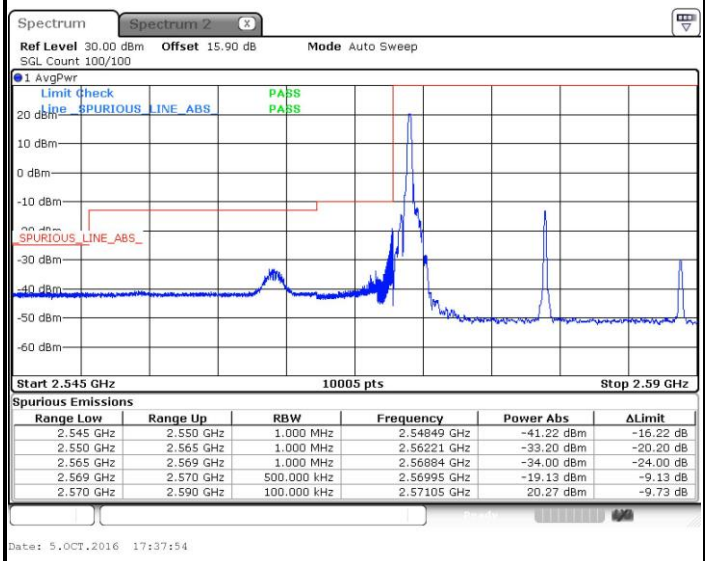
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

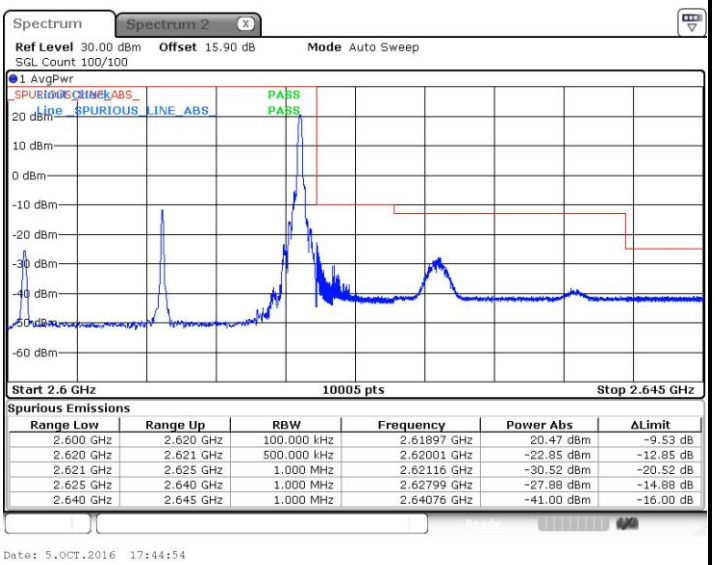


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54849 GHz	-41.22 dBm	-16.22 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56221 GHz	-33.20 dBm	-20.20 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56884 GHz	-34.00 dBm	-24.00 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56995 GHz	-19.13 dBm	-9.13 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57105 GHz	20.27 dBm	-9.73 dB

Date: 5.OCT.2016 17:37:54

Highest Band Edge / 1 RB

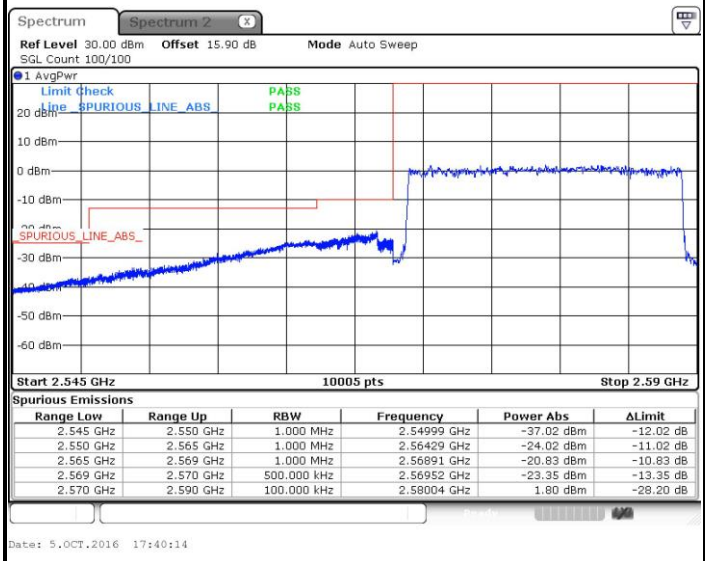


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61897 GHz	20.47 dBm	-9.53 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-22.85 dBm	-12.85 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62116 GHz	-30.52 dBm	-20.52 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62799 GHz	-27.88 dBm	-14.88 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64076 GHz	-41.00 dBm	-16.00 dB

Date: 5.OCT.2016 17:44:54

Lowest Band Edge / Full RB

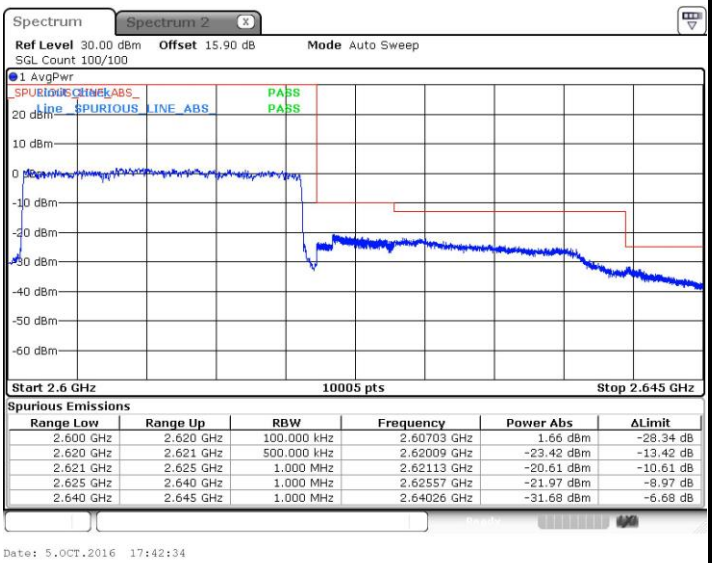


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54999 GHz	-37.02 dBm	-12.02 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56429 GHz	-24.02 dBm	-11.02 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-20.83 dBm	-10.83 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56952 GHz	-23.35 dBm	-13.35 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58004 GHz	1.80 dBm	-28.20 dB

