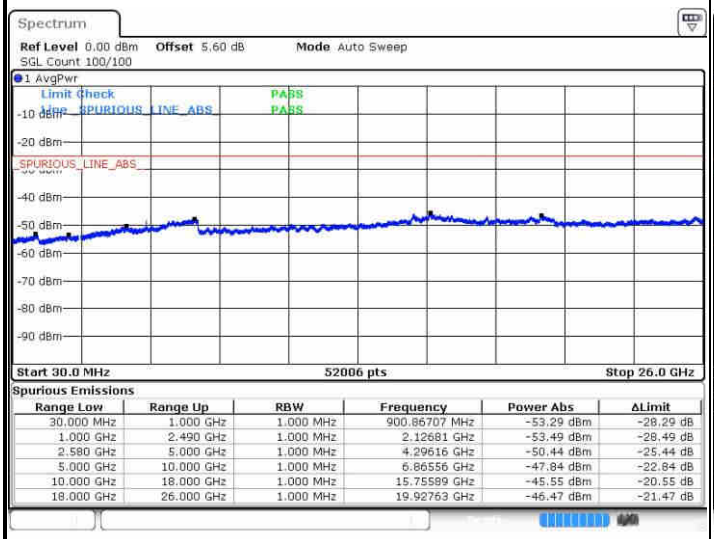
LTE Band 7 / 10MHz

Middle Channel / QPSK

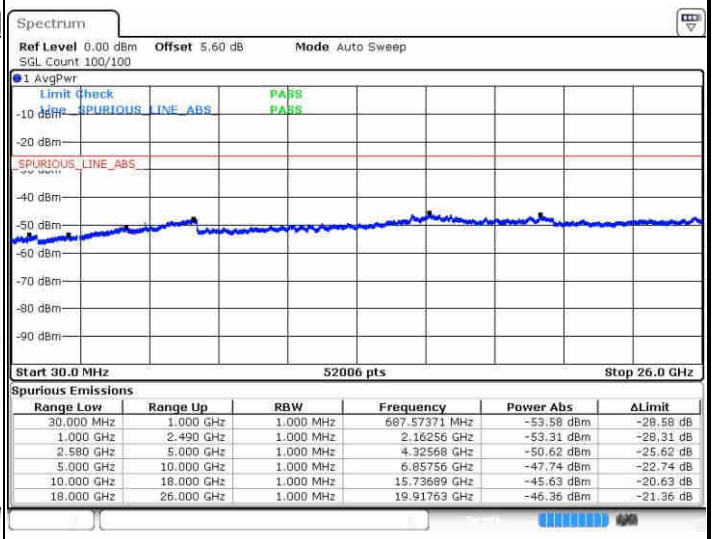


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-53.29 dBm	-28.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12681 GHz	-53.49 dBm	-28.49 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29616 GHz	-50.44 dBm	-25.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86556 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75589 GHz	-45.55 dBm	-20.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92763 GHz	-46.47 dBm	-21.47 dB

Date: 29.MAR.2017 01:18:55

Middle Channel / 16QAM

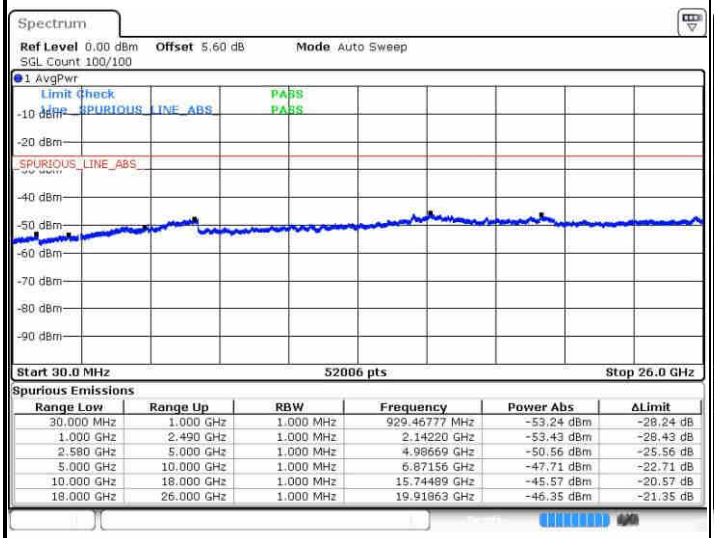


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	687.57371 MHz	-53.58 dBm	-28.58 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16256 GHz	-53.31 dBm	-28.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32568 GHz	-50.62 dBm	-25.62 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85756 GHz	-47.74 dBm	-22.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73689 GHz	-45.63 dBm	-20.63 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91763 GHz	-46.36 dBm	-21.36 dB

Date: 29.MAR.2017 01:18:00

Highest Channel / QPSK

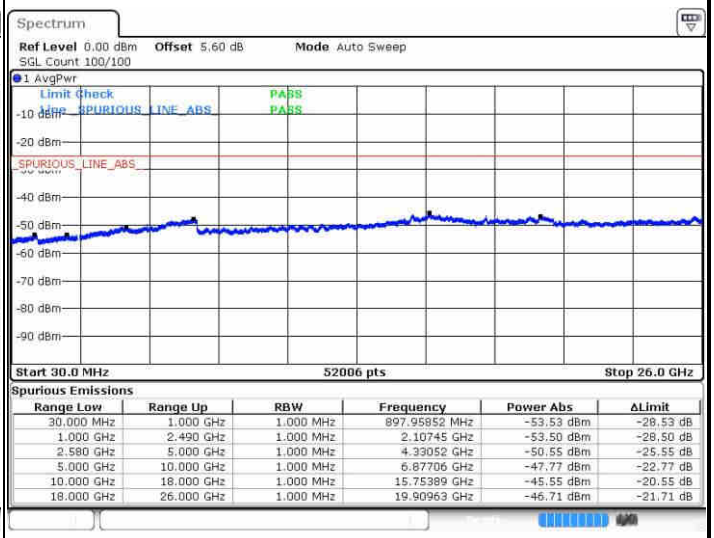


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-53.24 dBm	-28.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14220 GHz	-53.43 dBm	-28.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-50.56 dBm	-25.56 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87156 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74489 GHz	-45.57 dBm	-20.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91863 GHz	-46.35 dBm	-21.35 dB

Date: 29.MAR.2017 01:19:49

Highest Channel / 16QAM



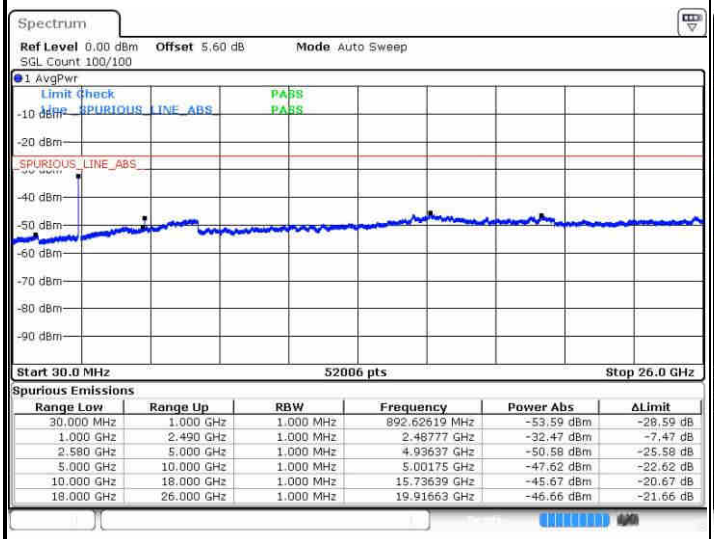
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-53.53 dBm	-28.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.10745 GHz	-53.50 dBm	-28.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33052 GHz	-50.55 dBm	-25.55 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87706 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75389 GHz	-45.55 dBm	-20.55 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90963 GHz	-46.71 dBm	-21.71 dB

Date: 29.MAR.2017 01:20:43

LTE Band 7 / 15MHz

Lowest Channel / QPSK

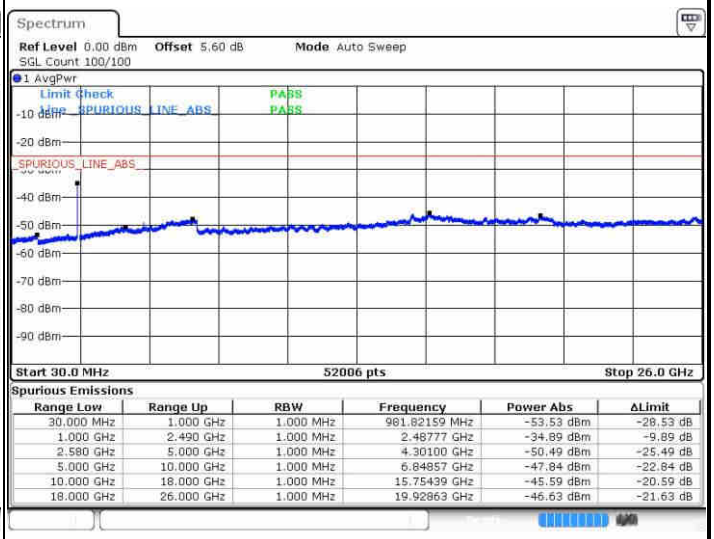


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-53.59 dBm	-28.59 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-32.47 dBm	-7.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.93637 GHz	-50.58 dBm	-25.58 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-47.62 dBm	-22.62 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73639 GHz	-45.67 dBm	-20.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91663 GHz	-46.66 dBm	-21.66 dB

Date: 29.MAR.2017 01:32:48

Lowest Channel / 16QAM

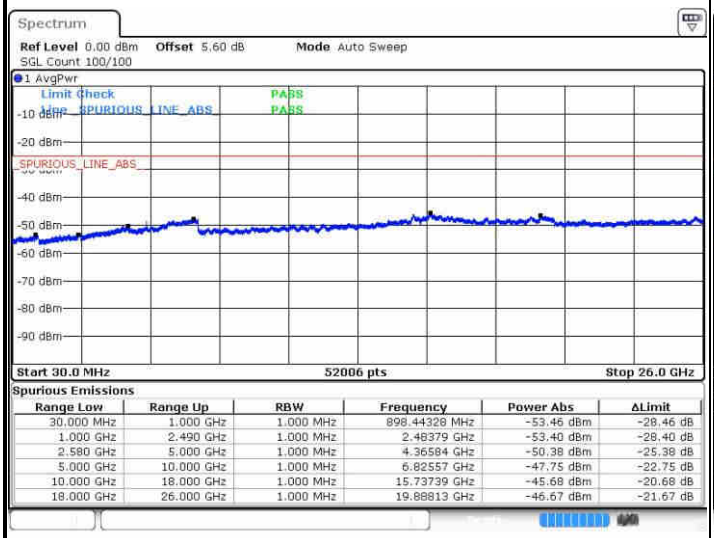


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-53.53 dBm	-28.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-34.89 dBm	-9.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30100 GHz	-50.49 dBm	-25.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84857 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75439 GHz	-45.59 dBm	-20.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92863 GHz	-46.63 dBm	-21.63 dB

Date: 29.MAR.2017 01:33:43

Middle Channel / QPSK

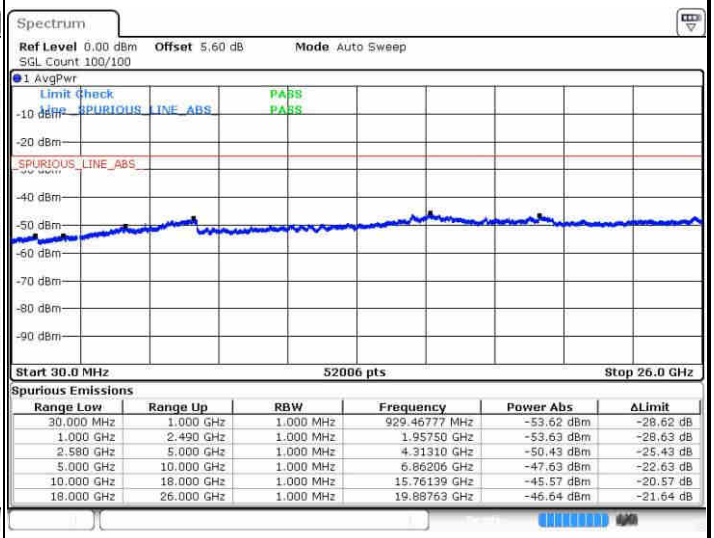


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-53.46 dBm	-28.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-53.40 dBm	-28.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.36584 GHz	-50.38 dBm	-25.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.82557 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73739 GHz	-45.68 dBm	-20.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88813 GHz	-46.67 dBm	-21.67 dB

Date: 29.MAR.2017 01:35:32

Middle Channel / 16QAM



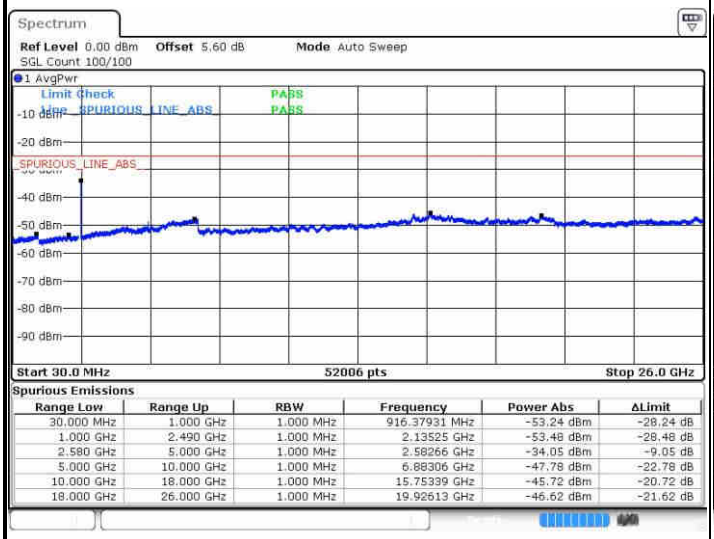
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-53.62 dBm	-28.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.95750 GHz	-53.63 dBm	-28.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31310 GHz	-50.43 dBm	-25.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86206 GHz	-47.63 dBm	-22.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76139 GHz	-45.57 dBm	-20.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88763 GHz	-46.64 dBm	-21.64 dB

Date: 29.MAR.2017 01:34:37

LTE Band7 / 15MHz

Highest Channel / QPSK

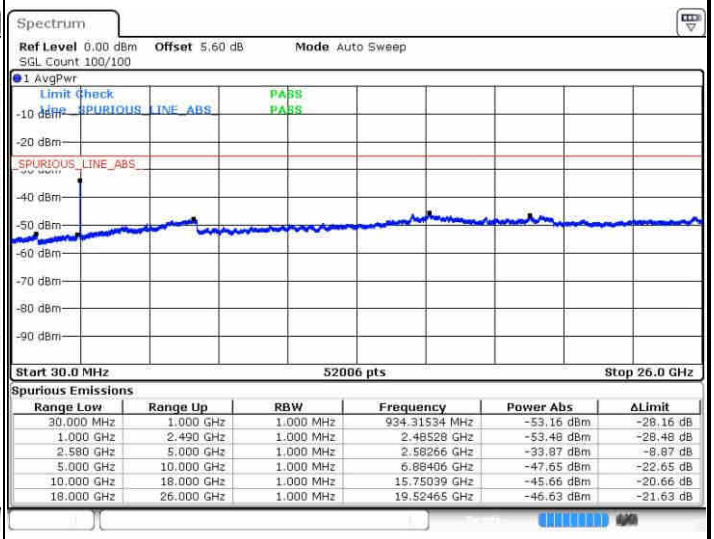


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-53.24 dBm	-28.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13525 GHz	-53.48 dBm	-28.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-34.05 dBm	-9.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88306 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75339 GHz	-45.72 dBm	-20.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92613 GHz	-46.62 dBm	-21.62 dB

Date: 29.MAR.2017 01:36:26

Highest Channel / 16QAM



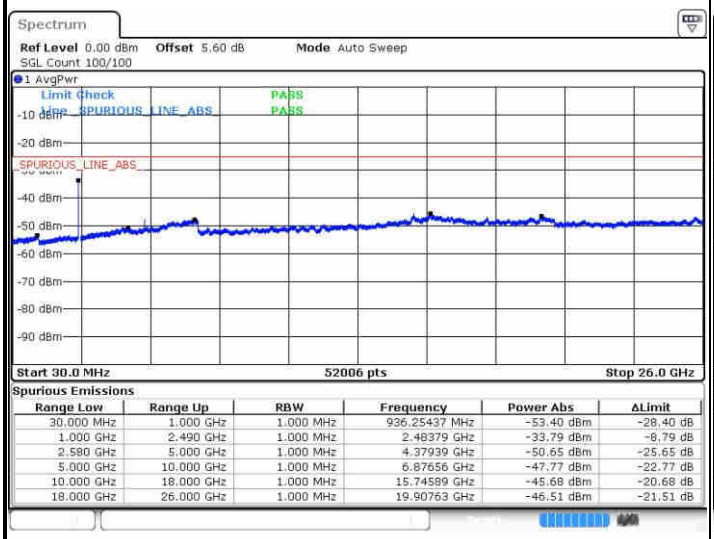
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	934.31534 MHz	-53.16 dBm	-28.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-53.48 dBm	-28.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-33.87 dBm	-8.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88406 GHz	-47.65 dBm	-22.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75039 GHz	-45.66 dBm	-20.66 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.52465 GHz	-46.63 dBm	-21.63 dB

Date: 29.MAR.2017 01:37:20

LTE Band 7 / 20MHz

Lowest Channel / QPSK

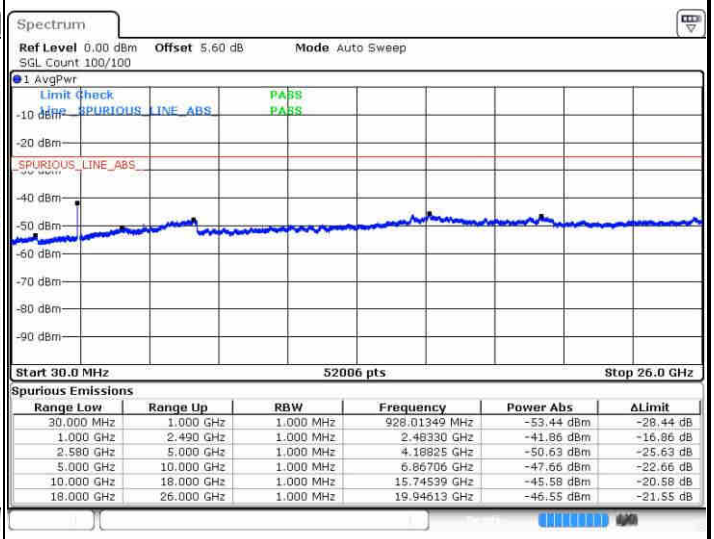


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-53.40 dBm	-28.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-33.79 dBm	-8.79 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.37939 GHz	-50.65 dBm	-25.65 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87656 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74589 GHz	-45.68 dBm	-20.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90763 GHz	-46.51 dBm	-21.51 dB

Date: 29.MAR.2017 01:49:26

Lowest Channel / 16QAM



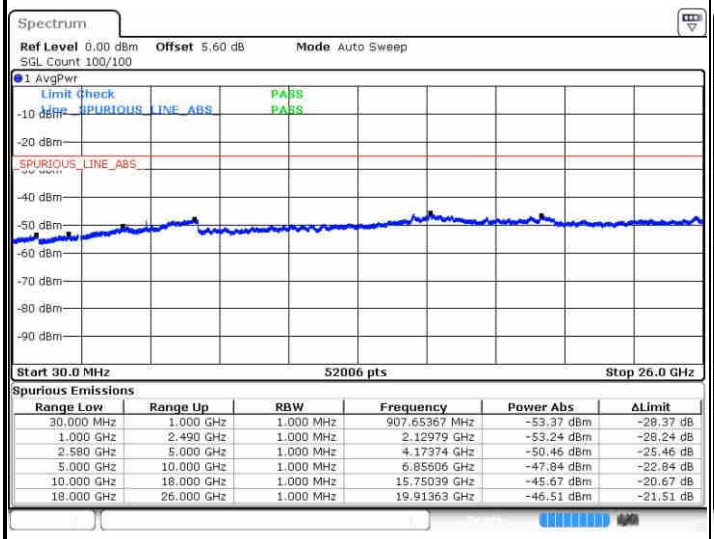
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-41.86 dBm	-16.86 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18825 GHz	-50.63 dBm	-25.63 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86706 GHz	-47.66 dBm	-22.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74539 GHz	-45.58 dBm	-20.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94613 GHz	-46.55 dBm	-21.55 dB

Date: 29.MAR.2017 01:50:20

LTE Band 7 / 20MHz

Middle Channel / QPSK

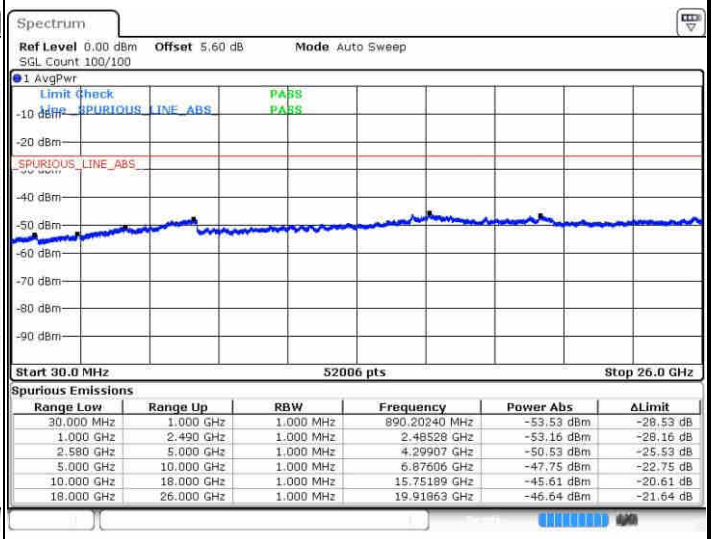


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-53.37 dBm	-28.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12979 GHz	-53.24 dBm	-28.24 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17374 GHz	-50.46 dBm	-25.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85606 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75039 GHz	-45.67 dBm	-20.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91363 GHz	-46.51 dBm	-21.51 dB

Date: 29.MAR.2017 01:52:09

Middle Channel / 16QAM

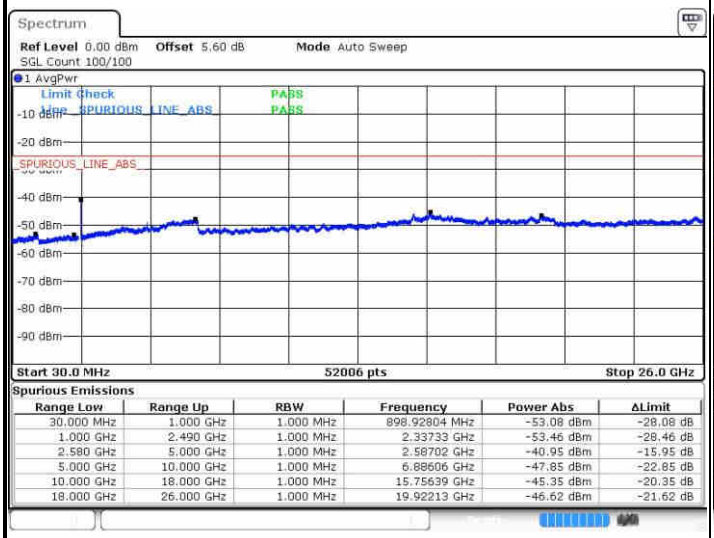


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-53.53 dBm	-28.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48528 GHz	-53.16 dBm	-28.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29907 GHz	-50.53 dBm	-25.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87606 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75189 GHz	-45.61 dBm	-20.61 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91863 GHz	-46.64 dBm	-21.64 dB

