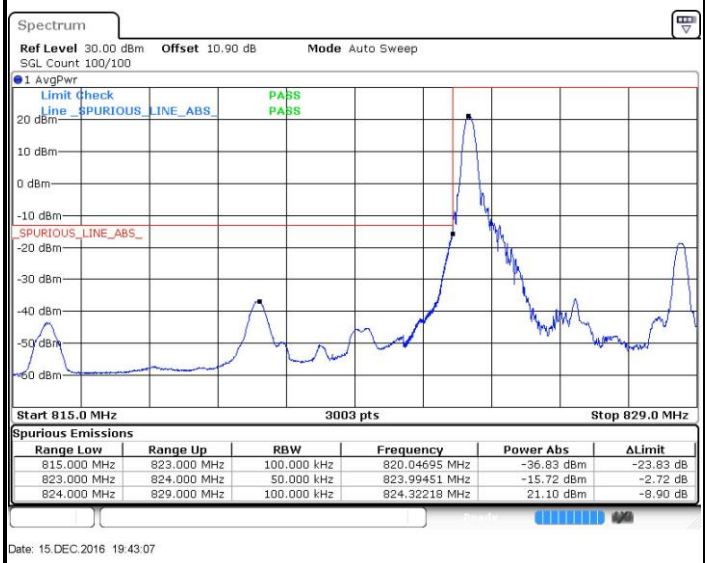
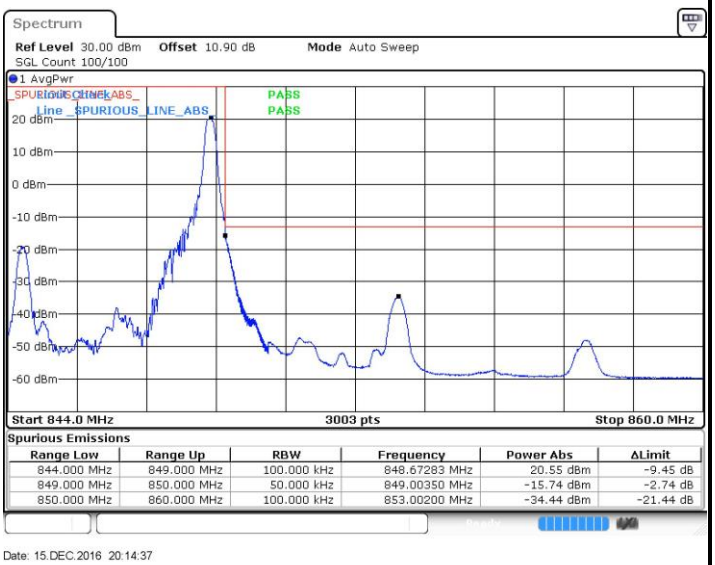
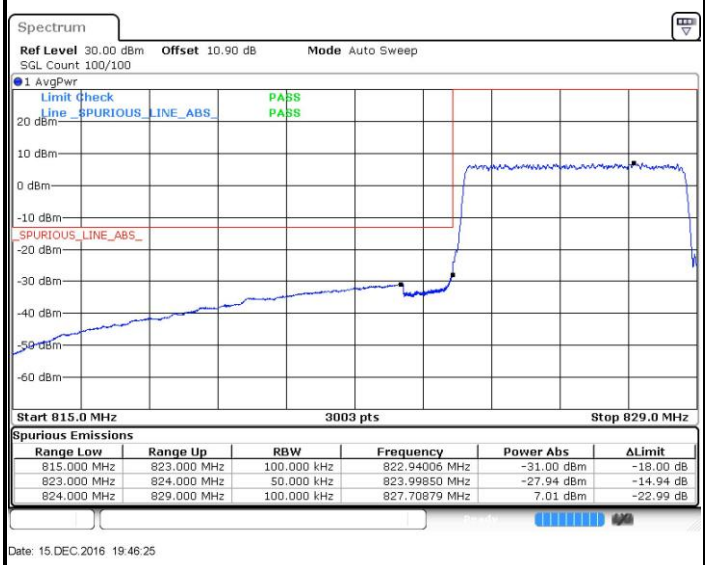
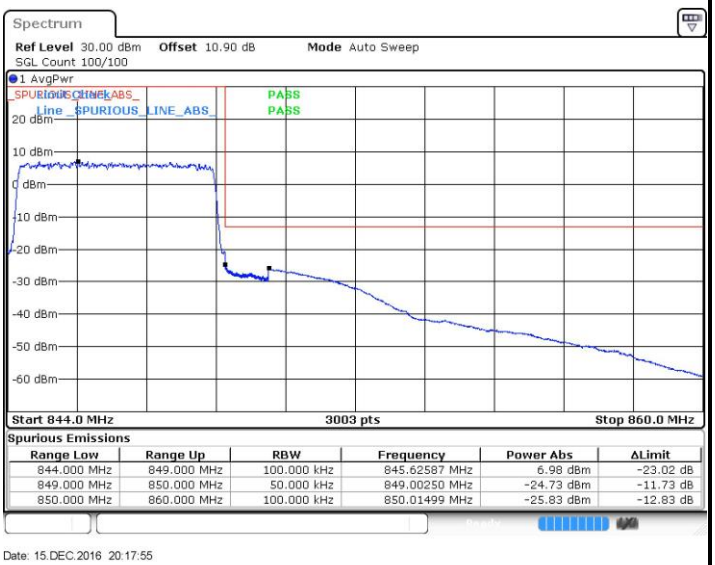
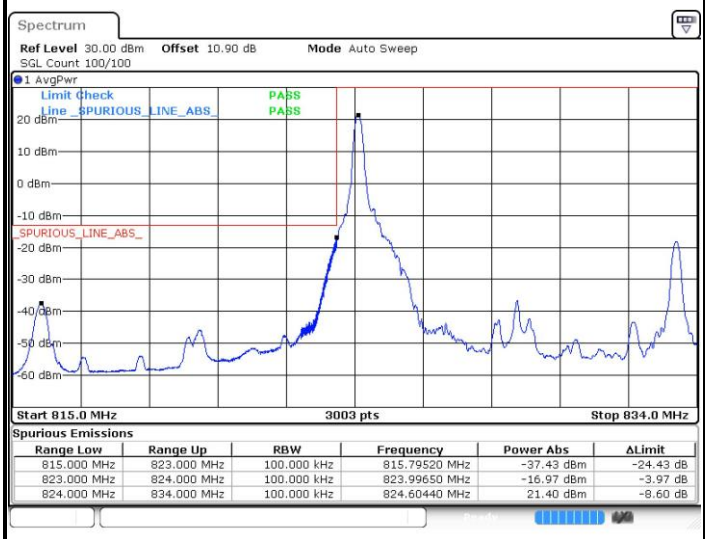
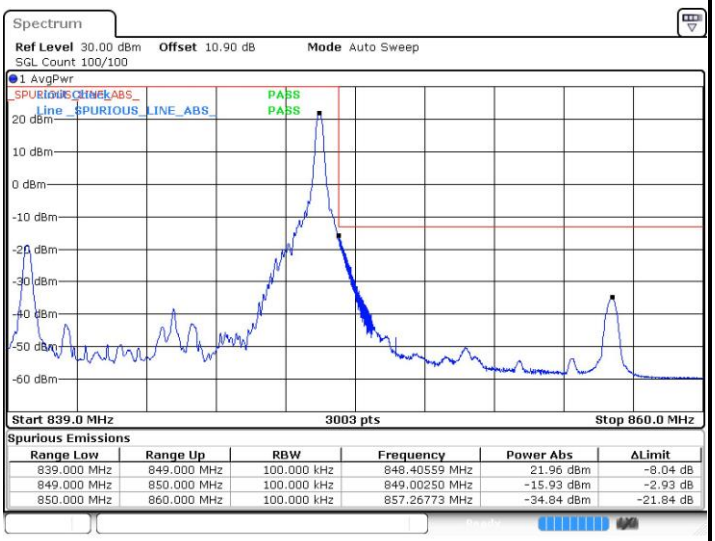
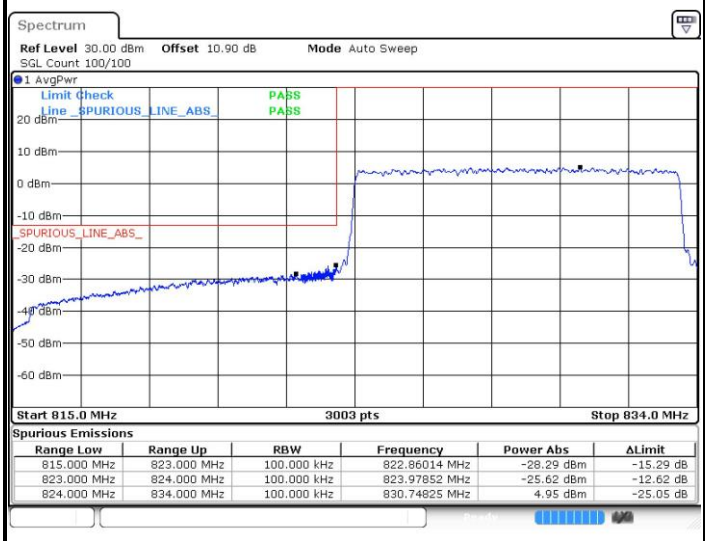
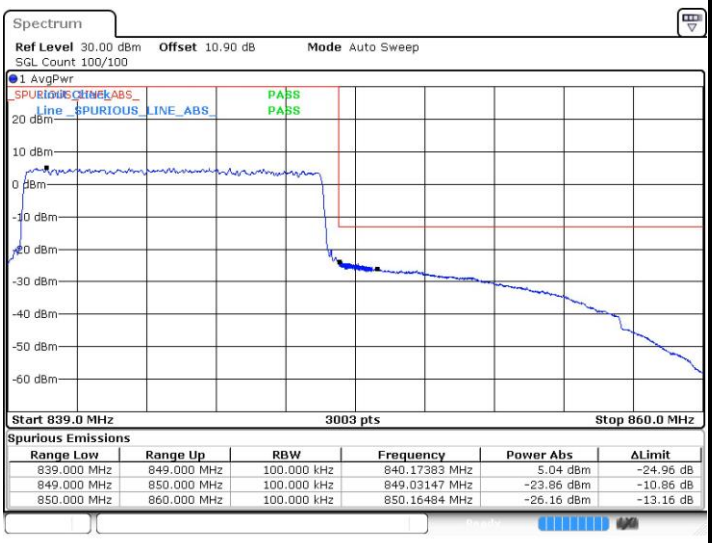
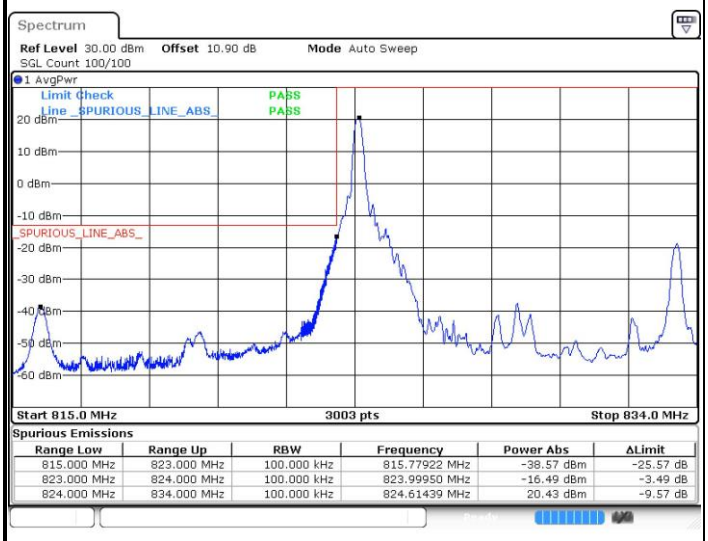
LTE Band 5 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 5 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

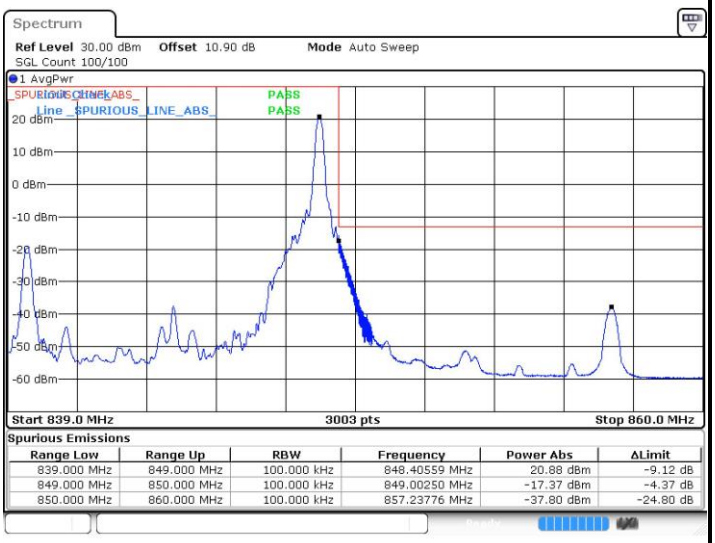


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	815.77922 MHz	-38.57 dBm	-25.57 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-16.49 dBm	-3.49 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	20.43 dBm	-9.57 dB

Date: 15.DEC.2016 20:23:43

Highest Band Edge / 1 RB

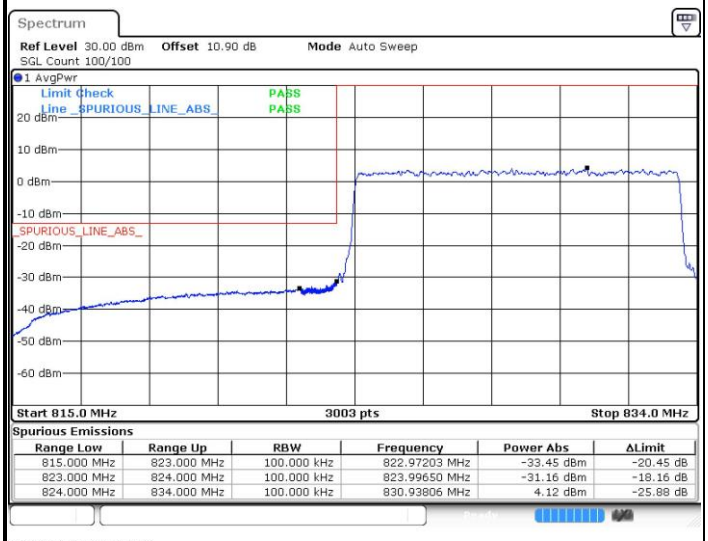


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.40559 MHz	20.88 dBm	-9.12 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-17.37 dBm	-4.37 dB
850.000 MHz	860.000 MHz	100.000 kHz	857.23776 MHz	-37.80 dBm	-24.80 dB

Date: 15.DEC.2016 20:35:19

Lowest Band Edge / Full RB

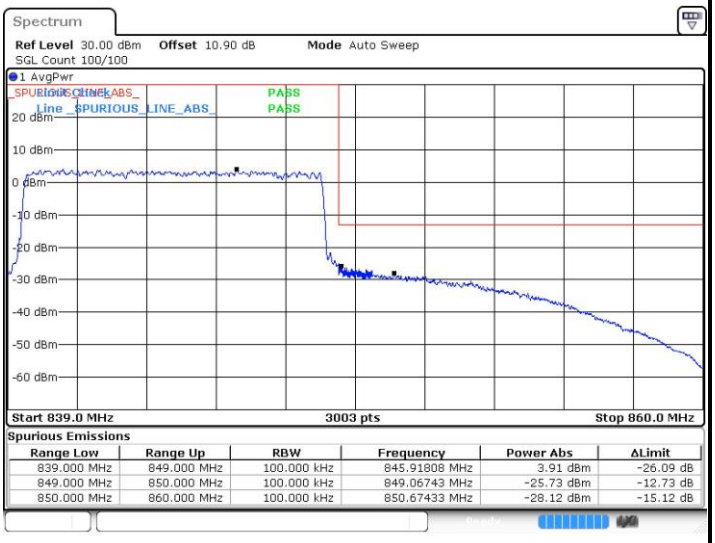


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-33.45 dBm	-20.45 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-31.16 dBm	-18.16 dB
824.000 MHz	834.000 MHz	100.000 kHz	830.93806 MHz	4.12 dBm	-25.88 dB

Date: 15.DEC.2016 20:27:01

Highest Band Edge / Full RB



Spurious Emissions

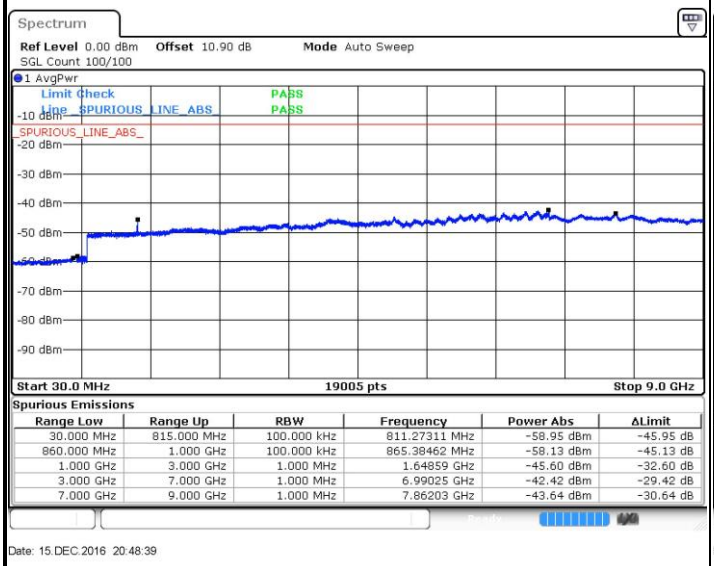
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	845.91808 MHz	3.91 dBm	-26.09 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.06743 MHz	-25.73 dBm	-12.73 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.67433 MHz	-28.12 dBm	-15.12 dB

Date: 15.DEC.2016 20:38:38

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

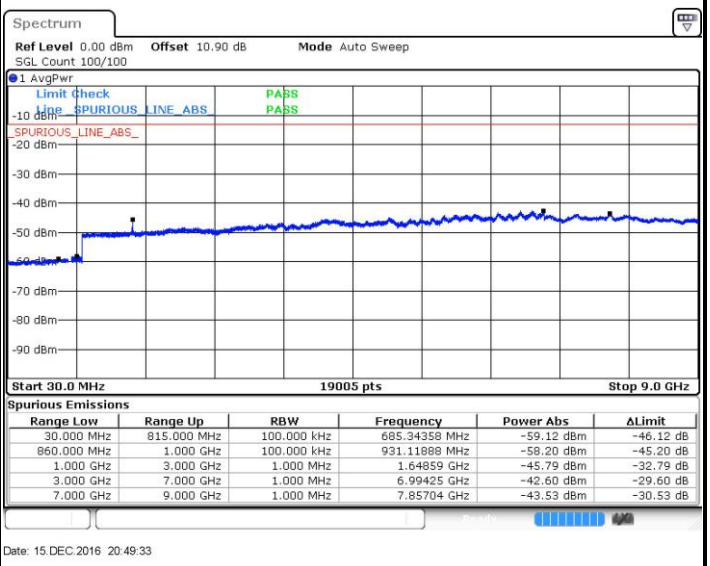


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-58.95 dBm	-45.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.38462 MHz	-58.13 dBm	-45.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.60 dBm	-32.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.42 dBm	-29.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-43.64 dBm	-30.64 dB

Date: 15.DEC.2016 20:48:39

Lowest Channel / 16QAM

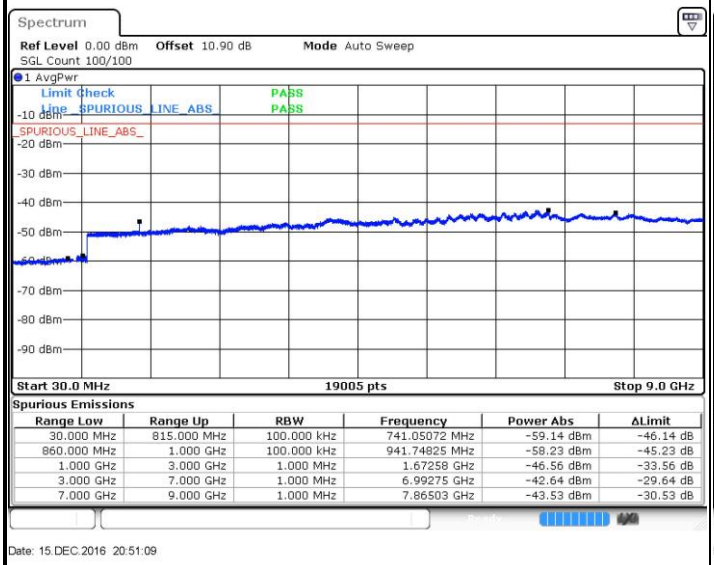


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	685.34358 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	931.11888 MHz	-58.20 dBm	-45.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-42.60 dBm	-29.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.53 dBm	-30.53 dB

Date: 15.DEC.2016 20:49:33

Middle Channel / QPSK

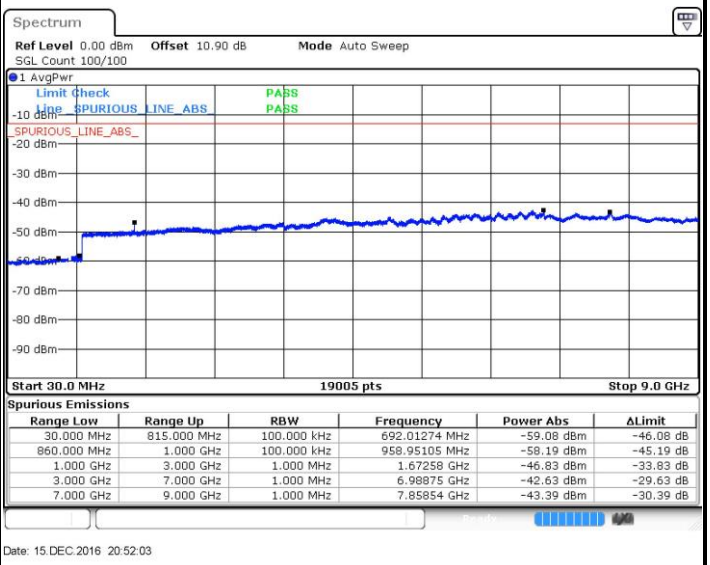


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	741.05072 MHz	-59.14 dBm	-46.14 dB
860.000 MHz	1.000 GHz	100.000 kHz	941.74825 MHz	-58.23 dBm	-45.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.56 dBm	-33.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.64 dBm	-29.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86503 GHz	-43.53 dBm	-30.53 dB

Date: 15.DEC.2016 20:51:09

Middle Channel / 16QAM



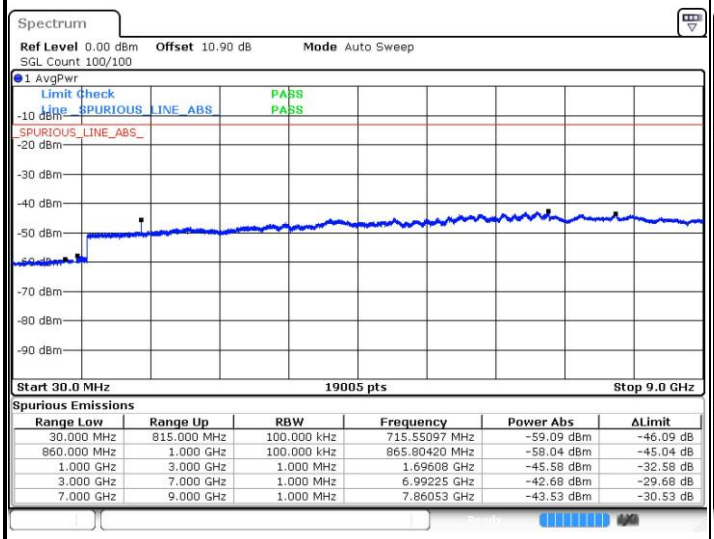
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	692.01274 MHz	-59.08 dBm	-46.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	958.95105 MHz	-58.19 dBm	-45.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-42.63 dBm	-29.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.39 dBm	-30.39 dB

