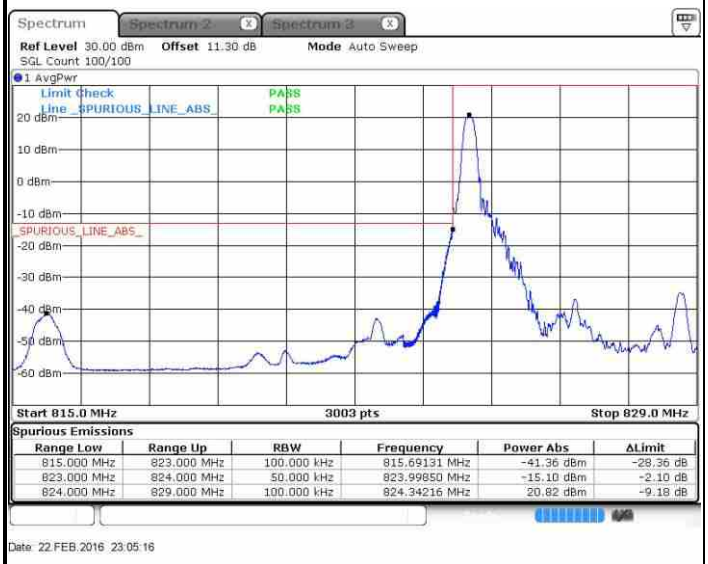
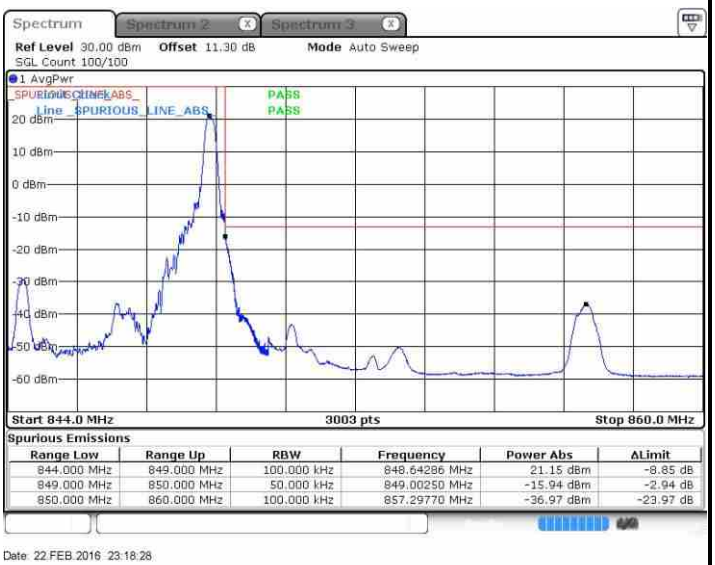
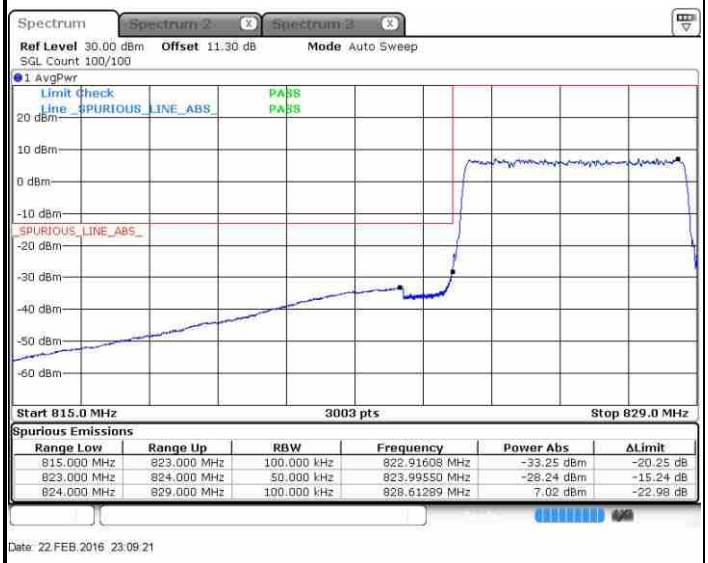
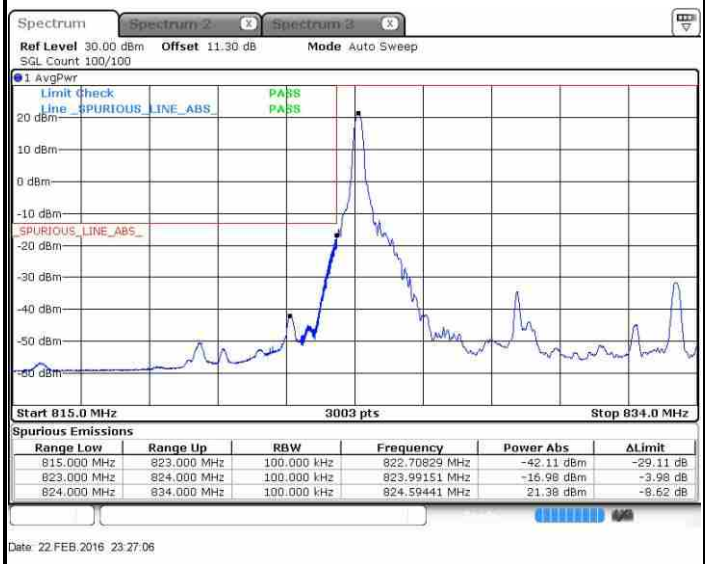
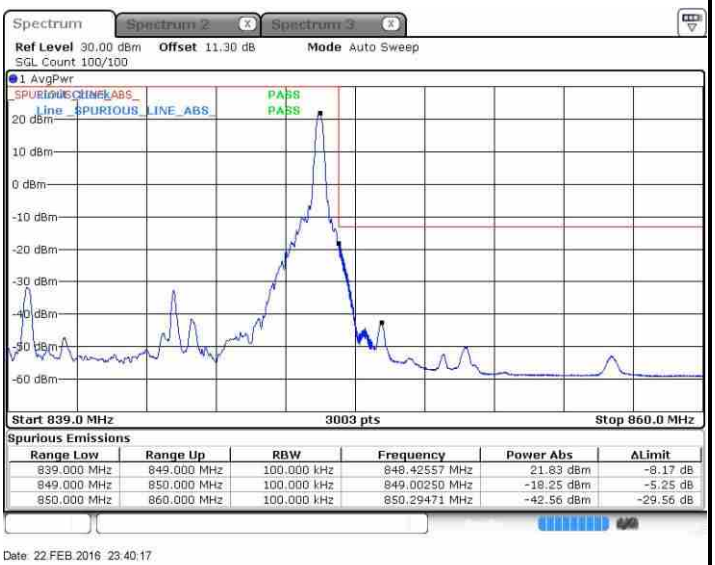
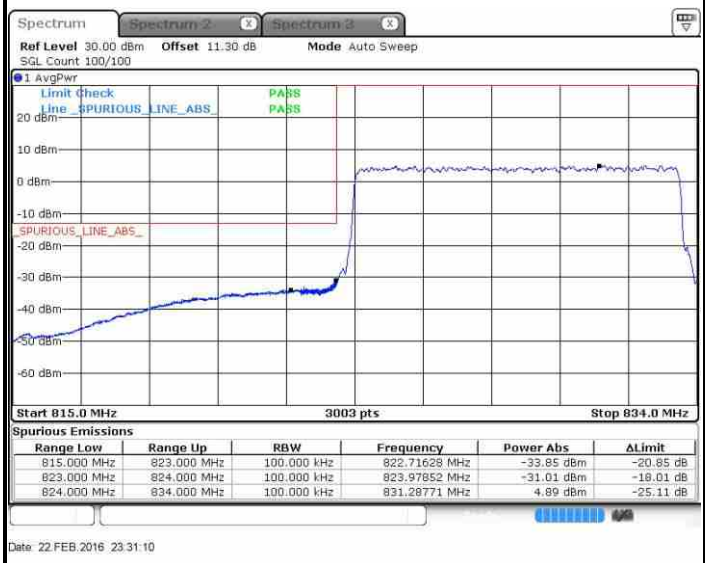
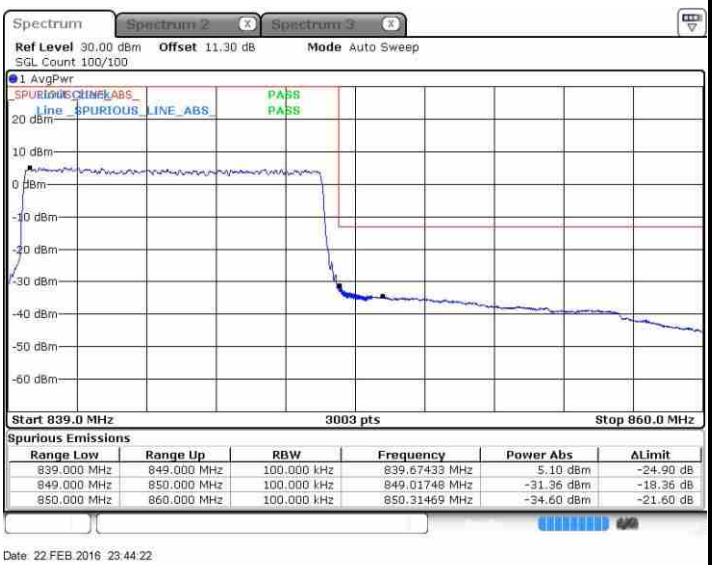
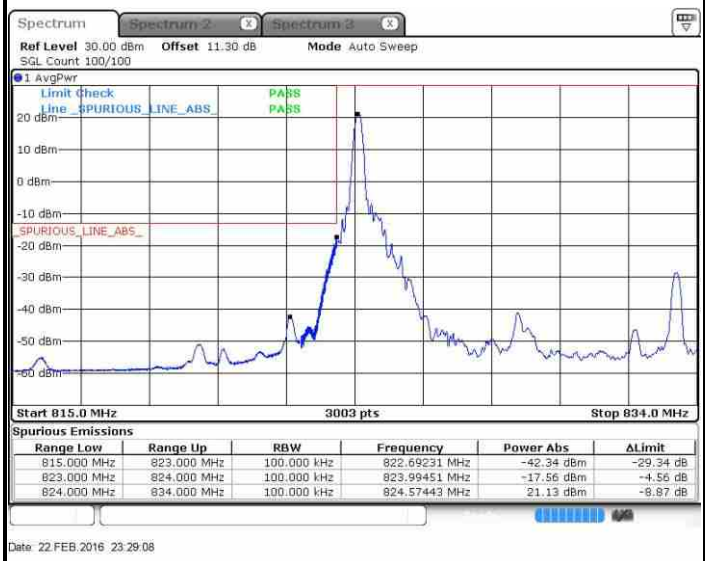
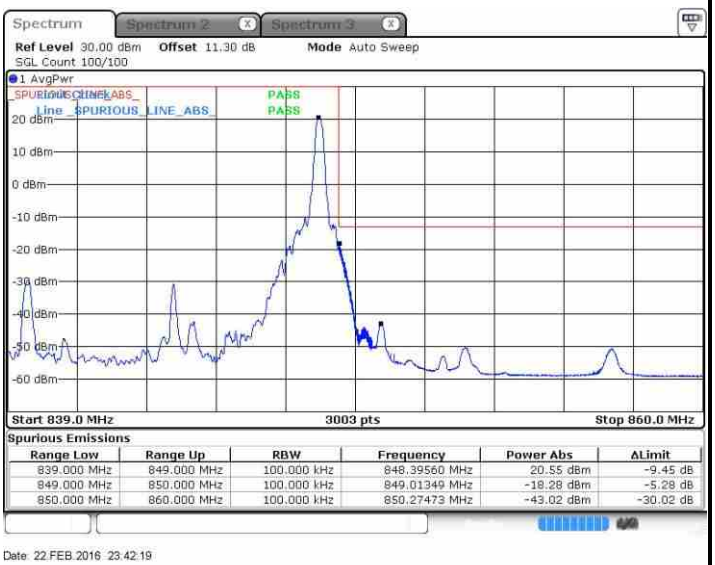
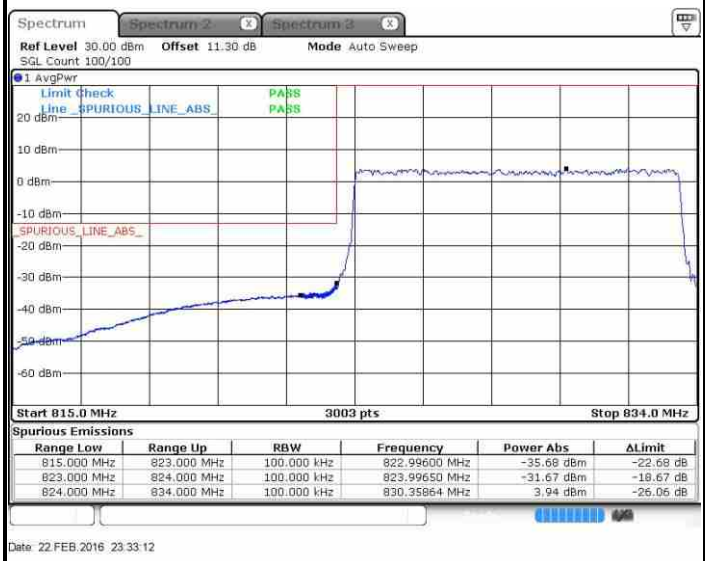
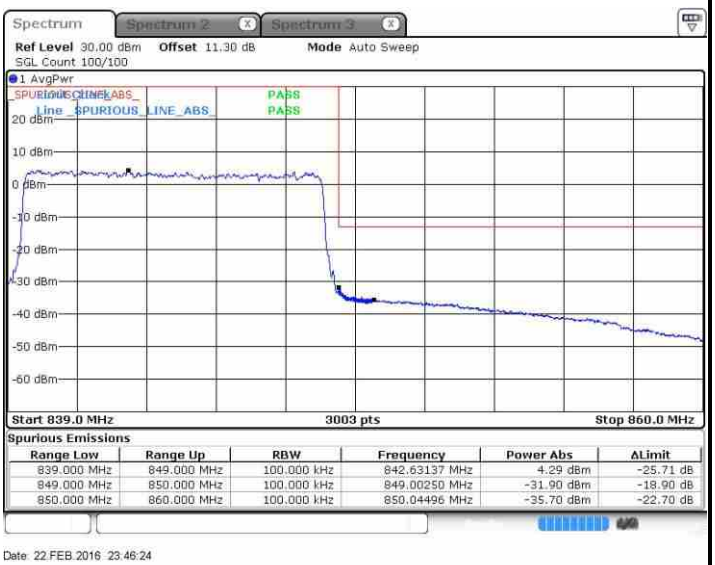
LTE Band 5 / 5MHz / 16QAM	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

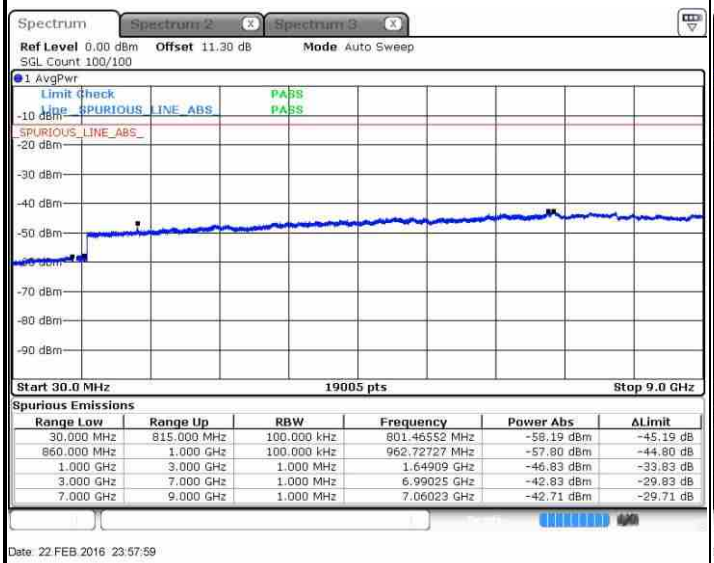
LTE Band 5 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 5 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

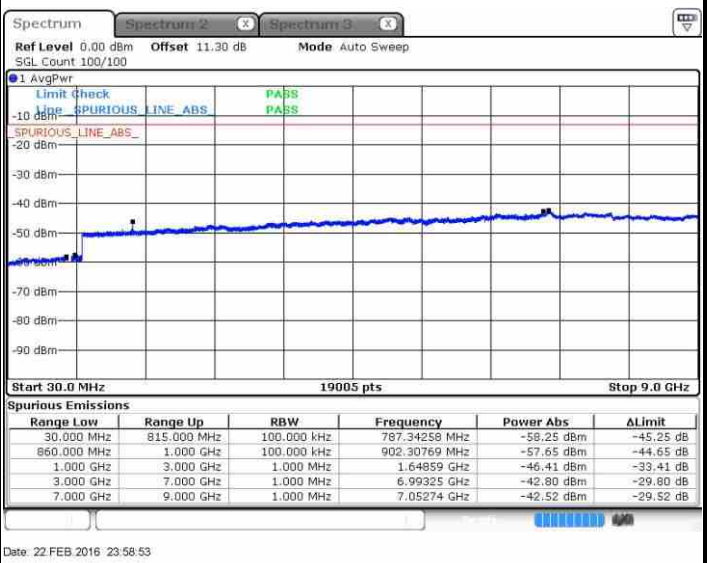


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.46552 MHz	-58.19 dBm	-45.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.72727 MHz	-57.80 dBm	-44.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-42.83 dBm	-29.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06023 GHz	-42.71 dBm	-29.71 dB

Date: 22.FEB.2016 23:57:59

Lowest Channel / 16QAM

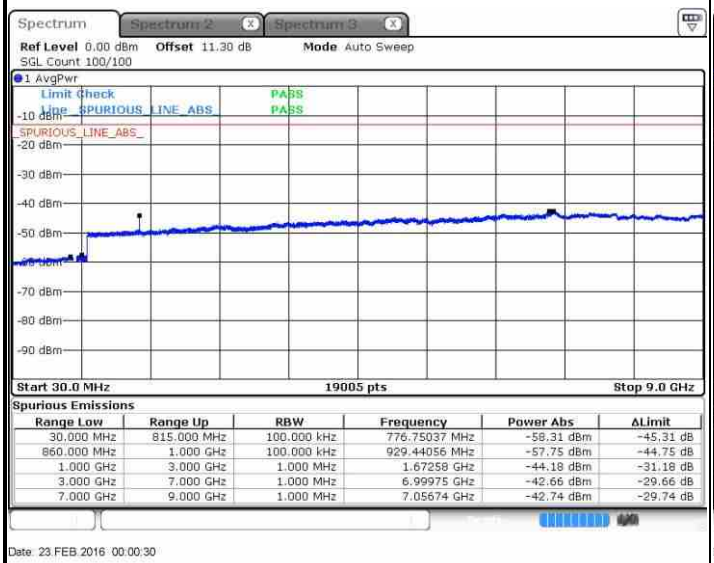


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	787.34258 MHz	-58.25 dBm	-45.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	902.30769 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.41 dBm	-33.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-42.80 dBm	-29.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05274 GHz	-42.52 dBm	-29.52 dB

Date: 22.FEB.2016 23:58:53

Middle Channel / QPSK

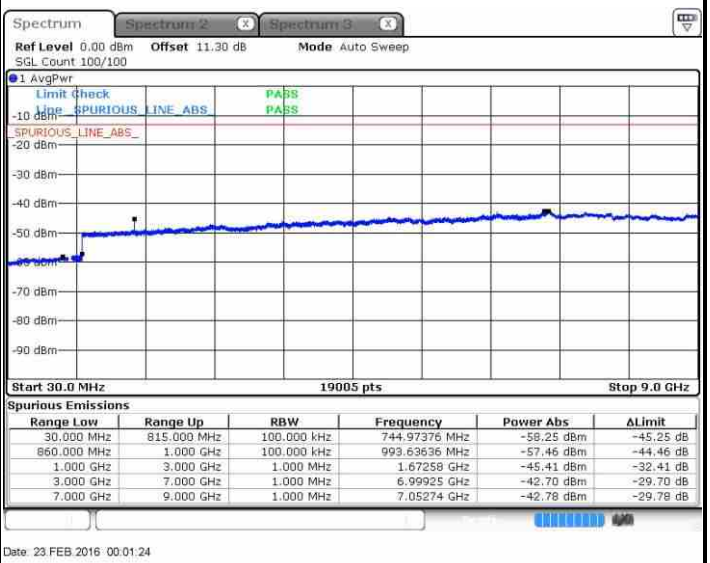


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	776.75037 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	929.44056 MHz	-57.75 dBm	-44.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-44.18 dBm	-31.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-42.66 dBm	-29.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05674 GHz	-42.74 dBm	-29.74 dB

