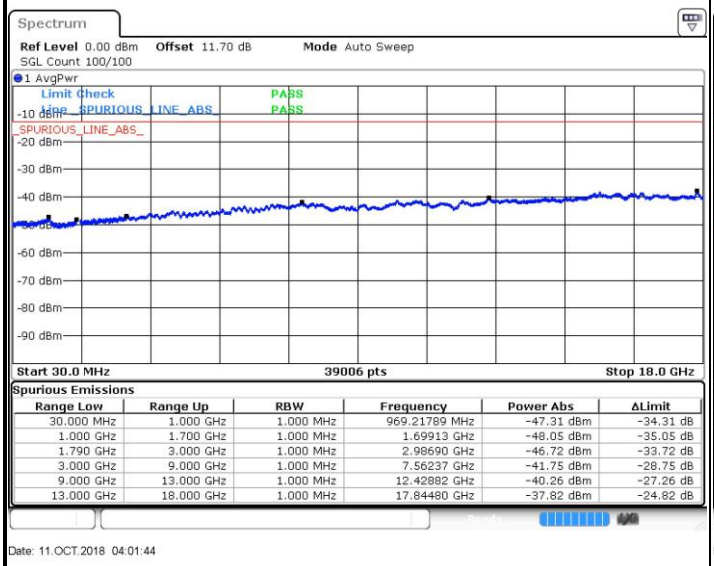
Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

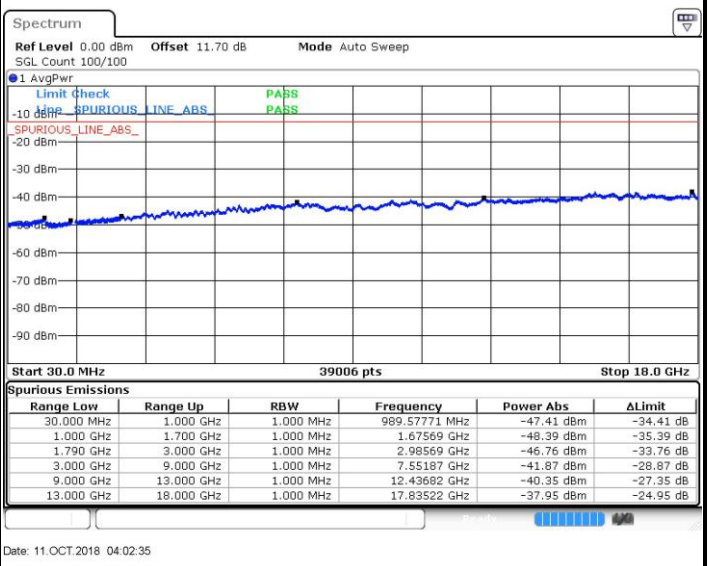


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-48.05 dBm	-35.05 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98690 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56237 GHz	-41.75 dBm	-28.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42882 GHz	-40.26 dBm	-27.26 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84480 GHz	-37.82 dBm	-24.82 dB

Date: 11.OCT.2018 04:01:44

Lowest Channel / 16QAM

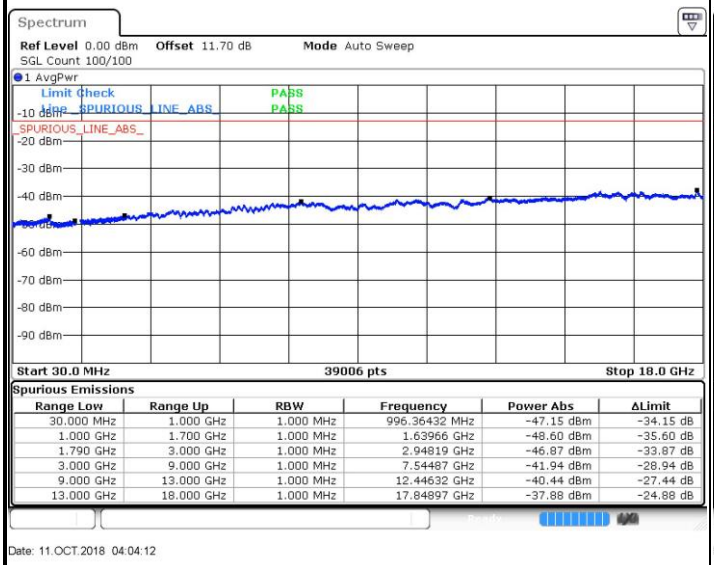


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-48.39 dBm	-35.39 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98569 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55187 GHz	-41.87 dBm	-28.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43682 GHz	-40.35 dBm	-27.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83522 GHz	-37.95 dBm	-24.95 dB

Date: 11.OCT.2018 04:02:35

Middle Channel / QPSK

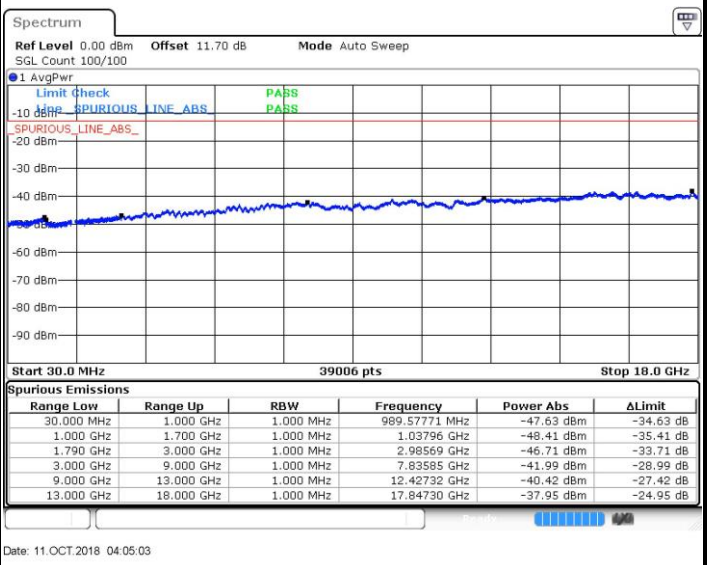


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-47.15 dBm	-34.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63966 GHz	-48.60 dBm	-35.60 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94819 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54487 GHz	-41.94 dBm	-28.94 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44632 GHz	-40.44 dBm	-27.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84897 GHz	-37.88 dBm	-24.88 dB

Date: 11.OCT.2018 04:04:12

Middle Channel / 16QAM



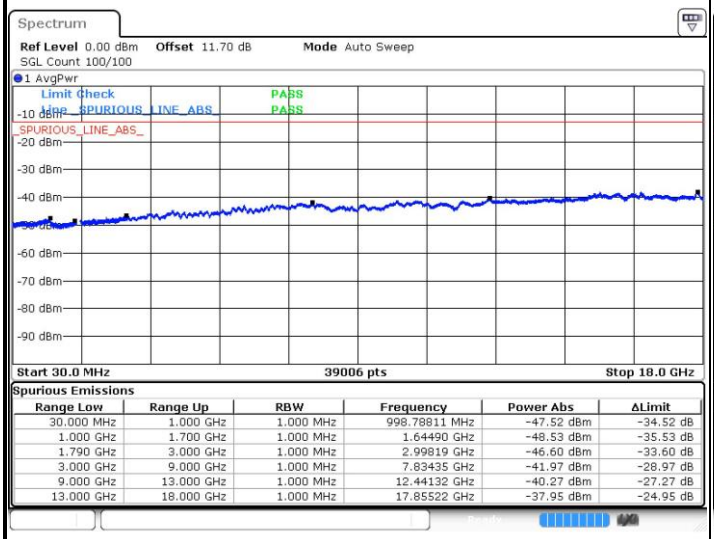
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-47.63 dBm	-34.63 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03796 GHz	-48.41 dBm	-35.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98569 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83585 GHz	-41.99 dBm	-28.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42732 GHz	-40.42 dBm	-27.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84730 GHz	-37.95 dBm	-24.95 dB

Date: 11.OCT.2018 04:05:03

LTE Band 66 / 1.4MHz

Highest Channel / QPSK

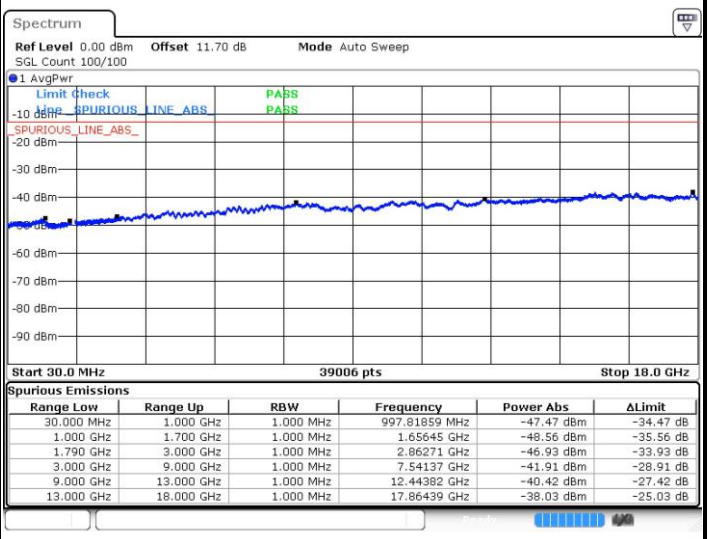


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.52 dBm	-34.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64490 GHz	-48.53 dBm	-35.53 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99819 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83435 GHz	-41.97 dBm	-28.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44132 GHz	-40.27 dBm	-27.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85522 GHz	-37.95 dBm	-24.95 dB

Date: 11.OCT.2018 04:12:39

Highest Channel / 16QAM



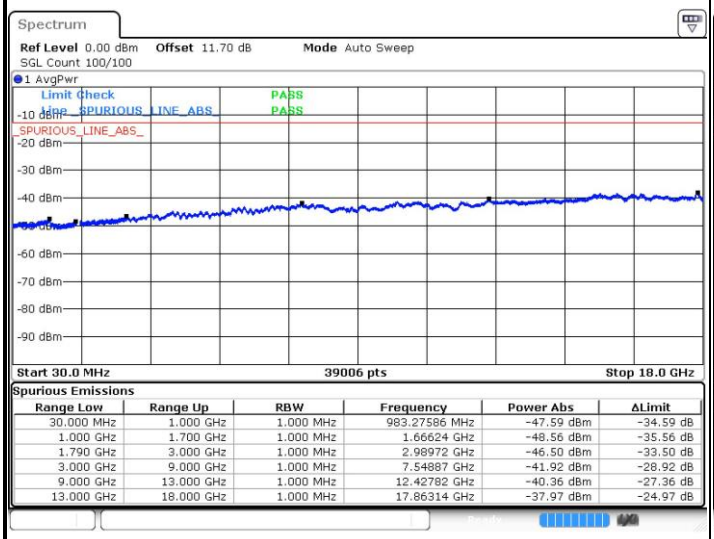
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-47.47 dBm	-34.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65645 GHz	-48.56 dBm	-35.56 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.86271 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54137 GHz	-41.91 dBm	-28.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44382 GHz	-40.42 dBm	-27.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.86439 GHz	-38.03 dBm	-25.03 dB

Date: 11.OCT.2018 04:13:30

LTE Band 66 / 3MHz

Lowest Channel / QPSK

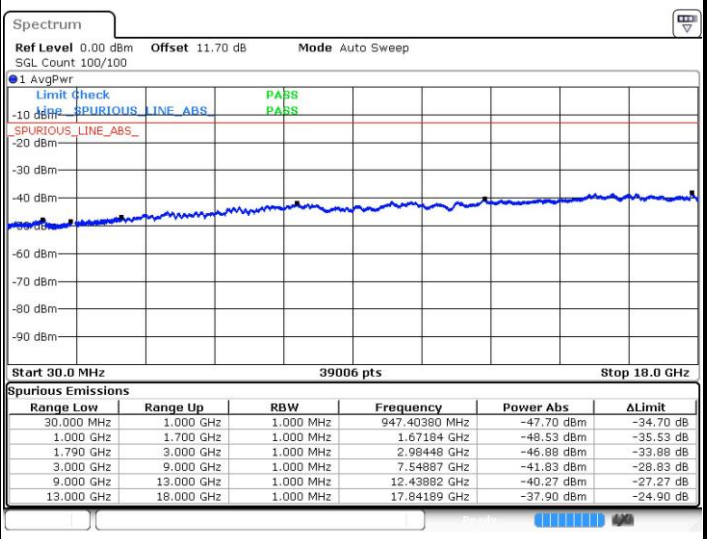


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-47.59 dBm	-34.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66624 GHz	-48.56 dBm	-35.56 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98972 GHz	-46.50 dBm	-33.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54887 GHz	-41.92 dBm	-28.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42782 GHz	-40.36 dBm	-27.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.86314 GHz	-37.97 dBm	-24.97 dB

Date: 11.OCT.2018 02:23:58

Lowest Channel / 16QAM



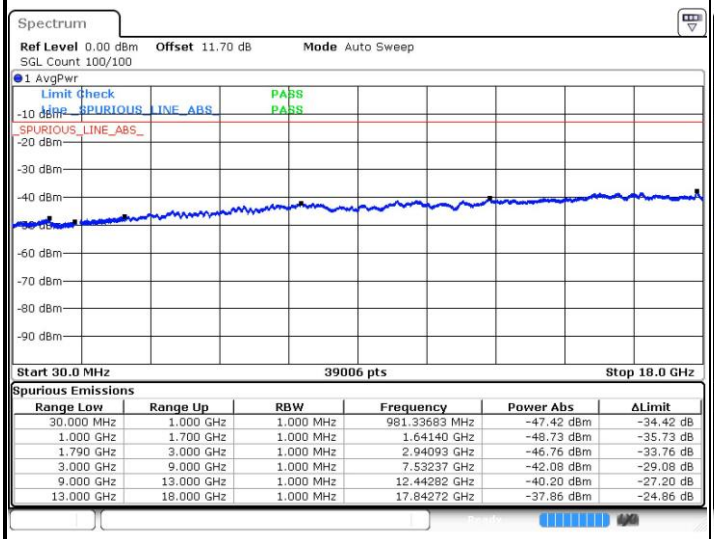
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.70 dBm	-34.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67184 GHz	-48.53 dBm	-35.53 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98448 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54887 GHz	-41.83 dBm	-28.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43882 GHz	-40.27 dBm	-27.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84189 GHz	-37.90 dBm	-24.90 dB

Date: 11.OCT.2018 02:24:49

LTE Band 66 / 3MHz

Middle Channel / QPSK

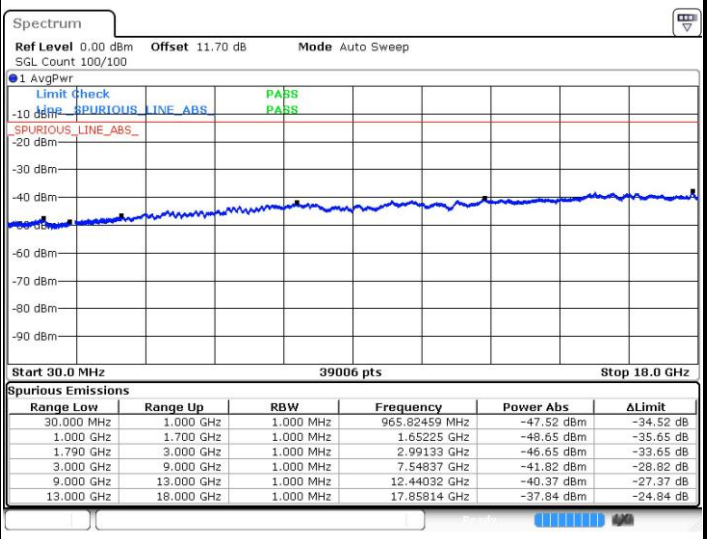


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-47.42 dBm	-34.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64140 GHz	-48.73 dBm	-35.73 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.94093 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53237 GHz	-42.08 dBm	-29.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44282 GHz	-40.20 dBm	-27.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84272 GHz	-37.86 dBm	-24.86 dB

Date: 11.OCT.2018 02:26:26

Middle Channel / 16QAM

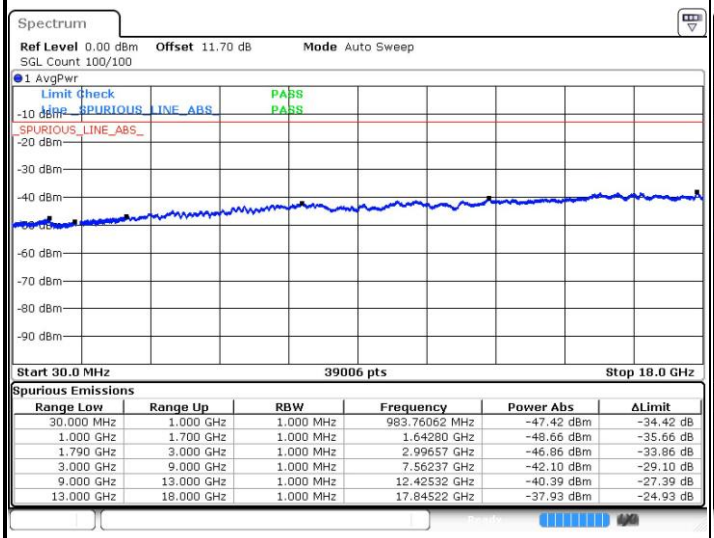


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-47.52 dBm	-34.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65225 GHz	-48.65 dBm	-35.65 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99133 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54837 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44032 GHz	-40.37 dBm	-27.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85814 GHz	-37.84 dBm	-24.84 dB

Date: 11.OCT.2018 02:27:17

Highest Channel / QPSK

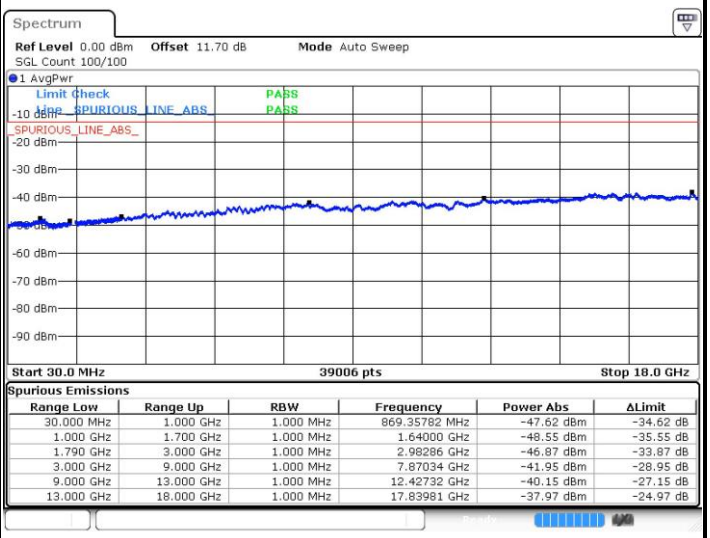


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.42 dBm	-34.42 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64280 GHz	-48.66 dBm	-35.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99657 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56237 GHz	-42.10 dBm	-29.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42532 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84522 GHz	-37.93 dBm	-24.93 dB

Date: 11.OCT.2018 02:34:53

Highest Channel / 16QAM



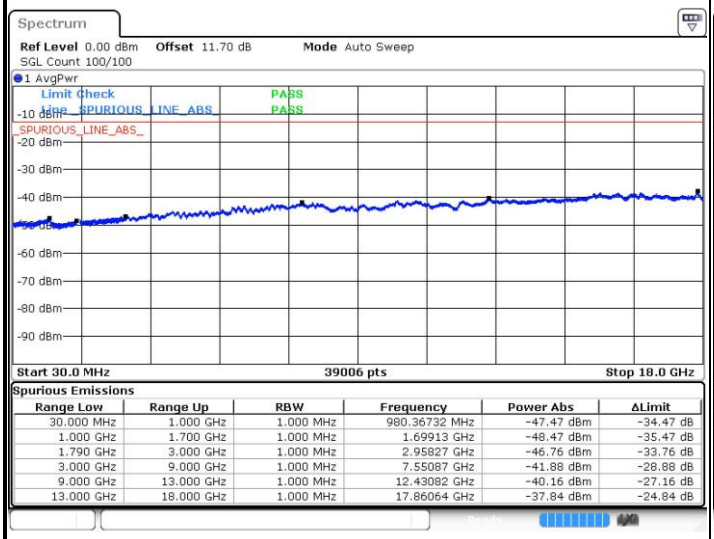
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.35782 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64000 GHz	-48.55 dBm	-35.55 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98286 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.87034 GHz	-41.95 dBm	-28.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42732 GHz	-40.15 dBm	-27.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83981 GHz	-37.97 dBm	-24.97 dB

Date: 11.OCT.2018 02:35:44

LTE Band 66 / 5MHz

Lowest Channel / QPSK

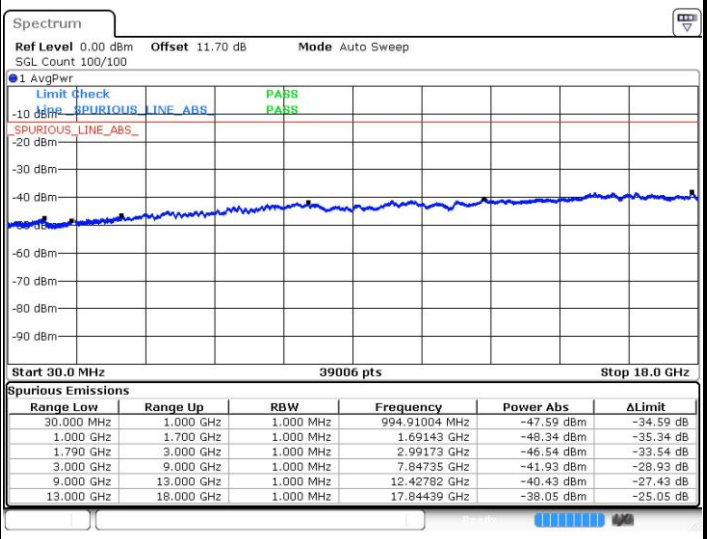


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.47 dBm	-34.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-48.47 dBm	-35.47 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.95827 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-41.88 dBm	-28.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43082 GHz	-40.16 dBm	-27.16 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.86064 GHz	-37.84 dBm	-24.84 dB

Date: 11.OCT.2018 02:43:21

Lowest Channel / 16QAM

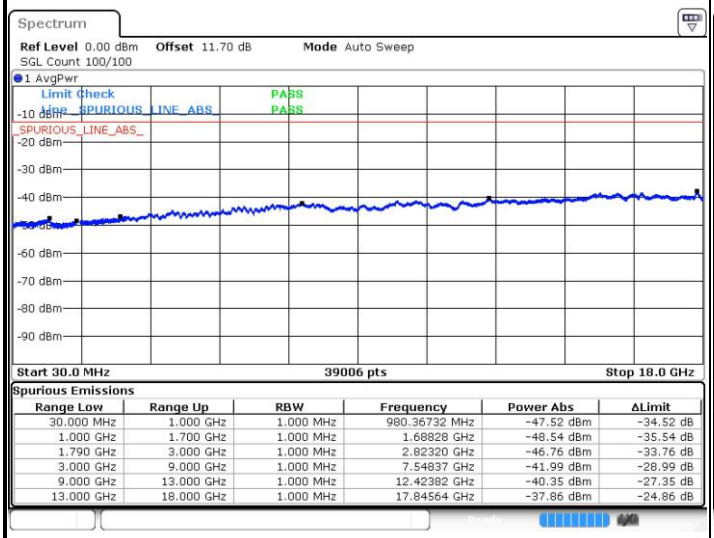


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.59 dBm	-34.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69143 GHz	-48.34 dBm	-35.34 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99173 GHz	-46.54 dBm	-33.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84735 GHz	-41.93 dBm	-28.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42782 GHz	-40.43 dBm	-27.43 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84439 GHz	-38.05 dBm	-25.05 dB

Date: 11.OCT.2018 02:44:12

Middle Channel / QPSK

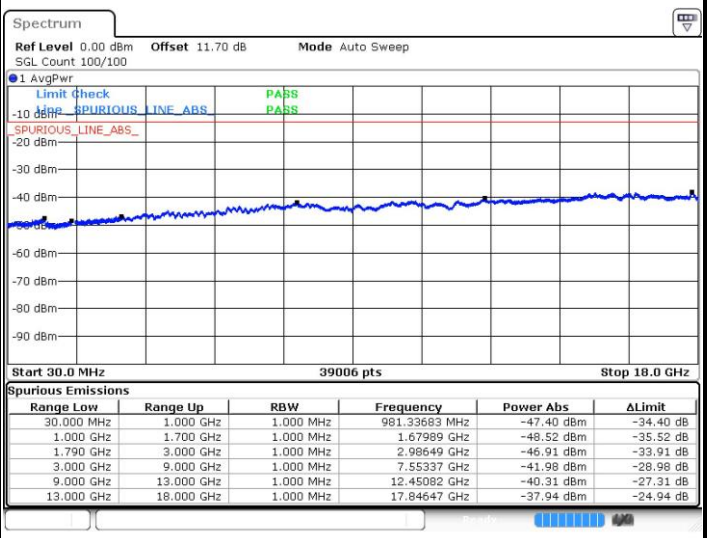


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-47.52 dBm	-34.52 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-48.54 dBm	-35.54 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.82320 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54837 GHz	-41.99 dBm	-28.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42382 GHz	-40.35 dBm	-27.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84564 GHz	-37.86 dBm	-24.86 dB