Date: 29.MAR.2017 01:51:14

Highest Channel / QPSK

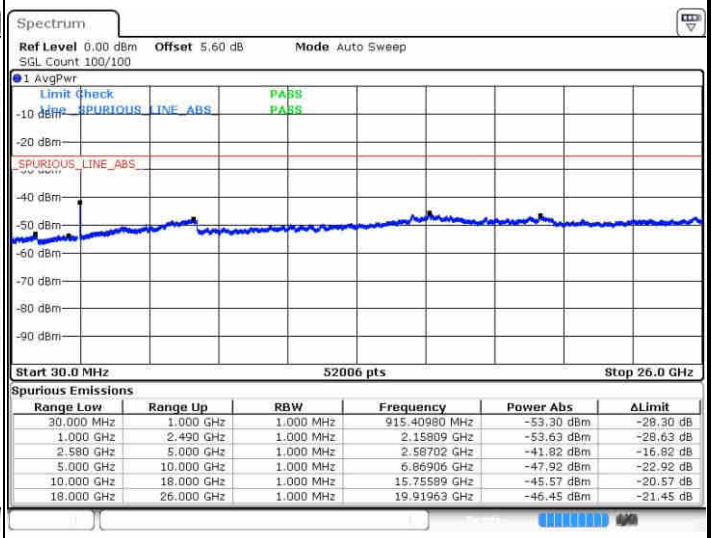


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-53.08 dBm	-28.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33733 GHz	-53.46 dBm	-28.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-40.95 dBm	-15.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88606 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75639 GHz	-45.35 dBm	-20.35 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92213 GHz	-46.62 dBm	-21.62 dB

Date: 29.MAR.2017 01:53:03

Highest Channel / 16QAM



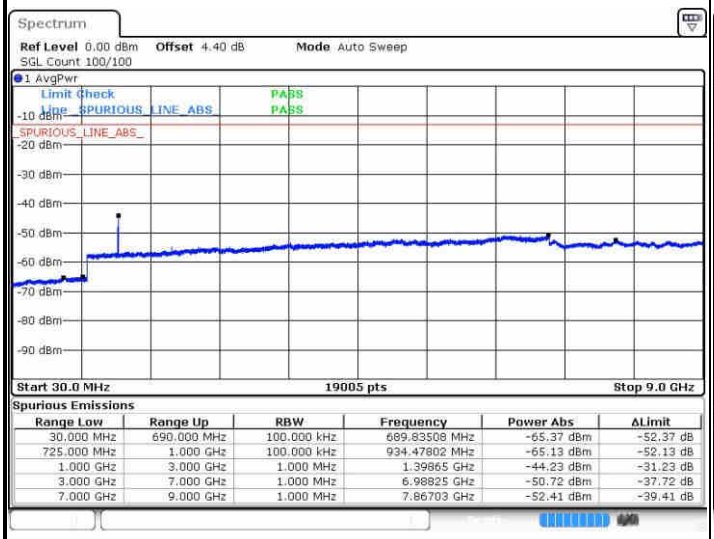
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-53.30 dBm	-28.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15809 GHz	-53.63 dBm	-28.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-41.82 dBm	-16.82 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86906 GHz	-47.92 dBm	-22.92 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75589 GHz	-45.57 dBm	-20.57 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91963 GHz	-46.45 dBm	-21.45 dB

Date: 29.MAR.2017 01:53:58

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

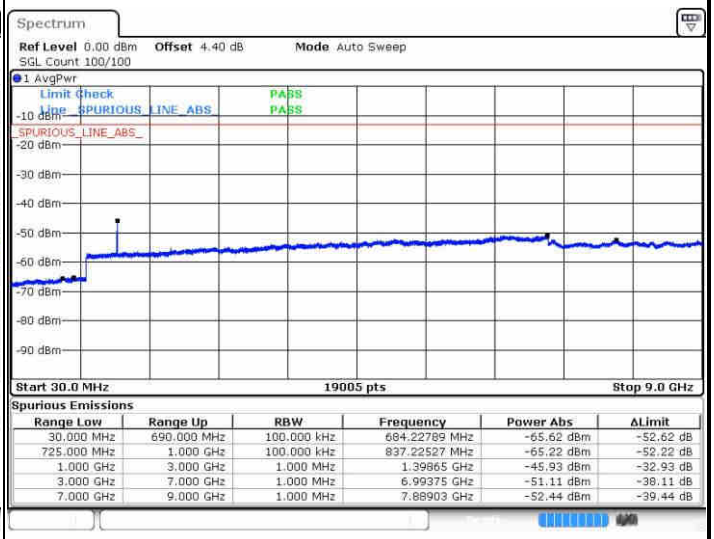


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-65.37 dBm	-52.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	934.47802 MHz	-65.13 dBm	-52.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.23 dBm	-31.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-50.72 dBm	-37.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86703 GHz	-52.41 dBm	-39.41 dB

Date: 30.MAR.2017 19:01:50

Lowest Channel / 16QAM

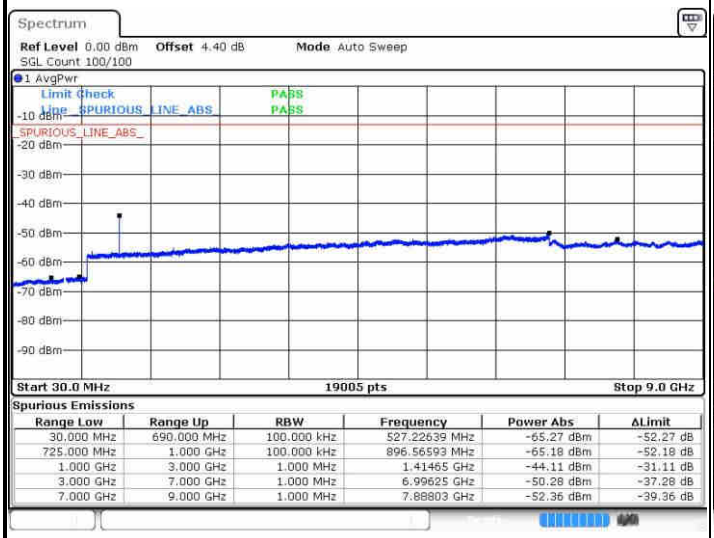


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.22789 MHz	-65.62 dBm	-52.62 dB
725.000 MHz	1.000 GHz	100.000 kHz	837.22527 MHz	-65.22 dBm	-52.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.93 dBm	-32.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99375 GHz	-51.11 dBm	-38.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.88903 GHz	-52.44 dBm	-39.44 dB

Date: 30.MAR.2017 19:02:45

Middle Channel / QPSK

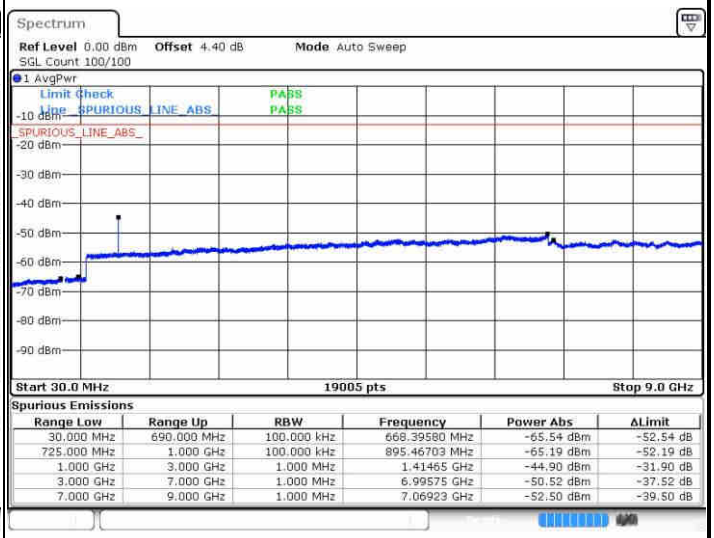


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	527.22639 MHz	-65.27 dBm	-52.27 dB
725.000 MHz	1.000 GHz	100.000 kHz	896.56593 MHz	-65.18 dBm	-52.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-44.11 dBm	-31.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-50.28 dBm	-37.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.88803 GHz	-52.36 dBm	-39.36 dB

Date: 30.MAR.2017 19:04:35

Middle Channel / 16QAM



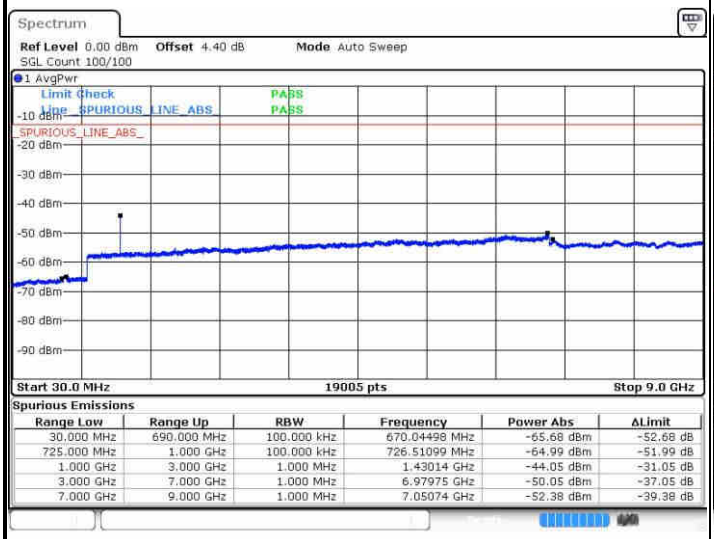
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-65.54 dBm	-52.54 dB
725.000 MHz	1.000 GHz	100.000 kHz	895.46703 MHz	-65.19 dBm	-52.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-44.90 dBm	-31.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-50.52 dBm	-37.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06923 GHz	-52.50 dBm	-39.50 dB

Date: 30.MAR.2017 19:03:40

LTE Band 12 / 1.4MHz

Highest Channel / QPSK

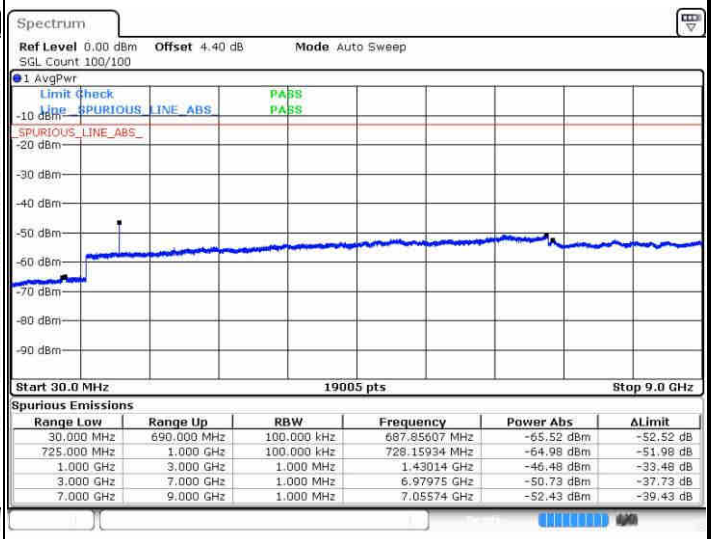


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.04498 MHz	-65.68 dBm	-52.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	726.51099 MHz	-64.99 dBm	-51.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-44.05 dBm	-31.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97975 GHz	-50.05 dBm	-37.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05074 GHz	-52.38 dBm	-39.38 dB

Date: 30.MAR.2017 19:05:31

Highest Channel / 16QAM



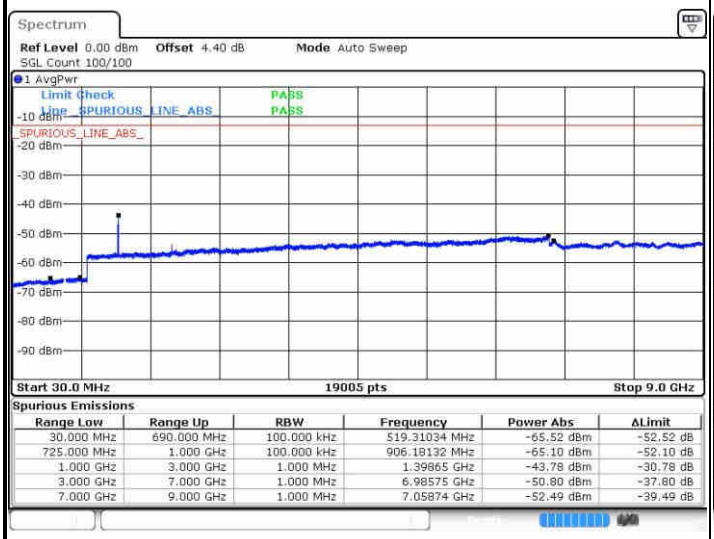
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.85607 MHz	-65.52 dBm	-52.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	728.15934 MHz	-64.98 dBm	-51.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-46.48 dBm	-33.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97975 GHz	-50.73 dBm	-37.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05574 GHz	-52.43 dBm	-39.43 dB

