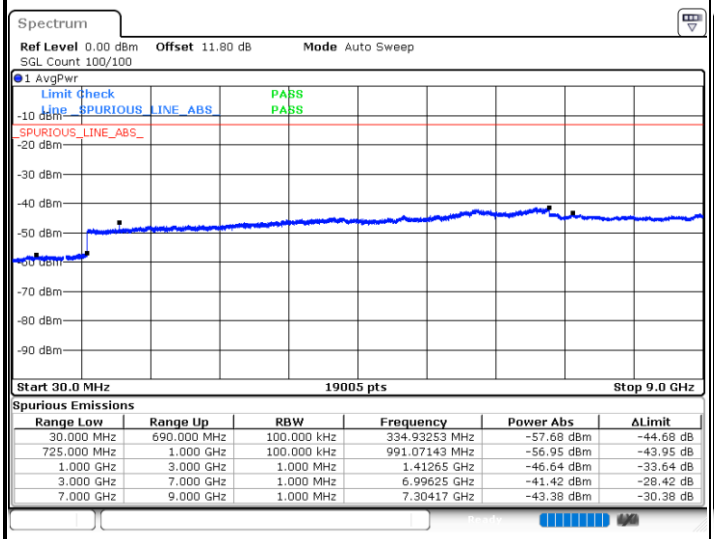
LTE Band 12 / 3MHz

Middle Channel / QPSK

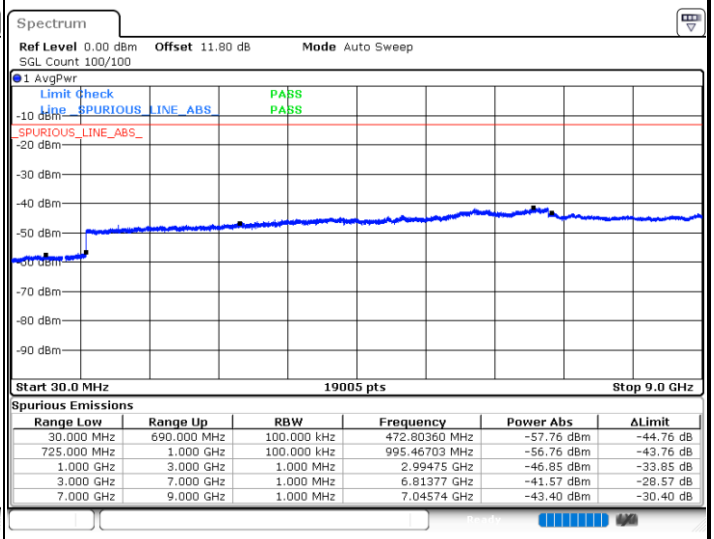


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	334.93253 MHz	-57.68 dBm	-44.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.07143 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-41.42 dBm	-28.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.30417 GHz	-43.38 dBm	-30.38 dB

Date: 6.JAN.2018 19:08:48

Middle Channel / 16QAM

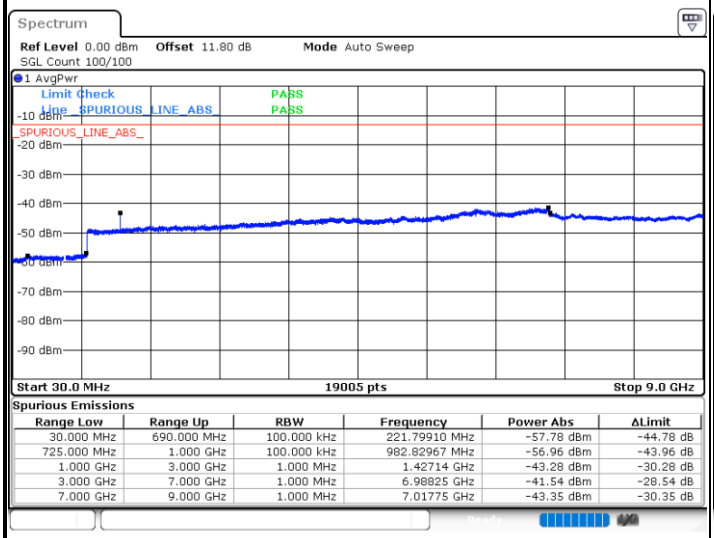


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	472.80360 MHz	-57.76 dBm	-44.76 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-56.76 dBm	-43.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99475 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81377 GHz	-41.57 dBm	-28.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04574 GHz	-43.40 dBm	-30.40 dB

Date: 6.JAN.2018 19:07:55

Highest Channel / QPSK

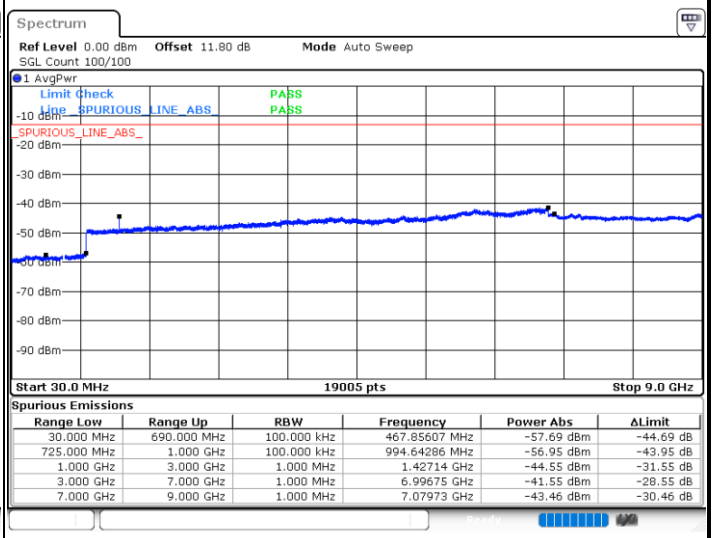


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	221.79910 MHz	-57.78 dBm	-44.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	982.82967 MHz	-56.96 dBm	-43.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42714 GHz	-43.28 dBm	-30.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-41.54 dBm	-28.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01775 GHz	-43.35 dBm	-30.35 dB

Date: 6.JAN.2018 19:14:52

Highest Channel / 16QAM



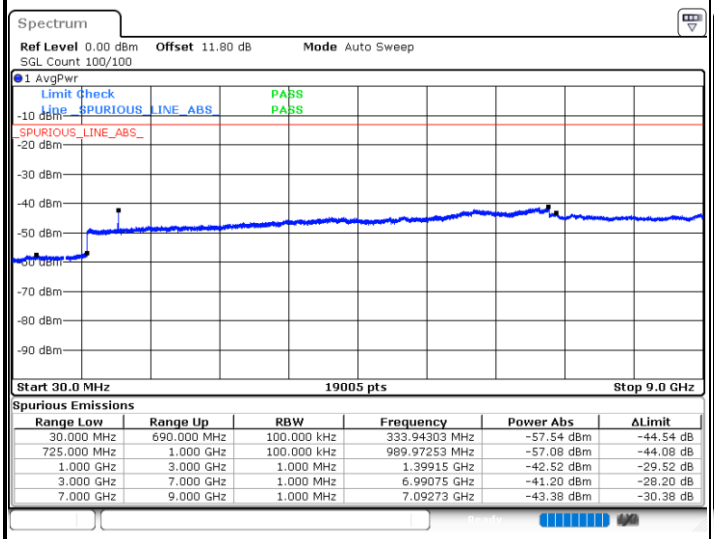
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	467.85607 MHz	-57.69 dBm	-44.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	994.64286 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42714 GHz	-44.55 dBm	-31.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-41.55 dBm	-28.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07973 GHz	-43.46 dBm	-30.46 dB

Date: 6.JAN.2018 19:15:45

LTE Band 12 / 5MHz

Lowest Channel / QPSK

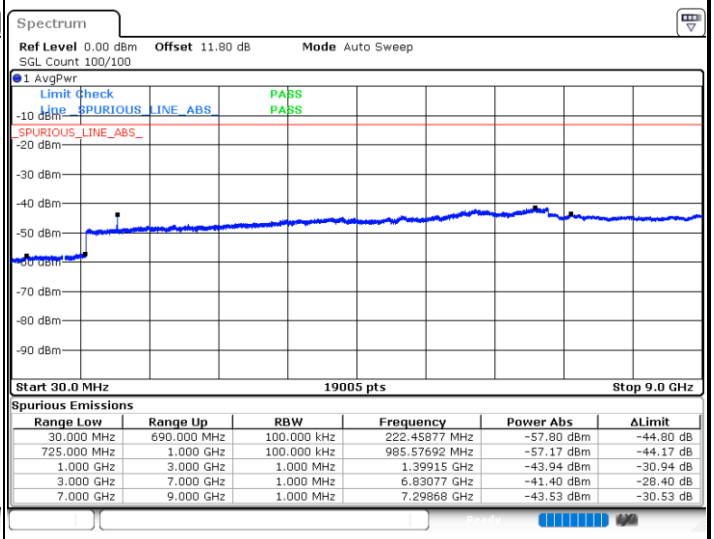


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	333.94303 MHz	-57.54 dBm	-44.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.97253 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-42.52 dBm	-29.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.20 dBm	-28.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.09273 GHz	-43.38 dBm	-30.38 dB

Date: 6.JAN.2018 19:21:49

Lowest Channel / 16QAM

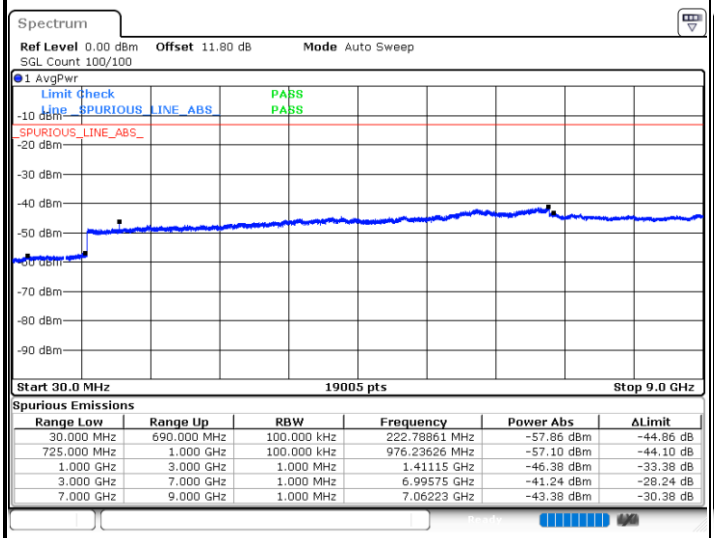


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	222.45877 MHz	-57.80 dBm	-44.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	985.57692 MHz	-57.17 dBm	-44.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-43.94 dBm	-30.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83077 GHz	-41.40 dBm	-28.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.29868 GHz	-43.53 dBm	-30.53 dB

Date: 6.JAN.2018 19:22:42

Middle Channel / QPSK

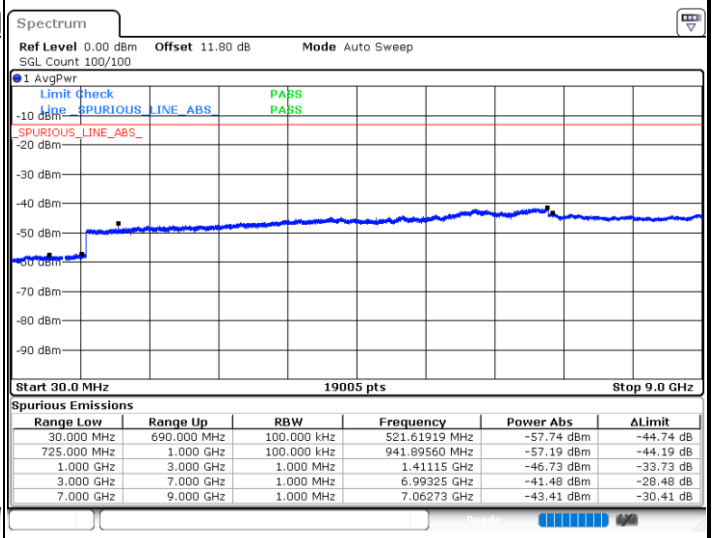


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	222.78861 MHz	-57.86 dBm	-44.86 dB
725.000 MHz	1.000 GHz	100.000 kHz	976.23626 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-46.38 dBm	-33.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-41.24 dBm	-28.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06223 GHz	-43.38 dBm	-30.38 dB

Date: 6.JAN.2018 19:25:07

Middle Channel / 16QAM



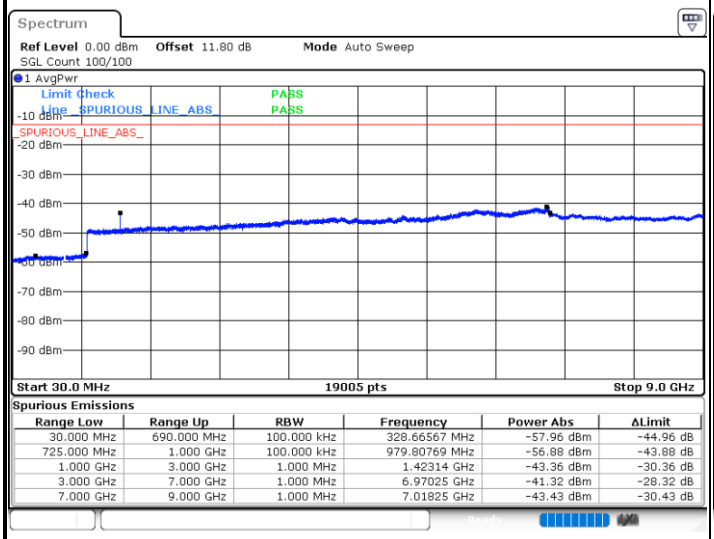
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	521.61919 MHz	-57.74 dBm	-44.74 dB
725.000 MHz	1.000 GHz	100.000 kHz	941.89560 MHz	-57.19 dBm	-44.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-41.48 dBm	-28.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06273 GHz	-43.41 dBm	-30.41 dB

Date: 6.JAN.2018 19:24:14

LTE Band 12 / 5MHz

Highest Channel / QPSK

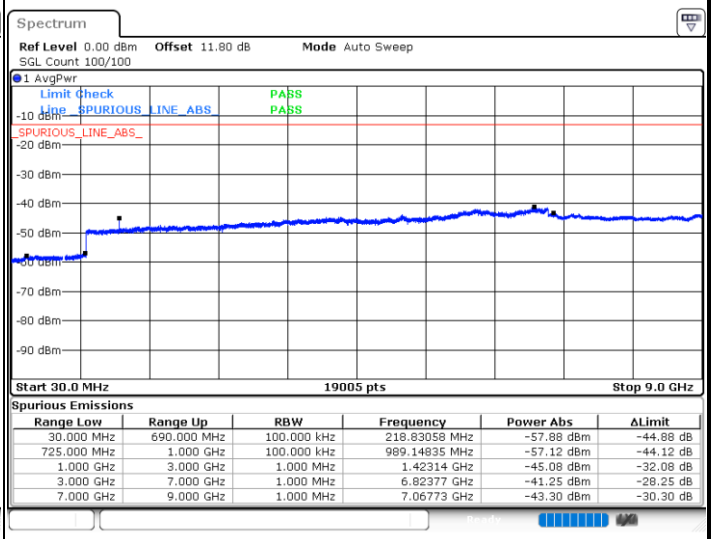


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	328.66567 MHz	-57.96 dBm	-44.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	979.80769 MHz	-56.88 dBm	-43.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-43.36 dBm	-30.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97025 GHz	-41.32 dBm	-28.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01825 GHz	-43.43 dBm	-30.43 dB

Date: 6.JAN.2018 19:32:04

Highest Channel / 16QAM



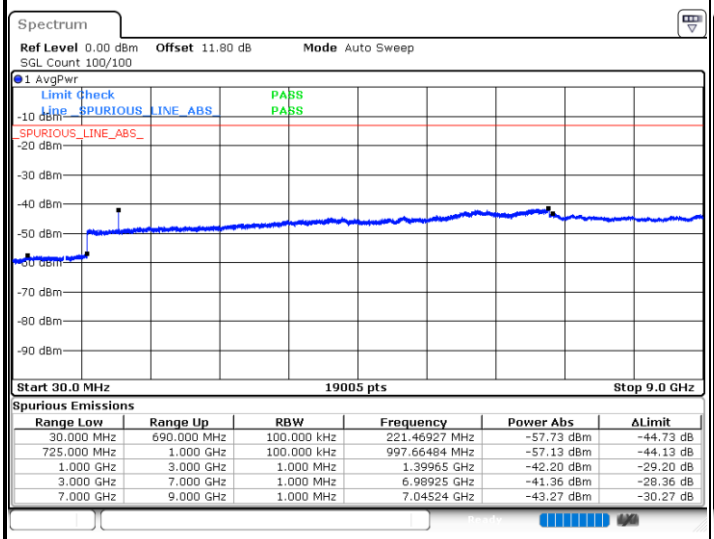
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	218.83058 MHz	-57.88 dBm	-44.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	989.14835 MHz	-57.12 dBm	-44.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.08 dBm	-32.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.82377 GHz	-41.25 dBm	-28.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06773 GHz	-43.30 dBm	-30.30 dB

Date: 6.JAN.2018 19:31:11

LTE Band 12 / 10MHz

Lowest Channel / QPSK

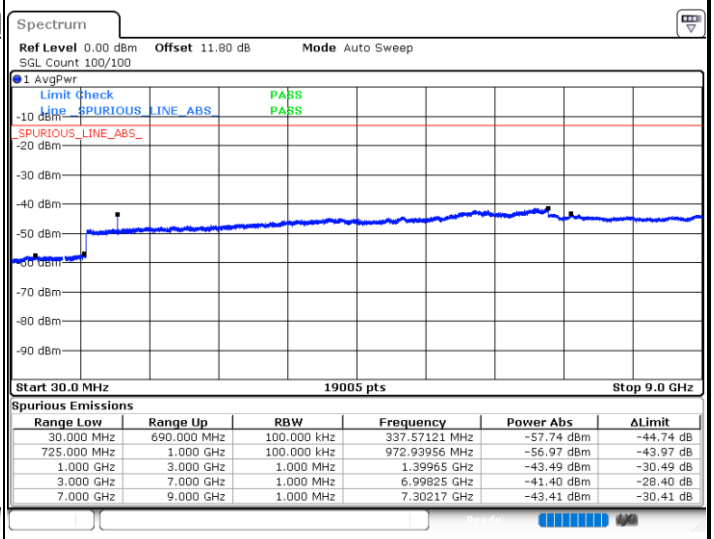


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	221.46927 MHz	-57.73 dBm	-44.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	997.66484 MHz	-57.13 dBm	-44.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-42.20 dBm	-29.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.36 dBm	-28.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04524 GHz	-43.27 dBm	-30.27 dB