Date: 11.OCT.2018 02:45:48

Middle Channel / 16QAM



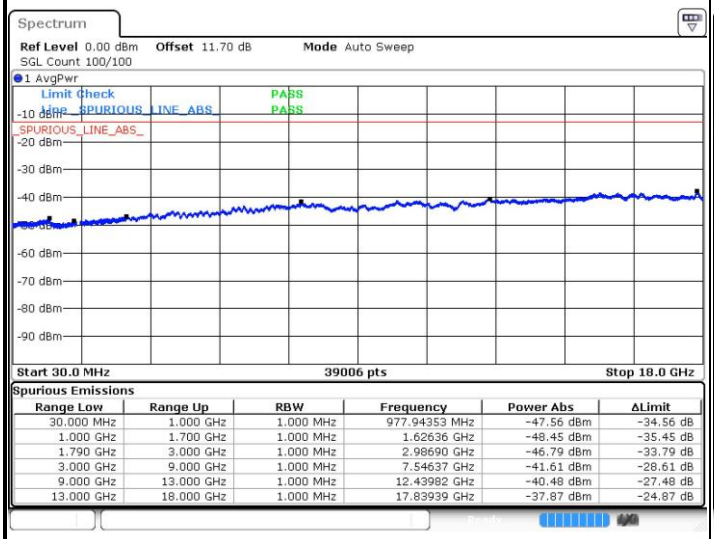
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-47.40 dBm	-34.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-48.52 dBm	-35.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98649 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55337 GHz	-41.98 dBm	-28.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45082 GHz	-40.31 dBm	-27.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84647 GHz	-37.94 dBm	-24.94 dB

Date: 11.OCT.2018 02:46:39

LTE Band 66 / 5MHz

Highest Channel / QPSK

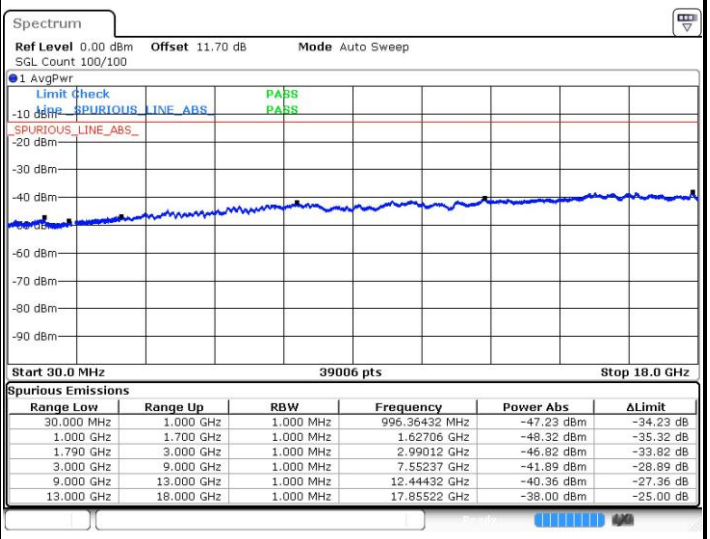


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-47.56 dBm	-34.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62636 GHz	-48.45 dBm	-35.45 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98690 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54637 GHz	-41.61 dBm	-28.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43982 GHz	-40.48 dBm	-27.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83939 GHz	-37.87 dBm	-24.87 dB

Date: 11.OCT.2018 02:54:16

Highest Channel / 16QAM



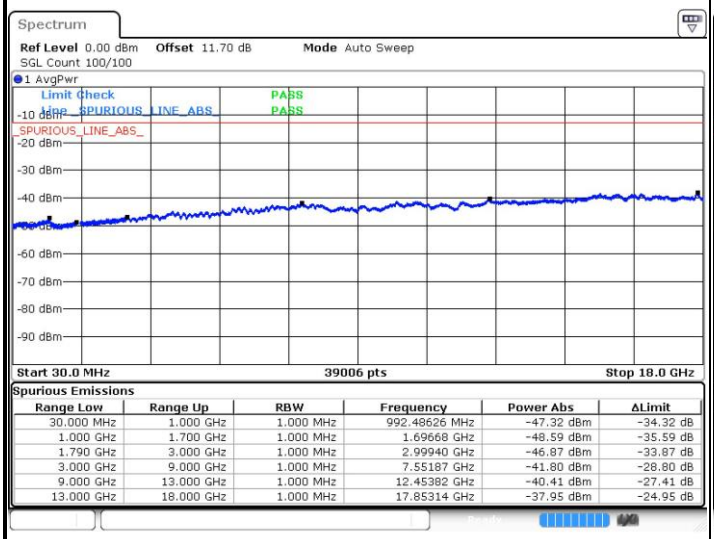
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62706 GHz	-48.32 dBm	-35.32 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99012 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55237 GHz	-41.89 dBm	-28.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44432 GHz	-40.36 dBm	-27.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85522 GHz	-38.00 dBm	-25.00 dB

Date: 11.OCT.2018 02:55:07

LTE Band 66 / 10MHz

Lowest Channel / QPSK

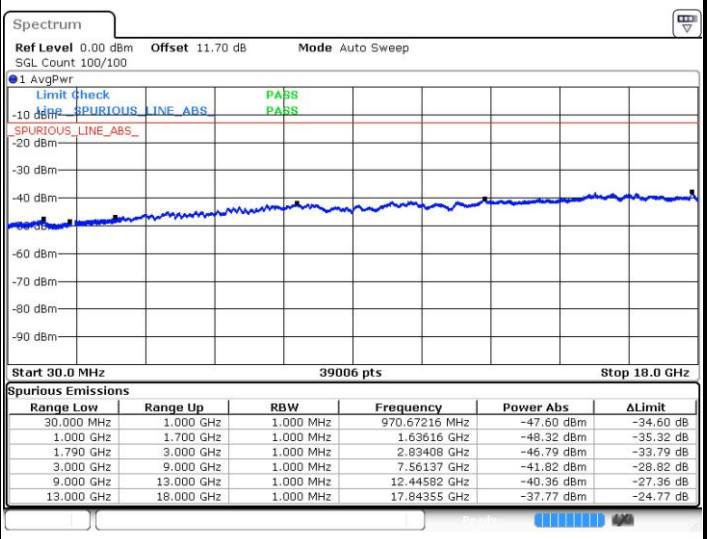


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.32 dBm	-34.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-48.59 dBm	-35.59 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99940 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55187 GHz	-41.80 dBm	-28.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45382 GHz	-40.41 dBm	-27.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85314 GHz	-37.95 dBm	-24.95 dB

Date: 11.OCT.2018 03:02:44

Lowest Channel / 16QAM



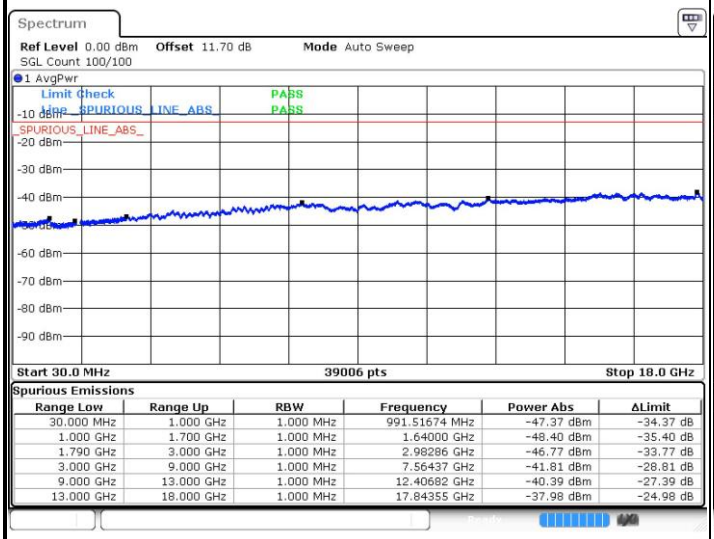
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-47.60 dBm	-34.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63616 GHz	-48.32 dBm	-35.32 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.83408 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56137 GHz	-41.82 dBm	-28.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44582 GHz	-40.36 dBm	-27.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-37.77 dBm	-24.77 dB

Date: 11.OCT.2018 03:03:35

LTE Band 66 / 10MHz

Middle Channel / QPSK

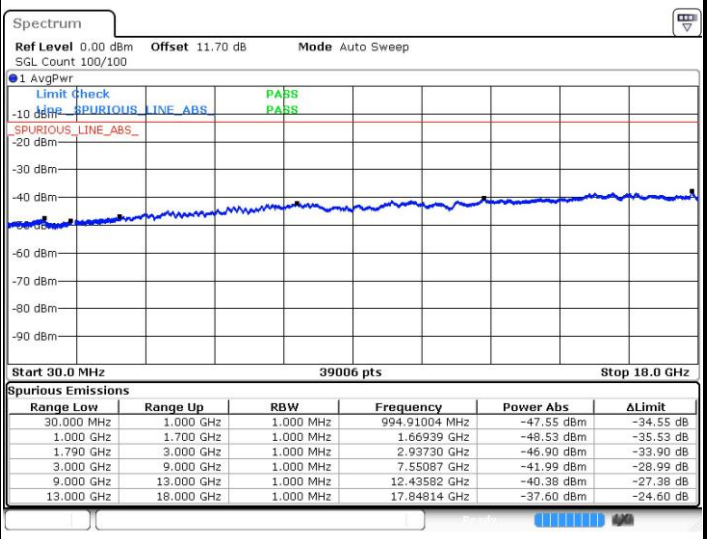


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-47.37 dBm	-34.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64000 GHz	-48.40 dBm	-35.40 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98286 GHz	-46.77 dBm	-33.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.56437 GHz	-41.81 dBm	-28.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40682 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-37.98 dBm	-24.98 dB

Date: 11.OCT.2018 03:05:11

Middle Channel / 16QAM

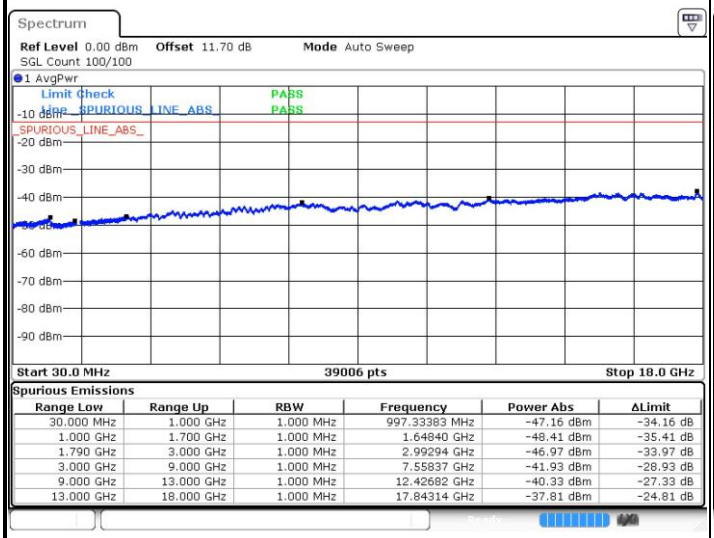


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.55 dBm	-34.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66939 GHz	-48.53 dBm	-35.53 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.93730 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-41.99 dBm	-28.99 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43582 GHz	-40.38 dBm	-27.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84814 GHz	-37.60 dBm	-24.60 dB

Date: 11.OCT.2018 03:06:02

Highest Channel / QPSK

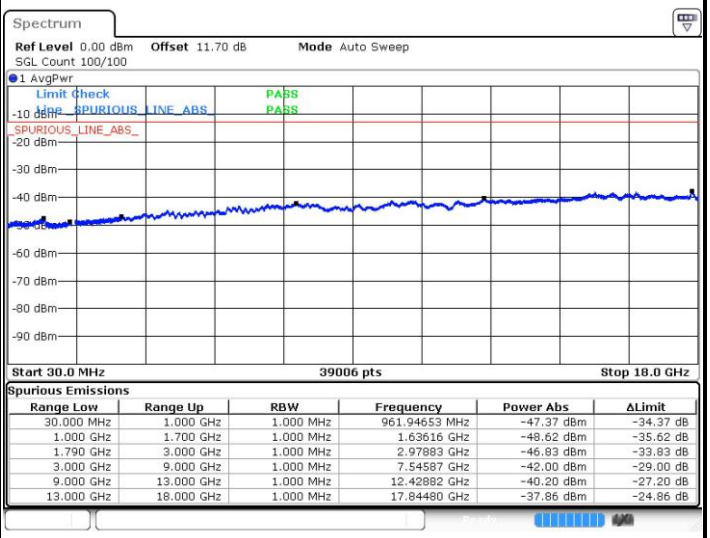


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.16 dBm	-34.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64840 GHz	-48.41 dBm	-35.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99294 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55837 GHz	-41.93 dBm	-28.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42682 GHz	-40.33 dBm	-27.33 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84314 GHz	-37.81 dBm	-24.81 dB