Date: 5.OCT.2016 17:40:14

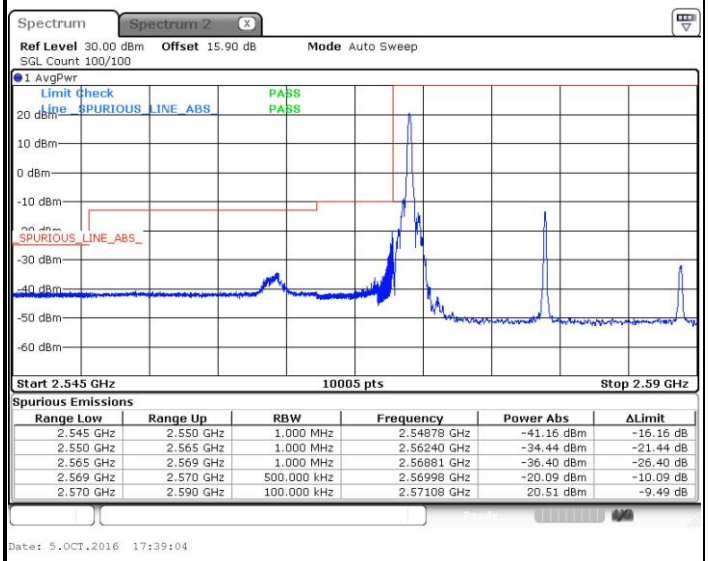
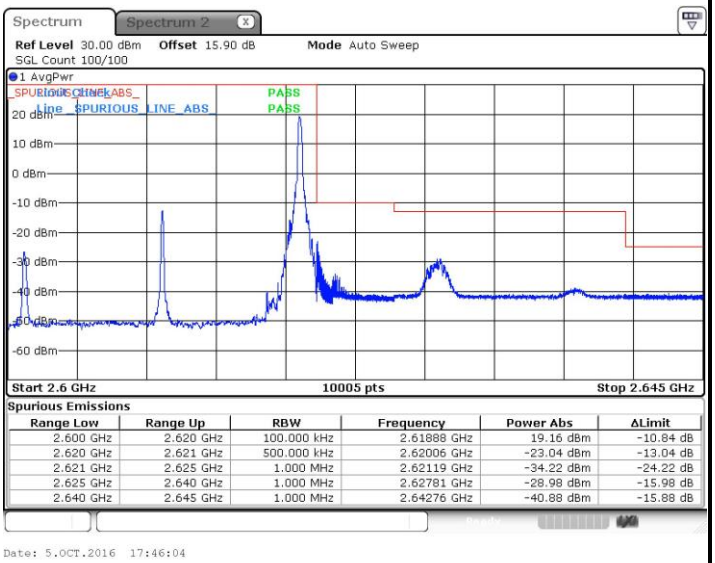
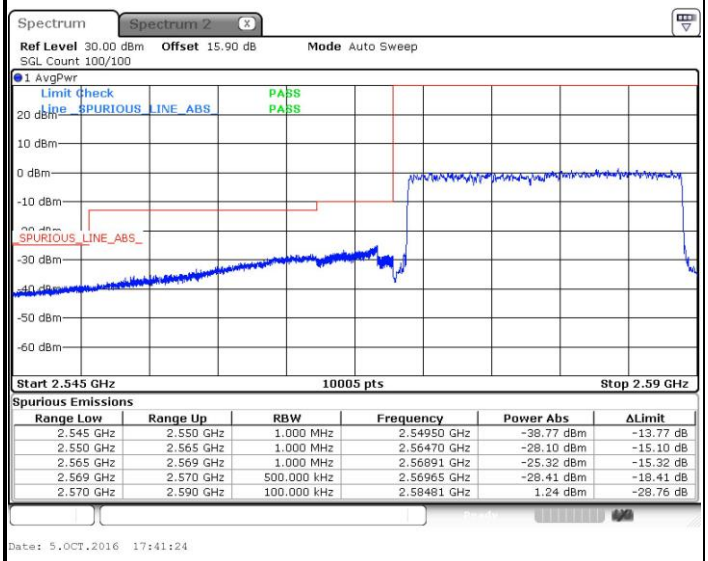
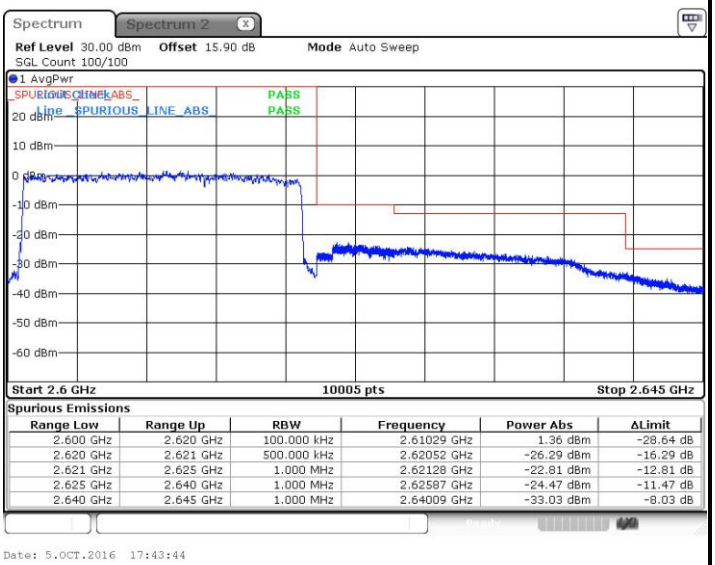
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60703 GHz	1.66 dBm	-28.34 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62009 GHz	-23.42 dBm	-13.42 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62113 GHz	-20.61 dBm	-10.61 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62557 GHz	-21.97 dBm	-8.97 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64026 GHz	-31.68 dBm	-6.68 dB

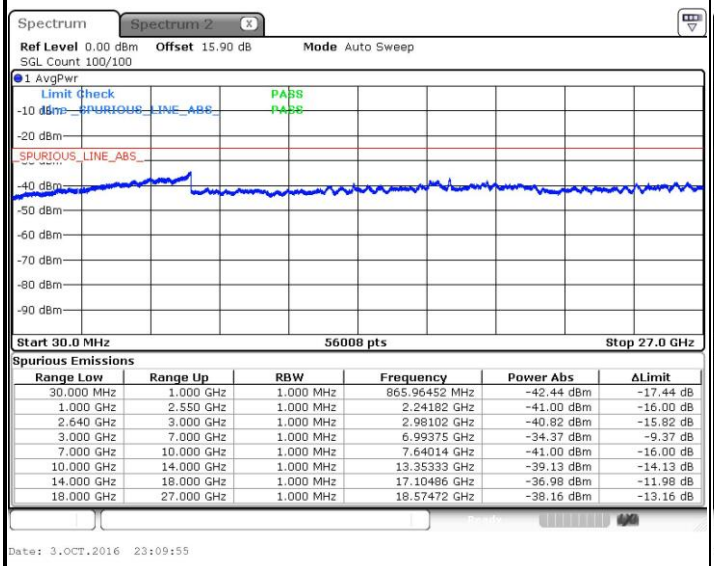
Date: 5.OCT.2016 17:42:34

LTE Band 38 / 20MHz / 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 38 / 5MHz