Date: 6.JAN.2018 19:38:07

Lowest Channel / 16QAM



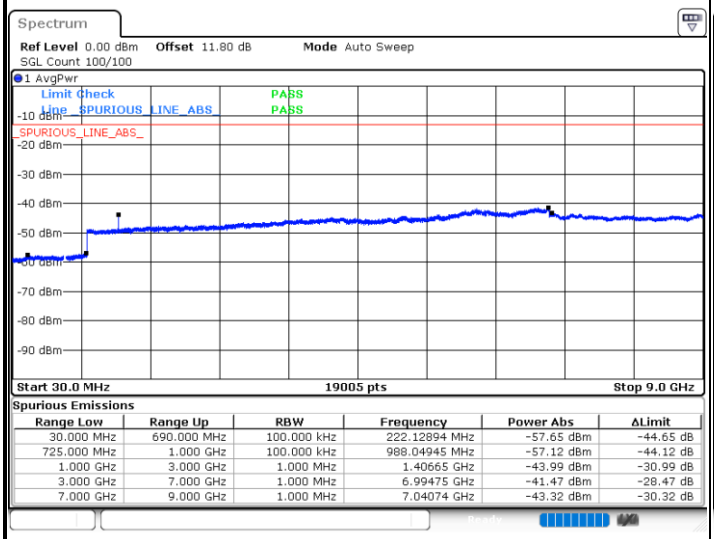
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	337.57121 MHz	-57.74 dBm	-44.74 dB
725.000 MHz	1.000 GHz	100.000 kHz	972.93956 MHz	-56.97 dBm	-43.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-41.40 dBm	-28.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.30217 GHz	-43.41 dBm	-30.41 dB

Date: 6.JAN.2018 19:39:00

LTE Band 12 / 10MHz

Middle Channel / QPSK

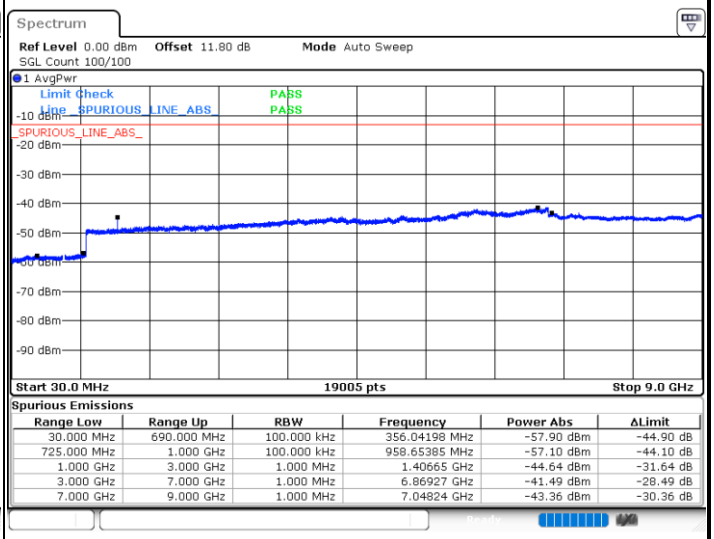


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	222.12894 MHz	-57.65 dBm	-44.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	988.04945 MHz	-57.12 dBm	-44.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-43.99 dBm	-30.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-41.47 dBm	-28.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04074 GHz	-43.32 dBm	-30.32 dB

Date: 6.JAN.2018 19:41:25

Middle Channel / 16QAM

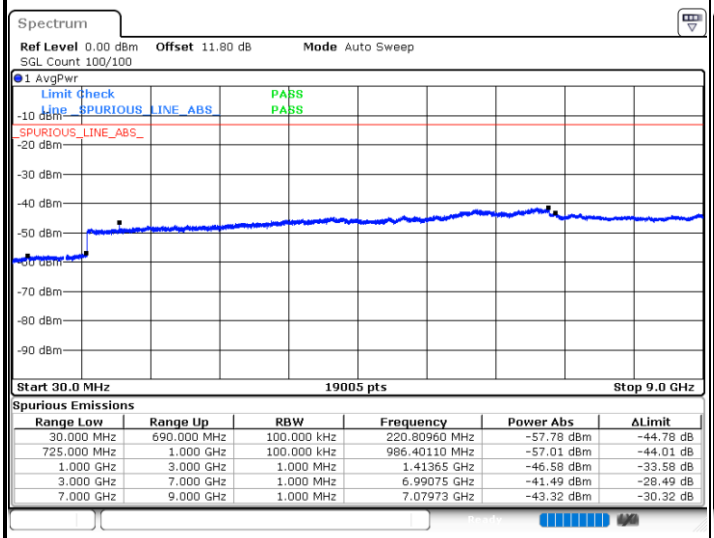


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	356.04198 MHz	-57.90 dBm	-44.90 dB
725.000 MHz	1.000 GHz	100.000 kHz	958.65385 MHz	-57.10 dBm	-44.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-44.64 dBm	-31.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86927 GHz	-41.49 dBm	-28.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04824 GHz	-43.36 dBm	-30.36 dB

Date: 6.JAN.2018 19:40:32

Highest Channel / QPSK

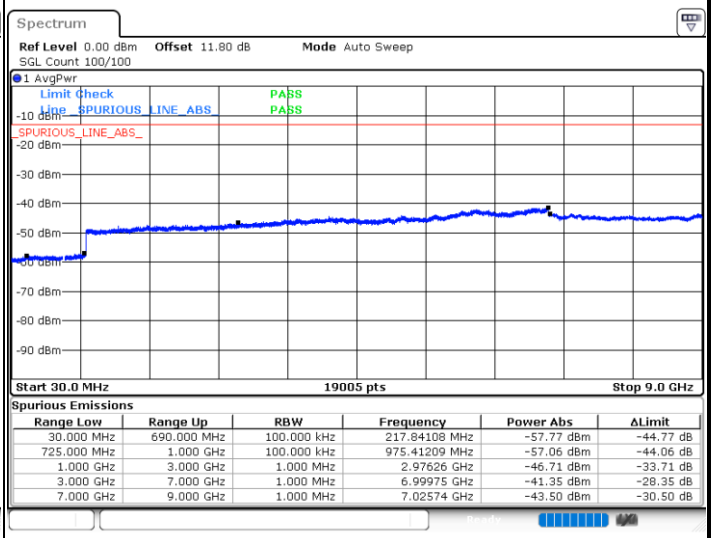


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	220.80960 MHz	-57.78 dBm	-44.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	986.40110 MHz	-57.01 dBm	-44.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.49 dBm	-28.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07973 GHz	-43.32 dBm	-30.32 dB

Date: 6.JAN.2018 19:47:28

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	217.84108 MHz	-57.77 dBm	-44.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.41209 MHz	-57.06 dBm	-44.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97626 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-41.35 dBm	-28.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02574 GHz	-43.50 dBm	-30.50 dB

Date: 6.JAN.2018 19:48:21

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

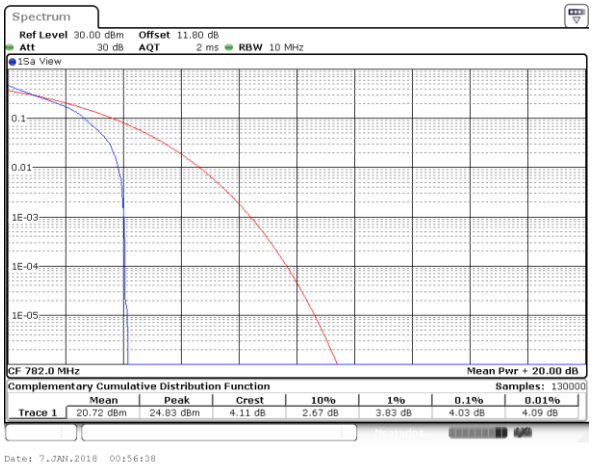
LTE Band 13

Peak-to-Average Ratio

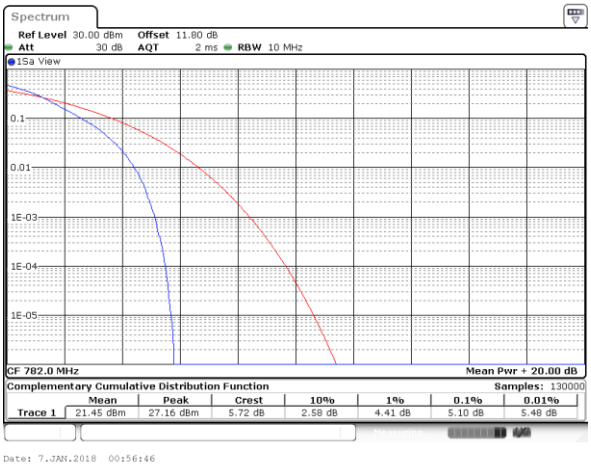
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.03	5.1	5.36	6.14	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB

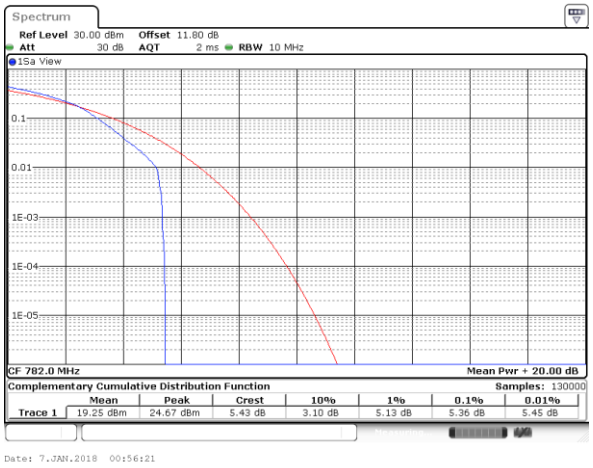


Middle Channel / Full RB

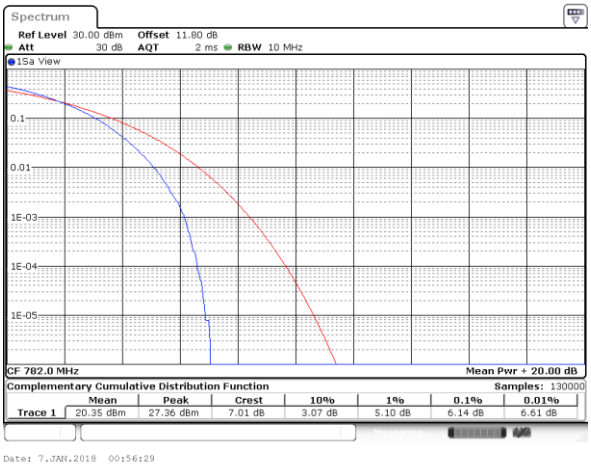


LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Middle Channel / Full RB

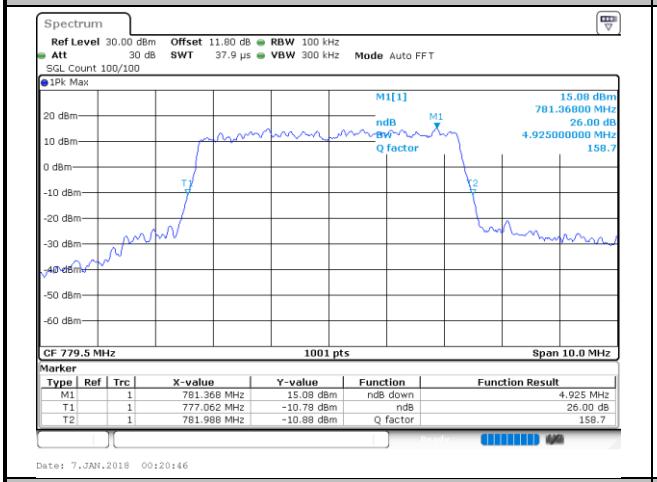


26dB Bandwidth

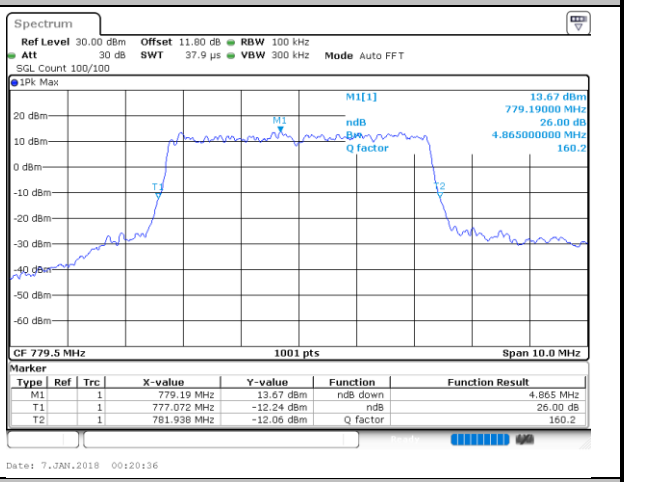
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.93	4.87	-	-	-	-	-	-
Middle CH	-	-	-	-	4.96	4.92	9.85	9.71	-	-	-	-
Highest CH	-	-	-	-	4.90	4.93	-	-	-	-	-	-