Date: 23.FEB.2016 00:00:30

Middle Channel / 16QAM



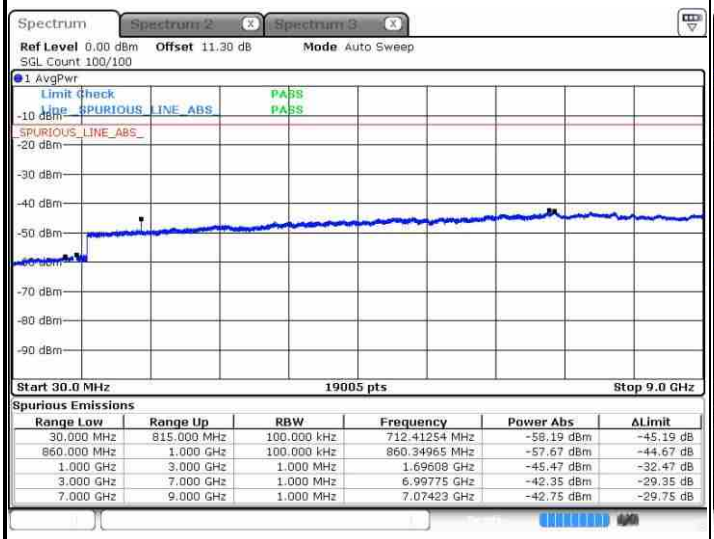
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	744.97376 MHz	-58.25 dBm	-45.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.63636 MHz	-57.46 dBm	-44.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-45.41 dBm	-32.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.70 dBm	-29.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05274 GHz	-42.78 dBm	-29.78 dB

Date: 23.FEB.2016 00:01:24

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

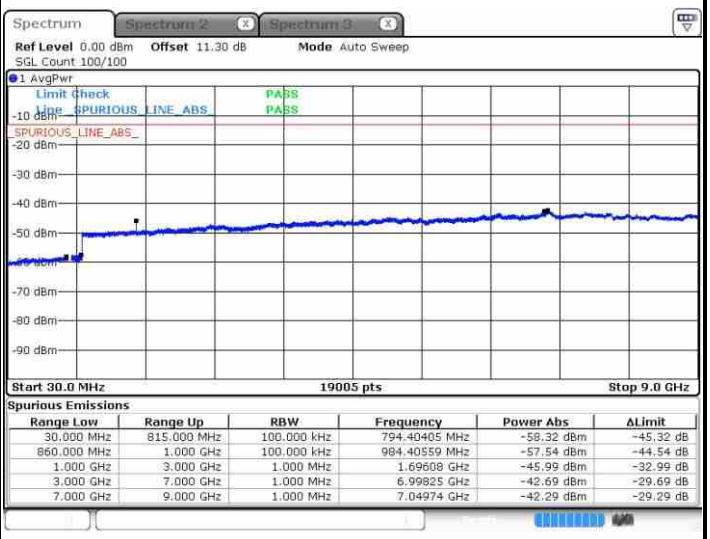


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	712.41254 MHz	-58.19 dBm	-45.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.34965 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.47 dBm	-32.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07423 GHz	-42.75 dBm	-29.75 dB

Date: 23.FEB.2016 00:11:10

Highest Channel / 16QAM



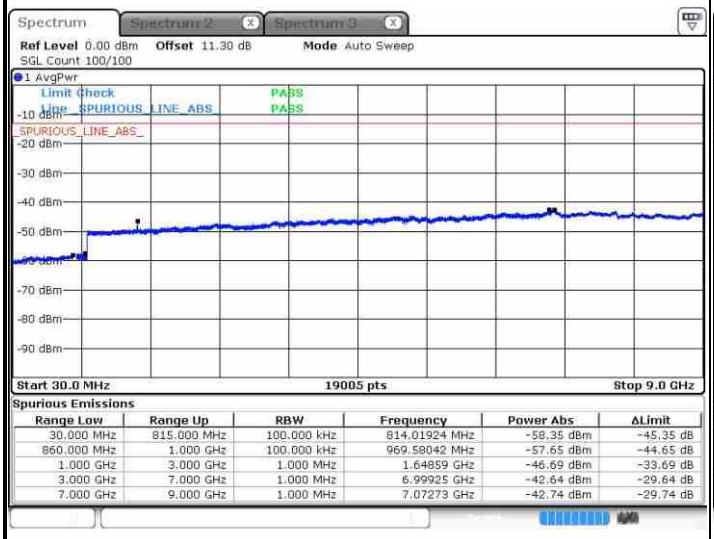
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.40405 MHz	-58.32 dBm	-45.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.40559 MHz	-57.54 dBm	-44.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.69 dBm	-29.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04974 GHz	-42.29 dBm	-29.29 dB

Date: 23.FEB.2016 00:12:04

LTE Band 5 / 3MHz

Lowest Channel / QPSK

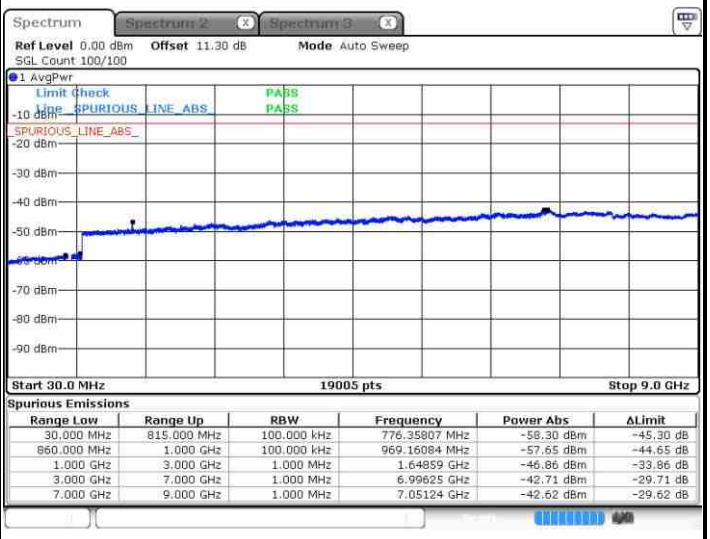


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.35 dBm	-45.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.58042 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.64 dBm	-29.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07273 GHz	-42.74 dBm	-29.74 dB

Date: 22.FEB.2016 22:46:25

Lowest Channel / 16QAM



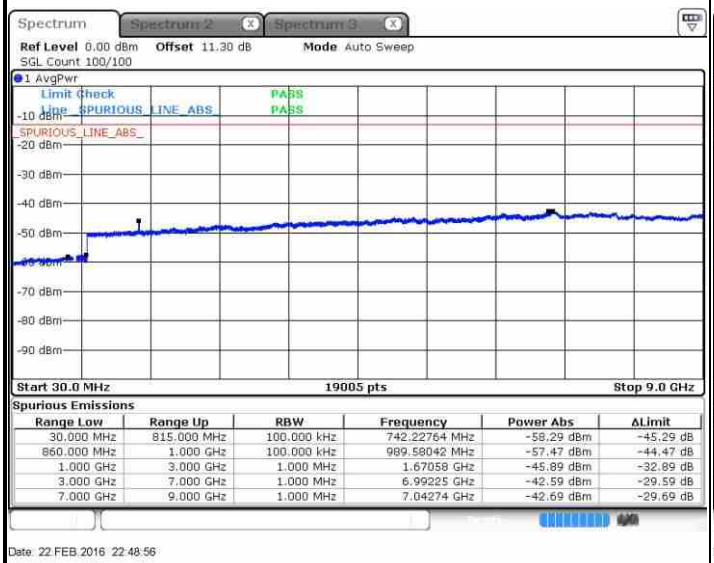
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	776.35807 MHz	-58.30 dBm	-45.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.16084 MHz	-57.65 dBm	-44.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-42.71 dBm	-29.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05124 GHz	-42.62 dBm	-29.62 dB

Date: 22.FEB.2016 22:47:19

LTE Band 5 / 3MHz

Middle Channel / QPSK

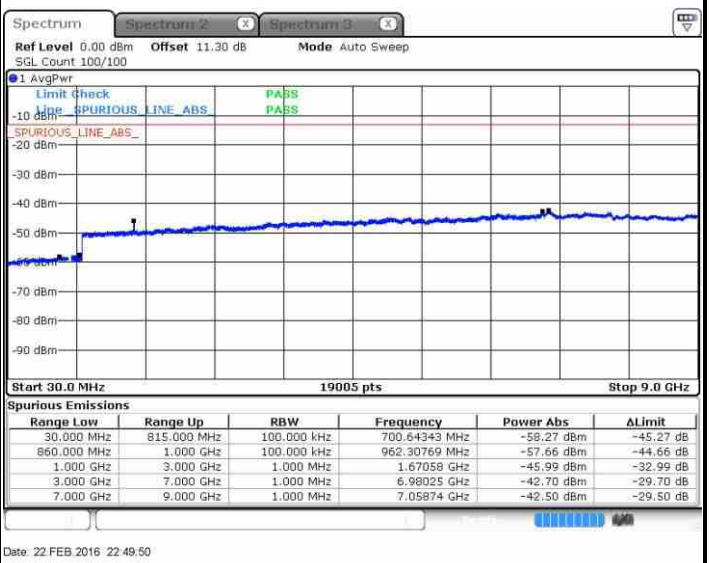


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	742.22764 MHz	-58.29 dBm	-45.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.58042 MHz	-57.47 dBm	-44.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-45.89 dBm	-32.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-42.59 dBm	-29.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04274 GHz	-42.69 dBm	-29.69 dB

Date: 22.FEB.2016 22:48:56

Middle Channel / 16QAM

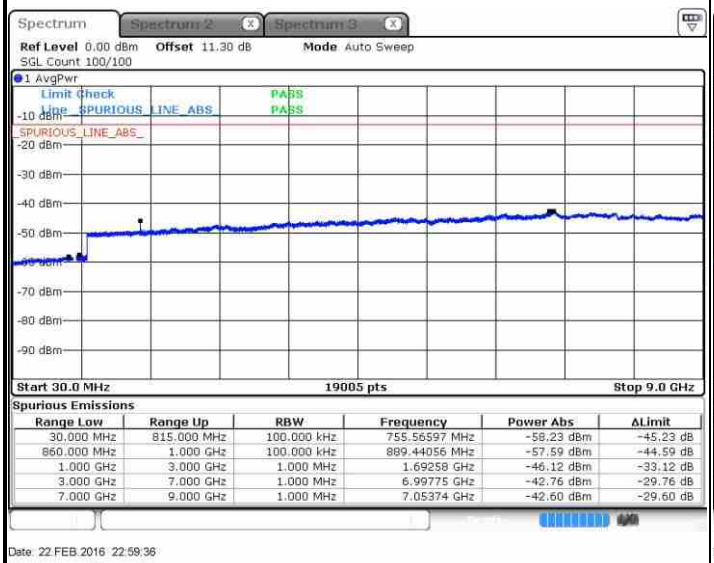


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	700.64343 MHz	-58.27 dBm	-45.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.30769 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-42.70 dBm	-29.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05874 GHz	-42.50 dBm	-29.50 dB

Date: 22.FEB.2016 22:49:50

Highest Channel / QPSK

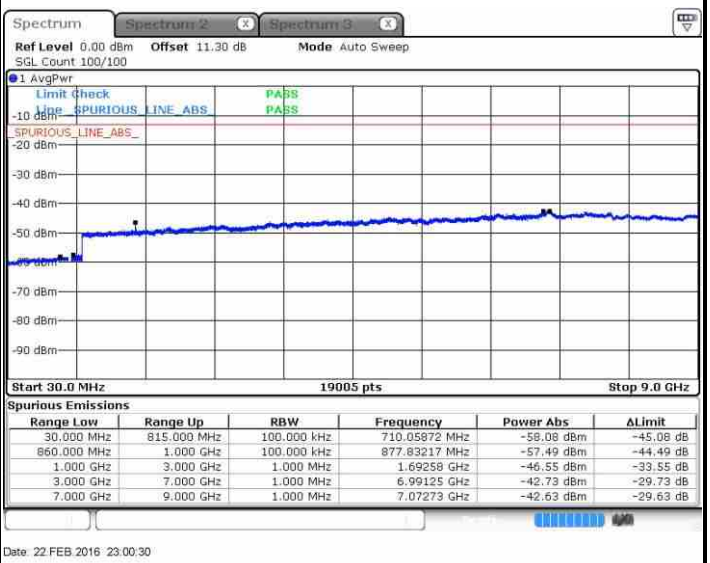


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	755.56597 MHz	-58.23 dBm	-45.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.44056 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.12 dBm	-33.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.76 dBm	-29.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05374 GHz	-42.60 dBm	-29.60 dB

Date: 22.FEB.2016 22:59:36

Highest Channel / 16QAM



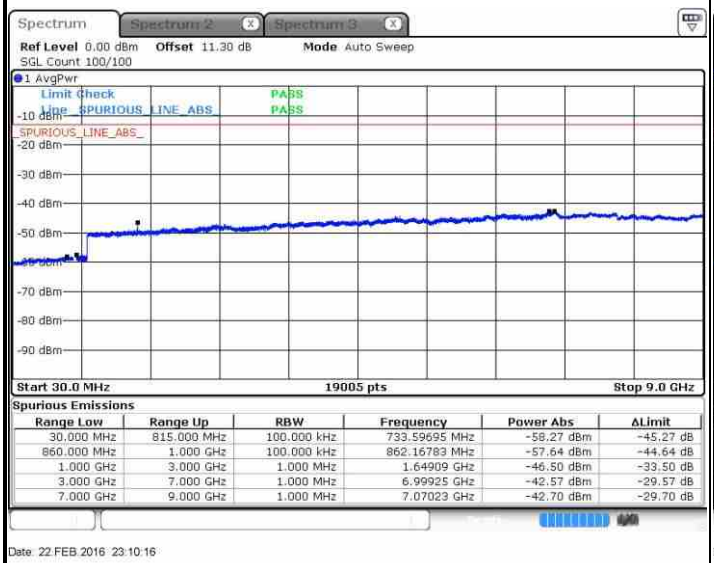
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	710.05872 MHz	-58.08 dBm	-45.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.83217 MHz	-57.49 dBm	-44.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.55 dBm	-33.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-42.73 dBm	-29.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07273 GHz	-42.63 dBm	-29.63 dB

Date: 22.FEB.2016 23:00:30

LTE Band 5 / 5MHz

Lowest Channel / QPSK

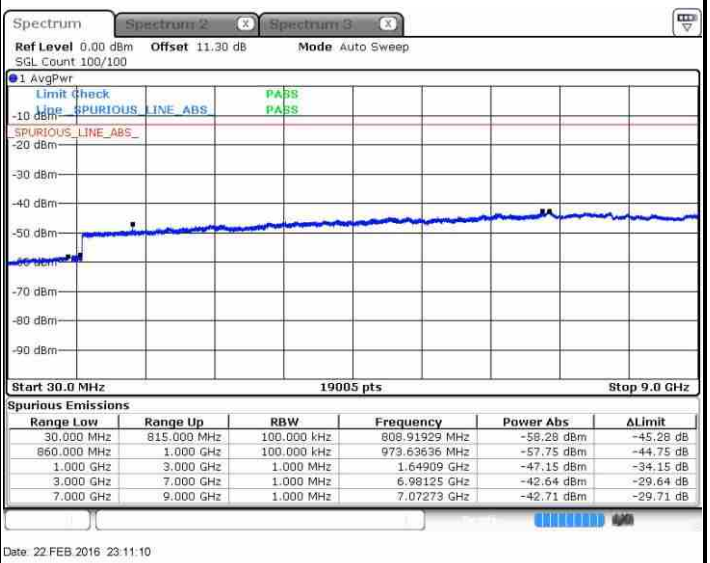


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	733.59695 MHz	-58.27 dBm	-45.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	862.16783 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.50 dBm	-33.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-42.57 dBm	-29.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07023 GHz	-42.70 dBm	-29.70 dB

Date: 22.FEB.2016 23:10:16

Lowest Channel / 16QAM

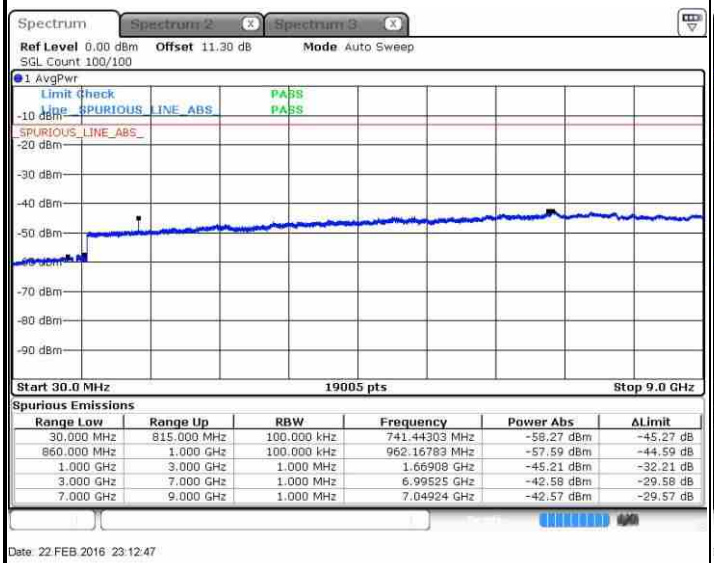


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-58.28 dBm	-45.28 dB
860.000 MHz	1.000 GHz	100.000 kHz	973.63636 MHz	-57.75 dBm	-44.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.15 dBm	-34.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-42.64 dBm	-29.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07273 GHz	-42.71 dBm	-29.71 dB

Date: 22.FEB.2016 23:11:10

Middle Channel / QPSK

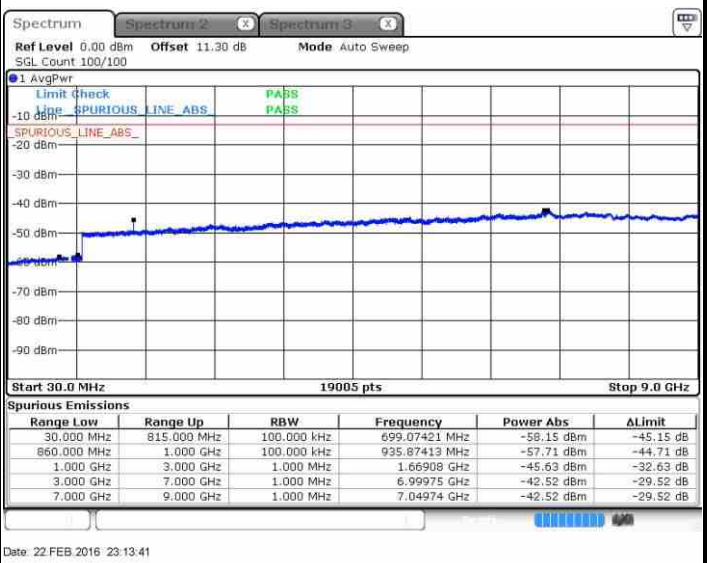


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	741.44303 MHz	-58.27 dBm	-45.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.16783 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-42.58 dBm	-29.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04924 GHz	-42.57 dBm	-29.57 dB