Lowest Channel / QPSK

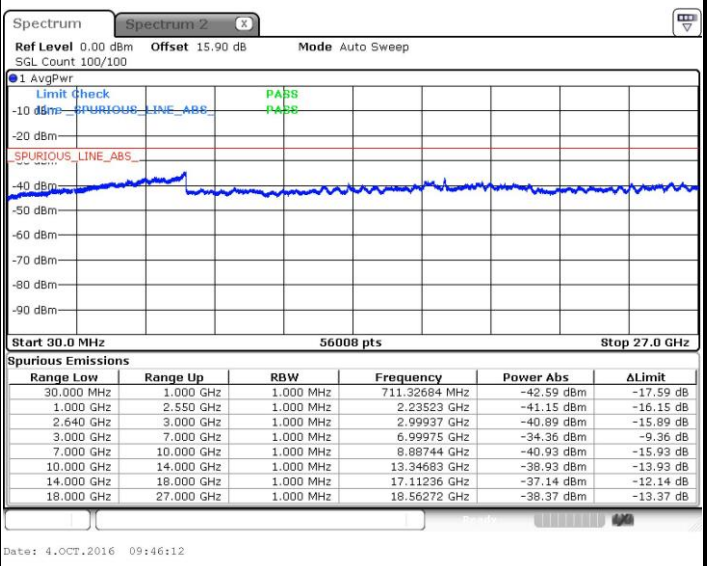


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-42.44 dBm	-17.44 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.24182 GHz	-41.00 dBm	-16.00 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98102 GHz	-40.82 dBm	-15.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-34.37 dBm	-9.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.64014 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-39.13 dBm	-14.13 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10486 GHz	-36.98 dBm	-11.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57472 GHz	-38.16 dBm	-13.16 dB

Date: 3.OCT.2016 23:09:55

Lowest Channel / 16QAM

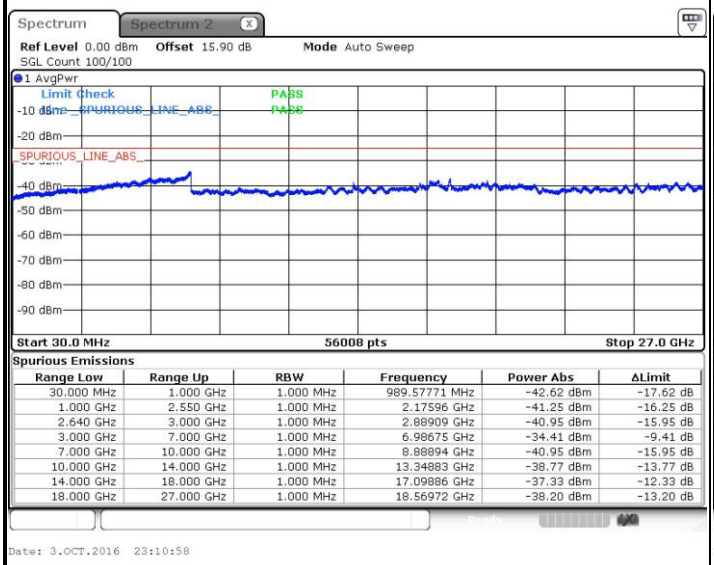


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	711.32684 MHz	-42.59 dBm	-17.59 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.23523 GHz	-41.15 dBm	-16.15 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99937 GHz	-40.89 dBm	-15.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-34.36 dBm	-9.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88744 GHz	-40.93 dBm	-15.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34683 GHz	-38.93 dBm	-13.93 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11236 GHz	-37.14 dBm	-12.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56272 GHz	-38.37 dBm	-13.37 dB

Date: 4.OCT.2016 09:46:12

Middle Channel / QPSK

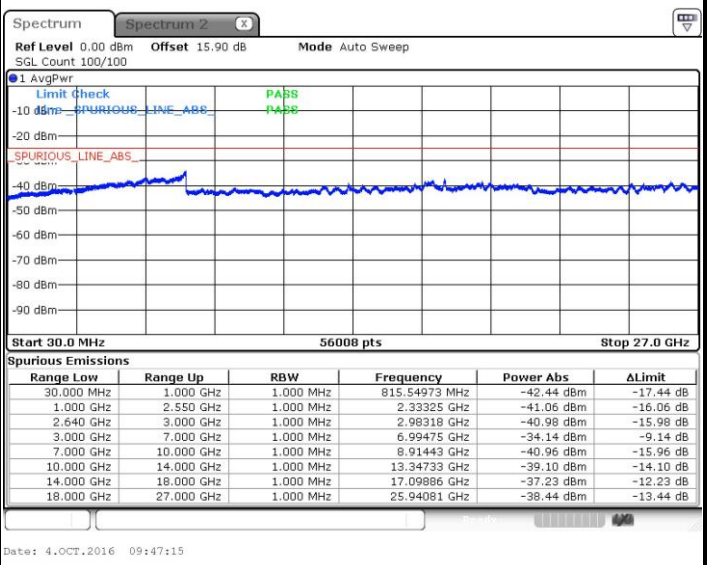


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-42.62 dBm	-17.62 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.17596 GHz	-41.25 dBm	-16.25 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.88909 GHz	-40.95 dBm	-15.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-34.41 dBm	-9.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88894 GHz	-40.95 dBm	-15.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34883 GHz	-38.77 dBm	-13.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09886 GHz	-37.33 dBm	-12.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56972 GHz	-38.20 dBm	-13.20 dB

Date: 3.OCT.2016 23:10:58

Middle Channel / 16QAM



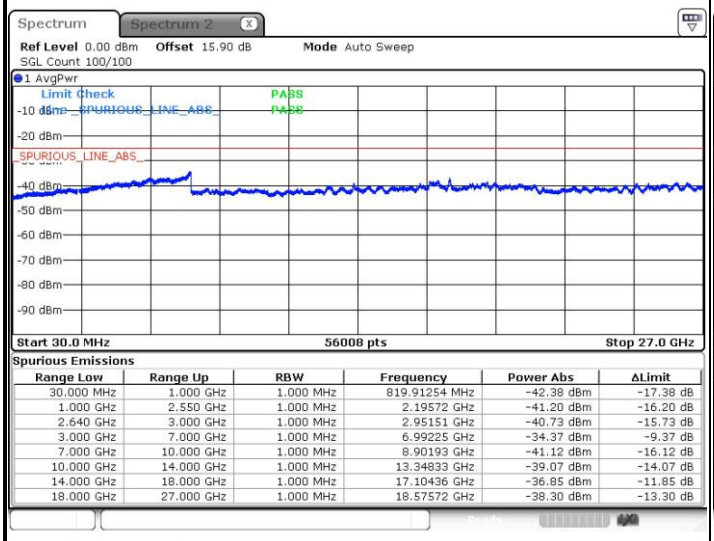
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	815.54973 MHz	-42.44 dBm	-17.44 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.33325 GHz	-41.06 dBm	-16.06 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98318 GHz	-40.98 dBm	-15.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-34.14 dBm	-9.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91443 GHz	-40.96 dBm	-15.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34733 GHz	-39.10 dBm	-14.10 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09886 GHz	-37.23 dBm	-12.23 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.94081 GHz	-38.44 dBm	-13.44 dB

Date: 4.OCT.2016 09:47:15

LTE Band 38 / 5MHz

Highest Channel / QPSK

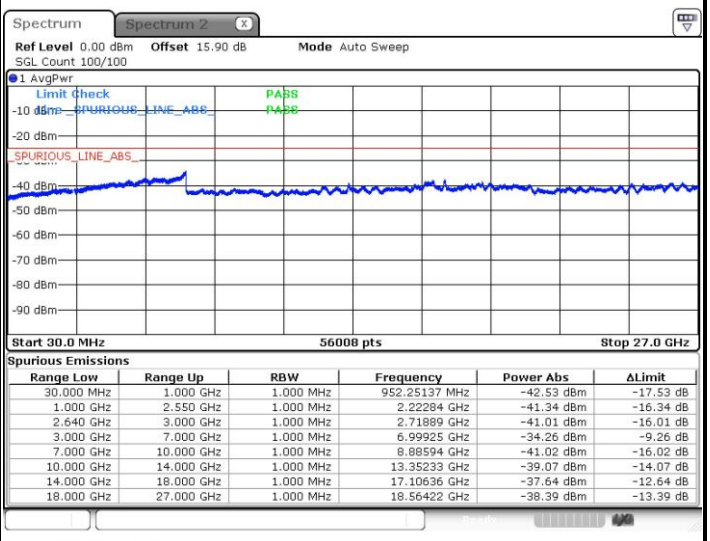


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	819.91254 MHz	-42.38 dBm	-17.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.19572 GHz	-41.20 dBm	-16.20 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95151 GHz	-40.73 dBm	-15.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-34.37 dBm	-9.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90193 GHz	-41.12 dBm	-16.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34833 GHz	-39.07 dBm	-14.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10436 GHz	-36.85 dBm	-11.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57572 GHz	-38.30 dBm	-13.30 dB

Date: 3.OCT.2016 23:12:01

Highest Channel / 16QAM



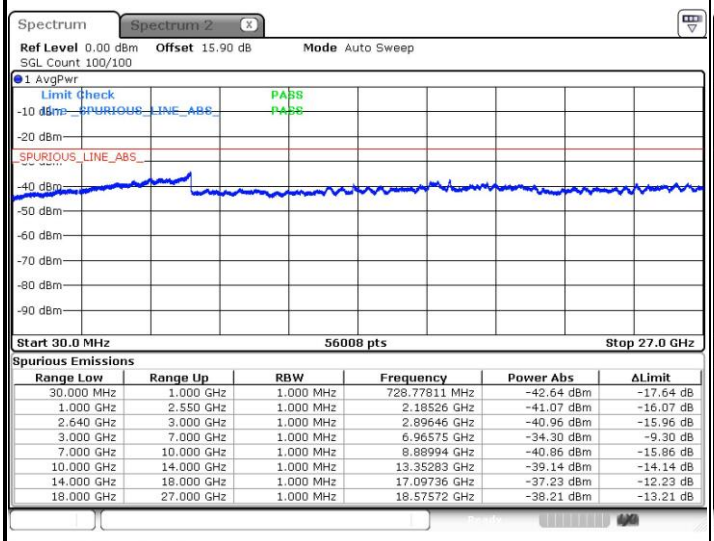
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-42.53 dBm	-17.53 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.22284 GHz	-41.34 dBm	-16.34 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.71889 GHz	-41.01 dBm	-16.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-34.26 dBm	-9.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88594 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35233 GHz	-39.07 dBm	-14.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10636 GHz	-37.64 dBm	-12.64 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56422 GHz	-38.39 dBm	-13.39 dB

Date: 4.OCT.2016 09:48:18

LTE Band 38 / 10MHz

Lowest Channel / QPSK

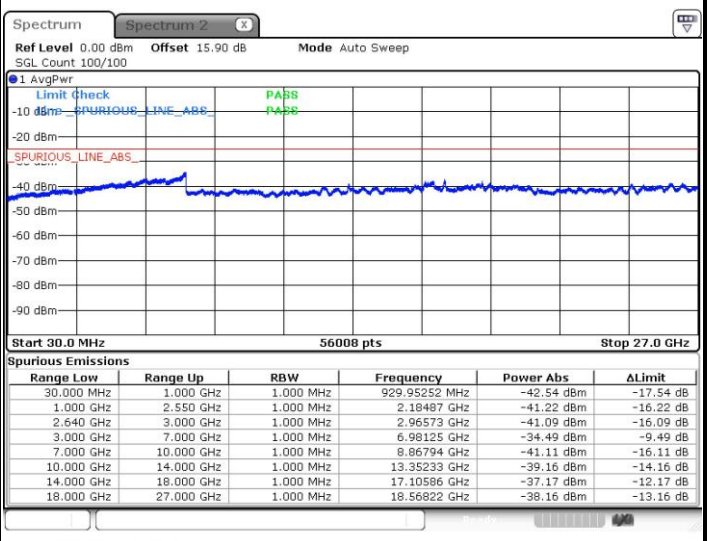


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	728.77811 MHz	-42.64 dBm	-17.64 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.18526 GHz	-41.07 dBm	-16.07 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.89646 GHz	-40.96 dBm	-15.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96575 GHz	-34.30 dBm	-9.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88994 GHz	-40.86 dBm	-15.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35283 GHz	-39.14 dBm	-14.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09736 GHz	-37.23 dBm	-12.23 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57572 GHz	-38.21 dBm	-13.21 dB

Date: 3.OCT.2016 23:13:04

Lowest Channel / 16QAM



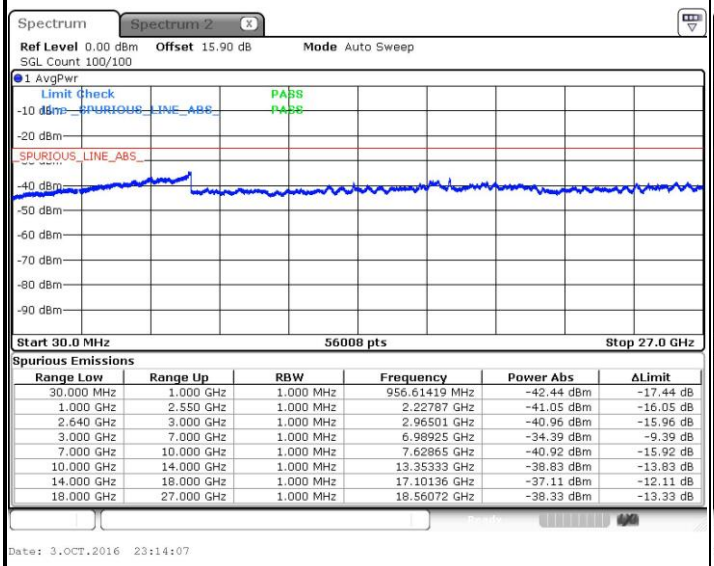
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-42.54 dBm	-17.54 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.18487 GHz	-41.22 dBm	-16.22 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96573 GHz	-41.09 dBm	-16.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-34.49 dBm	-9.49 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.86794 GHz	-41.11 dBm	-16.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35233 GHz	-39.16 dBm	-14.16 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10586 GHz	-37.17 dBm	-12.17 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56822 GHz	-38.16 dBm	-13.16 dB

Date: 4.OCT.2016 09:49:21

LTE Band 38 / 10MHz

Middle Channel / QPSK

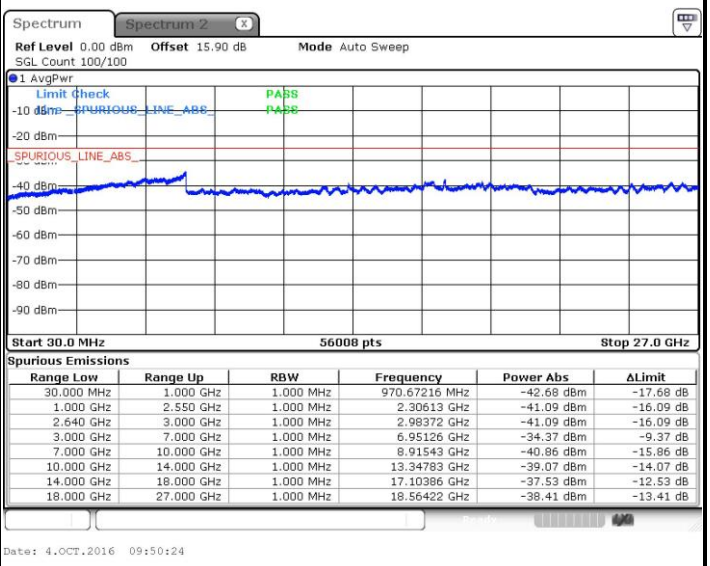


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-42.44 dBm	-17.44 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.22787 GHz	-41.05 dBm	-16.05 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96501 GHz	-40.96 dBm	-15.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-34.39 dBm	-9.39 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.62865 GHz	-40.92 dBm	-15.92 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-38.83 dBm	-13.83 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10136 GHz	-37.11 dBm	-12.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56072 GHz	-38.33 dBm	-13.33 dB

Date: 3.OCT.2016 23:14:07

Middle Channel / 16QAM

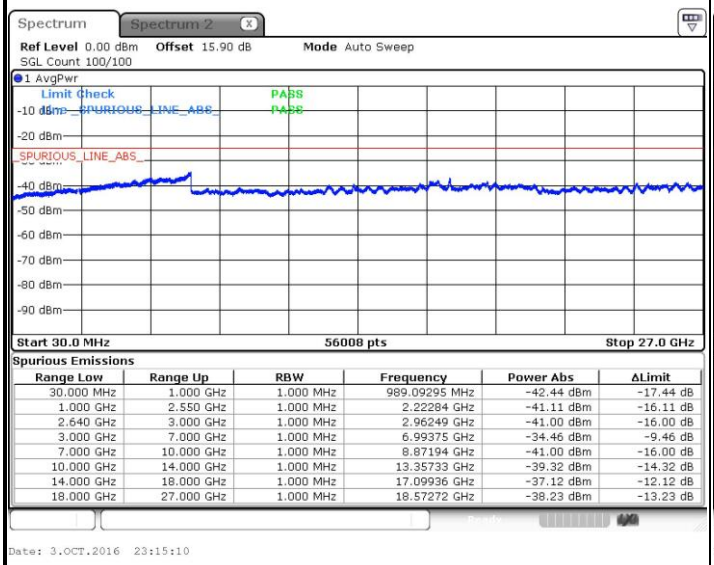


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-42.68 dBm	-17.68 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.30613 GHz	-41.09 dBm	-16.09 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98372 GHz	-41.09 dBm	-16.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-34.37 dBm	-9.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91543 GHz	-40.86 dBm	-15.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34783 GHz	-39.07 dBm	-14.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10386 GHz	-37.53 dBm	-12.53 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56422 GHz	-38.41 dBm	-13.41 dB

Date: 4.OCT.2016 09:50:24

Highest Channel / QPSK

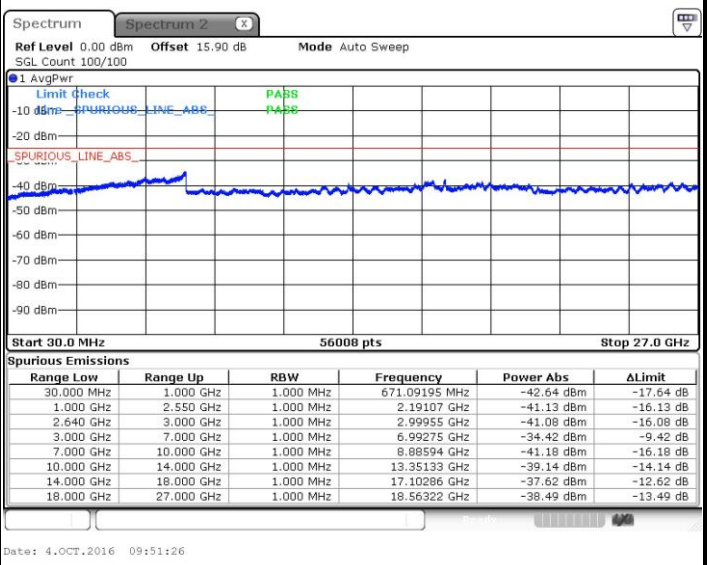


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-42.44 dBm	-17.44 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.22284 GHz	-41.11 dBm	-16.11 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96249 GHz	-41.00 dBm	-16.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-34.46 dBm	-9.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.87194 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35733 GHz	-39.32 dBm	-14.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09936 GHz	-37.12 dBm	-12.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57272 GHz	-38.23 dBm	-13.23 dB

Date: 3.OCT.2016 23:15:10

Highest Channel / 16QAM



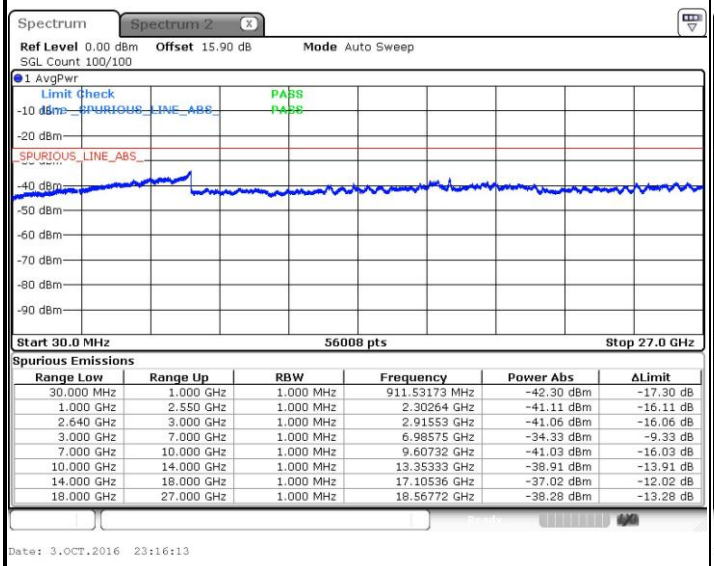
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	671.09195 MHz	-42.64 dBm	-17.64 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.19107 GHz	-41.13 dBm	-16.13 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99955 GHz	-41.08 dBm	-16.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-34.42 dBm	-9.42 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88594 GHz	-41.18 dBm	-16.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35133 GHz	-39.14 dBm	-14.14 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10286 GHz	-37.62 dBm	-12.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56322 GHz	-38.49 dBm	-13.49 dB

