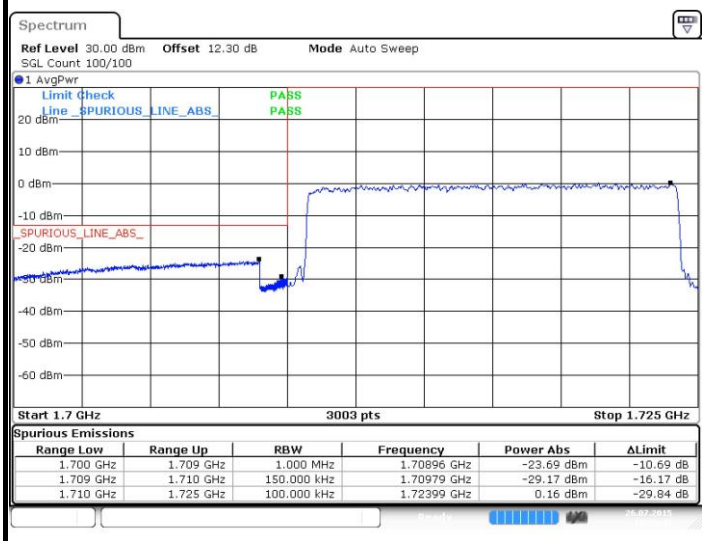
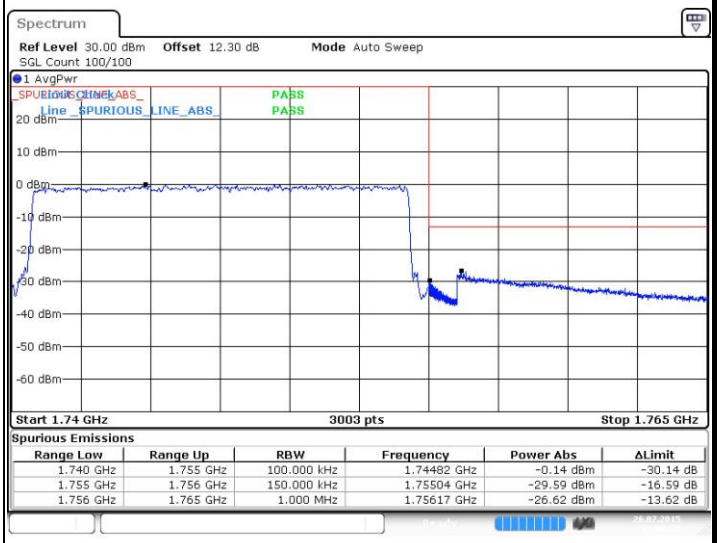
LTE Band 4 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

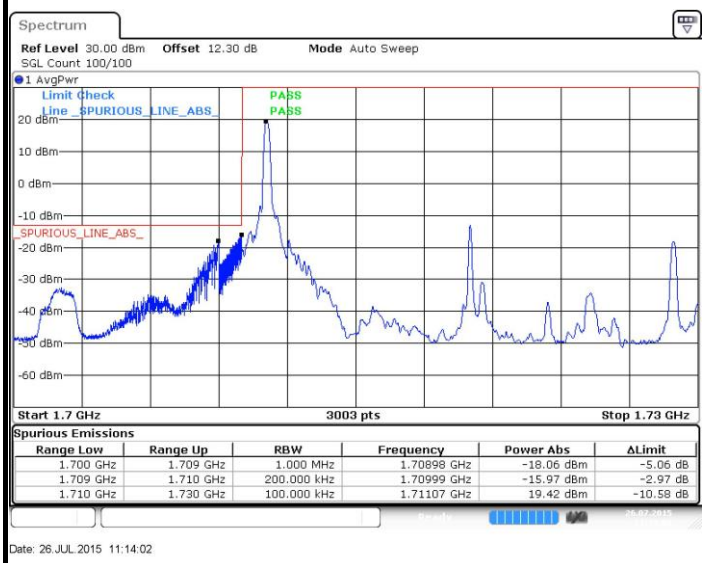
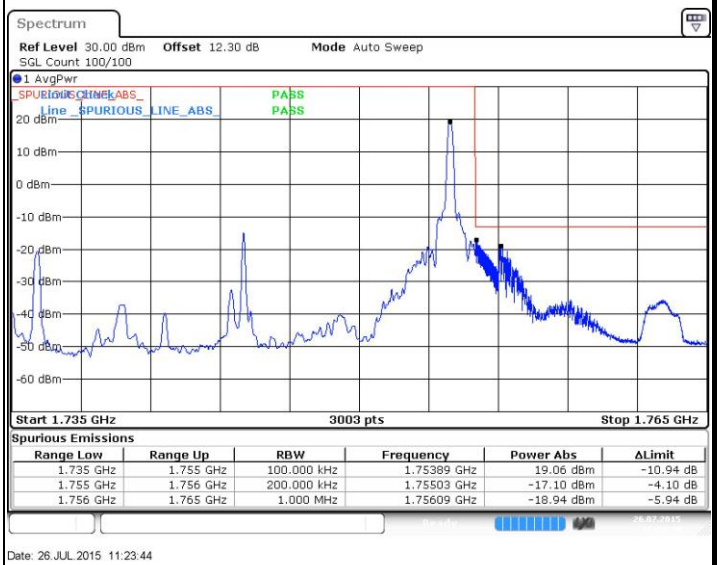
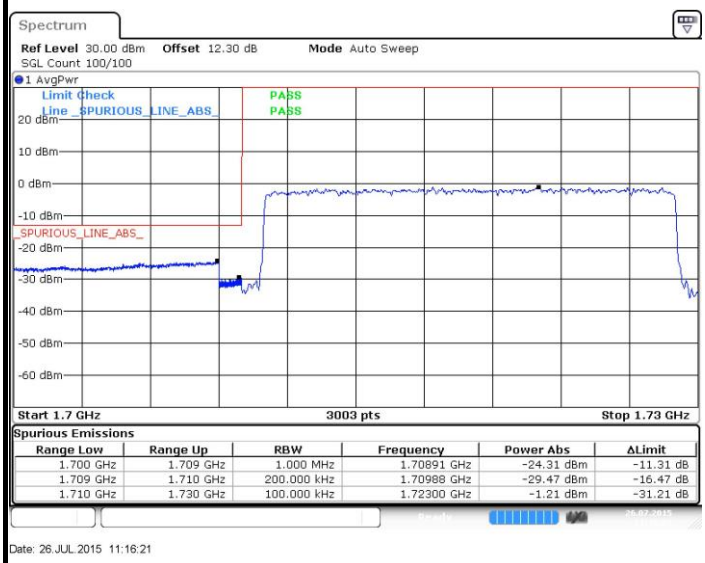
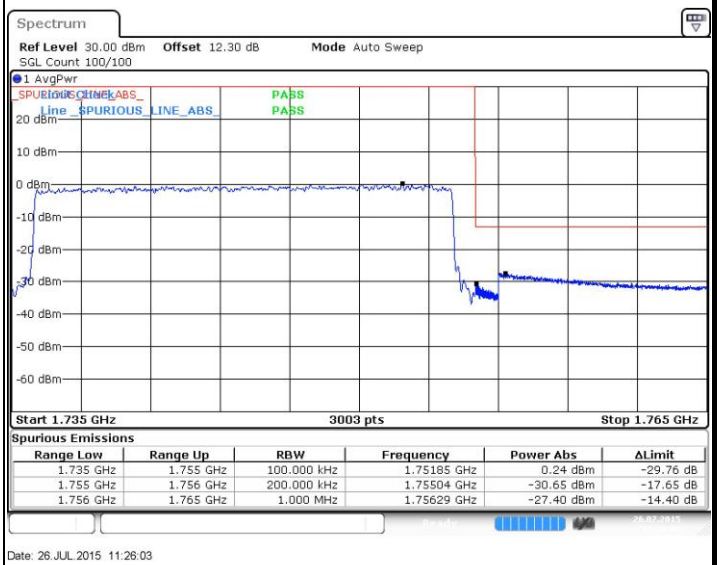
LTE Band 4 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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**
	

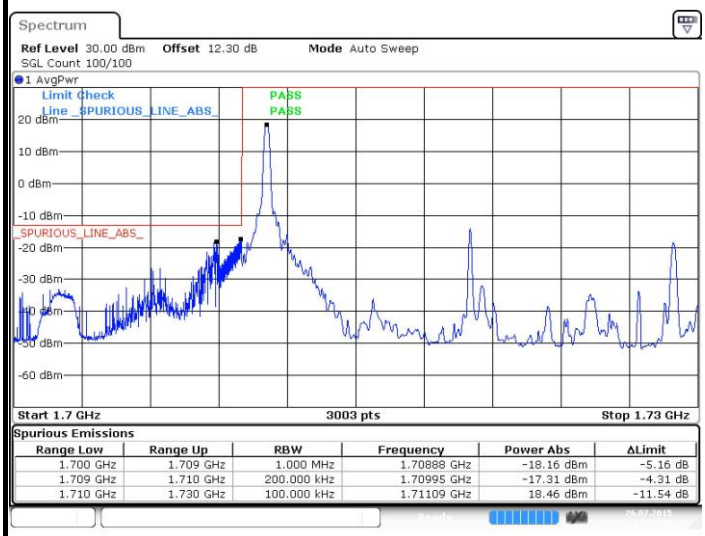
LTE Band 4 / 15MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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**
	