Date: 15.DEC.2016 20:52:03

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

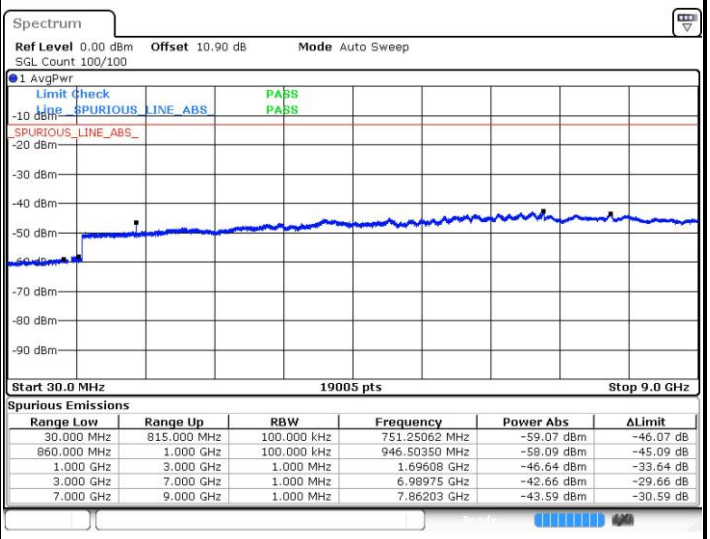


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	715.55097 MHz	-59.09 dBm	-46.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.80420 MHz	-58.04 dBm	-45.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.58 dBm	-32.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.68 dBm	-29.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.53 dBm	-30.53 dB

Date: 15.DEC.2016 21:00:15

Highest Channel / 16QAM



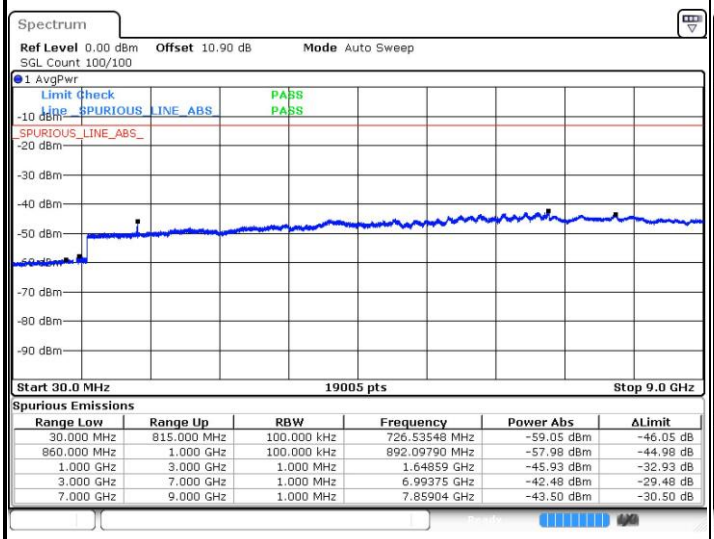
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	751.25062 MHz	-59.07 dBm	-46.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	946.50350 MHz	-58.09 dBm	-45.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.66 dBm	-29.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86203 GHz	-43.59 dBm	-30.59 dB

Date: 15.DEC.2016 21:01:09

LTE Band 5 / 3MHz

Lowest Channel / QPSK

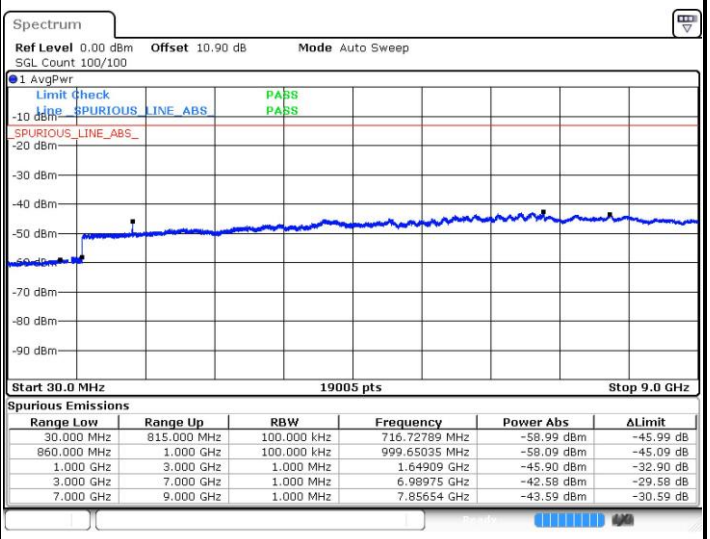


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	726.53548 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.09790 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-45.93 dBm	-32.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.48 dBm	-29.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.50 dBm	-30.50 dB

Date: 15.DEC.2016 19:26:37

Lowest Channel / 16QAM



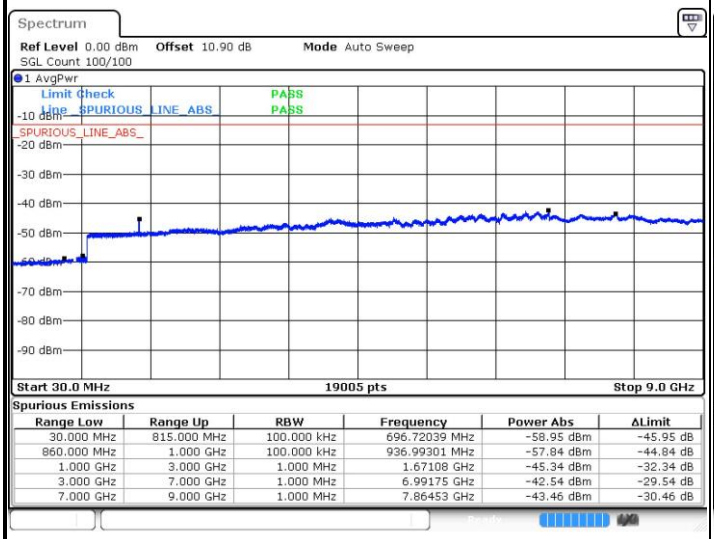
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	716.72789 MHz	-58.99 dBm	-45.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.65035 MHz	-58.09 dBm	-45.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.58 dBm	-29.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85654 GHz	-43.59 dBm	-30.59 dB

Date: 15.DEC.2016 19:27:32

LTE Band 5 / 3MHz

Middle Channel / QPSK

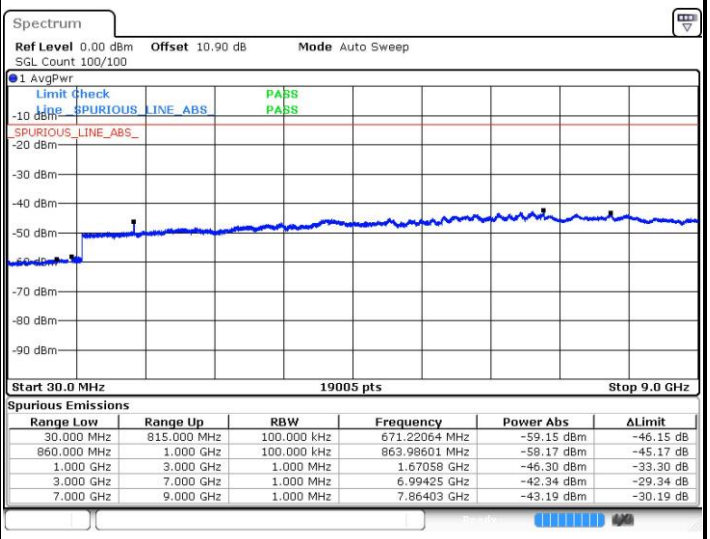


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	696.72039 MHz	-58.95 dBm	-45.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	936.99301 MHz	-57.84 dBm	-44.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-45.34 dBm	-32.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.54 dBm	-29.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86453 GHz	-43.46 dBm	-30.46 dB

Date: 15.DEC.2016 19:29:07

Middle Channel / 16QAM

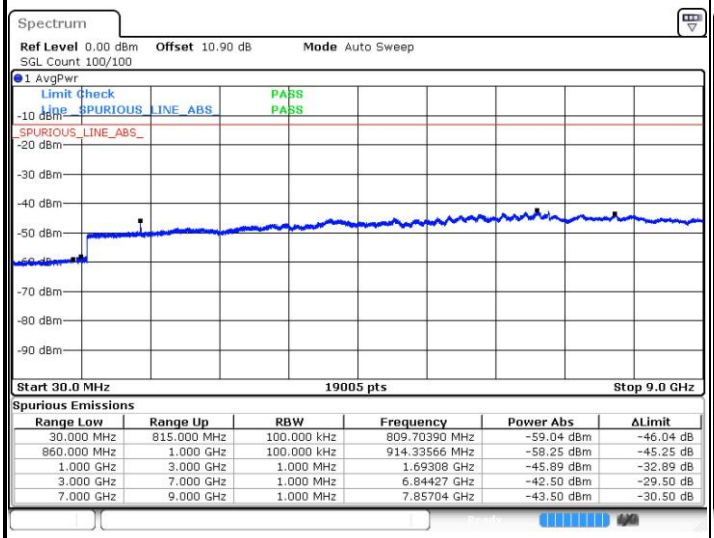


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	671.22064 MHz	-59.15 dBm	-46.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	863.98601 MHz	-58.17 dBm	-45.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.30 dBm	-33.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-42.34 dBm	-29.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86403 GHz	-43.19 dBm	-30.19 dB

Date: 15.DEC.2016 19:30:01

Highest Channel / QPSK

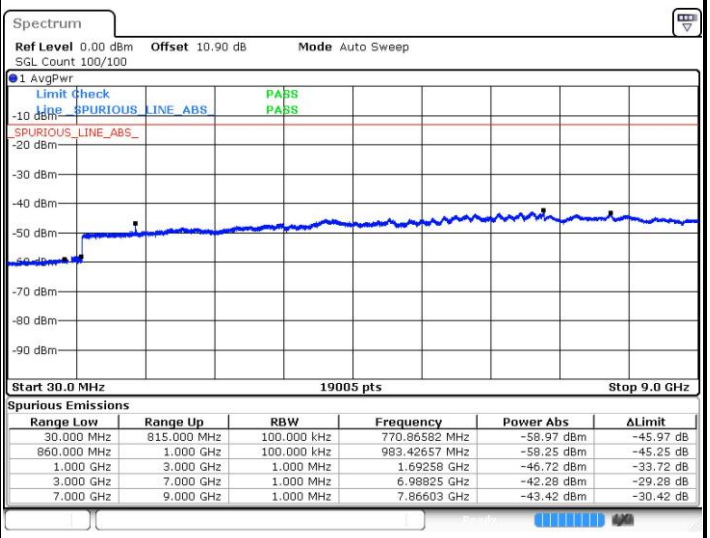


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.70390 MHz	-59.04 dBm	-46.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	914.33566 MHz	-58.25 dBm	-45.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-45.89 dBm	-32.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84427 GHz	-42.50 dBm	-29.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-43.50 dBm	-30.50 dB