Date: 11.OCT.2018 03:13:39

Highest Channel / 16QAM



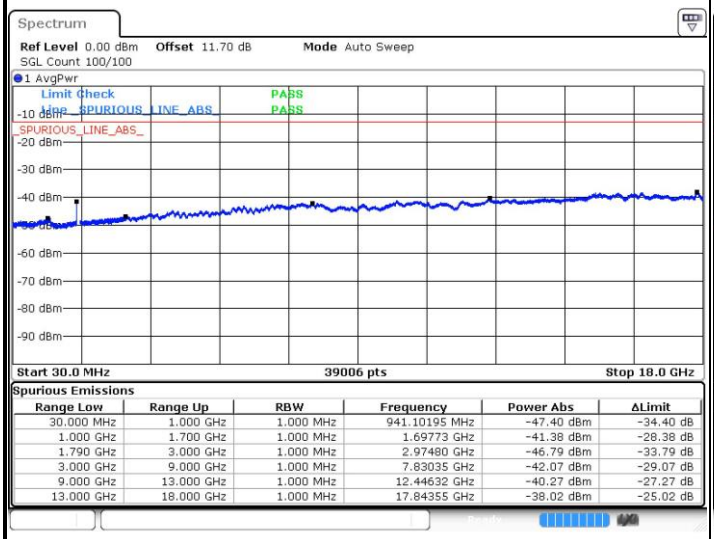
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-47.37 dBm	-34.37 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63616 GHz	-48.62 dBm	-35.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97883 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54587 GHz	-42.00 dBm	-29.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42882 GHz	-40.20 dBm	-27.20 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84480 GHz	-37.86 dBm	-24.86 dB

Date: 11.OCT.2018 03:14:30

LTE Band 66 / 15MHz

Lowest Channel / QPSK

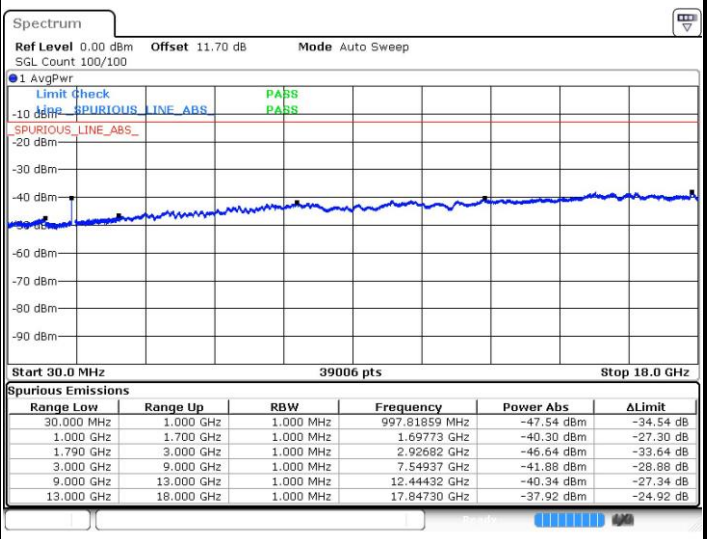


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-47.40 dBm	-34.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-41.38 dBm	-28.38 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97480 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83035 GHz	-42.07 dBm	-29.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44632 GHz	-40.27 dBm	-27.27 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-38.02 dBm	-25.02 dB

Date: 11.OCT.2018 03:22:07

Lowest Channel / 16QAM

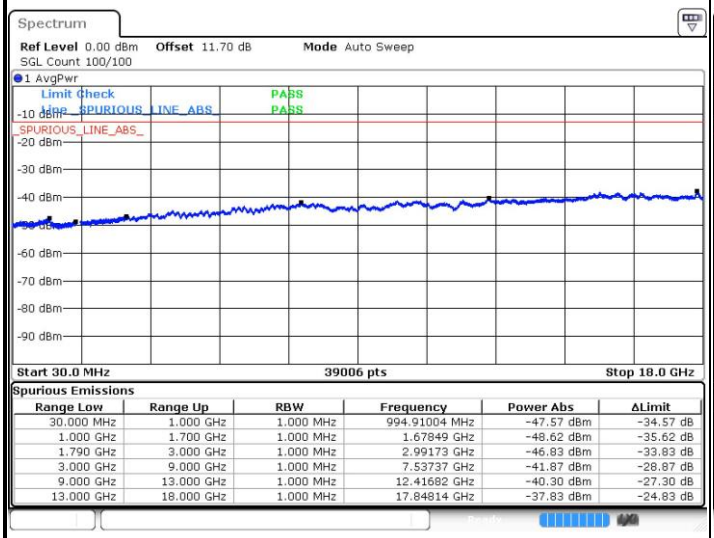


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-47.54 dBm	-34.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-40.30 dBm	-27.30 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.92682 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54937 GHz	-41.88 dBm	-28.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44432 GHz	-40.34 dBm	-27.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84730 GHz	-37.92 dBm	-24.92 dB

Date: 11.OCT.2018 03:22:58

Middle Channel / QPSK

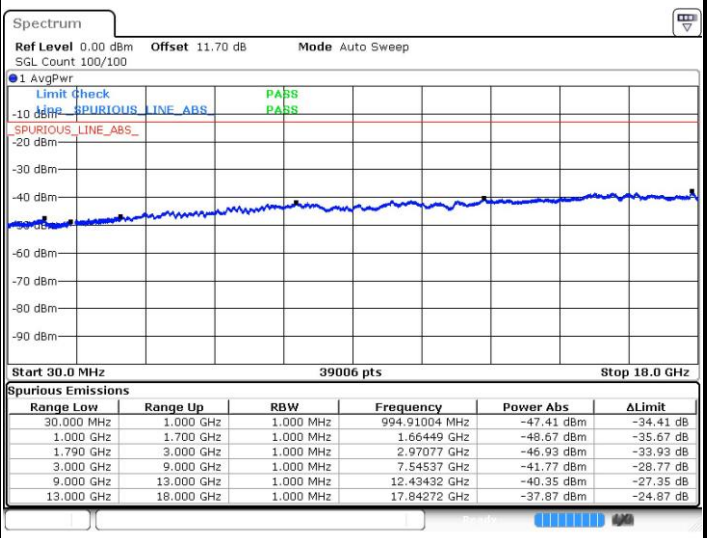


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.57 dBm	-34.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67849 GHz	-48.62 dBm	-35.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99173 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.53737 GHz	-41.87 dBm	-28.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41682 GHz	-40.30 dBm	-27.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84814 GHz	-37.83 dBm	-24.83 dB

Date: 11.OCT.2018 03:24:35

Middle Channel / 16QAM



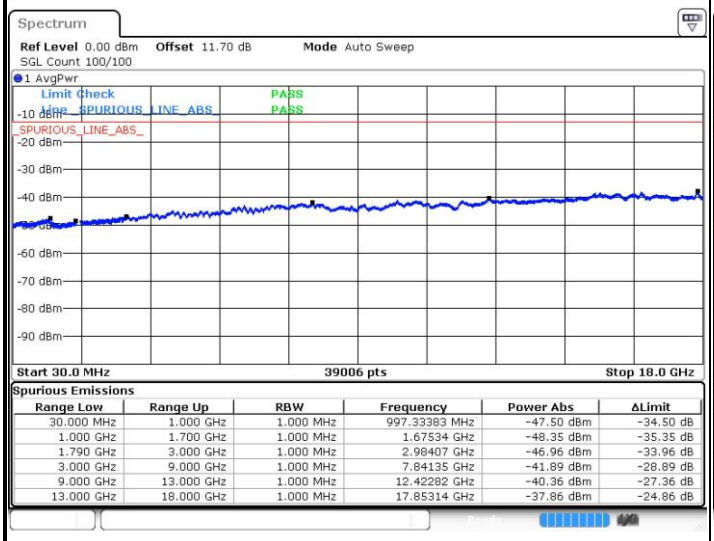
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66449 GHz	-48.67 dBm	-35.67 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.97077 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54537 GHz	-41.77 dBm	-28.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43432 GHz	-40.35 dBm	-27.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84272 GHz	-37.87 dBm	-24.87 dB

Date: 11.OCT.2018 03:25:26

LTE Band 66 / 15MHz

Highest Channel / QPSK

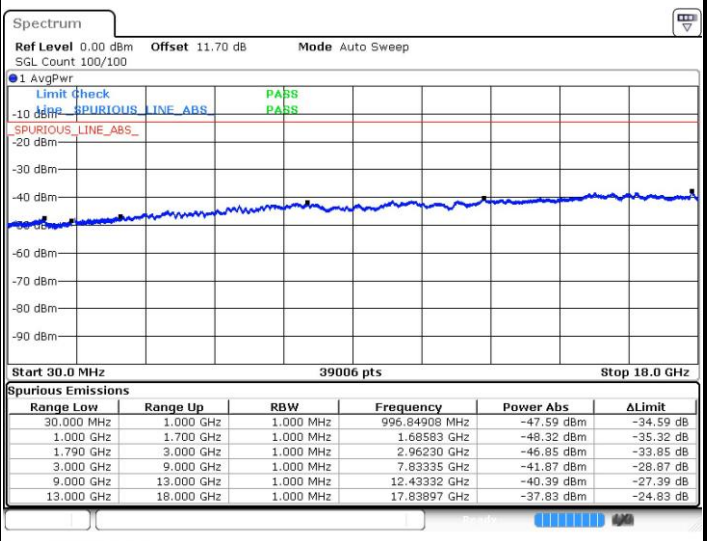


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-47.50 dBm	-34.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67534 GHz	-48.35 dBm	-35.35 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98407 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84135 GHz	-41.89 dBm	-28.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42282 GHz	-40.36 dBm	-27.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85314 GHz	-37.86 dBm	-24.86 dB

Date: 11.OCT.2018 03:33:02

Highest Channel / 16QAM



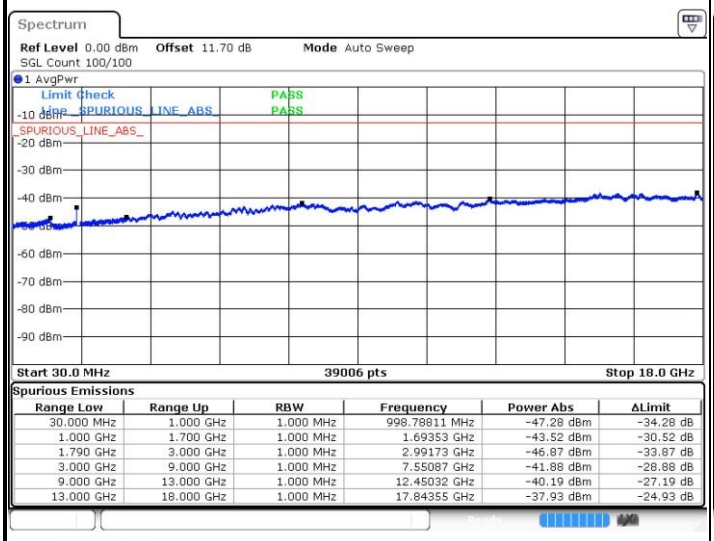
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-47.59 dBm	-34.59 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68583 GHz	-48.32 dBm	-35.32 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96230 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83335 GHz	-41.87 dBm	-28.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.43332 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83897 GHz	-37.83 dBm	-24.83 dB

Date: 11.OCT.2018 03:33:53

LTE Band 66 / 20MHz

Lowest Channel / QPSK

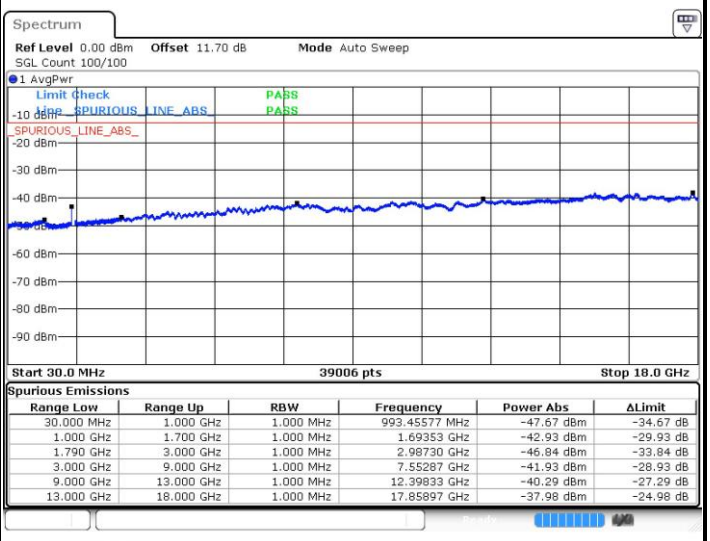


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-47.28 dBm	-34.28 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-43.52 dBm	-30.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.99173 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55087 GHz	-41.88 dBm	-28.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.45032 GHz	-40.19 dBm	-27.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84355 GHz	-37.93 dBm	-24.93 dB