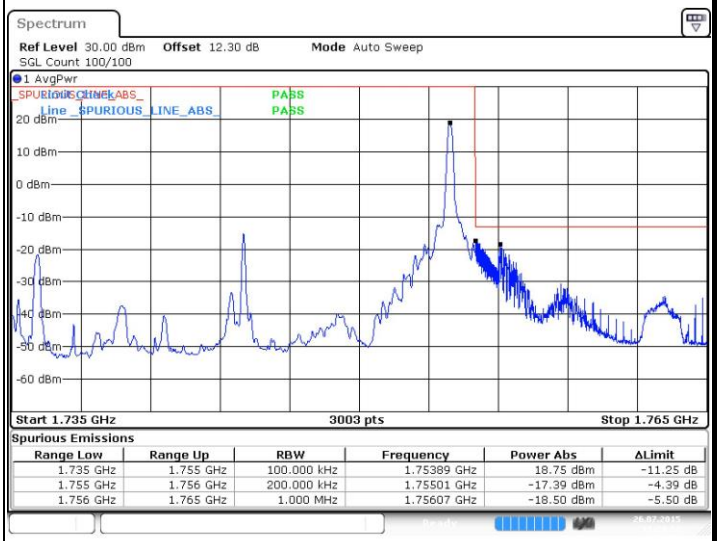
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



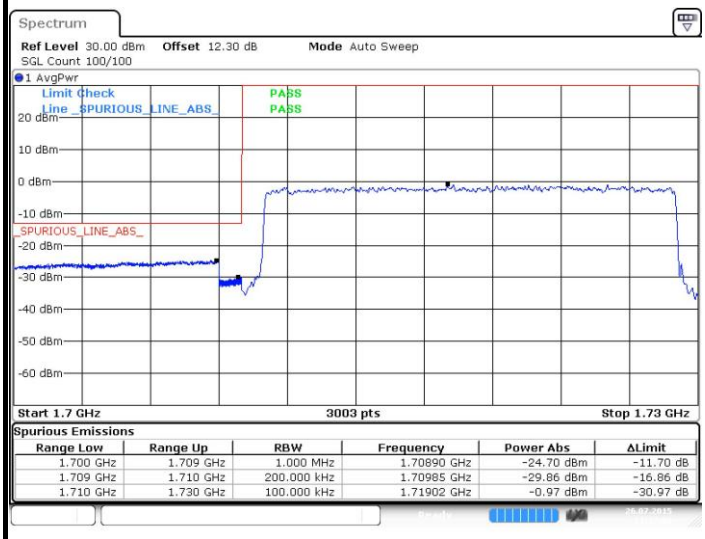
Date: 26.JUL.2015 11:15:11

Highest Band Edge / 1 RB



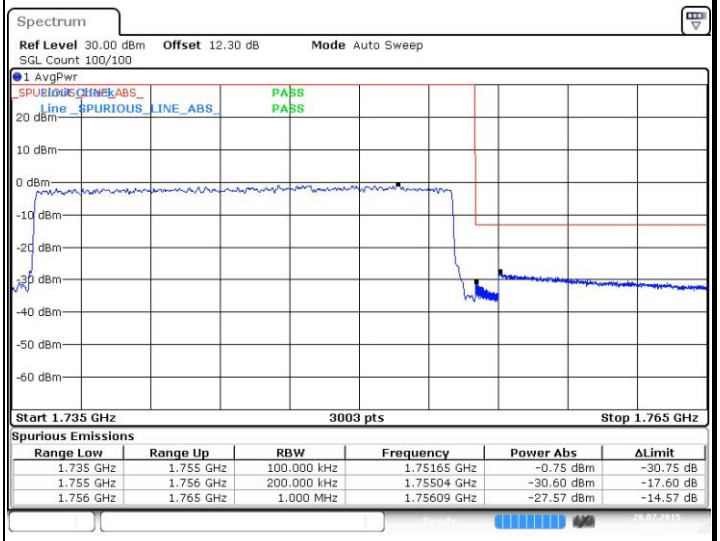
Date: 26.JUL.2015 11:24:53

Lowest Band Edge / Full RB



Date: 26.JUL.2015 11:17:30

Highest Band Edge / Full RB

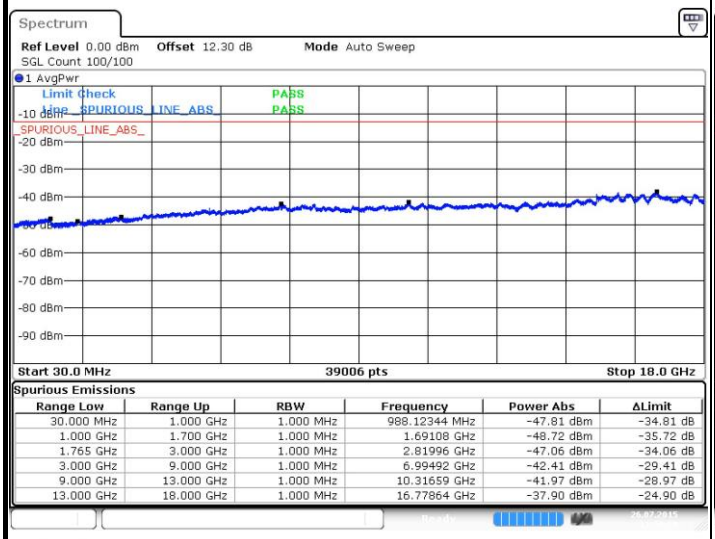


Date: 26.JUL.2015 11:27:12

Conducted Spurious Emission

LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

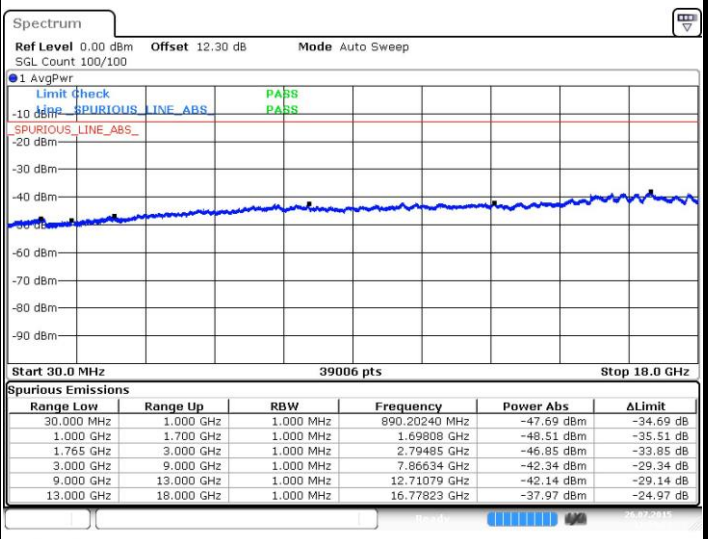


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-47.81 dBm	-34.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69108 GHz	-48.72 dBm	-35.72 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81996 GHz	-47.06 dBm	-34.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99492 GHz	-42.41 dBm	-29.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31659 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77864 GHz	-37.90 dBm	-24.90 dB

Date: 26.JUL.2015 11:38:27

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-47.69 dBm	-34.69 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-48.51 dBm	-35.51 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79485 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86634 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71079 GHz	-42.14 dBm	-29.14 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77823 GHz	-37.97 dBm	-24.97 dB

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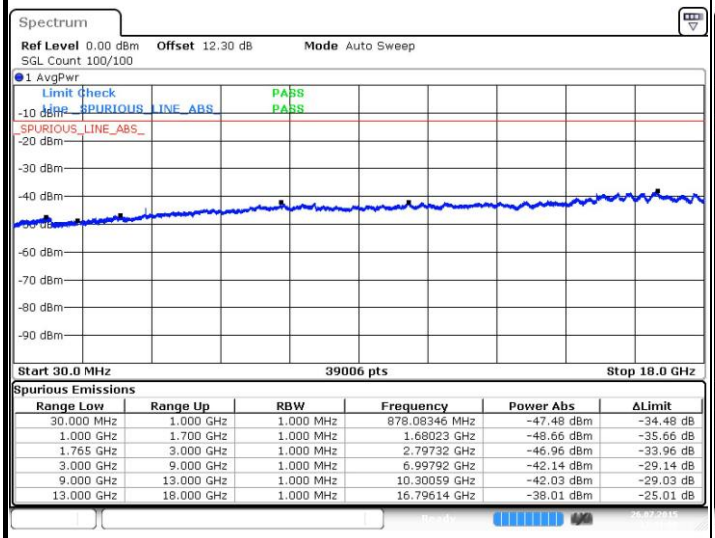
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.08346 MHz	-47.48 dBm	-34.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68023 GHz	-48.66 dBm	-35.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.79732 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-42.14 dBm	-29.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30059 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.79614 GHz	-38.01 dBm	-25.01 dB