Date: 15.DEC.2016 19:38:13

Highest Channel / 16QAM



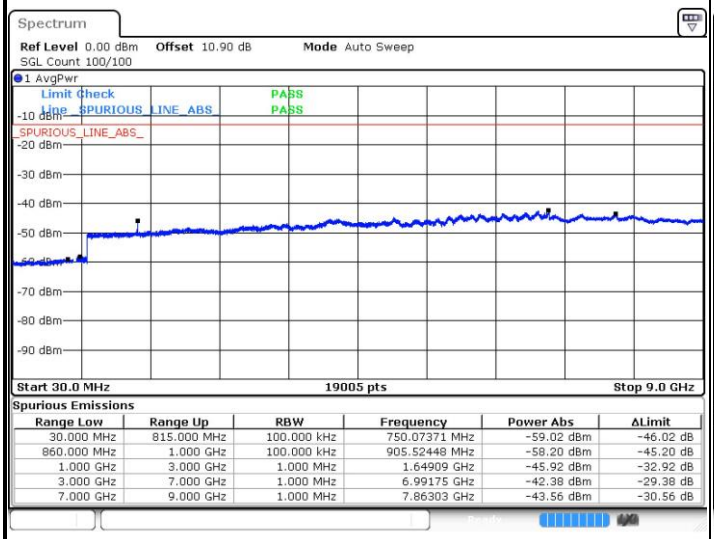
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	770.86582 MHz	-58.97 dBm	-45.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	983.42657 MHz	-58.25 dBm	-45.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-42.28 dBm	-29.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86603 GHz	-43.42 dBm	-30.42 dB

Date: 15.DEC.2016 19:39:08

LTE Band 5 / 5MHz

Lowest Channel / QPSK

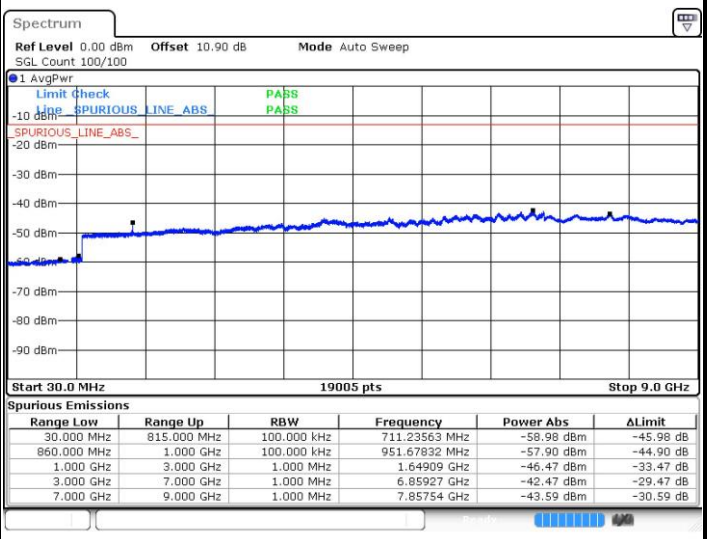


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	750.07371 MHz	-59.02 dBm	-46.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	905.52448 MHz	-58.20 dBm	-45.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.92 dBm	-32.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.38 dBm	-29.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86303 GHz	-43.56 dBm	-30.56 dB

Date: 15.DEC.2016 19:47:20

Lowest Channel / 16QAM

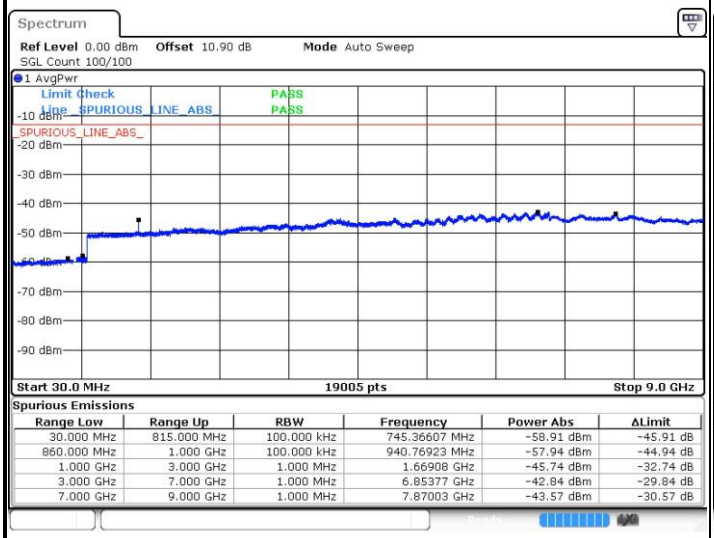


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	711.23563 MHz	-58.98 dBm	-45.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.67832 MHz	-57.90 dBm	-44.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-42.47 dBm	-29.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.59 dBm	-30.59 dB

Date: 15.DEC.2016 19:48:14

Middle Channel / QPSK

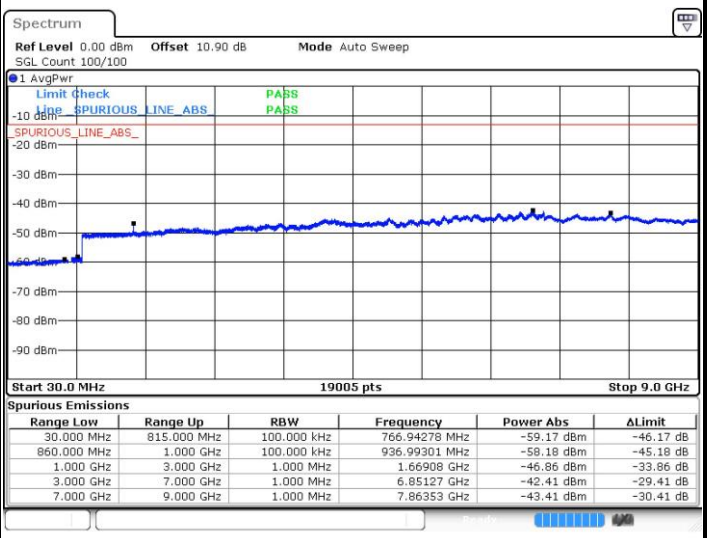


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	745.36607 MHz	-58.91 dBm	-45.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	940.76923 MHz	-57.94 dBm	-44.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85377 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87003 GHz	-43.57 dBm	-30.57 dB

Date: 15.DEC.2016 19:49:49

Middle Channel / 16QAM



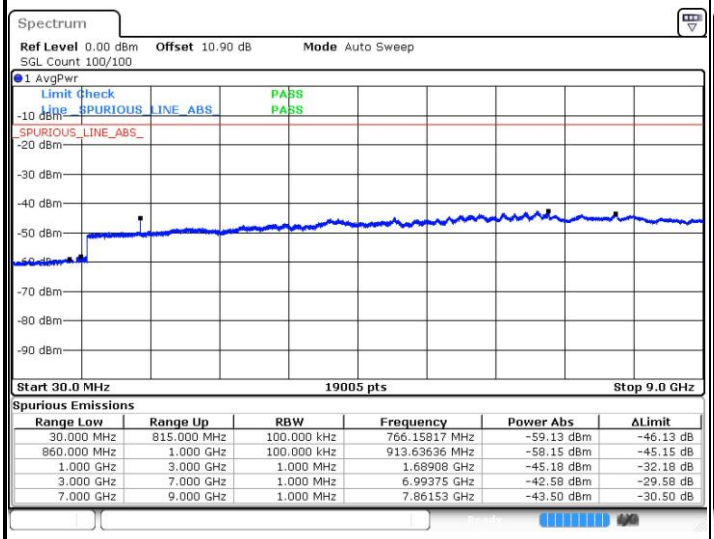
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	766.94278 MHz	-59.17 dBm	-46.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	936.99301 MHz	-58.18 dBm	-45.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85127 GHz	-42.41 dBm	-29.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86353 GHz	-43.41 dBm	-30.41 dB

Date: 15.DEC.2016 19:50:44

LTE Band 5 / 5MHz

Highest Channel / QPSK

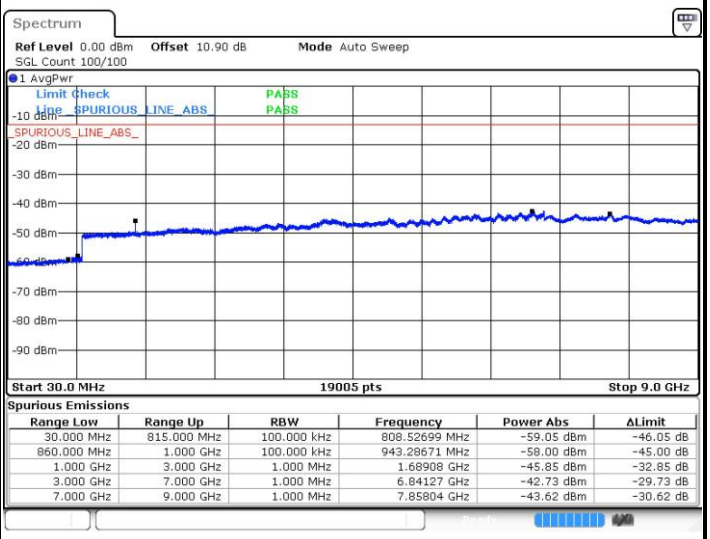


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	766.15817 MHz	-59.13 dBm	-46.13 dB
860.000 MHz	1.000 GHz	100.000 kHz	913.63636 MHz	-58.15 dBm	-45.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.18 dBm	-32.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-42.58 dBm	-29.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.50 dBm	-30.50 dB

Date: 15.DEC.2016 20:18:50

Highest Channel / 16QAM



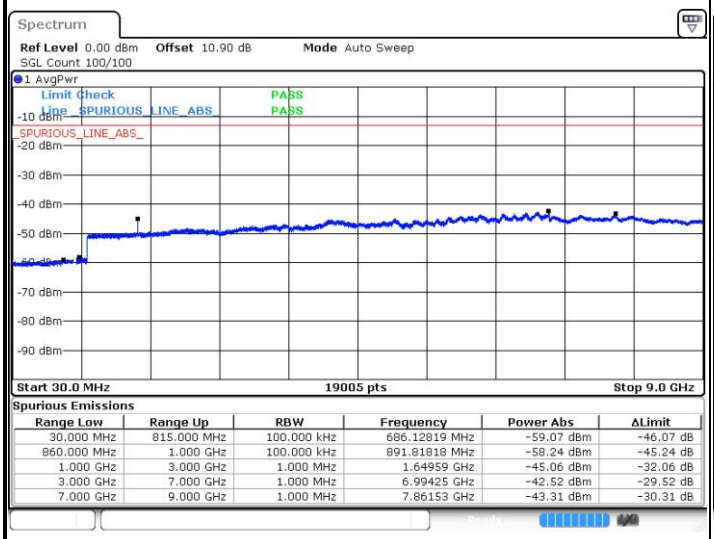
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.52699 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.28671 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84127 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-43.62 dBm	-30.62 dB

Date: 15.DEC.2016 20:19:44

LTE Band 5 / 10MHz

Lowest Channel / QPSK

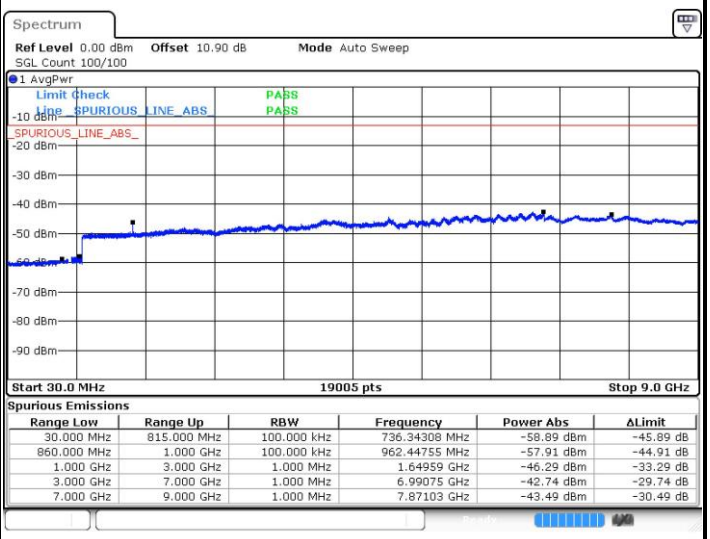


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	686.12819 MHz	-59.07 dBm	-46.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.81818 MHz	-58.24 dBm	-45.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.06 dBm	-32.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-42.52 dBm	-29.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86153 GHz	-43.31 dBm	-30.31 dB