Date: 30.MAR.2017 19:06:26

LTE Band 12 / 3MHz

Lowest Channel / QPSK

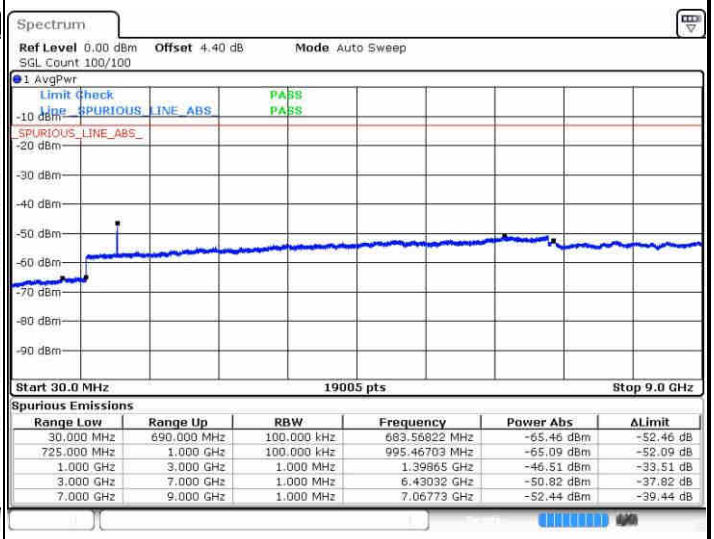


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	519.31034 MHz	-65.52 dBm	-52.52 dB
725.000 MHz	1.000 GHz	100.000 kHz	906.18132 MHz	-65.10 dBm	-52.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-43.78 dBm	-30.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-50.80 dBm	-37.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05874 GHz	-52.49 dBm	-39.49 dB

Date: 30.MAR.2017 19:18:30

Lowest Channel / 16QAM



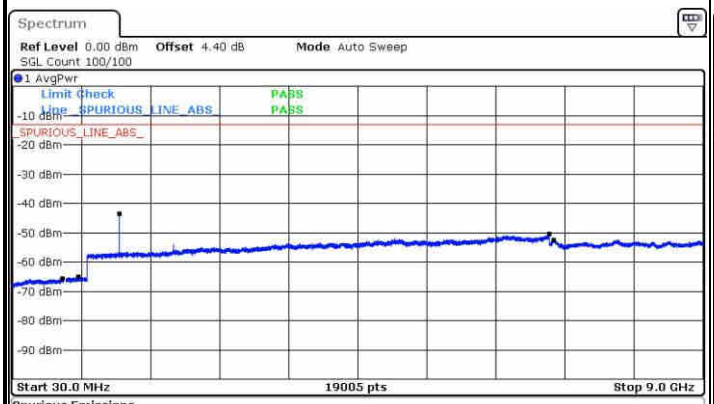
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-65.46 dBm	-52.46 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-65.09 dBm	-52.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-46.51 dBm	-33.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.43032 GHz	-50.82 dBm	-37.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06773 GHz	-52.44 dBm	-39.44 dB

Date: 30.MAR.2017 19:19:25

LTE Band 12 / 3MHz

Middle Channel / QPSK

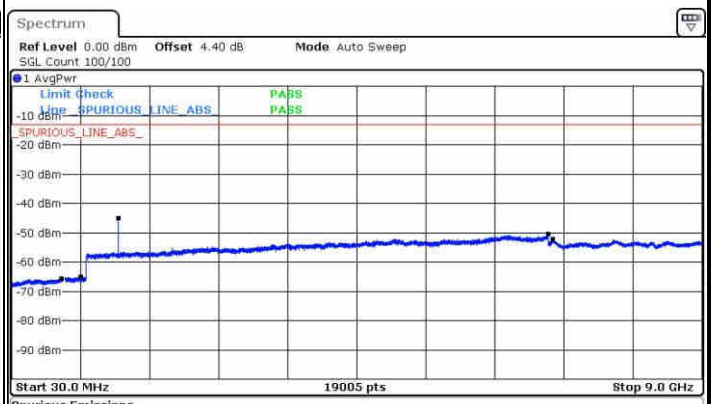


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-65.62 dBm	-52.62 dB
725.000 MHz	1.000 GHz	100.000 kHz	880.90659 MHz	-65.03 dBm	-52.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.70 dBm	-30.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-50.45 dBm	-37.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-52.42 dBm	-39.42 dB

Date: 30.MAR.2017 19:21:15

Middle Channel / 16QAM

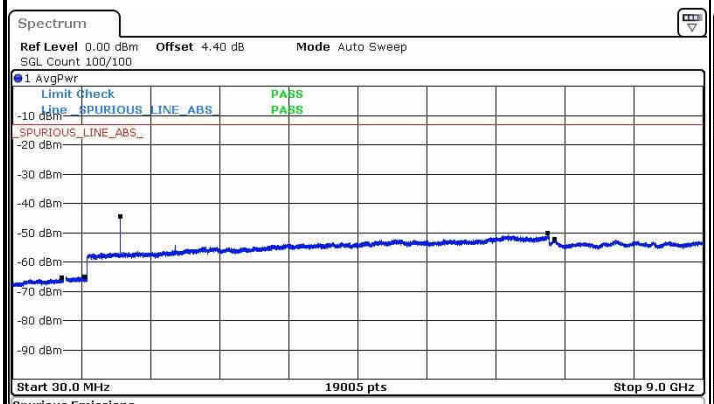


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.90855 MHz	-65.69 dBm	-52.69 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.41209 MHz	-64.99 dBm	-51.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-45.13 dBm	-32.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-50.35 dBm	-37.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05824 GHz	-52.38 dBm	-39.38 dB

Date: 30.MAR.2017 19:20:20

Highest Channel / QPSK

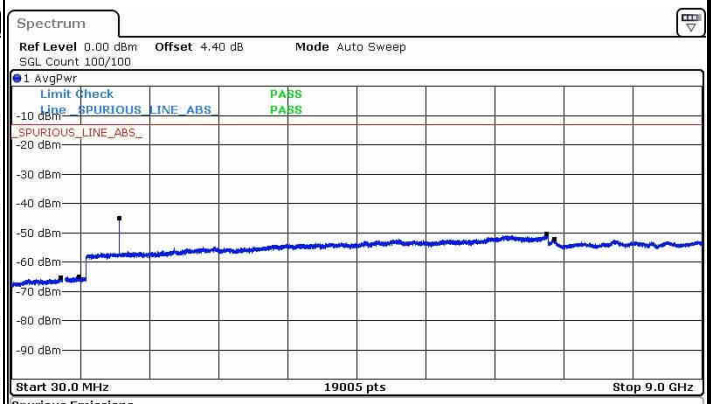


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-65.51 dBm	-52.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	957.28022 MHz	-65.06 dBm	-52.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-44.49 dBm	-31.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-50.25 dBm	-37.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06623 GHz	-52.20 dBm	-39.20 dB

Date: 30.MAR.2017 19:22:10

Highest Channel / 16QAM



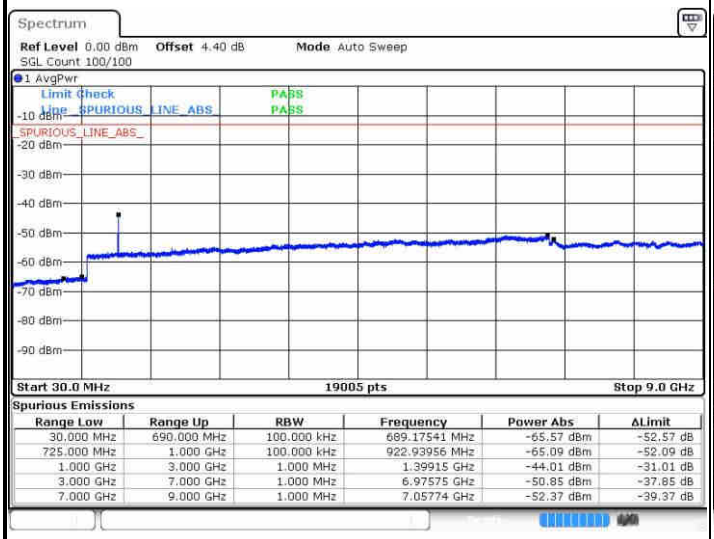
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.46927 MHz	-65.50 dBm	-52.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.58791 MHz	-64.94 dBm	-51.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-45.05 dBm	-32.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-50.49 dBm	-37.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08123 GHz	-52.19 dBm	-39.19 dB

Date: 30.MAR.2017 19:23:06

LTE Band 12 / 5MHz

Lowest Channel / QPSK

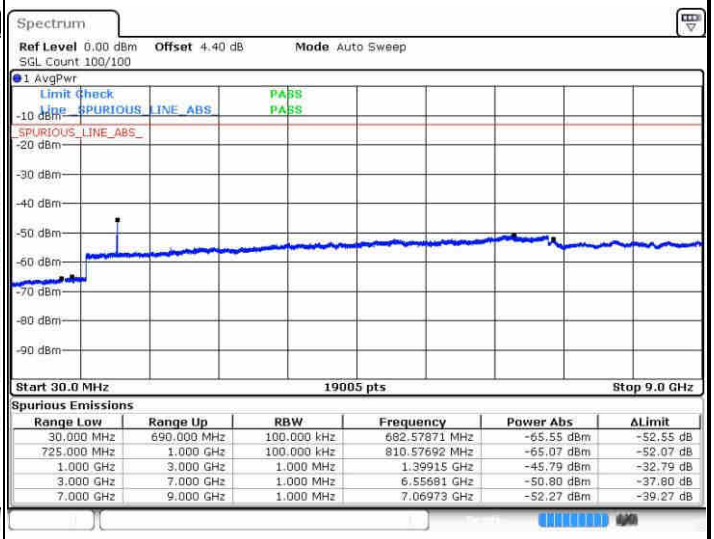


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-65.57 dBm	-52.57 dB
725.000 MHz	1.000 GHz	100.000 kHz	922.93956 MHz	-65.09 dBm	-52.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-44.01 dBm	-31.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-50.85 dBm	-37.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05774 GHz	-52.37 dBm	-39.37 dB

Date: 30.MAR.2017 19:35:15

Lowest Channel / 16QAM

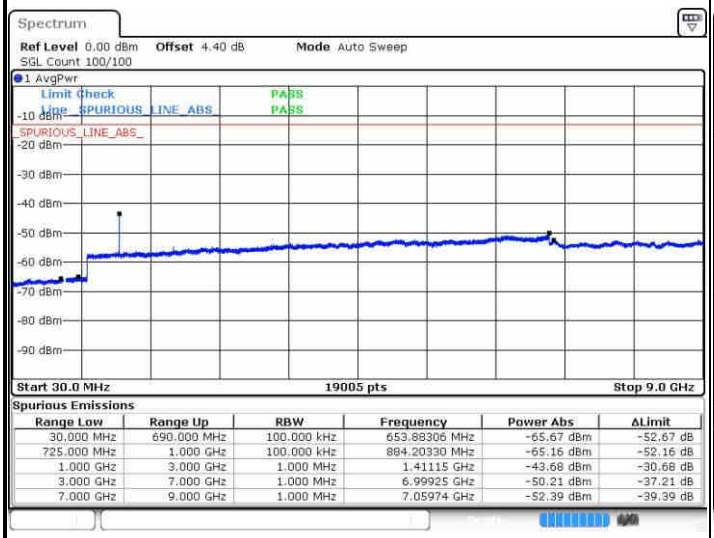


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.57871 MHz	-65.55 dBm	-52.55 dB
725.000 MHz	1.000 GHz	100.000 kHz	810.57692 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.55681 GHz	-50.80 dBm	-37.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06973 GHz	-52.27 dBm	-39.27 dB