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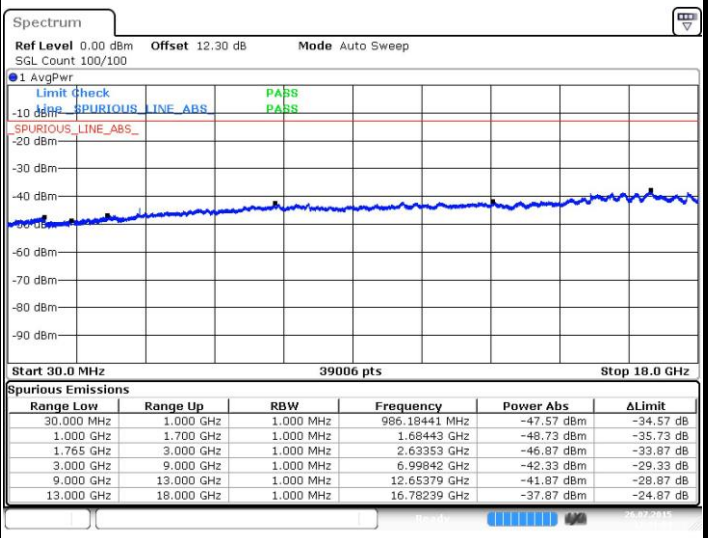
Middle Channel / 16QAM



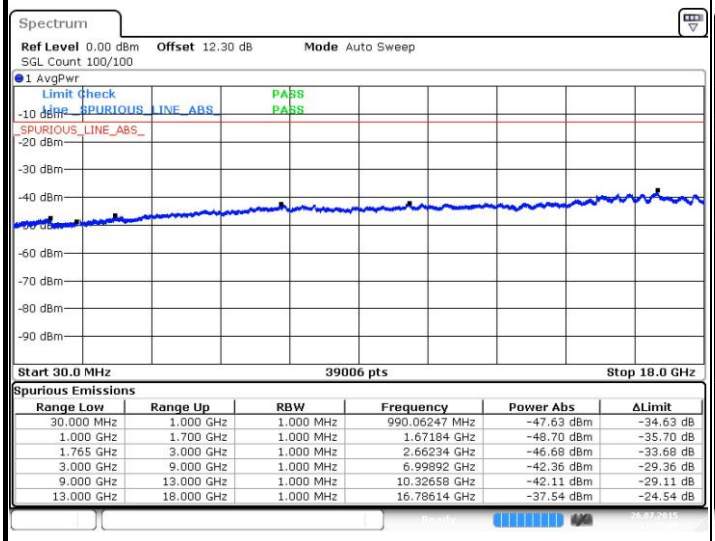
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.18441 MHz	-47.57 dBm	-34.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68443 GHz	-48.73 dBm	-35.73 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63353 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-42.33 dBm	-29.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65379 GHz	-41.87 dBm	-28.87 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78239 GHz	-37.87 dBm	-24.87 dB

Date: 26.JUL.2015 11:41:55

LTE Band 4 / 1.4MHz

Highest Channel / QPSK

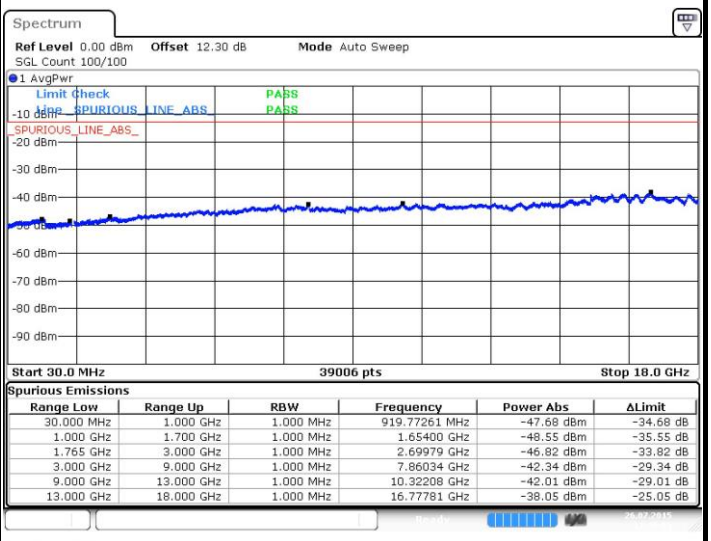


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-47.63 dBm	-34.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-48.70 dBm	-35.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66234 GHz	-46.68 dBm	-33.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32658 GHz	-42.11 dBm	-29.11 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78614 GHz	-37.54 dBm	-24.54 dB

Date: 26.JUL.2015 11:48:10

Highest Channel / 16QAM



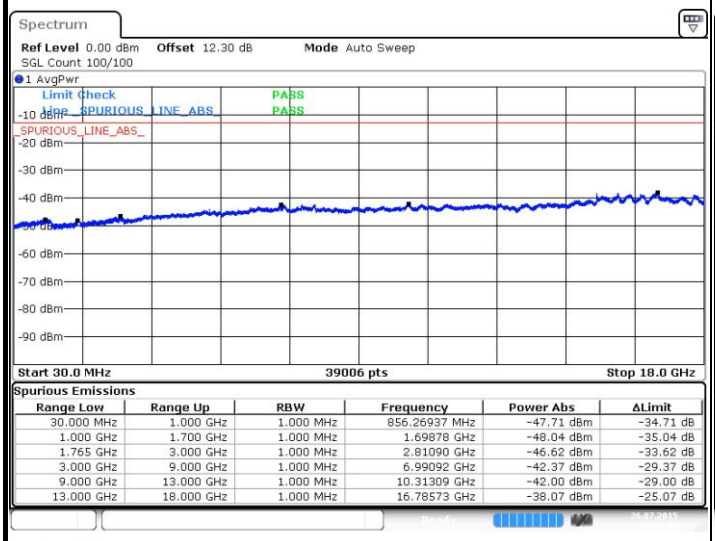
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-47.68 dBm	-34.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65400 GHz	-48.55 dBm	-35.55 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69979 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86034 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32208 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77781 GHz	-38.05 dBm	-25.05 dB

Date: 26.JUL.2015 11:49:05

LTE Band 4 / 3MHz

Lowest Channel / QPSK

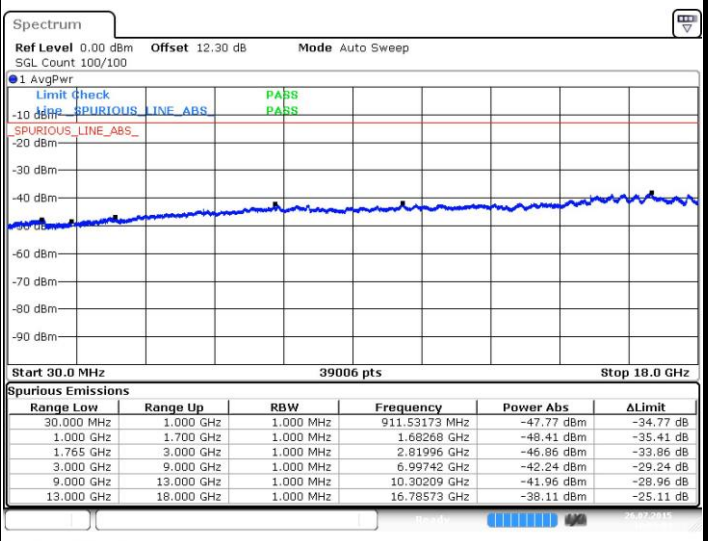


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.26937 MHz	-47.71 dBm	-34.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-48.04 dBm	-35.04 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81090 GHz	-46.62 dBm	-33.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-42.37 dBm	-29.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31309 GHz	-42.00 dBm	-29.00 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78573 GHz	-38.07 dBm	-25.07 dB