LTE Band 13

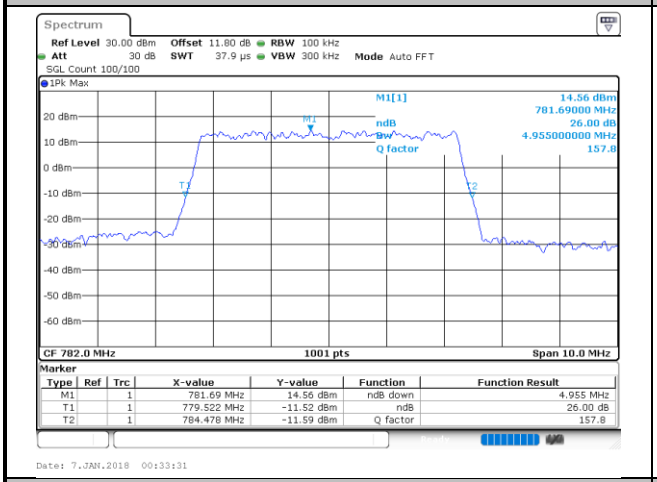
Lowest Channel / 5MHz / QPSK



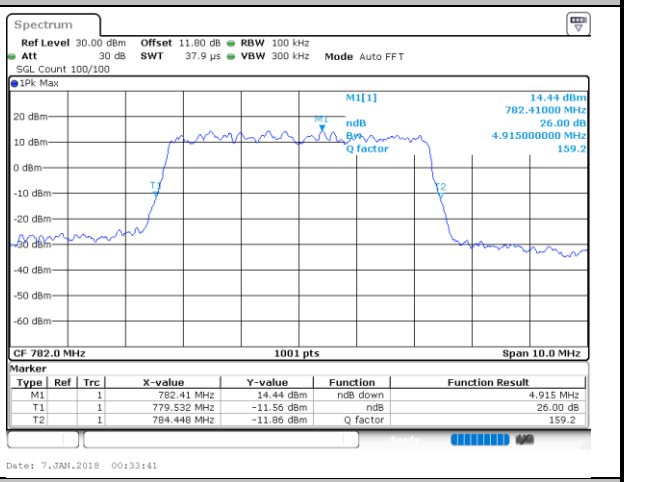
Lowest Channel / 5MHz / 16QAM



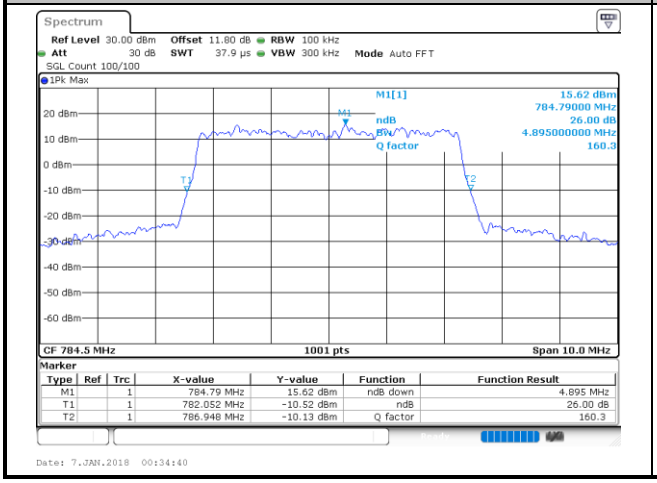
Middle Channel / 5MHz / QPSK



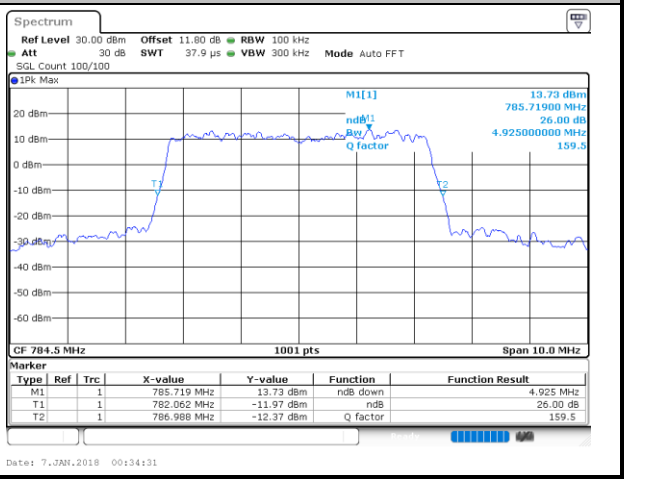
Middle Channel / 5MHz / 16QAM



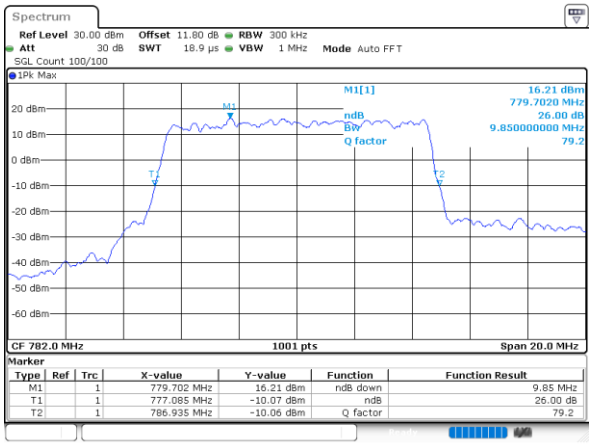
Highest Channel / 5MHz / QPSK

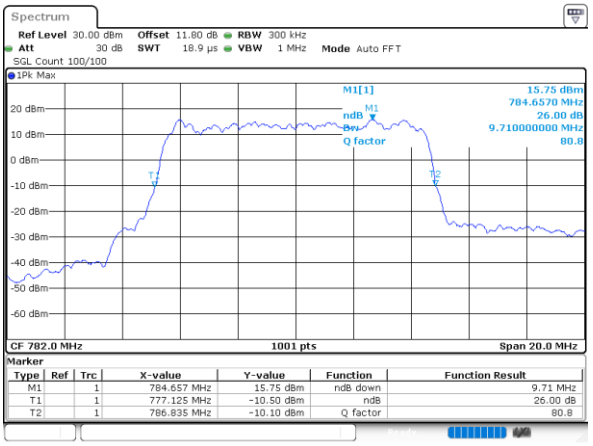


Highest Channel / 5MHz / 16QAM



LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**



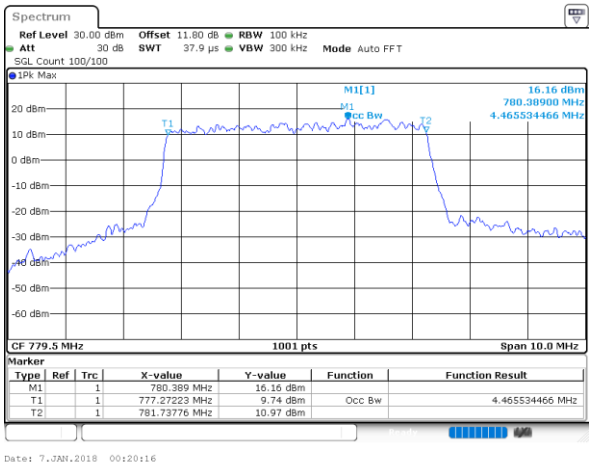


Occupied Bandwidth

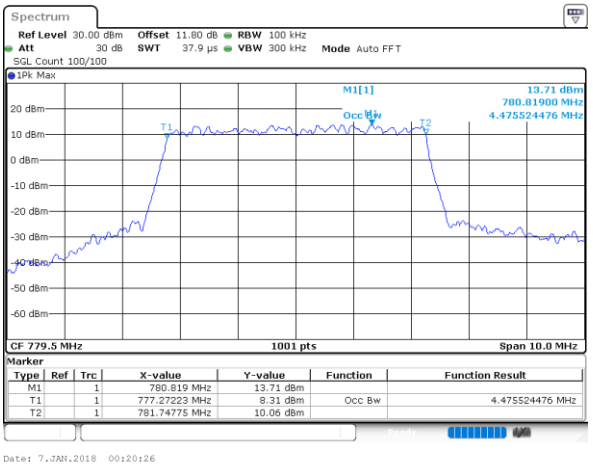
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.48	9.03	9.03	-	-	-	-
Highest CH	-	-	-	-	4.5	4.51	-	-	-	-	-	-

LTE Band 13

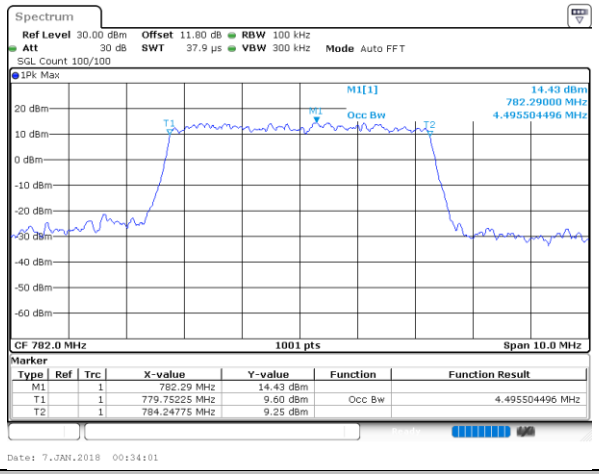
Lowest Channel / 5MHz / QPSK



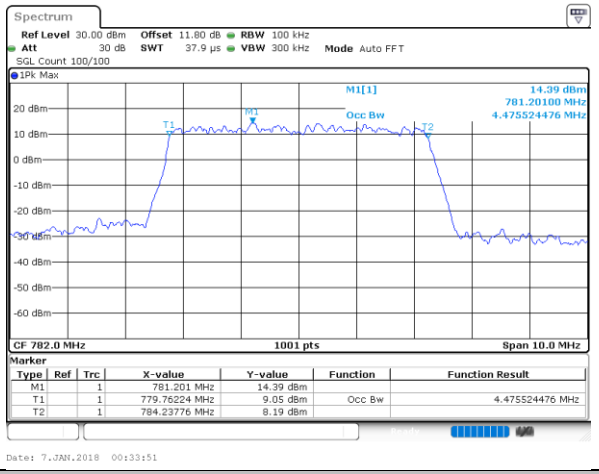
Lowest Channel / 5MHz / 16QAM



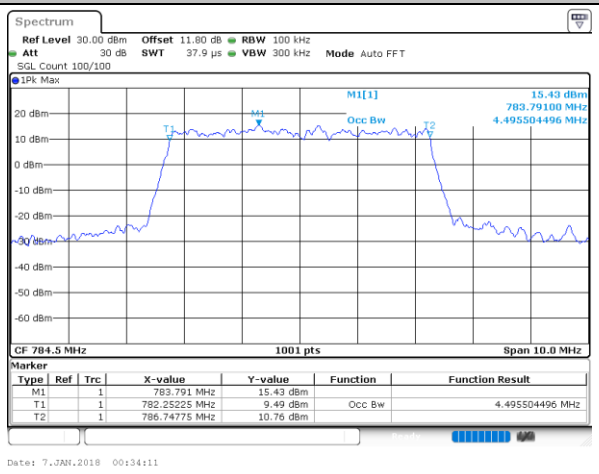
Middle Channel / 5MHz / QPSK



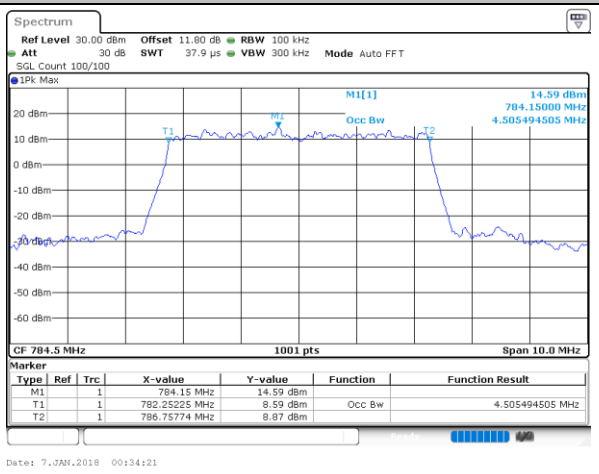
Middle Channel / 5MHz / 16QAM

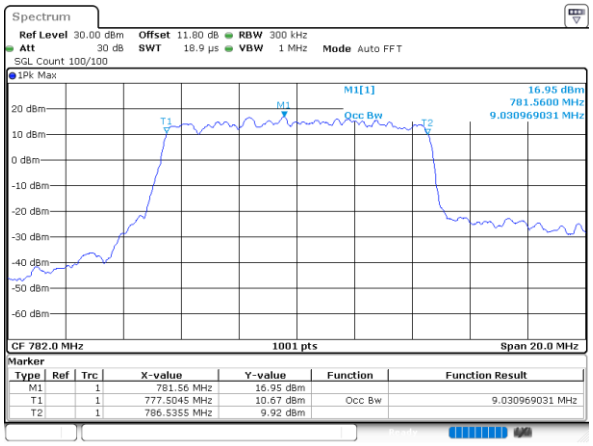
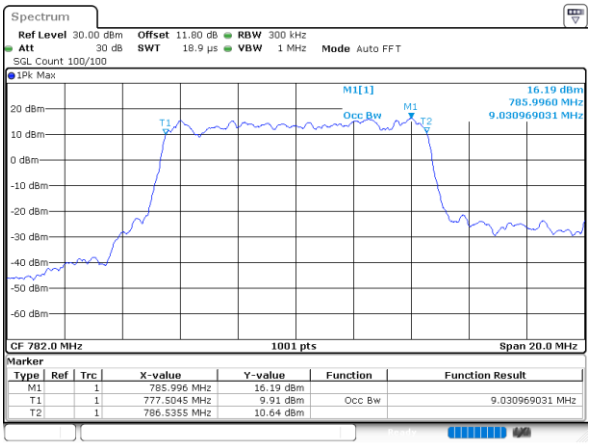


Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

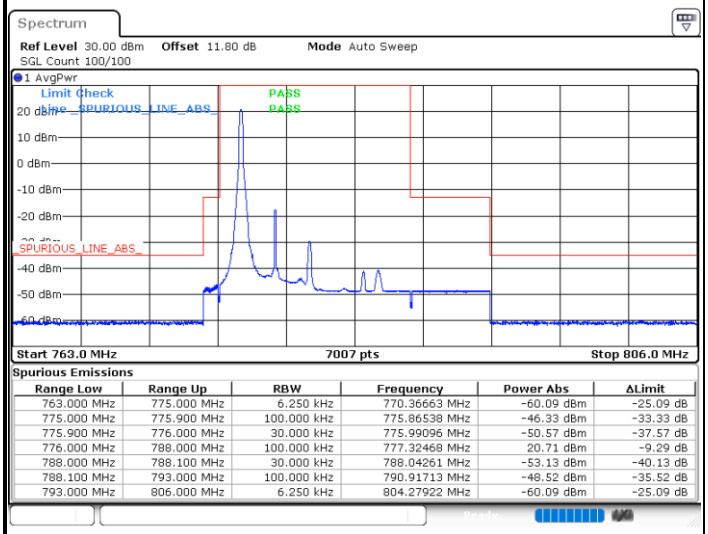


LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

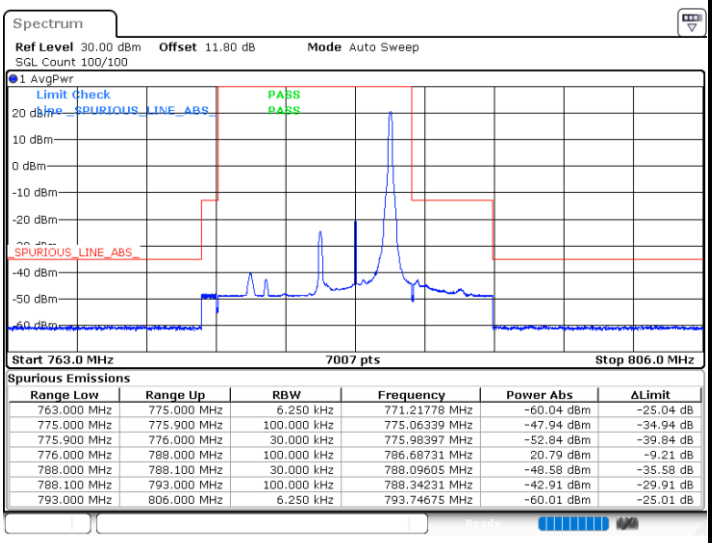


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.36663 MHz	-60.09 dBm	-25.09 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86538 MHz	-46.33 dBm	-33.33 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99096 MHz	-50.57 dBm	-37.57 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	20.71 dBm	-9.29 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04261 MHz	-53.13 dBm	-40.13 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.91713 MHz	-48.52 dBm	-35.52 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.27922 MHz	-60.09 dBm	-25.09 dB

Date: 7.JAN.2018 00:29:50

Highest Band Edge / 1 RB

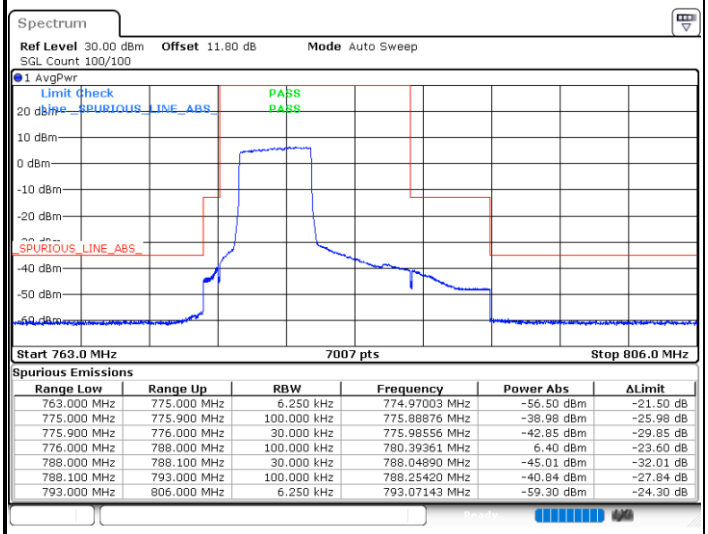


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.21778 MHz	-60.04 dBm	-25.04 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.06339 MHz	-47.94 dBm	-34.94 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98397 MHz	-52.84 dBm	-39.84 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	20.79 dBm	-9.21 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09605 MHz	-48.58 dBm	-35.58 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.34231 MHz	-42.91 dBm	-29.91 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.74675 MHz	-60.01 dBm	-25.01 dB

Date: 7.JAN.2018 00:41:12

Lowest Band Edge / Full RB

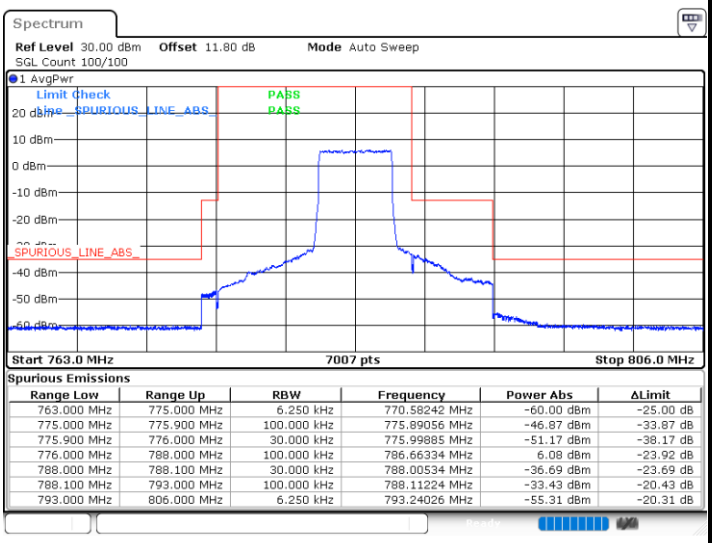


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-56.50 dBm	-21.50 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88876 MHz	-38.98 dBm	-25.98 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98556 MHz	-42.85 dBm	-29.85 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.39361 MHz	6.40 dBm	-23.60 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04890 MHz	-45.01 dBm	-32.01 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.25420 MHz	-40.84 dBm	-27.84 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.07143 MHz	-59.30 dBm	-24.30 dB

Date: 7.JAN.2018 00:24:56

Highest Band Edge / Full RB



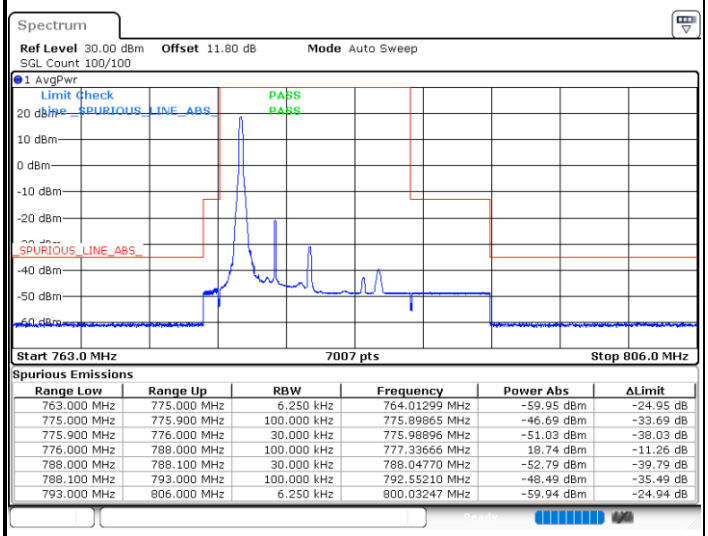
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	770.58242 MHz	-60.00 dBm	-25.00 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89056 MHz	-46.87 dBm	-33.87 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99885 MHz	-51.17 dBm	-38.17 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.66334 MHz	6.08 dBm	-23.92 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00534 MHz	-36.69 dBm	-23.69 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-33.43 dBm	-20.43 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-55.31 dBm	-20.31 dB

Date: 7.JAN.2018 00:36:18

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

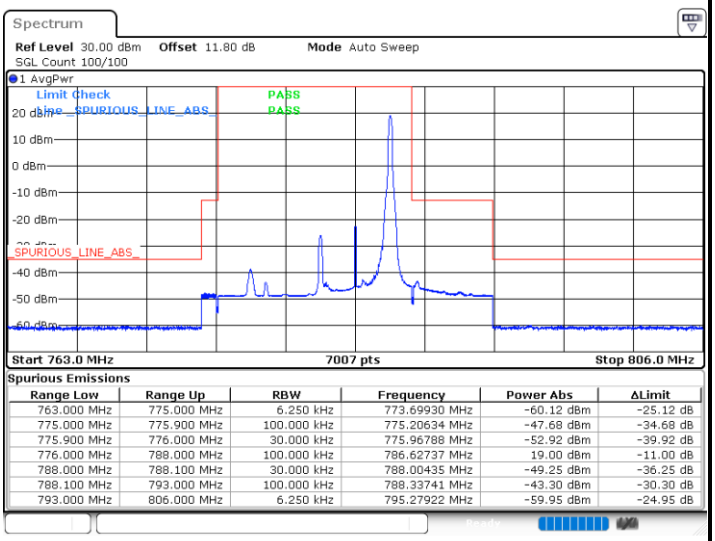


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.01299 MHz	-59.95 dBm	-24.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-46.69 dBm	-33.69 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98896 MHz	-51.03 dBm	-38.03 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.33666 MHz	18.74 dBm	-11.26 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04770 MHz	-52.79 dBm	-39.79 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.55210 MHz	-48.49 dBm	-35.49 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.03247 MHz	-59.94 dBm	-24.94 dB

Date: 7.JAN.2018 00:28:12

Highest Band Edge / 1 RB

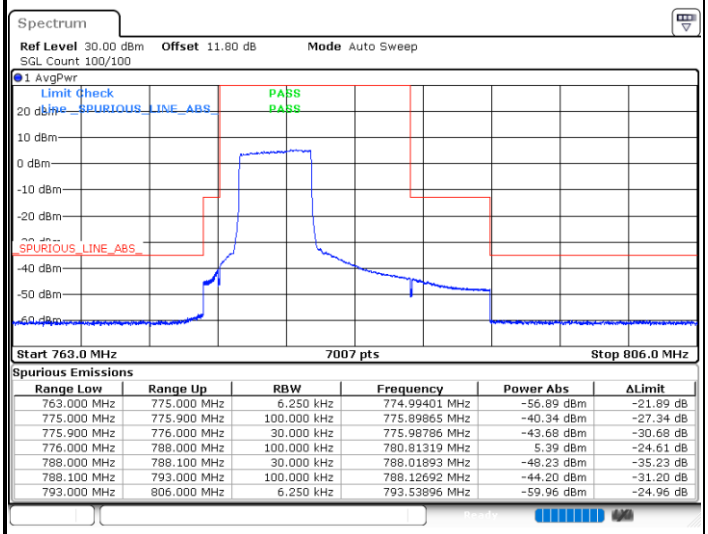


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.69930 MHz	-60.12 dBm	-25.12 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.20634 MHz	-47.68 dBm	-34.68 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96788 MHz	-52.92 dBm	-39.92 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	19.00 dBm	-11.00 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00435 MHz	-49.25 dBm	-36.25 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.33741 MHz	-43.30 dBm	-30.30 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.27922 MHz	-59.95 dBm	-24.95 dB

Date: 7.JAN.2018 00:39:34

Lowest Band Edge / Full RB

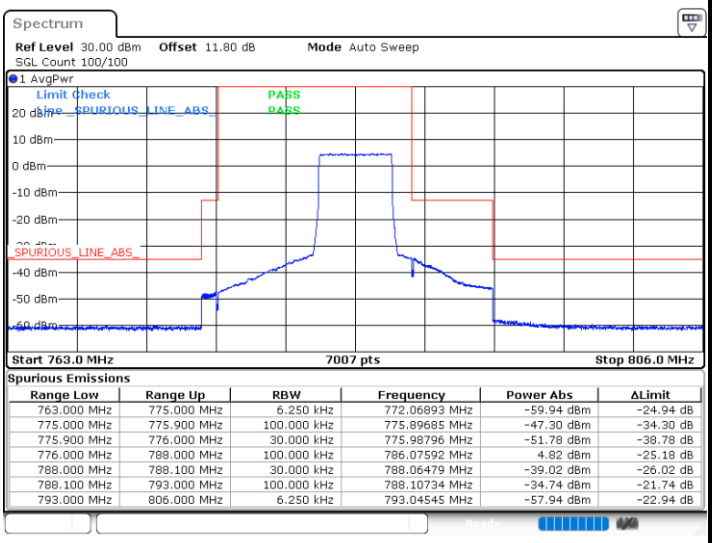


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-56.89 dBm	-21.89 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-40.34 dBm	-27.34 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98786 MHz	-43.68 dBm	-30.68 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.81319 MHz	5.39 dBm	-24.61 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01893 MHz	-48.23 dBm	-35.23 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12692 MHz	-44.20 dBm	-31.20 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.53896 MHz	-59.96 dBm	-24.96 dB

Date: 7.JAN.2018 00:26:34

Highest Band Edge / Full RB



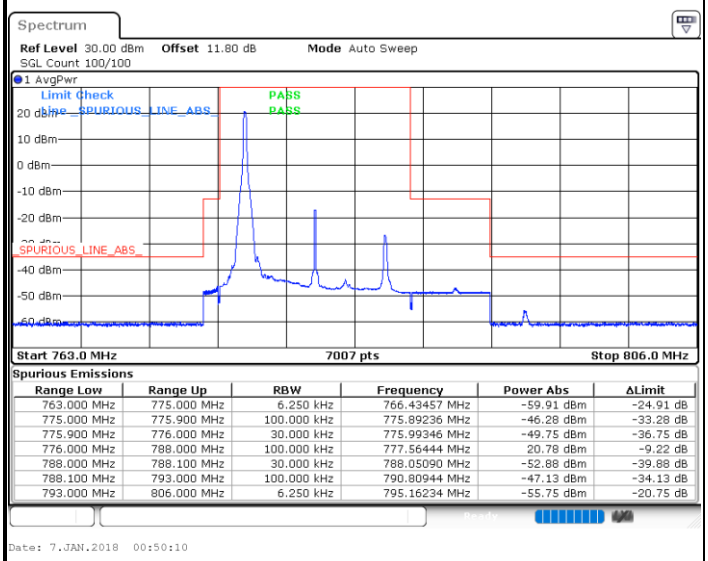
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.06893 MHz	-59.94 dBm	-24.94 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89685 MHz	-47.30 dBm	-34.30 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98796 MHz	-51.78 dBm	-38.78 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.07592 MHz	4.82 dBm	-25.18 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06479 MHz	-39.02 dBm	-26.02 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-34.74 dBm	-21.74 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-57.94 dBm	-22.94 dB

Date: 7.JAN.2018 00:37:56

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

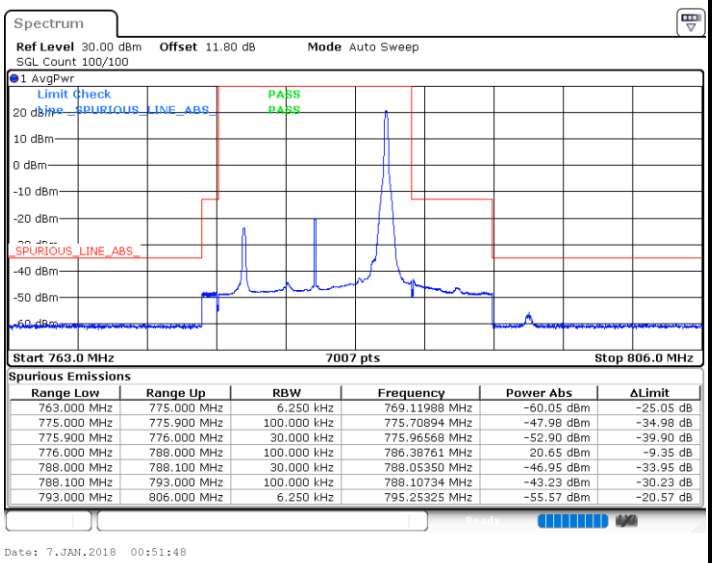


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.43457 MHz	-59.91 dBm	-24.91 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89236 MHz	-46.28 dBm	-33.28 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99346 MHz	-49.75 dBm	-36.75 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	20.78 dBm	-9.22 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05090 MHz	-52.88 dBm	-39.88 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80944 MHz	-47.13 dBm	-34.13 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.16234 MHz	-55.75 dBm	-20.75 dB

Date: 7.JAN.2018 00:50:10

Highest Band Edge / 1 RB

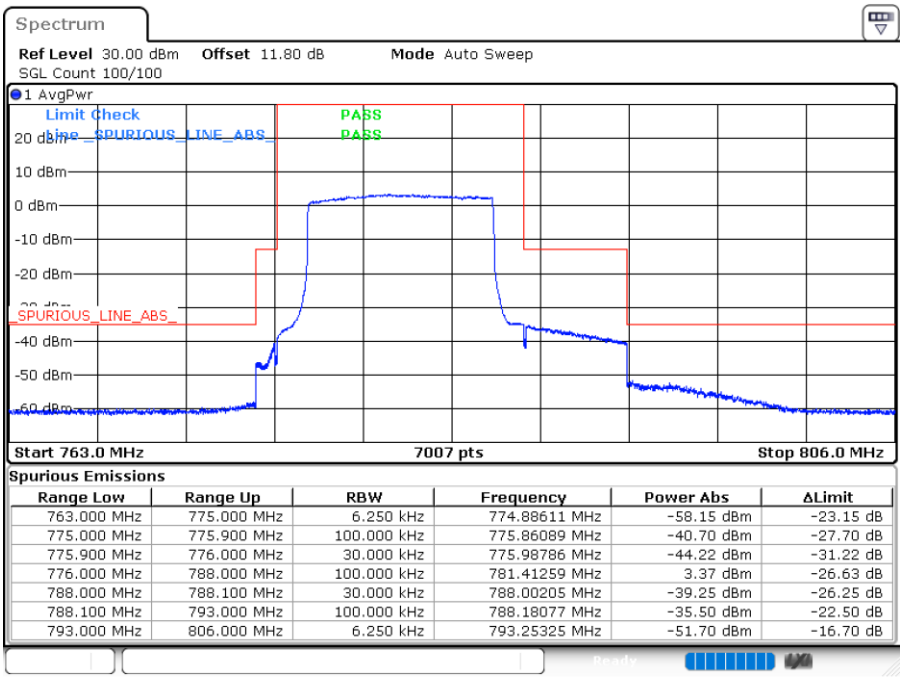


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.11988 MHz	-60.05 dBm	-25.05 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.70894 MHz	-47.98 dBm	-34.98 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96568 MHz	-52.90 dBm	-39.90 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	20.65 dBm	-9.35 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05350 MHz	-46.95 dBm	-33.95 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-43.23 dBm	-30.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.25325 MHz	-55.57 dBm	-20.57 dB

Date: 7.JAN.2018 00:51:48

Band Edge / Full RB



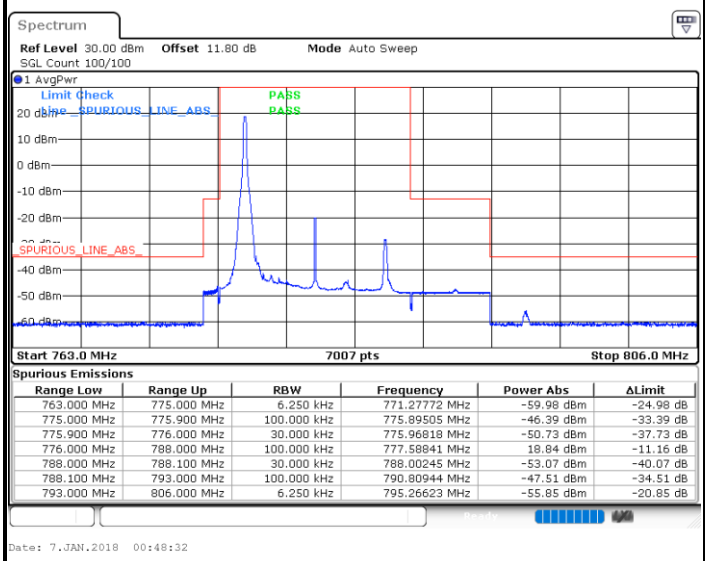
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-58.15 dBm	-23.15 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86089 MHz	-40.70 dBm	-27.70 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98786 MHz	-44.22 dBm	-31.22 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.41259 MHz	3.37 dBm	-26.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00205 MHz	-39.25 dBm	-26.25 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18077 MHz	-35.50 dBm	-22.50 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.25325 MHz	-51.70 dBm	-16.70 dB

Date: 7.JAN.2018 00:45:15

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

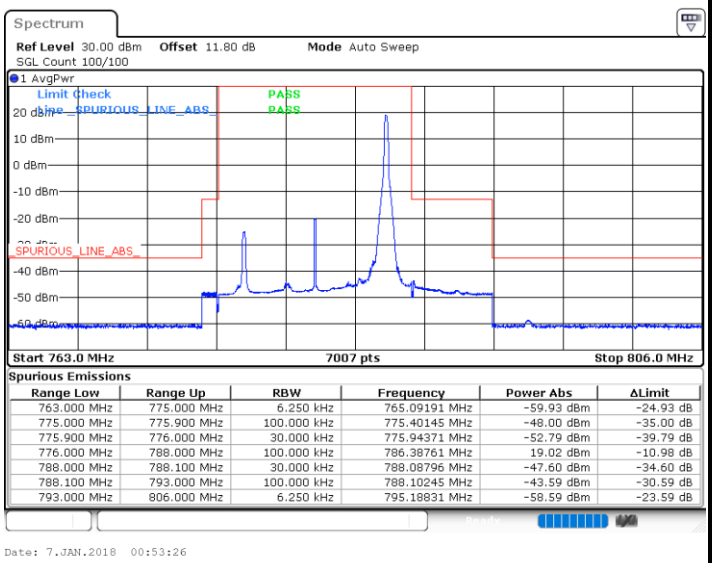


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.27772 MHz	-59.98 dBm	-24.98 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89505 MHz	-46.39 dBm	-33.39 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96818 MHz	-50.73 dBm	-37.73 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	18.84 dBm	-11.16 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00245 MHz	-53.07 dBm	-40.07 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.80944 MHz	-47.51 dBm	-34.51 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.26623 MHz	-55.85 dBm	-20.85 dB

Date: 7.JAN.2018 00:48:32

Highest Band Edge / 1 RB

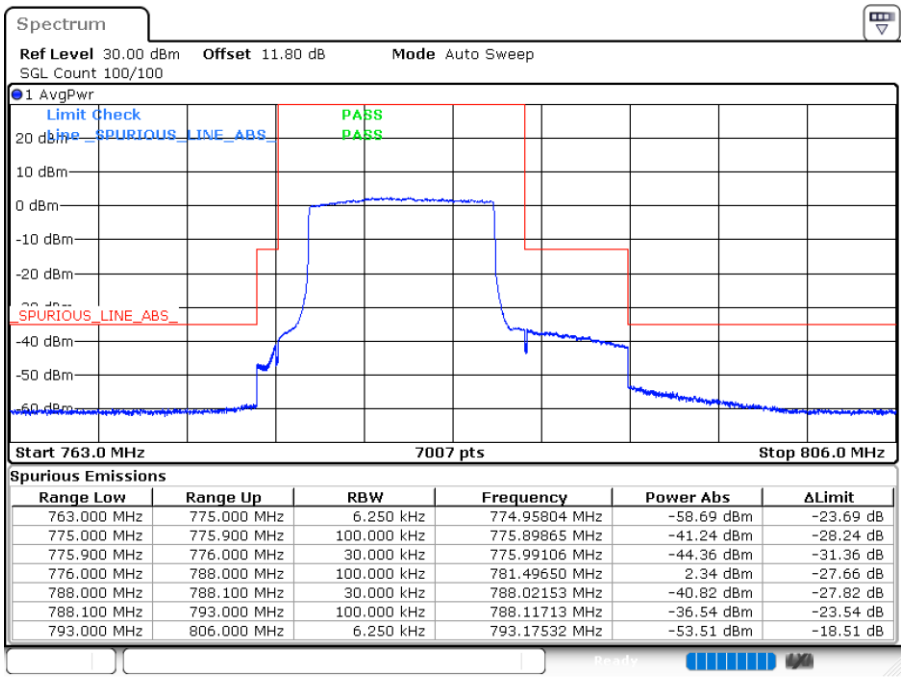


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.09191 MHz	-59.93 dBm	-24.93 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.40145 MHz	-48.00 dBm	-35.00 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94371 MHz	-52.79 dBm	-39.79 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	19.02 dBm	-10.98 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08796 MHz	-47.60 dBm	-34.60 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10245 MHz	-43.59 dBm	-30.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.18831 MHz	-58.59 dBm	-23.59 dB

Date: 7.JAN.2018 00:53:26

Band Edge / Full RB



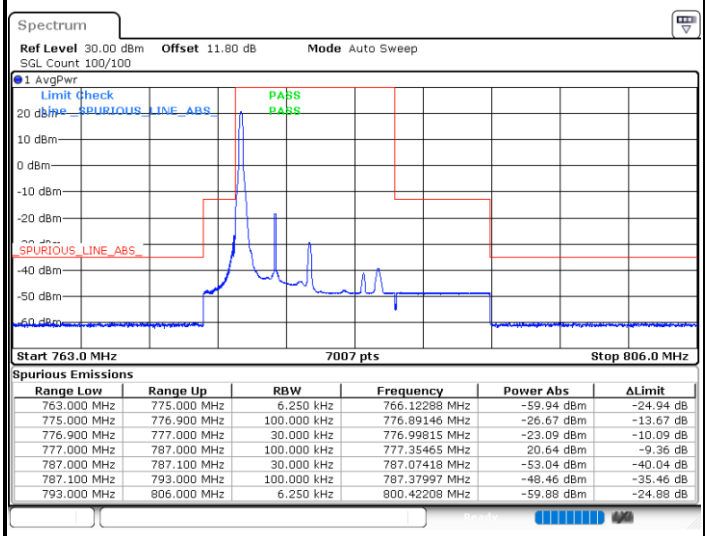
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-58.69 dBm	-23.69 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89865 MHz	-41.24 dBm	-28.24 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99106 MHz	-44.36 dBm	-31.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.49650 MHz	2.34 dBm	-27.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02153 MHz	-40.82 dBm	-27.82 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11713 MHz	-36.54 dBm	-23.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.17532 MHz	-53.51 dBm	-18.51 dB

Date: 7.JAN.2018 00:46:54

IC LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

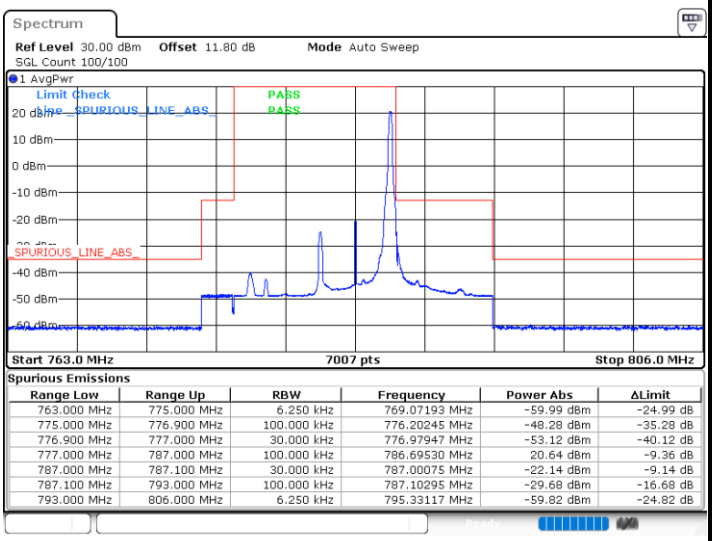


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.12288 MHz	-59.94 dBm	-24.94 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89146 MHz	-26.67 dBm	-13.67 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99815 MHz	-23.09 dBm	-10.09 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.35465 MHz	20.64 dBm	-9.36 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.07418 MHz	-53.04 dBm	-40.04 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.37997 MHz	-48.46 dBm	-35.46 dB
793.000 MHz	806.000 MHz	6.250 kHz	800.42208 MHz	-59.88 dBm	-24.88 dB

Date: 7.JAN.2018 01:03:44

Highest Band Edge / 1 RB

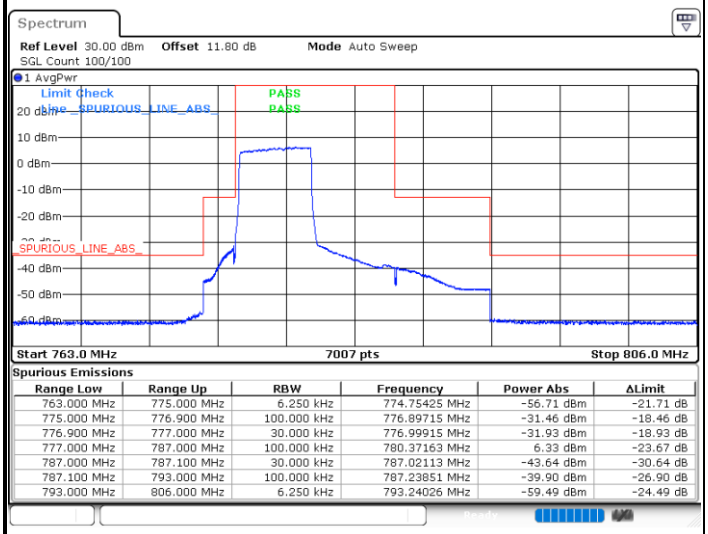


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.07193 MHz	-59.99 dBm	-24.99 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.20245 MHz	-48.28 dBm	-35.28 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97947 MHz	-53.12 dBm	-40.12 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.69530 MHz	20.64 dBm	-9.36 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00075 MHz	-22.14 dBm	-9.14 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-29.68 dBm	-16.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.33117 MHz	-59.82 dBm	-24.82 dB

Date: 7.JAN.2018 01:10:16

Lowest Band Edge / Full RB

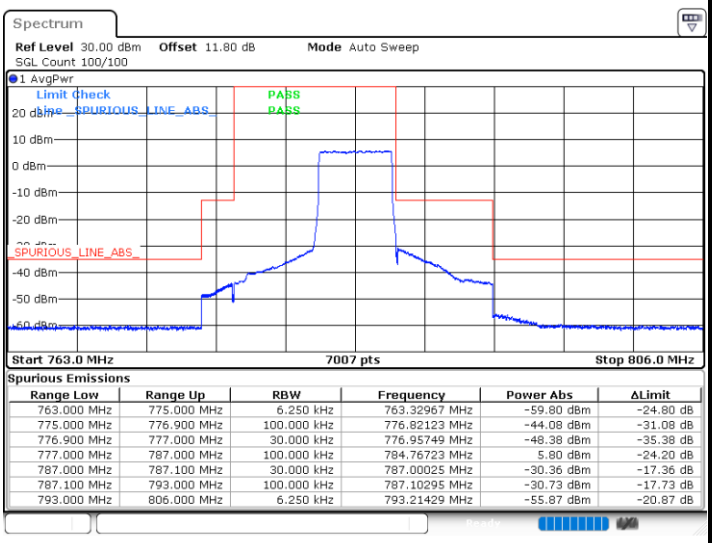


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.75425 MHz	-56.71 dBm	-21.71 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89715 MHz	-31.46 dBm	-18.46 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99915 MHz	-31.93 dBm	-18.93 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.37163 MHz	6.33 dBm	-23.67 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.02113 MHz	-43.64 dBm	-30.64 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.23851 MHz	-39.90 dBm	-26.90 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-59.49 dBm	-24.49 dB

Date: 7.JAN.2018 00:58:50

Highest Band Edge / Full RB



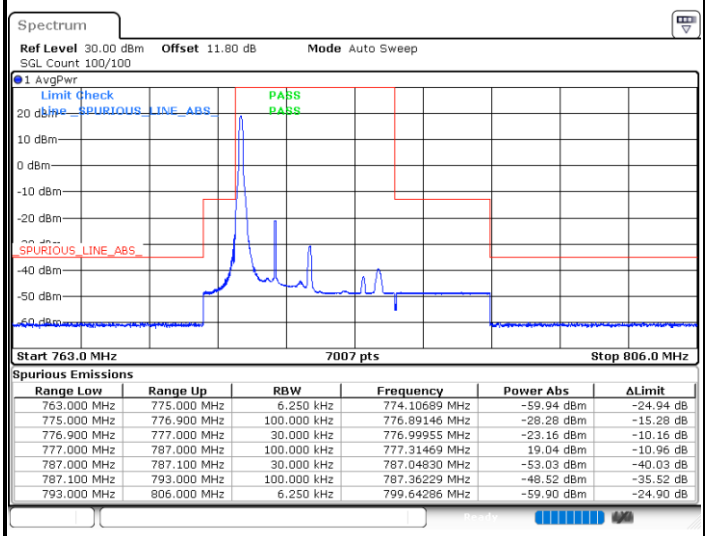
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.32967 MHz	-59.80 dBm	-24.80 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.82123 MHz	-44.08 dBm	-31.08 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.95749 MHz	-48.38 dBm	-35.38 dB
777.000 MHz	787.000 MHz	100.000 kHz	784.76723 MHz	5.80 dBm	-24.20 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00025 MHz	-30.36 dBm	-17.36 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-30.73 dBm	-17.73 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.21429 MHz	-55.87 dBm	-20.87 dB

Date: 7.JAN.2018 01:05:22

IC LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge /1 RB

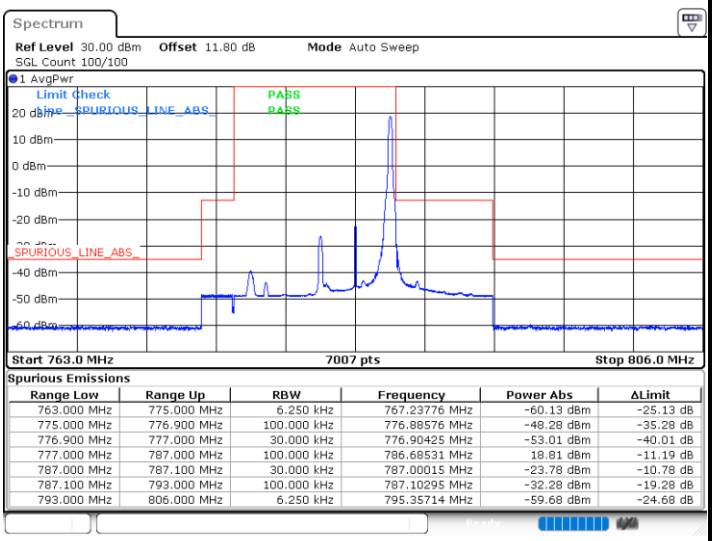


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.10689 MHz	-59.94 dBm	-24.94 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89146 MHz	-28.28 dBm	-15.28 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99955 MHz	-23.16 dBm	-10.16 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.31469 MHz	19.04 dBm	-10.96 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.04830 MHz	-53.03 dBm	-40.03 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.36229 MHz	-48.52 dBm	-35.52 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.64286 MHz	-59.90 dBm	-24.90 dB

Date: 7.JAN.2018 01:02:06

Highest Band Edge / 1 RB

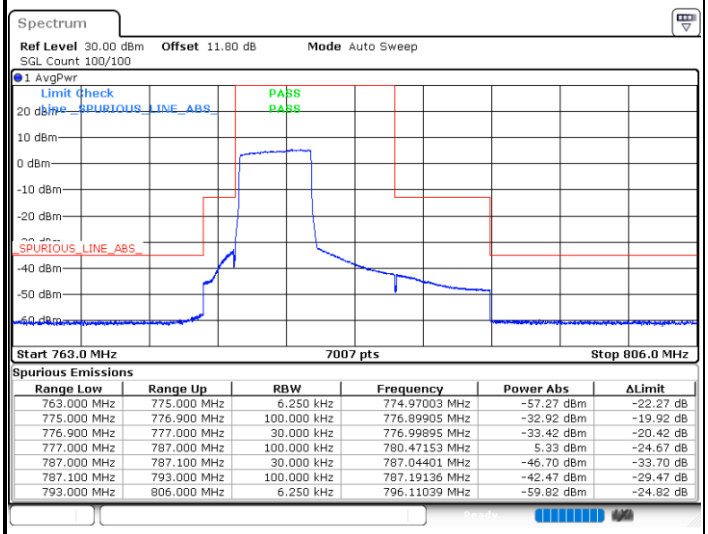


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	767.23776 MHz	-60.13 dBm	-25.13 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88576 MHz	-48.28 dBm	-35.28 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.90425 MHz	-53.01 dBm	-40.01 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.68531 MHz	18.81 dBm	-11.19 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00015 MHz	-23.78 dBm	-10.78 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-32.28 dBm	-19.28 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.35714 MHz	-59.68 dBm	-24.68 dB

Date: 7.JAN.2018 01:08:38

Lowest Band Edge / Full RB

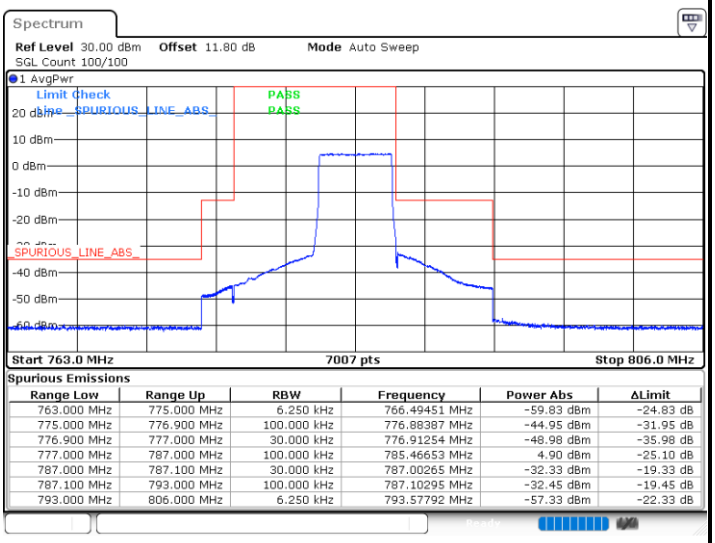


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-57.27 dBm	-22.27 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89905 MHz	-32.92 dBm	-19.92 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99895 MHz	-33.42 dBm	-20.42 dB
777.000 MHz	787.000 MHz	100.000 kHz	780.47153 MHz	5.33 dBm	-24.67 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.04401 MHz	-46.70 dBm	-33.70 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.19136 MHz	-42.47 dBm	-29.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.11039 MHz	-59.82 dBm	-24.82 dB

Date: 7.JAN.2018 01:00:28

Highest Band Edge / Full RB



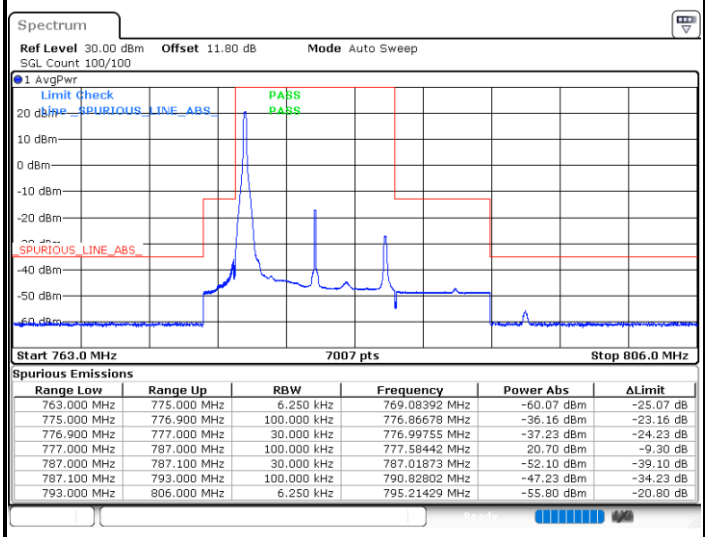
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.49451 MHz	-59.83 dBm	-24.83 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88387 MHz	-44.95 dBm	-31.95 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.91254 MHz	-48.98 dBm	-35.98 dB
777.000 MHz	787.000 MHz	100.000 kHz	785.46653 MHz	4.90 dBm	-25.10 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00265 MHz	-32.33 dBm	-19.33 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-32.45 dBm	-19.45 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.57792 MHz	-57.33 dBm	-22.33 dB

Date: 7.JAN.2018 01:07:00

IC LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

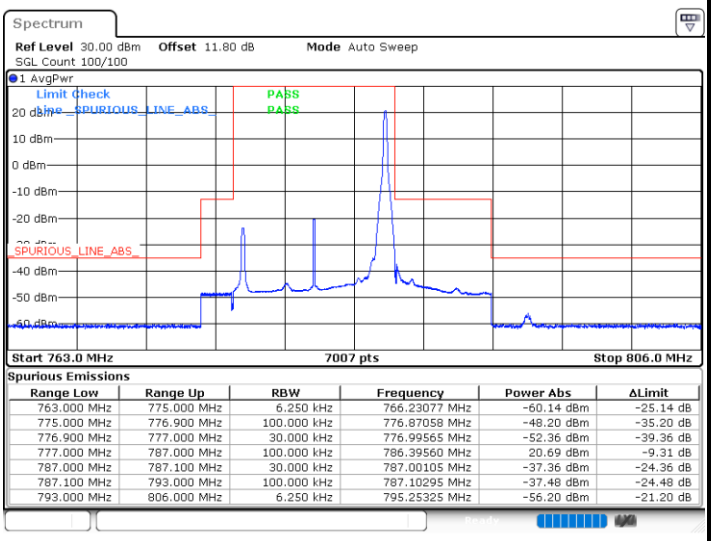


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.08392 MHz	-60.07 dBm	-25.07 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.86678 MHz	-36.16 dBm	-23.16 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99755 MHz	-37.23 dBm	-24.23 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.58442 MHz	20.70 dBm	-9.30 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01873 MHz	-52.10 dBm	-39.10 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.82802 MHz	-47.23 dBm	-34.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-55.80 dBm	-20.80 dB

Date: 7.JAN.2018 01:16:48

Highest Band Edge / 1 RB

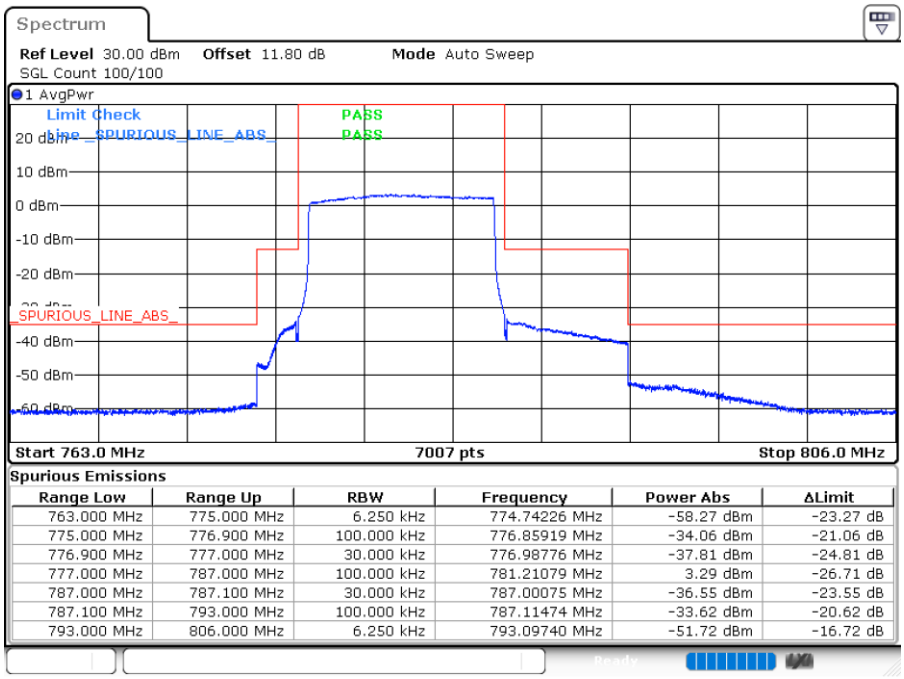


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.23077 MHz	-60.14 dBm	-25.14 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.87058 MHz	-48.20 dBm	-35.20 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99565 MHz	-52.36 dBm	-39.36 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.39560 MHz	20.69 dBm	-9.31 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00105 MHz	-37.36 dBm	-24.36 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-37.48 dBm	-24.48 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.25325 MHz	-56.20 dBm	-21.20 dB

Date: 7.JAN.2018 01:18:26

Band Edge / Full RB



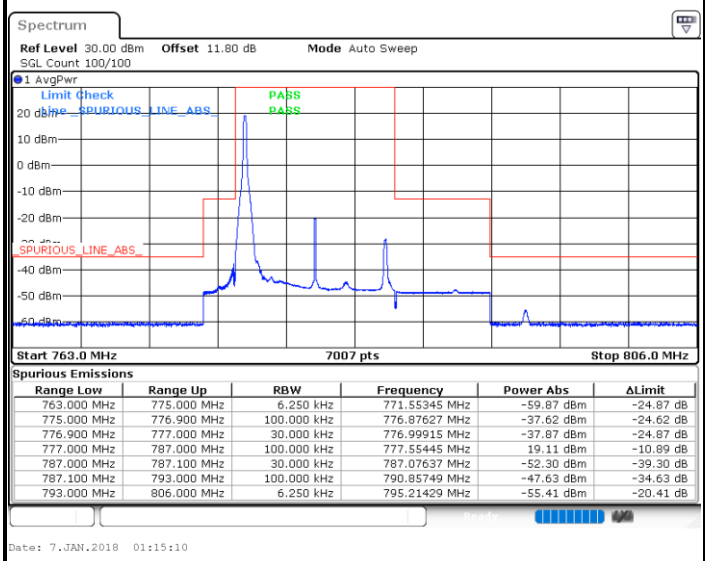
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.74226 MHz	-58.27 dBm	-23.27 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.85919 MHz	-34.06 dBm	-21.06 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.98776 MHz	-37.81 dBm	-24.81 dB
777.000 MHz	787.000 MHz	100.000 kHz	781.21079 MHz	3.29 dBm	-26.71 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00075 MHz	-36.55 dBm	-23.55 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.11474 MHz	-33.62 dBm	-20.62 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.09740 MHz	-51.72 dBm	-16.72 dB

Date: 7.JAN.2018 01:11:54

IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

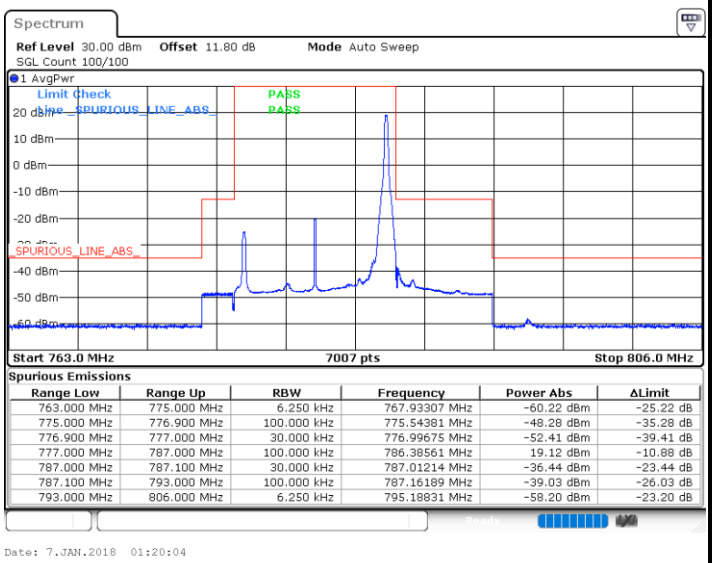


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.55345 MHz	-59.87 dBm	-24.87 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.87627 MHz	-37.62 dBm	-24.62 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99915 MHz	-37.87 dBm	-24.87 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.55445 MHz	19.11 dBm	-10.89 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.07637 MHz	-52.30 dBm	-39.30 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.85749 MHz	-47.63 dBm	-34.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-55.41 dBm	-20.41 dB

Date: 7.JAN.2018 01:15:10

Highest Band Edge / 1 RB

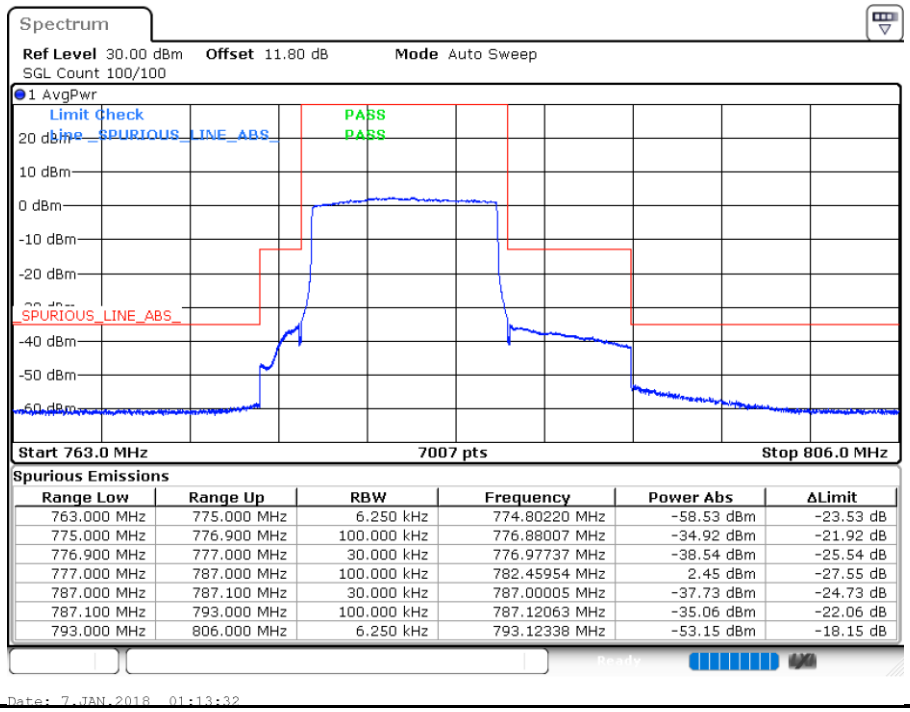


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	767.93307 MHz	-60.22 dBm	-25.22 dB
775.000 MHz	776.900 MHz	100.000 kHz	775.54381 MHz	-48.28 dBm	-35.28 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99675 MHz	-52.41 dBm	-39.41 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.38561 MHz	19.12 dBm	-10.88 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01214 MHz	-36.44 dBm	-23.44 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.16189 MHz	-39.03 dBm	-26.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.18831 MHz	-58.20 dBm	-23.20 dB

Date: 7.JAN.2018 01:20:04

Band Edge / Full RB



Spurious Emissions

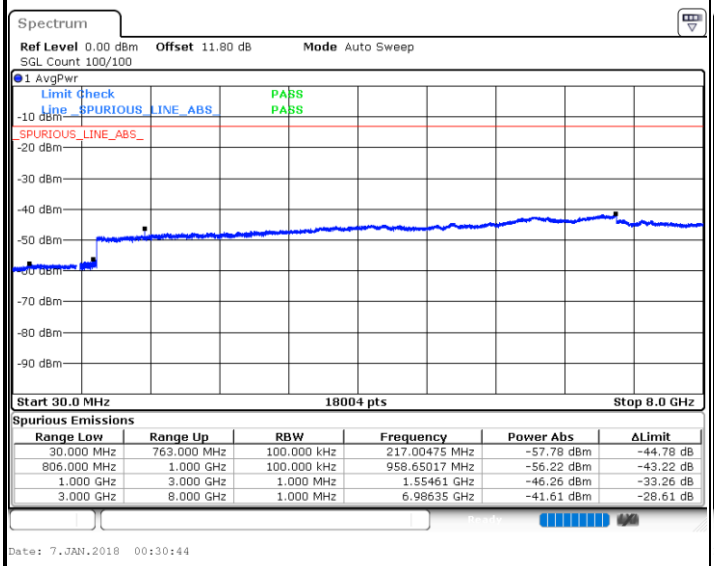
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.80220 MHz	-58.53 dBm	-23.53 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88007 MHz	-34.92 dBm	-21.92 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97737 MHz	-38.54 dBm	-25.54 dB
777.000 MHz	787.000 MHz	100.000 kHz	782.45954 MHz	2.45 dBm	-27.55 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00005 MHz	-37.73 dBm	-24.73 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.12063 MHz	-35.06 dBm	-22.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.12338 MHz	-53.15 dBm	-18.15 dB

Date: 7.JAN.2018 01:13:32

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

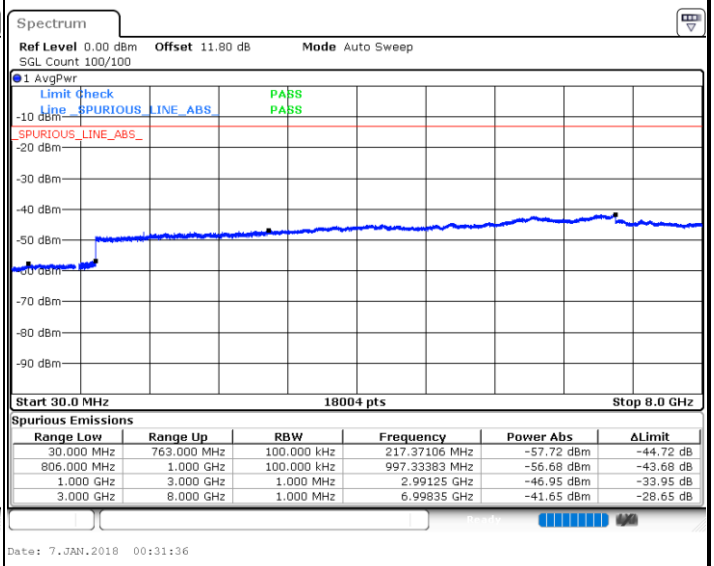


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	217.00475 MHz	-57.78 dBm	-44.78 dB
806.000 MHz	1.000 GHz	100.000 kHz	958.65017 MHz	-56.22 dBm	-43.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55461 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.98635 GHz	-41.61 dBm	-28.61 dB

Date: 7.JAN.2018 00:30:44

Lowest Channel / 16QAM

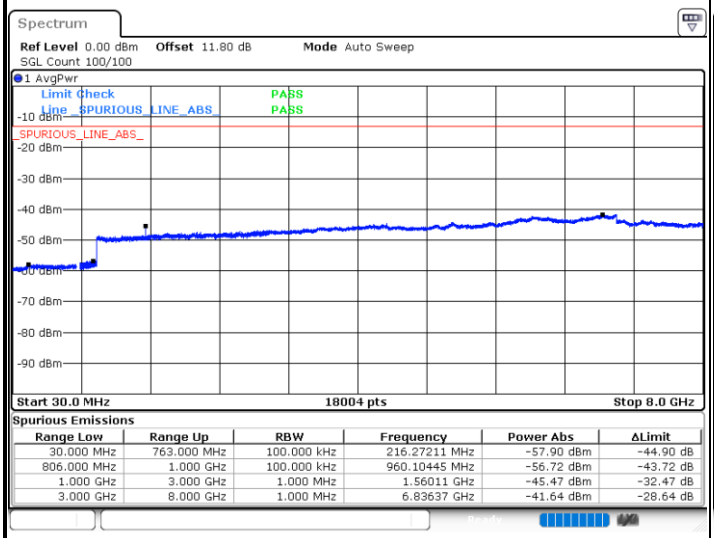


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	217.37106 MHz	-57.72 dBm	-44.72 dB
806.000 MHz	1.000 GHz	100.000 kHz	997.33383 MHz	-56.68 dBm	-43.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99125 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99835 GHz	-41.65 dBm	-28.65 dB

Date: 7.JAN.2018 00:31:36

Middle Channel / QPSK

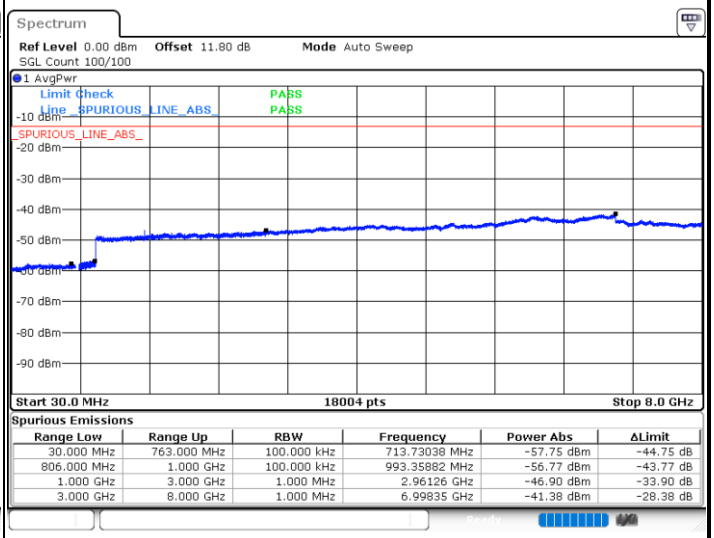


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	216.27211 MHz	-57.90 dBm	-44.90 dB
806.000 MHz	1.000 GHz	100.000 kHz	960.10445 MHz	-56.72 dBm	-43.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-45.47 dBm	-32.47 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.83637 GHz	-41.64 dBm	-28.64 dB

Date: 7.JAN.2018 00:33:22

Middle Channel / 16QAM



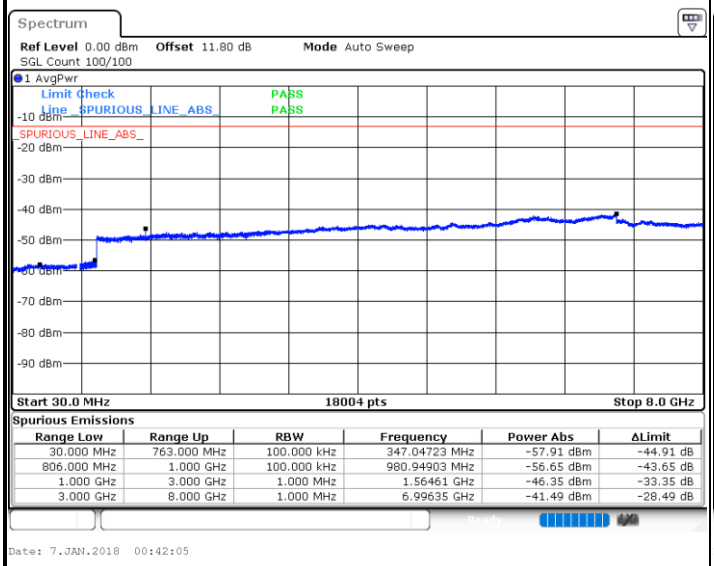
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	713.73038 MHz	-57.75 dBm	-44.75 dB
806.000 MHz	1.000 GHz	100.000 kHz	993.35882 MHz	-56.77 dBm	-43.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96126 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99835 GHz	-41.38 dBm	-28.38 dB

Date: 7.JAN.2018 00:32:29

LTE Band 13 / 5MHz

Highest Channel / QPSK

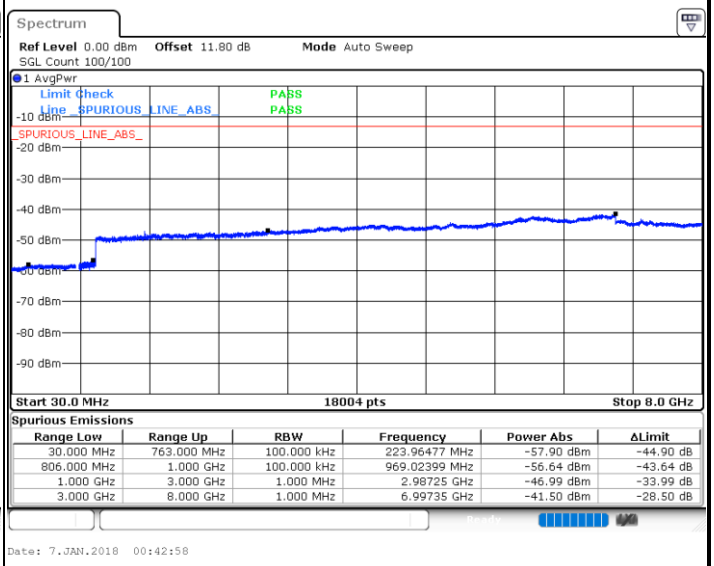


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	347.04723 MHz	-57.91 dBm	-44.91 dB
806.000 MHz	1.000 GHz	100.000 kHz	980.94903 MHz	-56.65 dBm	-43.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56461 GHz	-46.35 dBm	-33.35 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99635 GHz	-41.49 dBm	-28.49 dB

Date: 7.JAN.2018 00:42:05

Highest Channel / 16QAM



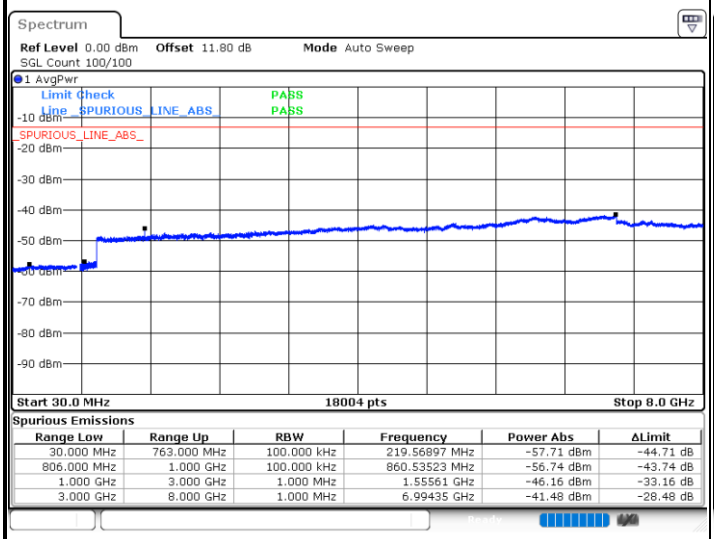
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	223.96477 MHz	-57.90 dBm	-44.90 dB
806.000 MHz	1.000 GHz	100.000 kHz	969.02399 MHz	-56.64 dBm	-43.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98725 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99735 GHz	-41.50 dBm	-28.50 dB