Date: 22.FEB.2016 23:12:47

Middle Channel / 16QAM



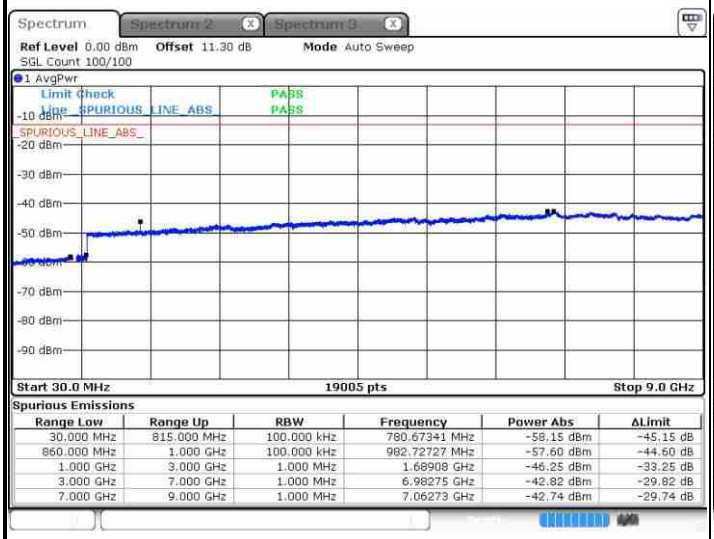
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	699.07421 MHz	-58.15 dBm	-45.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.87413 MHz	-57.71 dBm	-44.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.63 dBm	-32.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-42.52 dBm	-29.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04974 GHz	-42.52 dBm	-29.52 dB

Date: 22.FEB.2016 23:13:41

LTE Band 5 / 5MHz

Highest Channel / QPSK

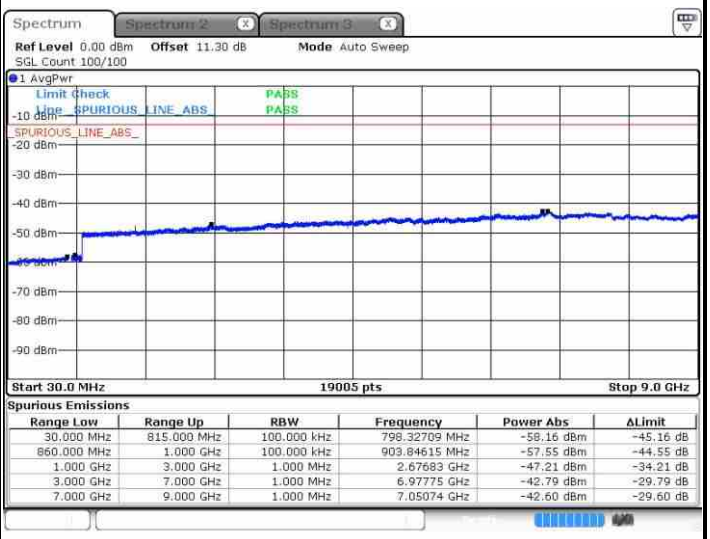


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	780.67341 MHz	-58.15 dBm	-45.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	982.72727 MHz	-57.60 dBm	-44.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-42.82 dBm	-29.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06273 GHz	-42.74 dBm	-29.74 dB

Date: 22.FEB.2016 23:23:27

Highest Channel / 16QAM



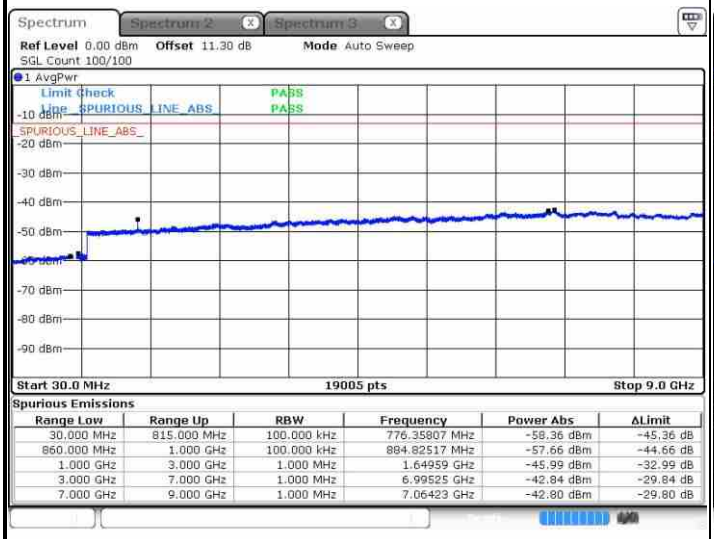
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	798.32709 MHz	-58.16 dBm	-45.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	903.84615 MHz	-57.55 dBm	-44.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67683 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-42.79 dBm	-29.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05074 GHz	-42.60 dBm	-29.60 dB

Date: 22.FEB.2016 23:24:22

LTE Band 5 / 10MHz

Lowest Channel / QPSK

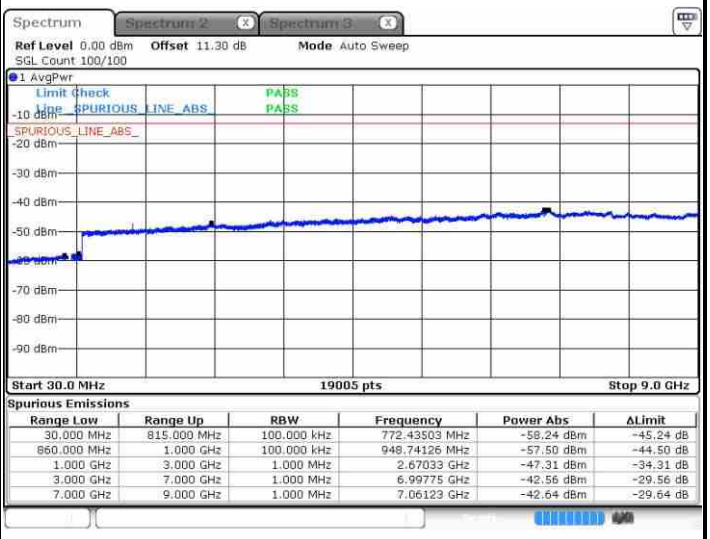


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	776.35807 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	884.82517 MHz	-57.66 dBm	-44.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-42.84 dBm	-29.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06423 GHz	-42.80 dBm	-29.80 dB

Date: 22.FEB.2016 23:34:07

Lowest Channel / 16QAM



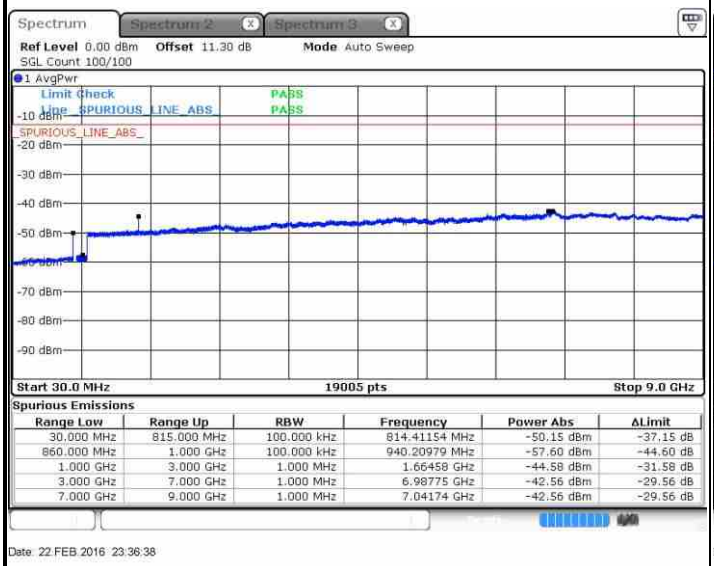
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	772.43503 MHz	-58.24 dBm	-45.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	948.74126 MHz	-57.50 dBm	-44.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.67033 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06123 GHz	-42.64 dBm	-29.64 dB

Date: 22.FEB.2016 23:35:02

LTE Band 5 / 10MHz

Middle Channel / QPSK

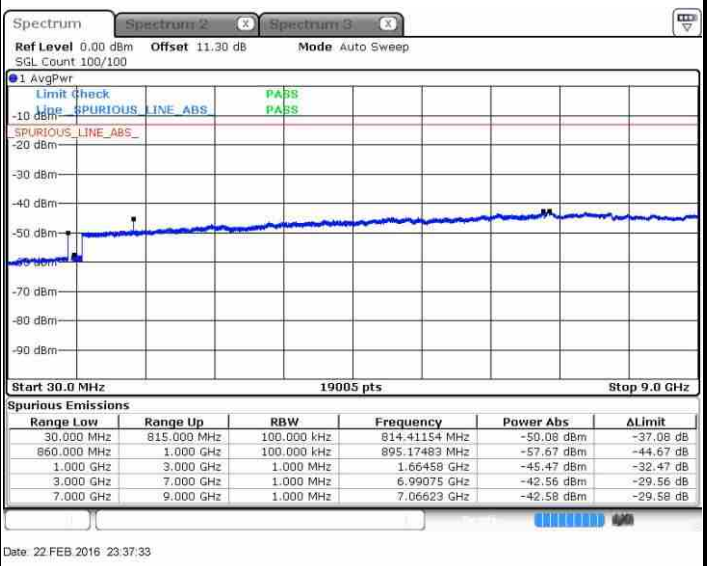


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-50.15 dBm	-37.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	940.20979 MHz	-57.60 dBm	-44.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.58 dBm	-31.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04174 GHz	-42.56 dBm	-29.56 dB

Date: 22.FEB.2016 23:36:38

Middle Channel / 16QAM

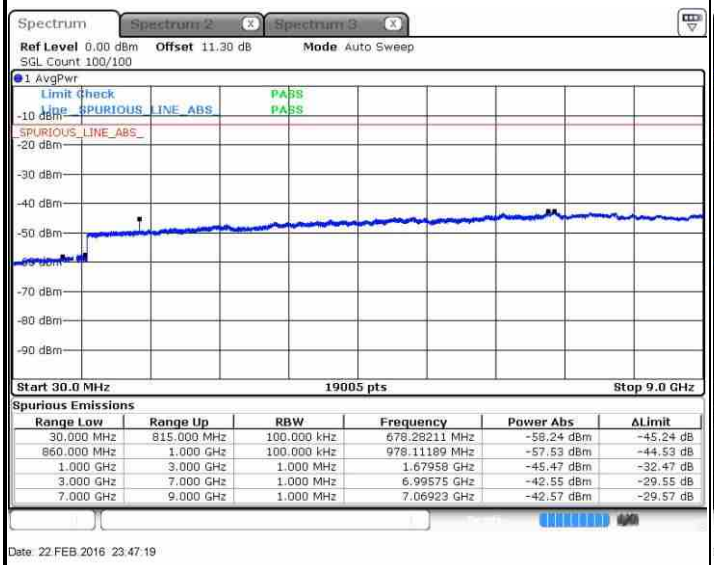


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-50.08 dBm	-37.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	895.17483 MHz	-57.67 dBm	-44.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-45.47 dBm	-32.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-42.56 dBm	-29.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06623 GHz	-42.58 dBm	-29.58 dB

Date: 22.FEB.2016 23:37:33

Highest Channel / QPSK

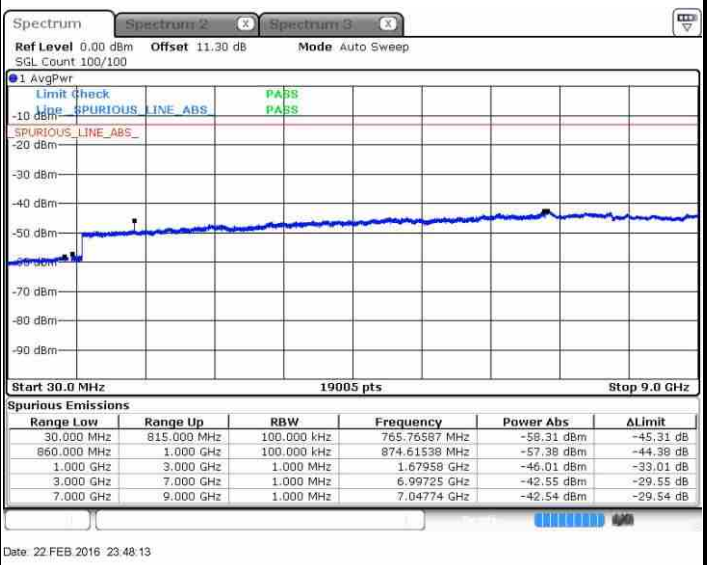


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	678.28211 MHz	-58.24 dBm	-45.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	978.11189 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.47 dBm	-32.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-42.55 dBm	-29.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06923 GHz	-42.57 dBm	-29.57 dB

Date: 22.FEB.2016 23:47:19

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	765.76587 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.61538 MHz	-57.38 dBm	-44.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-42.55 dBm	-29.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04774 GHz	-42.54 dBm	-29.54 dB

Date: 22.FEB.2016 23:48:13

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	0.0005	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

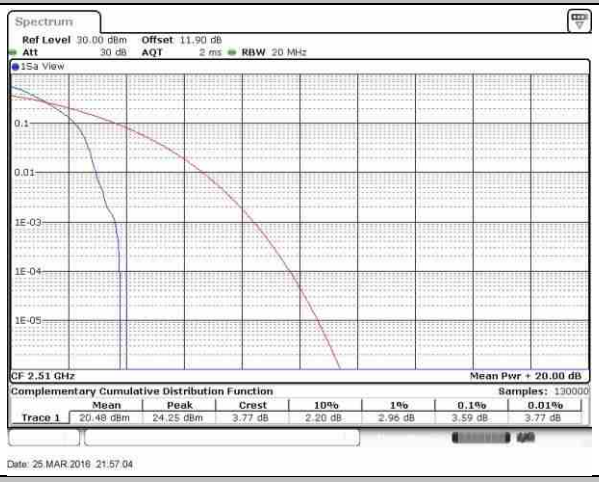
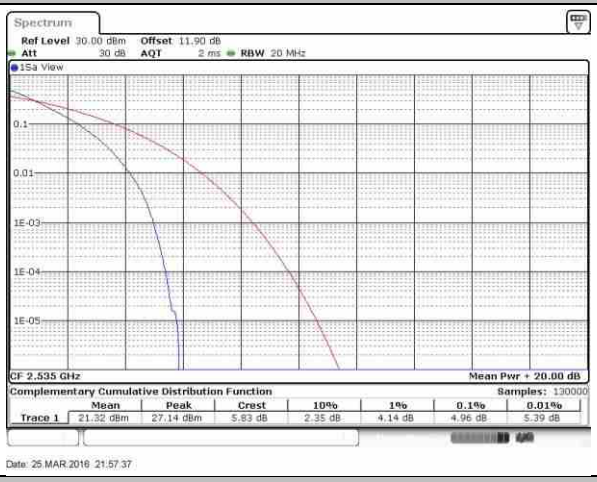
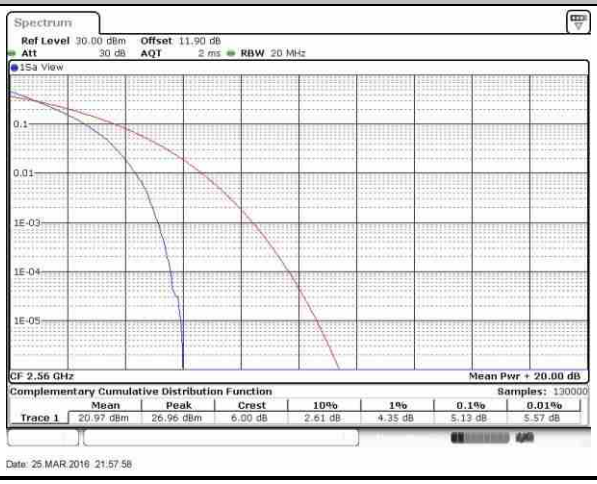
1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.4 V.；Maximum Voltage =4.35 V

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	3.59	5.07	4.26	5.97	PASS
Middle CH	3.83	4.96	5.1	5.91	
Highest CH	3.57	5.13	4.61	5.94	

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**
	

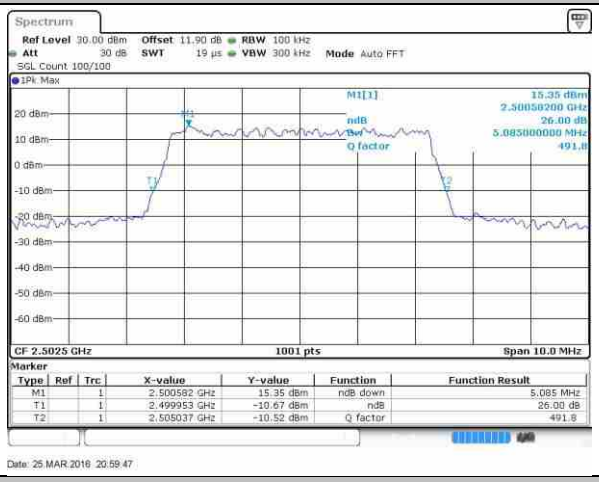
LTE Band 7 / 20MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
Middle Channel / 1RB	**Middle Channel / Full RB**
Highest Channel / 1RB	**Highest Channel / Full RB**

26dB Bandwidth

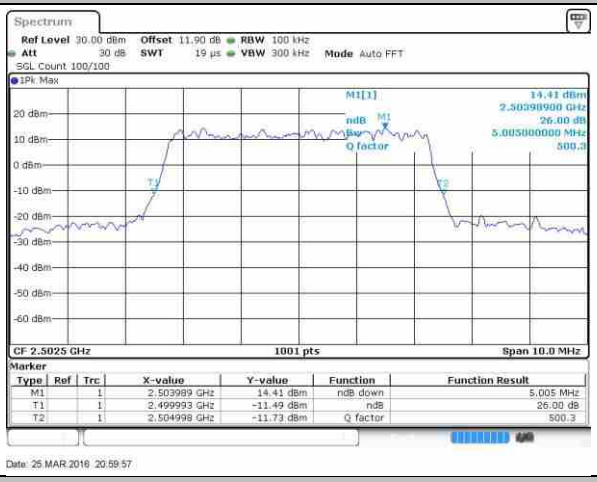
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.09	5.01	9.95	9.91	14.3	14.9	20.3	20.18
Middle CH	-	-	-	-	5.02	5	9.99	9.79	14.21	14.45	20.14	20.1
Highest CH	-	-	-	-	5.01	4.96	9.81	9.89	14.48	14.33	20.14	20.46

LTE Band 7

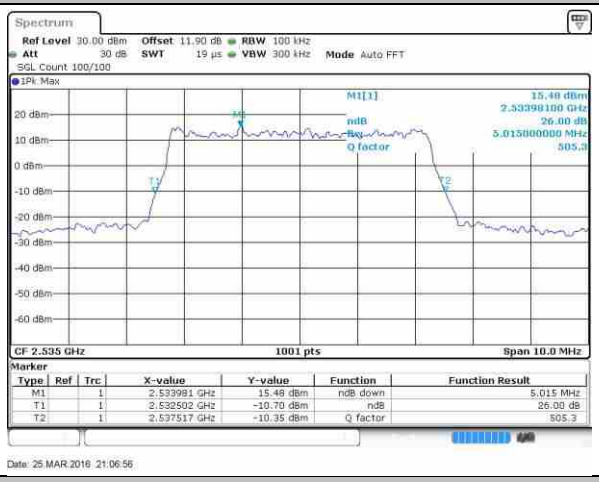
Lowest Channel / 5MHz / QPSK



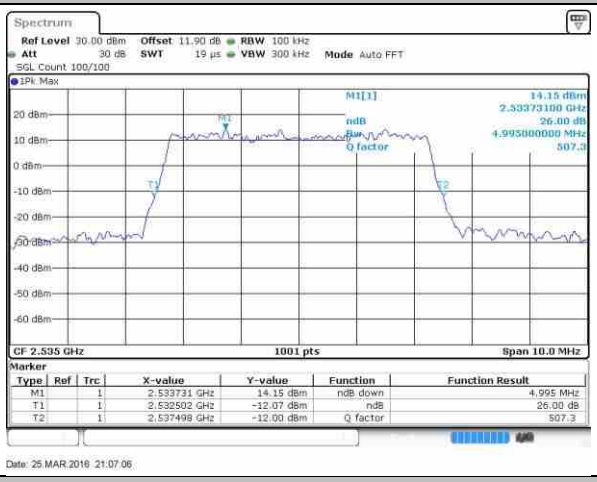
Lowest Channel / 5MHz / 16QAM



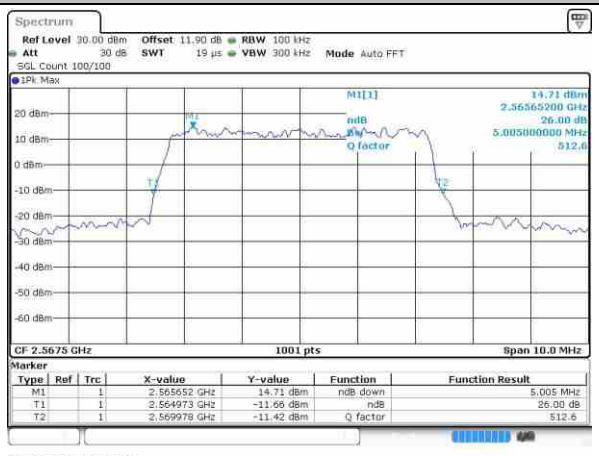
Middle Channel / 5MHz / QPSK



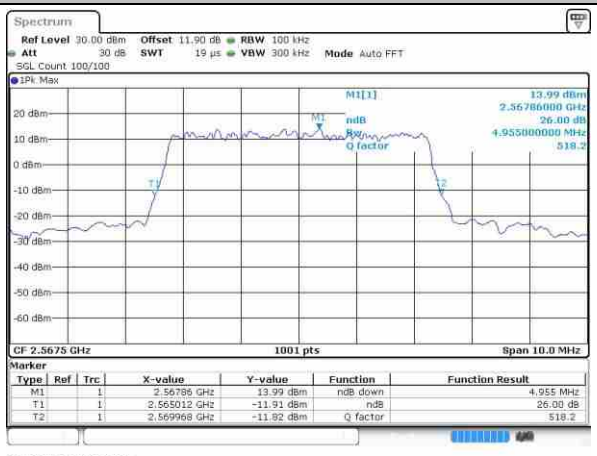
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