Date: 26.JUL.2015 10:04:09

Lowest Channel / 16QAM



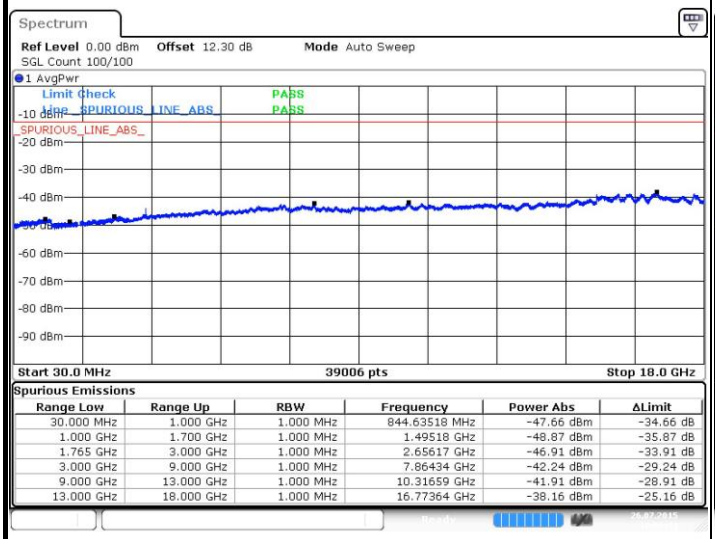
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68268 GHz	-48.41 dBm	-35.41 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81996 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-42.24 dBm	-29.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30209 GHz	-41.96 dBm	-28.96 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78573 GHz	-38.11 dBm	-25.11 dB

Date: 26.JUL.2015 10:05:04

LTE Band 4 / 3MHz

Middle Channel / QPSK

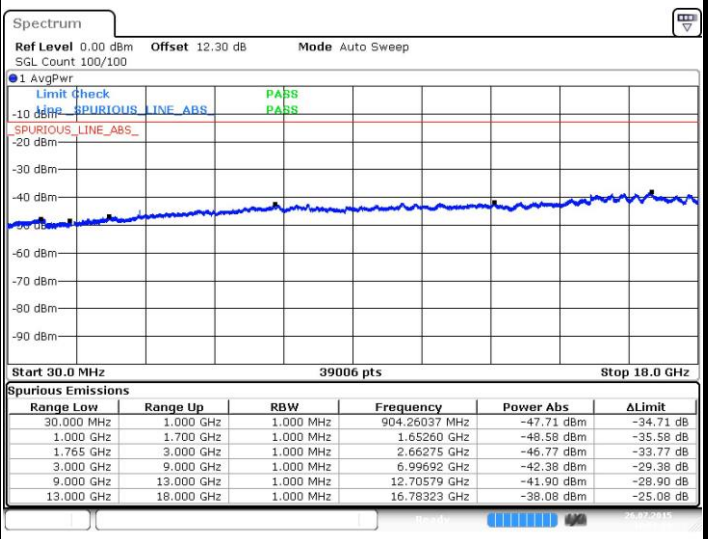


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	844.63518 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.49518 GHz	-48.87 dBm	-35.87 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65617 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86434 GHz	-42.24 dBm	-29.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31659 GHz	-41.91 dBm	-28.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77364 GHz	-38.16 dBm	-25.16 dB

Date: 26.JUL.2015 10:06:42

Middle Channel / 16QAM

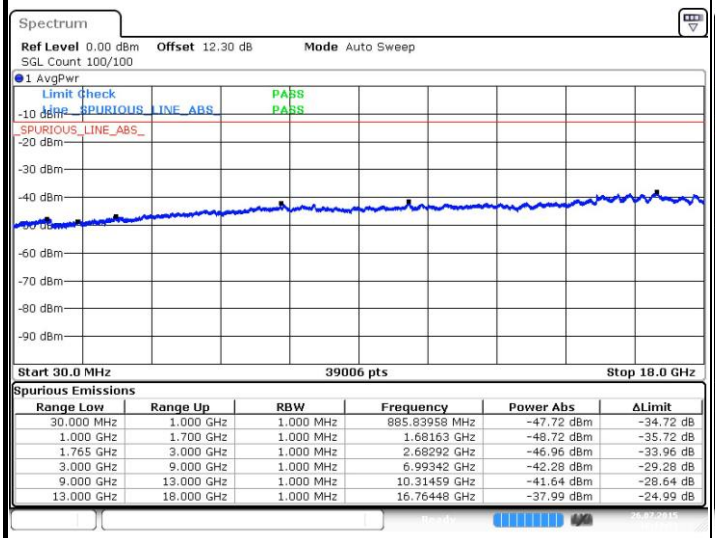


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.26037 MHz	-47.71 dBm	-34.71 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65260 GHz	-48.58 dBm	-35.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.66275 GHz	-46.77 dBm	-33.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-42.38 dBm	-29.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70579 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78323 GHz	-38.08 dBm	-25.08 dB

Date: 26.JUL.2015 10:07:36

Highest Channel / QPSK

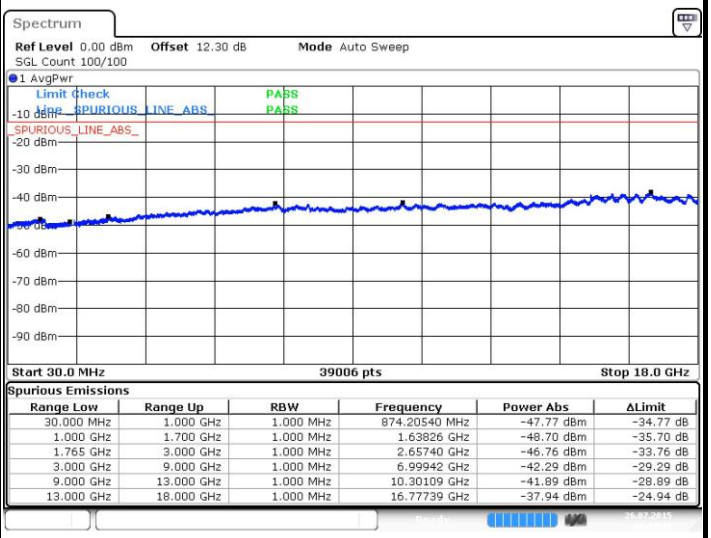


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-47.72 dBm	-34.72 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68163 GHz	-48.72 dBm	-35.72 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.68292 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-41.64 dBm	-28.64 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76448 GHz	-37.99 dBm	-24.99 dB

Date: 26.JUL.2015 10:13:51

Highest Channel / 16QAM



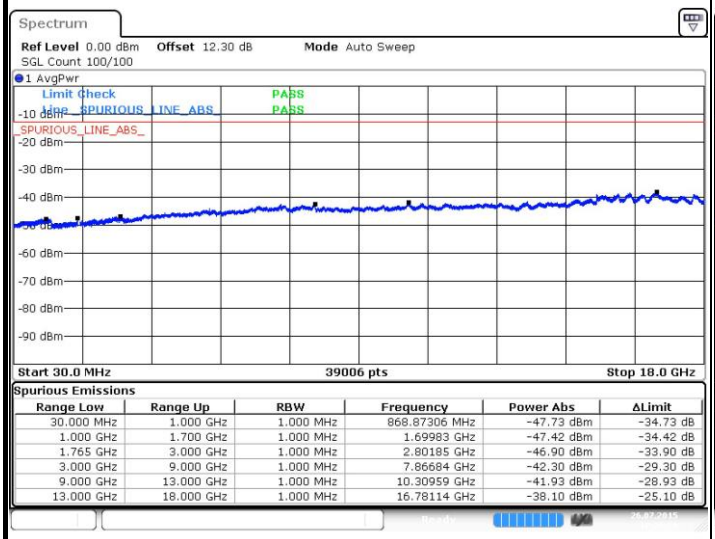
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63826 GHz	-48.70 dBm	-35.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65740 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30109 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77739 GHz	-37.94 dBm	-24.94 dB

Date: 26.JUL.2015 10:14:46

LTE Band 4 / 5MHz

Lowest Channel / QPSK

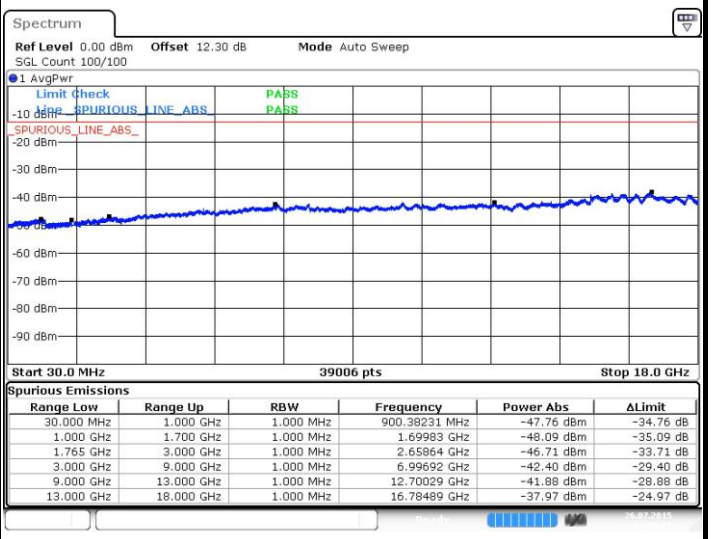


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-47.42 dBm	-34.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80185 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86684 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-41.93 dBm	-28.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78114 GHz	-38.10 dBm	-25.10 dB