Date: 11.OCT.2018 03:41:30

Lowest Channel / 16QAM



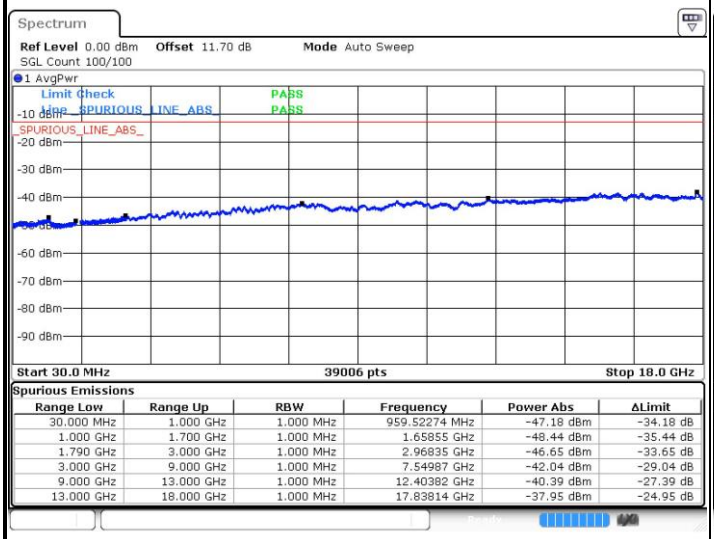
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-42.93 dBm	-29.93 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98730 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55287 GHz	-41.93 dBm	-28.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39833 GHz	-40.29 dBm	-27.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85897 GHz	-37.98 dBm	-24.98 dB

Date: 11.OCT.2018 03:42:21

LTE Band 66 / 20MHz

Middle Channel / QPSK

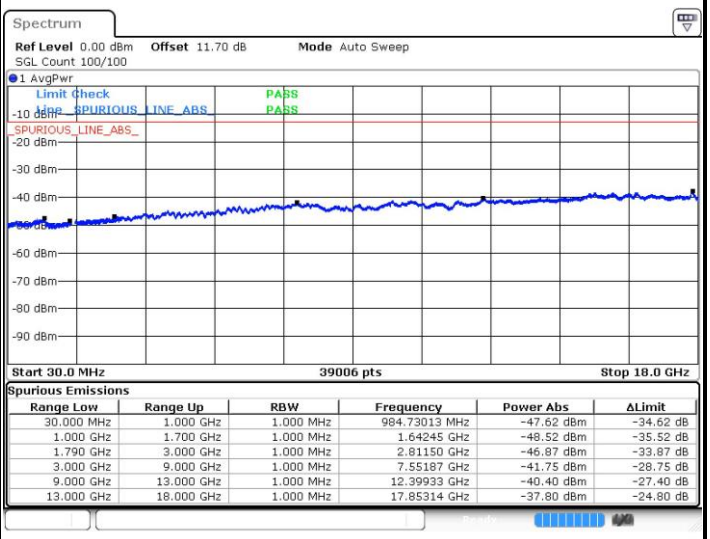


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-47.18 dBm	-34.18 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65855 GHz	-48.44 dBm	-35.44 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96835 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.54987 GHz	-42.04 dBm	-29.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40382 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83814 GHz	-37.95 dBm	-24.95 dB

Date: 11.OCT.2018 03:43:58

Middle Channel / 16QAM

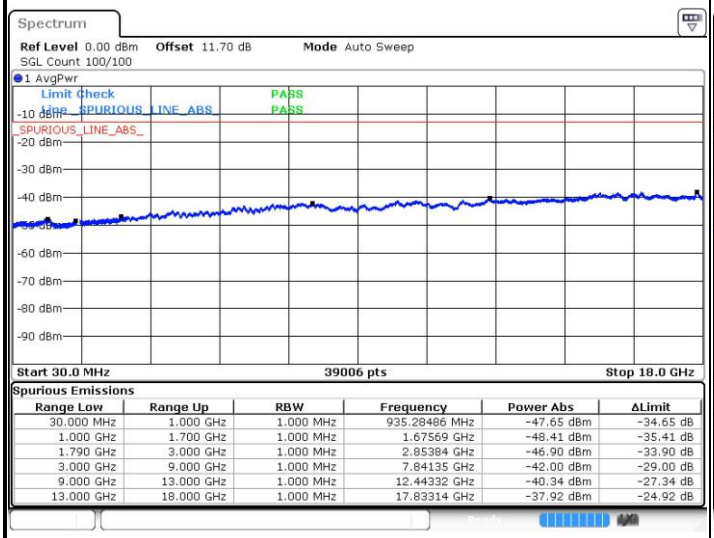


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-47.62 dBm	-34.62 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64245 GHz	-48.52 dBm	-35.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.81150 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.55187 GHz	-41.75 dBm	-28.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.39933 GHz	-40.40 dBm	-27.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.85314 GHz	-37.80 dBm	-24.80 dB

Date: 11.OCT.2018 03:44:49

Highest Channel / QPSK

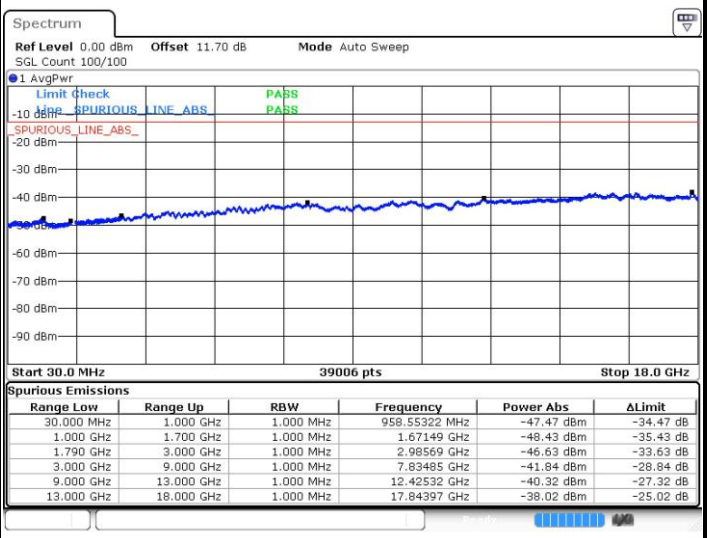


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-47.65 dBm	-34.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-48.41 dBm	-35.41 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.85384 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.84135 GHz	-42.00 dBm	-29.00 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.44332 GHz	-40.34 dBm	-27.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.83314 GHz	-37.92 dBm	-24.92 dB

Date: 11.OCT.2018 03:52:25

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-47.47 dBm	-34.47 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67149 GHz	-48.43 dBm	-35.43 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.98569 GHz	-46.63 dBm	-33.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	7.83485 GHz	-41.84 dBm	-28.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.42532 GHz	-40.32 dBm	-27.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.84397 GHz	-38.02 dBm	-25.02 dB

Date: 11.OCT.2018 03:53:16

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0040	
-30	Normal Voltage	0.0058	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =7.6 V.；Battery End Point (BEP) =6.8 V.；Maximum Voltage =8.7 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.03	0.2009	23.53	0.2254
Middle		3	1	23.01	0.2000	23.51	0.2244
Highest		3	1	22.70	0.1862	23.20	0.2089
Lowest	16QAM	1	3	22.25	0.1679	22.75	0.1884
Middle		1	3	22.25	0.1679	22.75	0.1884
Highest		1	3	21.87	0.1538	22.37	0.1726
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	23.51	0.2244
Middle		1	0	23.06	0.2023	23.56	0.2270
Highest		1	0	22.82	0.1914	23.32	0.2148
Lowest	16QAM	1	0	22.35	0.1718	22.85	0.1928
Middle		1	0	22.24	0.1675	22.74	0.1879
Highest		1	0	22.05	0.1603	22.55	0.1799
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.09	0.2037	23.59	0.2286
Middle		1	0	23.11	0.2046	23.61	0.2296
Highest		1	0	22.93	0.1963	23.43	0.2203
Lowest	16QAM	1	0	22.35	0.1718	22.85	0.1928
Middle		1	0	22.31	0.1702	22.81	0.1910
Highest		1	0	22.17	0.1648	22.67	0.1849
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.20	0.2089	23.70	0.2344
Middle		1	0	23.18	0.2080	23.68	0.2333
Highest		1	0	23.11	0.2046	23.61	0.2296
Lowest	16QAM	1	0	22.47	0.1766	22.97	0.1982
Middle		1	0	22.53	0.1791	23.03	0.2009
Highest		1	0	22.43	0.1750	22.93	0.1963
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.06	0.2023	23.56	0.2270
Middle		1	0	23.23	0.2104	23.73	0.2360
Highest		1	0	23.12	0.2051	23.62	0.2301
Lowest	16QAM	1	0	22.70	0.1862	23.20	0.2089
Middle		1	0	22.87	0.1936	23.37	0.2173
Highest		1	0	22.69	0.1858	23.19	0.2084
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.21	0.2094	23.71	0.2350
Middle		1	0	23.19	0.2084	23.69	0.2339
Highest		1	0	23.24	0.2109	23.74	0.2366
Lowest	16QAM	1	99	22.31	0.1702	22.81	0.1910
Middle		1	99	22.50	0.1778	23.00	0.1995
Highest		1	99	22.34	0.1714	22.84	0.1923
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 1.4MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.16	0.2070	23.96	0.2489
Middle		3	1	23.08	0.2032	23.88	0.2443
Highest		3	1	22.05	0.1603	22.85	0.1928
Lowest	16QAM	1	3	22.46	0.1762	23.26	0.2118
Middle		1	3	22.36	0.1722	23.16	0.2070
Highest		1	3	21.36	0.1368	22.16	0.1644
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	23.88	0.2443
Middle		1	0	23.11	0.2046	23.91	0.2460
Highest		1	0	22.61	0.1824	23.41	0.2193
Lowest	16QAM	1	0	22.43	0.1750	23.23	0.2104
Middle		1	0	22.42	0.1746	23.22	0.2099
Highest		1	0	22.00	0.1585	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.20	0.2089	24.00	0.2512
Middle		1	0	23.17	0.2075	23.97	0.2495
Highest		1	0	23.03	0.2009	23.83	0.2415
Lowest	16QAM	1	0	22.49	0.1774	23.29	0.2133
Middle		1	0	22.40	0.1738	23.20	0.2089
Highest		1	0	22.29	0.1694	23.09	0.2037
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 10MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.34	0.2158	24.14	0.2594
Middle		1	49	23.29	0.2133	24.09	0.2564
Highest		1	49	23.48	0.2228	24.28	0.2679
Lowest	16QAM	1	49	22.65	0.1841	23.45	0.2213
Middle		1	49	22.60	0.1820	23.40	0.2188
Highest		1	49	21.06	0.1276	21.86	0.1535
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.37	0.2173	24.17	0.2612
Middle		1	74	23.46	0.2218	24.26	0.2667
Highest		1	74	22.08	0.1614	22.88	0.1941
Lowest	16QAM	1	0	22.47	0.1766	23.27	0.2123
Middle		1	0	22.52	0.1786	23.32	0.2148
Highest		1	0	22.68	0.1854	23.48	0.2228
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	23.54	0.2259	24.34	0.2716
Middle		1	99	23.58	0.2280	24.38	0.2742
Highest		1	99	22.13	0.1633	22.93	0.1963
Lowest	16QAM	1	99	22.72	0.1871	23.52	0.2249
Middle		1	99	22.78	0.1897	23.58	0.2280
Highest		1	99	21.57	0.1435	22.37	0.1726
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.25	0.2113	24.25	0.2661
Middle		1	3	23.27	0.2123	24.27	0.2673
Highest		1	3	23.10	0.2042	24.10	0.2570
Lowest	16QAM	1	3	22.38	0.1730	23.38	0.2178
Middle		1	3	22.58	0.1811	23.58	0.2280
Highest		1	3	22.40	0.1738	23.40	0.2188
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.12	0.2051	24.12	0.2582
Middle		1	8	23.26	0.2118	24.26	0.2667
Highest		1	8	23.08	0.2032	24.08	0.2559
Lowest	16QAM	1	14	22.61	0.1824	23.61	0.2296
Middle		1	14	22.48	0.1770	23.48	0.2228
Highest		1	14	22.30	0.1698	23.30	0.2138
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.25	0.2113	24.25	0.2661
Middle		1	0	23.27	0.2123	24.27	0.2673
Highest		1	0	23.21	0.2094	24.21	0.2636
Lowest	16QAM	1	0	22.54	0.1795	23.54	0.2259
Middle		1	0	22.55	0.1799	23.55	0.2265
Highest		1	0	22.47	0.1766	23.47	0.2223
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.26	0.2118	24.26	0.2667
Middle		1	0	23.27	0.2123	24.27	0.2673
Highest		1	0	23.21	0.2094	24.21	0.2636
Lowest	16QAM	1	49	22.62	0.1828	23.62	0.2301
Middle		1	49	22.70	0.1862	23.70	0.2344
Highest		1	49	22.61	0.1824	23.61	0.2296
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.22	0.2099	24.22	0.2642
Middle		1	37	23.18	0.2080	24.18	0.2618
Highest		1	37	23.18	0.2080	24.18	0.2618
Lowest	16QAM	1	37	22.41	0.1742	23.41	0.2193
Middle		1	37	22.32	0.1706	23.32	0.2148
Highest		1	37	22.36	0.1722	23.36	0.2168
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.25	0.2113	24.25	0.2661
Middle		1	0	23.23	0.2104	24.23	0.2649
Highest		1	0	23.28	0.2128	24.28	0.2679
Lowest	16QAM	1	49	22.58	0.1811	23.58	0.2280
Middle		1	49	22.54	0.1795	23.54	0.2259
Highest		1	49	22.46	0.1762	23.46	0.2218
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.26	0.2118	22.41	0.1742
Middle		3	1	23.29	0.2133	22.44	0.1754
Highest		3	1	23.38	0.2178	22.53	0.1791
Lowest	16QAM	1	3	22.79	0.1901	21.94	0.1563
Middle		1	3	22.76	0.1888	21.91	0.1552
Highest		1	3	22.58	0.1811	21.73	0.1489
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.21	0.2094	22.36	0.1722
Middle		1	8	23.29	0.2133	22.44	0.1754
Highest		1	8	23.19	0.2084	22.34	0.1714
Lowest	16QAM	1	14	22.60	0.1820	21.75	0.1496
Middle		1	14	22.89	0.1945	22.04	0.1600
Highest		1	14	22.43	0.1750	21.58	0.1439
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.24	0.2109	22.39	0.1734
Middle		1	0	23.35	0.2163	22.50	0.1778
Highest		1	0	23.33	0.2153	22.48	0.1770
Lowest	16QAM	1	0	22.67	0.1849	21.82	0.1521
Middle		1	0	22.77	0.1892	21.92	0.1556
Highest		1	0	22.83	0.1919	21.98	0.1578
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	23.23	0.2104	22.38	0.1730
Middle		1	25	23.38	0.2178	22.53	0.1791
Highest		1	25	23.36	0.2168	22.51	0.1782
Lowest	16QAM	1	0	22.80	0.1905	21.95	0.1567
Middle		1	0	22.76	0.1888	21.91	0.1552
Highest		1	0	22.23	0.1671	21.38	0.1374
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.75	0.2371	26.25	0.4217
Middle		1.00	0.00	23.51	0.2244	26.01	0.3990
Highest		1.00	0.00	22.90	0.1950	25.40	0.3467
Lowest	16QAM	1.00	12.00	22.93	0.1963	25.43	0.3491
Middle		1.00	12.00	22.65	0.1841	25.15	0.3273
Highest		1.00	12.00	22.10	0.1622	24.60	0.2884
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.88	0.2443	26.38	0.4345
Middle		1.00	0.00	23.79	0.2393	26.29	0.4256
Highest		1.00	0.00	23.27	0.2123	25.77	0.3776
Lowest	16QAM	1.00	0.00	22.93	0.1963	25.43	0.3491
Middle		1.00	0.00	22.82	0.1914	25.32	0.3404
Highest		1.00	0.00	22.52	0.1786	25.02	0.3177
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	37.00	23.80	0.2399	26.30	0.4266
Middle		1.00	37.00	23.15	0.2065	25.65	0.3673
Highest		1.00	37.00	23.25	0.2113	25.75	0.3758
Lowest	16QAM	1.00	0.00	22.93	0.1963	25.43	0.3491
Middle		1.00	0.00	22.88	0.1941	25.38	0.3451
Highest		1.00	0.00	22.27	0.1687	24.77	0.2999
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.88	0.2443	26.38	0.4345
Middle		1.00	0.00	23.70	0.2344	26.20	0.4169
Highest		1.00	0.00	23.68	0.2333	26.18	0.4150
Lowest	16QAM	1.00	0.00	22.92	0.1959	25.42	0.3483
Middle		1.00	0.00	22.93	0.1963	25.43	0.3491
Highest		1.00	0.00	22.69	0.1858	25.19	0.3304
Limit	EIRP < 2W			Result		PASS	