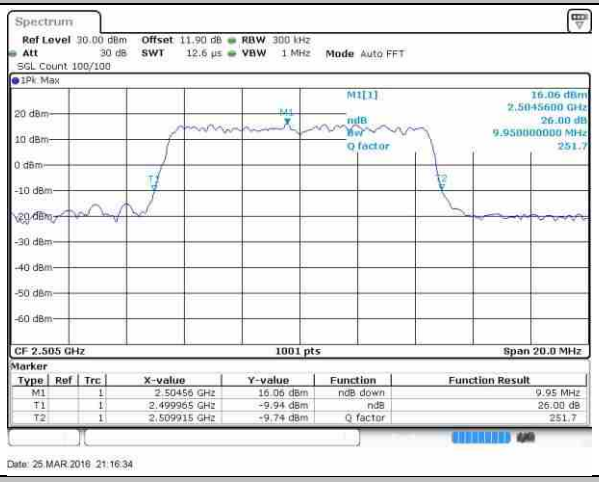


Highest Channel / 5MHz / 16QAM

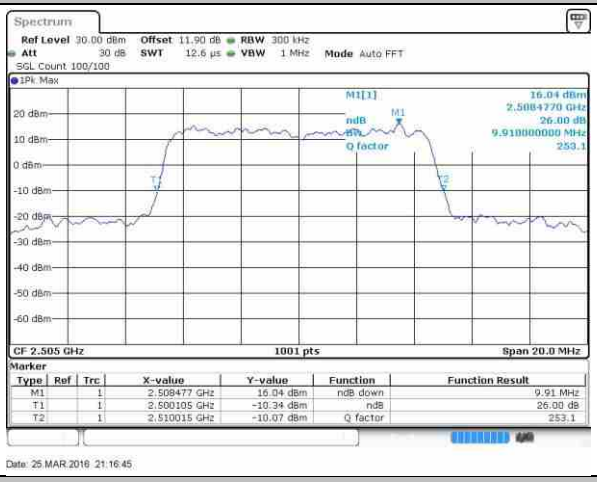


LTE Band 7

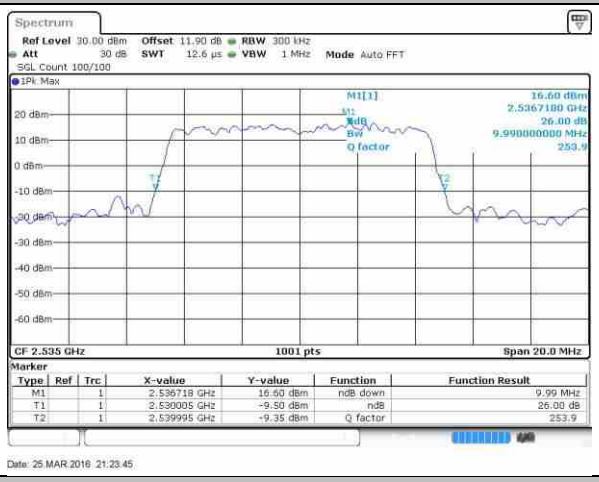
Lowest Channel / 10MHz / QPSK



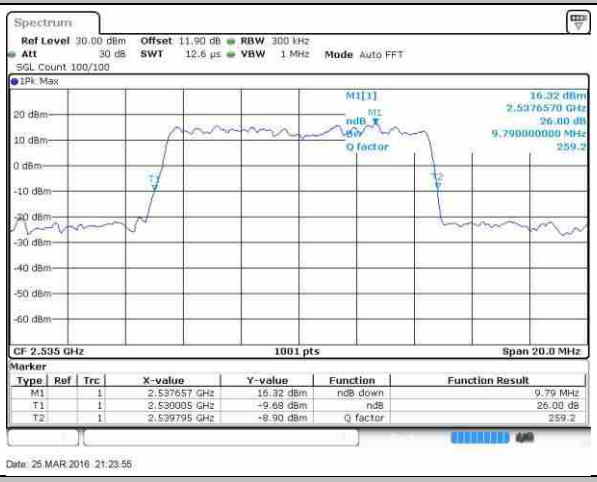
Lowest Channel / 10MHz / 16QAM



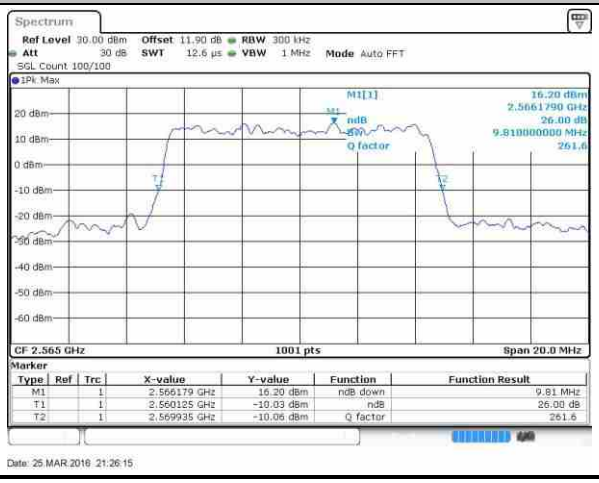
Middle Channel / 10MHz / QPSK



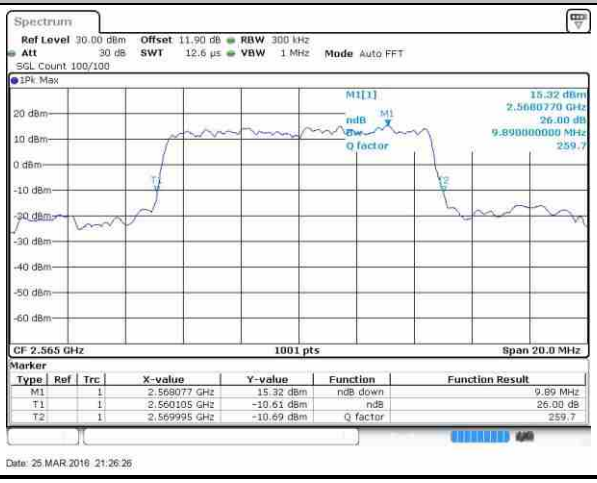
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

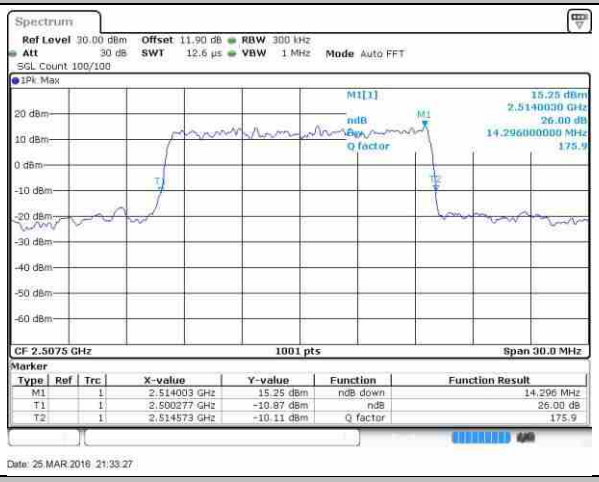


Highest Channel / 10MHz / 16QAM

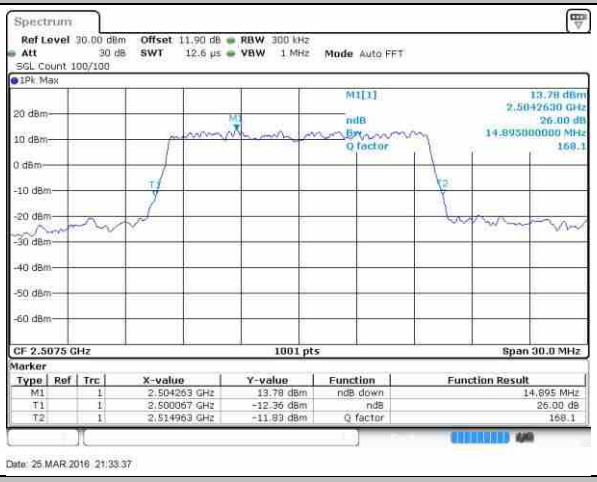


LTE Band 7

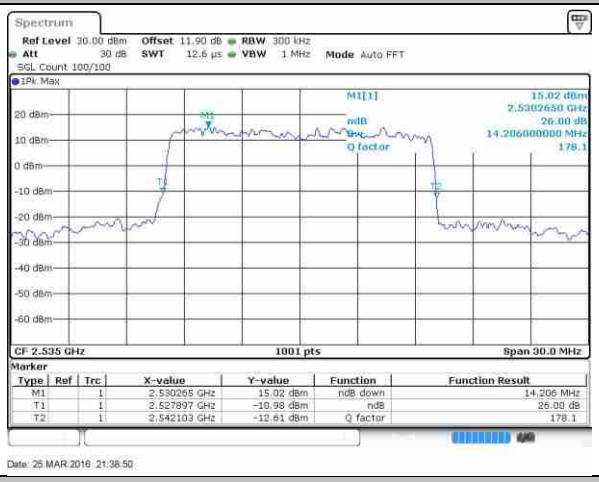
Lowest Channel / 15MHz / QPSK



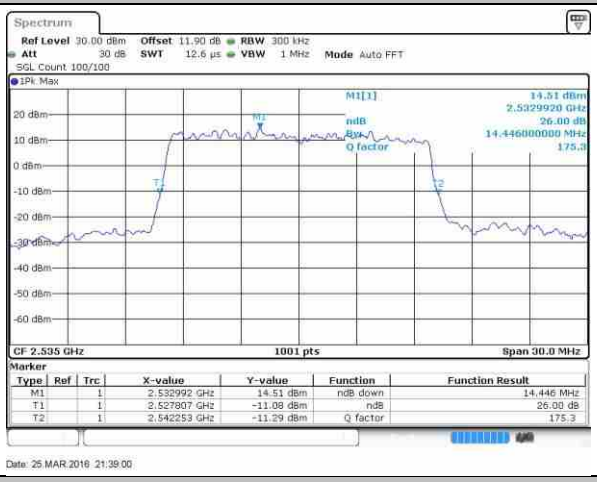
Lowest Channel / 15MHz / 16QAM



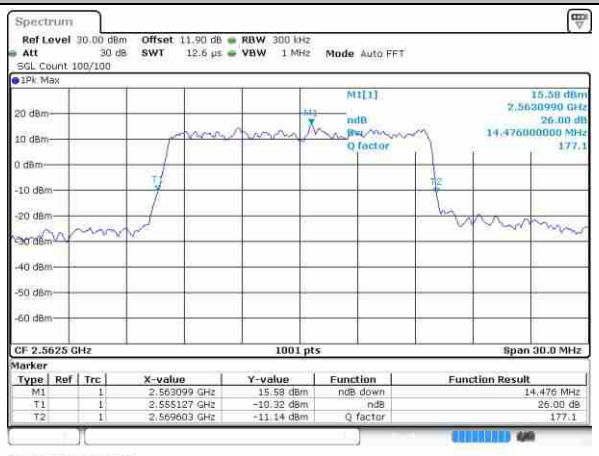
Middle Channel / 15MHz / QPSK



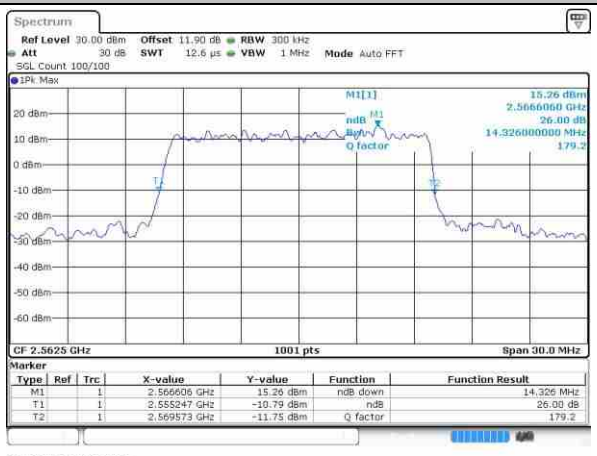
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

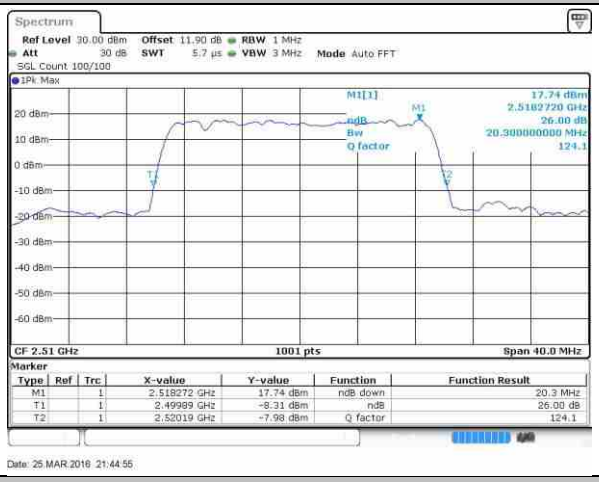


Highest Channel / 15MHz / 16QAM

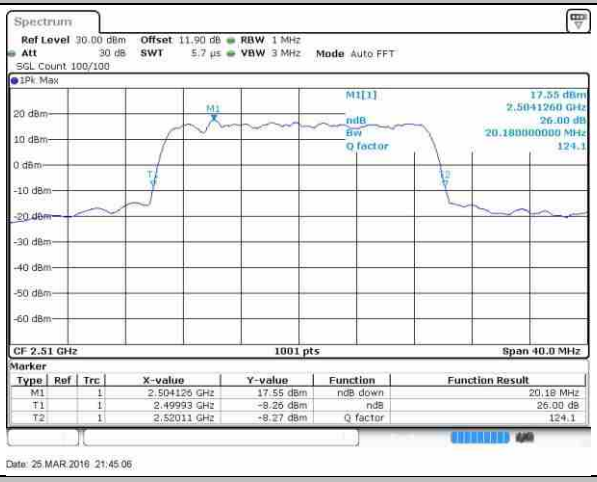


LTE Band 7

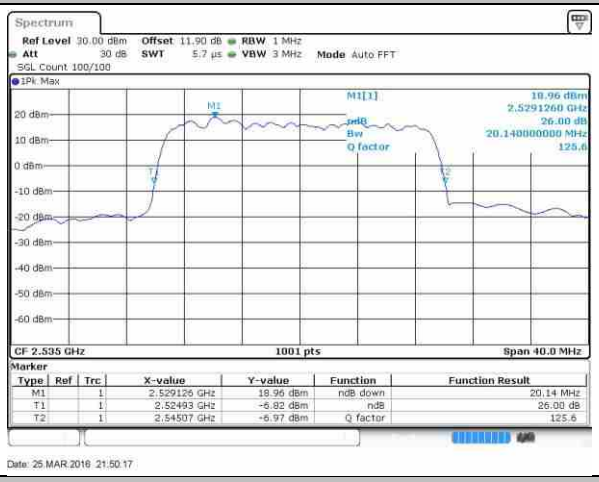
Lowest Channel / 20MHz / QPSK



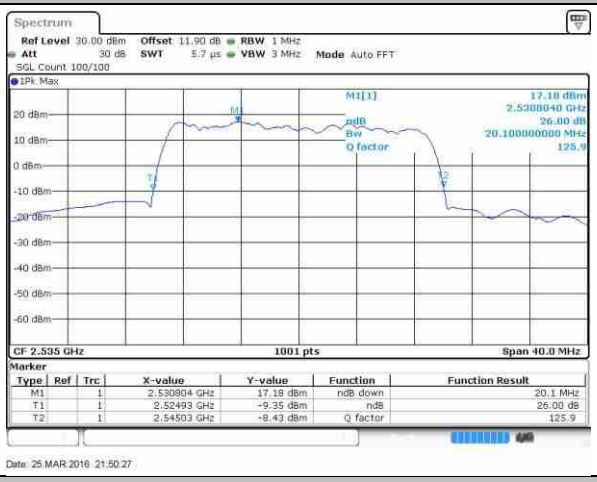
Lowest Channel / 20MHz / 16QAM



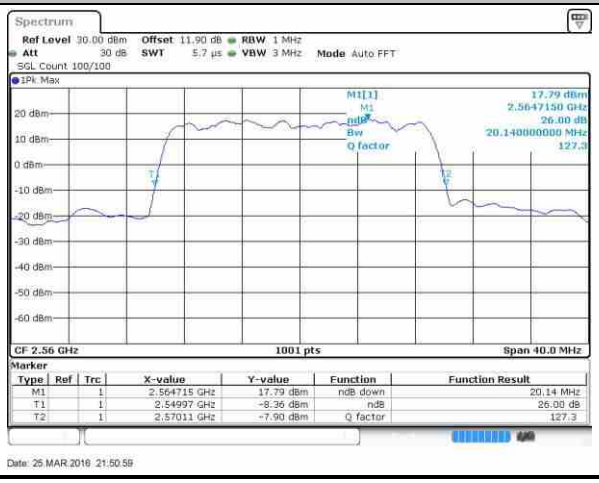
Middle Channel / 20MHz / QPSK



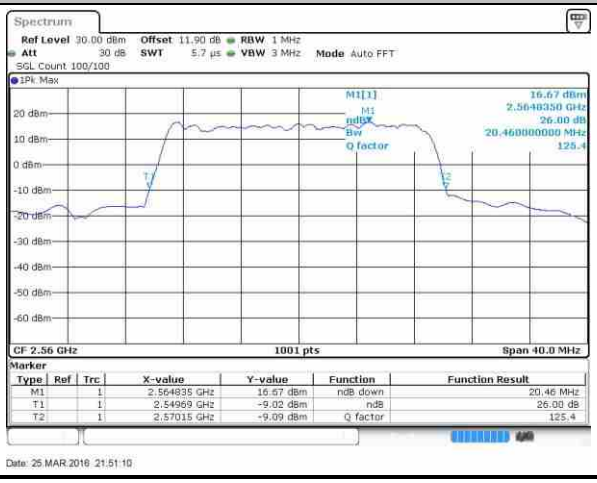
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