Date: 26.JUL.2015 10:25:26

Lowest Channel / 16QAM

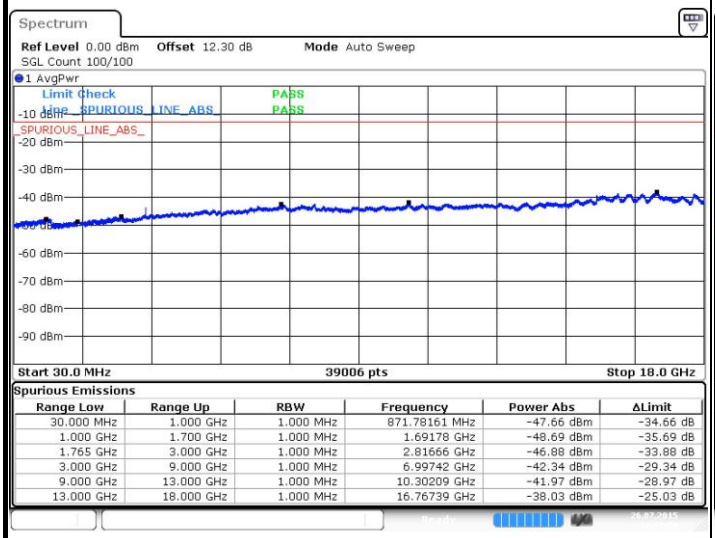


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-47.76 dBm	-34.76 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-48.09 dBm	-35.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65864 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-42.40 dBm	-29.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70029 GHz	-41.88 dBm	-28.88 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78489 GHz	-37.97 dBm	-24.97 dB

Date: 26.JUL.2015 10:26:21

Middle Channel / QPSK

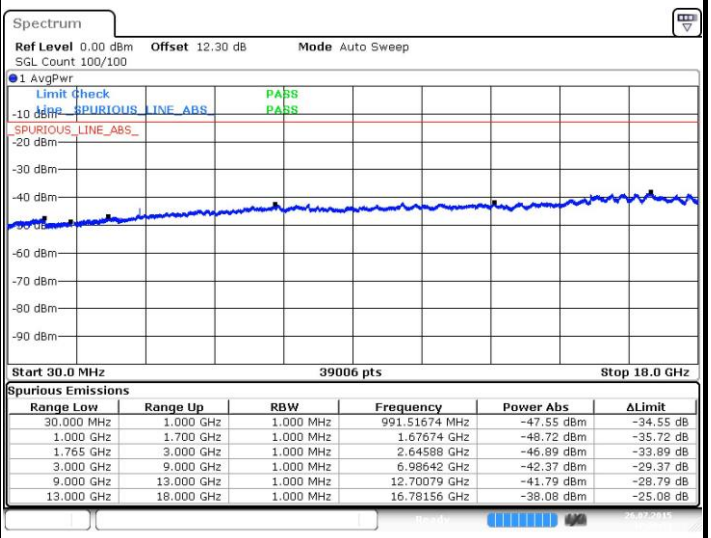


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69178 GHz	-48.69 dBm	-35.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81666 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-42.34 dBm	-29.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30209 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76739 GHz	-38.03 dBm	-25.03 dB

Date: 26.JUL.2015 10:27:58

Middle Channel / 16QAM



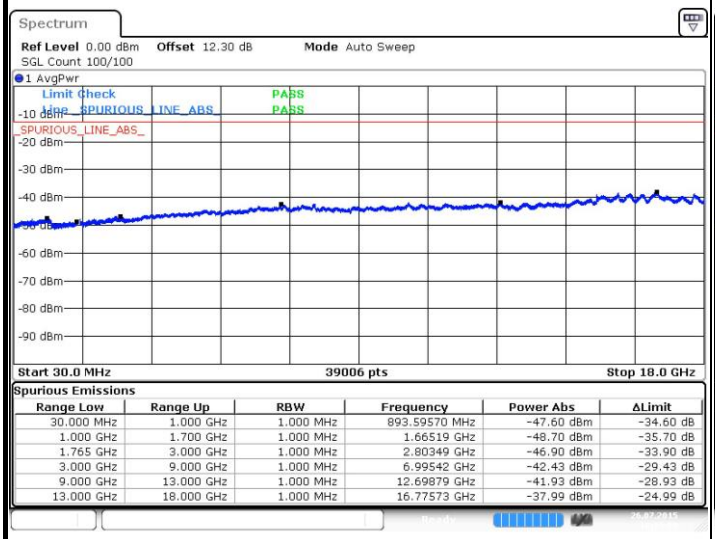
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-47.55 dBm	-34.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67674 GHz	-48.72 dBm	-35.72 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.64588 GHz	-46.89 dBm	-33.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-42.37 dBm	-29.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70079 GHz	-41.79 dBm	-28.79 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78156 GHz	-38.08 dBm	-25.08 dB

Date: 26.JUL.2015 10:28:53

LTE Band 4 / 5MHz

Highest Channel / QPSK

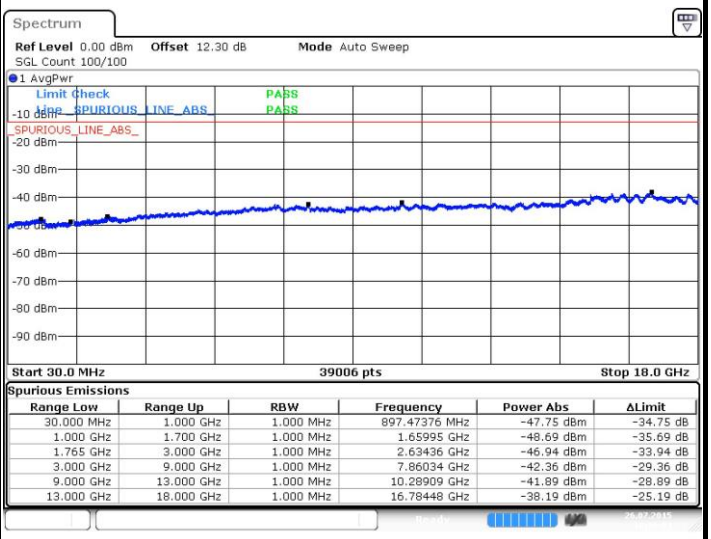


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66519 GHz	-48.70 dBm	-35.70 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.80349 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-42.43 dBm	-29.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69879 GHz	-41.93 dBm	-28.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77573 GHz	-37.99 dBm	-24.99 dB

Date: 26.JUL.2015 10:35:08

Highest Channel / 16QAM



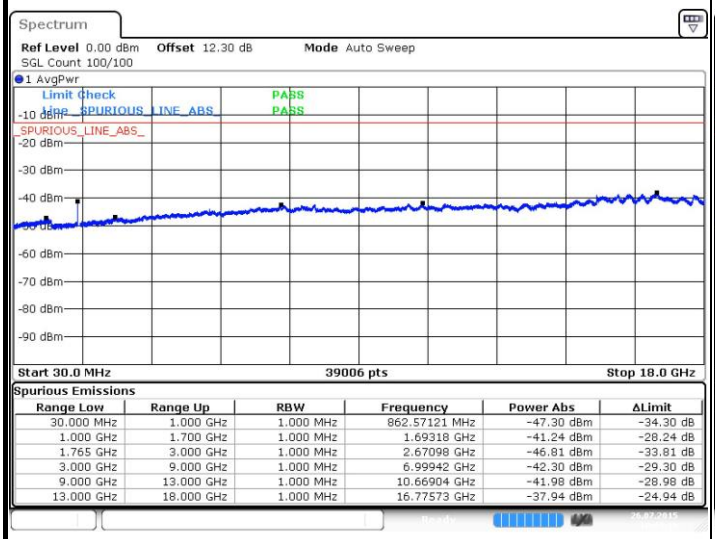
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-47.75 dBm	-34.75 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65995 GHz	-48.69 dBm	-35.69 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.63436 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86034 GHz	-42.36 dBm	-29.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28909 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78448 GHz	-38.19 dBm	-25.19 dB

Date: 26.JUL.2015 10:36:03

LTE Band 4 / 10MHz

Lowest Channel / QPSK

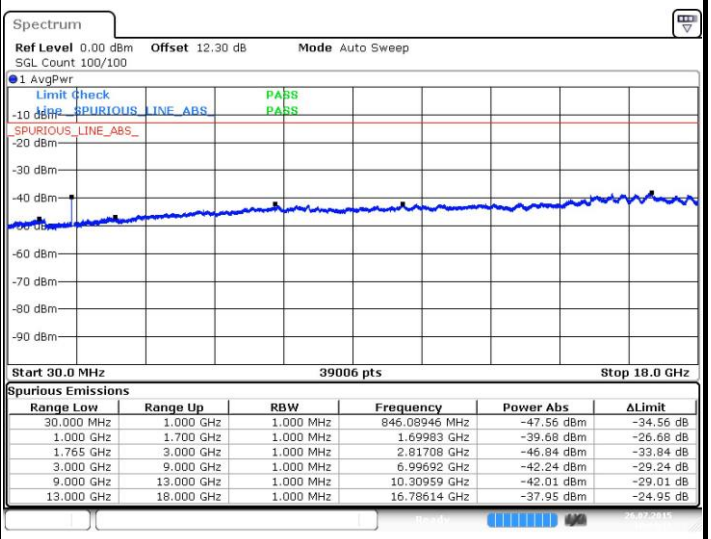


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-47.30 dBm	-34.30 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69318 GHz	-41.24 dBm	-28.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67098 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66904 GHz	-41.98 dBm	-28.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77573 GHz	-37.94 dBm	-24.94 dB

Date: 26.JUL.2015 10:43:15

Lowest Channel / 16QAM



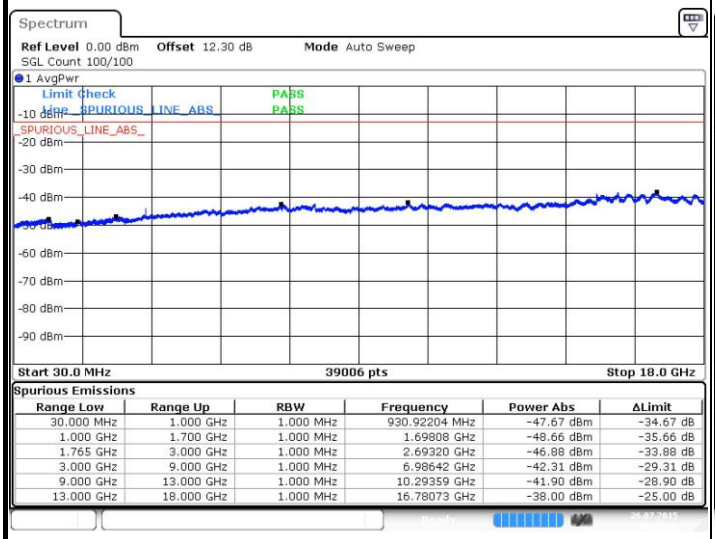
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.08946 MHz	-47.56 dBm	-34.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-39.68 dBm	-26.68 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.81708 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99692 GHz	-42.24 dBm	-29.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30959 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78614 GHz	-37.95 dBm	-24.95 dB

Date: 26.JUL.2015 10:44:10

LTE Band 4 / 10MHz

Middle Channel / QPSK

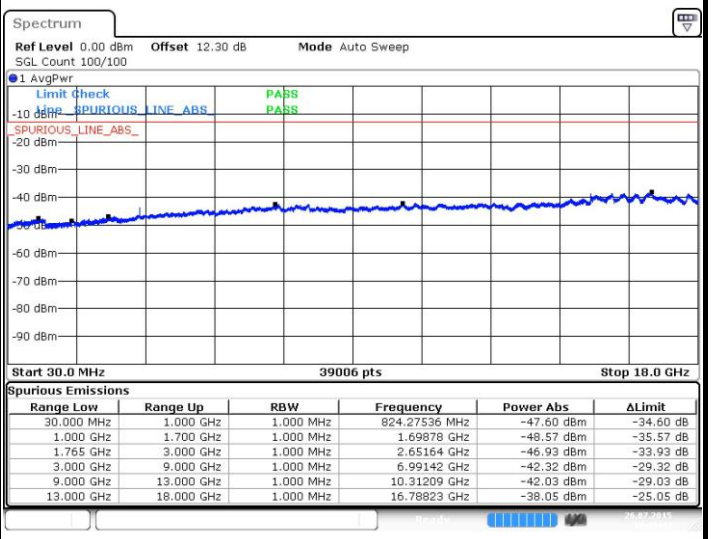


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.92204 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-48.66 dBm	-35.66 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69320 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29359 GHz	-41.90 dBm	-28.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78073 GHz	-38.00 dBm	-25.00 dB

Date: 26.JUL.2015 10:45:47

Middle Channel / 16QAM

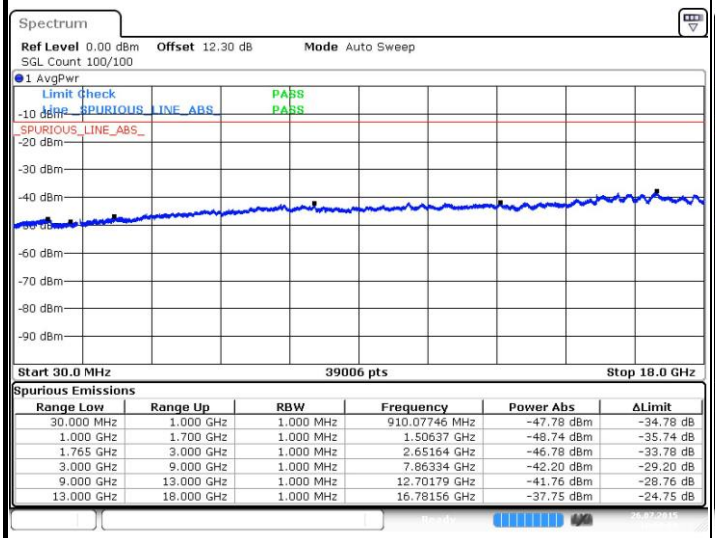


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	824.27536 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-48.57 dBm	-35.57 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65164 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31209 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78823 GHz	-38.05 dBm	-25.05 dB

Date: 26.JUL.2015 10:46:43

Highest Channel / QPSK

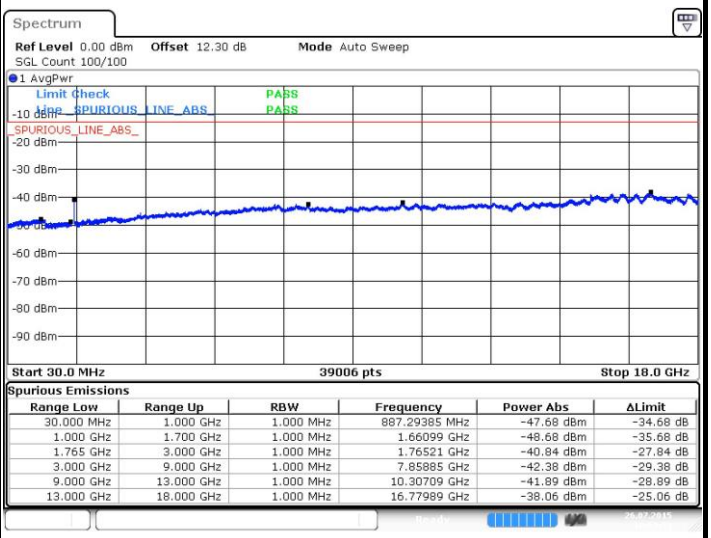


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-47.78 dBm	-34.78 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.50637 GHz	-48.74 dBm	-35.74 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65164 GHz	-46.78 dBm	-33.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86334 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70179 GHz	-41.76 dBm	-28.76 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78156 GHz	-37.75 dBm	-24.75 dB

Date: 26.JUL.2015 10:52:58

Highest Channel / 16QAM



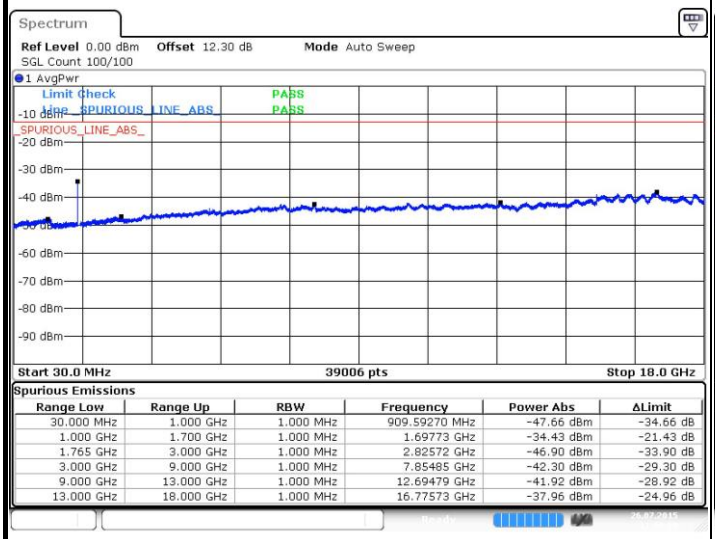
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-47.68 dBm	-34.68 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66099 GHz	-48.68 dBm	-35.68 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76521 GHz	-40.84 dBm	-27.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85885 GHz	-42.38 dBm	-29.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30709 GHz	-41.89 dBm	-28.89 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77989 GHz	-38.06 dBm	-25.06 dB

Date: 26.JUL.2015 10:53:53

LTE Band 4 / 15MHz

Lowest Channel / QPSK

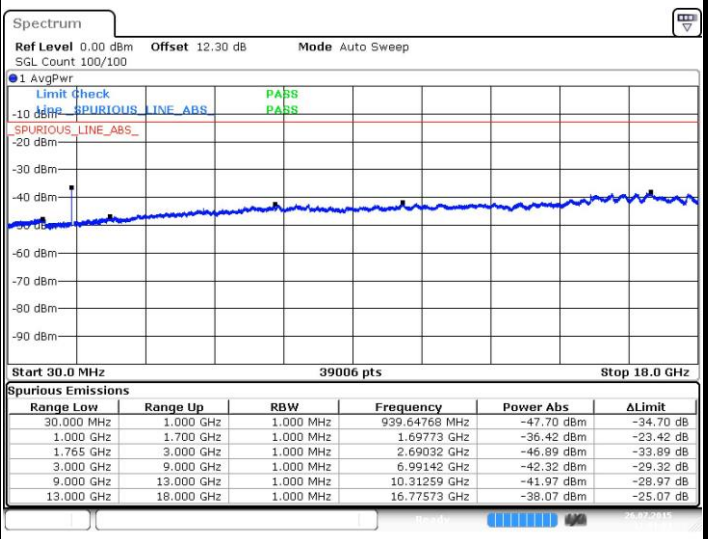


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-34.43 dBm	-21.43 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.82572 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85485 GHz	-42.30 dBm	-29.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69479 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77573 GHz	-37.96 dBm	-24.96 dB

Date: 26.JUL.2015 11:00:39

Lowest Channel / 16QAM

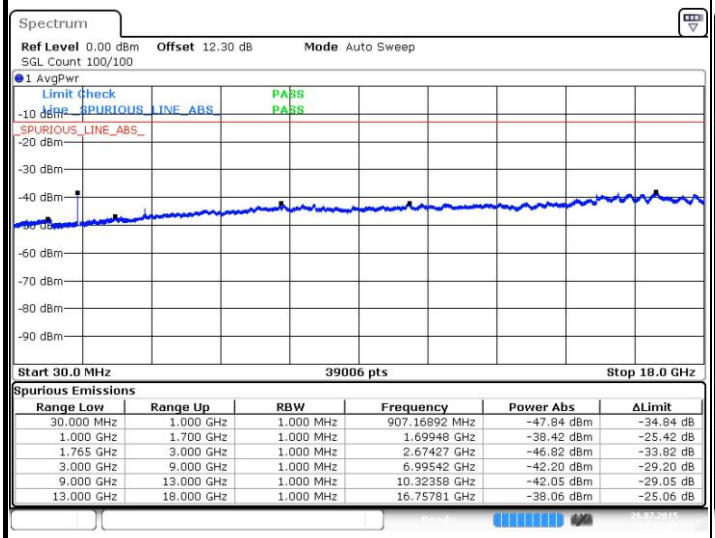


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-47.70 dBm	-34.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-36.42 dBm	-23.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69032 GHz	-46.89 dBm	-33.89 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-42.32 dBm	-29.32 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31259 GHz	-41.97 dBm	-28.97 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.77573 GHz	-38.07 dBm	-25.07 dB

Date: 26.JUL.2015 11:01:33

Middle Channel / QPSK

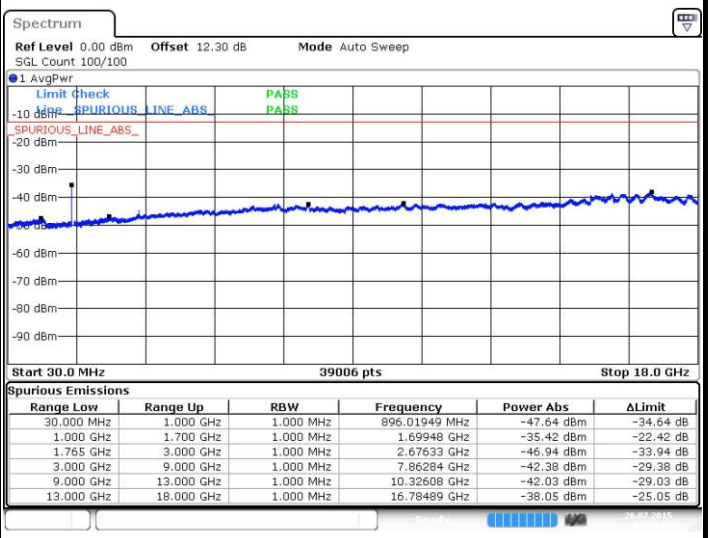


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-47.84 dBm	-34.84 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-38.42 dBm	-25.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67427 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-42.20 dBm	-29.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32358 GHz	-42.05 dBm	-29.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.75781 GHz	-38.06 dBm	-25.06 dB

Date: 26.JUL.2015 11:03:11

Middle Channel / 16QAM



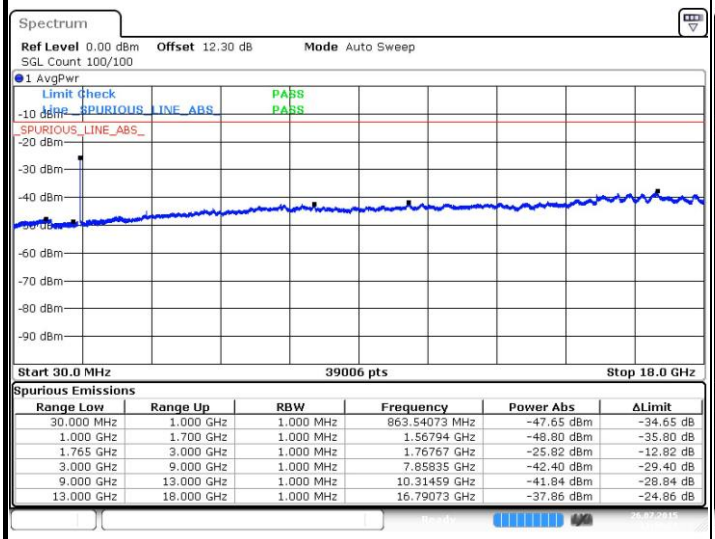
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-47.64 dBm	-34.64 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-35.42 dBm	-22.42 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67633 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86284 GHz	-42.38 dBm	-29.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32608 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78489 GHz	-38.05 dBm	-25.05 dB

Date: 26.JUL.2015 11:04:06

LTE Band 4 / 15MHz

Highest Channel / QPSK

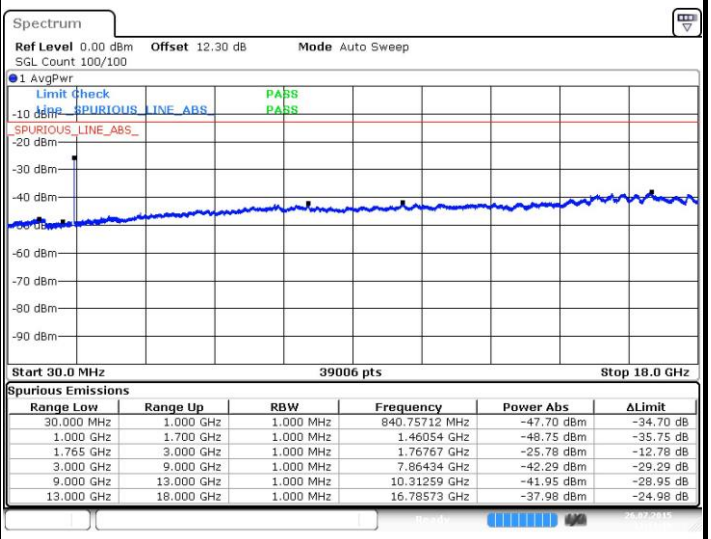


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.56794 GHz	-48.80 dBm	-35.80 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-25.82 dBm	-12.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.85835 GHz	-42.40 dBm	-29.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-41.84 dBm	-28.84 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.79073 GHz	-37.86 dBm	-24.86 dB

Date: 26.JUL.2015 11:10:21

Highest Channel / 16QAM



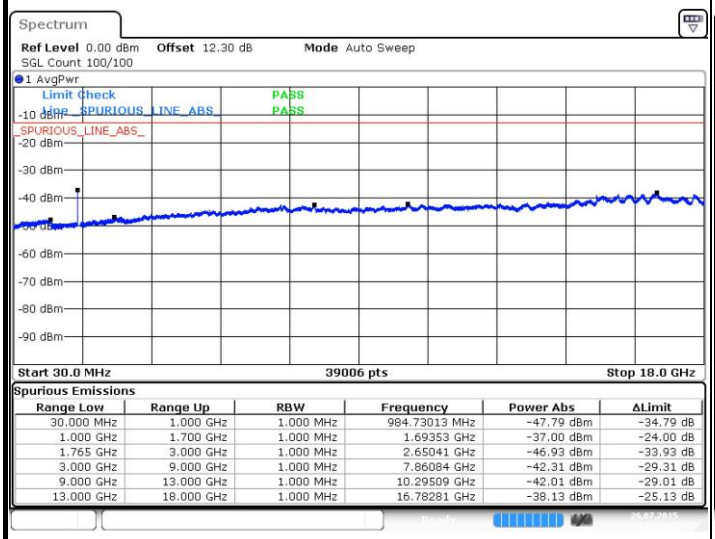
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	840.75712 MHz	-47.70 dBm	-34.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.46054 GHz	-48.75 dBm	-35.75 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-25.78 dBm	-12.78 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86434 GHz	-42.29 dBm	-29.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31259 GHz	-41.95 dBm	-28.95 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78573 GHz	-37.98 dBm	-24.98 dB

Date: 26.JUL.2015 11:11:16

LTE Band 4 / 20MHz

Lowest Channel / QPSK

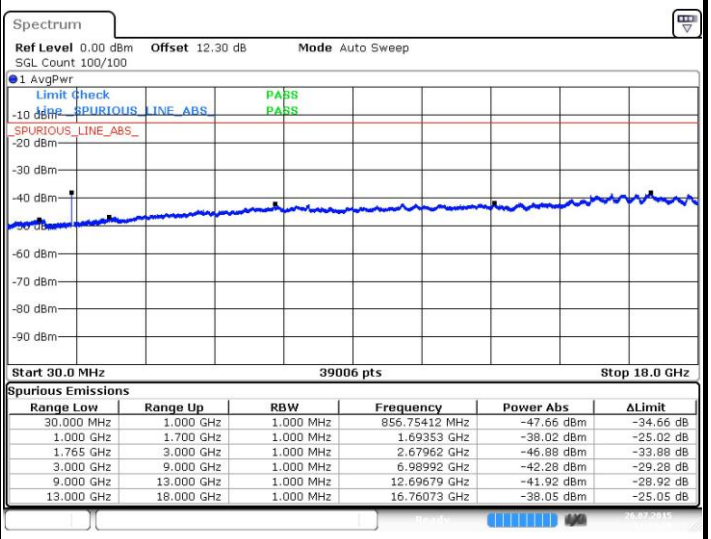


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-47.79 dBm	-34.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-37.00 dBm	-24.00 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.65041 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86084 GHz	-42.31 dBm	-29.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29509 GHz	-42.01 dBm	-29.01 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78281 GHz	-38.13 dBm	-25.13 dB

Date: 26.JUL.2015 11:18:25

Lowest Channel / 16QAM



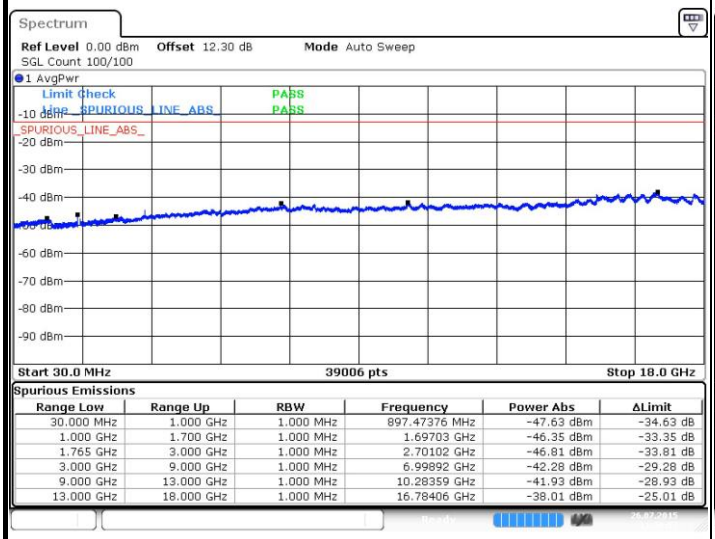
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.75412 MHz	-47.66 dBm	-34.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-38.02 dBm	-25.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.67962 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69679 GHz	-41.92 dBm	-28.92 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76073 GHz	-38.05 dBm	-25.05 dB

Date: 26.JUL.2015 11:19:20

LTE Band 4 / 20MHz

Middle Channel / QPSK

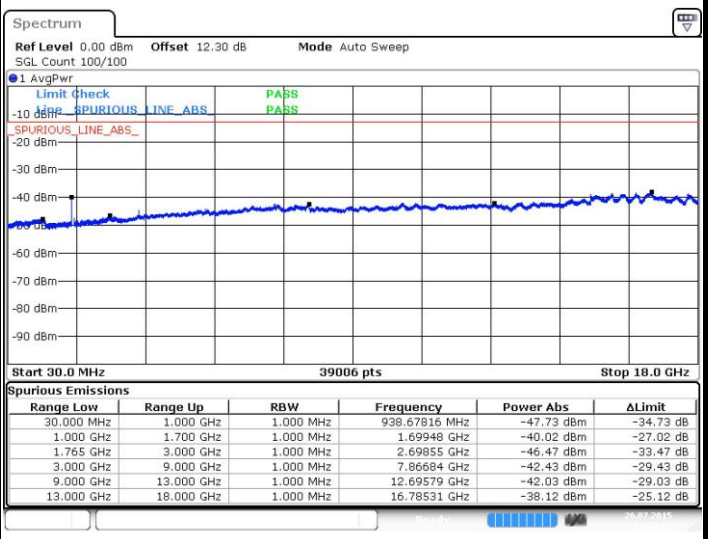


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-47.63 dBm	-34.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-46.35 dBm	-33.35 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.70102 GHz	-46.81 dBm	-33.81 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-42.28 dBm	-29.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28359 GHz	-41.93 dBm	-28.93 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78406 GHz	-38.01 dBm	-25.01 dB

Date: 26.JUL.2015 11:20:57

Middle Channel / 16QAM

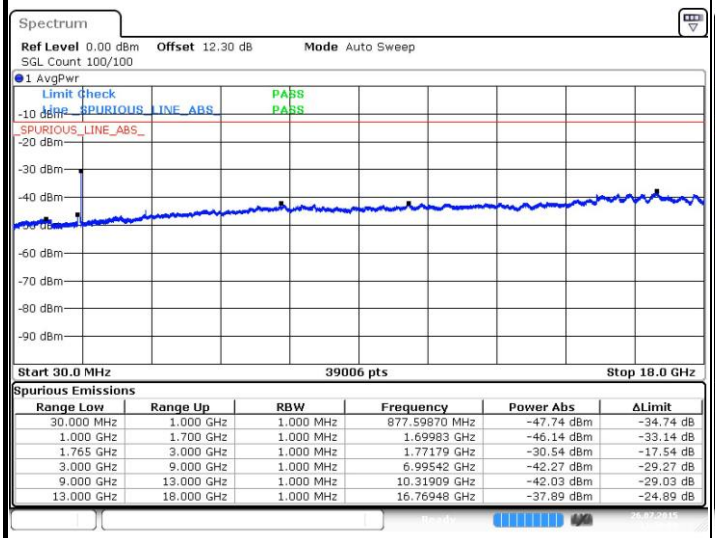


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-40.02 dBm	-27.02 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.69855 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.86684 GHz	-42.43 dBm	-29.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69579 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78531 GHz	-38.12 dBm	-25.12 dB

Date: 26.JUL.2015 11:21:52

Highest Channel / QPSK

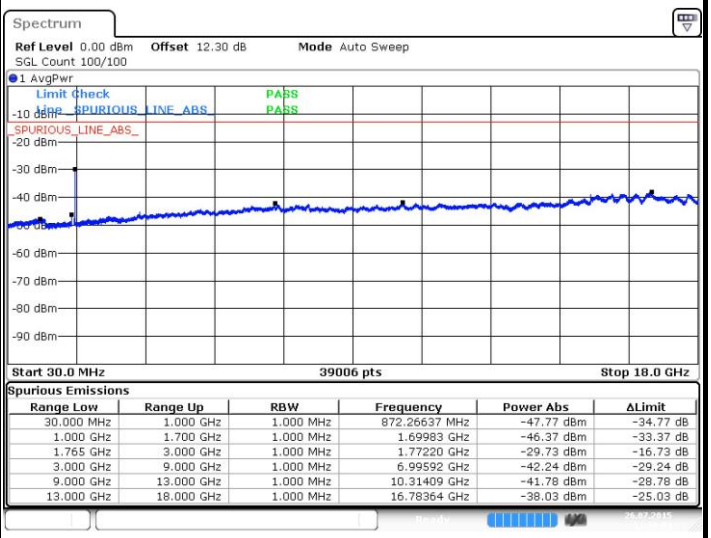


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-47.74 dBm	-34.74 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-46.14 dBm	-33.14 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-30.54 dBm	-17.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-42.27 dBm	-29.27 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-42.03 dBm	-29.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.76948 GHz	-37.89 dBm	-24.89 dB

Date: 26.JUL.2015 11:28:08

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.26637 MHz	-47.77 dBm	-34.77 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-46.37 dBm	-33.37 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-29.73 dBm	-16.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-42.24 dBm	-29.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31409 GHz	-41.78 dBm	-28.78 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.78364 GHz	-38.03 dBm	-25.03 dB

Date: 26.JUL.2015 11:29:02

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0091	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0109	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0107	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.85V. ；Battery End Point (BEP) = 3.6 V.；Maximum Voltage =4.35 V

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