Date: 30.MAR.2017 19:36:10

Middle Channel / QPSK

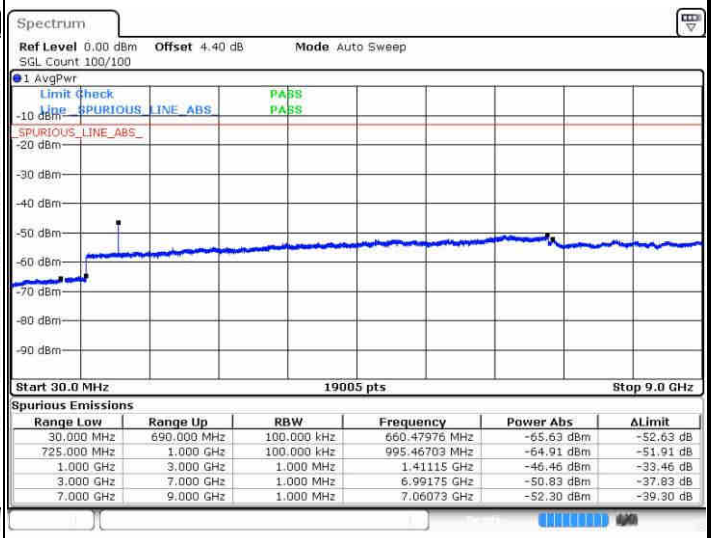


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	653.88306 MHz	-65.67 dBm	-52.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	884.20330 MHz	-65.16 dBm	-52.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-43.68 dBm	-30.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-50.21 dBm	-37.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05974 GHz	-52.39 dBm	-39.39 dB

Date: 30.MAR.2017 19:38:00

Middle Channel / 16QAM



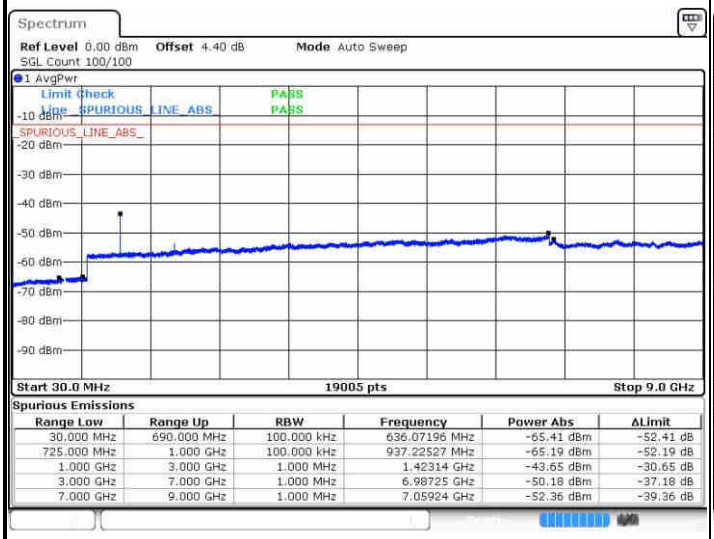
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-65.63 dBm	-52.63 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.46703 MHz	-64.91 dBm	-51.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-50.83 dBm	-37.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06073 GHz	-52.30 dBm	-39.30 dB

Date: 30.MAR.2017 19:37:06

LTE Band 12 / 5MHz

Highest Channel / QPSK

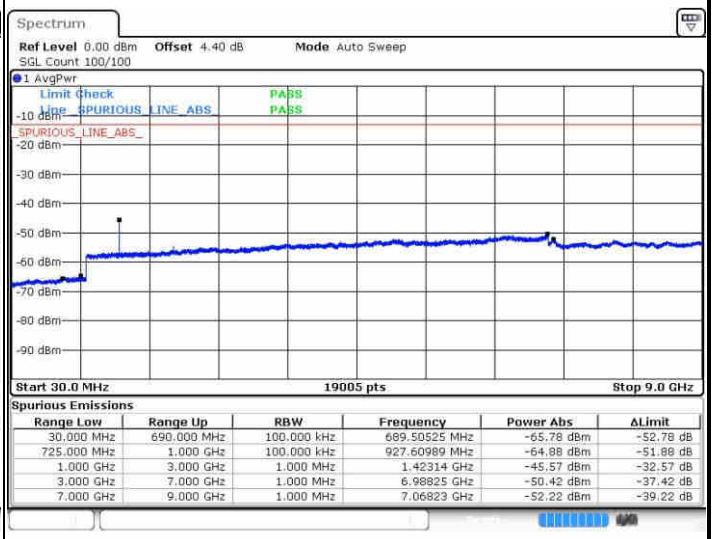


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	636.07196 MHz	-65.41 dBm	-52.41 dB
725.000 MHz	1.000 GHz	100.000 kHz	937.22527 MHz	-65.19 dBm	-52.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-43.65 dBm	-30.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98725 GHz	-50.18 dBm	-37.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05924 GHz	-52.36 dBm	-39.36 dB

Date: 30.MAR.2017 19:38:55

Highest Channel / 16QAM



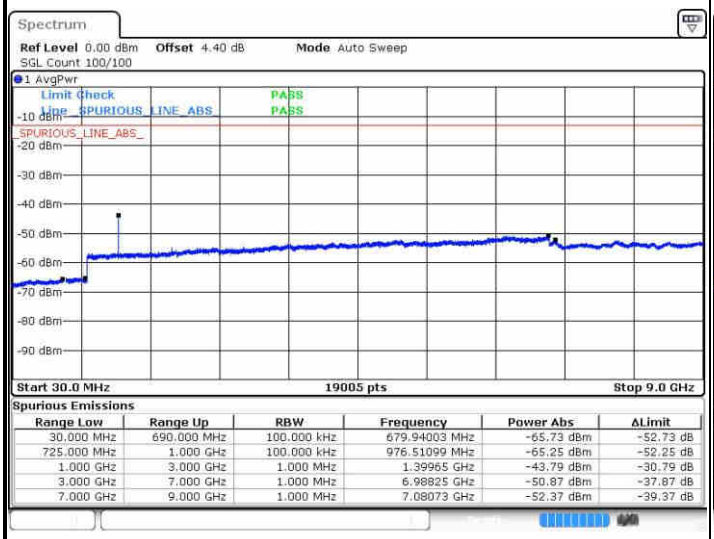
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-65.78 dBm	-52.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	927.60989 MHz	-64.88 dBm	-51.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.57 dBm	-32.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-50.42 dBm	-37.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06823 GHz	-52.22 dBm	-39.22 dB

Date: 30.MAR.2017 19:39:50

LTE Band 12 / 10MHz

Lowest Channel / QPSK

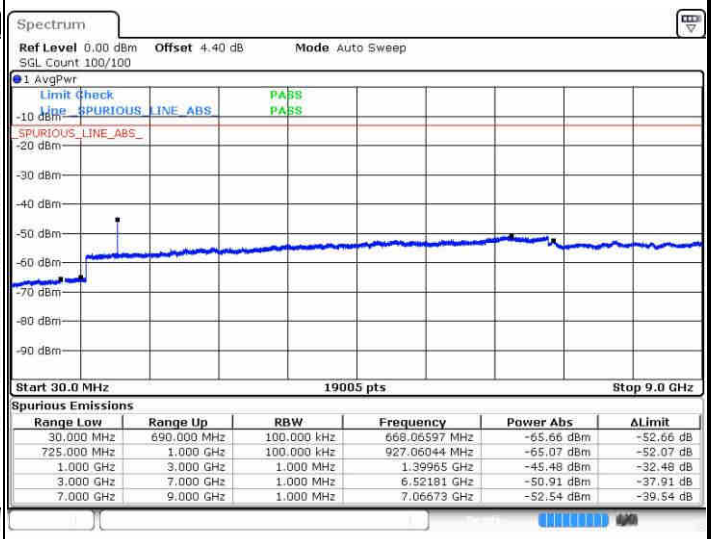


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.94003 MHz	-65.73 dBm	-52.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	976.51099 MHz	-65.25 dBm	-52.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-43.79 dBm	-30.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-50.87 dBm	-37.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08073 GHz	-52.37 dBm	-39.37 dB

Date: 30.MAR.2017 19:51:54

Lowest Channel / 16QAM



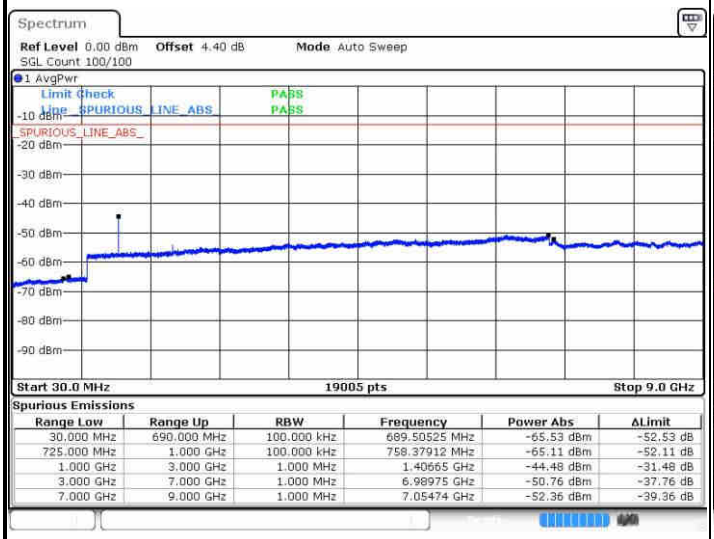
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.06597 MHz	-65.66 dBm	-52.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	927.06044 MHz	-65.07 dBm	-52.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-45.48 dBm	-32.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.52181 GHz	-50.91 dBm	-37.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06673 GHz	-52.54 dBm	-39.54 dB

Date: 30.MAR.2017 19:52:49

LTE Band 12 / 10MHz

Middle Channel / QPSK

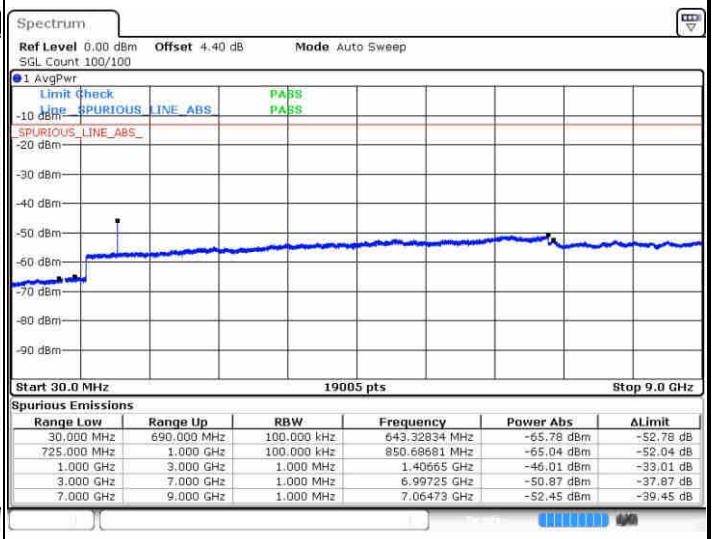


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.50525 MHz	-65.53 dBm	-52.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	758.37912 MHz	-65.11 dBm	-52.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-50.76 dBm	-37.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05474 GHz	-52.36 dBm	-39.36 dB

Date: 30.MAR.2017 19:54:39

Middle Channel / 16QAM

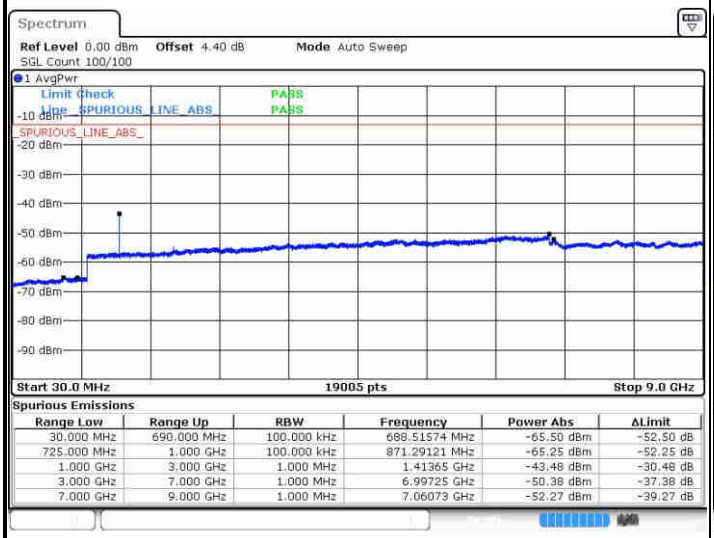


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	643.32834 MHz	-65.78 dBm	-52.78 dB
725.000 MHz	1.000 GHz	100.000 kHz	850.68681 MHz	-65.04 dBm	-52.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-50.87 dBm	-37.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06473 GHz	-52.45 dBm	-39.45 dB

Date: 30.MAR.2017 19:53:44

Highest Channel / QPSK

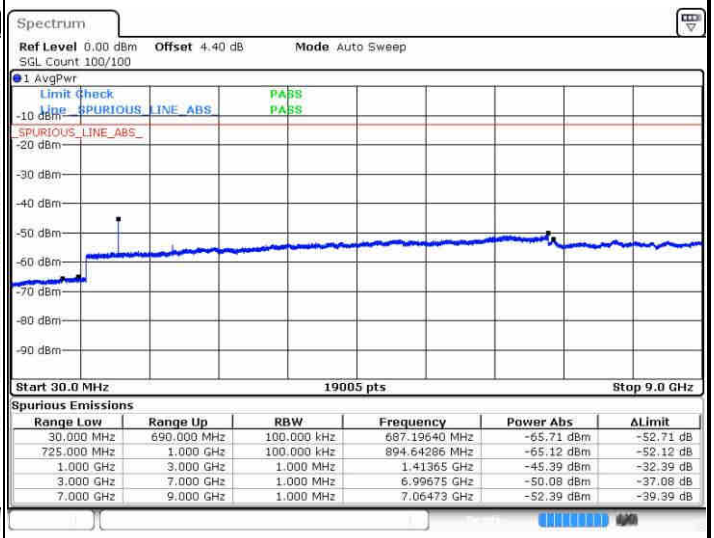


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.51574 MHz	-65.50 dBm	-52.50 dB
725.000 MHz	1.000 GHz	100.000 kHz	871.29121 MHz	-65.25 dBm	-52.25 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-50.38 dBm	-37.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06073 GHz	-52.27 dBm	-39.27 dB

Date: 30.MAR.2017 19:55:34

Highest Channel / 16QAM



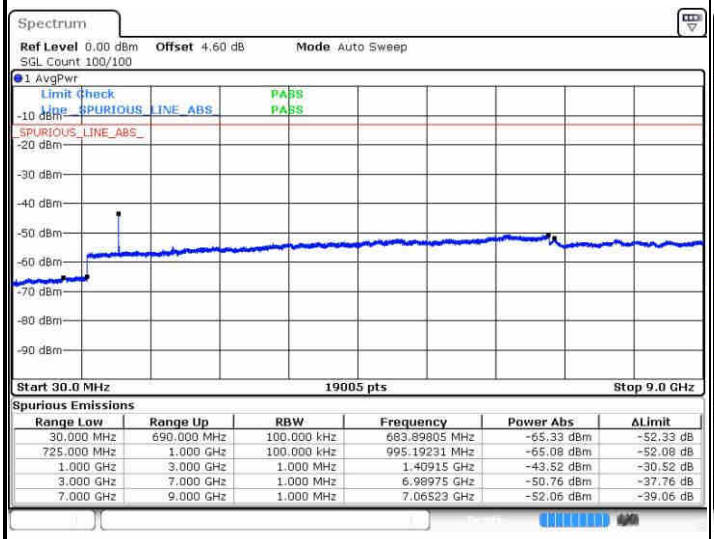
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.19640 MHz	-65.71 dBm	-52.71 dB
725.000 MHz	1.000 GHz	100.000 kHz	894.64286 MHz	-65.12 dBm	-52.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-45.39 dBm	-32.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-50.08 dBm	-37.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06473 GHz	-52.39 dBm	-39.39 dB

Date: 30.MAR.2017 19:56:29

LTE Band 17 / 5MHz

Lowest Channel / QPSK

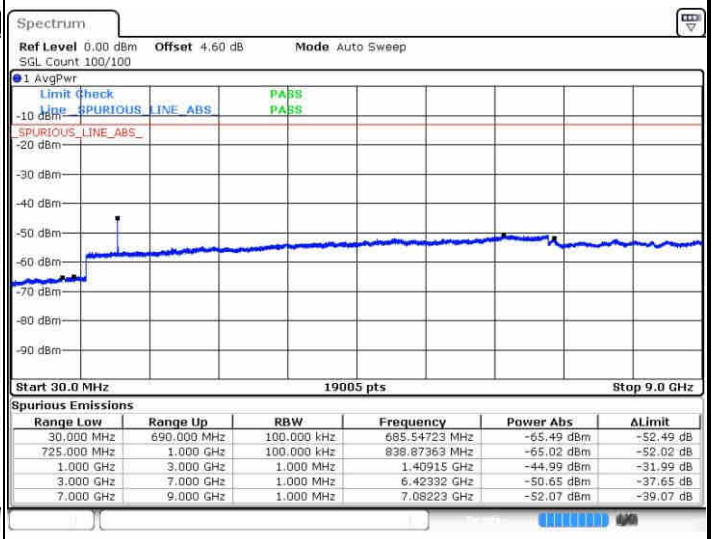


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.89805 MHz	-65.33 dBm	-52.33 dB
725.000 MHz	1.000 GHz	100.000 kHz	995.19231 MHz	-65.08 dBm	-52.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-43.52 dBm	-30.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-50.76 dBm	-37.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06523 GHz	-52.06 dBm	-39.06 dB

Date: 30.MAR.2017 00:35:42

Lowest Channel / 16QAM

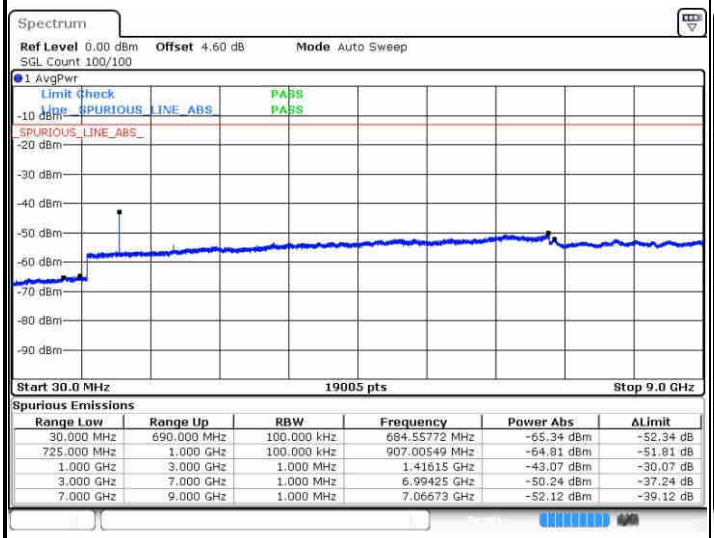


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-65.49 dBm	-52.49 dB
725.000 MHz	1.000 GHz	100.000 kHz	838.87363 MHz	-65.02 dBm	-52.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-44.99 dBm	-31.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.42332 GHz	-50.65 dBm	-37.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08223 GHz	-52.07 dBm	-39.07 dB

Date: 30.MAR.2017 00:36:37

Middle Channel / QPSK

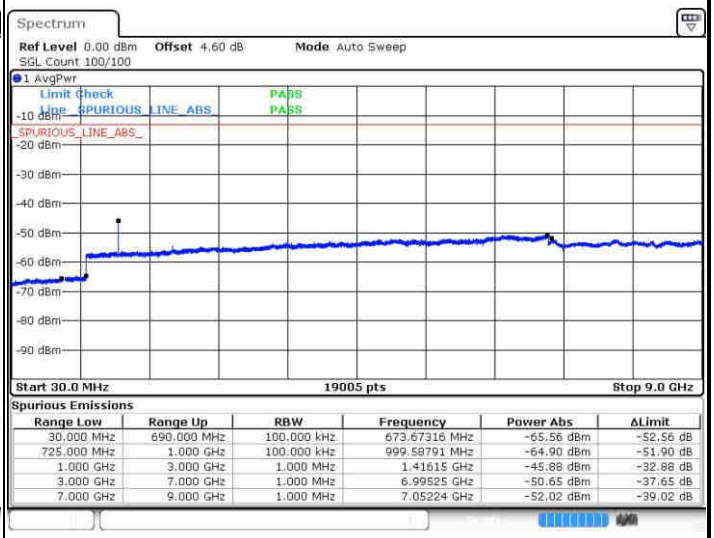


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.55772 MHz	-65.34 dBm	-52.34 dB
725.000 MHz	1.000 GHz	100.000 kHz	907.00549 MHz	-64.81 dBm	-51.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-43.07 dBm	-30.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-50.24 dBm	-37.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06673 GHz	-52.12 dBm	-39.12 dB

Date: 30.MAR.2017 00:38:14

Middle Channel / 16QAM



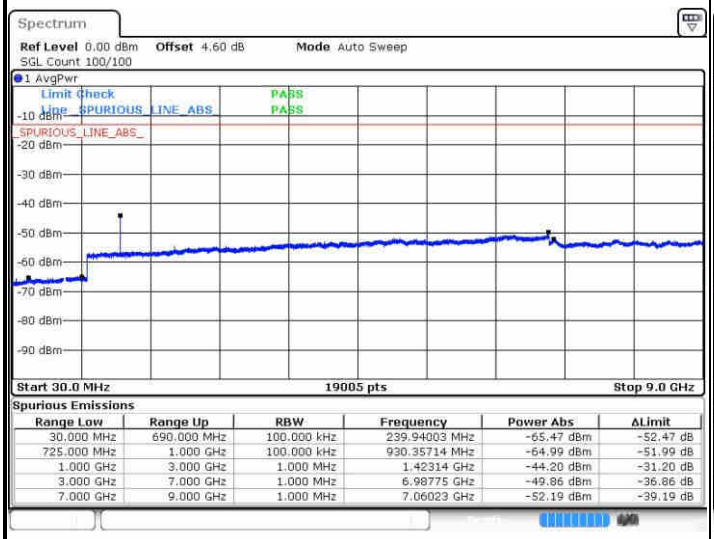
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.67316 MHz	-65.56 dBm	-52.56 dB
725.000 MHz	1.000 GHz	100.000 kHz	999.58791 MHz	-64.90 dBm	-51.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41615 GHz	-45.88 dBm	-32.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-50.65 dBm	-37.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05224 GHz	-52.02 dBm	-39.02 dB

Date: 30.MAR.2017 00:39:09

LTE Band 17 / 5MHz

Highest Channel / QPSK

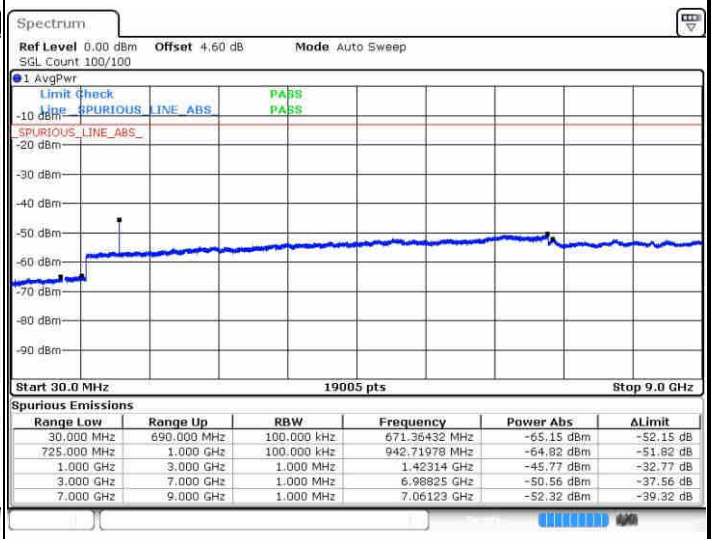


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	239.94003 MHz	-65.47 dBm	-52.47 dB
725.000 MHz	1.000 GHz	100.000 kHz	930.35714 MHz	-64.99 dBm	-51.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.20 dBm	-31.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-49.86 dBm	-36.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06023 GHz	-52.19 dBm	-39.19 dB

Date: 30.MAR.2017 00:45:19

Highest Channel / 16QAM



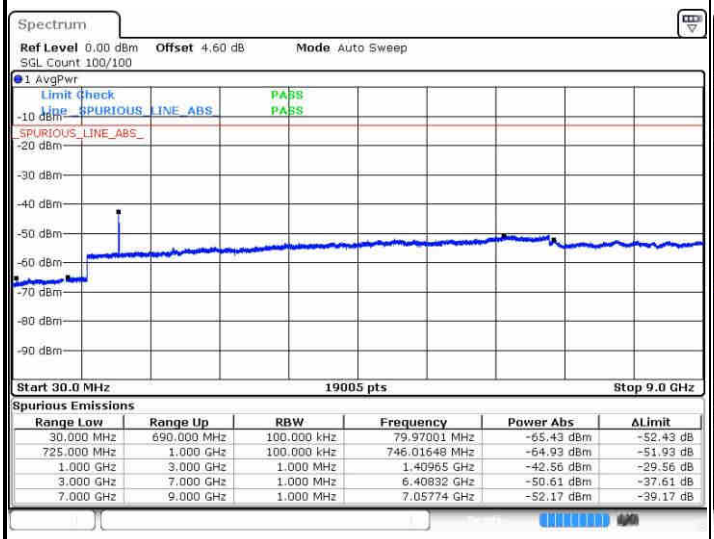
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.36432 MHz	-65.15 dBm	-52.15 dB
725.000 MHz	1.000 GHz	100.000 kHz	942.71978 MHz	-64.82 dBm	-51.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-50.56 dBm	-37.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06123 GHz	-52.32 dBm	-39.32 dB

Date: 30.MAR.2017 00:46:14

LTE Band 17 / 10MHz

Lowest Channel / QPSK

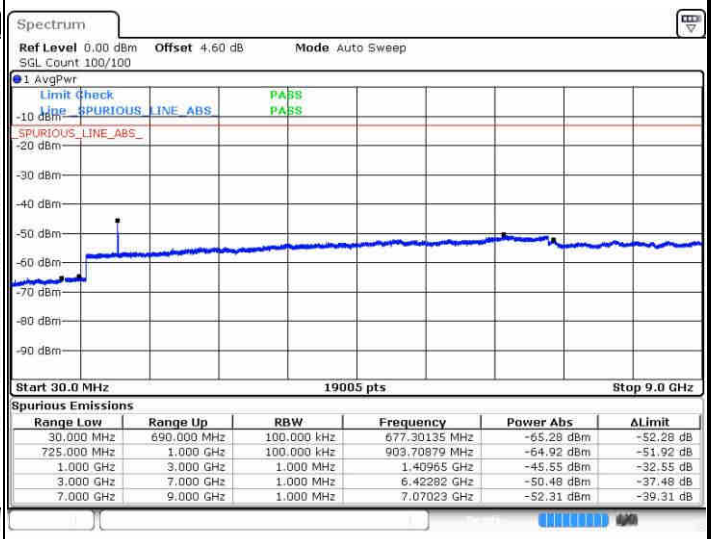


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	79.97001 MHz	-65.43 dBm	-52.43 dB
725.000 MHz	1.000 GHz	100.000 kHz	746.01648 MHz	-64.93 dBm	-51.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-42.56 dBm	-29.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.40832 GHz	-50.61 dBm	-37.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05774 GHz	-52.17 dBm	-39.17 dB

Date: 30.MAR.2017 00:52:24

Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-65.28 dBm	-52.28 dB
725.000 MHz	1.000 GHz	100.000 kHz	903.70879 MHz	-64.92 dBm	-51.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.42282 GHz	-50.48 dBm	-37.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07023 GHz	-52.31 dBm	-39.31 dB

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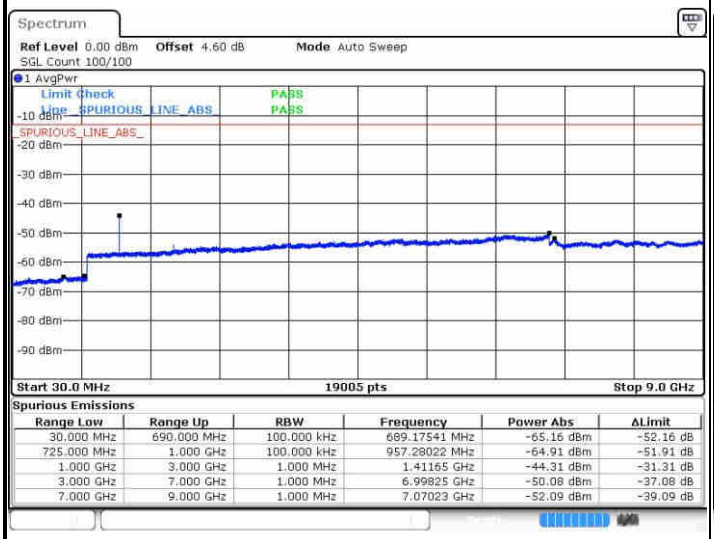
LTE Band 17 / 10MHz

Middle Channel / QPSK

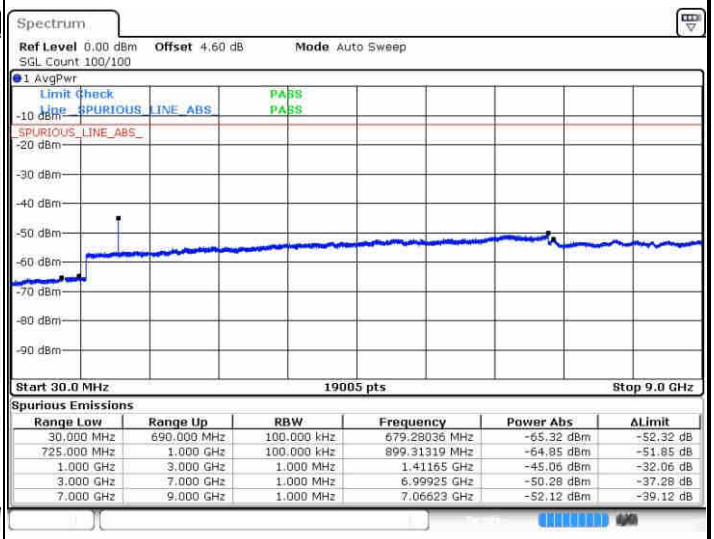


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-65.16 dBm	-52.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	957.28022 MHz	-64.91 dBm	-51.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-44.31 dBm	-31.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-50.08 dBm	-37.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07023 GHz	-52.09 dBm	-39.09 dB

Date: 30.MAR.2017 00:54:56

Middle Channel / 16QAM

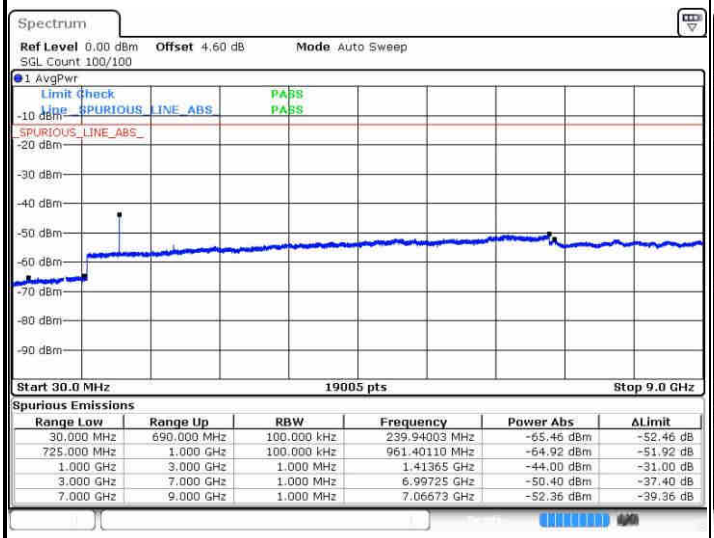


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	679.28036 MHz	-65.32 dBm	-52.32 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.31319 MHz	-64.85 dBm	-51.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-45.06 dBm	-32.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-50.28 dBm	-37.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06623 GHz	-52.12 dBm	-39.12 dB

Date: 30.MAR.2017 00:55:51

Highest Channel / QPSK

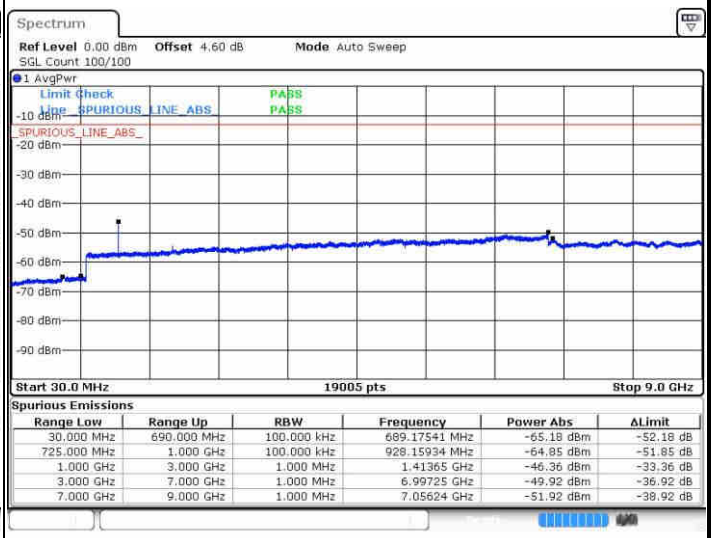


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	239.94003 MHz	-65.46 dBm	-52.46 dB
725.000 MHz	1.000 GHz	100.000 kHz	961.40110 MHz	-64.92 dBm	-51.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-50.40 dBm	-37.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06673 GHz	-52.36 dBm	-39.36 dB

Date: 30.MAR.2017 01:02:01

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-65.18 dBm	-52.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	928.15934 MHz	-64.85 dBm	-51.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-46.36 dBm	-33.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-49.92 dBm	-36.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05624 GHz	-51.92 dBm	-38.92 dB

Date: 30.MAR.2017 01:02:56

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	0.0005	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0030	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0005	

Note: Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0071	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0030	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