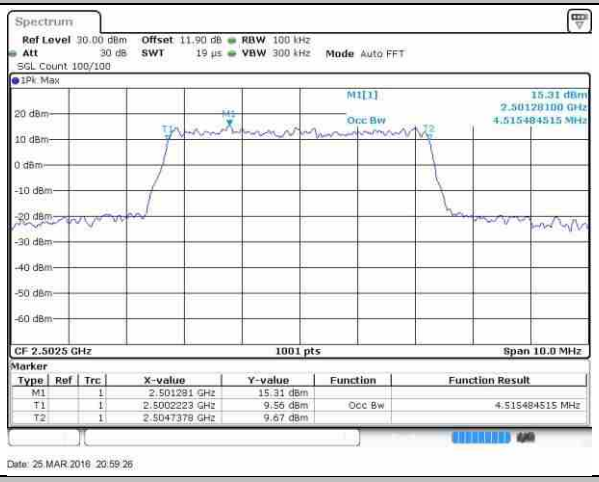


Occupied Bandwidth

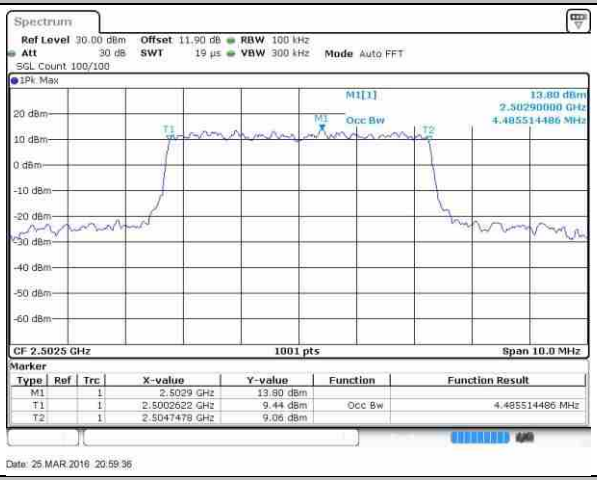
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.49	9.03	8.99	13.4	13.49	18.54	18.42
Middle CH	-	-	-	-	4.5	4.48	9.05	9.01	13.49	13.49	18.62	18.26
Highest CH	-	-	-	-	4.5	4.51	9.07	9.03	13.4	13.46	18.34	18.62

LTE Band 7

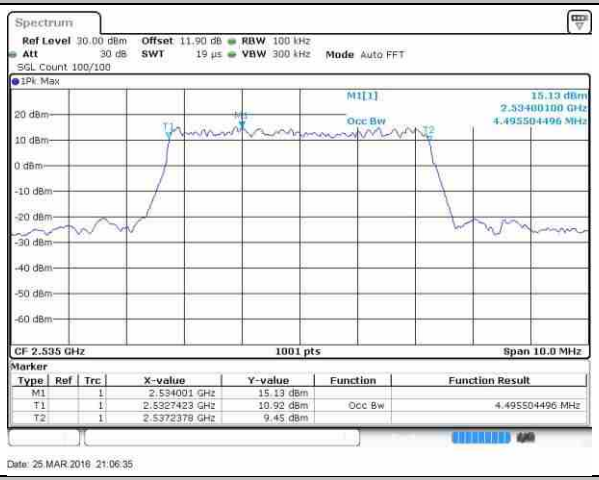
Lowest Channel / 5MHz / QPSK



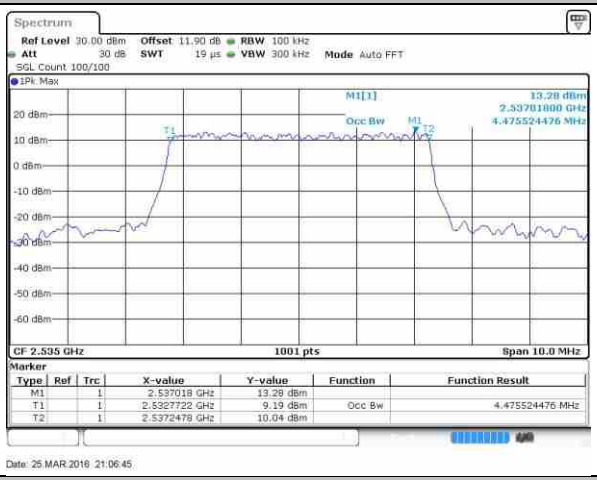
Lowest Channel / 5MHz / 16QAM



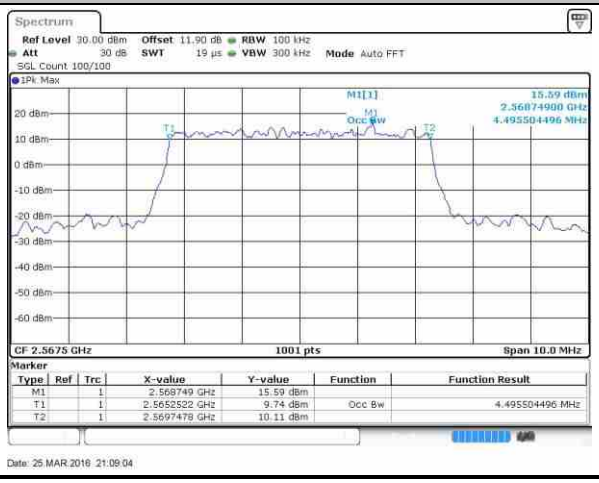
Middle Channel / 5MHz / QPSK



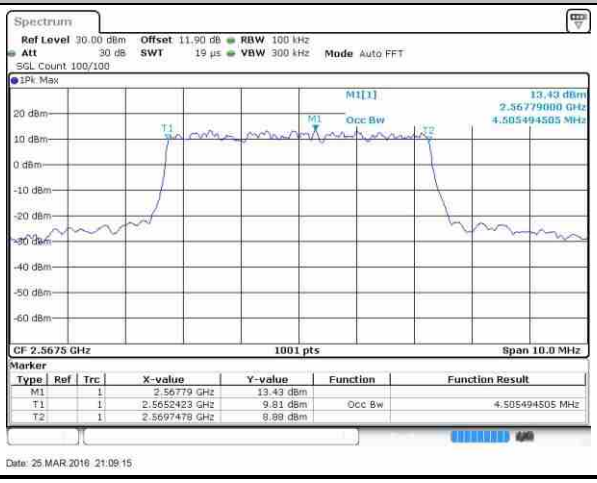
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

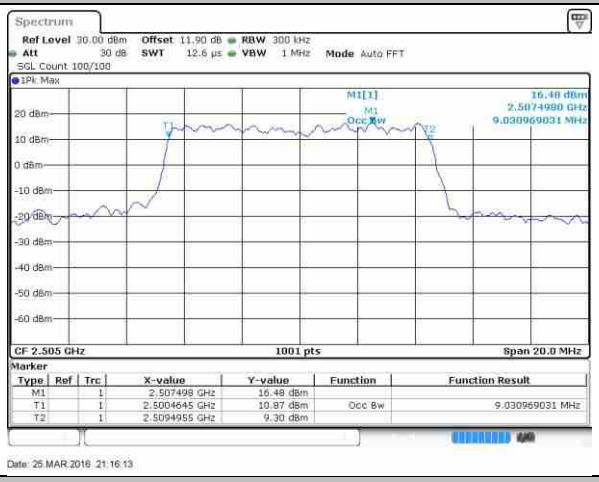


Highest Channel / 5MHz / 16QAM

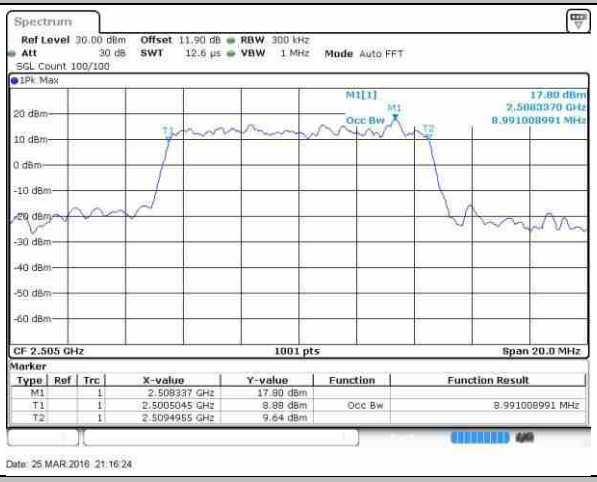


LTE Band 7

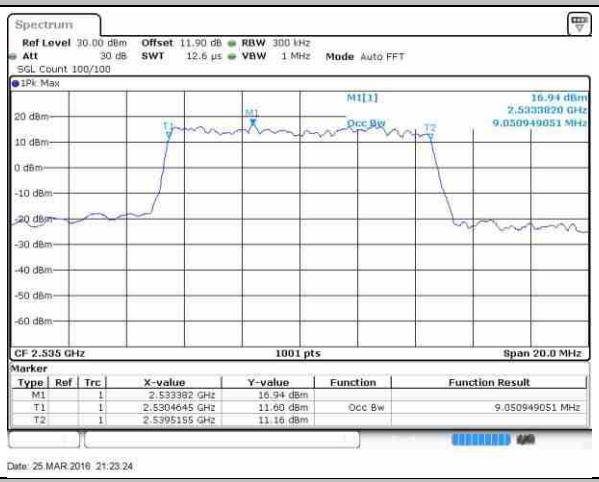
Lowest Channel / 10MHz / QPSK



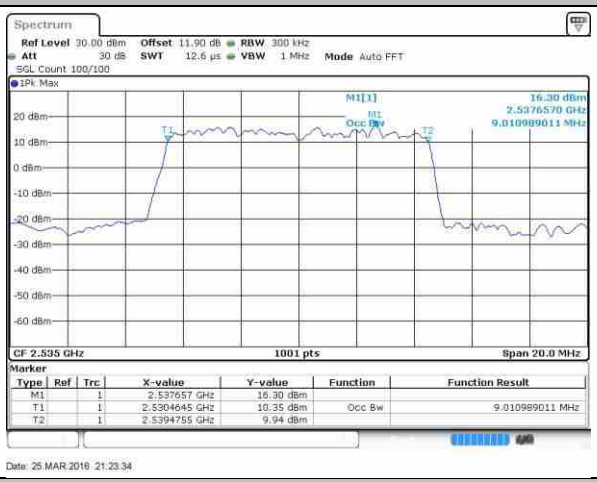
Lowest Channel / 10MHz / 16QAM



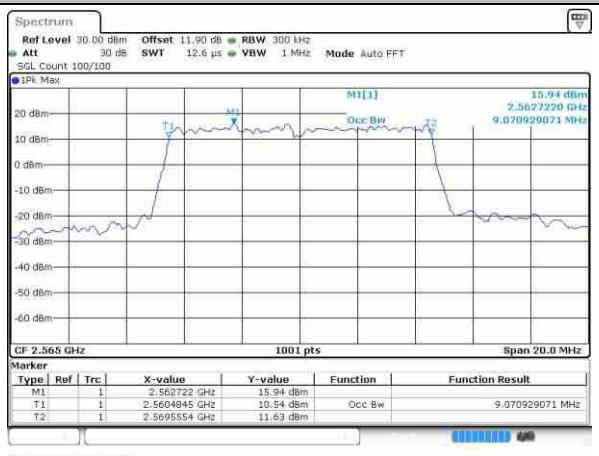
Middle Channel / 10MHz / QPSK



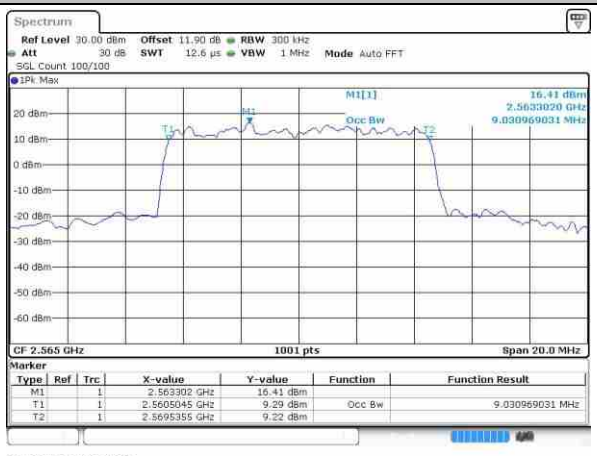
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

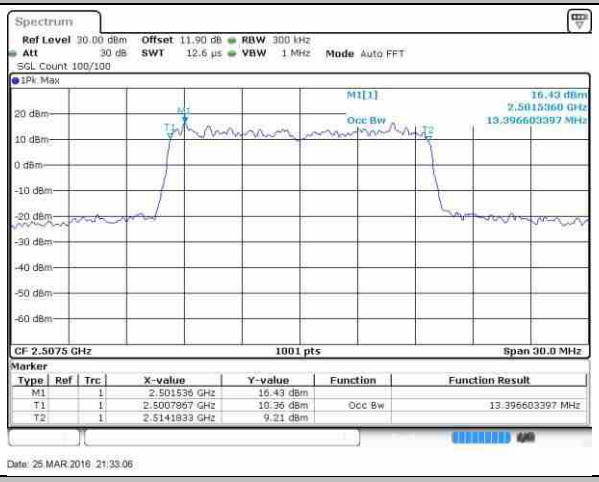


Highest Channel / 10MHz / 16QAM

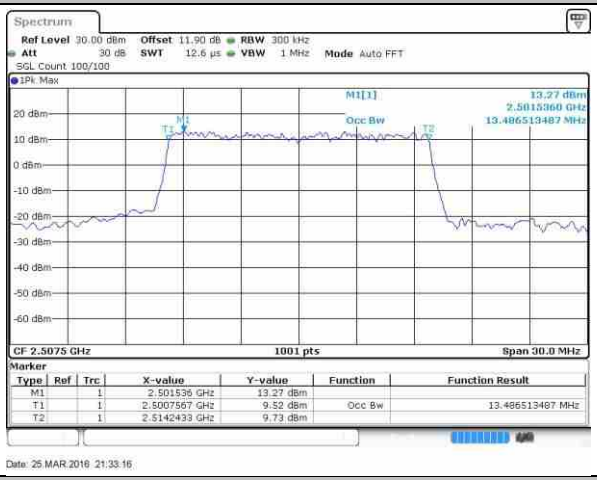


LTE Band 7

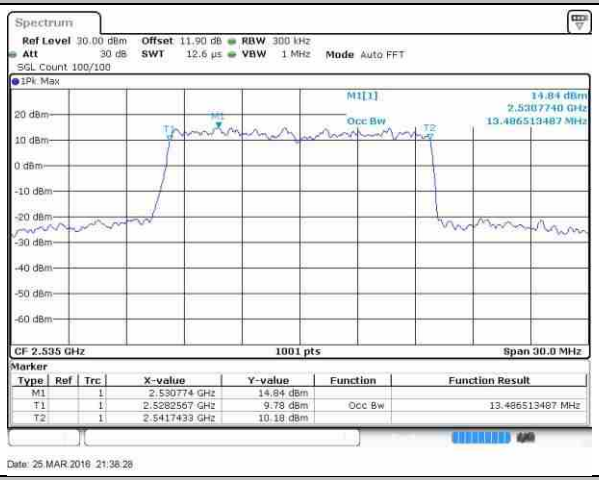
Lowest Channel / 15MHz / QPSK



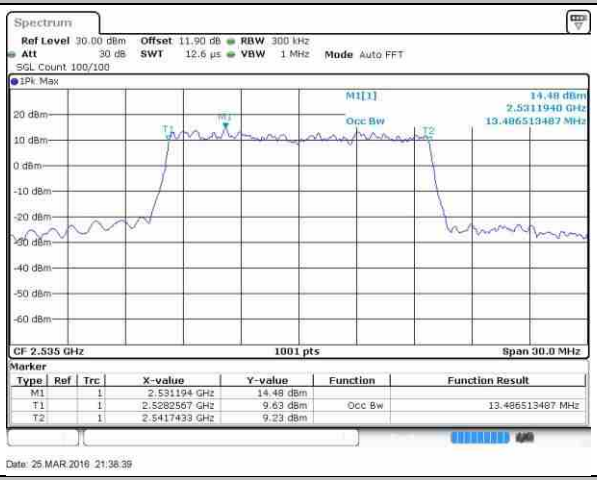
Lowest Channel / 15MHz / 16QAM



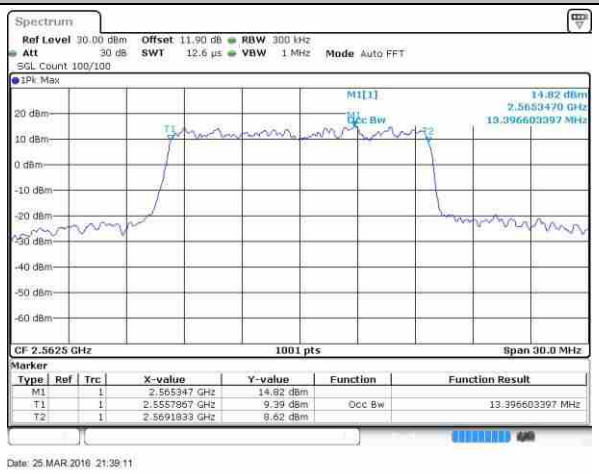
Middle Channel / 15MHz / QPSK



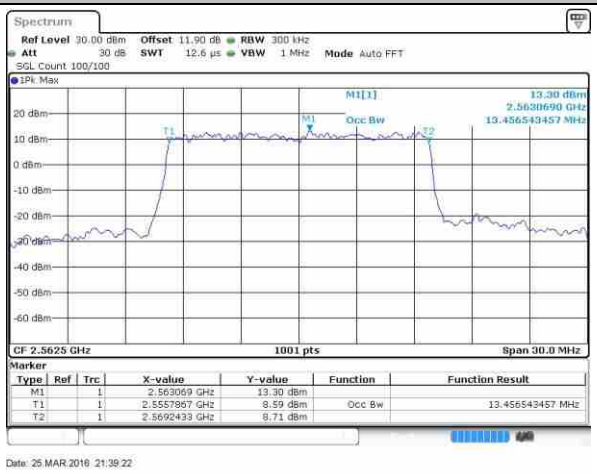
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

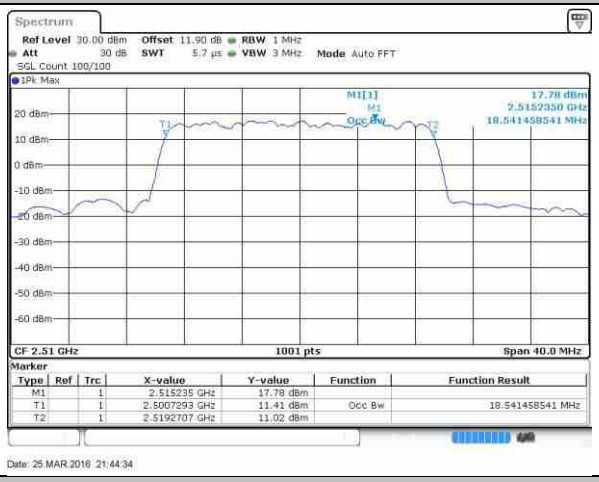


Highest Channel / 15MHz / 16QAM

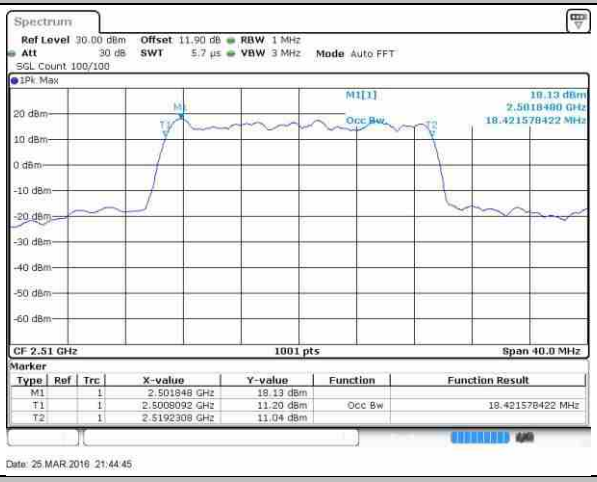


LTE Band 7

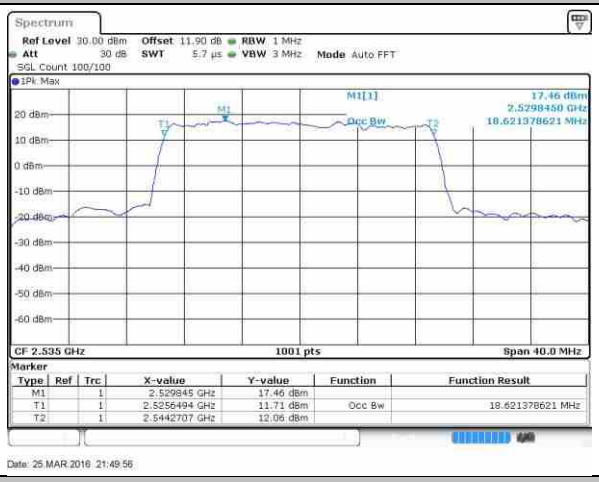
Lowest Channel / 20MHz / QPSK



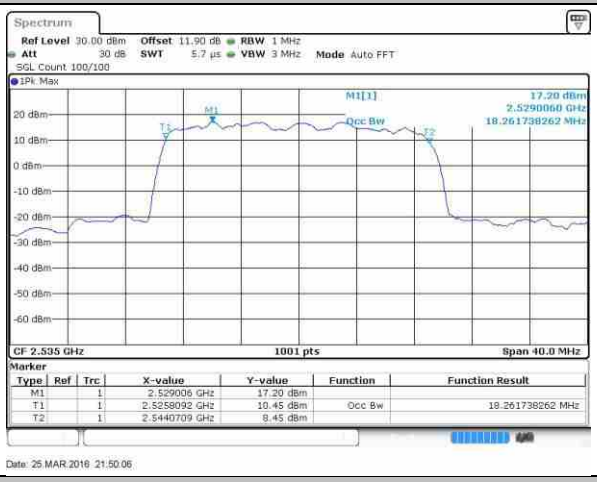
Lowest Channel / 20MHz / 16QAM



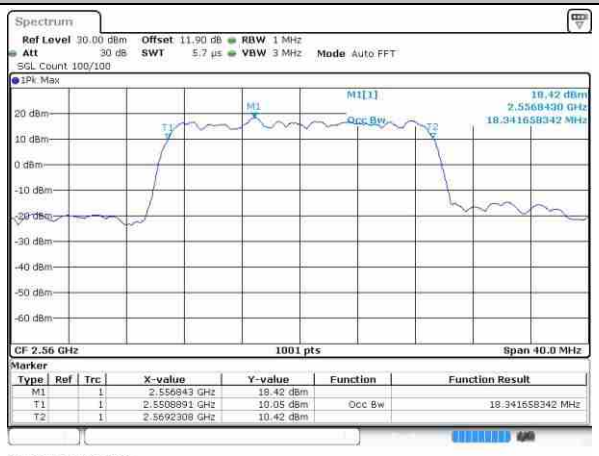
Middle Channel / 20MHz / QPSK



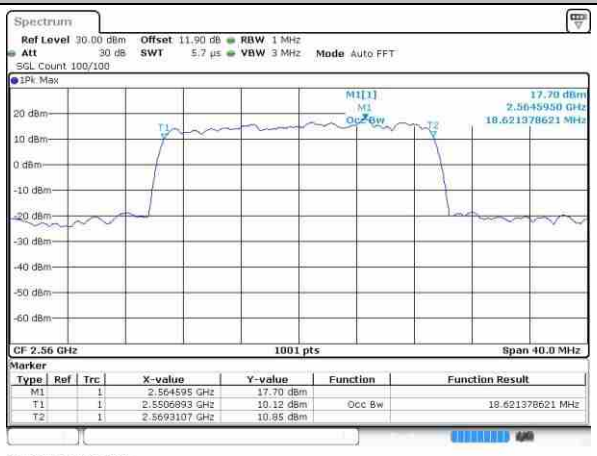
Middle Channel / 20MHz / 16QAM



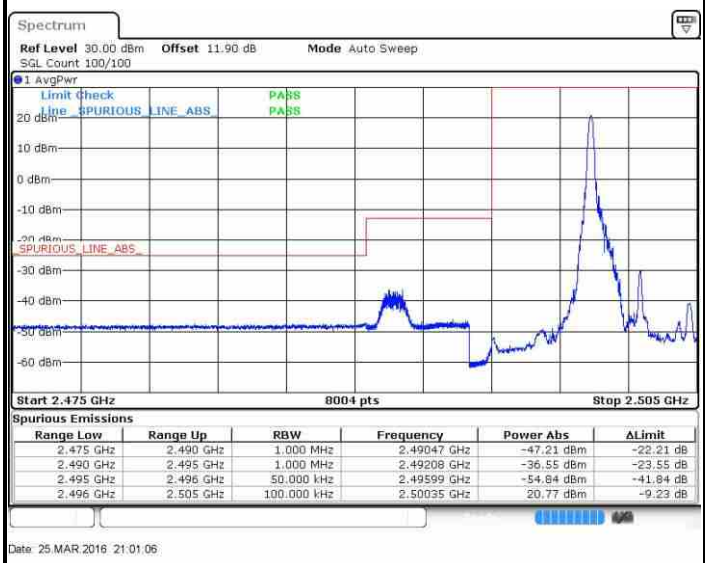
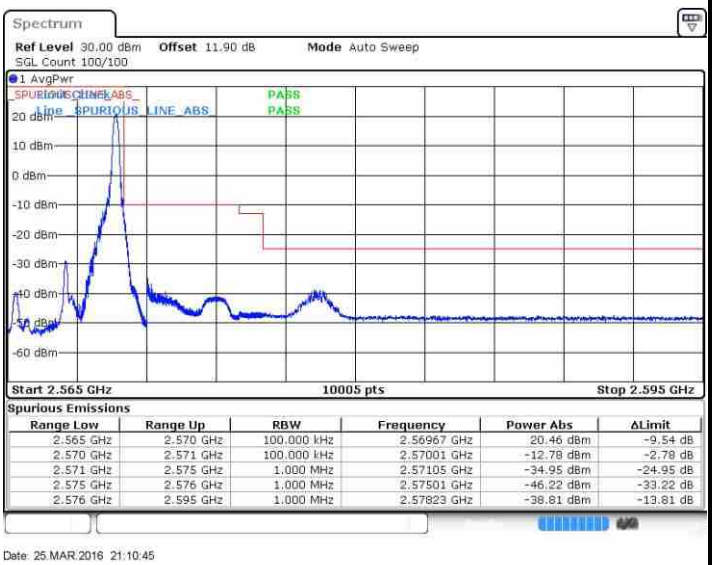
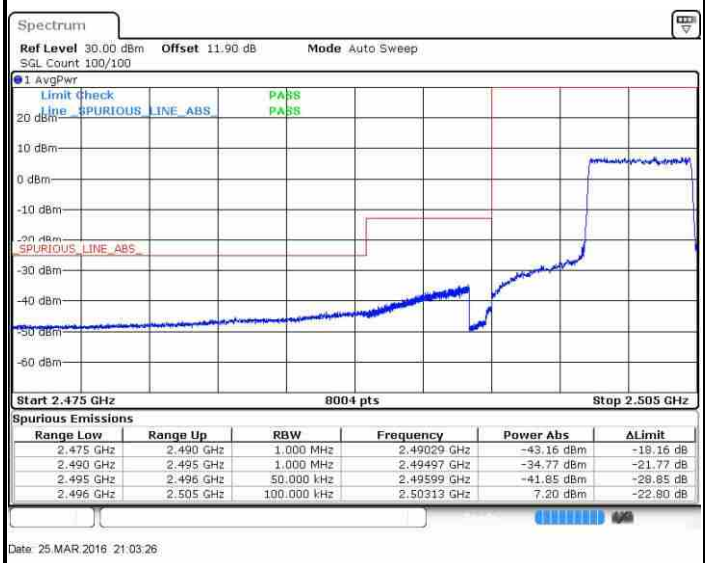
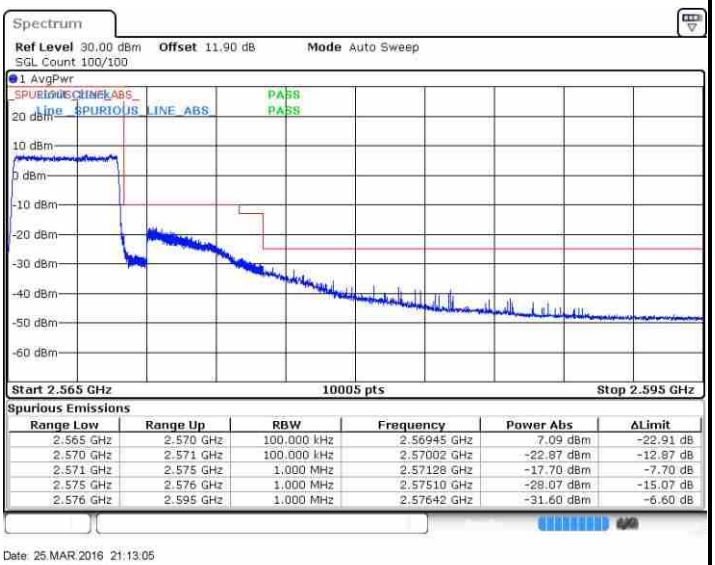
Highest Channel / 20MHz / QPSK

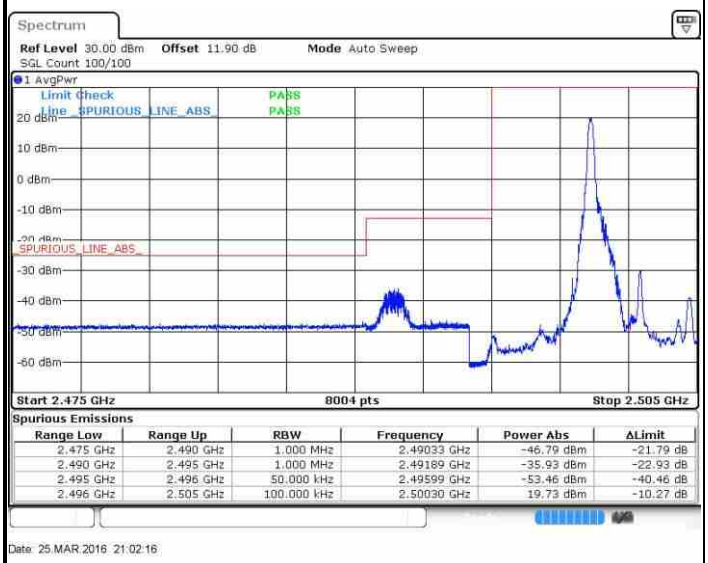
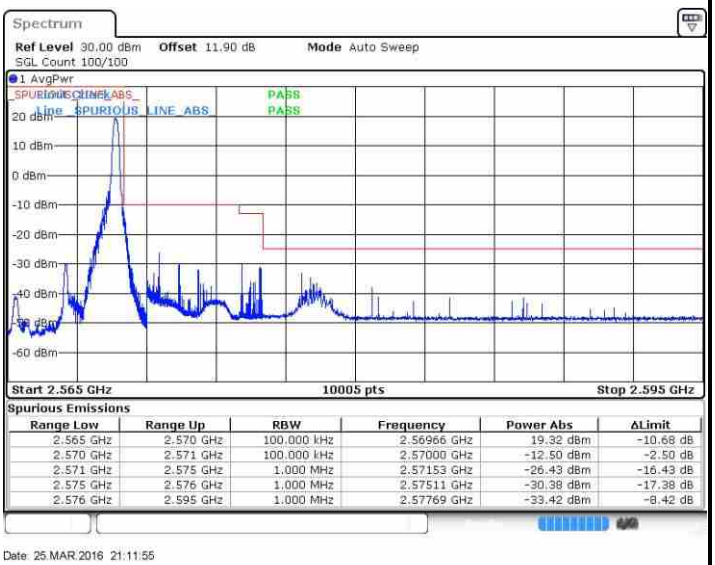
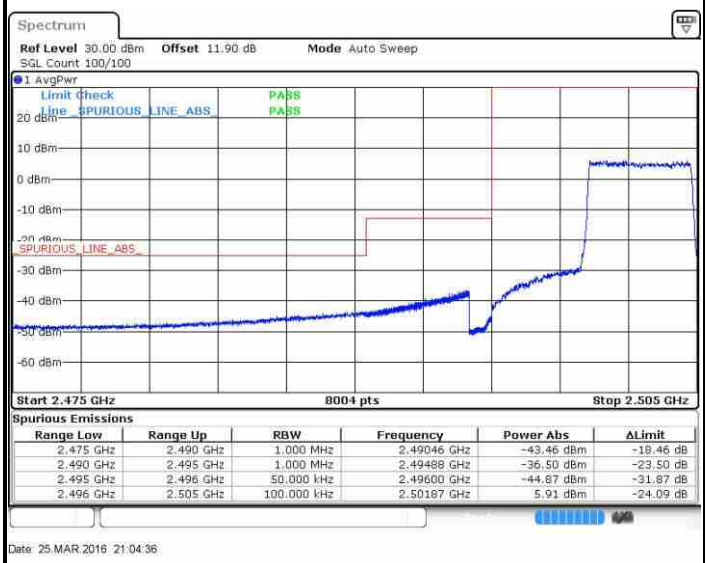
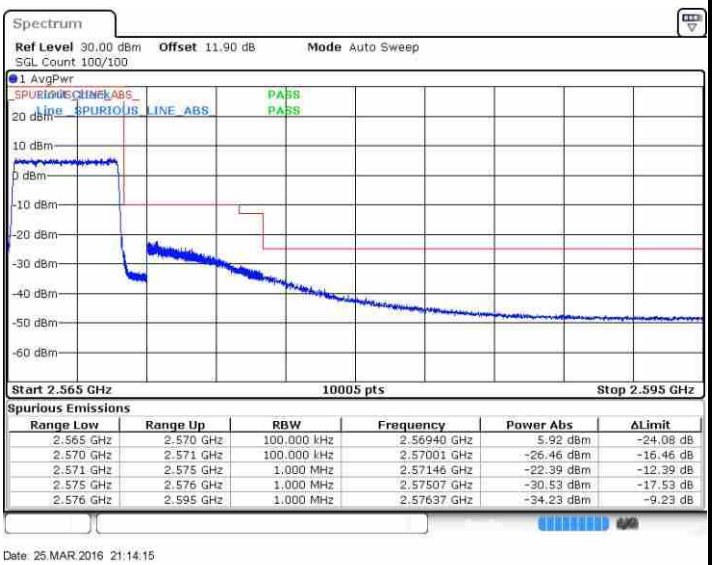


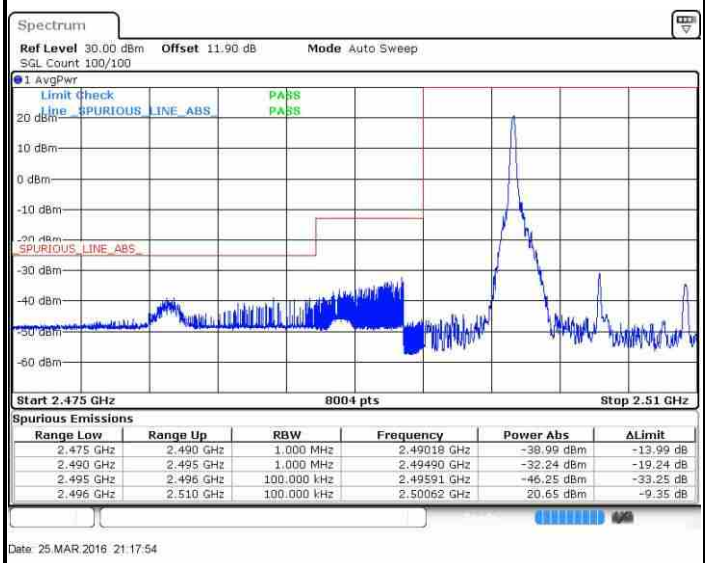
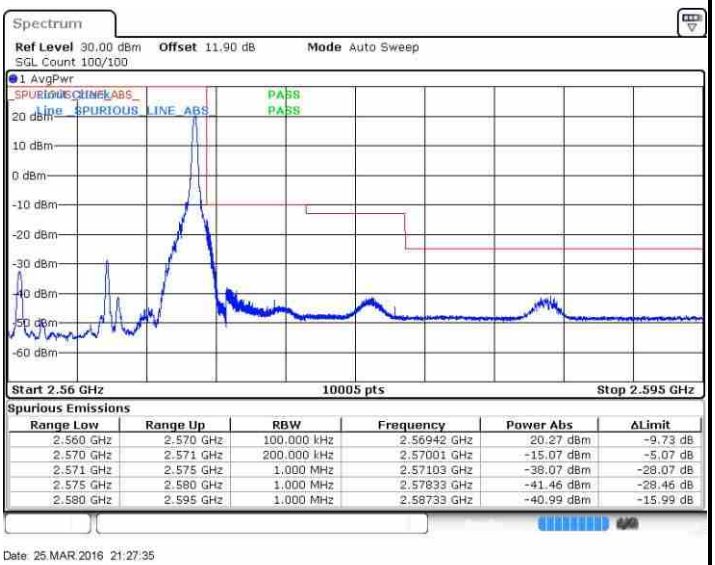
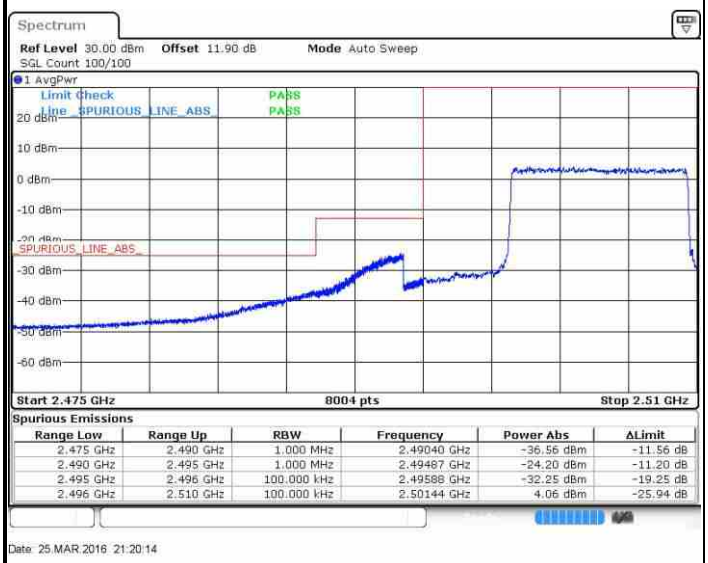
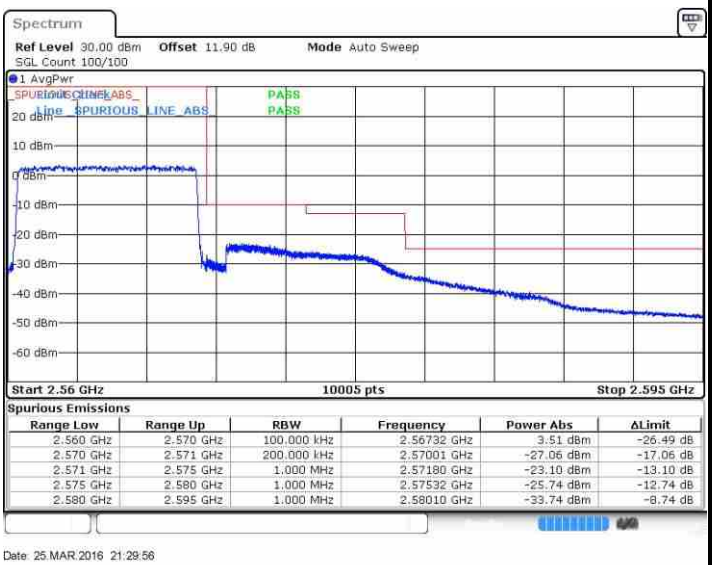
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

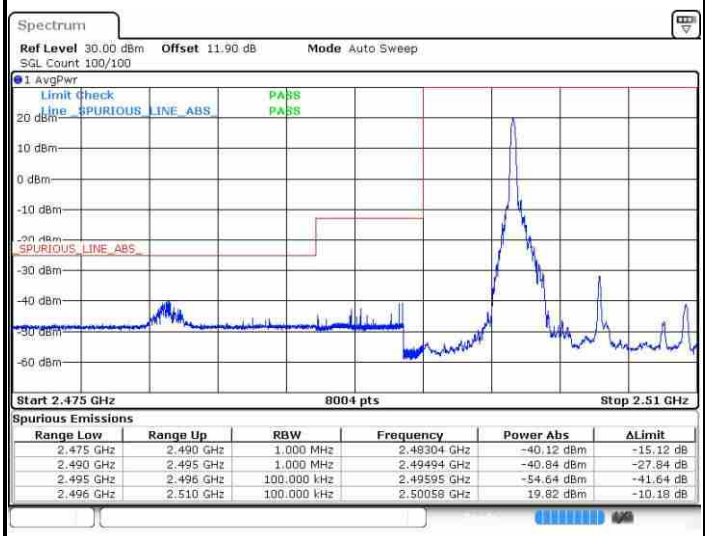
LTE Band 7 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 5MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

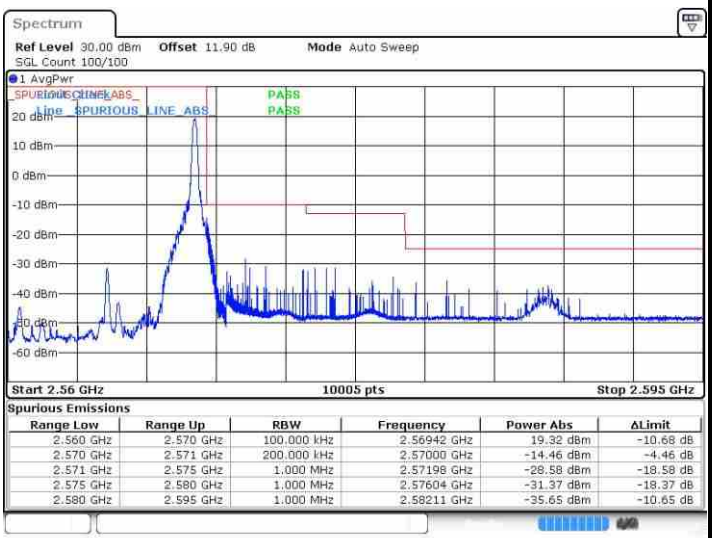


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48304 GHz	-40.12 dBm	-15.12 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-40.84 dBm	-27.84 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49595 GHz	-54.64 dBm	-41.64 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	19.82 dBm	-10.18 dB

Date: 25.MAR.2016 21:19:04

Highest Band Edge / 1 RB

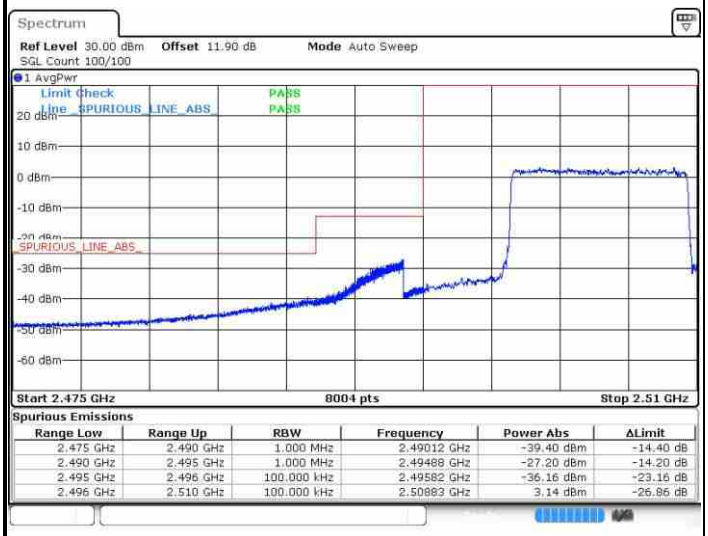


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	19.32 dBm	-10.68 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-14.46 dBm	-4.46 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57198 GHz	-28.58 dBm	-18.58 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57604 GHz	-31.37 dBm	-18.37 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58211 GHz	-35.65 dBm	-10.65 dB

Date: 25.MAR.2016 21:28:45

Lowest Band Edge / Full RB

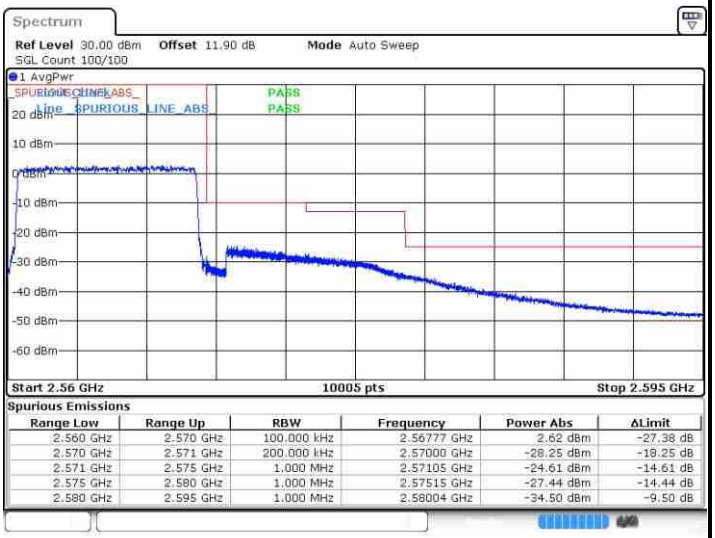


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49012 GHz	-39.40 dBm	-14.40 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-27.20 dBm	-14.20 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49582 GHz	-36.16 dBm	-23.16 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50883 GHz	3.14 dBm	-26.86 dB

Date: 25.MAR.2016 21:21:24

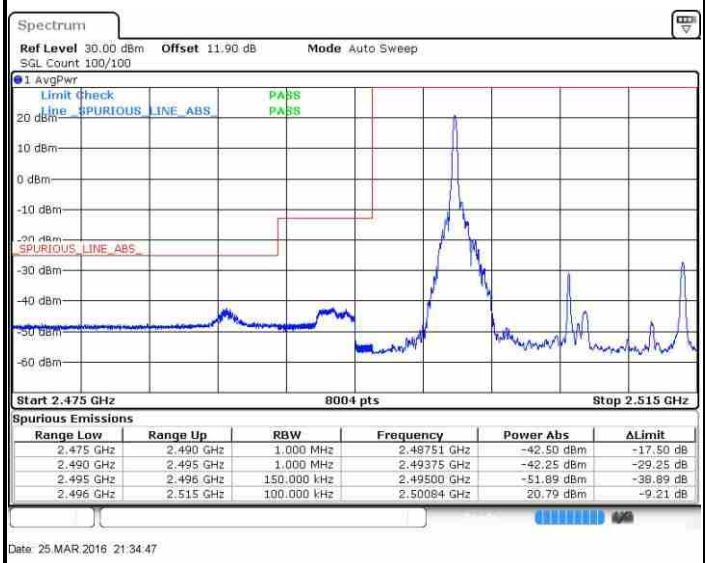
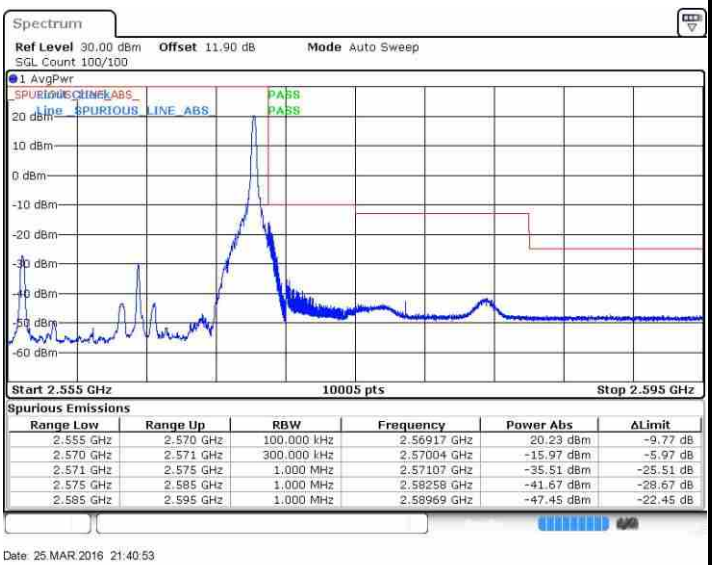
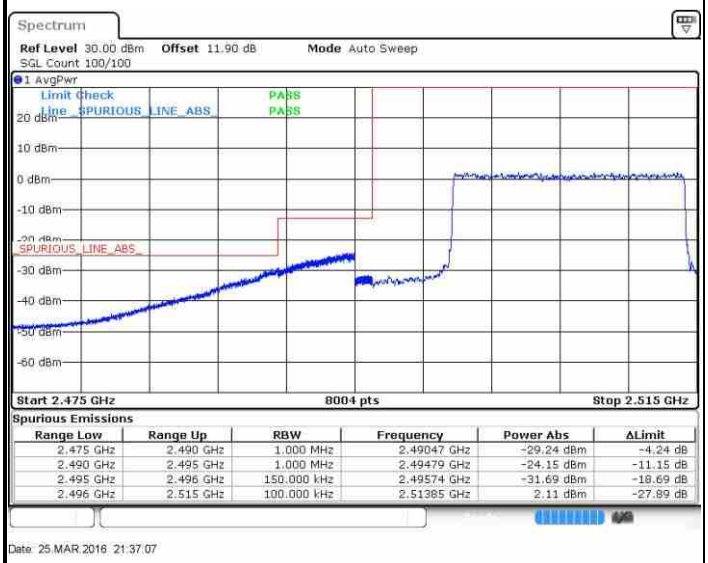
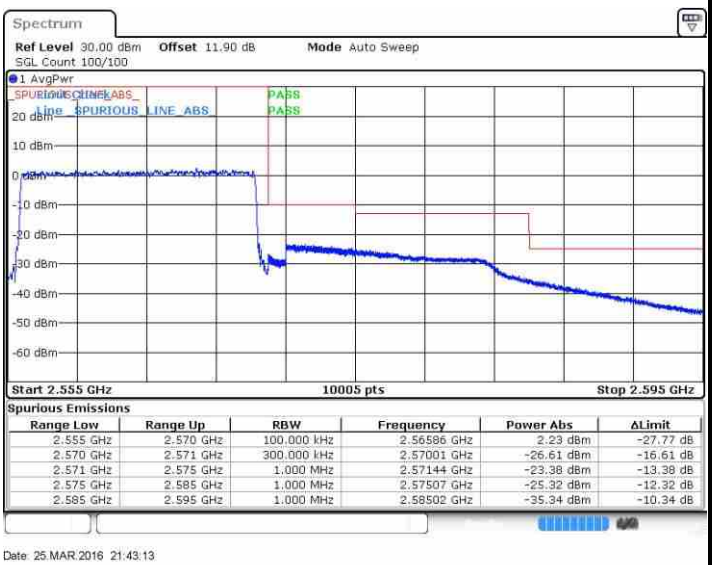
Highest Band Edge / Full RB

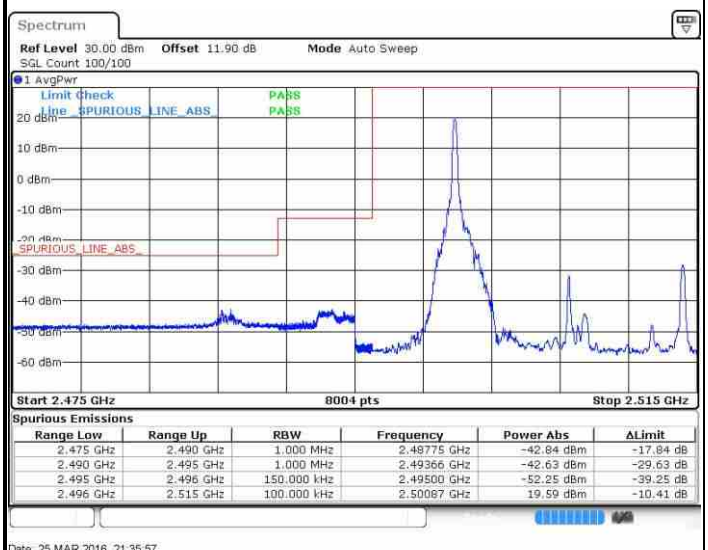
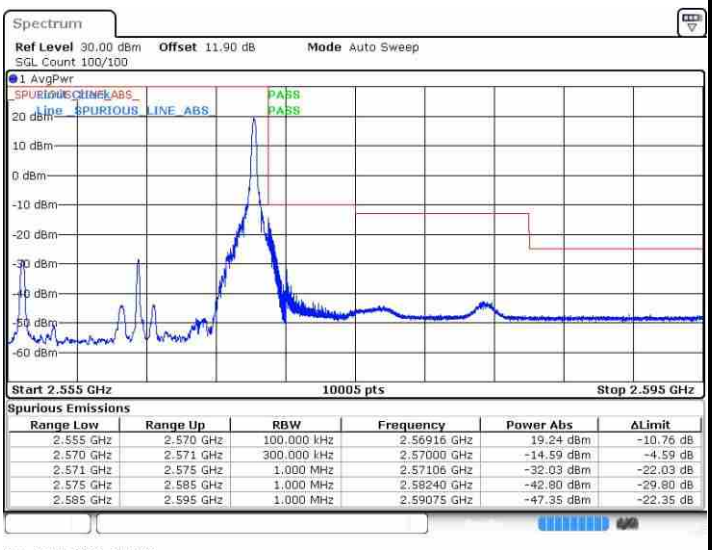
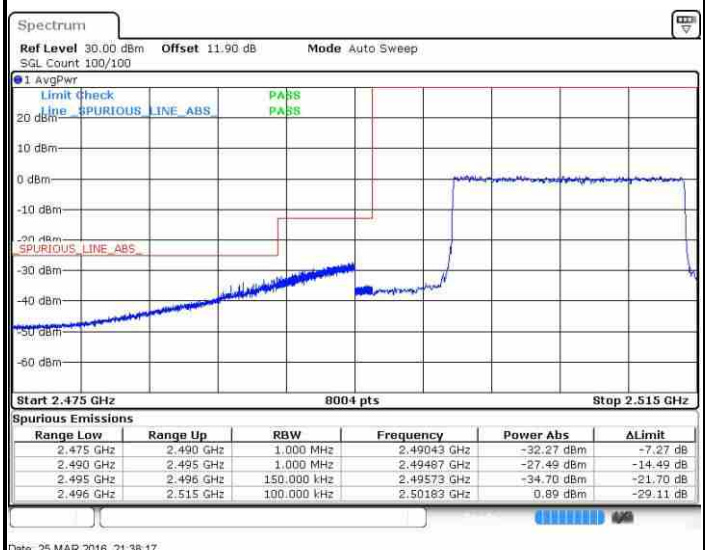
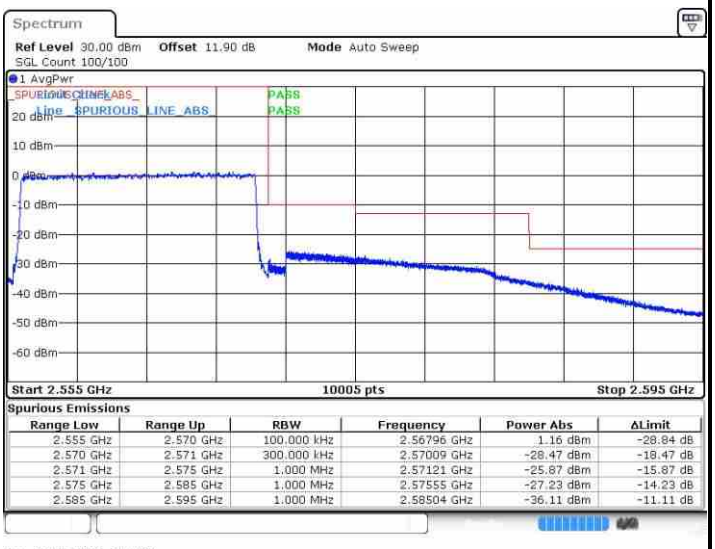


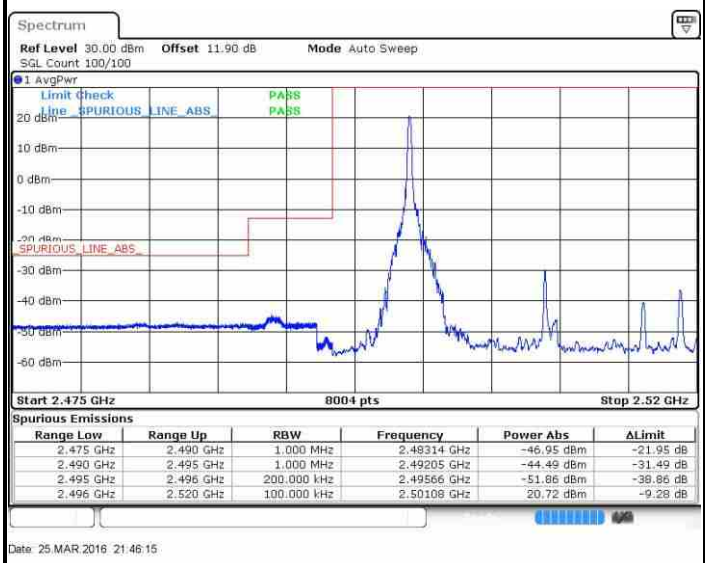
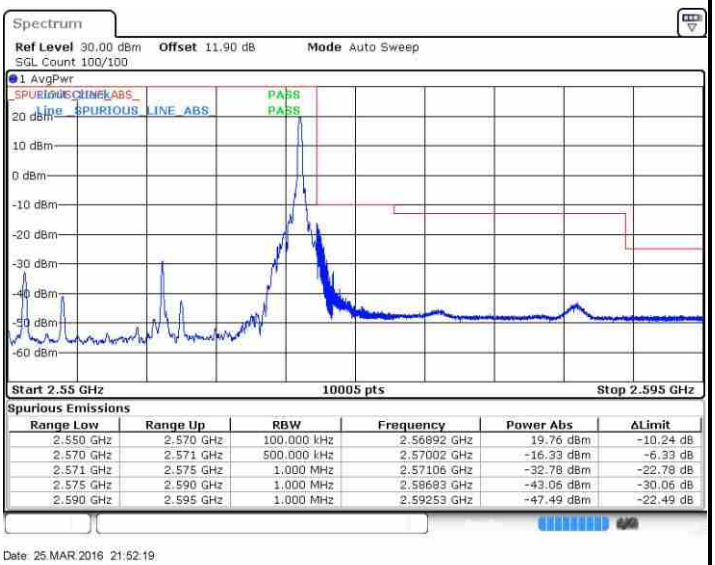
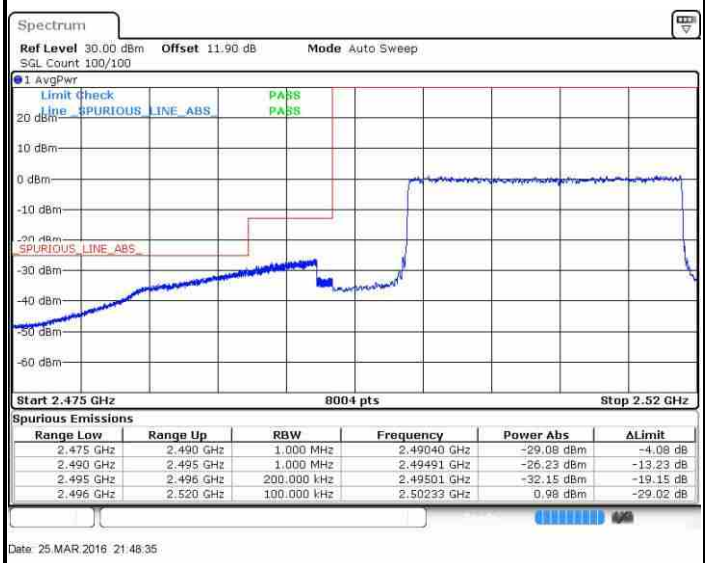
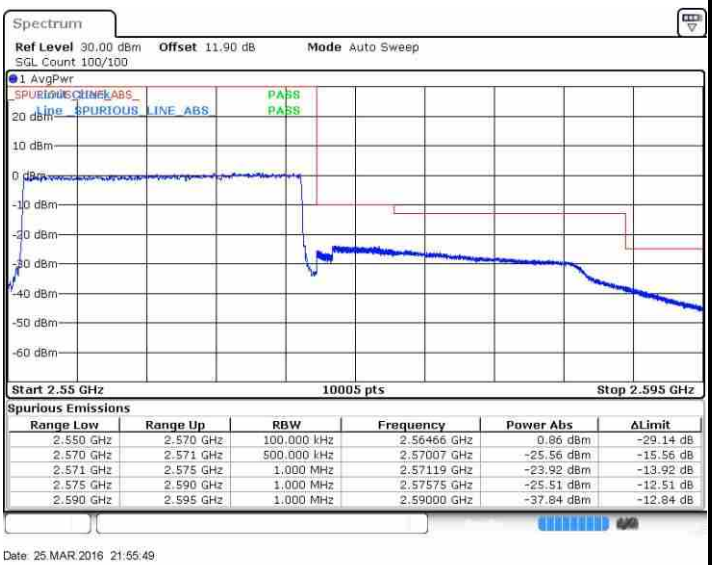
Spurious Emissions

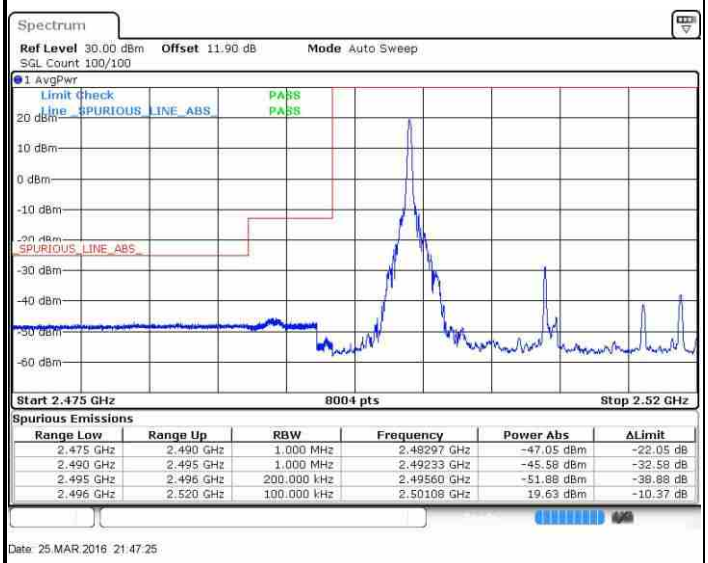
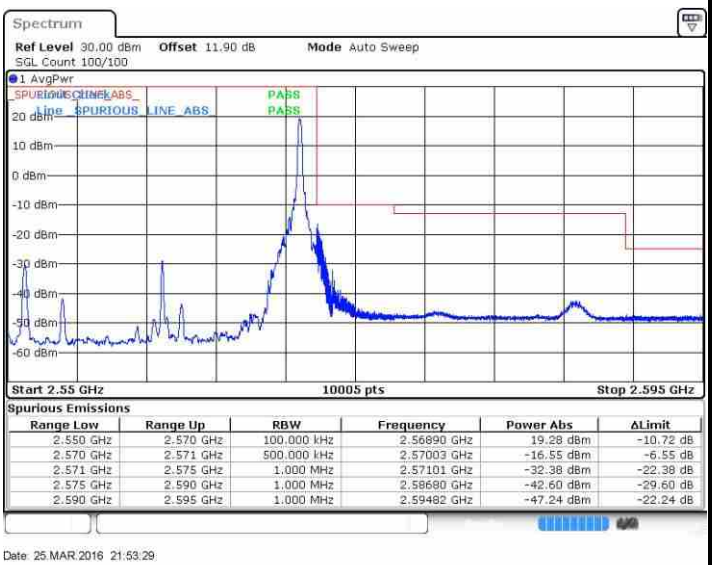
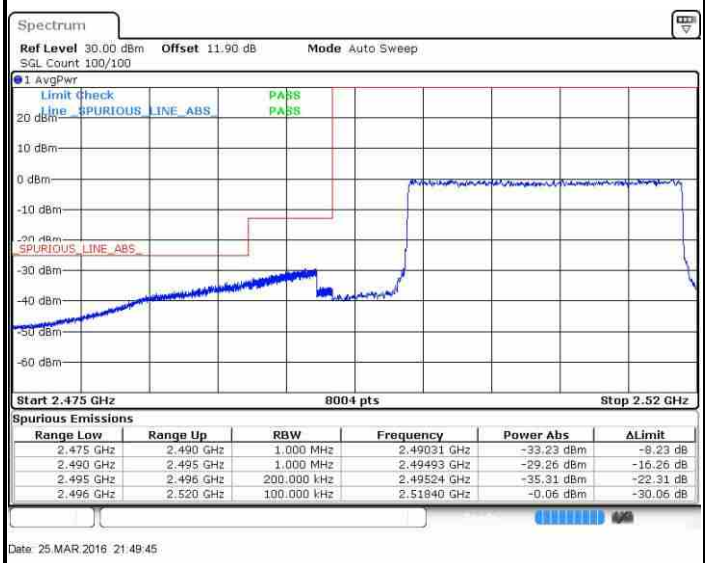
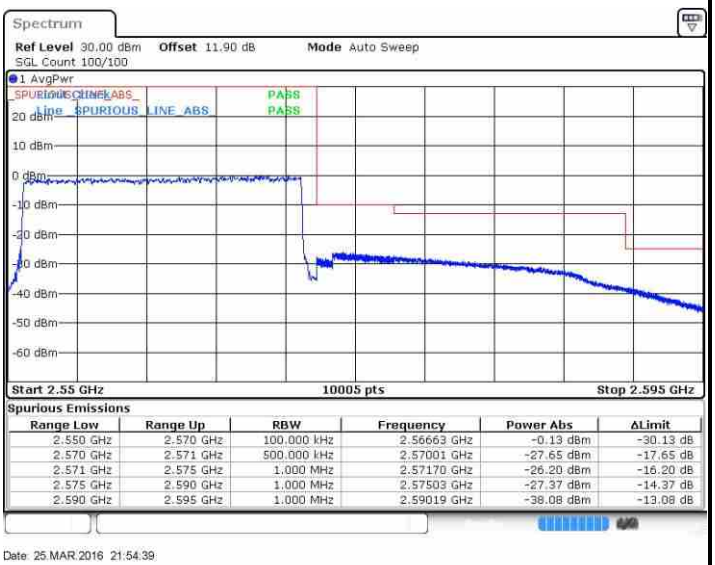
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56777 GHz	2.62 dBm	-27.38 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-28.25 dBm	-18.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-24.61 dBm	-14.61 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57515 GHz	-27.44 dBm	-14.44 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58004 GHz	-34.50 dBm	-9.50 dB

Date: 25.MAR.2016 21:31:06

LTE Band 7 / 15MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 7 / 15MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

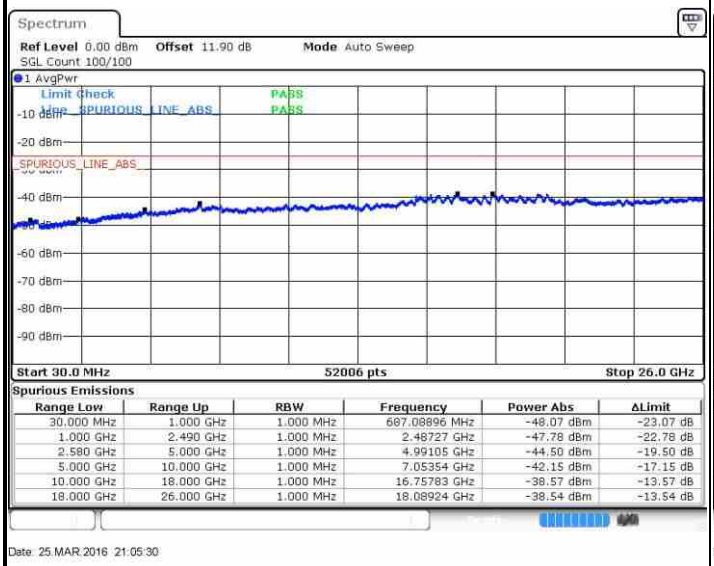
LTE Band 7 / 20MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

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

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

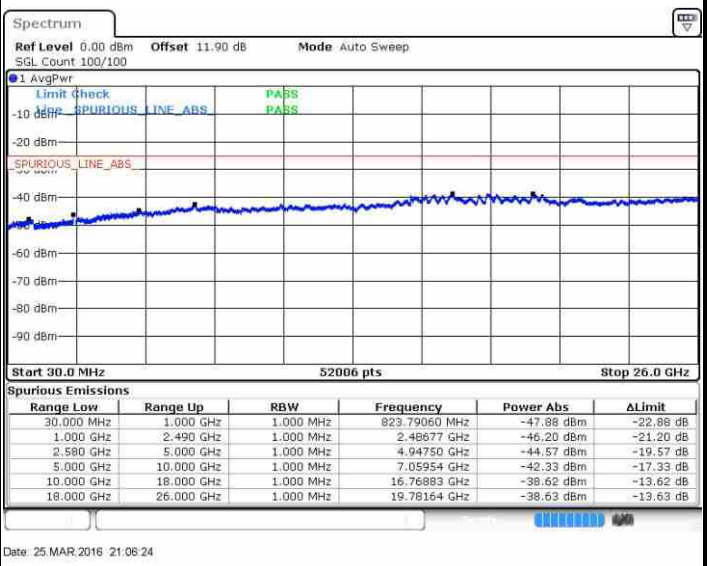


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	687.08896 MHz	-48.07 dBm	-23.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-47.78 dBm	-22.78 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99105 GHz	-44.50 dBm	-19.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05354 GHz	-42.15 dBm	-17.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.75783 GHz	-38.57 dBm	-13.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.08924 GHz	-38.54 dBm	-13.54 dB

Date: 25.MAR.2016 21:05:30

Lowest Channel / 16QAM

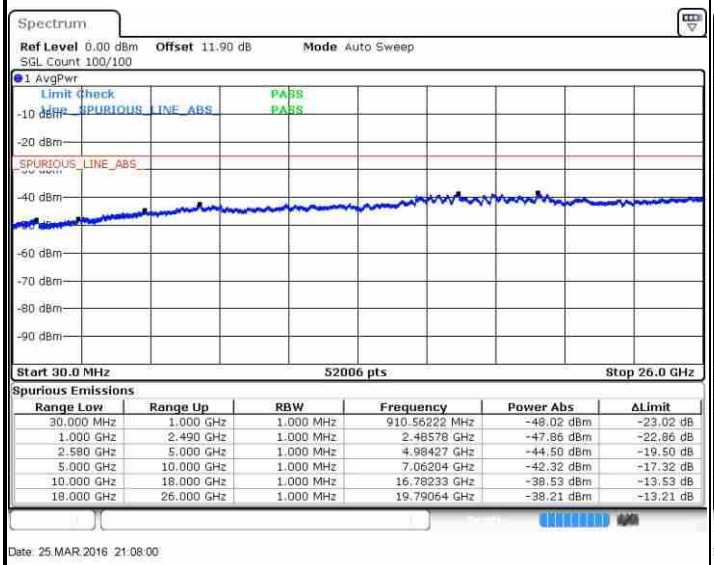


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	823.79060 MHz	-47.88 dBm	-22.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-46.20 dBm	-21.20 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.94750 GHz	-44.57 dBm	-19.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05954 GHz	-42.33 dBm	-17.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.76883 GHz	-38.62 dBm	-13.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78164 GHz	-38.63 dBm	-13.63 dB

Date: 25.MAR.2016 21:06:24

Middle Channel / QPSK

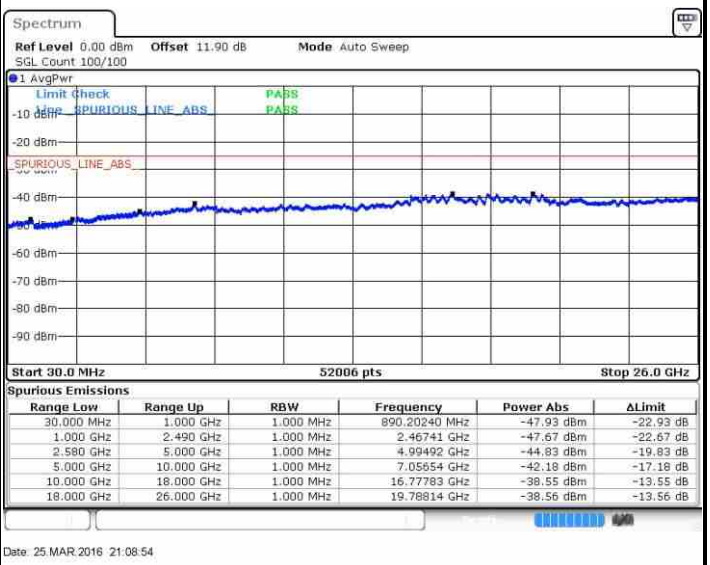


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.56222 MHz	-48.02 dBm	-23.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-47.86 dBm	-22.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-44.50 dBm	-19.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.06204 GHz	-42.32 dBm	-17.32 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78233 GHz	-38.53 dBm	-13.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79064 GHz	-38.21 dBm	-13.21 dB

Date: 25.MAR.2016 21:08:00

Middle Channel / 16QAM



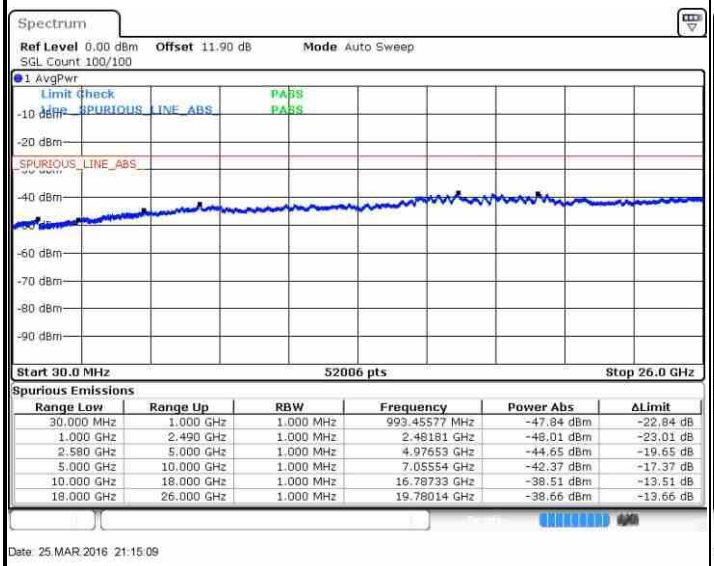
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46741 GHz	-47.67 dBm	-22.67 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99492 GHz	-44.83 dBm	-19.83 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05654 GHz	-42.18 dBm	-17.18 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77783 GHz	-38.55 dBm	-13.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78814 GHz	-38.56 dBm	-13.56 dB

Date: 25.MAR.2016 21:08:54

LTE Band 7 / 5MHz

Highest Channel / QPSK

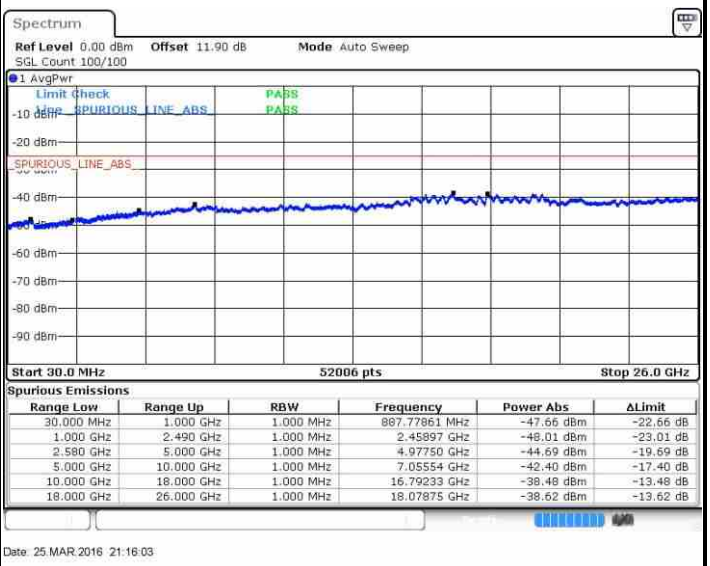


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.84 dBm	-22.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-48.01 dBm	-23.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97653 GHz	-44.65 dBm	-19.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05554 GHz	-42.37 dBm	-17.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78733 GHz	-38.51 dBm	-13.51 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78014 GHz	-38.66 dBm	-13.66 dB

Date: 25.MAR.2016 21:15:09

Highest Channel / 16QAM



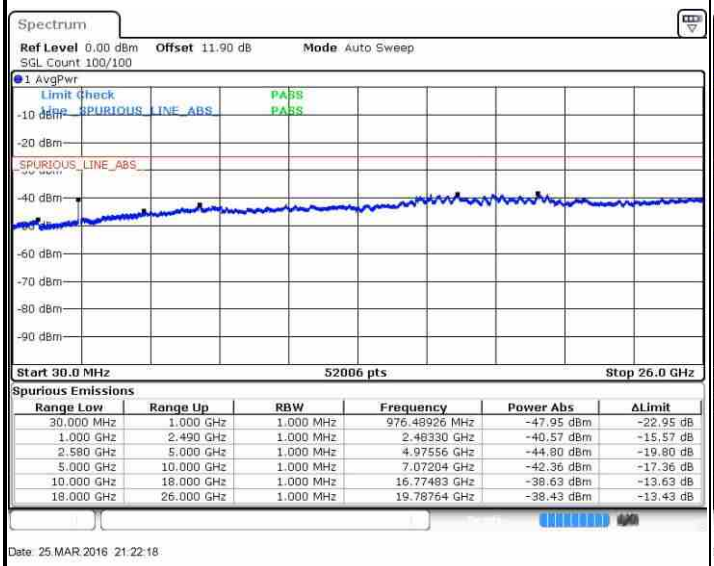
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.77861 MHz	-47.66 dBm	-22.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45897 GHz	-48.01 dBm	-23.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97750 GHz	-44.69 dBm	-19.69 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05554 GHz	-42.40 dBm	-17.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.79233 GHz	-38.48 dBm	-13.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.07875 GHz	-38.62 dBm	-13.62 dB

Date: 25.MAR.2016 21:16:03

LTE Band 7 / 10MHz

Lowest Channel / QPSK

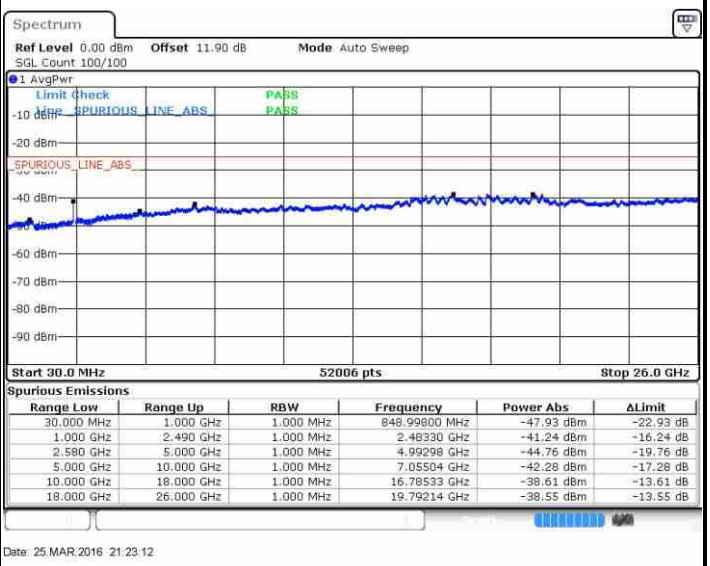


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.95 dBm	-22.95 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-40.57 dBm	-15.57 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97556 GHz	-44.80 dBm	-19.80 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.07204 GHz	-42.36 dBm	-17.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.77483 GHz	-38.63 dBm	-13.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78764 GHz	-38.43 dBm	-13.43 dB

Date: 25.MAR.2016 21:22:18

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.99800 MHz	-47.93 dBm	-22.93 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-41.24 dBm	-16.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99298 GHz	-44.76 dBm	-19.76 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.05504 GHz	-42.28 dBm	-17.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.78533 GHz	-38.61 dBm	-13.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.79214 GHz	-38.55 dBm	-13.55 dB

Date: 25.MAR.2016 21:23:12