Date: 7.JAN.2018 00:42:58

LTE Band 13 / 10MHz

Middle Channel / QPSK

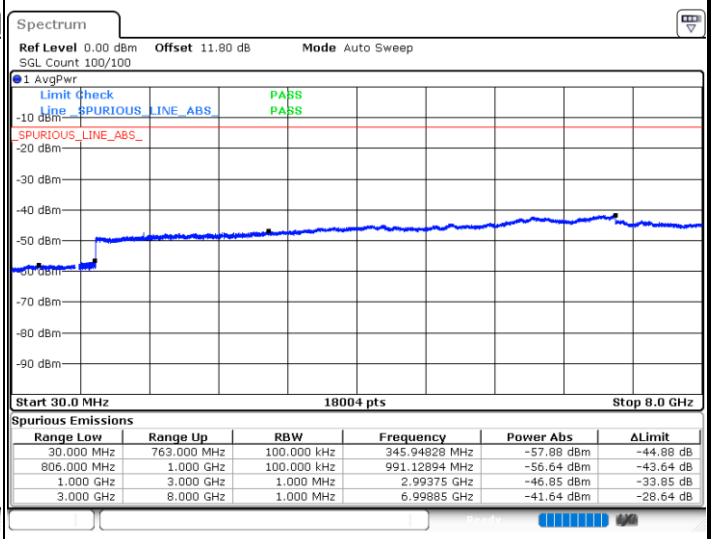


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	219.56897 MHz	-57.71 dBm	-44.71 dB
806.000 MHz	1.000 GHz	100.000 kHz	860.53523 MHz	-56.74 dBm	-43.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99435 GHz	-41.48 dBm	-28.48 dB

Date: 7.JAN.2018 00:55:12

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	345.94828 MHz	-57.88 dBm	-44.88 dB
806.000 MHz	1.000 GHz	100.000 kHz	991.12894 MHz	-56.64 dBm	-43.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99375 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99885 GHz	-41.64 dBm	-28.64 dB

Date: 7.JAN.2018 00:54:19

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

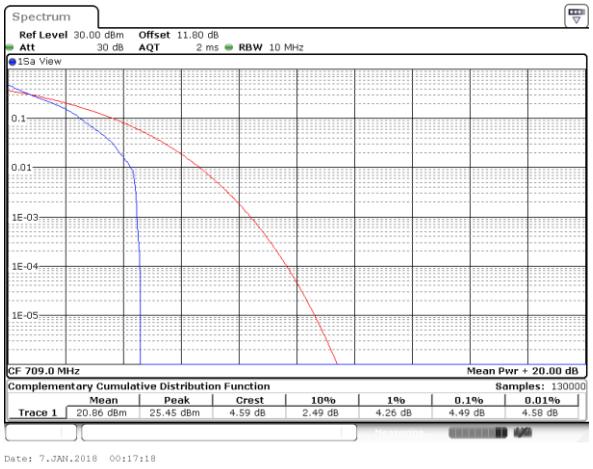
LTE Band 17

Peak-to-Average Ratio

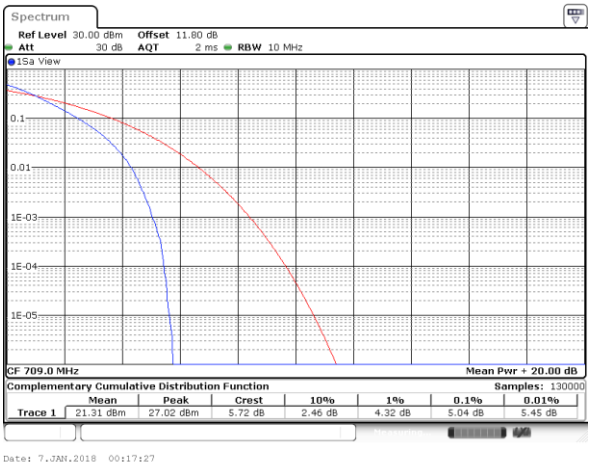
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	5.04	5.45	6.06	PASS
Middle CH	4.52	5.04	5.74	5.91	
Highest CH	4.61	4.93	5.74	5.86	

LTE Band 17 / 10MHz / QPSK

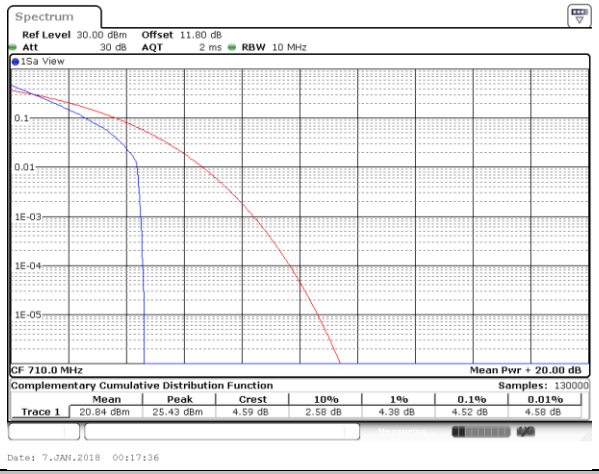
Lowest Channel / 1RB



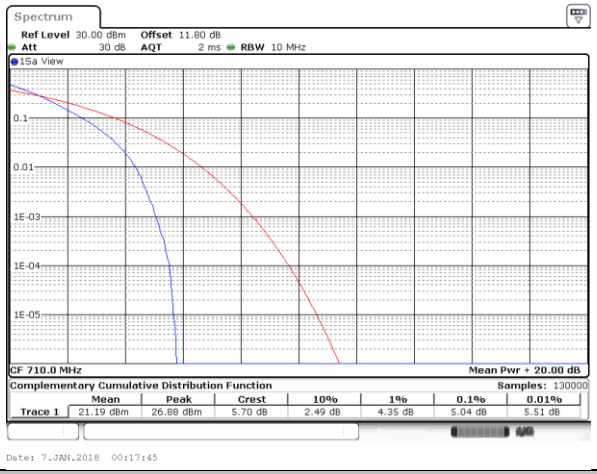
Lowest Channel / Full RB



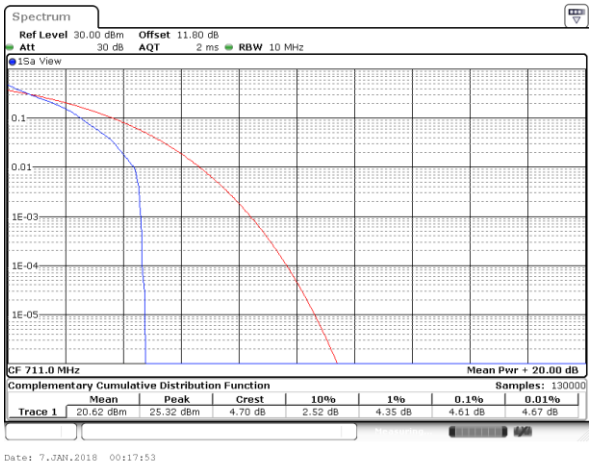
Middle Channel/ 1RB



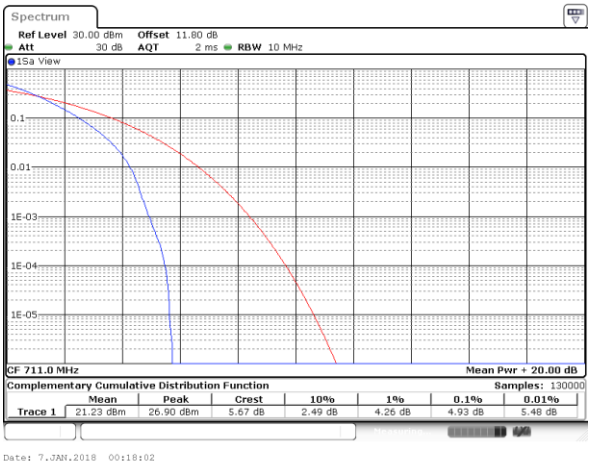
Middle Channel / Full RB



Highest Channel/ 1RB

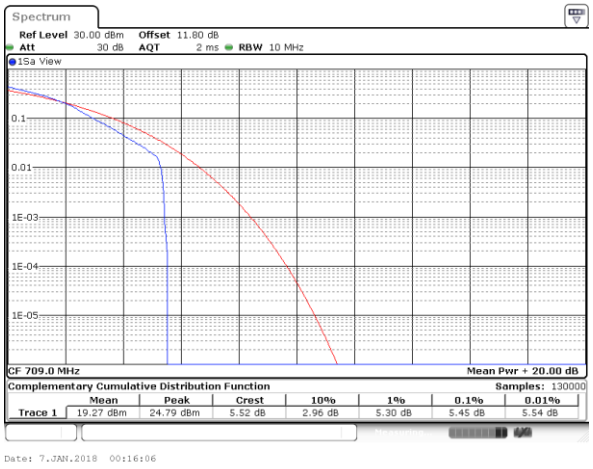


Highest Channel / Full RB

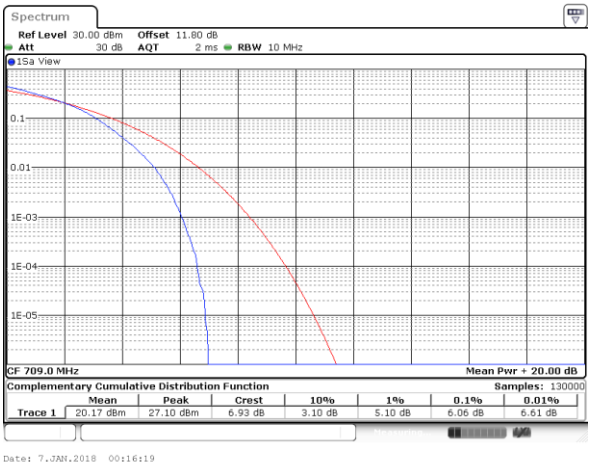


LTE Band 17 / 10MHz / 16QAM

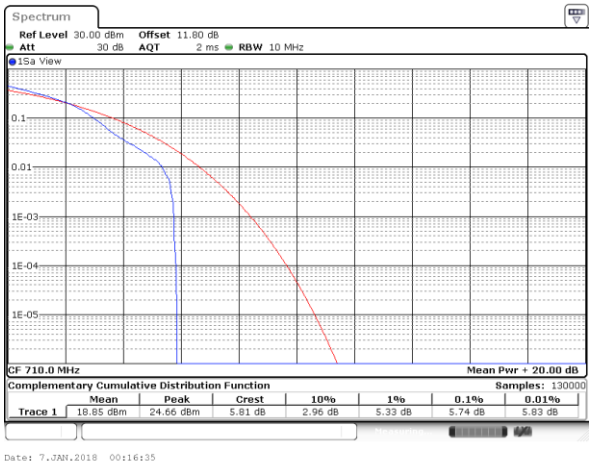
Lowest Channel / 1RB



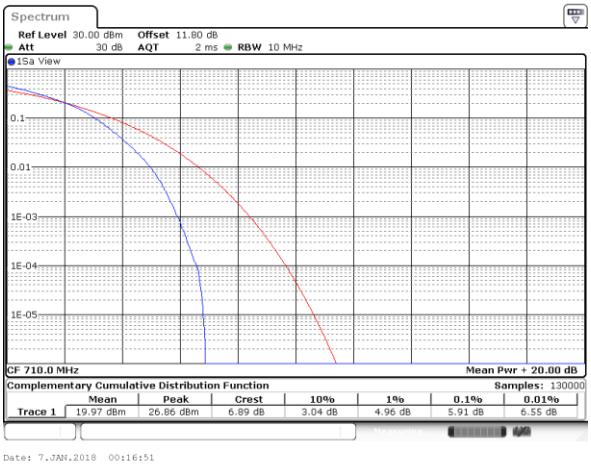
Lowest Channel / Full RB



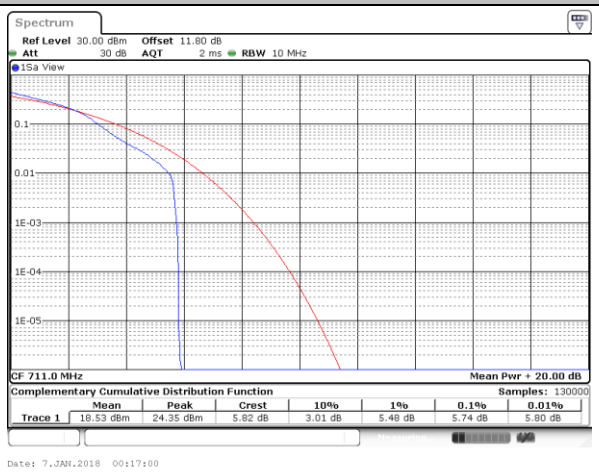
Middle Channel/ 1RB



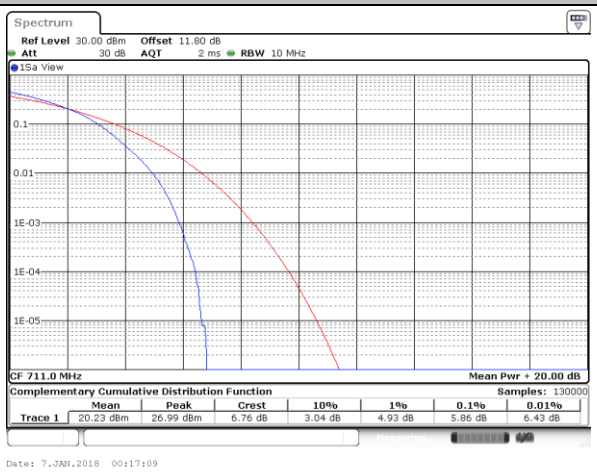
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB

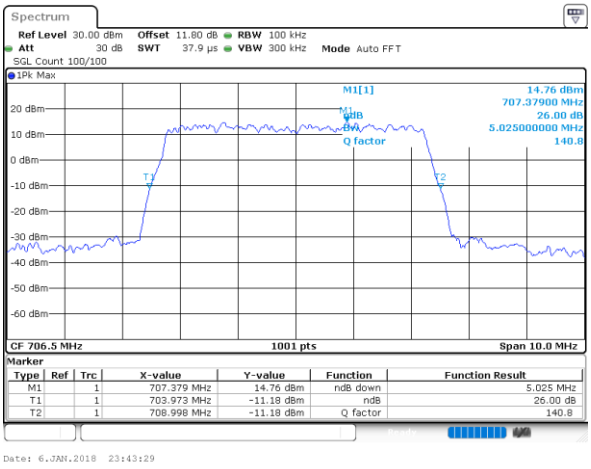


26dB Bandwidth

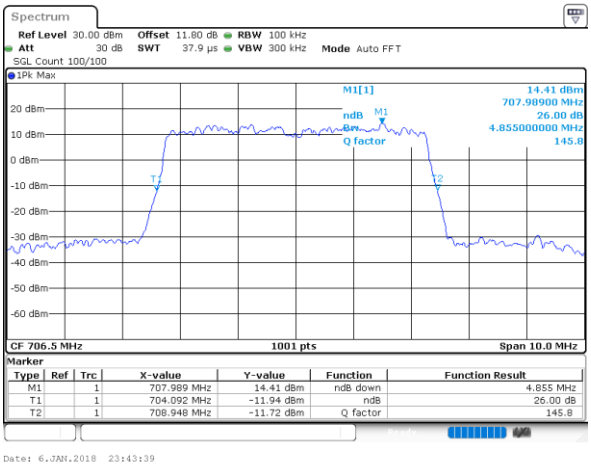
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.03	4.86	9.85	9.77	-	-	-	-
Middle CH	-	-	-	-	4.92	4.91	9.75	9.77	-	-	-	-
Highest CH	-	-	-	-	4.98	4.91	9.87	9.95	-	-	-	-

LTE Band 17

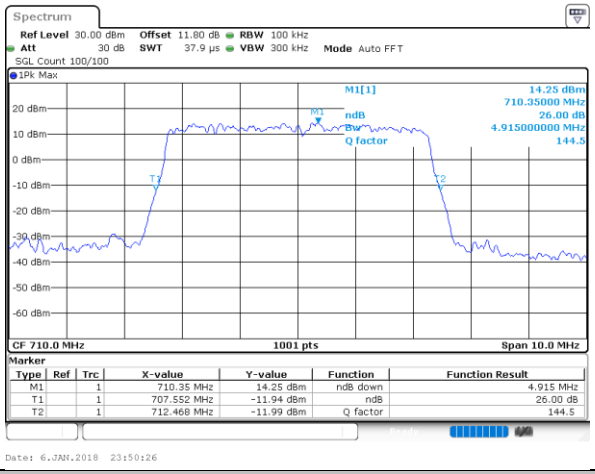
Lowest Channel / 5MHz / QPSK



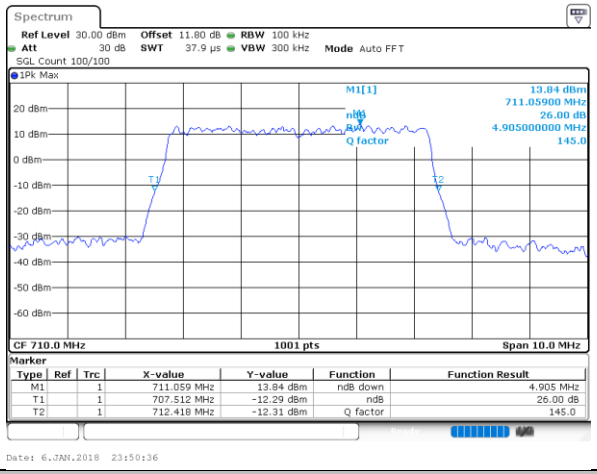
Lowest Channel / 5MHz / 16QAM



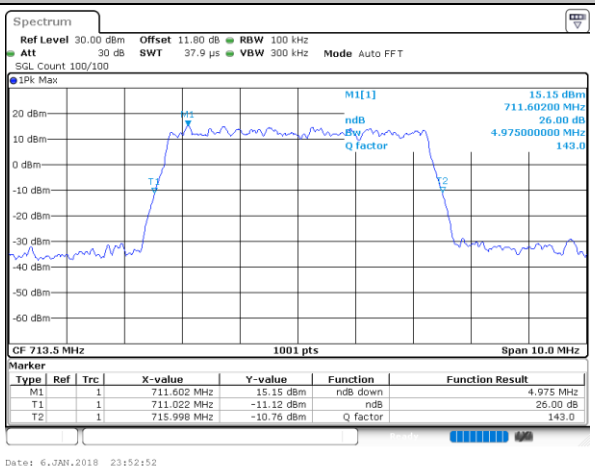
Middle Channel / 5MHz / QPSK



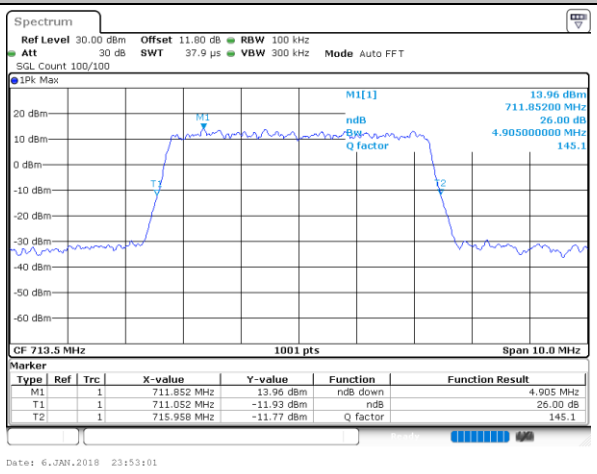
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