LTE Band 12 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	23.39	0.2183	20.24	0.1057
Middle		3	3	23.31	0.2143	20.16	0.1038
Highest		3	3	23.27	0.2123	20.12	0.1028
Lowest	16QAM	1	0	22.57	0.1807	19.42	0.0875
Middle		1	0	22.70	0.1862	19.55	0.0902
Highest		1	0	22.42	0.1746	19.27	0.0845
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	23.36	0.2168	20.21	0.1050
Middle		1	14	23.24	0.2109	20.09	0.1021
Highest		1	14	23.15	0.2065	20.00	0.1000
Lowest	16QAM	1	14	22.72	0.1871	19.57	0.0906
Middle		1	14	22.90	0.1950	19.75	0.0944
Highest		1	14	22.53	0.1791	19.38	0.0867
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.13	0.2056	19.98	0.0995
Middle		1	12	23.36	0.2168	20.21	0.1050
Highest		1	12	23.08	0.2032	19.93	0.0984
Lowest	16QAM	1	12	22.63	0.1832	19.48	0.0887
Middle		1	12	22.74	0.1879	19.59	0.0910
Highest		1	12	22.39	0.1734	19.24	0.0839
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	23.41	0.2193	20.26	0.1062
Middle		1	49	23.47	0.2223	20.32	0.1076
Highest		1	49	23.29	0.2133	20.14	0.1033
Lowest	16QAM	1	0	22.62	0.1828	19.47	0.0885
Middle		1	0	22.67	0.1849	19.52	0.0895
Highest		1	0	22.85	0.1928	19.70	0.0933
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 5MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.77	0.1892	22.12	0.1629
Middle		1	24	23.23	0.2104	22.58	0.1811
Highest		1	24	22.47	0.1766	21.82	0.1521
Lowest	16QAM	1	24	22.79	0.1901	22.14	0.1637
Middle		1	24	22.68	0.1854	22.03	0.1596
Highest		1	24	22.70	0.1862	22.05	0.1603
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.43	0.2203	22.78	0.1897
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	49	22.77	0.1892	22.12	0.1629
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	

LTE Band 41 / 5MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.41	0.2193	25.91	0.3899
Middle		1.00	0.00	23.27	0.2123	25.77	0.3776
Highest		1.00	0.00	23.02	0.2004	25.52	0.3565
Lowest	16QAM	1.00	24.00	22.51	0.1782	25.01	0.3170
Middle		1.00	24.00	22.12	0.1629	24.62	0.2897
Highest		1.00	24.00	21.89	0.1545	24.39	0.2748
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.36	0.2168	25.86	0.3855
Middle		1.00	0.00	23.14	0.2061	25.64	0.3664
Highest		1.00	0.00	22.88	0.1941	25.38	0.3451
Lowest	16QAM	1.00	0.00	22.49	0.1774	24.99	0.3155
Middle		1.00	0.00	22.35	0.1718	24.85	0.3055
Highest		1.00	0.00	21.90	0.1549	24.40	0.2754
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.39	0.2183	25.89	0.3882
Middle		1.00	0.00	23.17	0.2075	25.67	0.3690
Highest		1.00	0.00	22.40	0.1738	24.90	0.3090
Lowest	16QAM	1.00	37.00	22.46	0.1762	24.96	0.3133
Middle		1.00	37.00	21.78	0.1507	24.28	0.2679
Highest		1.00	37.00	21.77	0.1503	24.27	0.2673
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 20MHz (Average) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.42	0.2198	25.92	0.3908
Middle		1.00	0.00	23.07	0.2028	25.57	0.3606
Highest		1.00	0.00	22.88	0.1941	25.38	0.3451
Lowest	16QAM	1.00	0.00	22.45	0.1758	24.95	0.3126
Middle		1.00	0.00	22.48	0.1770	24.98	0.3148
Highest		1.00	0.00	21.82	0.1521	24.32	0.2704
Limit	EIRP < 2W			Result		PASS	

LTE Band 26 / 1.4MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	22.93	0.1963	22.28	0.1690
Middle		1	3	22.63	0.1832	21.98	0.1578
Highest		1	3	22.47	0.1766	21.82	0.1521
Lowest	16QAM	1	3	22.20	0.1660	21.55	0.1429
Middle		1	3	21.89	0.1545	21.24	0.1330
Highest		1	3	21.72	0.1486	21.07	0.1279
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	22.92	0.1959	22.27	0.1687
Middle		1	14	22.73	0.1875	22.08	0.1614
Highest		1	14	22.45	0.1758	21.80	0.1514
Lowest	16QAM	1	14	22.19	0.1656	21.54	0.1426
Middle		1	14	22.46	0.1762	21.81	0.1517
Highest		1	14	21.77	0.1503	21.12	0.1294
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.81	0.1910	22.16	0.1644
Middle		1	0	22.80	0.1905	22.15	0.1641
Highest		1	0	22.75	0.1884	22.10	0.1622
Lowest	16QAM	1	24	22.23	0.1671	21.58	0.1439
Middle		1	24	21.97	0.1574	21.32	0.1355
Highest		1	24	21.87	0.1538	21.22	0.1324
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 10MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.72	0.1871	22.07	0.1611
Middle		1	25	22.55	0.1799	21.90	0.1549
Highest		1	25	22.42	0.1746	21.77	0.1503
Lowest	16QAM	1	0	22.11	0.1626	21.46	0.1400
Middle		1	0	21.85	0.1531	21.20	0.1318
Highest		1	0	22.29	0.1694	21.64	0.1459
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	37	22.91	0.1954	22.26	0.1683
Middle		1	37	22.97	0.1982	22.32	0.1706
Highest		1	37	22.63	0.1832	21.98	0.1578
Lowest	16QAM	1	37	21.99	0.1581	21.34	0.1361
Middle		1	37	21.82	0.1521	21.17	0.1309
Highest		1	37	21.73	0.1489	21.08	0.1282
Limit	ERP < 7W			Result		PASS	

LTE Band 38 / 5MHz (Peak) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.24	0.2109	25.74	0.3750
Middle		1.00	0.00	23.01	0.2000	25.51	0.3556
Highest		1.00	0.00	23.06	0.2023	25.56	0.3597
Lowest	16QAM	1.00	12.00	22.29	0.1694	24.79	0.3013
Middle		1.00	12.00	22.00	0.1585	24.50	0.2818
Highest		1.00	12.00	22.04	0.1600	24.54	0.2844
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.34	0.2158	25.84	0.3837
Middle		1.00	0.00	23.08	0.2032	25.58	0.3614
Highest		1.00	0.00	23.07	0.2028	25.57	0.3606
Lowest	16QAM	1.00	0.00	22.41	0.1742	24.91	0.3097
Middle		1.00	0.00	22.10	0.1622	24.60	0.2884
Highest		1.00	0.00	22.13	0.1633	24.63	0.2904
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.51	0.2244	26.01	0.3990
Middle		1.00	0.00	23.36	0.2168	25.86	0.3855
Highest		1.00	0.00	23.32	0.2148	25.82	0.3819
Lowest	16QAM	1.00	0.00	22.56	0.1803	25.06	0.3206
Middle		1.00	0.00	22.45	0.1758	24.95	0.3126
Highest		1.00	0.00	22.36	0.1722	24.86	0.3062
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 20MHz (Peak) (GT - LC = 2.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.66	0.2323	26.16	0.4130
Middle		1.00	0.00	23.55	0.2265	26.05	0.4027
Highest		1.00	0.00	23.46	0.2218	25.96	0.3945
Lowest	16QAM	1.00	0.00	22.68	0.1854	25.18	0.3296
Middle		1.00	0.00	22.66	0.1845	25.16	0.3281
Highest		1.00	0.00	22.55	0.1799	25.05	0.3199
Limit	EIRP < 2W			Result		PASS	

LTE Band 66 / 1.4MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.05	0.2018	24.05	0.2541
Middle		1	3	23.20	0.2089	24.20	0.2630
Highest		1	3	23.09	0.2037	24.09	0.2564
Lowest	16QAM	1	3	22.35	0.1718	23.35	0.2163
Middle		1	3	22.45	0.1758	23.45	0.2213
Highest		1	3	22.41	0.1742	23.41	0.2193
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	24.01	0.2518
Middle		1	0	23.15	0.2065	24.15	0.2600
Highest		1	0	23.14	0.2061	24.14	0.2594
Lowest	16QAM	1	0	22.32	0.1706	23.32	0.2148
Middle		1	0	22.46	0.1762	23.46	0.2218
Highest		1	0	22.52	0.1786	23.52	0.2249
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.09	0.2037	24.09	0.2564
Middle		1	0	23.19	0.2084	24.19	0.2624
Highest		1	0	23.18	0.2080	24.18	0.2618
Lowest	16QAM	1	12	22.36	0.1722	23.36	0.2168
Middle		1	12	22.41	0.1742	23.41	0.2193
Highest		1	12	22.46	0.1762	23.46	0.2218
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.26	0.2118	24.26	0.2667
Middle		1	49	23.29	0.2133	24.29	0.2685
Highest		1	49	23.27	0.2123	24.27	0.2673
Lowest	16QAM	1	49	22.68	0.1854	23.68	0.2333
Middle		1	49	22.71	0.1866	23.71	0.2350
Highest		1	49	22.58	0.1811	23.58	0.2280
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.27	0.2123	24.27	0.2673
Middle		1	37	23.22	0.2099	24.22	0.2642
Highest		1	37	23.17	0.2075	24.17	0.2612
Lowest	16QAM	1	37	22.52	0.1786	23.52	0.2249
Middle		1	37	22.43	0.1750	23.43	0.2203
Highest		1	37	22.46	0.1762	23.46	0.2218
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.22	0.2099	24.22	0.2642
Middle		1	49	23.30	0.2138	24.30	0.2692
Highest		1	49	23.38	0.2178	24.38	0.2742
Lowest	16QAM	1	49	22.54	0.1795	23.54	0.2259
Middle		1	49	22.59	0.1816	23.59	0.2286
Highest		1	49	21.90	0.1549	22.90	0.1950
Limit	EIRP < 1W			Result		PASS	

Radiated Spurious Emission

LTE Band 2

LTE Band 2 / 20MHz / QPSK									
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)
Lowest	3700	-54.78	-13	-41.78	-74.97	-66.57	0.73	12.52	H
	5553	-46.80	-13	-33.80	-72.05	-58.97	1.00	13.17	H
	7403	-46.71	-13	-33.71	-75.05	-56.1	1.18	10.57	H
									H
									H
									H
									H
	3700	-54.91	-13	-41.91	-75.24	-66.7	0.73	12.52	V
	5553	-50.05	-13	-37.05	-74.82	-62.22	1.00	13.17	V
	7403	-46.60	-13	-33.60	-74.8	-55.99	1.18	10.57	V
									V
									V
									V
									V

Middle	3742	-54.86	-13	-41.86	-75.19	-65.12	2.00	12.25	H
	5611	-50.28	-13	-37.28	-75.37	-60.51	2.13	12.36	H
	7487	-46.67	-13	-33.67	-74.74	-54.57	2.12	10.02	H
									H
									H
									H
									H
	3742	-54.81	-13	-41.81	-75.32	-65.07	2.00	12.25	V
	5611	-51.63	-13	-38.63	-76.42	-61.86	2.13	12.36	V
	7487	-46.76	-13	-33.76	-74.73	-54.66	2.12	10.02	V
									V
									V
									V
									V
Highest	3784	-54.53	-13	-41.53	-75.05	-66.34	0.68	12.49	H
	5674	-50.77	-13	-37.77	-76.19	-62.88	0.99	13.10	H
	7564	-47.16	-13	-34.16	-74.83	-56.56	1.18	10.58	H
									H
									H
									H
									H
	3784	-54.26	-13	-41.26	-75.03	-66.07	0.68	12.49	V
	5674	-51.30	-13	-38.30	-76.23	-63.41	0.99	13.10	V
	7564	-47.38	-13	-34.38	-75.01	-56.78	1.18	10.58	V
									V
									V
									V
									V

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

LTE Band 4

LTE Band 4 / 20MHz / QPSK									
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)
Lowest	3434	-56.15	-13	-43.15	-74.55	-67.78	0.77	12.40	H
	5149	-51.97	-13	-38.97	-76.01	-63.49	0.98	12.50	H
	6862	-47.97	-13	-34.97	-75.25	-58.72	0.85	11.60	H
									H
									H
									H
									H
	3434	-55.39	-13	-42.39	-74.2	-67.02	0.77	12.40	V
	5149	-52.20	-13	-39.20	-76.01	-63.72	0.98	12.50	V
	6862	-48.48	-13	-35.48	-75.35	-59.23	0.85	11.60	V
									V
									V
									V
									V
Middle	3462	-53.34	-13	-40.34	-72.07	-65.05	0.78	12.49	H
	5184	-52.08	-13	-39.08	-76.12	-63.66	0.99	12.57	H
	6913	-47.56	-13	-34.56	-75.09	-58.08	0.97	11.49	H
									H
									H
									H
									H
	3462	-54.98	-13	-41.98	-74.09	-66.69	0.78	12.49	V
	5184	-52.43	-13	-39.43	-76.29	-64.01	0.99	12.57	V
	6913	-48.30	-13	-35.30	-75.38	-58.82	0.97	11.49	V
									V
									V
									V
									V

Highest	3490	-53.97	-13	-40.97	-72.84	-65.09	1.36	12.48	H
	5205	-53.00	-13	-40.00	-77.05	-64.22	1.66	12.89	H
	6944	-47.56	-13	-34.56	-75.25	-57.81	1.73	11.98	H
									H
									H
									H
									H
	3490	-55.36	-13	-42.36	-74.6	-66.48	1.36	12.48	V
	5205	-53.46	-13	-40.46	-77.35	-64.68	1.66	12.89	V
	6944	-47.77	-13	-34.77	-75	-58.02	1.73	11.98	V
									V
									V
									V
									V

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

LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
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)
Lowest	1648	-61.92	-13	-48.92	-73.15	-68.87	0.53	9.63	H
	2472	-47.09	-13	-34.09	-63.1	-55.07	0.65	10.78	H
	3296	-56.34	-13	-43.34	-74.07	-65.42	0.76	11.99	H
									H
									H
									H
									H
	1648	-62.56	-13	-49.56	-73.25	-69.51	0.53	9.63	V
	2472	-54.49	-13	-41.49	-70.69	-62.47	0.65	10.78	V
	3296	-56.34	-13	-43.34	-74.53	-65.42	0.76	11.99	V
									V
									V
									V
									V
Middle	1675	-61.54	-13	-48.54	-72.84	-68.54	0.53	9.69	H
	2512	-46.38	-13	-33.38	-62.42	-54.38	0.66	10.81	H
	3349	-56.65	-13	-43.65	-74.26	-65.88	0.76	12.15	H
									H
									H
									H
									H
	1675	-62.38	-13	-49.38	-73.02	-69.38	0.53	9.69	V
	2512	-50.52	-13	-37.52	-66.74	-58.52	0.66	10.81	V
	3349	-56.44	-13	-43.44	-74.5	-65.67	0.76	12.15	V
									V
									V
									V
									V

Highest	1696	-61.63	-13	-48.63	-73	-68.68	0.53	9.73	H
	2544	-49.10	-13	-36.10	-65.14	-57.11	0.67	10.83	H
	3392	-57.01	-13	-44.01	-74.48	-66.37	0.77	12.28	H
									H
									H
									H
									H
	1696	-62.14	-13	-49.14	-72.77	-69.19	0.53	9.73	V
	2544	-53.92	-13	-40.92	-70.05	-61.93	0.67	10.83	V
	3392	-56.68	-13	-43.68	-74.58	-66.04	0.77	12.28	V
									V
									V
									V
									V

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

LTE Band 7

LTE Band 7 / 10MHz / QPSK									
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)
Lowest	5004	-57.19	-25	-32.19	-54.67	-66.93	2.36	12.10	H
	7500	-46.62	-25	-21.62	-49.18	-54.50	2.12	10.00	H
	9999	-51.47	-25	-26.47	-57.02	-61.47	1.80	11.80	H
	12501	-53.65	-25	-28.65	-63.25	-64.40	2.55	13.30	H
									H
									H
									H
	5004	-58.64	-25	-33.64	-55.69	-68.38	2.36	12.10	V
	7500	-48.76	-25	-23.76	-51.29	-56.64	2.12	10.00	V
	9999	-54.08	-25	-29.08	-60.43	-64.08	1.80	11.80	V
	12501	-53.65	-25	-28.65	-64.5	-64.40	2.55	13.30	V
									V
									V
									V
Middle	5064	-59.68	-25	-34.68	-57.34	-69.46	2.33	12.11	H
	7590	-38.85	-25	-13.85	-40.92	-47.06	2.11	10.32	H
	10125	-44.03	-25	-19.03	-49.97	-53.88	2.00	11.85	H
	12654	-51.58	-25	-26.58	-61.53	-62.16	2.54	13.12	H
									H
									H
									H
	5064	-59.28	-25	-34.28	-56.58	-69.06	2.33	12.11	V
	7590	-40.87	-25	-15.87	-42.89	-49.08	2.11	10.32	V
	10125	-49.06	-25	-24.06	-55.51	-58.91	2.00	11.85	V
	12654	-51.80	-25	-26.80	-63.07	-62.38	2.54	13.12	V
									V
									V
									V

Highest	5124	-57.80	-25	-32.80	-55.63	-67.62	2.31	12.12	H
	7680	-40.22	-25	-15.22	-42.32	-48.75	2.11	10.65	H
	10242	-45.43	-25	-20.43	-51.71	-55.14	2.18	11.90	H
	12807	-53.95	-25	-28.95	-64.24	-64.36	2.53	12.93	H
									H
									H
									H
	5124	-60.75	-25	-35.75	-58.33	-70.57	2.31	12.12	V
	7680	-42.35	-25	-17.35	-44.29	-50.88	2.11	10.65	V
	10242	-49.96	-25	-24.96	-56.5	-59.67	2.18	11.90	V
	12807	-53.57	-25	-28.57	-65.25	-63.98	2.53	12.93	V
									V
									V
									V

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

LTE Band 12

LTE Band 12 / 10MHz / QPSK									
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)
Lowest	1400	-60.15	-13	-47.15	-72.42	-64.59	1.15	7.74	H
	2098	-58.54	-13	-45.54	-73.90	-65.19	1.38	10.18	H
	2798	-57.92	-13	-44.92	-74.71	-65.06	1.45	10.74	H
									H
									H
									H
									H
	1400	-61.36	-13	-48.36	-72.40	-65.80	1.15	7.74	V
	2098	-59.67	-13	-46.67	-73.93	-66.32	1.38	10.18	V
	2798	-57.67	-13	-44.67	-74.40	-64.81	1.45	10.74	V
									V
									V
									V
									V
Middle	1415	-60.93	-13	-47.93	-73.20	-67.07	0.50	8.79	H
	2123	-58.81	-13	-45.81	-74.48	-66.57	0.59	10.50	H
	2830	-57.71	-13	-44.71	-74.63	-65.85	0.71	11.00	H
									H
									H
									H
									H
	1415	-61.95	-13	-48.95	-72.99	-68.09	0.50	8.79	V
	2123	-59.85	-13	-46.85	-74.39	-67.61	0.59	10.50	V
	2830	-57.13	-13	-44.13	-74.03	-65.27	0.71	11.00	V
									V
									V
									V
									V

Highest	1422	-61.06	-13	-48.06	-73.28	-67.24	0.50	8.83	H
	2133	-58.17	-13	-45.17	-74.12	-65.93	0.59	10.51	H
	2844	-57.61	-13	-44.61	-74.53	-65.75	0.71	11.01	H
									H
									H
									H
									H
	1422	-62.38	-13	-49.38	-73.40	-68.56	0.50	8.83	V
	2133	-59.31	-13	-46.31	-74.11	-67.07	0.59	10.51	V
	2844	-57.66	-13	-44.66	-74.56	-65.80	0.71	11.01	V
									V
									V
									V
									V

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

LTE Band 13

LTE Band 13 / 5MHz / QPSK									
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)
Lowest	1557	-62.16	-13	-49.16	-73.53	-67.44	0.89	8.32	H
	2335	-57.50	-13	-44.50	-73.76	-64.71	1.11	10.47	H
	3114	-56.87	-13	-43.87	-74.69	-65.00	1.29	11.57	H
									H
									H
									H
									H
	1557	-62.61	-13	-49.61	-73.38	-67.89	0.89	8.32	V
	2335	-58.10	-13	-45.10	-73.99	-65.31	1.11	10.47	V
	3114	-56.28	-13	-43.28	-74.44	-64.41	1.29	11.57	V
									V
									V
									V
									V
Middle	1562	-61.53	-42.15	-19.38	-72.90	-66.82	0.89	8.34	H
	2343	-57.65	-13	-44.65	-73.92	-64.86	1.12	10.48	H
	3124	-56.71	-13	-43.71	-74.56	-64.87	1.29	11.60	H
									H
									H
									H
									H
	1562	-62.35	-42.15	-20.20	-73.12	-67.64	0.89	8.34	V
	2343	-58.00	-13	-45.00	-73.90	-65.21	1.12	10.48	V
	3124	-56.50	-13	-43.50	-74.73	-64.66	1.29	11.60	V
									V
									V
									V
									V

Highest	1567	-61.82	-42.15	-19.67	-73.19	-68.60	0.52	9.45	H
	2350	-57.93	-13	-44.93	-74.20	-65.83	0.63	10.68	H
	3134	-56.88	-13	-43.88	-74.75	-65.49	0.74	11.50	H
									H
									H
									H
									H
	1567	-62.83	-42.15	-20.68	-73.60	-69.61	0.52	9.45	V
	2350	-57.87	-13	-44.87	-73.77	-65.77	0.63	10.68	V
	3134	-56.47	-13	-43.47	-74.75	-65.08	0.74	11.50	V
									V
									V
									V
									V

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

LTE Band 13 / 10MHz / QPSK									
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	1560	-62.22	-42.15	-20.07	-73.59	-67.51	0.89	8.33	H
	2339	-57.73	-13	-44.73	-74	-64.94	1.11	10.47	H
	3119	-56.95	-13	-43.95	-74.8	-65.09	1.29	11.59	H
									H
									H
									H
									H
	1560	-62.47	-42.15	-20.32	-73.24	-67.76	0.89	8.33	V
	2339	-57.72	-13	-44.72	-73.62	-64.93	1.11	10.47	V
	3119	-56.43	-13	-43.43	-74.66	-64.57	1.29	11.59	V
									V
									V
									V
									V

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

LTE Band 25

LTE Band 25 / 20MHz / QPSK									
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)
Lowest	3738	-54.41	-13	-41.41	-74.74	-66.21	0.70	12.50	H
	5607	-48.11	-13	-35.11	-73.2	-60.27	0.98	13.14	H
	7476	-46.39	-13	-33.39	-74.45	-55.65	1.18	10.44	H
									H
									H
									H
									H
	3738	-54.42	-13	-41.42	-74.93	-66.22	0.70	12.50	V
	5607	-49.73	-13	-36.73	-74.52	-61.89	0.98	13.14	V
	7476	-45.95	-13	-32.95	-73.96	-55.21	1.18	10.44	V
									V
									V
									V
									V
Middle	3777	-54.68	-13	-41.68	-75.13	-65.91	1.43	12.67	H
	5667	-50.95	-13	-37.95	-76.37	-62.52	1.73	13.30	H
	7556	-47.23	-13	-34.23	-74.9	-56.34	2.00	11.11	H
									H
									H
									H
									H
	3777	-54.40	-13	-41.40	-75.07	-65.63	1.43	12.67	V
	5667	-51.54	-13	-38.54	-76.47	-63.11	1.73	13.30	V
	7556	-47.38	-13	-34.38	-75.01	-56.49	2.00	11.11	V
									V
									V
									V
									V

Highest	3828	-54.70	-13	-41.70	-75.34	-66.47	0.70	12.47	H
	5742	-50.47	-13	-37.47	-76.2	-62.53	0.99	13.05	H
	7656	-46.61	-13	-33.61	-74.1	-56.26	1.18	10.84	H
									H
									H
									H
									H
	3828	-54.44	-13	-41.44	-75.32	-66.21	0.70	12.47	V
	5742	-51.21	-13	-38.21	-76.26	-63.27	0.99	13.05	V
	7656	-47.37	-13	-34.37	-74.72	-57.02	1.18	10.84	V
									V
									V
									V
									V

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

LTE Band 26

Part 22H LTE Band 26 / 15MHz / QPSK									
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)
Lowest	1664	-62.41	-13	-49.41	-73.69	-69.39	0.53	9.66	H
	2496	-47.24	-13	-34.24	-63.28	-55.23	0.65	10.80	H
	3328	-56.87	-13	-43.87	-74.51	-66.04	0.76	12.08	H
									H
									H
									H
									H
	1664	-63.08	-13	-50.08	-73.76	-70.06	0.53	9.66	V
	2496	-53.83	-13	-40.83	-70.09	-61.82	0.65	10.80	V
	3328	-56.09	-13	-43.09	-74.19	-65.26	0.76	12.08	V
									V
									V
									V
									V
Middle	1672	-61.03	-13	-48.03	-72.34	-66.50	1.24	8.85	H
	2512	-44.75	-13	-31.75	-60.79	-51.67	1.44	10.51	H
	3346	-56.77	-13	-43.77	-74.38	-64.81	1.74	11.94	H
									H
									H
									H
									H
	1672	-61.71	-13	-48.71	-72.36	-67.18	1.24	8.85	V
	2512	-48.78	-13	-35.78	-65	-55.70	1.44	10.51	V
	3346	-56.56	-13	-43.56	-74.62	-64.60	1.74	11.94	V
									V
									V
									V
									V

Highest	1680	-61.70	-13	-48.70	-73.04	-68.72	0.53	9.70	H
	2520	-43.88	-13	-30.88	-59.92	-51.88	0.66	10.81	H
	3360	-57.00	-13	-44.00	-74.56	-66.26	0.77	12.18	H
									H
									H
									H
									H
	1680	-61.87	-13	-48.87	-72.55	-68.89	0.53	9.70	V
	2520	-53.20	-13	-40.20	-69.42	-61.2	0.66	10.81	V
	3360	-56.69	-13	-43.69	-74.69	-65.95	0.77	12.18	V
									V
									V
									V
									V

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

LTE Band 38

LTE Band 38 / 20MHz / QPSK									
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)
Lowest	5142	-55.74	-25	-30.74	-53.63	-65.57	2.30	12.13	H
	7716	-45.78	-25	-20.78	-47.88	-54.44	2.11	10.78	H
	10287	-56.39	-25	-31.39	-62.77	-66.05	2.25	11.91	H
	12852	-54.81	-25	-29.81	-65.17	-65.17	2.52	12.88	H
									H
									H
									H
	5142	-54.39	-25	-29.39	-52.05	-64.22	2.30	12.13	V
	7716	-44.49	-25	-19.49	-46.4	-53.15	2.11	10.78	V
	10287	-55.57	-25	-30.57	-62.13	-65.23	2.25	11.91	V
	12852	-51.32	-25	-26.32	-63.09	-61.68	2.52	12.88	V
									V
									V
									V
Middle	5172	-57.67	-25	-32.67	-55.65	-69.23	0.98	12.54	H
	7758	-42.35	-25	-17.35	-44.47	-52.28	1.19	11.12	H
	10341	-56.11	-25	-31.11	-62.65	-66.16	1.40	11.45	H
	12933	-54.20	-25	-29.20	-64.76	-66.77	1.45	14.02	H
									H
									H
									H
	5172	-57.73	-25	-32.73	-55.5	-69.29	0.98	12.54	V
	7758	-43.06	-25	-18.06	-44.92	-52.99	1.19	11.12	V
	10341	-54.70	-25	-29.70	-61.31	-64.75	1.40	11.45	V
	12933	-50.23	-25	-25.23	-62.24	-62.8	1.45	14.02	V
									V
									V
									V

Highest	5202	-58.74	-25	-33.74	-59.74	-70.35	0.99	12.60	H
	7806	-42.56	-25	-17.56	-43.56	-52.63	1.19	11.26	H
	10404	-54.75	-25	-29.75	-55.75	-64.68	1.41	11.33	H
	13005	-54.65	-25	-29.65	-55.65	-67.1	1.44	13.89	H
									H
									H
									H
	5202	-60.08	-25	-35.08	-57.99	-71.69	0.99	12.60	V
	7806	-43.53	-25	-18.53	-45.36	-53.6	1.19	11.26	V
	10404	-55.11	-25	-30.11	-61.76	-65.04	1.41	11.33	V
	13005	-52.13	-25	-27.13	-64.32	-64.58	1.44	13.89	V
									V
									V
									V

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

LTE Band 41

LTE Band 41 / 20MHz / QPSK									
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)
Lowest	4994	-57.06	-25	-32.06	-54.51	-66.80	2.36	12.10	H
	7491	-51.89	-25	-26.89	-54.47	-59.79	2.12	10.02	H
	9988	-55.11	-25	-30.11	-60.66	-65.10	1.81	11.80	H
	12485	-56.76	-25	-31.76	-66.31	-67.48	2.55	13.27	H
	14982	-55.14	-25	-30.14	-69.06	-65.54	2.66	13.06	H
	17479	-47.88	-25	-22.88	-68.4	-58.23	2.34	12.69	H
									H
	4994	-57.45	-25	-32.45	-54.45	-67.19	2.36	12.10	V
	7491	-52.85	-25	-27.85	-55.4	-60.75	2.12	10.02	V
	9988	-51.03	-25	-26.03	-57.38	-61.02	1.81	11.80	V
	12485	-53.80	-25	-28.80	-64.6	-64.52	2.55	13.27	V
	14982	-56.66	-25	-31.66	-68.09	-67.06	2.66	13.06	V
	17479	-51.33	-25	-26.33	-69.64	-61.68	2.34	12.69	V
									V
Middle	5168	-59.72	-25	-34.72	-57.69	-71.27	0.98	12.54	H
	7752	-41.89	-25	-16.89	-44	-51.81	1.19	11.11	H
	10332	-57.28	-25	-32.28	-63.81	-67.35	1.40	11.47	H
	12924	-56.49	-25	-31.49	-67	-69.08	1.45	14.04	H
									H
									H
									H
	5168	-57.27	-25	-32.27	-55.03	-68.82	0.98	12.54	V
	7752	-44.47	-25	-19.47	-46.35	-54.39	1.19	11.11	V
	10332	-54.25	-25	-29.25	-60.85	-64.32	1.40	11.47	V
	12924	-52.00	-25	-27.00	-63.95	-64.59	1.45	14.04	V
									V
									V
									V

Highest	5340	-57.95	-25	-32.95	-56.82	-69.78	1.05	12.88	H
	8016	-46.99	-25	-21.99	-50.37	-57.59	1.20	11.80	H
	10683	-56.93	-25	-31.93	-64.23	-66.3	1.43	10.80	H
									H
									H
									H
									H
	5340	-60.60	-25	-35.60	-59.13	-72.43	1.05	12.88	V
	8016	-50.83	-25	-25.83	-54.11	-61.43	1.20	11.80	V
	10683	-56.90	-25	-31.90	-63.95	-66.27	1.43	10.80	V
									V
									V
									V
									V

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

LTE Band 66

LTE Band 66 / 20MHz / QPSK									
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)
Lowest	3431	-54.99	-13	-41.99	-73.39	-66.61	0.77	12.39	H
	5147	-52.02	-13	-39.02	-76.06	-63.54	0.98	12.49	H
	6862	-47.64	-13	-34.64	-74.92	-58.39	0.85	11.60	H
									H
									H
									H
									H
	3431	-53.80	-13	-40.80	-72.61	-65.42	0.77	12.39	V
	5147	-52.17	-13	-39.17	-75.98	-63.69	0.98	12.49	V
	6862	-48.49	-13	-35.49	-75.36	-59.24	0.85	11.60	V
									V
									V
									V
									V
Middle	3490	-55.32	-13	-42.32	-74.19	-66.44	1.36	12.48	H
	5205	-52.06	-13	-39.06	-76.11	-63.28	1.66	12.89	H
	6944	-47.54	-13	-34.54	-75.23	-57.79	1.73	11.98	H
									H
									H
									H
									H
	3490	-53.37	-13	-40.37	-72.61	-64.49	1.36	12.48	V
	5205	-52.27	-13	-39.27	-76.16	-63.49	1.66	12.89	V
	6944	-47.50	-13	-34.50	-74.73	-57.75	1.73	11.98	V
									V
									V
									V
									V

Highest	3531	-55.09	-13	-42.09	-74.38	-66.90	0.78	12.59	H
	5297	-51.64	-13	-38.64	-76.02	-63.41	1.03	12.79	H
	7062	-46.79	-13	-33.79	-74.91	-56.81	1.17	11.19	H
									H
									H
									H
									H
	3531	-54.65	-13	-41.65	-74.18	-66.46	0.78	12.59	V
	5297	-51.95	-13	-38.95	-76.04	-63.72	1.03	12.79	V
	7062	-46.85	-13	-33.85	-74.55	-56.87	1.17	11.19	V
									V
									V
									V
									V

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