Date: 4.OCT.2016 09:51:26

LTE Band 38 / 15MHz

Lowest Channel / QPSK

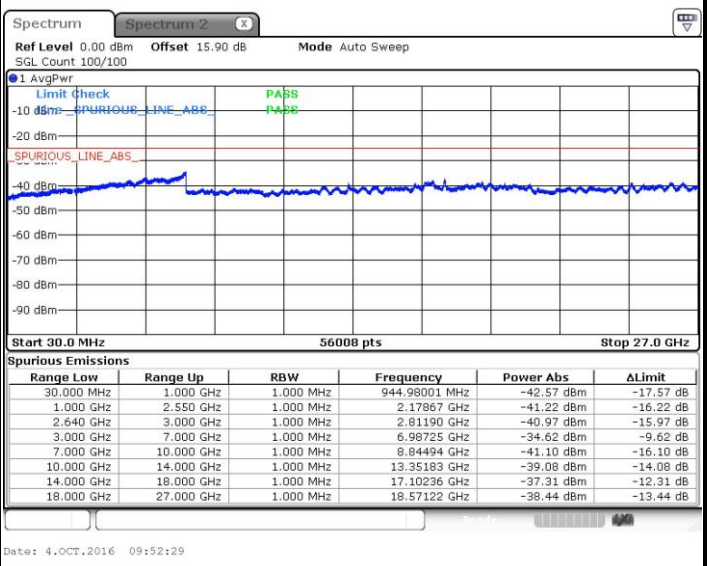


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.53173 MHz	-42.30 dBm	-17.30 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.30264 GHz	-41.11 dBm	-16.11 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.91553 GHz	-41.06 dBm	-16.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-34.33 dBm	-9.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.60732 GHz	-41.03 dBm	-16.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-38.91 dBm	-13.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10536 GHz	-37.02 dBm	-12.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56772 GHz	-38.28 dBm	-13.28 dB

Date: 3.OCT.2016 23:16:13

Lowest Channel / 16QAM

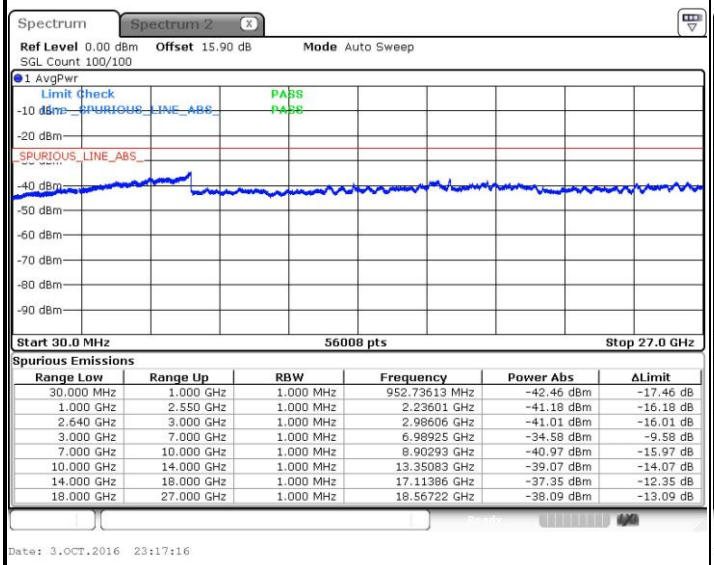


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-42.57 dBm	-17.57 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.17867 GHz	-41.22 dBm	-16.22 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.81190 GHz	-40.97 dBm	-15.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-34.62 dBm	-9.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.84494 GHz	-41.10 dBm	-16.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35183 GHz	-39.08 dBm	-14.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10236 GHz	-37.31 dBm	-12.31 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57122 GHz	-38.44 dBm	-13.44 dB

Date: 4.OCT.2016 09:52:29

Middle Channel / QPSK

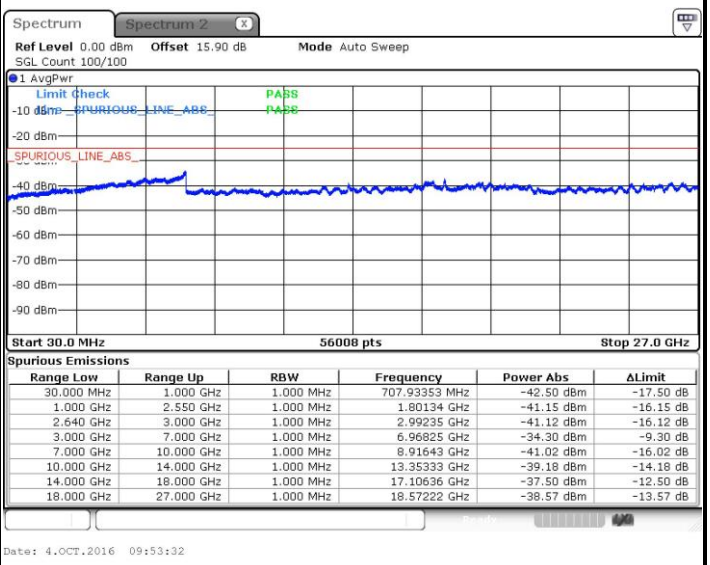


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-42.46 dBm	-17.46 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.23601 GHz	-41.18 dBm	-16.18 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98606 GHz	-41.01 dBm	-16.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-34.58 dBm	-9.58 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90293 GHz	-40.97 dBm	-15.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35083 GHz	-39.07 dBm	-14.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11386 GHz	-37.35 dBm	-12.35 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56722 GHz	-38.09 dBm	-13.09 dB

Date: 3.OCT.2016 23:17:16

Middle Channel / 16QAM



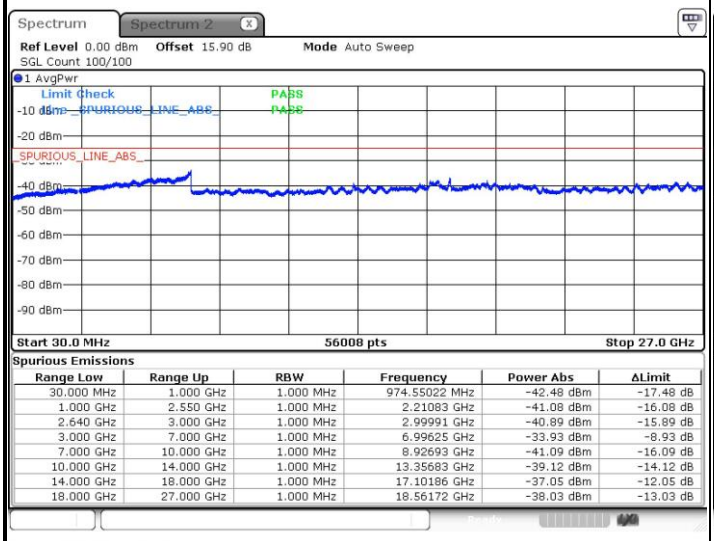
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	707.93353 MHz	-42.50 dBm	-17.50 dB
1.000 GHz	2.550 GHz	1.000 MHz	1.80134 GHz	-41.15 dBm	-16.15 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99235 GHz	-41.12 dBm	-16.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-34.30 dBm	-9.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91643 GHz	-41.02 dBm	-16.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-39.18 dBm	-14.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10636 GHz	-37.50 dBm	-12.50 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57222 GHz	-38.57 dBm	-13.57 dB

Date: 4.OCT.2016 09:53:32

LTE Band 38 / 15MHz

Highest Channel / QPSK

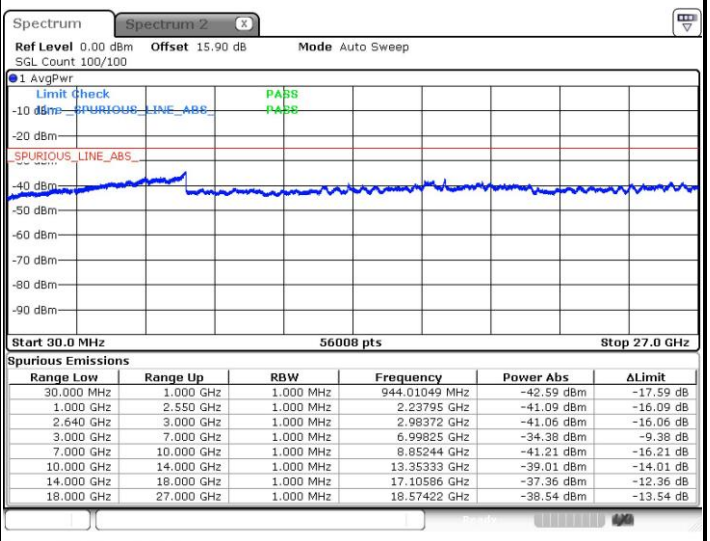


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-42.48 dBm	-17.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.21083 GHz	-41.08 dBm	-16.08 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99991 GHz	-40.89 dBm	-15.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-33.93 dBm	-8.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92693 GHz	-41.09 dBm	-16.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35683 GHz	-39.12 dBm	-14.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10186 GHz	-37.05 dBm	-12.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56172 GHz	-38.03 dBm	-13.03 dB

Date: 3.OCT.2016 23:18:18

Highest Channel / 16QAM



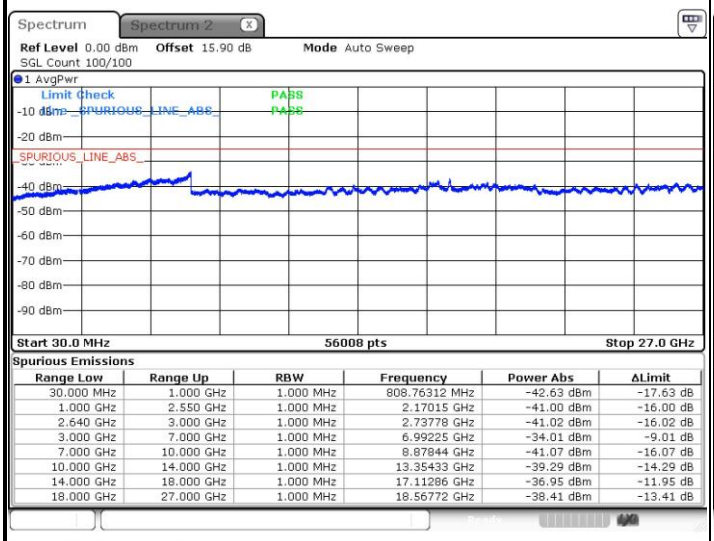
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-42.59 dBm	-17.59 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.23795 GHz	-41.09 dBm	-16.09 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98372 GHz	-41.06 dBm	-16.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-34.38 dBm	-9.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.85244 GHz	-41.21 dBm	-16.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35333 GHz	-39.01 dBm	-14.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10586 GHz	-37.36 dBm	-12.36 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57422 GHz	-38.54 dBm	-13.54 dB

Date: 4.OCT.2016 09:54:35

LTE Band 38 / 20MHz

Lowest Channel / QPSK

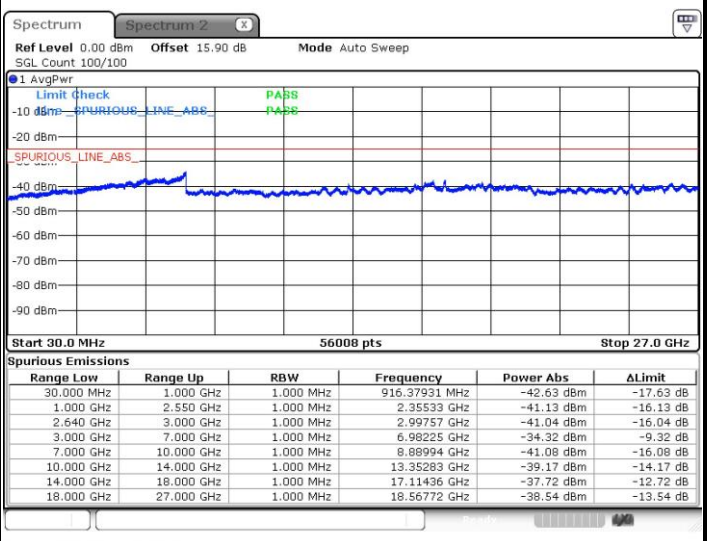


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	808.76312 MHz	-42.63 dBm	-17.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.17015 GHz	-41.00 dBm	-16.00 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.73778 GHz	-41.02 dBm	-16.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-34.01 dBm	-9.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.87844 GHz	-41.07 dBm	-16.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35433 GHz	-39.29 dBm	-14.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11286 GHz	-36.95 dBm	-11.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56772 GHz	-38.41 dBm	-13.41 dB

Date: 3.OCT.2016 23:19:21

Lowest Channel / 16QAM



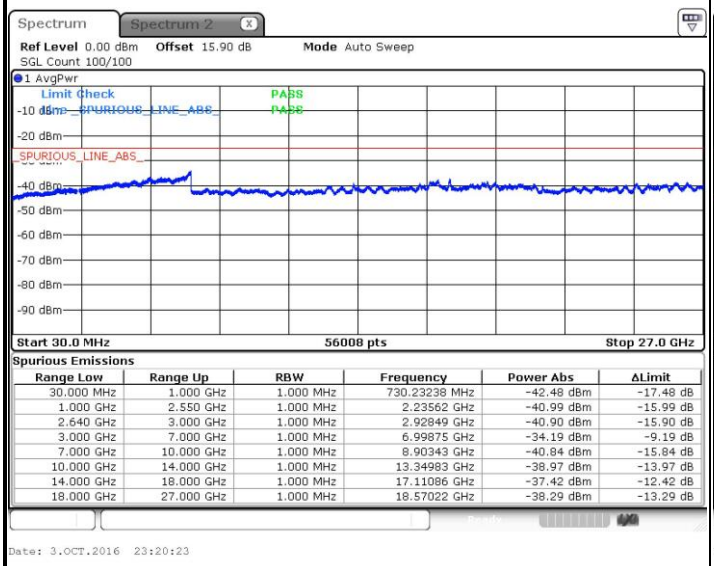
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-42.63 dBm	-17.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.35533 GHz	-41.13 dBm	-16.13 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99757 GHz	-41.04 dBm	-16.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98225 GHz	-34.32 dBm	-9.32 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88994 GHz	-41.08 dBm	-16.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35283 GHz	-39.17 dBm	-14.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11436 GHz	-37.72 dBm	-12.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56772 GHz	-38.54 dBm	-13.54 dB

Date: 4.OCT.2016 09:55:38

LTE Band 38 / 20MHz

Middle Channel / QPSK

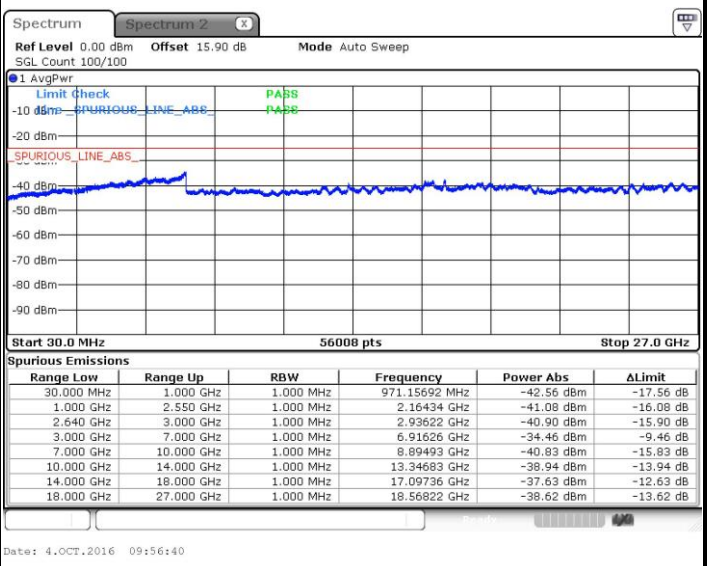


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	730.23238 MHz	-42.48 dBm	-17.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.23562 GHz	-40.99 dBm	-15.99 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.92849 GHz	-40.90 dBm	-15.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-34.19 dBm	-9.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90343 GHz	-40.84 dBm	-15.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34983 GHz	-38.97 dBm	-13.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11086 GHz	-37.42 dBm	-12.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57022 GHz	-38.29 dBm	-13.29 dB

Date: 3.OCT.2016 23:20:23

Middle Channel / 16QAM

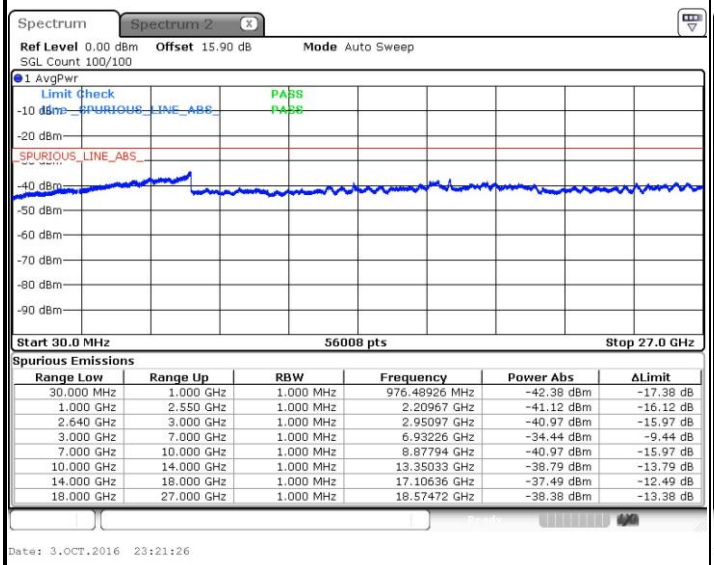


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-42.56 dBm	-17.56 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.16434 GHz	-41.08 dBm	-16.08 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.93622 GHz	-40.90 dBm	-15.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91626 GHz	-34.46 dBm	-9.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89493 GHz	-40.83 dBm	-15.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34683 GHz	-38.94 dBm	-13.94 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.09736 GHz	-37.63 dBm	-12.63 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.56822 GHz	-38.62 dBm	-13.62 dB

Date: 4.OCT.2016 09:56:40

Highest Channel / QPSK

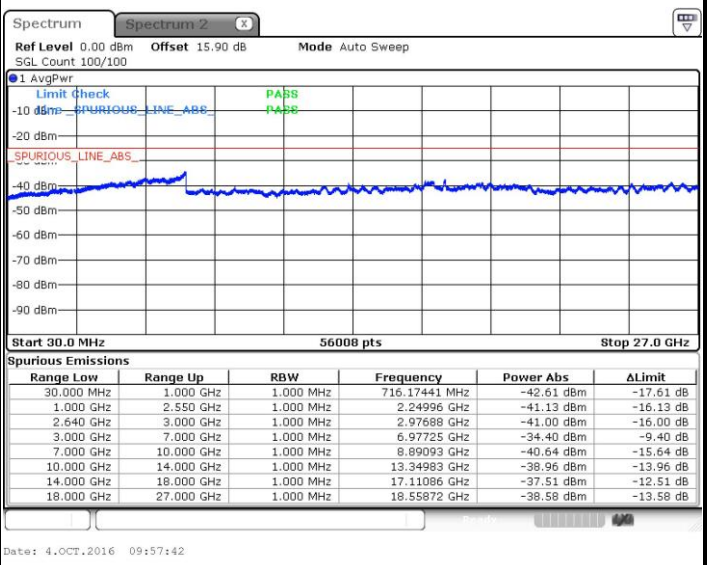


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-42.38 dBm	-17.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.20967 GHz	-41.12 dBm	-16.12 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95097 GHz	-40.97 dBm	-15.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93226 GHz	-34.44 dBm	-9.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.87794 GHz	-40.97 dBm	-15.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.35033 GHz	-38.79 dBm	-13.79 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.10636 GHz	-37.49 dBm	-12.49 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.57472 GHz	-38.38 dBm	-13.38 dB

Date: 3.OCT.2016 23:21:26

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	716.17441 MHz	-42.61 dBm	-17.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.24996 GHz	-41.13 dBm	-16.13 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97688 GHz	-41.00 dBm	-16.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-34.40 dBm	-9.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.89093 GHz	-40.64 dBm	-15.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.34983 GHz	-38.96 dBm	-13.96 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.11086 GHz	-37.51 dBm	-12.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.55872 GHz	-38.58 dBm	-13.58 dB

Date: 4.OCT.2016 09:57:42

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

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.