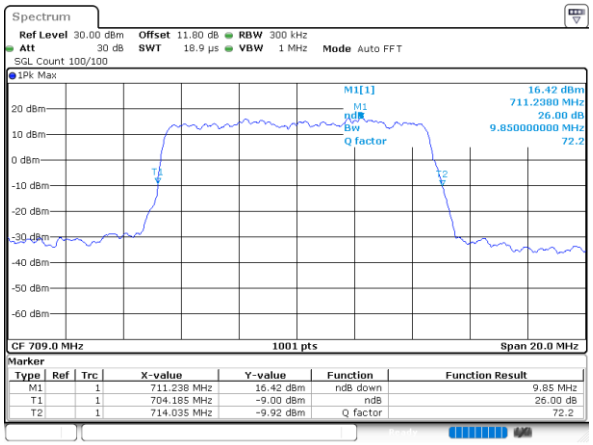


Highest Channel / 5MHz / 16QAM

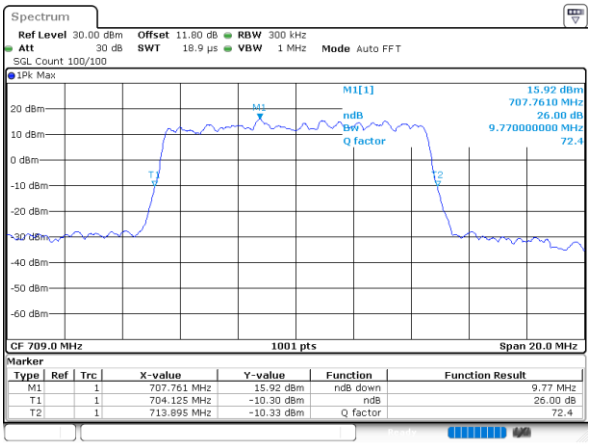


LTE Band 17

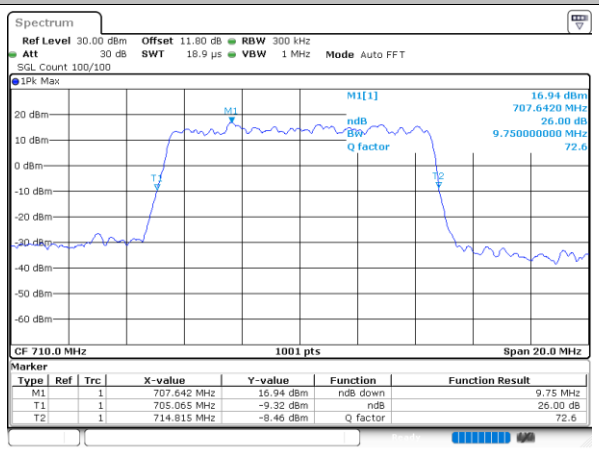
Lowest Channel / 10MHz / QPSK



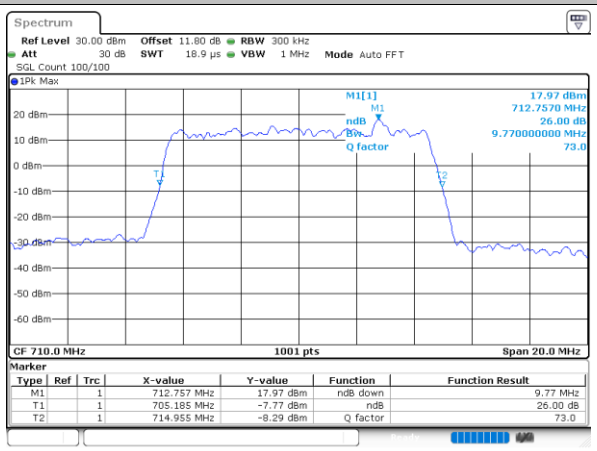
Lowest Channel / 10MHz / 16QAM



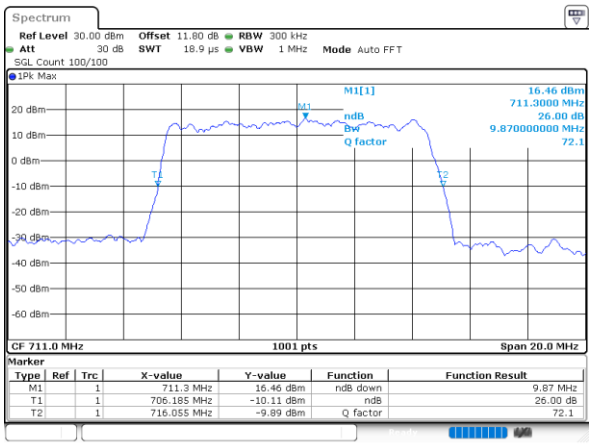
Middle Channel / 10MHz / QPSK



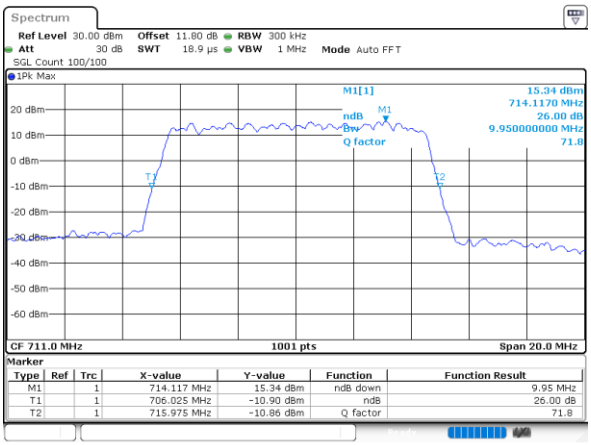
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

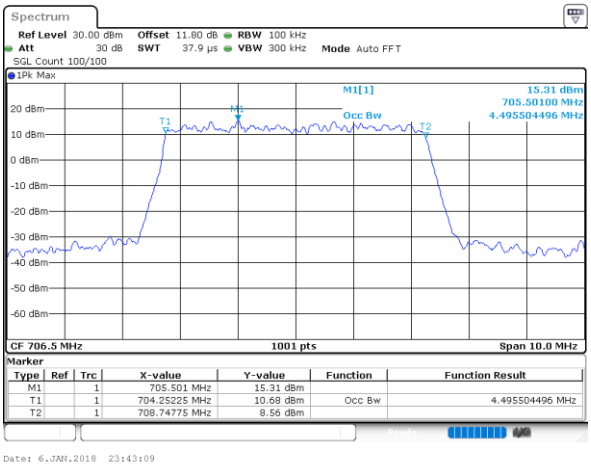


Occupied Bandwidth

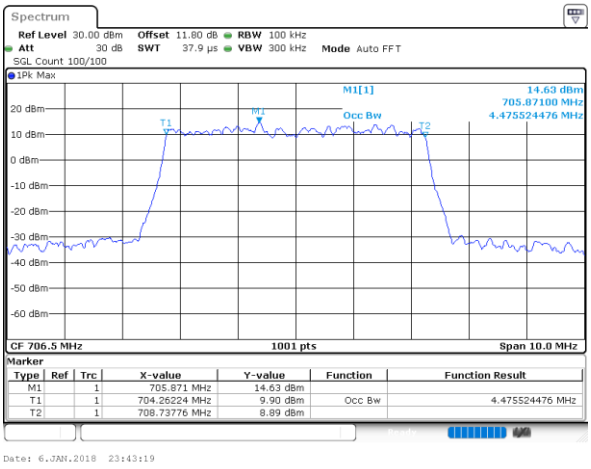
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.48	9.01	9.03	-	-	-	-
Middle CH	-	-	-	-	4.51	4.49	8.99	8.97	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	9.05	8.97	-	-	-	-

LTE Band 17

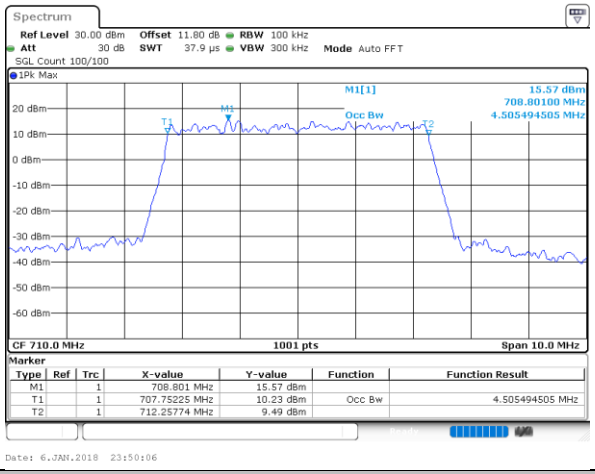
Lowest Channel / 5MHz / QPSK



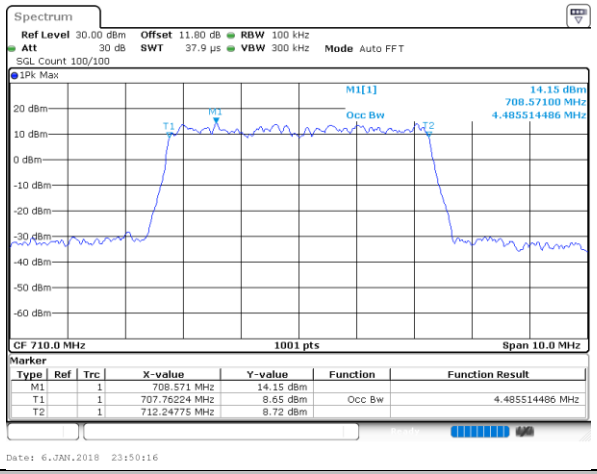
Lowest Channel / 5MHz / 16QAM



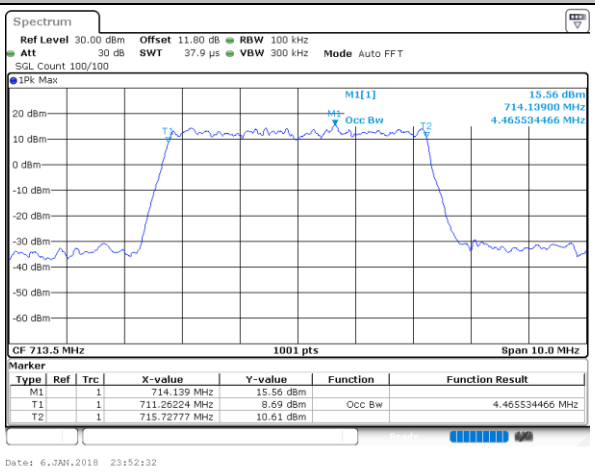
Middle Channel / 5MHz / QPSK



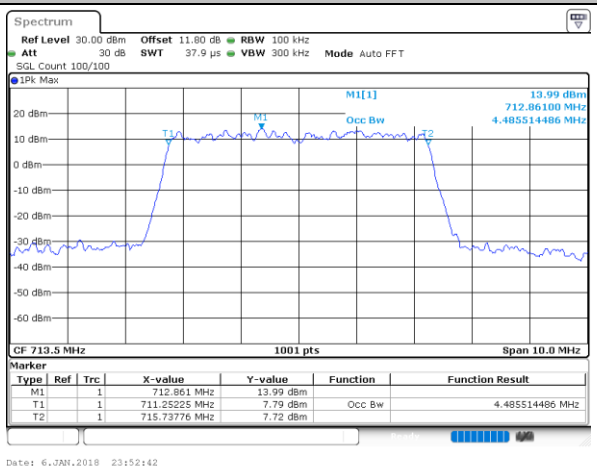
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

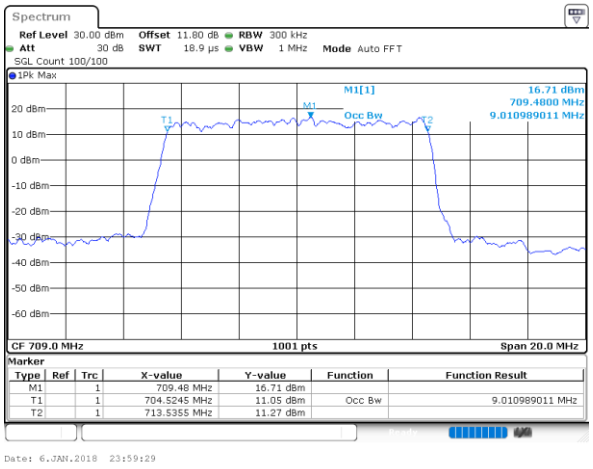


Highest Channel / 5MHz / 16QAM

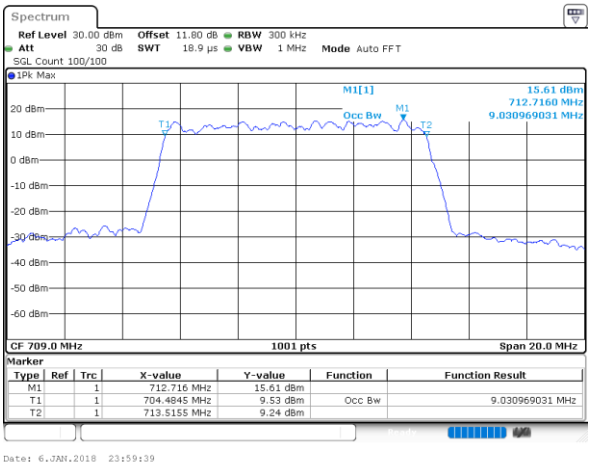


LTE Band 17

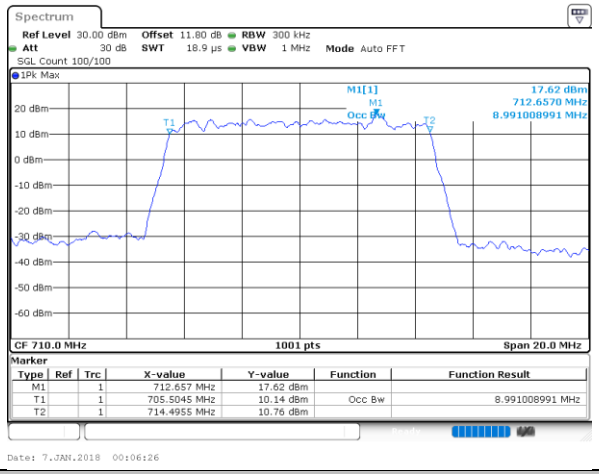
Lowest Channel / 10MHz / QPSK



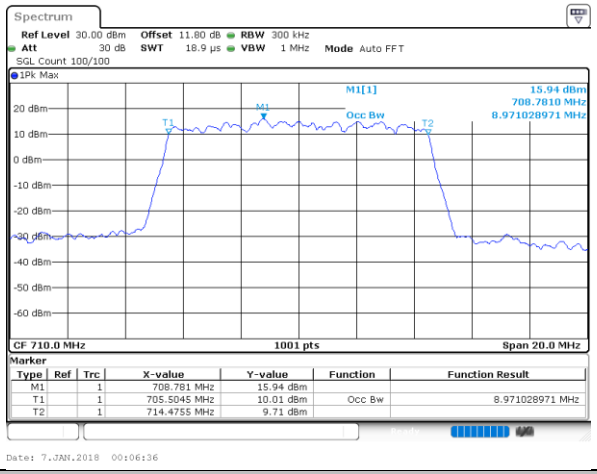
Lowest Channel / 10MHz / 16QAM



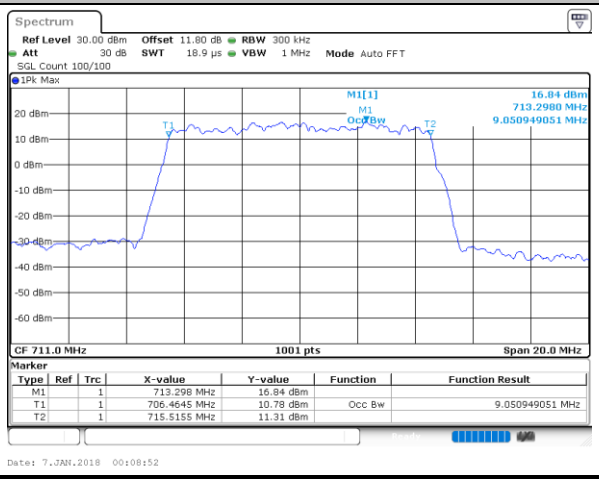
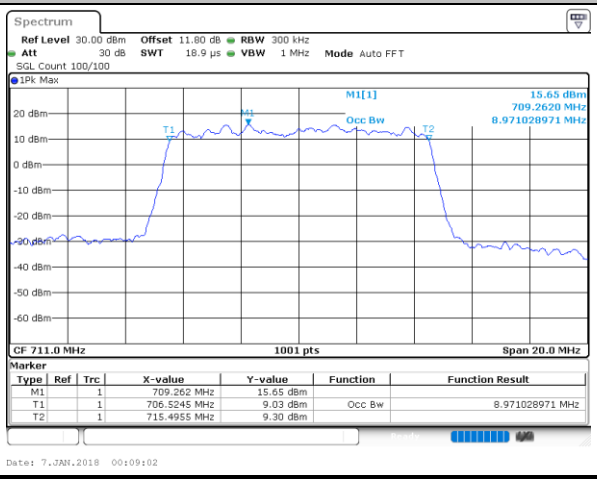
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM