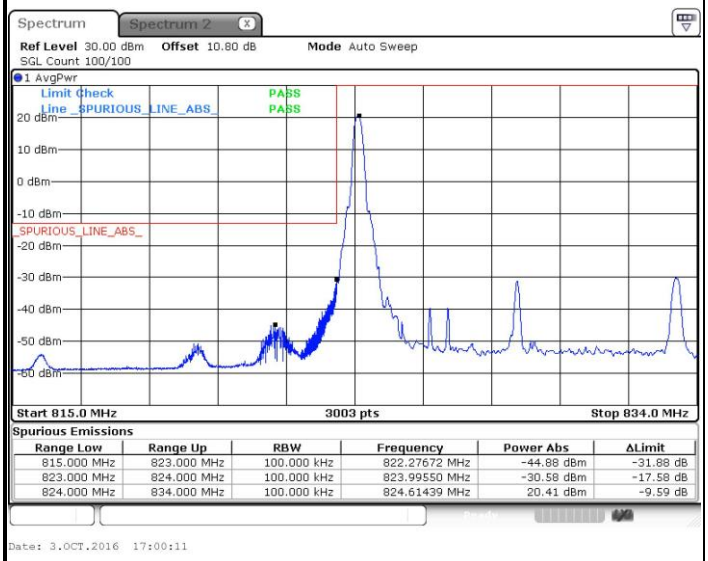
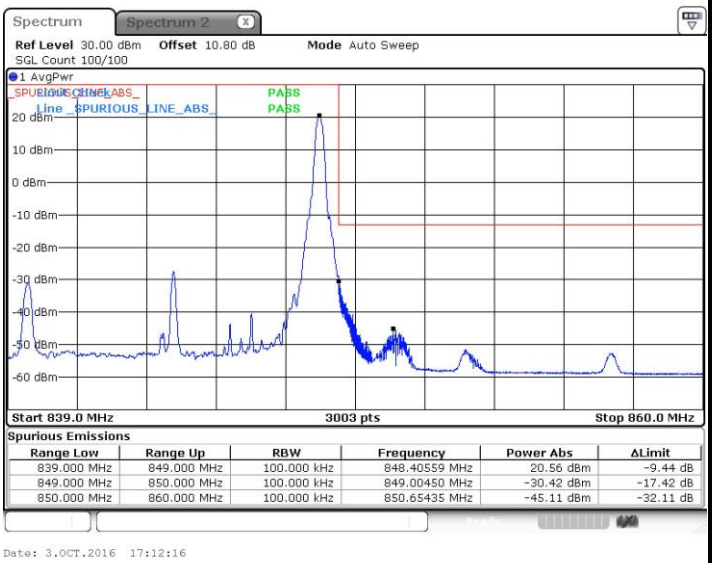
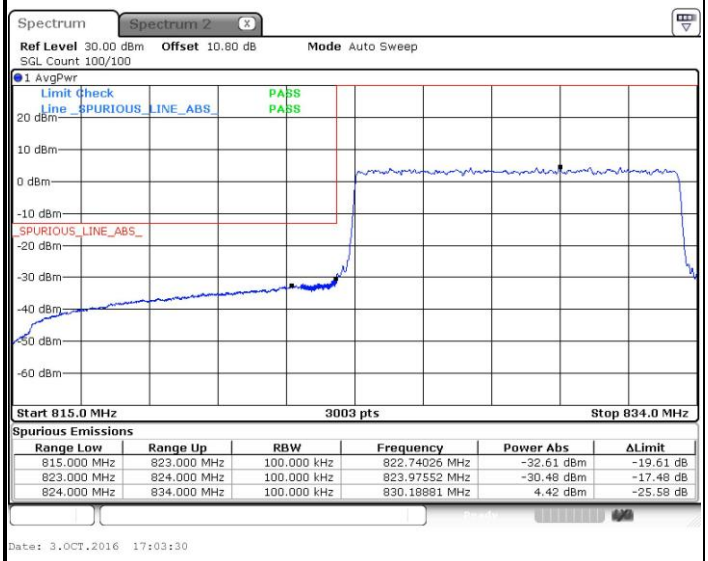
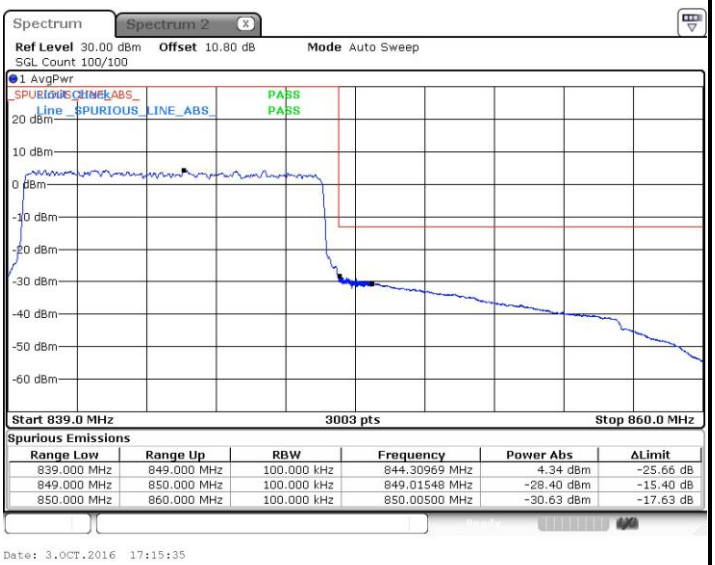
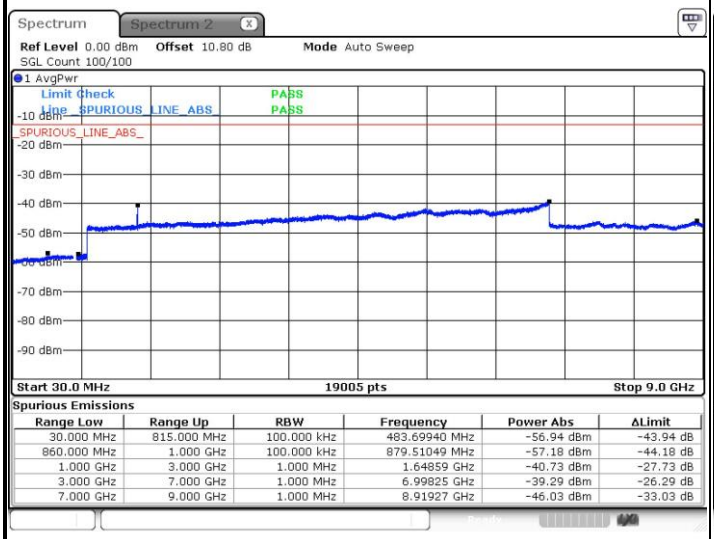
LTE Band 5 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

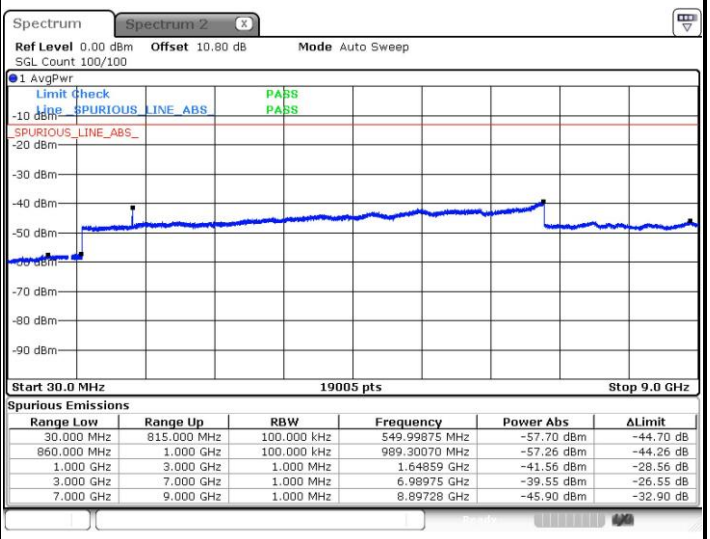


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-56.94 dBm	-43.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.51049 MHz	-57.18 dBm	-44.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-40.73 dBm	-27.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-39.29 dBm	-26.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91927 GHz	-46.03 dBm	-33.03 dB

Date: 3.OCT.2016 17:28:13

Lowest Channel / 16QAM

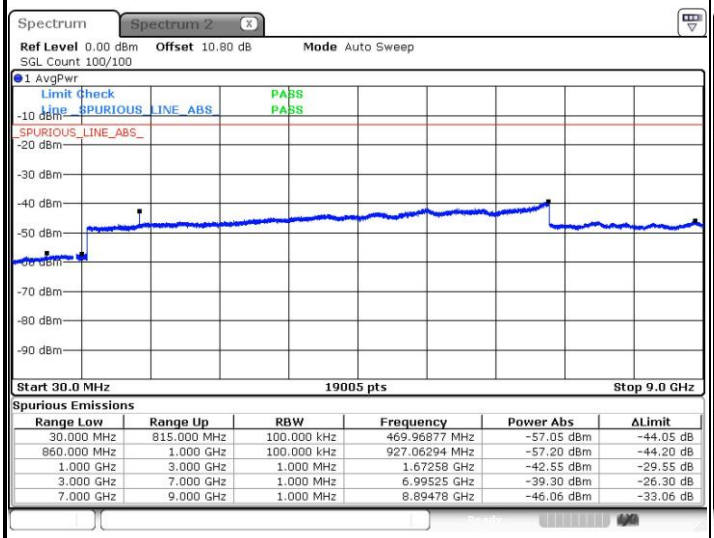


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	549.99875 MHz	-57.70 dBm	-44.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.30070 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.56 dBm	-28.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-39.55 dBm	-26.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89728 GHz	-45.90 dBm	-32.90 dB

Date: 3.OCT.2016 17:29:11

Middle Channel / QPSK

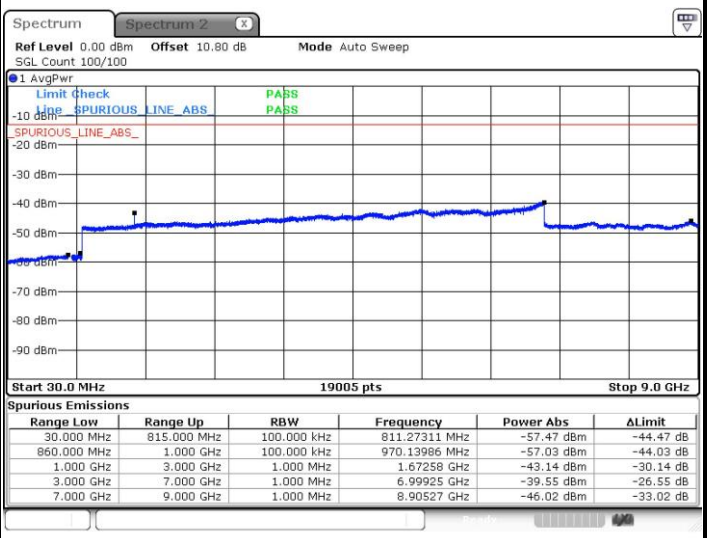


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	469.96877 MHz	-57.05 dBm	-44.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	927.06294 MHz	-57.20 dBm	-44.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-42.55 dBm	-29.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-39.30 dBm	-26.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89478 GHz	-46.06 dBm	-33.06 dB

Date: 3.OCT.2016 17:30:58

Middle Channel / 16QAM



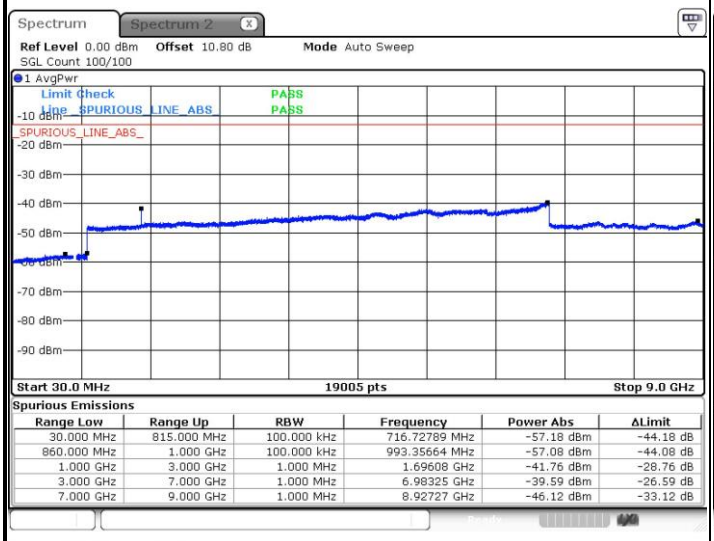
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-57.47 dBm	-44.47 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.13986 MHz	-57.03 dBm	-44.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-43.14 dBm	-30.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-39.55 dBm	-26.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90527 GHz	-46.02 dBm	-33.02 dB

Date: 3.OCT.2016 17:31:57

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

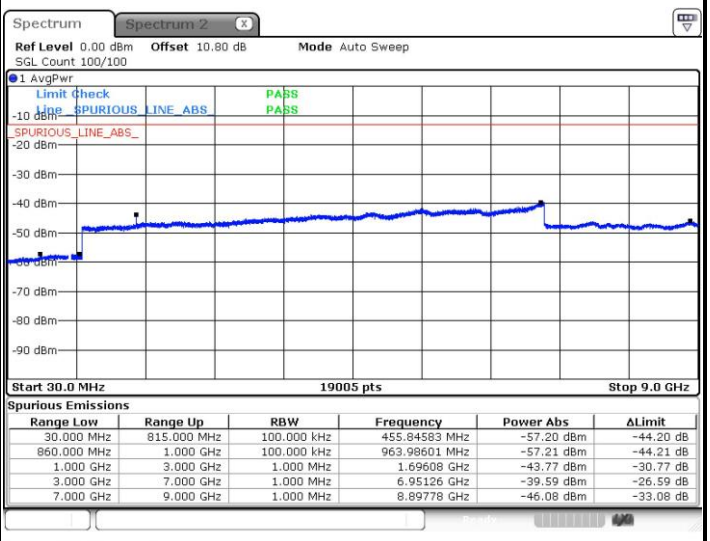


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	716.72789 MHz	-57.18 dBm	-44.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.35664 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-41.76 dBm	-28.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-39.59 dBm	-26.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92727 GHz	-46.12 dBm	-33.12 dB

Date: 3.OCT.2016 17:40:20

Highest Channel / 16QAM



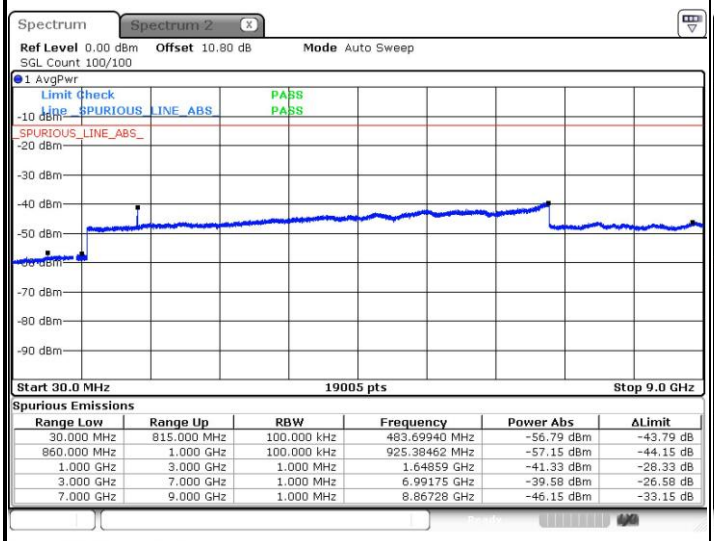
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	455.84583 MHz	-57.20 dBm	-44.20 dB
860.000 MHz	1.000 GHz	100.000 kHz	963.98601 MHz	-57.21 dBm	-44.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-43.77 dBm	-30.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-39.59 dBm	-26.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89778 GHz	-46.08 dBm	-33.08 dB

Date: 3.OCT.2016 17:41:19

LTE Band 5 / 3MHz

Lowest Channel / QPSK

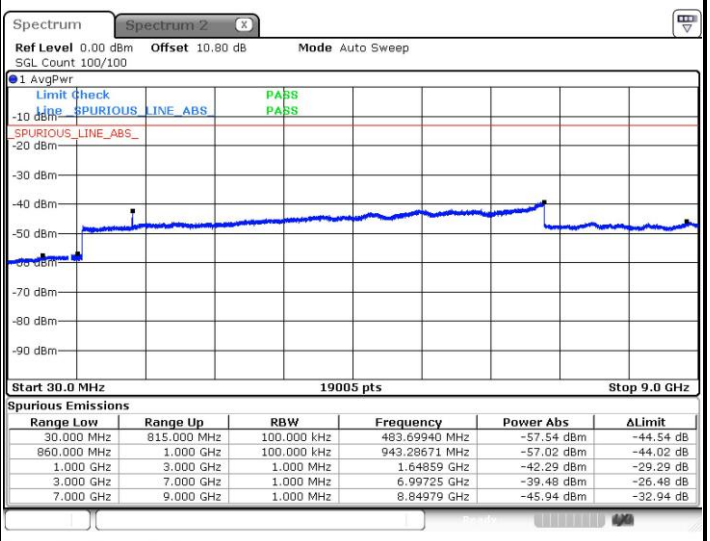


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-56.79 dBm	-43.79 dB
860.000 MHz	1.000 GHz	100.000 kHz	925.38462 MHz	-57.15 dBm	-44.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.33 dBm	-28.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-39.58 dBm	-26.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.86728 GHz	-46.15 dBm	-33.15 dB

Date: 3.OCT.2016 16:21:32

Lowest Channel / 16QAM



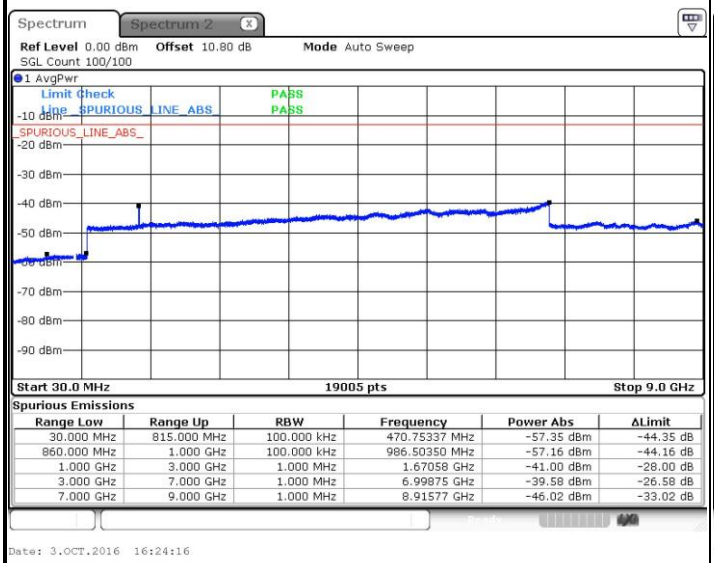
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.69940 MHz	-57.54 dBm	-44.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.28671 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-42.29 dBm	-29.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-39.48 dBm	-26.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84979 GHz	-45.94 dBm	-32.94 dB

Date: 3.OCT.2016 16:22:31

LTE Band 5 / 3MHz

Middle Channel / QPSK

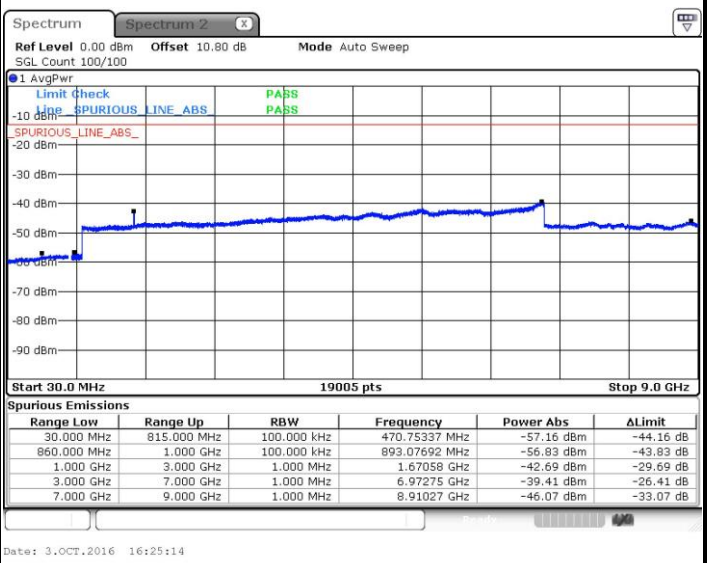


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	470.75337 MHz	-57.35 dBm	-44.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.50350 MHz	-57.16 dBm	-44.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-41.00 dBm	-28.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-39.58 dBm	-26.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91577 GHz	-46.02 dBm	-33.02 dB

Date: 3.OCT.2016 16:24:16

Middle Channel / 16QAM

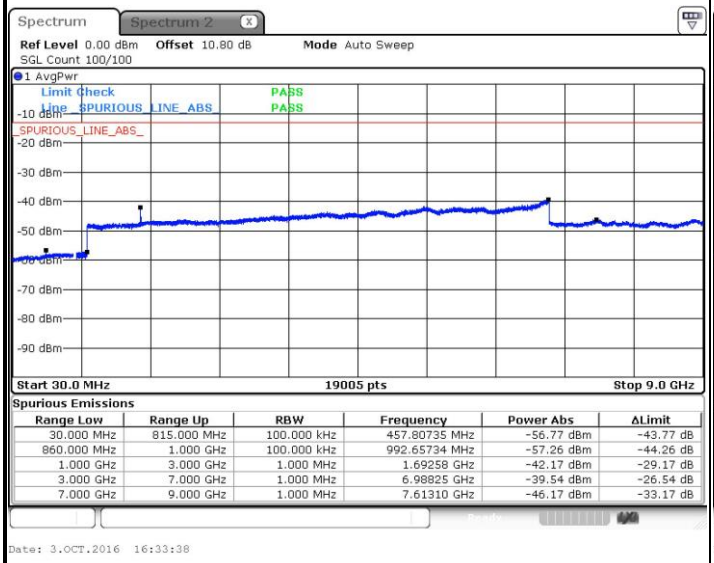


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	470.75337 MHz	-57.16 dBm	-44.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.07692 MHz	-56.83 dBm	-43.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-42.69 dBm	-29.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97275 GHz	-39.41 dBm	-26.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91027 GHz	-46.07 dBm	-33.07 dB

Date: 3.OCT.2016 16:25:14

Highest Channel / QPSK

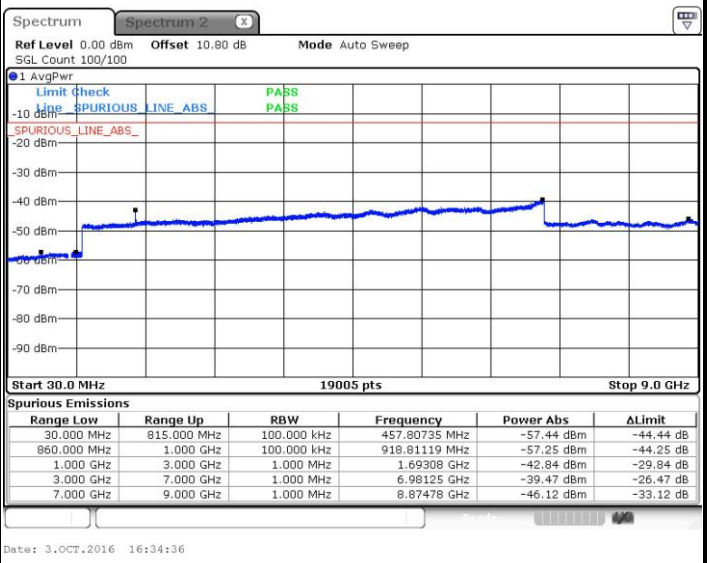


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	457.80735 MHz	-56.77 dBm	-43.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.65734 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-42.17 dBm	-29.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-39.54 dBm	-26.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.61310 GHz	-46.17 dBm	-33.17 dB

Date: 3.OCT.2016 16:33:38

Highest Channel / 16QAM



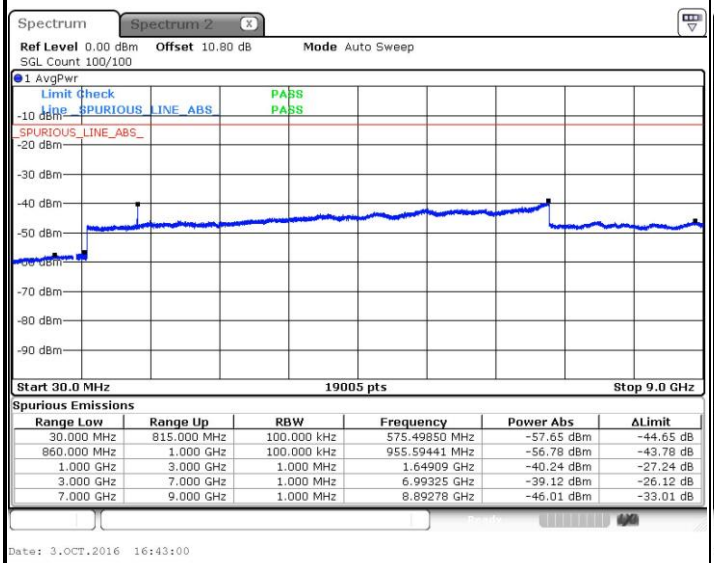
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	457.80735 MHz	-57.44 dBm	-44.44 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.81119 MHz	-57.25 dBm	-44.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-42.84 dBm	-29.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-39.47 dBm	-26.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87478 GHz	-46.12 dBm	-33.12 dB

Date: 3.OCT.2016 16:34:36

LTE Band 5 / 5MHz

Lowest Channel / QPSK

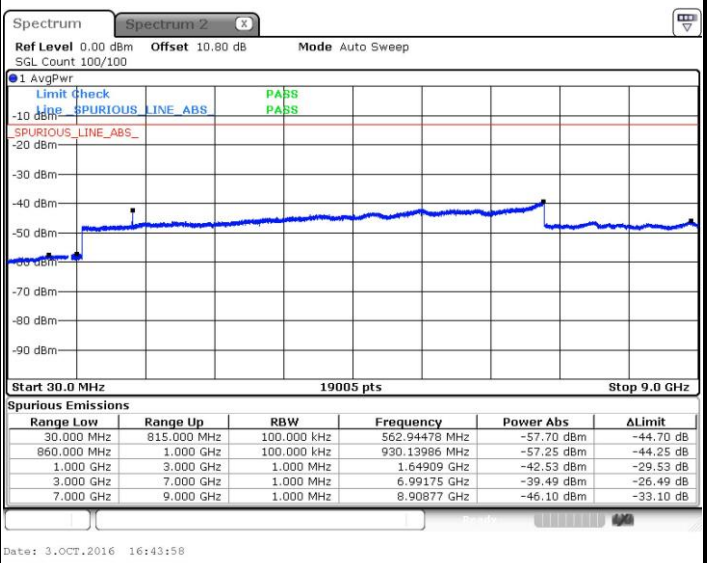


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	575.49850 MHz	-57.65 dBm	-44.65 dB
860.000 MHz	1.000 GHz	100.000 kHz	955.59441 MHz	-56.78 dBm	-43.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-40.24 dBm	-27.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-39.12 dBm	-26.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89278 GHz	-46.01 dBm	-33.01 dB

Date: 3.OCT.2016 16:43:00

Lowest Channel / 16QAM

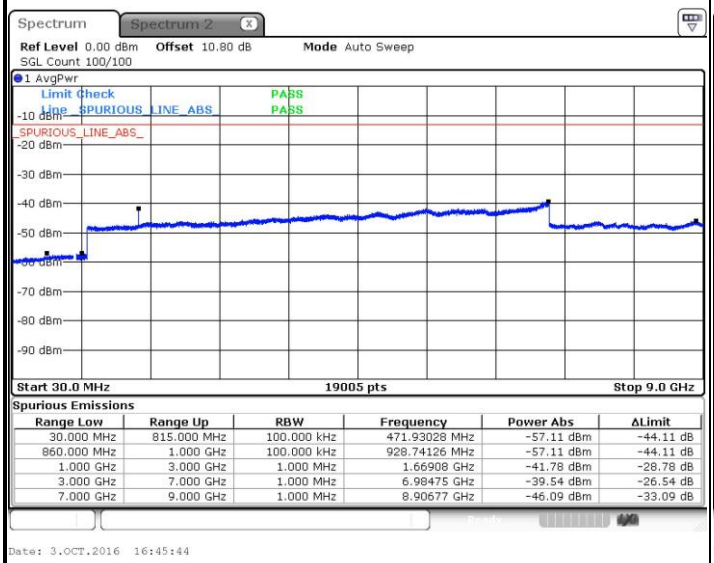


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	562.94478 MHz	-57.70 dBm	-44.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.13986 MHz	-57.25 dBm	-44.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-42.53 dBm	-29.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-39.49 dBm	-26.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90877 GHz	-46.10 dBm	-33.10 dB

Date: 3.OCT.2016 16:43:58

Middle Channel / QPSK

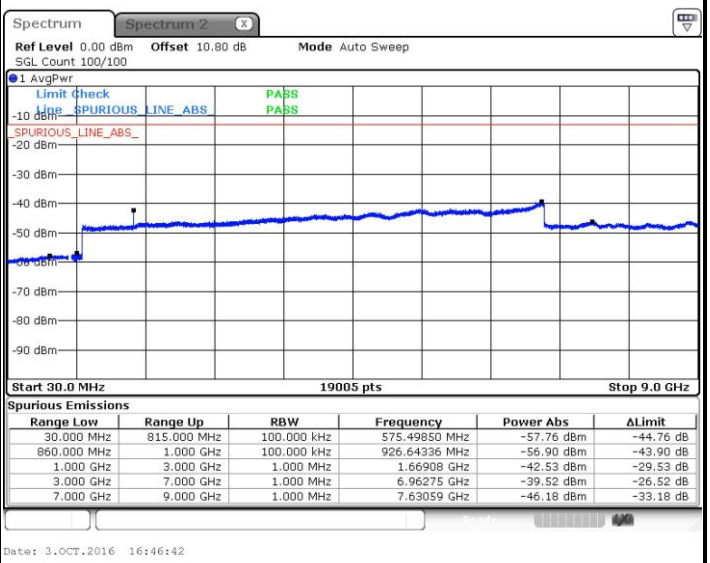


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	471.93028 MHz	-57.11 dBm	-44.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	928.74126 MHz	-57.11 dBm	-44.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-41.78 dBm	-28.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-39.54 dBm	-26.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90677 GHz	-46.09 dBm	-33.09 dB

Date: 3.OCT.2016 16:45:44

Middle Channel / 16QAM



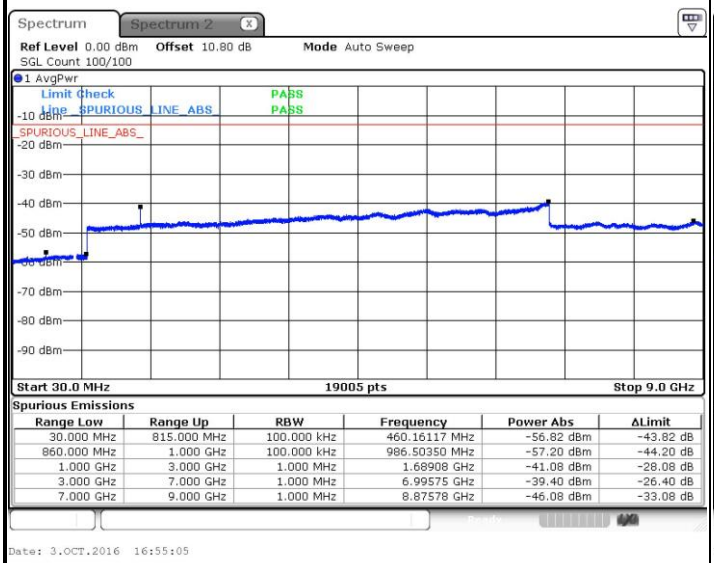
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	575.49850 MHz	-57.76 dBm	-44.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	926.64336 MHz	-56.90 dBm	-43.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-42.53 dBm	-29.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96275 GHz	-39.52 dBm	-26.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63059 GHz	-46.18 dBm	-33.18 dB

Date: 3.OCT.2016 16:46:42

LTE Band 5 / 5MHz

Highest Channel / QPSK

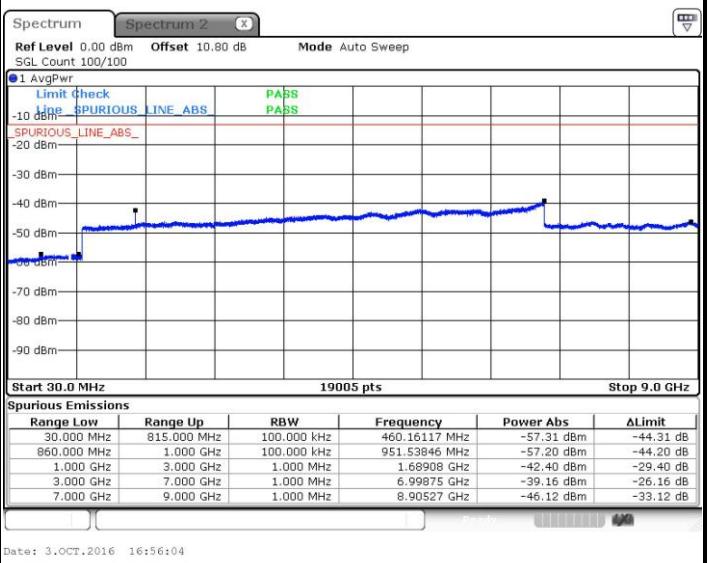


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	460.16117 MHz	-56.82 dBm	-43.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.50350 MHz	-57.20 dBm	-44.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-41.08 dBm	-28.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-39.40 dBm	-26.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87578 GHz	-46.08 dBm	-33.08 dB

Date: 3.OCT.2016 16:55:05

Highest Channel / 16QAM



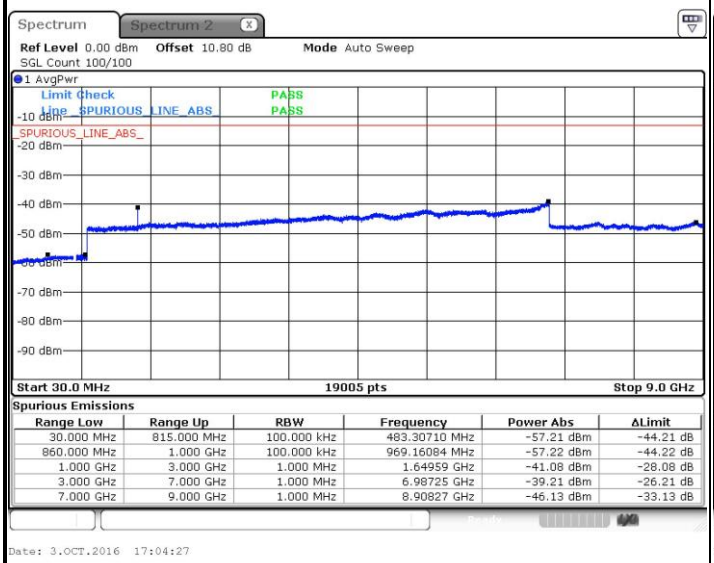
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	460.16117 MHz	-57.31 dBm	-44.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.53846 MHz	-57.20 dBm	-44.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.40 dBm	-29.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-39.16 dBm	-26.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90527 GHz	-46.12 dBm	-33.12 dB

Date: 3.OCT.2016 16:56:04

LTE Band 5 / 10MHz

Lowest Channel / QPSK

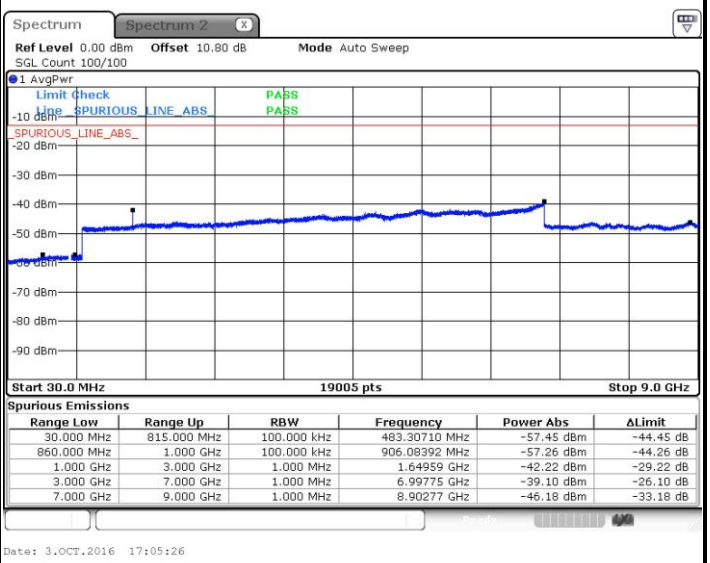


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.30710 MHz	-57.21 dBm	-44.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.16084 MHz	-57.22 dBm	-44.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-41.08 dBm	-28.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-39.21 dBm	-26.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90827 GHz	-46.13 dBm	-33.13 dB

Date: 3.OCT.2016 17:04:27

Lowest Channel / 16QAM



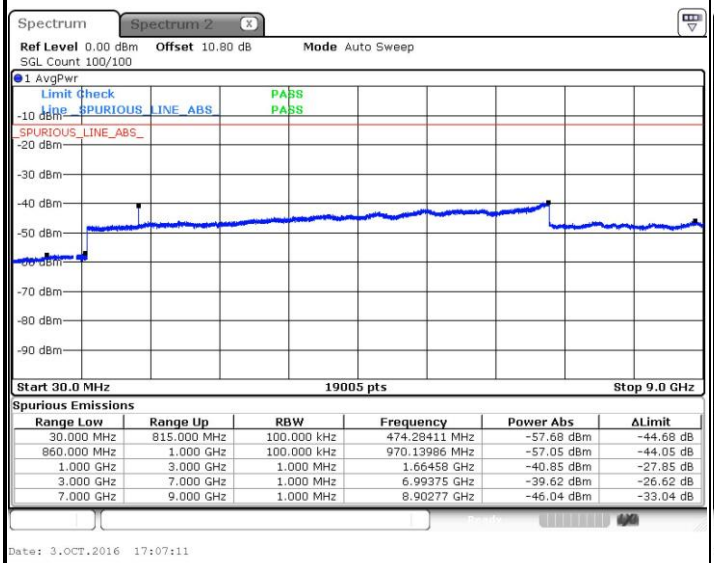
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.30710 MHz	-57.45 dBm	-44.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	906.08392 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-42.22 dBm	-29.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-39.10 dBm	-26.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90277 GHz	-46.18 dBm	-33.18 dB

Date: 3.OCT.2016 17:05:26

LTE Band 5 / 10MHz

Middle Channel / QPSK

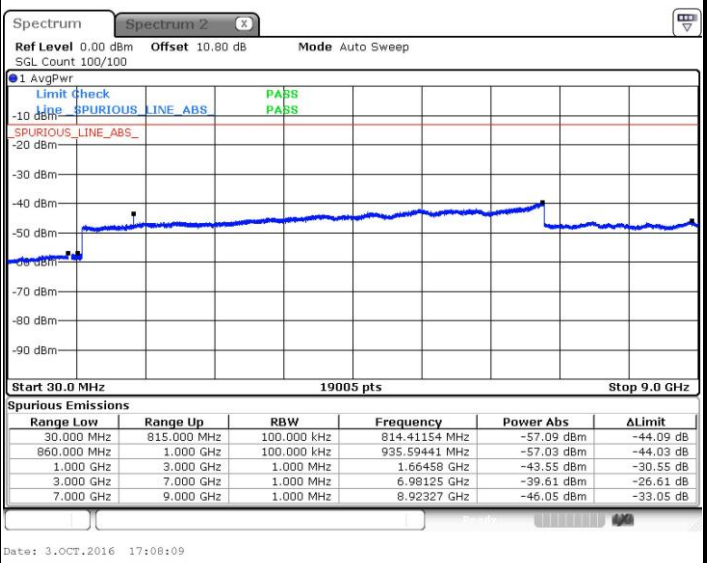


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	474.28411 MHz	-57.68 dBm	-44.68 dB
860.000 MHz	1.000 GHz	100.000 kHz	970.13986 MHz	-57.05 dBm	-44.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-40.85 dBm	-27.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-39.62 dBm	-26.62 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90277 GHz	-46.04 dBm	-33.04 dB

Date: 3.OCT.2016 17:07:11

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	-57.09 dBm	-44.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.59441 MHz	-57.03 dBm	-44.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-43.55 dBm	-30.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-39.61 dBm	-26.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92327 GHz	-46.05 dBm	-33.05 dB

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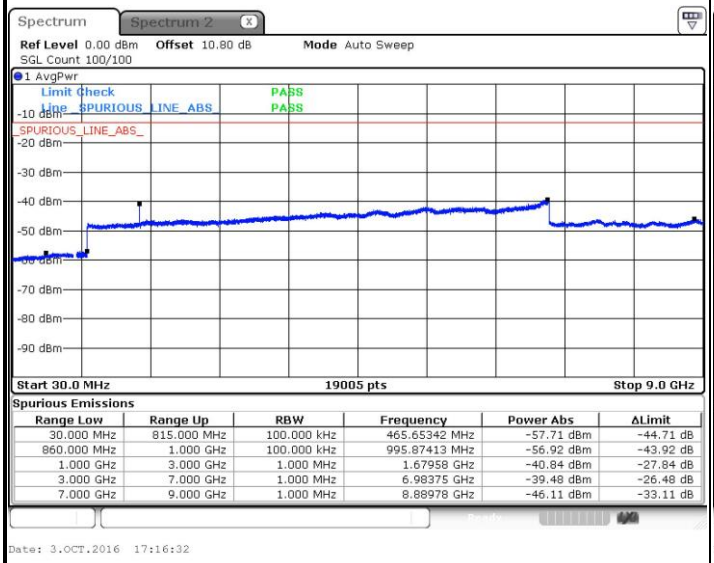
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	465.65342 MHz	-57.71 dBm	-44.71 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.87413 MHz	-56.92 dBm	-43.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-40.84 dBm	-27.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-39.48 dBm	-26.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88978 GHz	-46.11 dBm	-33.11 dB

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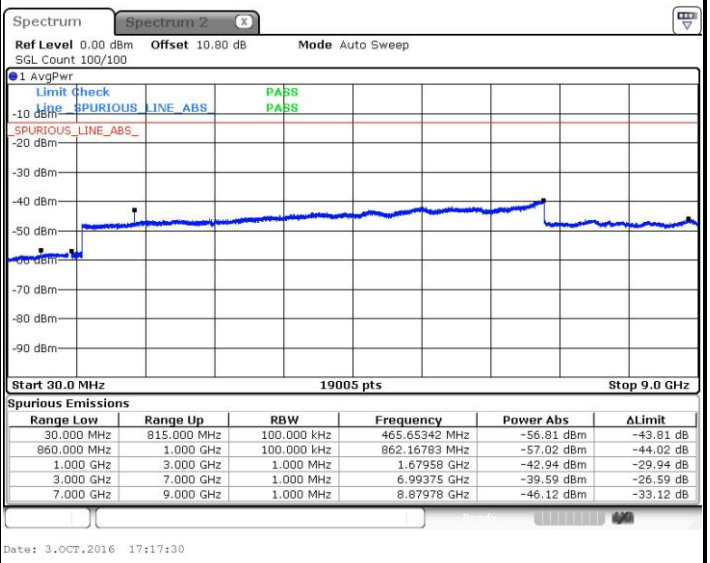
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	465.65342 MHz	-56.81 dBm	-43.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	862.16783 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-42.94 dBm	-29.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-39.59 dBm	-26.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87978 GHz	-46.12 dBm	-33.12 dB

Date: 3.OCT.2016 17:17:30

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	0.0097	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0099	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.