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	3759	-63.70	-13	-50.70	-67.21	-68.69	1.88	6.87	H
	5637	-62.82	-13	-49.82	-71.01	-70.12	2.38	9.68	H
	7518	-62.69	-13	-49.69	-74.72	-71.76	2.74	11.81	H
	3759	-63.59	-13	-50.59	-67.38	-68.58	1.88	6.87	V
	5638.38	-65.63	-13	-52.63	-74.2	-72.93	2.38	9.68	V
	7518	-63.31	-13	-50.31	-74.02	-72.38	2.74	11.81	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	3756	-64.69	-13	-51.69	-68.20	-69.68	1.88	6.87	H
	5637	-62.10	-13	-49.10	-70.29	-69.40	2.38	9.68	H
	7514	-60.72	-13	-47.72	-72.75	-69.79	2.74	11.81	H
	3756	-64.31	-13	-51.31	-68.1	-69.30	1.88	6.87	V
	5637	-65.13	-13	-52.13	-73.7	-72.43	2.38	9.68	V
	7514	-63.16	-13	-50.16	-73.87	-72.23	2.74	11.81	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	3756	-64.80	-13	-51.80	-68.31	-69.79	1.88	6.87	H
	5634	-61.73	-13	-48.73	-69.92	-69.03	2.38	9.68	H
	7512	-61.00	-13	-48.00	-73.03	-70.07	2.74	11.81	H
	3756	-65.04	-13	-52.04	-68.83	-70.03	1.88	6.87	V
	5634	-65.62	-13	-52.62	-74.19	-72.92	2.38	9.68	V
	7512	-64.44	-13	-51.44	-75.15	-73.51	2.74	11.81	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	3750	-65.32	-13	-52.32	-68.83	-70.31	1.88	6.87	H
	5625	-63.30	-13	-50.30	-71.49	-70.60	2.38	9.68	H
	7503	-61.42	-13	-48.42	-73.45	-70.49	2.74	11.81	H
	3750	-64.03	-13	-51.03	-67.82	-69.02	1.88	6.87	V
	5626.77	-65.43	-13	-52.43	-74	-72.73	2.38	9.68	V
	7503	-63.41	-13	-50.41	-74.12	-72.48	2.74	11.81	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	3747	-64.73	-13	-51.73	-68.24	-69.72	1.88	6.87	H
	5619	-62.82	-13	-49.82	-71.01	-70.12	2.38	9.68	H
	7494	-61.93	-13	-48.93	-73.96	-71.00	2.74	11.81	H
	3747	-64.93	-13	-51.93	-68.72	-69.92	1.88	6.87	V
	5620.02	-65.01	-13	-52.01	-73.58	-72.31	2.38	9.68	V
	7494	-64.18	-13	-51.18	-74.89	-73.25	2.74	11.81	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	3741	-65.72	-13	-52.72	-69.23	-70.71	1.88	6.87	H
	5613	-63.45	-13	-50.45	-71.64	-70.75	2.38	9.68	H
	7485	-62.36	-13	-49.36	-74.39	-71.43	2.74	11.81	H
	3741	-63.66	-13	-50.66	-67.45	-68.65	1.88	6.87	V
	5613.27	-65.19	-13	-52.19	-73.76	-72.49	2.38	9.68	V
	7485	-63.44	-13	-50.44	-74.15	-72.51	2.74	11.81	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	3465	-56.11	-13	-43.11	-62.90	-61.00	1.81	6.70	H
	5196	-56.14	-13	-43.14	-68.82	-63.04	2.23	9.13	H
	6927	-59.51	-13	-46.51	-74.69	-67.57	2.60	10.66	H
	3465	-55.93	-13	-42.93	-61.13	-60.82	1.81	6.70	V
	5196	-59.12	-13	-46.12	-72.67	-66.02	2.23	9.13	V
	6927	-59.04	-13	-46.04	-74.09	-67.10	2.6	10.66	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	-53.93	-13	-40.93	-60.72	-58.82	1.81	6.70	H
	5193	-56.84	-13	-43.84	-69.52	-63.74	2.23	9.13	H
	6924	-59.29	-13	-46.29	-74.47	-67.35	2.60	10.66	H
	3462	-54.59	-13	-41.59	-59.79	-59.48	1.81	6.70	V
	5193	-58.78	-13	-45.78	-72.33	-65.68	2.23	9.13	V
	6924	-59.48	-13	-46.48	-74.53	-67.54	2.6	10.66	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	3459	-56.37	-13	-43.37	-63.16	-61.26	1.81	6.70	H
	5190	-56.61	-13	-43.61	-69.29	-63.51	2.23	9.13	H
	6921	-59.22	-13	-46.22	-74.40	-67.28	2.60	10.66	H
	3459	-55.90	-13	-42.90	-61.1	-60.79	1.81	6.70	V
	5191	-59.78	-13	-46.78	-73.33	-66.68	2.23	9.13	V
	6921	-59.25	-13	-46.25	-74.3	-67.31	2.6	10.66	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	-55.04	-13	-42.04	-61.83	-59.93	1.81	6.70	H
	5184	-57.82	-13	-44.82	-70.50	-64.72	2.23	9.13	H
	6912	-58.57	-13	-45.57	-73.75	-66.63	2.60	10.66	H
	3456	-55.29	-13	-42.29	-60.49	-60.18	1.81	6.70	V
	5184	-59.27	-13	-46.27	-72.82	-66.17	2.23	9.13	V
	6912	-59.62	-13	-46.62	-74.67	-67.68	2.6	10.66	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	3450	-57.71	-13	-44.71	-64.50	-62.60	1.81	6.70	H
	5178	-58.14	-13	-45.14	-70.82	-65.04	2.23	9.13	H
	6903	-59.14	-13	-46.14	-74.32	-67.20	2.60	10.66	H
	3450	-56.92	-13	-43.92	-62.12	-61.81	1.81	6.70	V
	5177.5	-59.27	-13	-46.27	-72.82	-66.17	2.23	9.13	V
	6903	-59.81	-13	-46.81	-74.86	-67.87	2.6	10.66	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	-56.50	-13	-43.50	-63.29	-61.39	1.81	6.70	H
	5169	-58.66	-13	-45.66	-71.34	-65.56	2.23	9.13	H
	6894	-59.56	-13	-46.56	-74.74	-67.62	2.60	10.66	H
	3447	-56.00	-13	-43.00	-61.2	-60.89	1.81	6.70	V
	5169	-58.87	-13	-45.87	-72.42	-65.77	2.23	9.13	V
	6894	-58.51	-13	-45.51	-73.56	-66.57	2.6	10.66	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	1672	-59.43	-13	-46.43	-62.03	-61.75	1.33	5.80	H
	2508	-63.40	-13	-50.40	-72.75	-66.57	1.58	6.90	H
	3345	-65.70	-13	-52.70	-74.91	-69.20	1.85	7.50	H
	1672	-60.64	-13	-47.64	-62.51	-62.96	1.33	5.80	V
	2508	-64.91	-13	-51.91	-72.88	-68.08	1.58	6.90	V
	3345	-66.48	-13	-53.48	-75.50	-69.98	1.85	7.50	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	-56.76	-13	-43.76	-60.26	-59.08	1.33	5.80	H
	2506	-63.50	-13	-50.50	-72.85	-66.67	1.58	6.90	H
	3342	-66.15	-13	-53.15	-75.36	-69.65	1.85	7.50	H
	1670	-59.25	-13	-46.25	-61.47	-61.57	1.33	5.80	V
	2506	-64.99	-13	-51.99	-72.96	-68.16	1.58	6.90	V
	3342	-66.16	-13	-53.16	-75.18	-69.66	1.85	7.50	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	-57.57	-13	-44.57	-60.74	-59.89	1.33	5.80	H
	2504	-62.97	-13	-49.97	-72.32	-66.14	1.58	6.90	H
	3336	-64.65	-13	-51.65	-73.86	-68.15	1.85	7.50	H
	1668	-59.53	-13	-46.53	-61.62	-61.85	1.33	5.80	V
	2504	-65.19	-13	-52.19	-73.16	-68.36	1.58	6.90	V
	3336	-66.49	-13	-53.49	-75.51	-69.99	1.85	7.50	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	-58.25	-13	-45.25	-61.15	-60.57	1.33	5.80	H
	2496	-62.31	-13	-49.31	-71.66	-65.48	1.58	6.90	H
	3327	-65.73	-13	-52.73	-74.94	-69.23	1.85	7.50	H
	1664	-58.96	-13	-45.96	-61.30	-61.28	1.33	5.80	V
	2496	-65.19	-13	-52.19	-73.16	-68.36	1.58	6.90	V
	3327	-67.10	-13	-54.10	-76.12	-70.60	1.85	7.50	V

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

LTE Band 7 / 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	5064	-63.71	-25	-38.71	-72.93	-70.27	2.41	8.97	H
	7598.52	-61.17	-25	-36.17	-74.87	-70.17	2.86	11.86	H
	10134	-58.13	-25	-33.13	-76.48	-67.03	3.21	12.11	H
	5064	-65.40	-25	-40.40	-74.11	-71.96	2.41	8.97	V
	7598.52	-60.67	-25	-35.67	-75.3	-69.67	2.86	11.86	V
	10134	-57.01	-25	-32.01	-76.41	-65.91	3.21	12.11	V

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

LTE Band 7 / 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	5060	-64.29	-25	-39.29	-73.51	-70.85	2.41	8.97	H
	7592	-60.26	-25	-35.26	-73.96	-69.26	2.86	11.86	H
	10125	-57.80	-25	-32.80	-76.15	-66.70	3.21	12.11	H
	5060	-64.12	-25	-39.12	-72.83	-70.68	2.41	8.97	V
	7592	-59.67	-25	-34.67	-74.3	-68.67	2.86	11.86	V
	10125	-56.68	-25	-31.68	-76.08	-65.58	3.21	12.11	V

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

LTE Band 7 / 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	5056	-63.78	-25	-38.78	-73.00	-70.34	2.41	8.97	H
	7585	-61.04	-25	-36.04	-74.74	-70.04	2.86	11.86	H
	10116	-57.56	-25	-32.56	-75.91	-66.46	3.21	12.11	H
	5056	-65.14	-25	-40.14	-73.85	-71.70	2.41	8.97	V
	7585	-60.79	-25	-35.79	-75.42	-69.79	2.86	11.86	V
	10116	-56.47	-25	-31.47	-75.87	-65.37	3.21	12.11	V

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

LTE Band 7 / 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	5052	-64.98	-25	-39.98	-74.20	-71.54	2.41	8.97	H
	7578	-61.42	-25	-36.42	-75.12	-70.42	2.86	11.86	H
	10107	-57.79	-25	-32.79	-76.14	-66.69	3.21	12.11	H
	5052	-65.72	-25	-40.72	-74.43	-72.28	2.41	8.97	V
	7578	-61.00	-25	-36.00	-75.63	-70.00	2.86	11.86	V
	10107	-56.60	-25	-31.60	-76	-65.50	3.21	12.11	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	1414	-51.44	-13	-38.44	-56.72	-52.34	1.14	4.19	H
	2120	-60.67	-13	-47.67	-65.26	-62.13	1.4	5.01	H
	2828	-67.75	-13	-54.75	-71.72	-70.28	1.63	6.31	H
	1414	-52.26	-13	-39.26	-57.12	-53.16	1.14	4.19	V
	2120	-60.70	-13	-47.70	-65.28	-62.16	1.40	5.01	V
	2828	-68.38	-13	-55.38	-73.06	-70.91	1.63	6.31	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	-51.10	-13	-38.10	-56.50	-52.00	1.14	4.19	H
	2118	-61.16	-13	-48.16	-65.75	-62.62	1.4	5.01	H
	2824	-67.91	-13	-54.91	-71.88	-70.44	1.63	6.31	H
	1412	-51.74	-13	-38.74	-56.73	-52.64	1.14	4.19	V
	2118	-57.67	-13	-44.67	-62.91	-59.13	1.40	5.01	V
	2824	-68.64	-13	-55.64	-73.32	-71.17	1.63	6.31	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	-50.96	-13	-37.96	-56.40	-51.86	1.14	4.19	H
	2116	-61.47	-13	-48.47	-66.06	-62.93	1.4	5.01	H
	2822	-68.53	-13	-55.53	-72.50	-71.06	1.63	6.31	H
	1410	-51.67	-13	-38.67	-56.68	-52.57	1.14	4.19	V
	2116	-59.78	-13	-46.78	-64.36	-61.24	1.40	5.01	V
	2822	-68.02	-13	-55.02	-72.70	-70.55	1.63	6.31	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	-50.50	-13	-37.50	-56.05	-51.40	1.14	4.19	H
	2108	-61.78	-13	-48.78	-66.37	-63.24	1.4	5.01	H
	2812	-68.49	-13	-55.49	-72.46	-71.02	1.63	6.31	H
	1406	-50.90	-13	-37.90	-56.13	-51.80	1.14	4.19	V
	2108	-59.78	-13	-46.78	-64.36	-61.24	1.40	5.01	V
	2812	-68.26	-13	-55.26	-72.94	-70.79	1.63	6.31	V

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

LTE Band 17 / 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	1416	-56.31	-13	-43.31	-59.71	-57.21	1.14	4.19	H
	2124	-65.52	-13	-52.52	-70.11	-66.98	1.4	5.01	H
	2832	-67.97	-13	-54.97	-71.94	-70.50	1.63	6.31	H
	3540	-65.40	-13	-52.40	-73.03	-68.14	1.89	6.78	H
	1416	-56.67	-13	-43.67	-59.95	-57.57	1.14	4.19	V
	2124	-64.50	-13	-51.50	-69.08	-65.96	1.40	5.01	V
	2832	-67.76	-13	-54.76	-72.44	-70.29	1.63	6.31	V
	3540	-69.14	-13	-56.14	-75.55	-71.88	1.89	6.78	V

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

LTE Band 17 / 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	1410	-53.87	-13	-40.87	-58.46	-54.77	1.14	4.19	H
	2116	-63.55	-13	-50.55	-68.14	-65.01	1.4	5.01	H
	2822	-65.60	-13	-52.60	-69.57	-68.13	1.63	6.31	H
	3528	-64.19	-13	-51.19	-71.82	-66.93	1.89	6.78	H
	1410	-52.92	-13	-39.92	-57.63	-53.82	1.14	4.19	V
	2116	-64.15	-13	-51.15	-68.73	-65.61	1.40	5.01	V
	2822	-68.37	-13	-55.37	-73.05	-70.90	1.63	6.31	V
	3528	-68.04	-13	-55.04	-74.45	-70.78	1.89	6.78	V

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