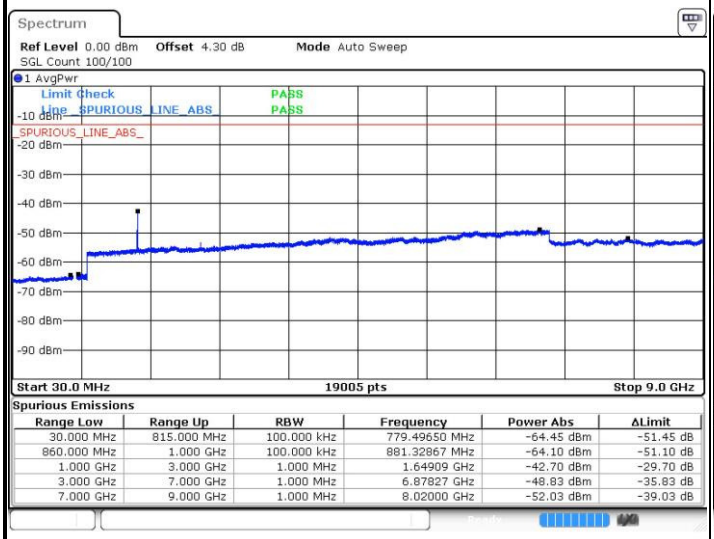
LTE Band 5 / 5MHz

Lowest Channel / QPSK

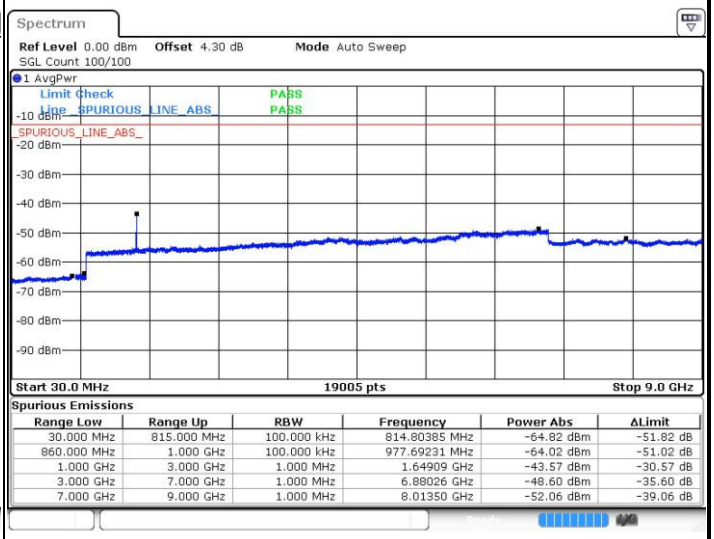


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	779.49650 MHz	-64.45 dBm	-51.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.32867 MHz	-64.10 dBm	-51.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-42.70 dBm	-29.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87827 GHz	-48.83 dBm	-35.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02000 GHz	-52.03 dBm	-39.03 dB

Date: 2.MAR.2016 01:34:54

Lowest Channel / 16QAM

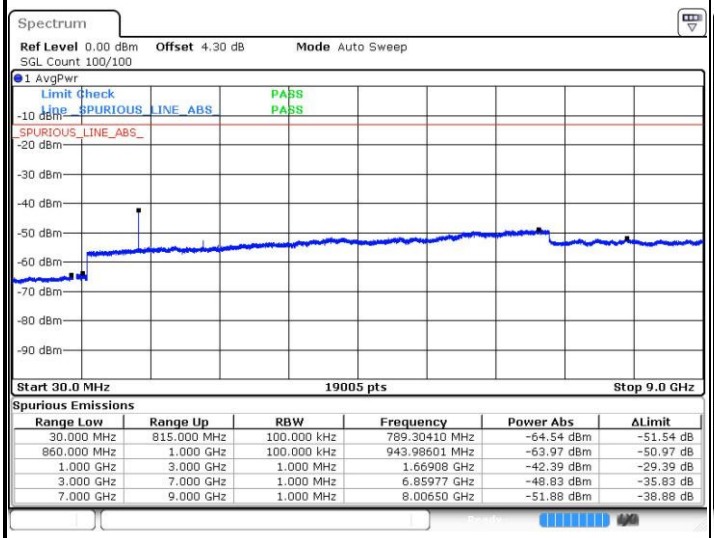


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-64.82 dBm	-51.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.69231 MHz	-64.02 dBm	-51.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-43.57 dBm	-30.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88026 GHz	-48.60 dBm	-35.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01350 GHz	-52.06 dBm	-39.06 dB

Date: 2.MAR.2016 01:35:49

Middle Channel / QPSK

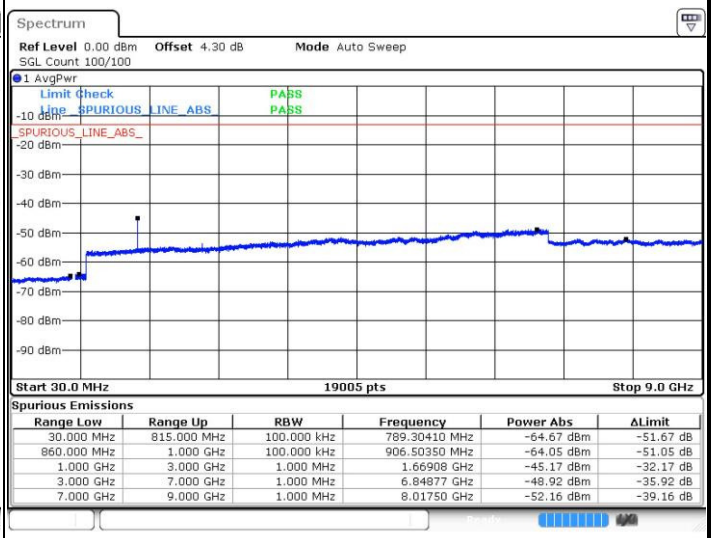


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	789.30410 MHz	-64.54 dBm	-51.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.98601 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-42.39 dBm	-29.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85977 GHz	-48.83 dBm	-35.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00650 GHz	-51.88 dBm	-38.88 dB

Date: 2.MAR.2016 01:37:25

Middle Channel / 16QAM



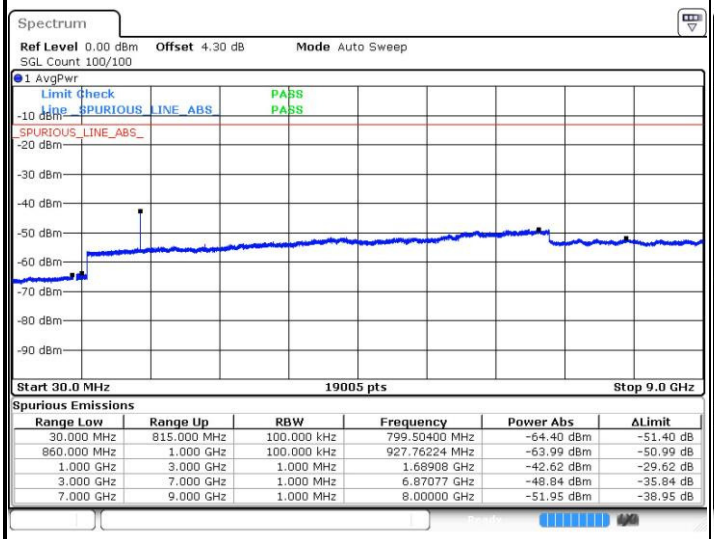
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	789.30410 MHz	-64.67 dBm	-51.67 dB
860.000 MHz	1.000 GHz	100.000 kHz	906.50350 MHz	-64.05 dBm	-51.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.17 dBm	-32.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-48.92 dBm	-35.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01750 GHz	-52.16 dBm	-39.16 dB

Date: 2.MAR.2016 01:38:20

LTE Band 5 / 5MHz

Highest Channel / QPSK

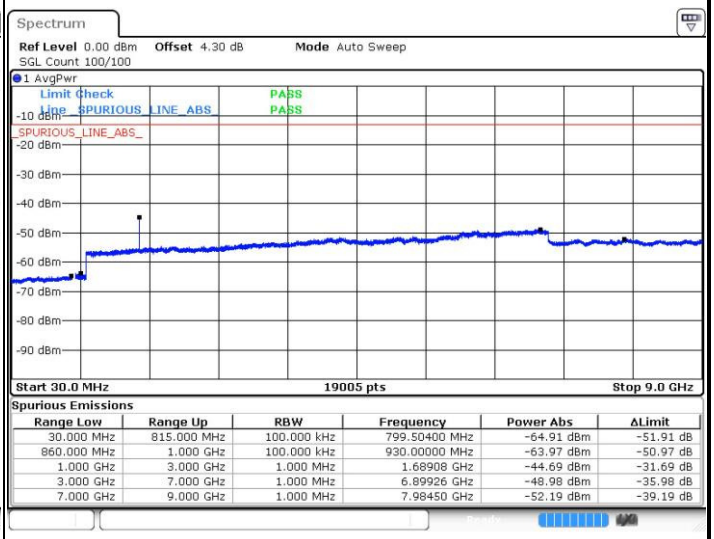


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-64.40 dBm	-51.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	927.76224 MHz	-63.99 dBm	-50.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.62 dBm	-29.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87077 GHz	-48.84 dBm	-35.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00000 GHz	-51.95 dBm	-38.95 dB

Date: 2.MAR.2016 01:48:01

Highest Channel / 16QAM



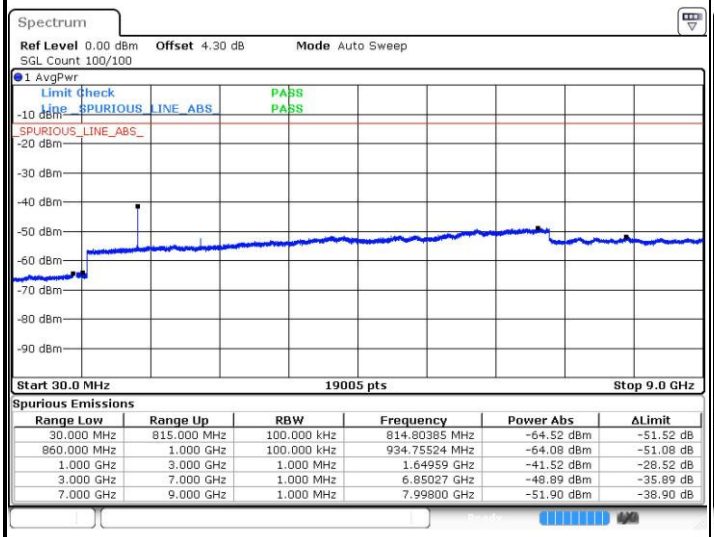
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-64.91 dBm	-51.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.00000 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.69 dBm	-31.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-48.98 dBm	-35.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.98450 GHz	-52.19 dBm	-39.19 dB

Date: 2.MAR.2016 01:48:56

LTE Band 5 / 10MHz

Lowest Channel / QPSK

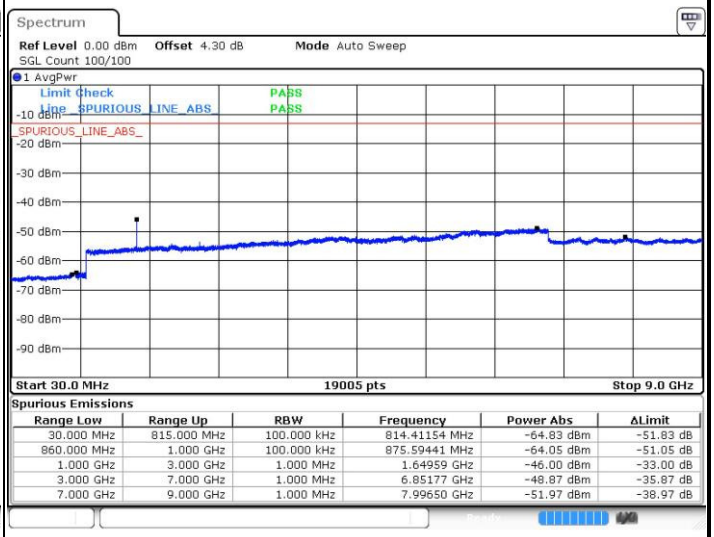


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-64.52 dBm	-51.52 dB
860.000 MHz	1.000 GHz	100.000 kHz	934.75524 MHz	-64.08 dBm	-51.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-41.52 dBm	-28.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-48.89 dBm	-35.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99800 GHz	-51.90 dBm	-38.90 dB

Date: 2.MAR.2016 01:58:37

Lowest Channel / 16QAM



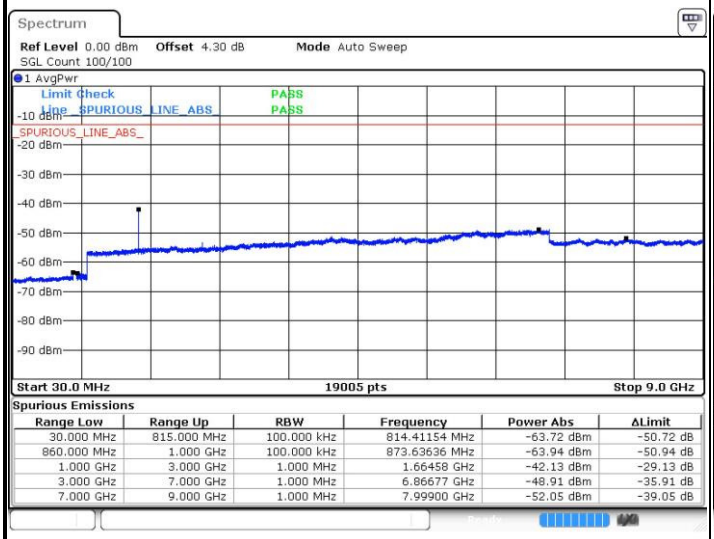
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-64.83 dBm	-51.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.59441 MHz	-64.05 dBm	-51.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.00 dBm	-33.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85177 GHz	-48.87 dBm	-35.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99650 GHz	-51.97 dBm	-38.97 dB

Date: 2.MAR.2016 01:59:32

LTE Band 5 / 10MHz

Middle Channel / QPSK

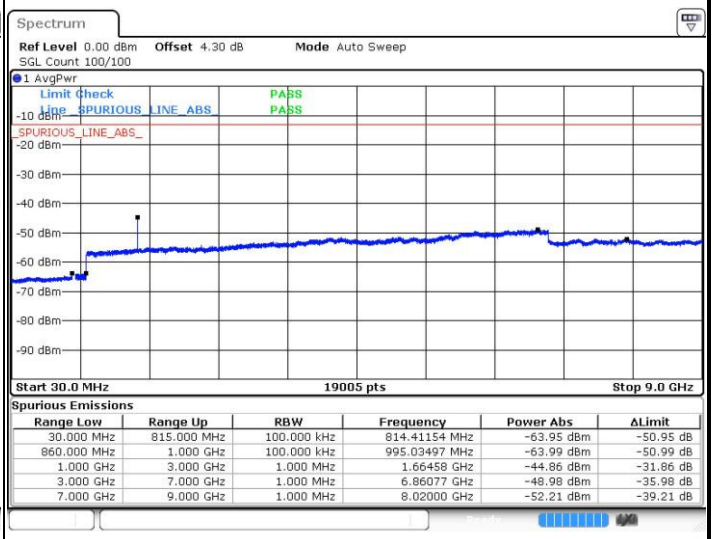


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.72 dBm	-50.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.63636 MHz	-63.94 dBm	-50.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-42.13 dBm	-29.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86677 GHz	-48.91 dBm	-35.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99900 GHz	-52.05 dBm	-39.05 dB

Date: 2.MAR.2016 02:01:08

Middle Channel / 16QAM

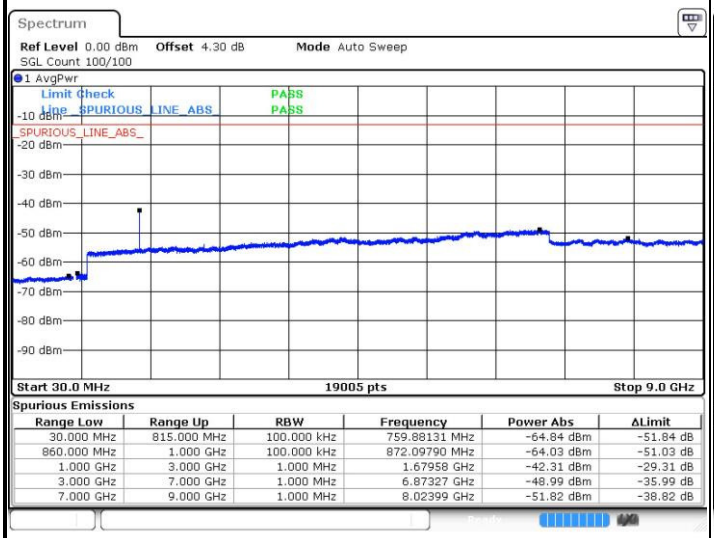


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.95 dBm	-50.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.03497 MHz	-63.99 dBm	-50.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.86 dBm	-31.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86077 GHz	-48.98 dBm	-35.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02000 GHz	-52.21 dBm	-39.21 dB

Date: 2.MAR.2016 02:02:03

Highest Channel / QPSK

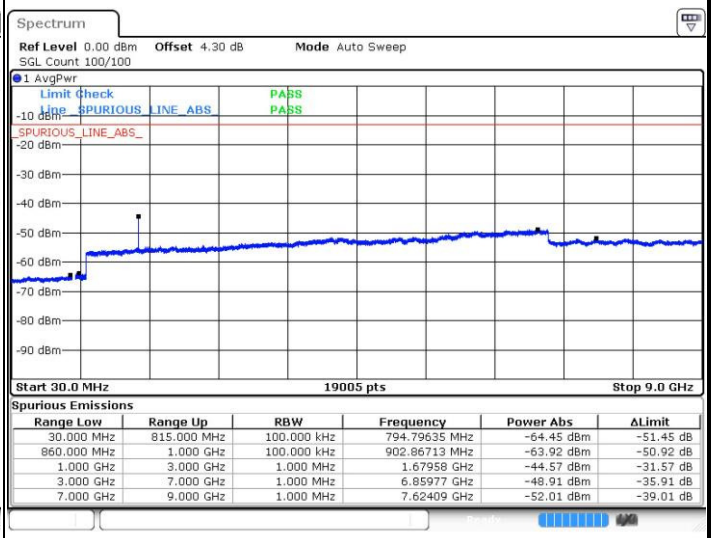


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	759.88131 MHz	-64.84 dBm	-51.84 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.09790 MHz	-64.03 dBm	-51.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-42.31 dBm	-29.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87327 GHz	-48.99 dBm	-35.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02399 GHz	-51.82 dBm	-38.82 dB

Date: 2.MAR.2016 02:11:44

Highest Channel / 16QAM



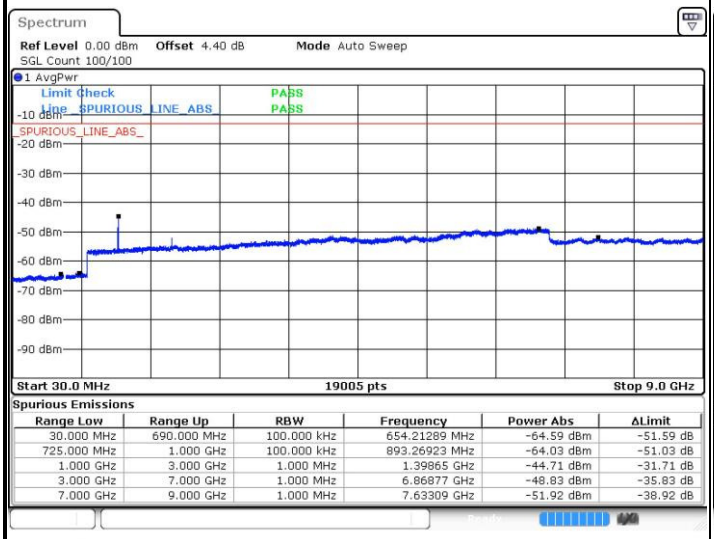
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-64.45 dBm	-51.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	902.86713 MHz	-63.92 dBm	-50.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-44.57 dBm	-31.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85977 GHz	-48.91 dBm	-35.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62409 GHz	-52.01 dBm	-39.01 dB

Date: 2.MAR.2016 02:12:38

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

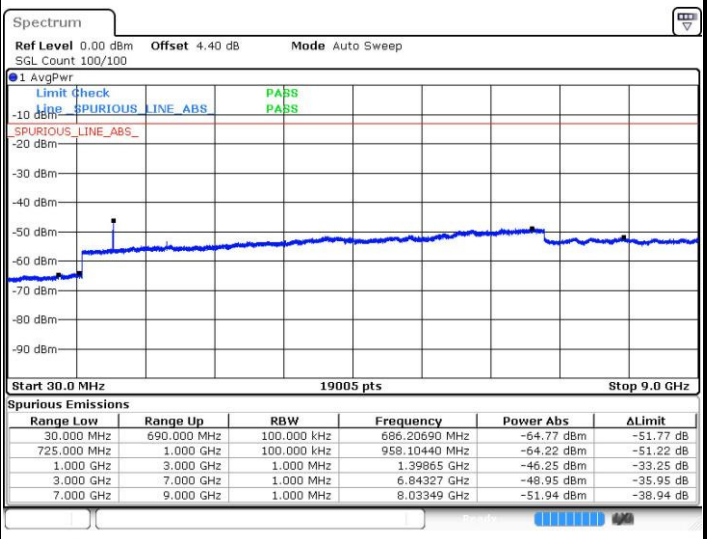


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-64.59 dBm	-51.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	893.26923 MHz	-64.03 dBm	-51.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.71 dBm	-31.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86877 GHz	-48.83 dBm	-35.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63309 GHz	-51.92 dBm	-38.92 dB

Date: 2.MAR.2016 09:20:28

Lowest Channel / 16QAM

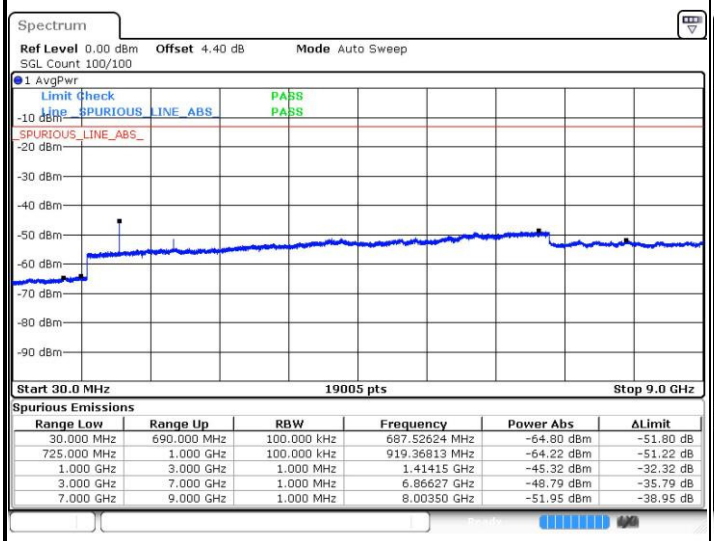


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-64.77 dBm	-51.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	958.10440 MHz	-64.22 dBm	-51.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84327 GHz	-48.95 dBm	-35.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03349 GHz	-51.94 dBm	-38.94 dB

Date: 2.MAR.2016 09:19:36

Middle Channel / QPSK

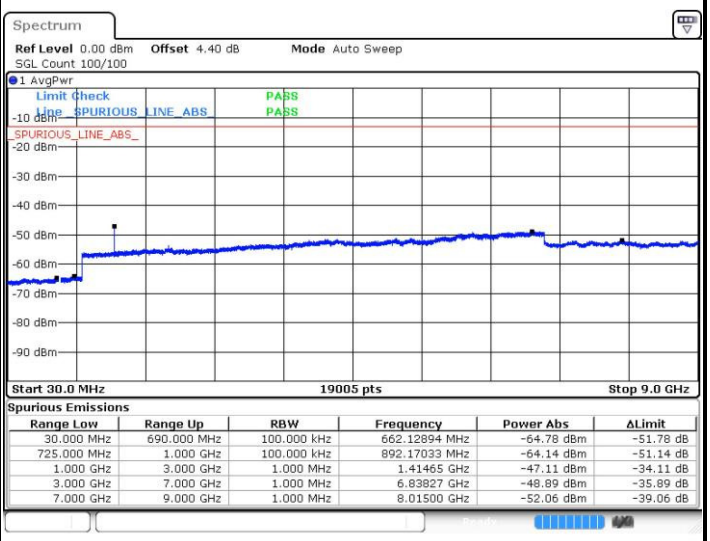


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.52624 MHz	-64.80 dBm	-51.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	919.36813 MHz	-64.22 dBm	-51.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41415 GHz	-45.32 dBm	-32.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86627 GHz	-48.79 dBm	-35.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00350 GHz	-51.95 dBm	-38.95 dB

Date: 2.MAR.2016 09:21:18

Middle Channel / 16QAM



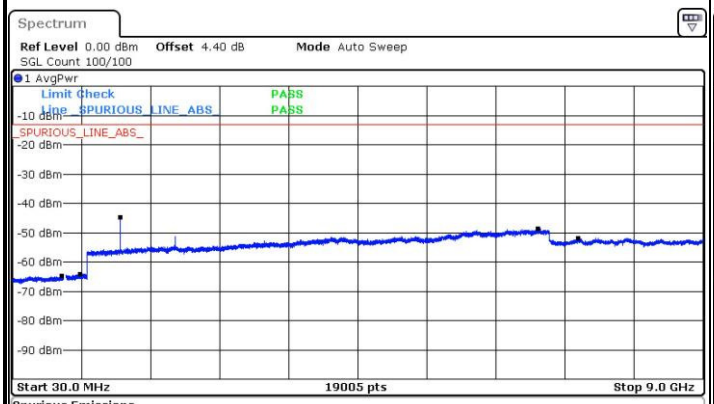
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-64.78 dBm	-51.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	892.17033 MHz	-64.14 dBm	-51.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83827 GHz	-48.89 dBm	-35.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01500 GHz	-52.06 dBm	-39.06 dB

Date: 2.MAR.2016 09:21:55

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

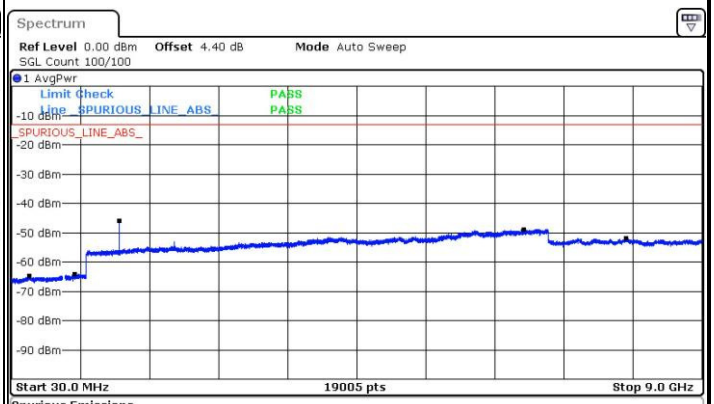


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.04498 MHz	-64.80 dBm	-51.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	906.45604 MHz	-64.14 dBm	-51.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-44.80 dBm	-31.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85177 GHz	-48.63 dBm	-35.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38015 GHz	-51.95 dBm	-38.95 dB

Date: 2.MAR.2016 09:23:12

Highest Channel / 16QAM



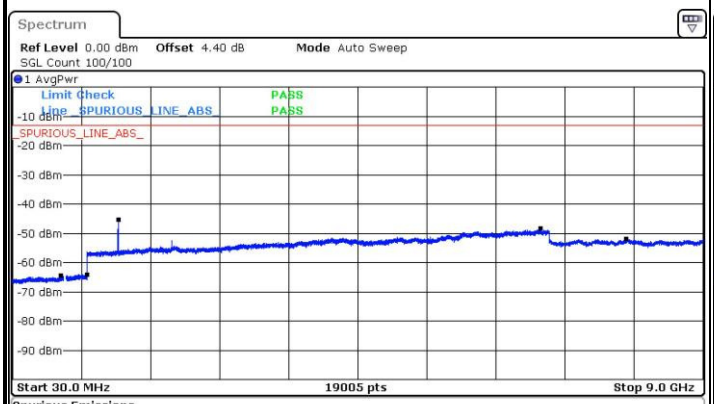
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	256.10195 MHz	-64.66 dBm	-51.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	850.96154 MHz	-64.19 dBm	-51.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-45.95 dBm	-32.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.68829 GHz	-48.81 dBm	-35.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00950 GHz	-51.97 dBm	-38.97 dB

Date: 2.MAR.2016 09:22:36

LTE Band 12 / 3MHz

Lowest Channel / QPSK

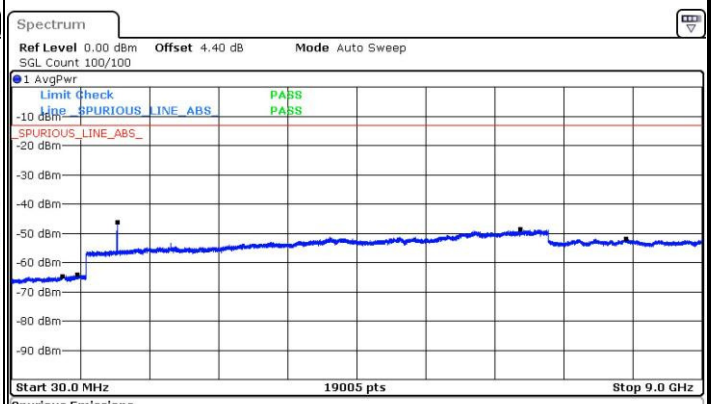


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-64.44 dBm	-51.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.29121 MHz	-64.15 dBm	-51.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.25 dBm	-32.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88426 GHz	-48.50 dBm	-35.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00350 GHz	-52.00 dBm	-39.00 dB

Date: 2.MAR.2016 09:36:01

Lowest Channel / 16QAM



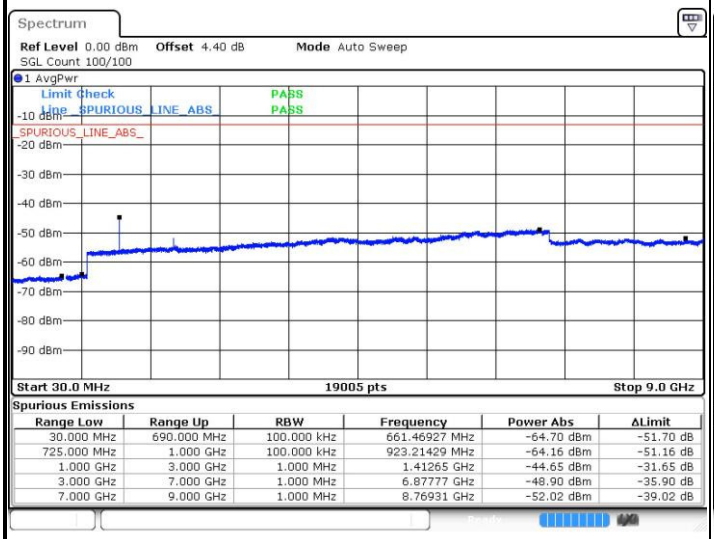
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-64.68 dBm	-51.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	880.35714 MHz	-64.23 dBm	-51.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.18 dBm	-33.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.63580 GHz	-48.69 dBm	-35.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01100 GHz	-52.03 dBm	-39.03 dB

Date: 2.MAR.2016 09:36:36

LTE Band 12 / 3MHz

Middle Channel / QPSK

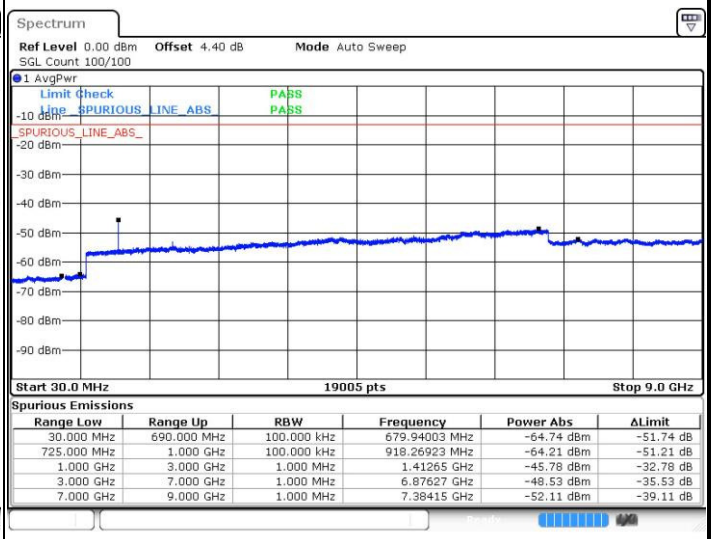


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.46927 MHz	-64.70 dBm	-51.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	923.21429 MHz	-64.16 dBm	-51.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-44.65 dBm	-31.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-48.90 dBm	-35.90 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.76931 GHz	-52.02 dBm	-39.02 dB

Date: 2.MAR.2016 09:37:49

Middle Channel / 16QAM

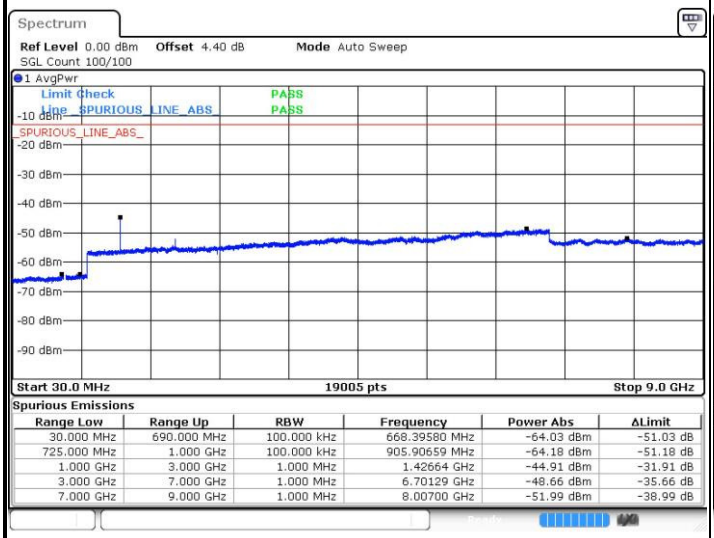


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.94003 MHz	-64.74 dBm	-51.74 dB
725.000 MHz	1.000 GHz	100.000 kHz	918.26923 MHz	-64.21 dBm	-51.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-45.78 dBm	-32.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87627 GHz	-48.53 dBm	-35.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38415 GHz	-52.11 dBm	-39.11 dB

Date: 2.MAR.2016 09:37:13

Highest Channel / QPSK

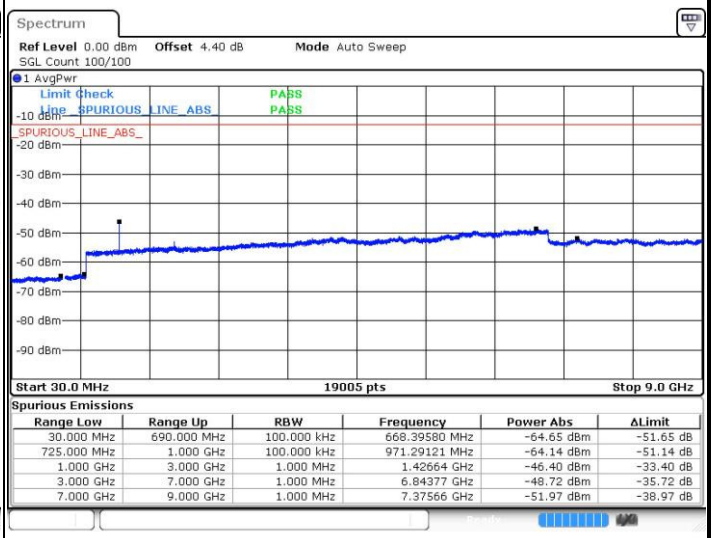


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-64.03 dBm	-51.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	905.90659 MHz	-64.18 dBm	-51.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-44.91 dBm	-31.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.70129 GHz	-48.66 dBm	-35.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00700 GHz	-51.99 dBm	-38.99 dB

Date: 2.MAR.2016 09:38:40

Highest Channel / 16QAM



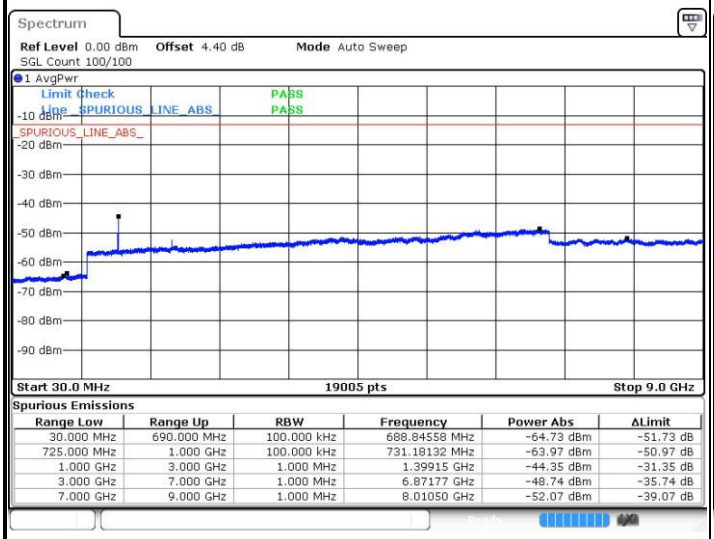
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-64.65 dBm	-51.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	971.29121 MHz	-64.14 dBm	-51.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-46.40 dBm	-33.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84377 GHz	-48.72 dBm	-35.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37566 GHz	-51.97 dBm	-38.97 dB

Date: 2.MAR.2016 09:39:13

LTE Band 12 / 5MHz

Lowest Channel / QPSK

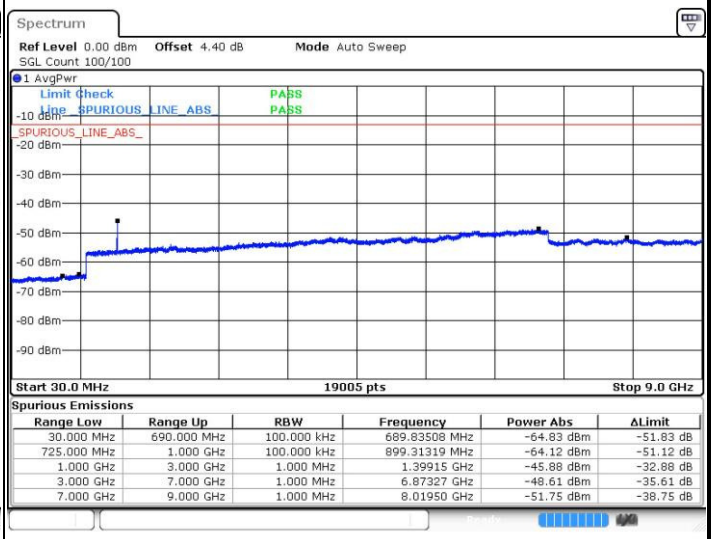


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.84558 MHz	-64.73 dBm	-51.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	731.18132 MHz	-63.97 dBm	-50.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-44.35 dBm	-31.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87177 GHz	-48.74 dBm	-35.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01050 GHz	-52.07 dBm	-39.07 dB

Date: 2.MAR.2016 09:54:04

Lowest Channel / 16QAM

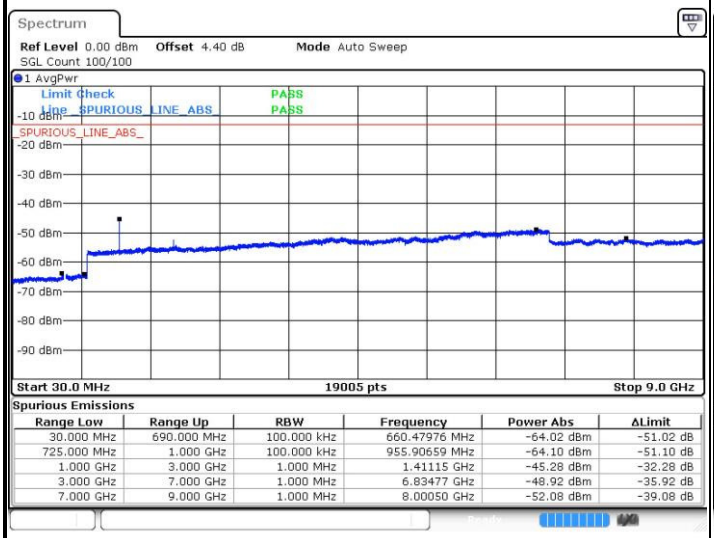


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-64.83 dBm	-51.83 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.31319 MHz	-64.12 dBm	-51.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.88 dBm	-32.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87327 GHz	-48.61 dBm	-35.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01950 GHz	-51.75 dBm	-38.75 dB

Date: 2.MAR.2016 09:53:34

Middle Channel / QPSK

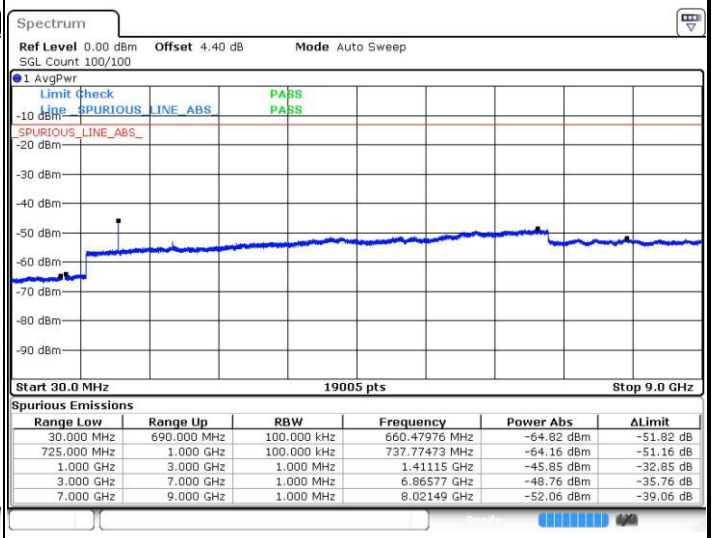


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-64.02 dBm	-51.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	955.90659 MHz	-64.10 dBm	-51.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-45.28 dBm	-32.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83477 GHz	-48.92 dBm	-35.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00050 GHz	-52.08 dBm	-39.08 dB

Date: 2.MAR.2016 09:54:44

Middle Channel / 16QAM



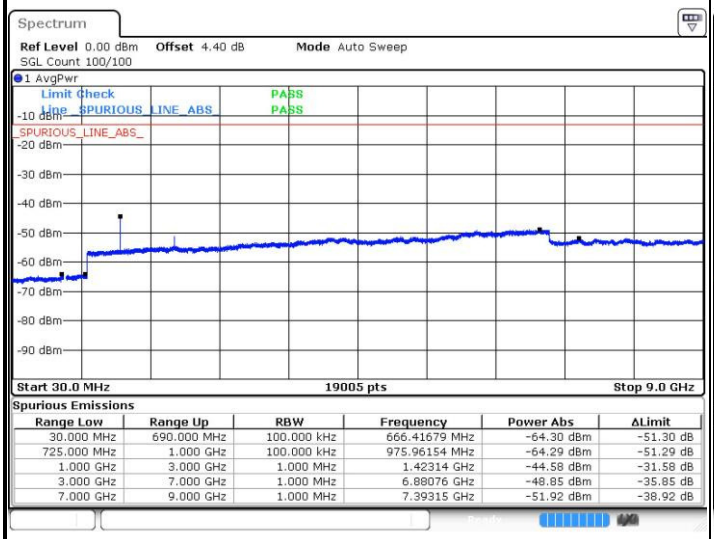
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-64.82 dBm	-51.82 dB
725.000 MHz	1.000 GHz	100.000 kHz	737.77473 MHz	-64.16 dBm	-51.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-45.85 dBm	-32.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86577 GHz	-48.76 dBm	-35.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02149 GHz	-52.06 dBm	-39.06 dB

Date: 2.MAR.2016 10:42:15

LTE Band 12 / 5MHz

Highest Channel / QPSK

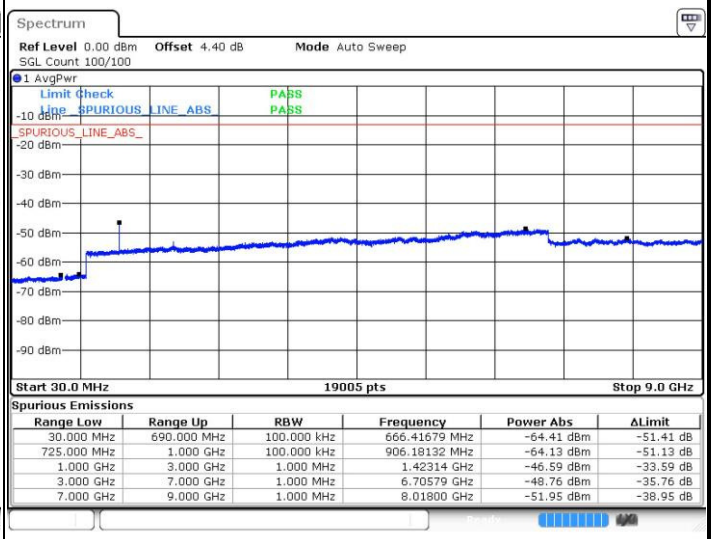


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.41679 MHz	-64.30 dBm	-51.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.96154 MHz	-64.29 dBm	-51.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.58 dBm	-31.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88076 GHz	-48.85 dBm	-35.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39315 GHz	-51.92 dBm	-38.92 dB

Date: 2.MAR.2016 10:44:50

Highest Channel / 16QAM



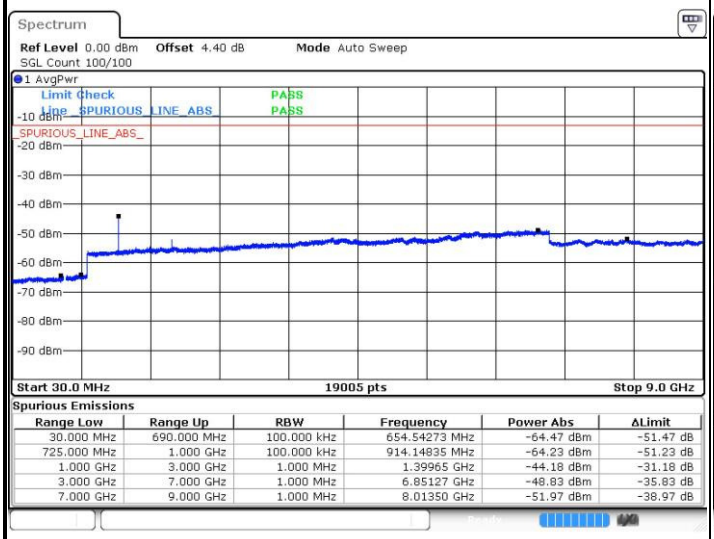
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.41679 MHz	-64.41 dBm	-51.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	906.18132 MHz	-64.13 dBm	-51.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-46.59 dBm	-33.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.70579 GHz	-48.76 dBm	-35.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01800 GHz	-51.95 dBm	-38.95 dB

Date: 2.MAR.2016 10:43:12

LTE Band 12 / 10MHz

Lowest Channel / QPSK

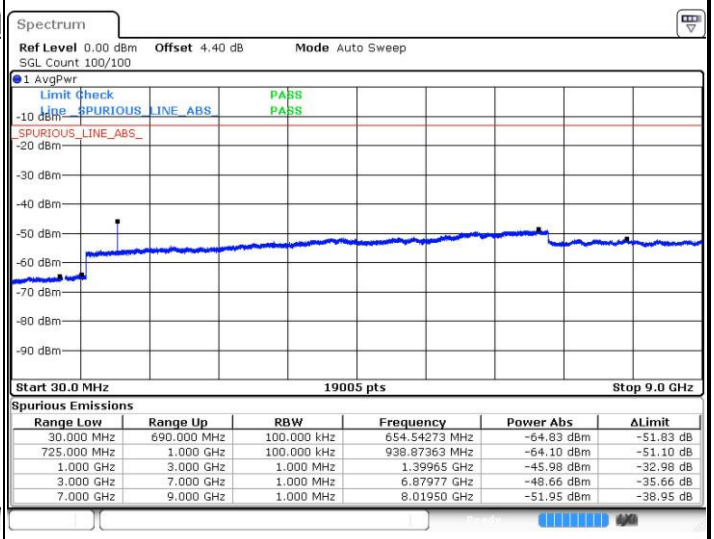


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.54273 MHz	-64.47 dBm	-51.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.14835 MHz	-64.23 dBm	-51.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-44.18 dBm	-31.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85127 GHz	-48.83 dBm	-35.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01350 GHz	-51.97 dBm	-38.97 dB

Date: 2.MAR.2016 10:29:07

Lowest Channel / 16QAM



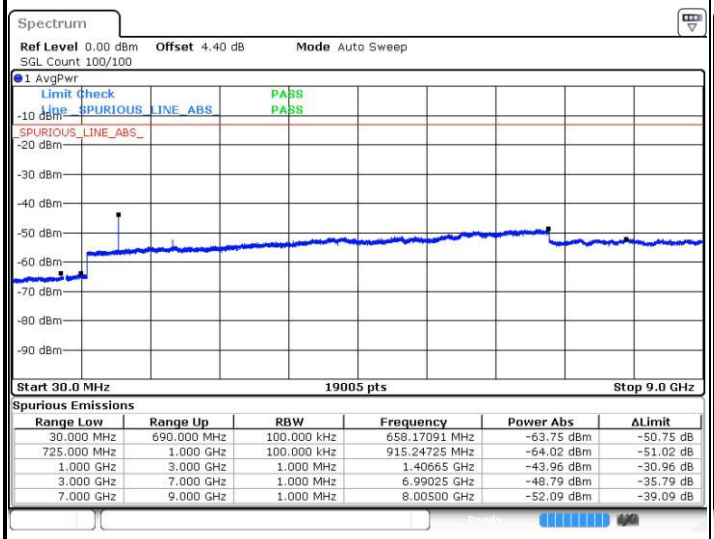
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.54273 MHz	-64.83 dBm	-51.83 dB
725.000 MHz	1.000 GHz	100.000 kHz	938.87363 MHz	-64.10 dBm	-51.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-45.98 dBm	-32.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87977 GHz	-48.66 dBm	-35.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01950 GHz	-51.95 dBm	-38.95 dB

Date: 2.MAR.2016 10:29:33

LTE Band 12 / 10MHz

Middle Channel / QPSK

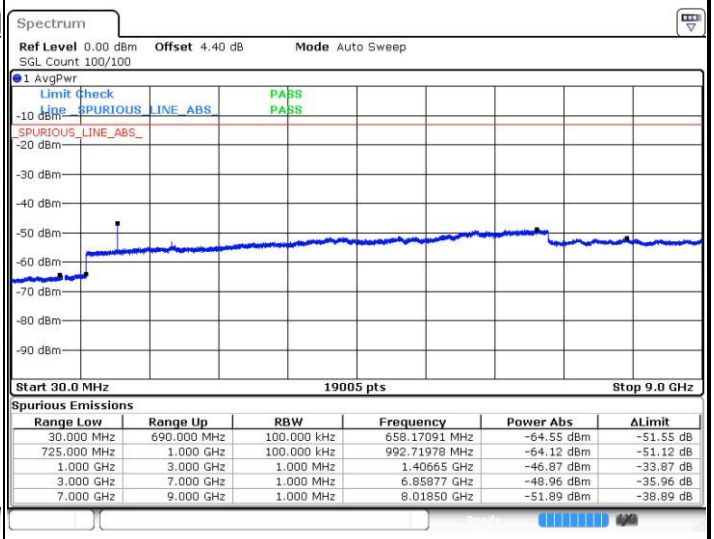


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	658.17091 MHz	-63.75 dBm	-50.75 dB
725.000 MHz	1.000 GHz	100.000 kHz	915.24725 MHz	-64.02 dBm	-51.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-43.96 dBm	-30.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-48.79 dBm	-35.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00500 GHz	-52.09 dBm	-39.09 dB

Date: 2.MAR.2016 10:30:32

Middle Channel / 16QAM

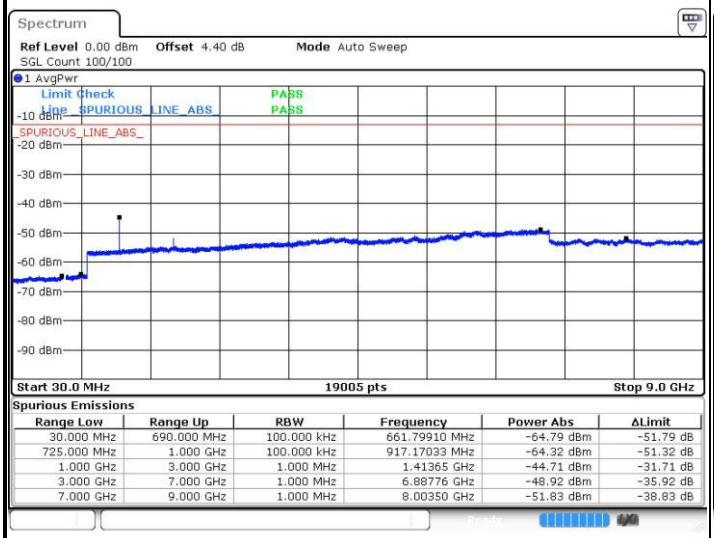


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	658.17091 MHz	-64.55 dBm	-51.55 dB
725.000 MHz	1.000 GHz	100.000 kHz	992.71978 MHz	-64.12 dBm	-51.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85877 GHz	-48.96 dBm	-35.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01850 GHz	-51.89 dBm	-38.89 dB

Date: 2.MAR.2016 10:30:03

Highest Channel / QPSK

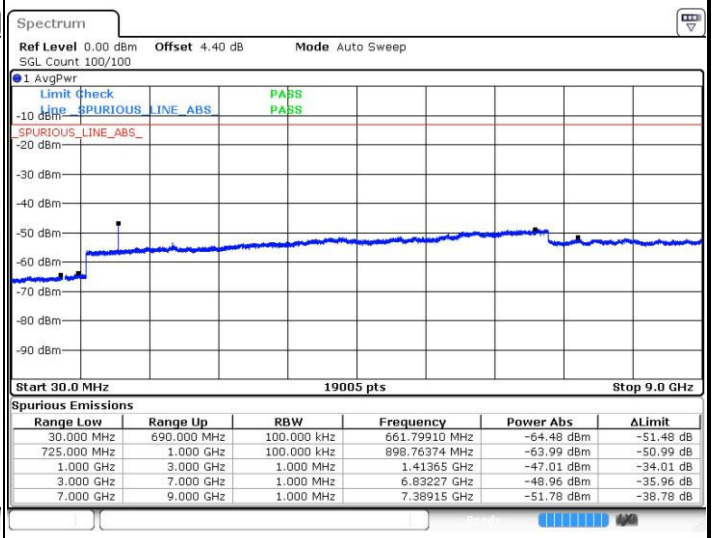


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.79910 MHz	-64.79 dBm	-51.79 dB
725.000 MHz	1.000 GHz	100.000 kHz	917.17033 MHz	-64.32 dBm	-51.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-44.71 dBm	-31.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88776 GHz	-48.92 dBm	-35.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00350 GHz	-51.83 dBm	-38.83 dB

Date: 2.MAR.2016 10:31:03

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.79910 MHz	-64.48 dBm	-51.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	898.76374 MHz	-63.99 dBm	-50.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83227 GHz	-48.96 dBm	-35.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38915 GHz	-51.78 dBm	-38.78 dB

Date: 2.MAR.2016 10:31:47

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0130	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0098	
20	Normal Voltage	0.0062	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0058	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0040	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0035	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0059	PASS
40	Normal Voltage	0.0073	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0233	
-20	Normal Voltage	0.0184	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0159	
20	Normal Voltage	0.0042	
20	Battery End Point	0.0126	

Note: Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5V.；Maximum Voltage =4.2 V

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0064	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0137	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0062	
-10	Normal Voltage	0.0291	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0175	
20	Normal Voltage	0.0051	
20	Battery End Point	0.0136	

Note:

1. Normal Voltage = 3.8V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	25.87	0.3864	26.37	0.4335
Middle		3	1	26.11	0.4083	26.70	0.4677
Highest		3	0	26.35	0.4315	26.66	0.4634
Lowest	16QAM	1	5	24.42	0.2767	25.25	0.3350
Middle		1	3	25.06	0.3206	25.48	0.3532
Highest		1	3	25.21	0.3319	25.29	0.3381
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.79	0.3793	26.56	0.4529
Middle		1	0	26.27	0.4236	26.76	0.4742
Highest		1	0	26.34	0.4305	26.48	0.4446
Lowest	16QAM	1	0	24.42	0.2767	25.20	0.3311
Middle		1	0	24.87	0.3069	25.49	0.3540
Highest		1	14	25.03	0.3184	25.18	0.3296
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	25.83	0.3828	26.61	0.4581
Middle		1	24	26.09	0.4064	26.73	0.4710
Highest		1	0	26.32	0.4285	26.57	0.4539
Lowest	16QAM	1	24	24.48	0.2805	25.24	0.3342
Middle		1	24	24.78	0.3006	25.51	0.3556
Highest		1	24	25.00	0.3162	25.16	0.3281
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	25.78	0.3784	26.71	0.4688
Middle		1	0	26.01	0.3990	26.60	0.4571
Highest		1	0	26.33	0.4295	26.64	0.4613
Lowest	16QAM	1	49	24.63	0.2904	25.42	0.3483
Middle		1	0	24.75	0.2985	25.29	0.3381
Highest		1	0	24.67	0.2931	25.15	0.3273
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	25.74	0.3750	26.63	0.4603
Middle		1	0	25.92	0.3908	26.65	0.4624
Highest		1	0	26.50	0.4467	26.83	0.4819
Lowest	16QAM	1	37	24.56	0.2858	25.27	0.3365
Middle		1	0	24.59	0.2877	25.27	0.3365
Highest		1	0	24.80	0.3020	25.32	0.3404
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	25.74	0.3750	26.70	0.4677
Middle		3	0	26.14	0.4111	26.83	0.4819
Highest		1	5	26.45	0.4416	27.00	0.5012
Lowest	16QAM	1	5	24.56	0.2858	25.38	0.3451
Middle		3	3	24.59	0.2877	25.34	0.3420
Highest		1	0	24.85	0.3055	25.48	0.3532
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	24.67	0.2931	24.84	0.3048
Middle		3	0	25.22	0.3327	25.46	0.3516
Highest		1	5	25.68	0.3698	25.84	0.3837
Lowest	16QAM	1	5	23.36	0.2168	23.63	0.2307
Middle		3	3	24.16	0.2606	24.41	0.2761
Highest		1	0	24.50	0.2818	24.79	0.3013
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.62	0.2897	24.61	0.2891
Middle		1	14	24.99	0.3155	25.91	0.3899
Highest		1	14	25.53	0.3573	25.70	0.3715
Lowest	16QAM	1	8	23.24	0.2109	23.39	0.2183
Middle		1	8	23.75	0.2371	24.05	0.2541
Highest		1	14	24.56	0.2858	24.75	0.2985
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.63	0.2904	24.65	0.2917
Middle		1	0	24.99	0.3155	25.13	0.3258
Highest		1	0	25.33	0.3412	25.58	0.3614
Lowest	16QAM	1	0	23.45	0.2213	23.71	0.2350
Middle		1	0	23.92	0.2466	24.21	0.2636
Highest		1	0	24.33	0.2710	24.66	0.2924
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.70	0.2951	24.67	0.2931
Middle		1	25	25.01	0.3170	25.19	0.3304
Highest		1	25	25.29	0.3381	25.59	0.3622
Lowest	16QAM	1	0	23.41	0.2193	23.70	0.2344
Middle		1	49	24.15	0.2600	24.48	0.2805
Highest		1	0	24.32	0.2704	24.60	0.2884
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.53	0.2838	24.54	0.2844
Middle		1	74	25.05	0.3199	25.41	0.3475
Highest		1	0	25.06	0.3206	25.31	0.3396
Lowest	16QAM	1	0	23.39	0.2183	23.67	0.2328
Middle		1	0	23.81	0.2404	24.03	0.2529
Highest		1	0	24.16	0.2606	24.47	0.2799
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	24.50	0.2818
Middle		1	0	24.70	0.2951	24.82	0.3034
Highest		1	0	25.00	0.3162	25.32	0.3404
Lowest	16QAM	1	0	23.42	0.2198	23.41	0.2193
Middle		1	0	23.77	0.2382	23.82	0.2410
Highest		1	0	23.99	0.2506	24.24	0.2655
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.66	0.1164	18.41	0.0693
Middle		3	0	20.71	0.1178	18.58	0.0721
Highest		1	5	20.67	0.1167	18.71	0.0743
Lowest	16QAM	3	3	19.90	0.0977	17.54	0.0568
Middle		1	0	19.52	0.0895	17.44	0.0555
Highest		1	0	19.46	0.0883	17.59	0.0574
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.72	0.1180	18.36	0.0685
Middle		1	0	20.64	0.1159	18.41	0.0693
Highest		1	14	20.58	0.1143	18.69	0.0740
Lowest	16QAM	1	0	19.50	0.0891	17.27	0.0533
Middle		1	0	19.53	0.0897	17.39	0.0548
Highest		1	14	19.47	0.0885	17.68	0.0586
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.61	0.1151	18.27	0.0671
Middle		1	0	20.65	0.1161	18.46	0.0701
Highest		1	24	20.57	0.1140	18.56	0.0718
Lowest	16QAM	1	0	19.45	0.0881	17.15	0.0519
Middle		1	0	19.47	0.0885	17.30	0.0537
Highest		1	24	19.40	0.0871	17.62	0.0578
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.64	0.1159	18.27	0.0671
Middle		1	0	20.57	0.1140	18.33	0.0681
Highest		1	0	20.60	0.1148	18.47	0.0703
Lowest	16QAM	1	0	19.41	0.0873	17.21	0.0526
Middle		1	0	19.51	0.0893	17.31	0.0538
Highest		1	49	19.45	0.0881	17.59	0.0574
Limit	ERP < 7W			Result		PASS	

LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	21.98	0.1578	19.49	0.0889
Middle		1	0	21.84	0.1528	19.70	0.0933
Highest		3	0	21.65	0.1462	20.07	0.1016
Lowest	16QAM	1	0	20.83	0.1211	18.27	0.0671
Middle		1	0	20.68	0.1169	18.51	0.0710
Highest		3	3	20.50	0.1122	19.14	0.0820
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	21.92	0.1556	19.39	0.0869
Middle		1	8	21.55	0.1429	19.48	0.0887
Highest		1	14	21.38	0.1374	19.95	0.0989
Lowest	16QAM	1	14	20.91	0.1233	18.33	0.0681
Middle		1	0	20.84	0.1213	18.59	0.0723
Highest		1	0	20.49	0.1119	18.67	0.0736
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	21.95	0.1567	19.52	0.0895
Middle		1	12	21.60	0.1445	19.47	0.0885
Highest		1	24	21.27	0.1340	19.88	0.0973
Lowest	16QAM	1	24	20.92	0.1236	18.49	0.0706
Middle		1	0	20.84	0.1213	18.51	0.0710
Highest		1	24	20.30	0.1072	18.84	0.0766
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.76	0.1500	19.25	0.0841
Middle		1	0	21.91	0.1552	19.40	0.0871
Highest		1	0	21.73	0.1489	19.56	0.0904
Lowest	16QAM	1	49	20.44	0.1107	18.32	0.0679
Middle		1	49	20.37	0.1089	18.39	0.0690
Highest		1	49	20.22	0.1052	18.76	0.0752
Limit	ERP < 3W			Result		PASS	

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-50.51	-13	-37.51	-65.01	-50.88	7.73	8.10	H
	5638.38	-44.99	-13	-31.99	-63.00	-45.89	9.5	10.40	H
	7517.84	-46.47	-13	-33.47	-66.88	-47.09	11.08	11.70	H
	3758.92	-50.53	-13	-37.53	-65.62	-50.90	7.73	8.1	V
	5638.38	-42.27	-13	-29.27	-60.54	-43.17	9.5	10.4	V
	7517.84	-45.70	-13	-32.70	-66.2	-46.32	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3757.48	-51.32	-13	-38.32	-65.82	-51.69	7.73	8.10	H
	5636.22	-44.69	-13	-31.69	-62.70	-45.59	9.5	10.40	H
	7514.96	-46.52	-13	-33.52	-66.93	-47.14	11.08	11.70	H
	3757.48	-50.65	-13	-37.65	-65.74	-51.02	7.73	8.1	V
	5636.22	-43.15	-13	-30.15	-61.42	-44.05	9.5	10.4	V
	7514.96	-46.23	-13	-33.23	-66.73	-46.85	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.68	-51.43	-13	-38.43	-65.93	-51.80	7.73	8.10	H
	5633.52	-43.85	-13	-30.85	-61.86	-44.75	9.5	10.40	H
	7511.36	-45.74	-13	-32.74	-66.15	-46.36	11.08	11.70	H
	3755.68	-50.49	-13	-37.49	-65.58	-50.86	7.73	8.1	V
	5633.52	-42.71	-13	-29.71	-60.98	-43.61	9.5	10.4	V
	7511.36	-46.10	-13	-33.10	-66.6	-46.72	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751.18	-50.77	-13	-37.77	-65.27	-51.14	7.73	8.10	H
	5626.77	-41.97	-13	-28.97	-59.98	-42.87	9.5	10.40	H
	7502.36	-46.48	-13	-33.48	-66.89	-47.10	11.08	11.70	H
	3751.18	-50.84	-13	-37.84	-65.93	-51.21	7.73	8.1	V
	5626.77	-42.41	-13	-29.41	-60.68	-43.31	9.5	10.4	V
	7502.36	-46.19	-13	-33.19	-66.69	-46.81	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.68	-50.43	-13	-37.43	-64.93	-50.80	7.73	8.10	H
	5620.02	-44.51	-13	-31.51	-62.52	-45.41	9.5	10.40	H
	7493.36	-46.48	-13	-33.48	-66.89	-47.10	11.08	11.70	H
	3746.68	-51.19	-13	-38.19	-66.28	-51.56	7.73	8.1	V
	5620.02	-41.15	-13	-28.15	-59.42	-42.05	9.5	10.4	V
	7493.36	-46.14	-13	-33.14	-66.64	-46.76	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-51.32	-13	-38.32	-65.82	-51.69	7.73	8.10	H
	5613.27	-42.73	-13	-29.73	-60.74	-43.63	9.5	10.40	H
	7484.36	-46.39	-13	-33.39	-66.80	-47.01	11.08	11.70	H
	3742.18	-50.47	-13	-37.47	-65.56	-50.84	7.73	8.1	V
	5613.27	-41.46	-13	-28.46	-59.73	-42.36	9.5	10.4	V
	7484.36	-45.72	-13	-32.72	-66.22	-46.34	11.08	11.7	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.74	-50.91	-13	-37.91	-65.66	-56.18	7.33	12.60	H
	5195.61	-46.01	-13	-33.01	-64.01	-49.56	9.15	12.70	H
	6927.48	-46.66	-13	-33.66	-65.47	-47.72	10.64	11.70	H
	3463.74	-52.95	-13	-39.95	-64.53	-58.22	7.33	12.60	V
	5195.61	-48.59	-13	-35.59	-62.34	-52.14	9.15	12.70	V
	6927.48	-47.79	-13	-34.79	-65.88	-48.85	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-51.20	-13	-38.20	-65.95	-56.47	7.33	12.60	H
	5193.72	-46.48	-13	-33.48	-64.48	-50.03	9.15	12.70	H
	6924.96	-46.50	-13	-33.50	-65.31	-47.56	10.64	11.70	H
	3462.48	-53.63	-13	-40.63	-65.21	-58.90	7.33	12.60	V
	5193.72	-50.22	-13	-37.22	-63.97	-53.77	9.15	12.70	V
	6924.96	-47.10	-13	-34.10	-65.19	-48.16	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-50.20	-13	-37.20	-64.95	-55.47	7.33	12.60	H
	5191.02	-45.21	-13	-32.21	-63.21	-48.76	9.15	12.70	H
	6921.36	-46.98	-13	-33.98	-65.79	-48.04	10.64	11.70	H
	3460.68	-53.83	-13	-40.83	-65.41	-59.10	7.33	12.60	V
	5191.02	-49.13	-13	-36.13	-62.88	-52.68	9.15	12.70	V
	6921.36	-47.09	-13	-34.09	-65.18	-48.15	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-50.79	-13	-37.79	-65.54	-56.06	7.33	12.60	H
	5184.27	-45.09	-13	-32.09	-63.09	-48.64	9.15	12.70	H
	6912.36	-47.40	-13	-34.40	-66.21	-48.46	10.64	11.70	H
	3456.18	-53.98	-13	-40.98	-65.56	-59.25	7.33	12.60	V
	5184.27	-50.35	-13	-37.35	-64.1	-53.90	9.15	12.70	V
	6912.36	-44.76	-13	-31.76	-62.85	-45.82	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-49.37	-13	-36.37	-64.12	-54.64	7.33	12.60	H
	5177.52	-43.33	-13	-30.33	-61.33	-46.88	9.15	12.70	H
	6903.36	-45.61	-13	-32.61	-64.42	-46.67	10.64	11.70	H
	3451.68	-53.79	-13	-40.79	-65.37	-59.06	7.33	12.60	V
	5177.52	-47.78	-13	-34.78	-61.53	-51.33	9.15	12.70	V
	6903.36	-47.39	-13	-34.39	-65.48	-48.45	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-50.90	-13	-37.90	-65.65	-56.17	7.33	12.60	H
	5170.77	-43.68	-13	-30.68	-61.68	-47.23	9.15	12.70	H
	6894.36	-46.37	-13	-33.37	-65.18	-47.43	10.64	11.70	H
	3447.18	-53.53	-13	-40.53	-65.11	-58.80	7.33	12.60	V
	5170.77	-48.93	-13	-35.93	-62.68	-52.48	9.15	12.70	V
	6894.36	-47.64	-13	-34.64	-65.73	-48.70	10.64	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.92	-58.83	-13	-45.83	-61.14	-57.26	4.92	5.50	H
	2507.88	-41.01	-13	-28.01	-50.39	-38.55	6.11	5.80	H
	3343.84	-56.81	-13	-43.81	-65.53	-55.43	7.33	8.10	H
	1671.92	-59.90	-13	-46.90	-62.38	-58.33	4.92	5.50	V
	2507.88	-33.84	-13	-20.84	-43.88	-31.38	6.11	5.80	V
	3343.84	-57.27	-13	-44.27	-65.50	-55.89	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.48	-61.26	-13	-48.26	-63.57	-59.69	4.92	5.50	H
	2505.72	-44.46	-13	-31.46	-53.22	-42.00	6.11	5.80	H
	3340.96	-57.48	-13	-44.48	-66.20	-56.10	7.33	8.10	H
	1670.48	-61.37	-13	-48.37	-63.85	-59.80	4.92	5.50	V
	2505.72	-35.44	-13	-22.44	-45.45	-32.98	6.11	5.80	V
	3340.96	-57.58	-13	-44.58	-65.81	-56.20	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.68	-61.58	-13	-48.58	-63.89	-60.01	4.92	5.50	H
	2503.02	-37.95	-13	-24.95	-47.87	-35.49	6.11	5.80	H
	3337.36	-57.25	-13	-44.25	-65.97	-55.87	7.33	8.10	H
	1668.68	-61.02	-13	-48.02	-63.50	-59.45	4.92	5.50	V
	2503.02	-33.29	-13	-20.29	-43.44	-30.83	6.11	5.80	V
	3337.36	-57.33	-13	-44.33	-65.56	-55.95	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-61.53	-13	-48.53	-63.84	-59.96	4.92	5.50	H
	2496.27	-41.34	-13	-28.34	-50.72	-38.88	6.11	5.80	H
	3328.36	-56.94	-13	-43.94	-65.66	-55.56	7.33	8.10	H
	1664.18	-62.03	-13	-49.03	-64.51	-60.46	4.92	5.50	V
	2496.27	-34.75	-13	-21.75	-44.79	-32.29	6.11	5.80	V
	3328.36	-56.83	-13	-43.83	-65.06	-55.45	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1413.74	-62.12	-13	-49.12	-64.43	-60.55	4.92	5.50	H
	2122	-56.83	-13	-43.83	-63.12	-54.37	6.11	5.80	H
	2827.48	-57.83	-13	-44.83	-66.55	-56.45	7.33	8.10	H
	1413.74	-61.66	-13	-48.66	-64.14	-60.09	4.92	5.50	V
	2122	-59.31	-13	-46.31	-64.89	-56.85	6.11	5.80	V
	2827.48	-58.53	-13	-45.53	-66.76	-57.15	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412.3	-61.95	-13	-48.95	-64.26	-60.38	4.92	5.50	H
	2119	-45.27	-13	-32.27	-53.86	-42.81	6.11	5.80	H
	2824	-57.68	-13	-44.68	-66.40	-56.30	7.33	8.10	H
	1412.3	-61.76	-13	-48.76	-64.24	-60.19	4.92	5.50	V
	2119	-47.35	-13	-34.35	-55.06	-44.89	6.11	5.80	V
	2824	-57.29	-13	-44.29	-65.52	-55.91	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1410.5	-62.34	-13	-49.34	-64.65	-60.77	4.92	5.50	H
	2116	-41.80	-13	-28.80	-51.17	-39.34	6.11	5.80	H
	2821	-57.26	-13	-44.26	-65.98	-55.88	7.33	8.10	H
	1410.5	-62.20	-13	-49.20	-64.68	-60.63	4.92	5.50	V
	2116	-45.11	-13	-32.11	-53.44	-42.65	6.11	5.80	V
	2821	-58.54	-13	-45.54	-66.77	-57.16	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-62.12	-13	-49.12	-64.43	-60.55	4.92	5.50	H
	2110	-50.98	-13	-37.98	-57.92	-48.52	6.11	5.80	H
	2812	-56.35	-13	-43.35	-65.07	-54.97	7.33	8.10	H
	1406	-62.25	-13	-49.25	-64.73	-60.68	4.92	5.50	V
	2110	-56.31	-13	-43.31	-61.89	-53.85	6.11	5.80	V
	2812	-58.48	-13	-45.48	-66.71	-57.10	7.33	8.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.