Date: 15.DEC.2016 20:27:56

Lowest Channel / 16QAM



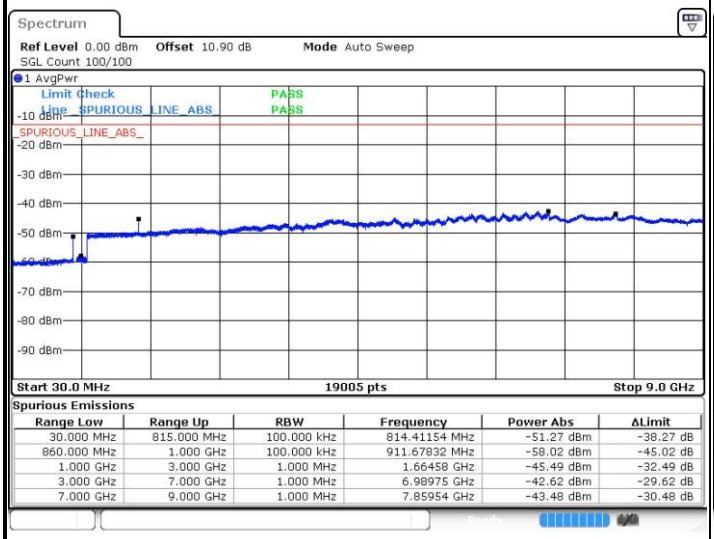
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	736.34308 MHz	-58.89 dBm	-45.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.44755 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.29 dBm	-33.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-42.74 dBm	-29.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87103 GHz	-43.49 dBm	-30.49 dB

Date: 15.DEC.2016 20:28:50

LTE Band 5 / 10MHz

Middle Channel / QPSK

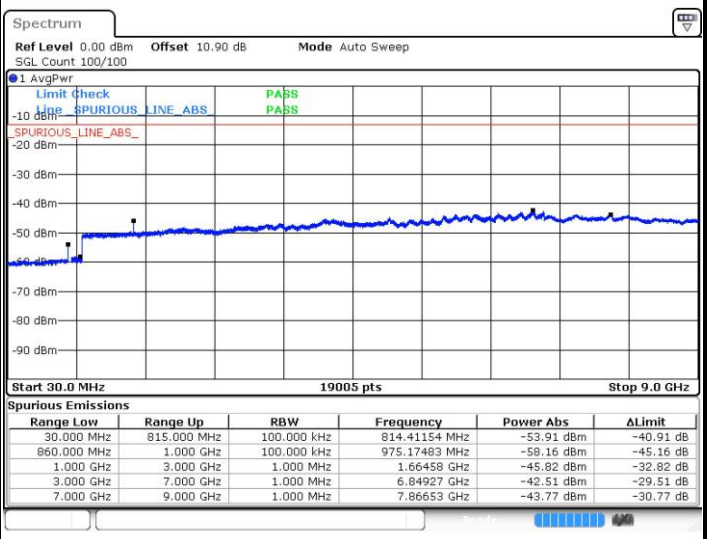


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-51.27 dBm	-38.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	911.67832 MHz	-58.02 dBm	-45.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.49 dBm	-32.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.62 dBm	-29.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.48 dBm	-30.48 dB

Date: 15.DEC.2016 20:30:26

Middle Channel / 16QAM

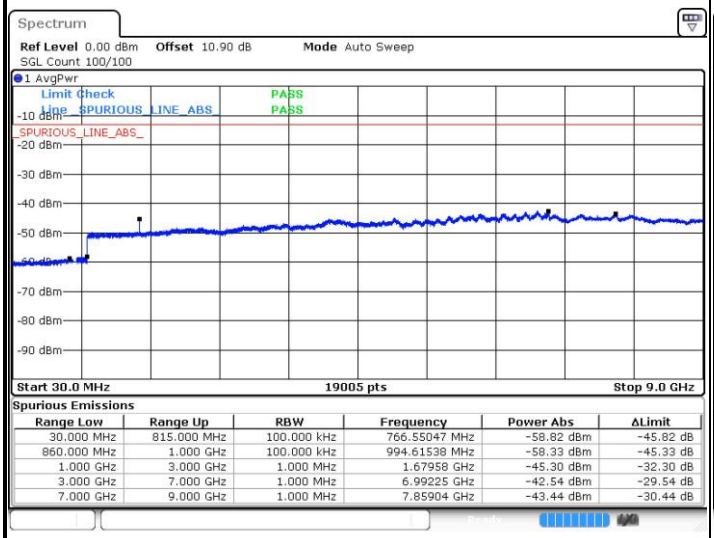


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-53.91 dBm	-40.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	975.17483 MHz	-58.16 dBm	-45.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84927 GHz	-42.51 dBm	-29.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86653 GHz	-43.77 dBm	-30.77 dB

Date: 15.DEC.2016 20:31:20

Highest Channel / QPSK

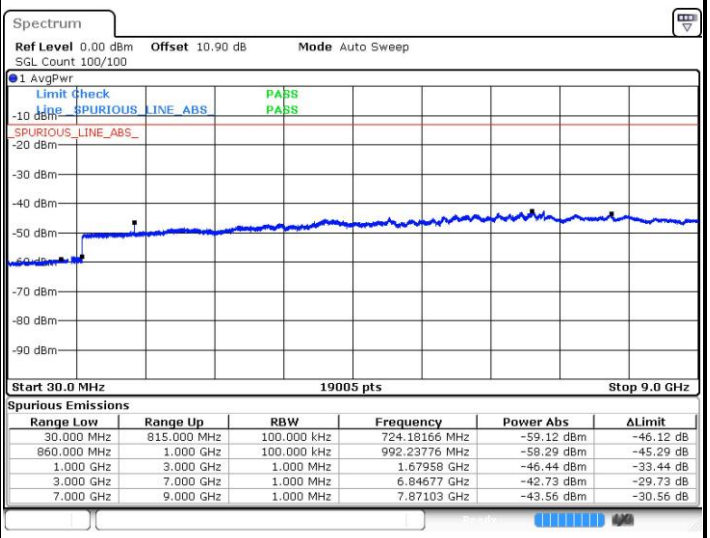


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	766.55047 MHz	-58.82 dBm	-45.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.61538 MHz	-58.33 dBm	-45.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.30 dBm	-32.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.54 dBm	-29.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85904 GHz	-43.44 dBm	-30.44 dB

Date: 15.DEC.2016 20:39:32

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	724.18166 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.23776 MHz	-58.29 dBm	-45.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.44 dBm	-33.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84677 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.87103 GHz	-43.56 dBm	-30.56 dB

Date: 15.DEC.2016 20:40:27

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0837	PASS
40	Normal Voltage	0.0838	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0839	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0824	
-30	Normal Voltage	0.0826	
20	Maximum Voltage	0.0836	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

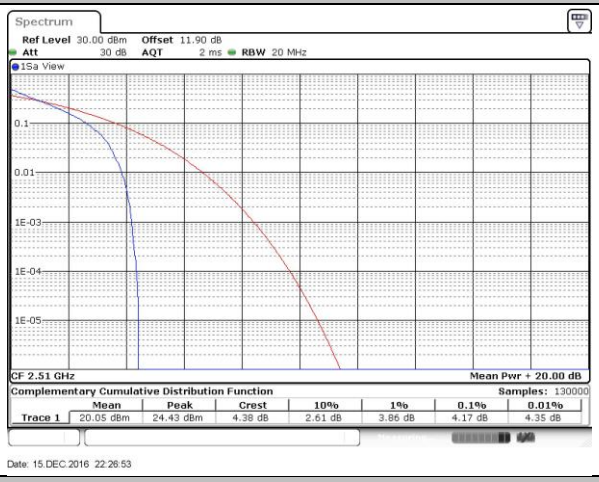
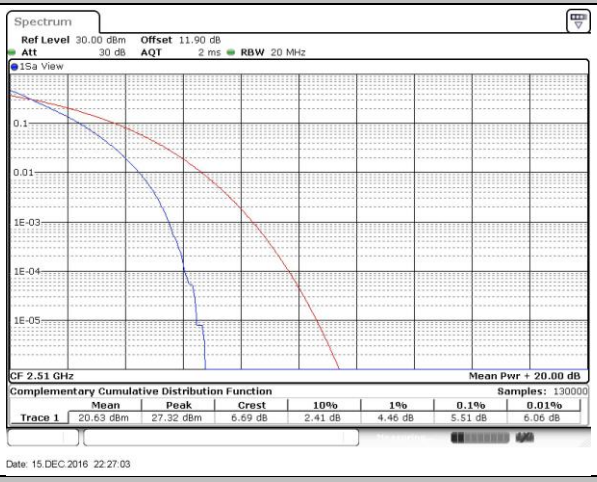
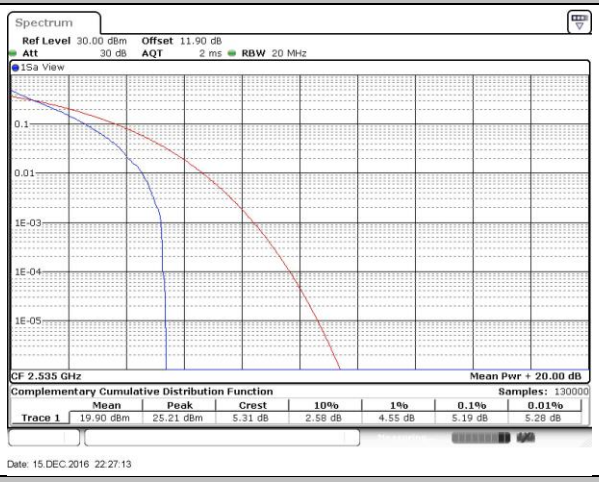
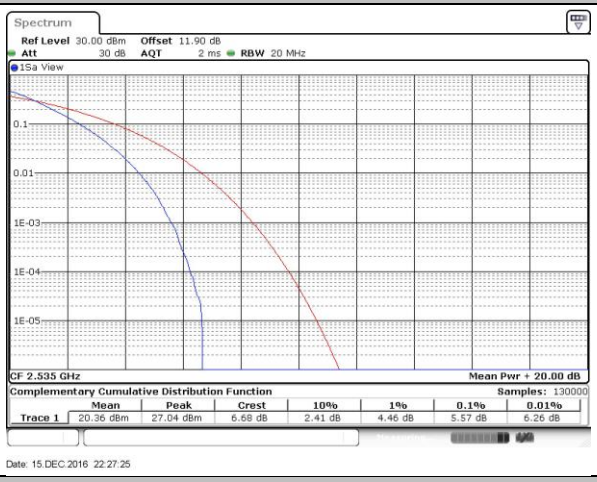
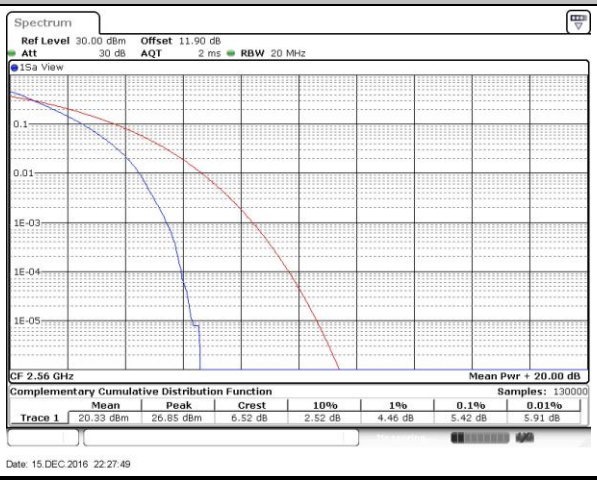
Note:

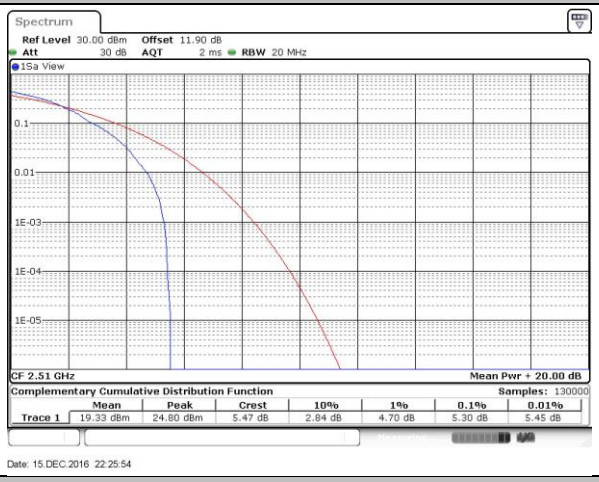
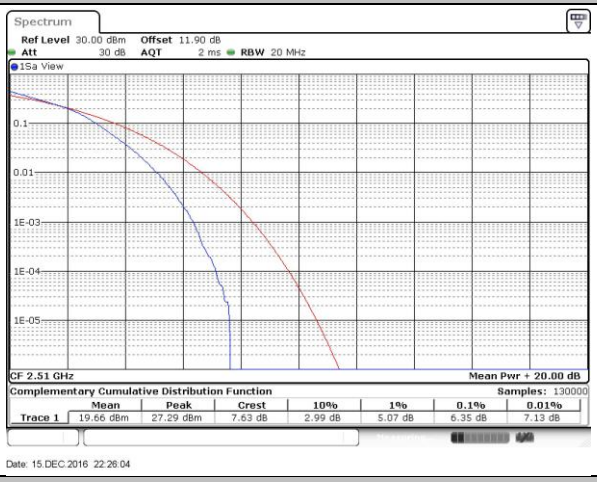
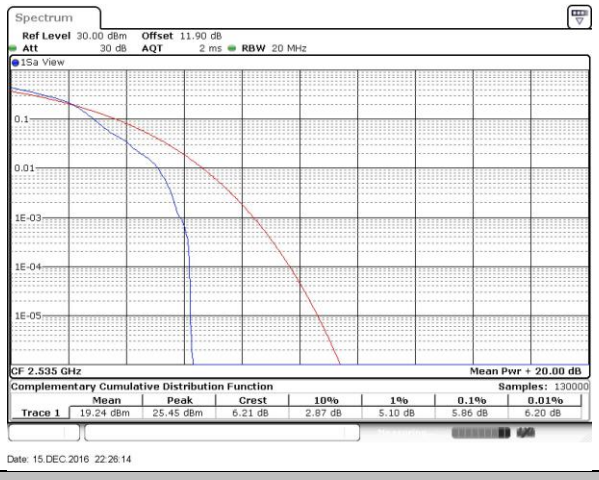
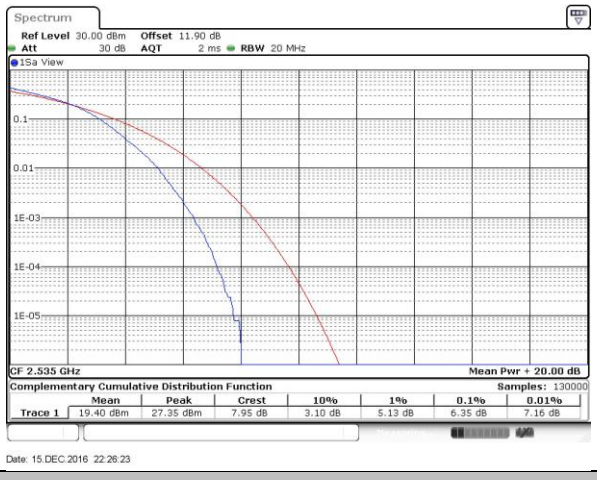
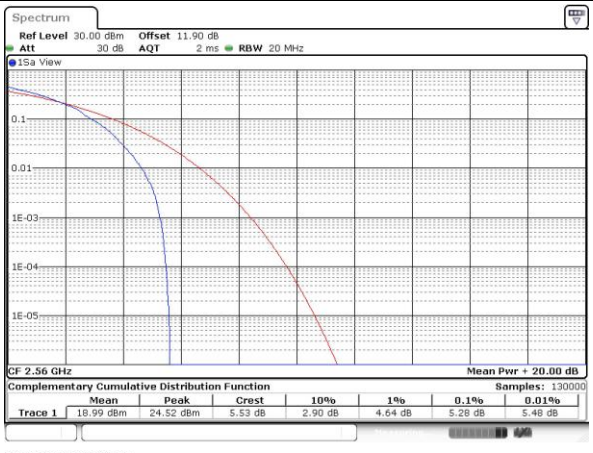
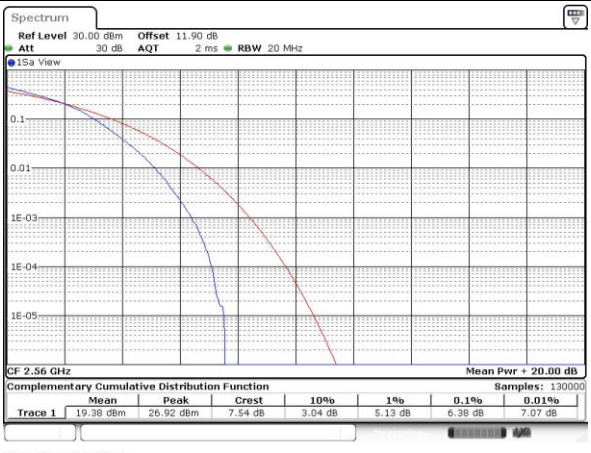
1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.17	5.51	5.3	6.35	PASS
Middle CH	5.19	5.57	5.86	6.35	
Highest CH	4.23	5.42	5.28	6.38	

LTE Band 7 / 20MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

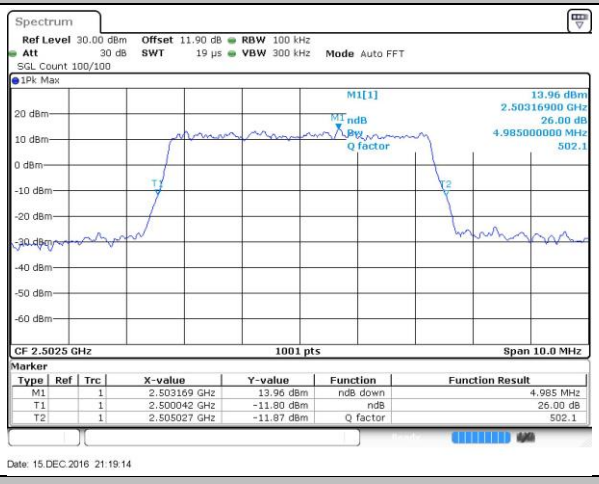
LTE Band 7 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

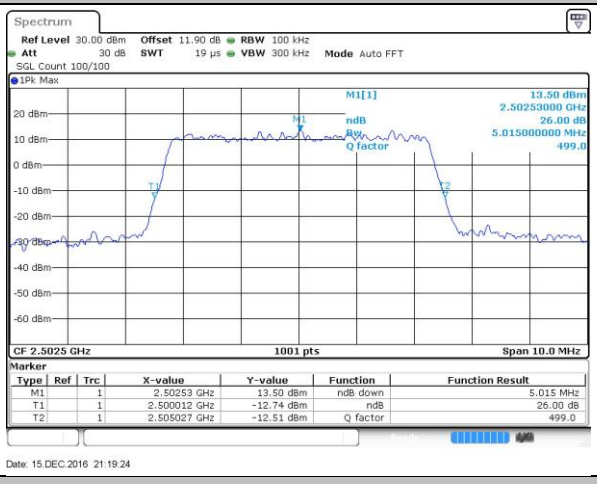
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.985	5.015	9.95	10.01	14.625	14.476	20.1	20.14
Middle CH	-	-	-	-	4.935	4.975	9.79	9.77	14.386	14.416	20.22	20.18
Highest CH	-	-	-	-	4.905	4.975	9.89	9.81	14.775	14.356	20.38	20.34

LTE Band 7

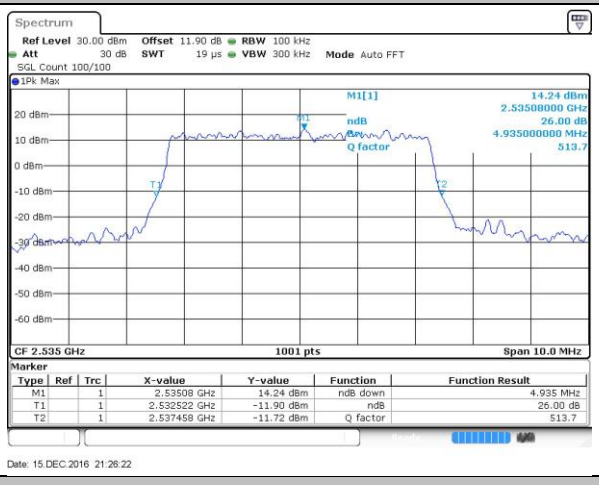
Lowest Channel / 5MHz / QPSK



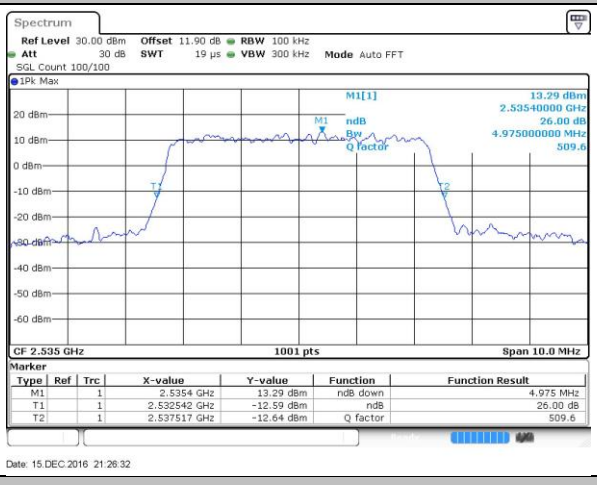
Lowest Channel / 5MHz / 16QAM



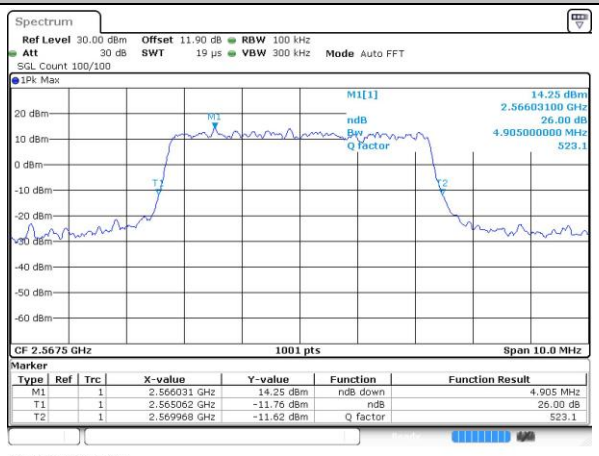
Middle Channel / 5MHz / QPSK



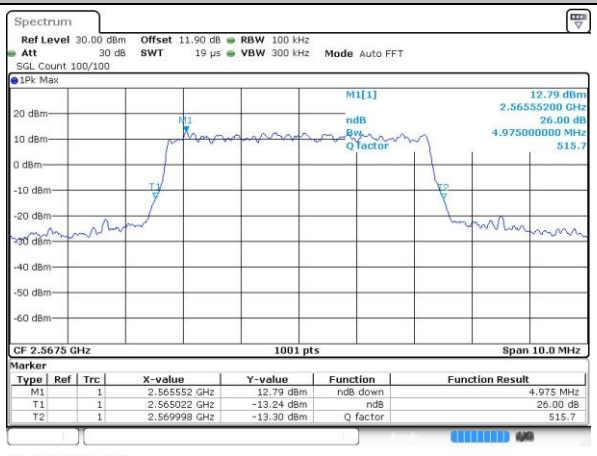
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

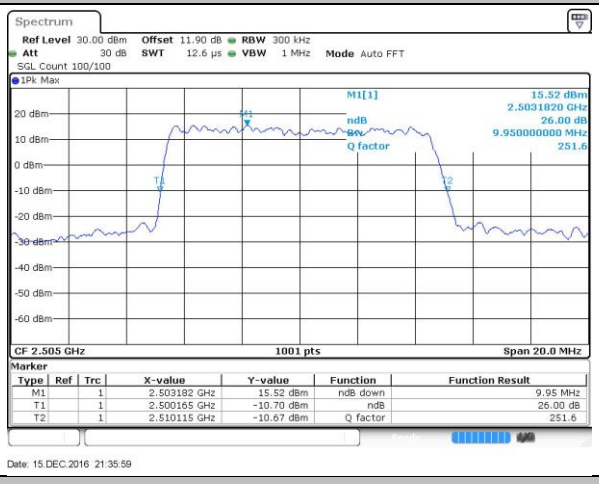


Highest Channel / 5MHz / 16QAM

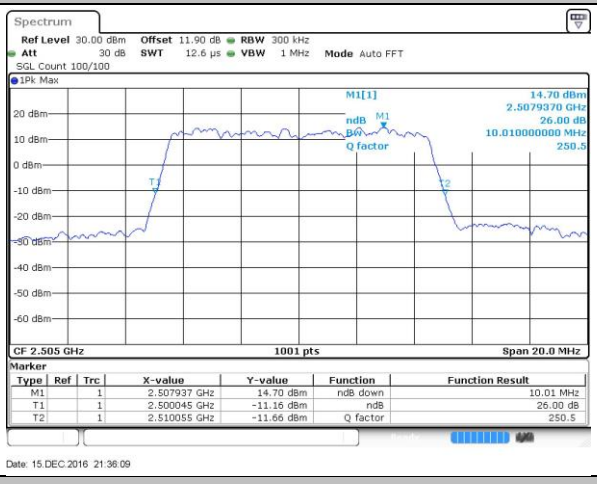


LTE Band 7

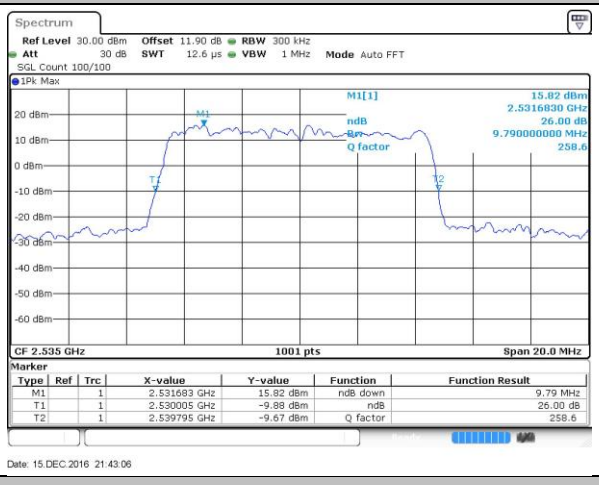
Lowest Channel / 10MHz / QPSK



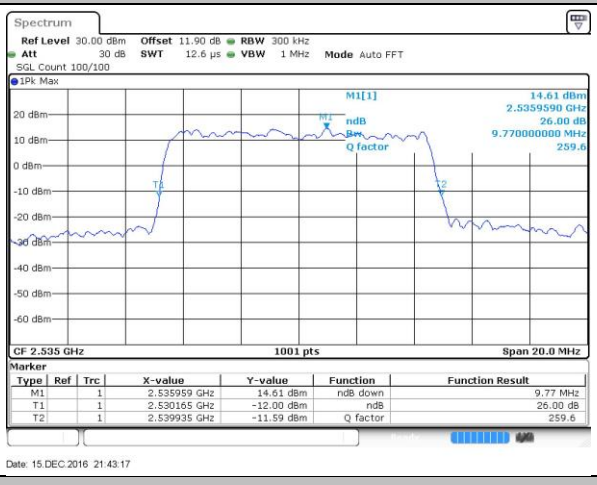
Lowest Channel / 10MHz / 16QAM



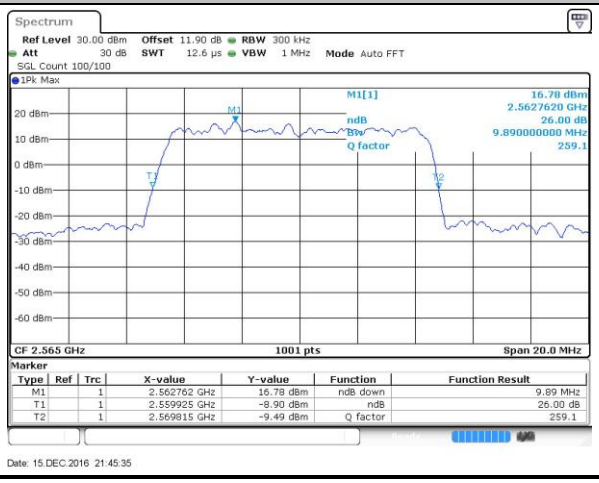
Middle Channel / 10MHz / QPSK



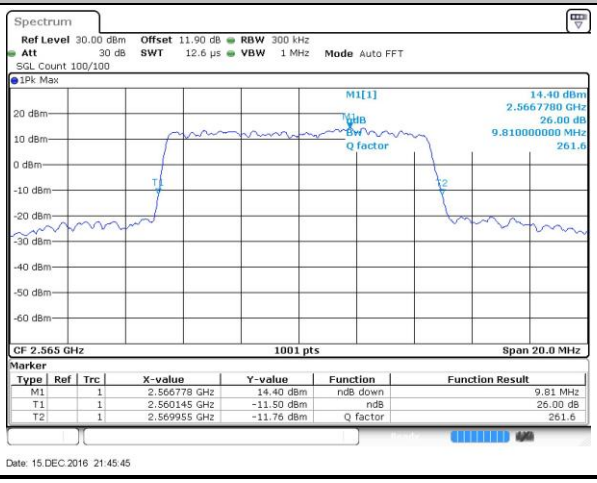
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

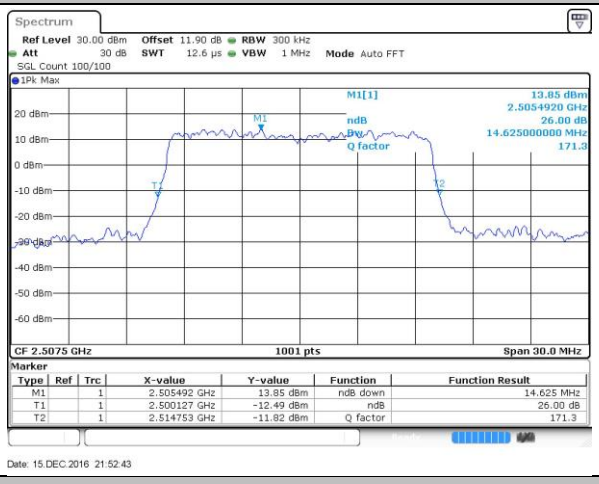


Highest Channel / 10MHz / 16QAM

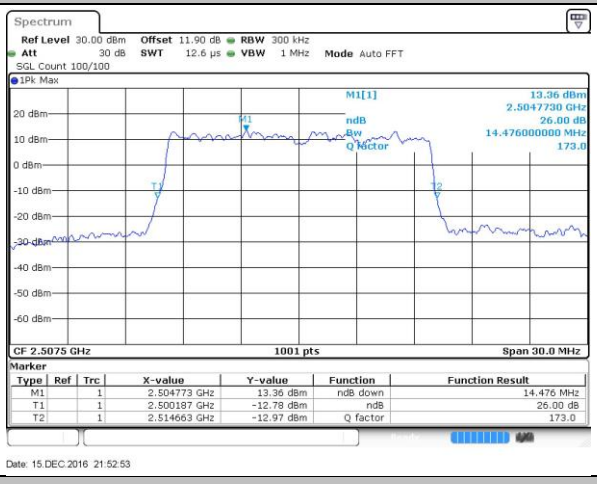


LTE Band 7

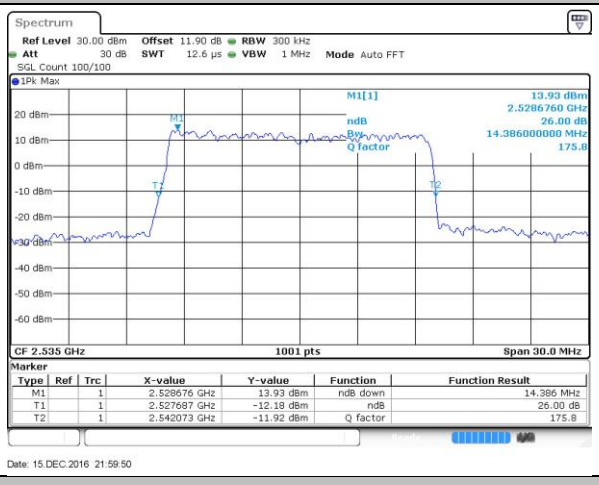
Lowest Channel / 15MHz / QPSK



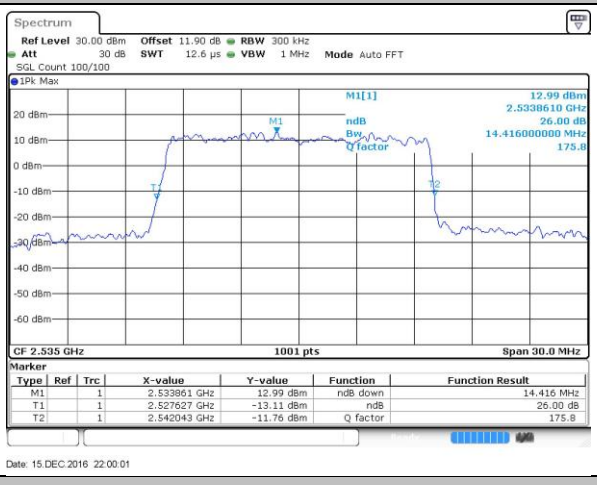
Lowest Channel / 15MHz / 16QAM



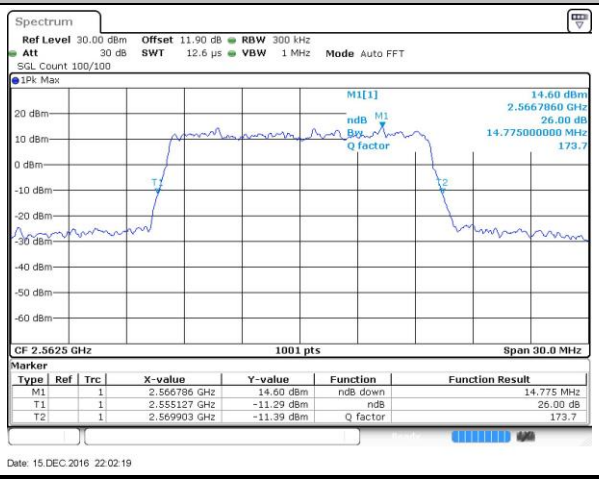
Middle Channel / 15MHz / QPSK



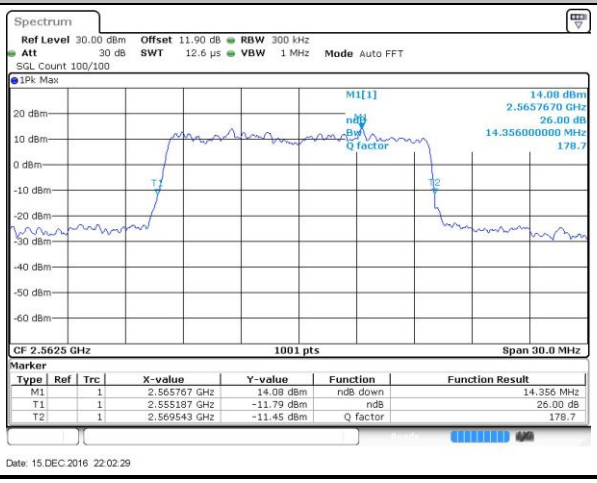
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

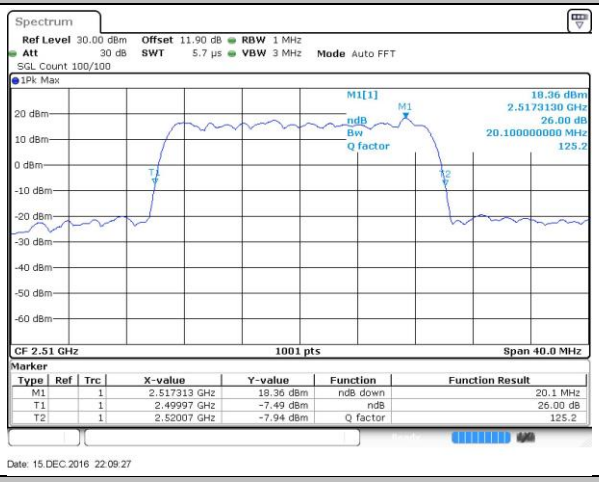


Highest Channel / 15MHz / 16QAM

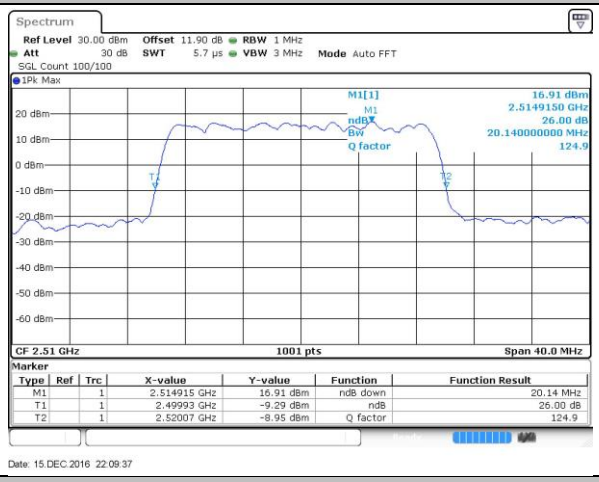


LTE Band 7

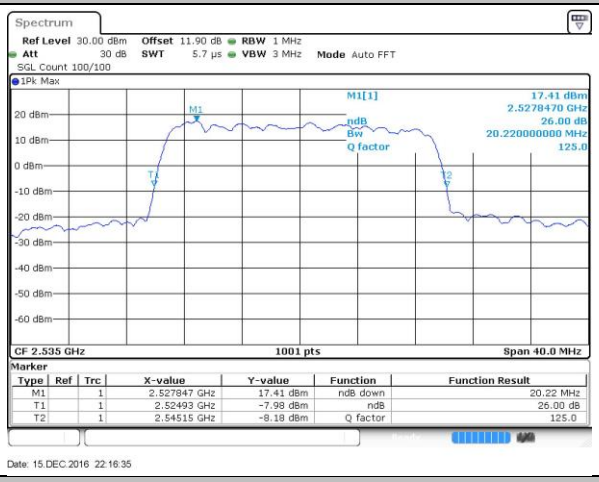
Lowest Channel / 20MHz / QPSK



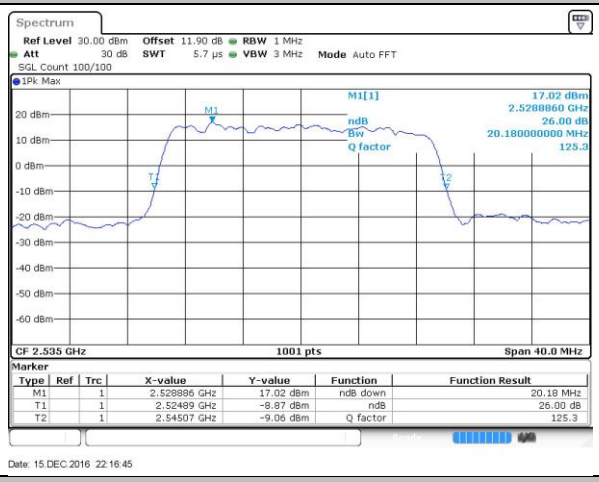
Lowest Channel / 20MHz / 16QAM



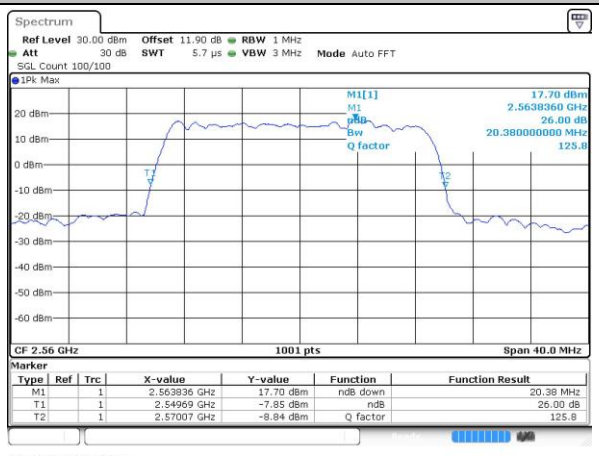
Middle Channel / 20MHz / QPSK



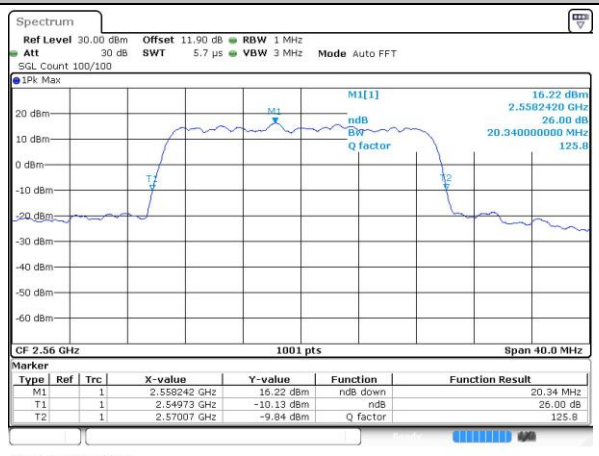
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

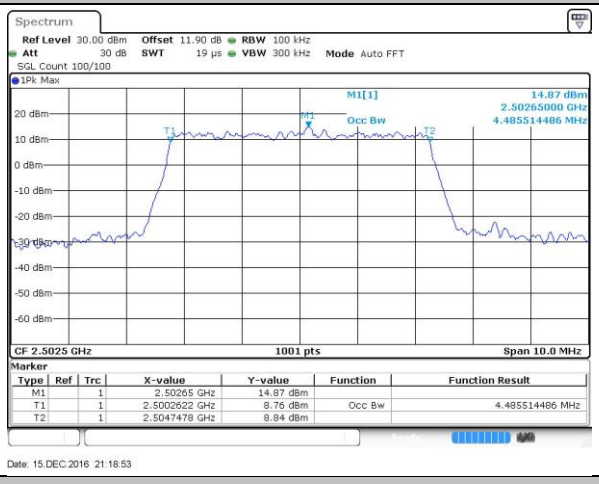


Occupied Bandwidth

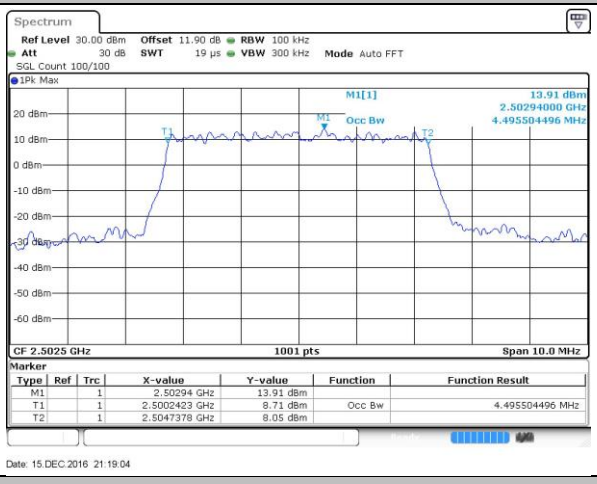
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	9.09	9.03	13.46	13.52	18.38	18.54
Middle CH	-	-	-	-	4.5	4.52	9.03	8.99	13.43	13.46	18.34	18.34
Highest CH	-	-	-	-	4.5	4.49	9.03	9.07	13.49	13.49	18.46	18.5

LTE Band 7

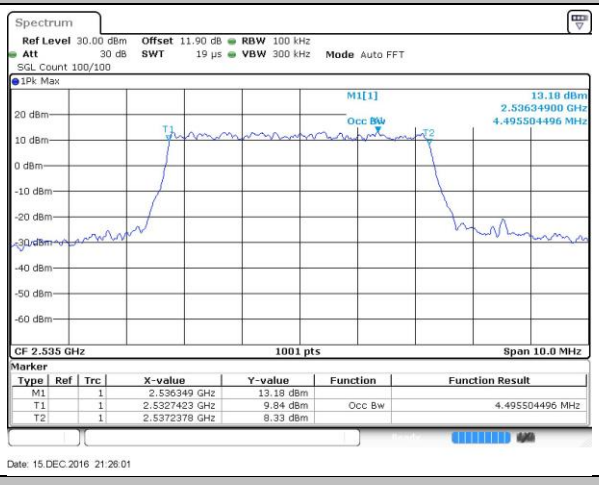
Lowest Channel / 5MHz / QPSK



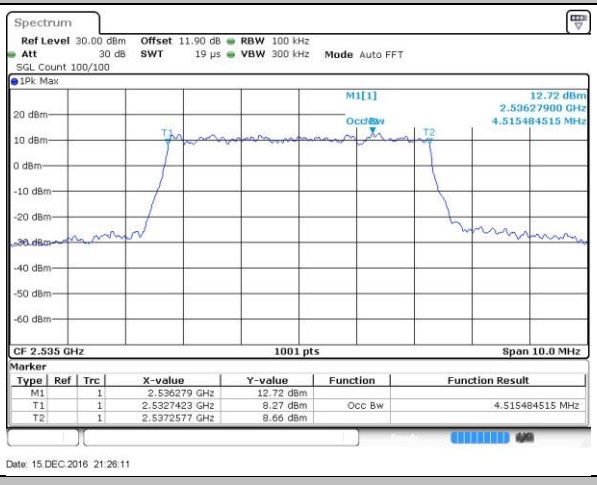
Lowest Channel / 5MHz / 16QAM



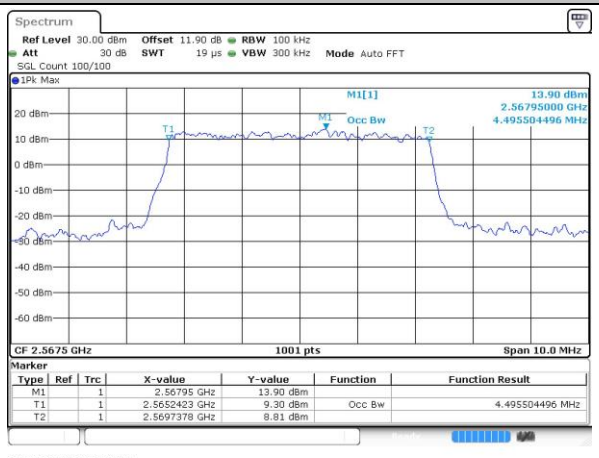
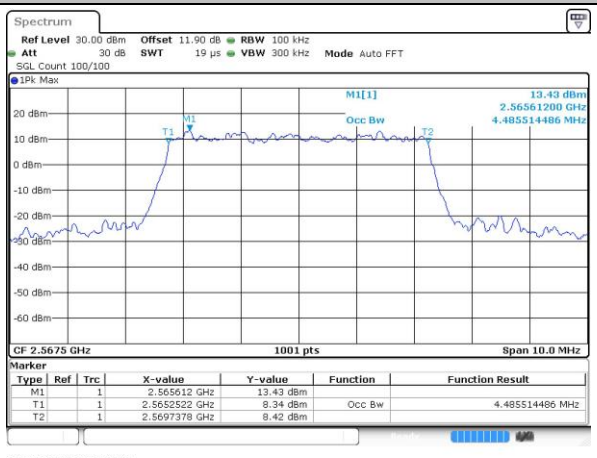
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM