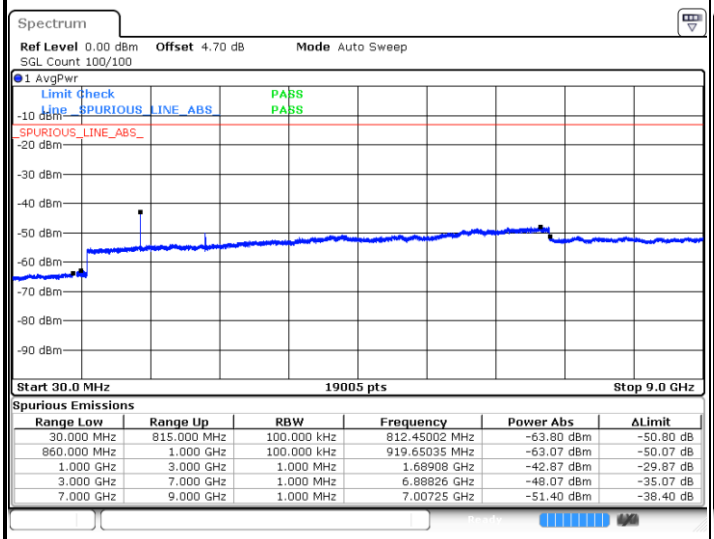
LTE Band 5 / 5MHz

Highest Channel / QPSK

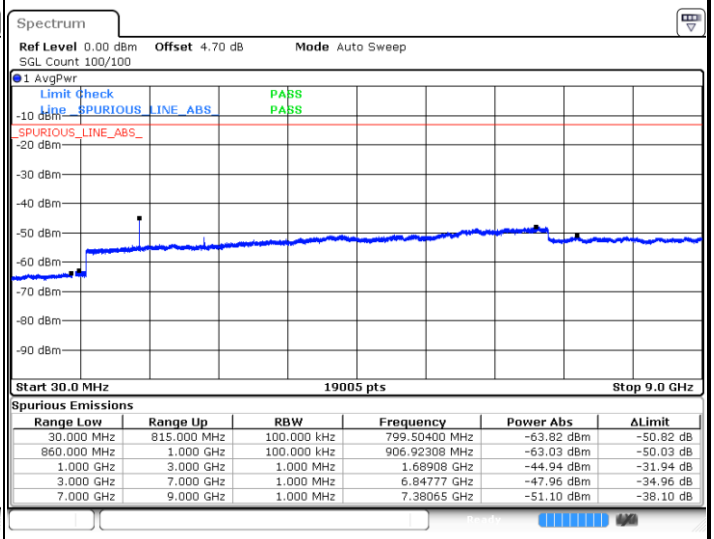


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-63.80 dBm	-50.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	919.65035 MHz	-63.07 dBm	-50.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.87 dBm	-29.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88826 GHz	-48.07 dBm	-35.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00725 GHz	-51.40 dBm	-38.40 dB

Date: 14.AUG.2019 06:50:41

Highest Channel / 16QAM



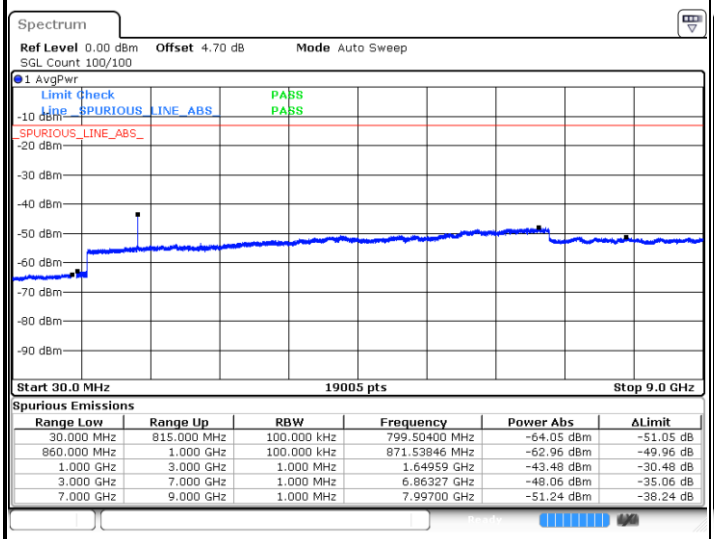
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-63.82 dBm	-50.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	906.92308 MHz	-63.03 dBm	-50.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.94 dBm	-31.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84777 GHz	-47.96 dBm	-34.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38065 GHz	-51.10 dBm	-38.10 dB

Date: 14.AUG.2019 06:51:36

LTE Band 5 / 10MHz

Lowest Channel / QPSK

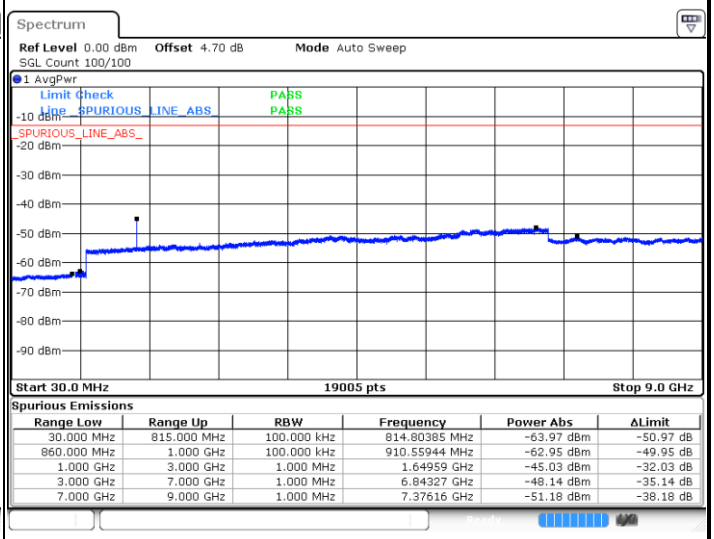


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-64.05 dBm	-51.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.53846 MHz	-62.96 dBm	-49.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-43.48 dBm	-30.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86327 GHz	-48.06 dBm	-35.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99700 GHz	-51.24 dBm	-38.24 dB

Date: 14.AUG.2019 06:53:18

Lowest Channel / 16QAM



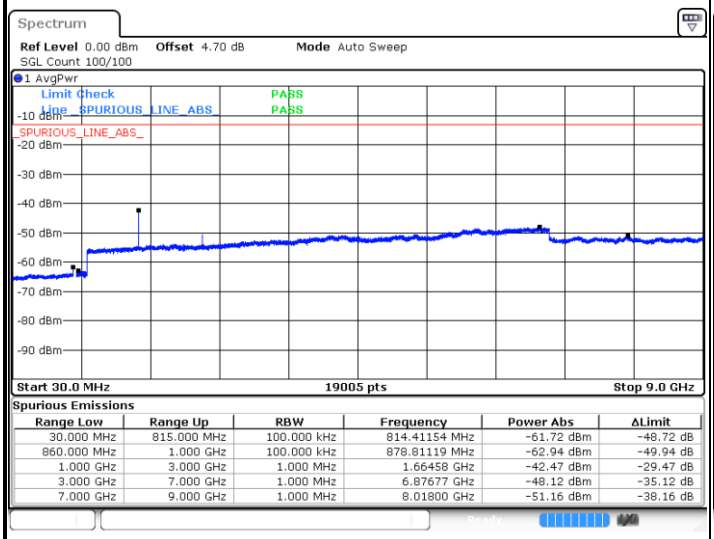
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-63.97 dBm	-50.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	910.55944 MHz	-62.95 dBm	-49.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.03 dBm	-32.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84327 GHz	-48.14 dBm	-35.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37616 GHz	-51.18 dBm	-38.18 dB

Date: 14.AUG.2019 06:54:12

LTE Band 5 / 10MHz

Middle Channel / QPSK

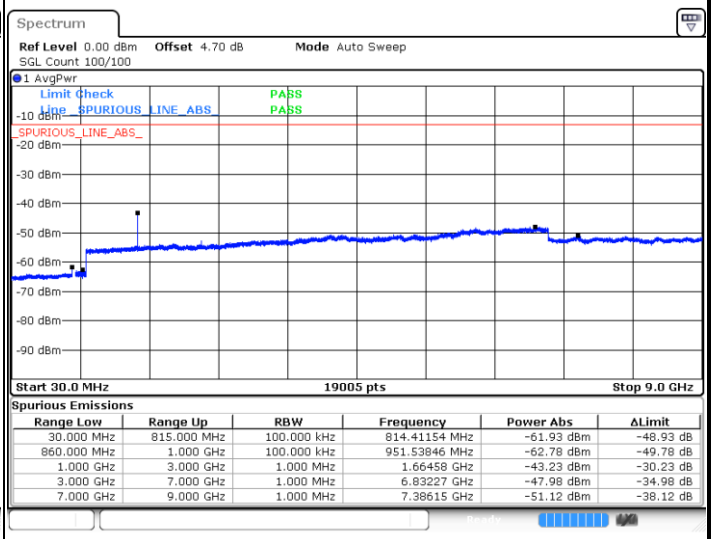


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-61.72 dBm	-48.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.81119 MHz	-62.94 dBm	-49.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-42.47 dBm	-29.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87677 GHz	-48.12 dBm	-35.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01800 GHz	-51.16 dBm	-38.16 dB

Date: 14.AUG.2019 06:56:35

Middle Channel / 16QAM

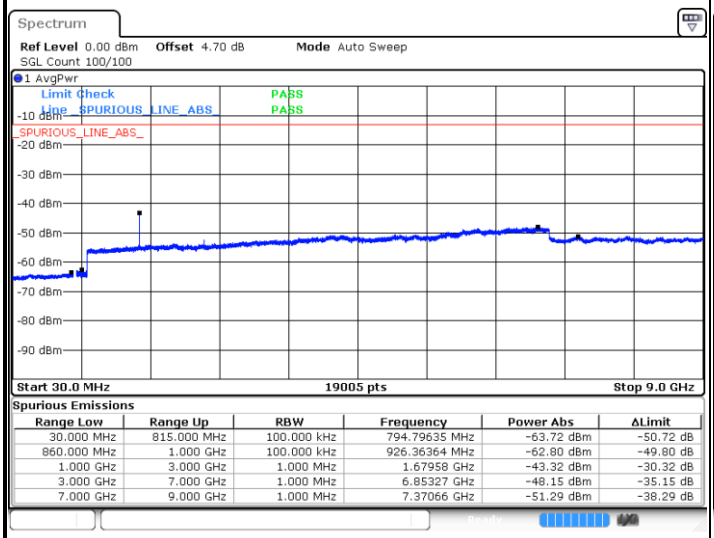


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-61.93 dBm	-48.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.53846 MHz	-62.78 dBm	-49.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-43.23 dBm	-30.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83227 GHz	-47.98 dBm	-34.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38615 GHz	-51.12 dBm	-38.12 dB

Date: 14.AUG.2019 06:57:30

Highest Channel / QPSK

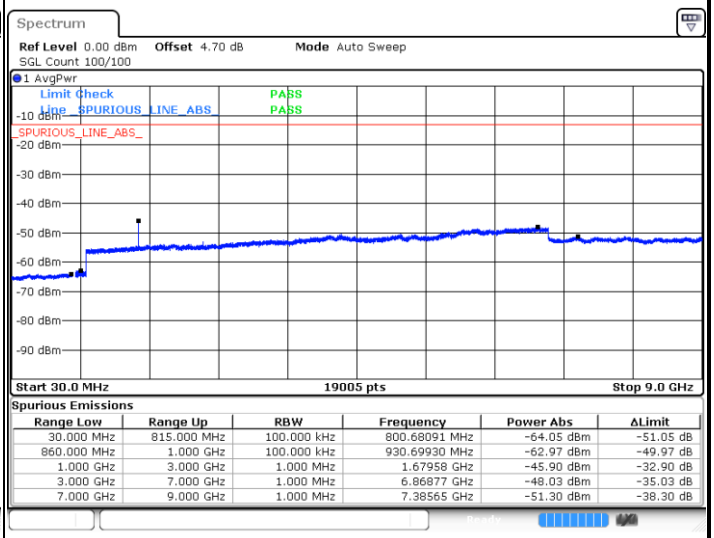


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-63.72 dBm	-50.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	926.36364 MHz	-62.80 dBm	-49.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-43.32 dBm	-30.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85327 GHz	-48.15 dBm	-35.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37066 GHz	-51.29 dBm	-38.29 dB

Date: 14.AUG.2019 07:10:06

Highest Channel / 16QAM



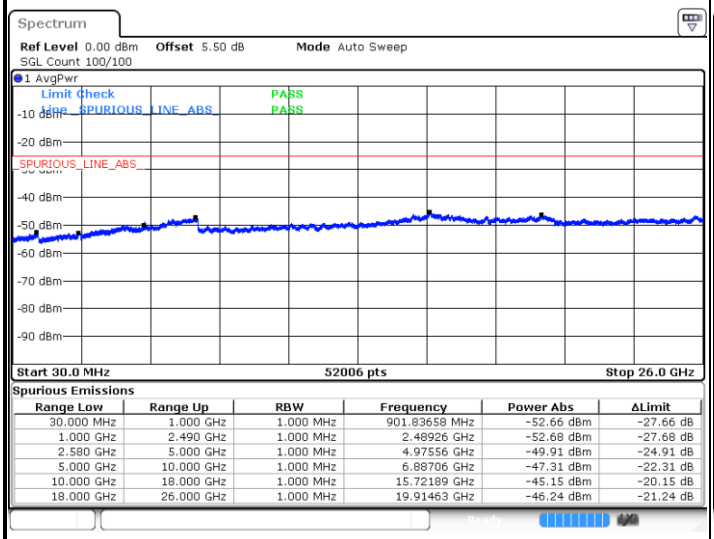
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	800.68091 MHz	-64.05 dBm	-51.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.69930 MHz	-62.97 dBm	-49.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-45.90 dBm	-32.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86877 GHz	-48.03 dBm	-35.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38565 GHz	-51.30 dBm	-38.30 dB

Date: 14.AUG.2019 07:11:01

LTE Band 7 / 5MHz

Lowest Channel / QPSK

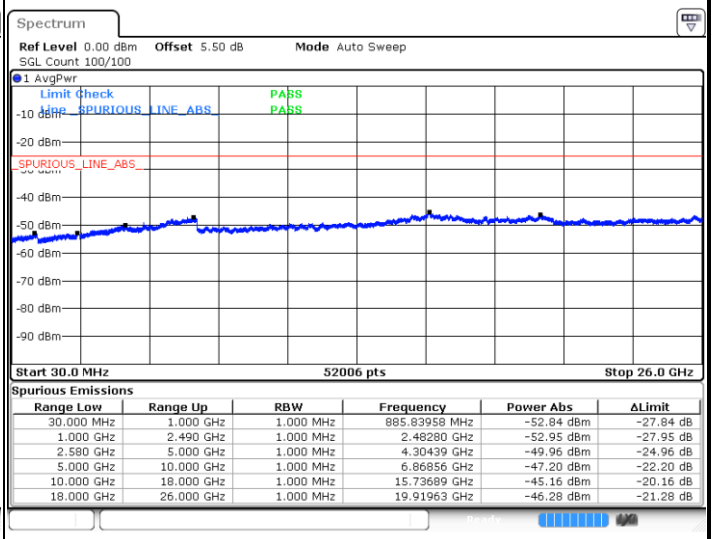


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.83658 MHz	-52.66 dBm	-27.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-52.68 dBm	-27.68 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97556 GHz	-49.91 dBm	-24.91 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88706 GHz	-47.31 dBm	-22.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72189 GHz	-45.15 dBm	-20.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91463 GHz	-46.24 dBm	-21.24 dB

Date: 2.SEP.2019 01:35:24

Lowest Channel / 16QAM

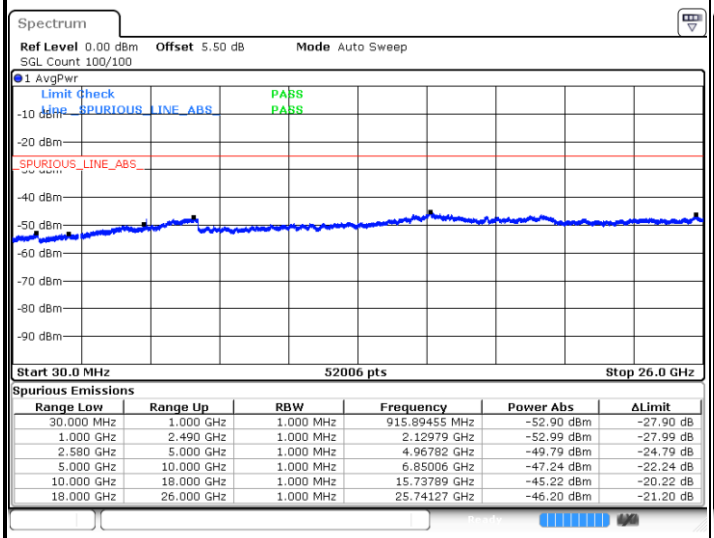


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-52.84 dBm	-27.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-52.95 dBm	-27.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30439 GHz	-49.96 dBm	-24.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86856 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73689 GHz	-45.16 dBm	-20.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91963 GHz	-46.28 dBm	-21.28 dB

Date: 2.SEP.2019 01:36:18

Middle Channel / QPSK

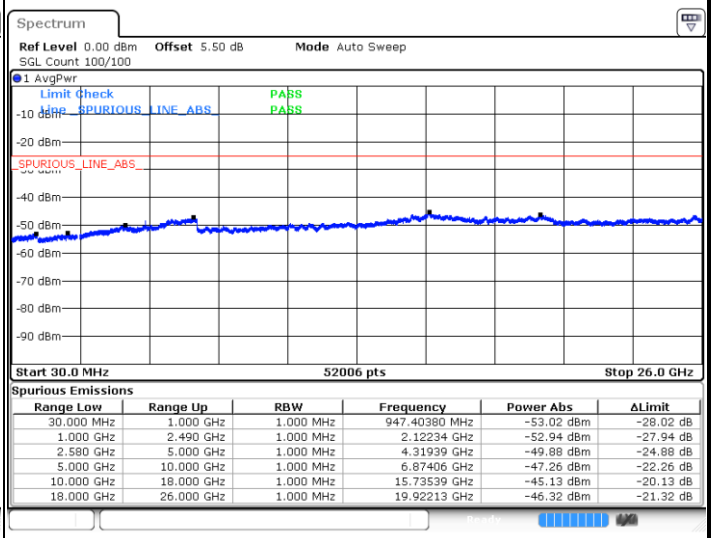


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-52.90 dBm	-27.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12979 GHz	-52.99 dBm	-27.99 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96782 GHz	-49.79 dBm	-24.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85006 GHz	-47.24 dBm	-22.24 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73789 GHz	-45.22 dBm	-20.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.74127 GHz	-46.20 dBm	-21.20 dB

Date: 2.SEP.2019 01:38:06

Middle Channel / 16QAM



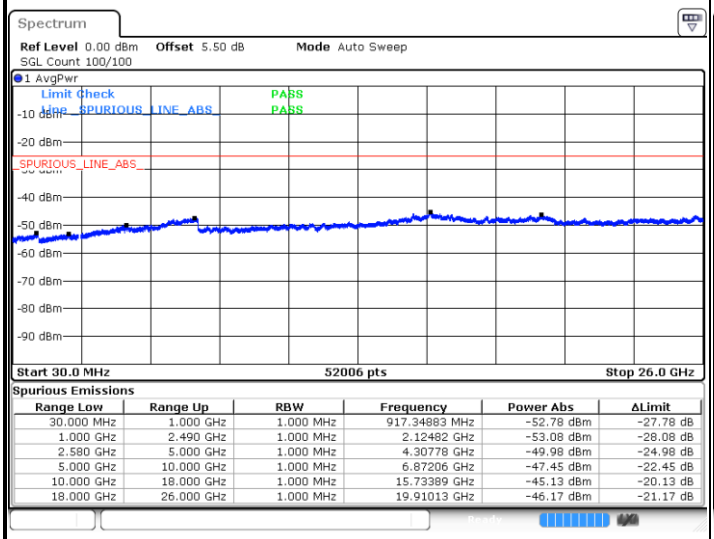
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-53.02 dBm	-28.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12234 GHz	-52.94 dBm	-27.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31939 GHz	-49.88 dBm	-24.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87406 GHz	-47.26 dBm	-22.26 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73539 GHz	-45.13 dBm	-20.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92213 GHz	-46.32 dBm	-21.32 dB

Date: 2.SEP.2019 01:37:12

LTE Band 7 / 5MHz

Highest Channel / QPSK

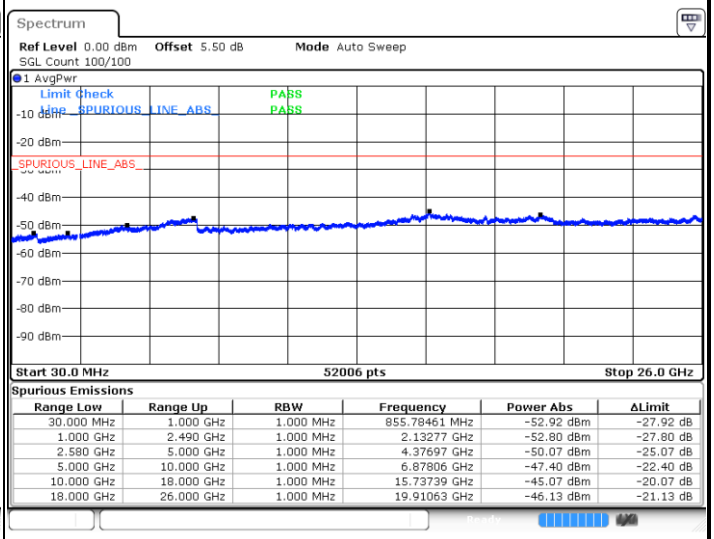


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-52.78 dBm	-27.78 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12482 GHz	-53.08 dBm	-28.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30778 GHz	-49.98 dBm	-24.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87206 GHz	-47.45 dBm	-22.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73389 GHz	-45.13 dBm	-20.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91013 GHz	-46.17 dBm	-21.17 dB

Date: 2.SEP.2019 01:38:59

Highest Channel / 16QAM



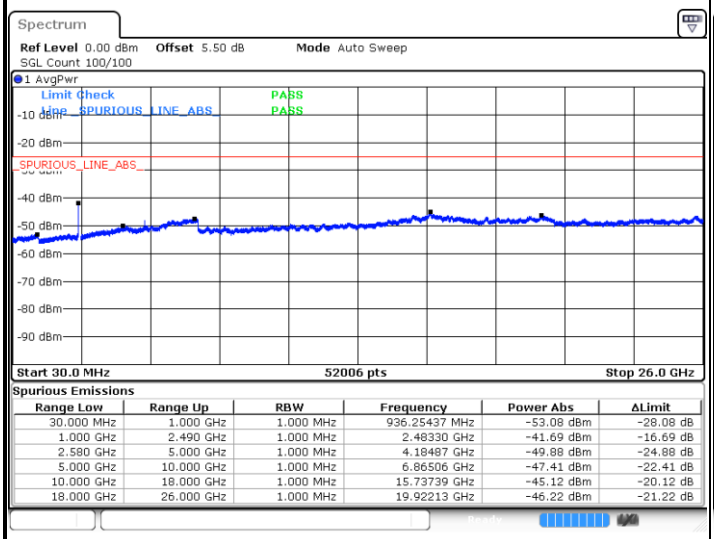
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	855.78461 MHz	-52.92 dBm	-27.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13277 GHz	-52.80 dBm	-27.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.37697 GHz	-50.07 dBm	-25.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87806 GHz	-47.40 dBm	-22.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73739 GHz	-45.07 dBm	-20.07 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91063 GHz	-46.13 dBm	-21.13 dB

Date: 2.SEP.2019 01:39:53

LTE Band 7 / 10MHz

Lowest Channel / QPSK

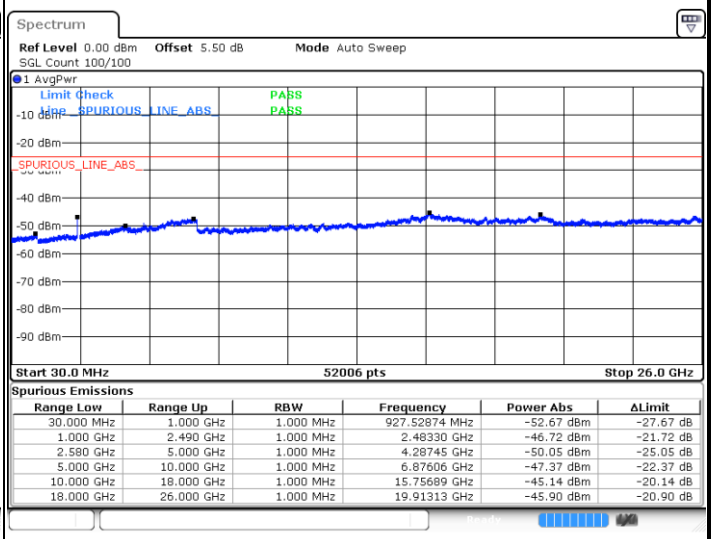


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-53.08 dBm	-28.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-41.69 dBm	-16.69 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18487 GHz	-49.88 dBm	-24.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86506 GHz	-47.41 dBm	-22.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73739 GHz	-45.12 dBm	-20.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92213 GHz	-46.22 dBm	-21.22 dB

Date: 2.SEP.2019 02:47:07

Lowest Channel / 16QAM



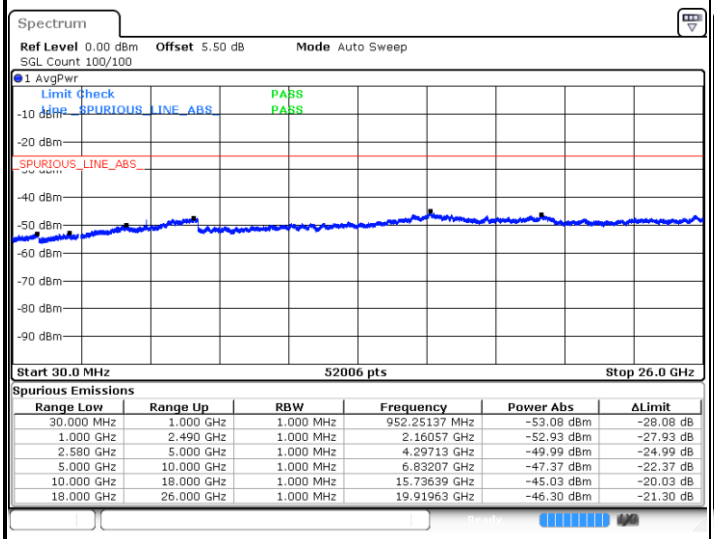
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-52.67 dBm	-27.67 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-46.72 dBm	-21.72 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28745 GHz	-50.05 dBm	-25.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87606 GHz	-47.37 dBm	-22.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75689 GHz	-45.14 dBm	-20.14 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91313 GHz	-45.90 dBm	-20.90 dB

Date: 2.SEP.2019 02:51:18

LTE Band 7 / 10MHz

Middle Channel / QPSK

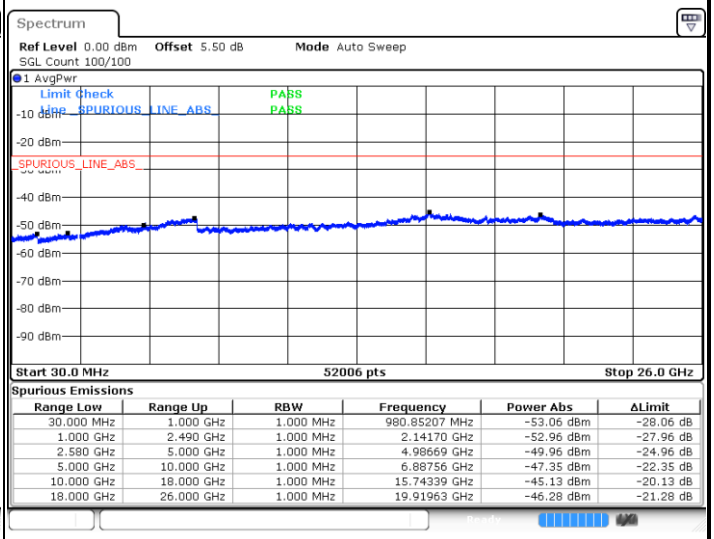


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-53.08 dBm	-28.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16057 GHz	-52.93 dBm	-27.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29713 GHz	-49.99 dBm	-24.99 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.83207 GHz	-47.37 dBm	-22.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73639 GHz	-45.03 dBm	-20.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91963 GHz	-46.30 dBm	-21.30 dB

Date: 2.SEP.2019 02:48:03

Middle Channel / 16QAM

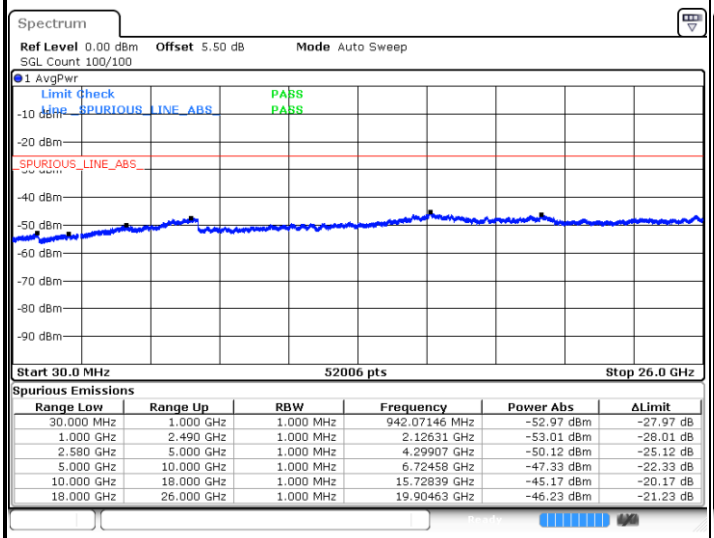


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-53.06 dBm	-28.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14170 GHz	-52.96 dBm	-27.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-49.96 dBm	-24.96 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88756 GHz	-47.35 dBm	-22.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74339 GHz	-45.13 dBm	-20.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91963 GHz	-46.28 dBm	-21.28 dB

Date: 2.SEP.2019 02:50:29

Highest Channel / QPSK

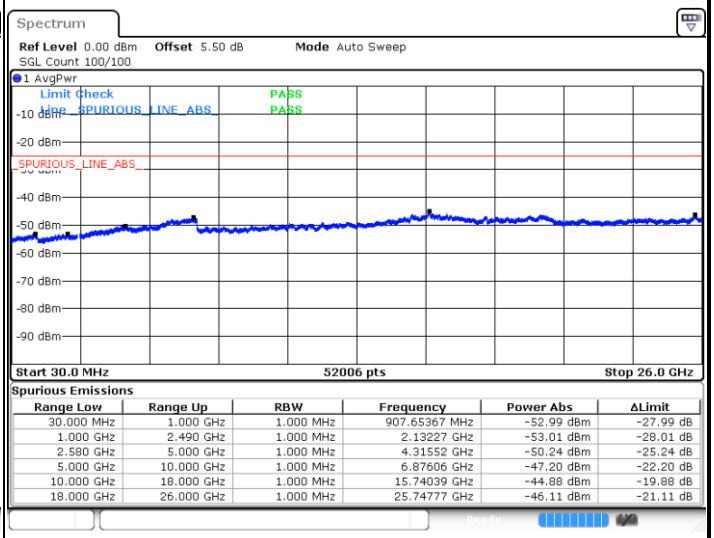


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-52.97 dBm	-27.97 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12631 GHz	-53.01 dBm	-28.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29907 GHz	-50.12 dBm	-25.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.72458 GHz	-47.33 dBm	-22.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72839 GHz	-45.17 dBm	-20.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90463 GHz	-46.23 dBm	-21.23 dB

Date: 2.SEP.2019 02:48:51

Highest Channel / 16QAM



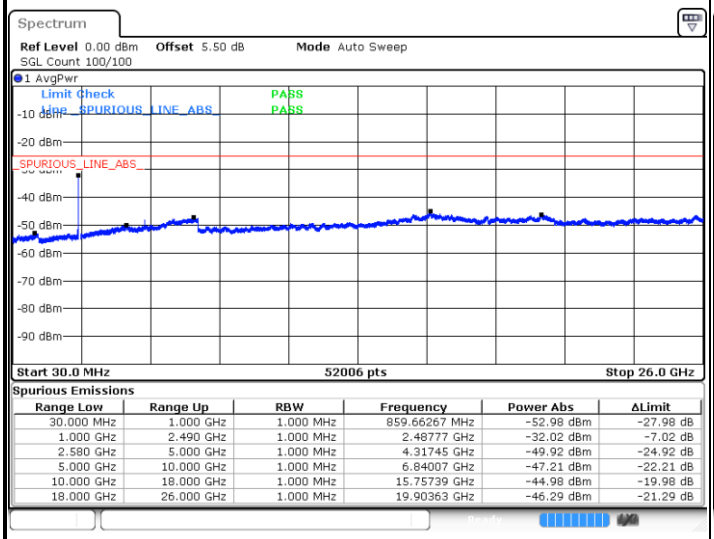
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-52.99 dBm	-27.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13227 GHz	-53.01 dBm	-28.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31552 GHz	-50.24 dBm	-25.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87606 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74039 GHz	-44.88 dBm	-19.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.74777 GHz	-46.11 dBm	-21.11 dB

Date: 2.SEP.2019 02:49:42

LTE Band 7 / 15MHz

Lowest Channel / QPSK

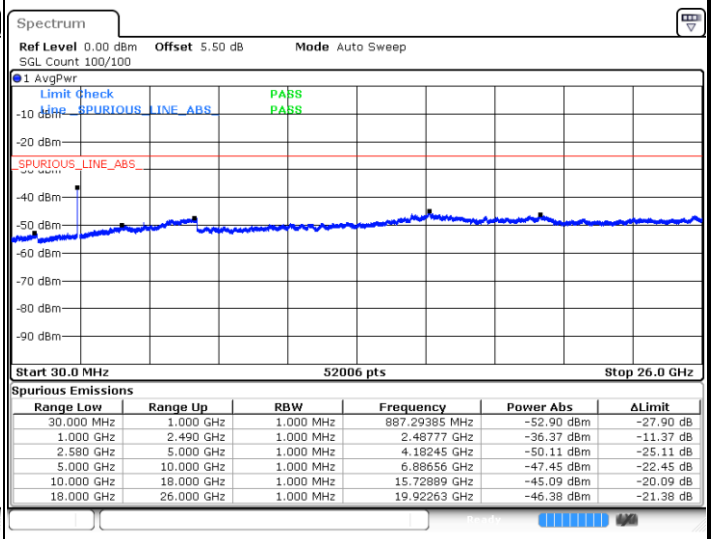


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-52.98 dBm	-27.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-32.02 dBm	-7.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31745 GHz	-49.92 dBm	-24.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84007 GHz	-47.21 dBm	-22.21 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75739 GHz	-44.98 dBm	-19.98 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90363 GHz	-46.29 dBm	-21.29 dB

Date: 2.SEP.2019 02:53:31

Lowest Channel / 16QAM

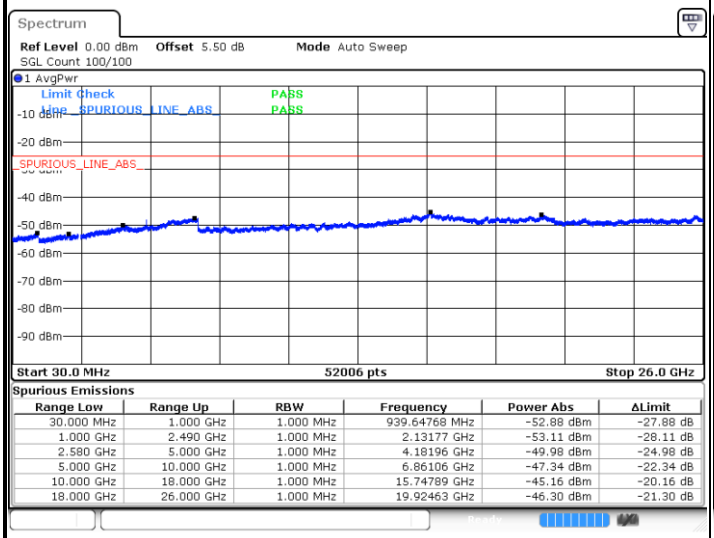


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-52.90 dBm	-27.90 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-36.37 dBm	-11.37 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18245 GHz	-50.11 dBm	-25.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88656 GHz	-47.45 dBm	-22.45 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72889 GHz	-45.09 dBm	-20.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-46.38 dBm	-21.38 dB

Date: 2.SEP.2019 03:00:37

Middle Channel / QPSK

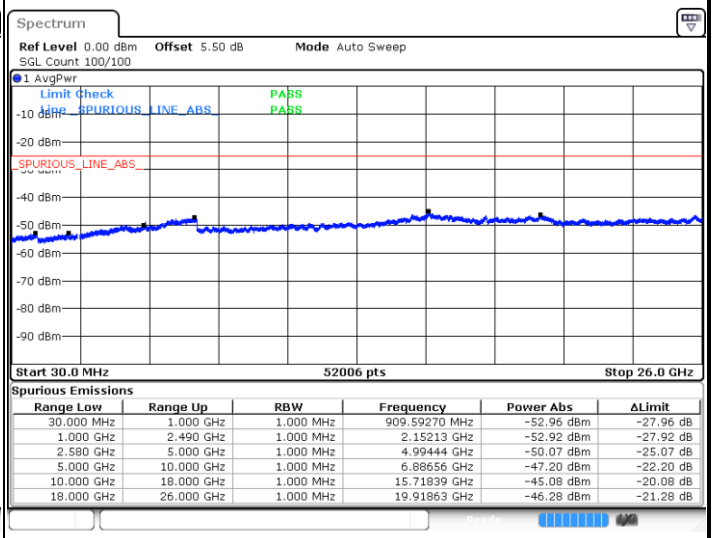


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-52.88 dBm	-27.88 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13177 GHz	-53.11 dBm	-28.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.18196 GHz	-49.98 dBm	-24.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86106 GHz	-47.34 dBm	-22.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74789 GHz	-45.16 dBm	-20.16 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92463 GHz	-46.30 dBm	-21.30 dB

Date: 2.SEP.2019 02:55:30

Middle Channel / 16QAM



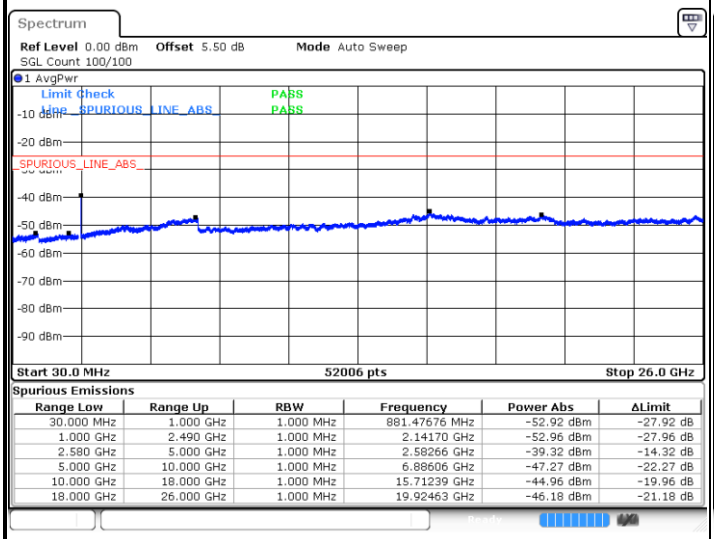
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-52.96 dBm	-27.96 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15213 GHz	-52.92 dBm	-27.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99444 GHz	-50.07 dBm	-25.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88656 GHz	-47.20 dBm	-22.20 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71839 GHz	-45.08 dBm	-20.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91863 GHz	-46.28 dBm	-21.28 dB

Date: 2.SEP.2019 03:01:46

LTE Band7 / 15MHz

Highest Channel / QPSK

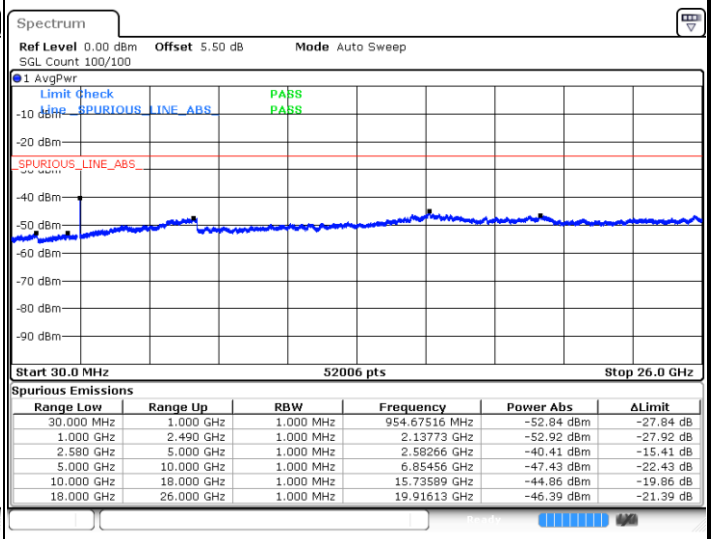


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-52.92 dBm	-27.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14170 GHz	-52.96 dBm	-27.96 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-39.32 dBm	-14.32 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88606 GHz	-47.27 dBm	-22.27 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71239 GHz	-44.96 dBm	-19.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92463 GHz	-46.18 dBm	-21.18 dB

Date: 2.SEP.2019 02:57:48

Highest Channel / 16QAM



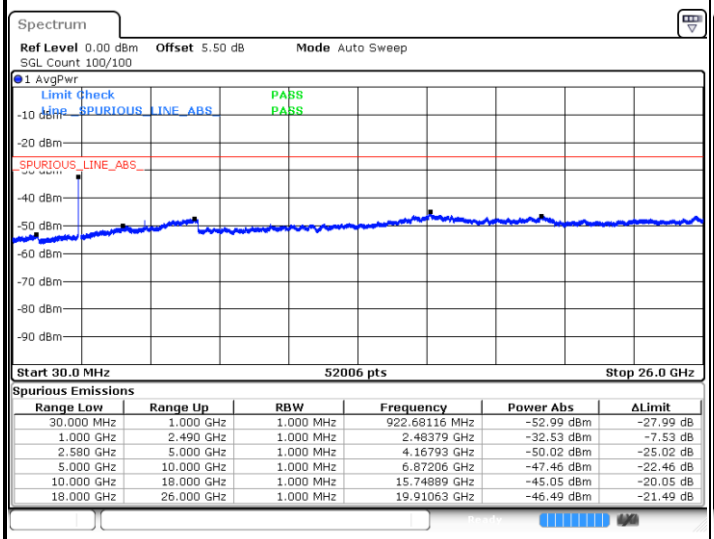
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-52.84 dBm	-27.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13773 GHz	-52.92 dBm	-27.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-40.41 dBm	-15.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85456 GHz	-47.43 dBm	-22.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73589 GHz	-44.86 dBm	-19.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91613 GHz	-46.39 dBm	-21.39 dB

Date: 2.SEP.2019 03:04:34

LTE Band 7 / 20MHz

Lowest Channel / QPSK

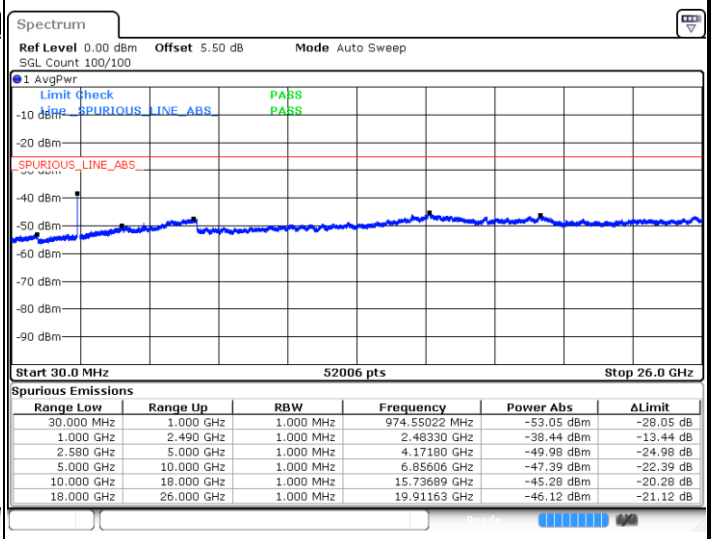


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-52.99 dBm	-27.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-32.53 dBm	-7.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16793 GHz	-50.02 dBm	-25.02 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87206 GHz	-47.46 dBm	-22.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74889 GHz	-45.05 dBm	-20.05 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91063 GHz	-46.49 dBm	-21.49 dB

Date: 2.SEP.2019 03:15:03

Lowest Channel / 16QAM



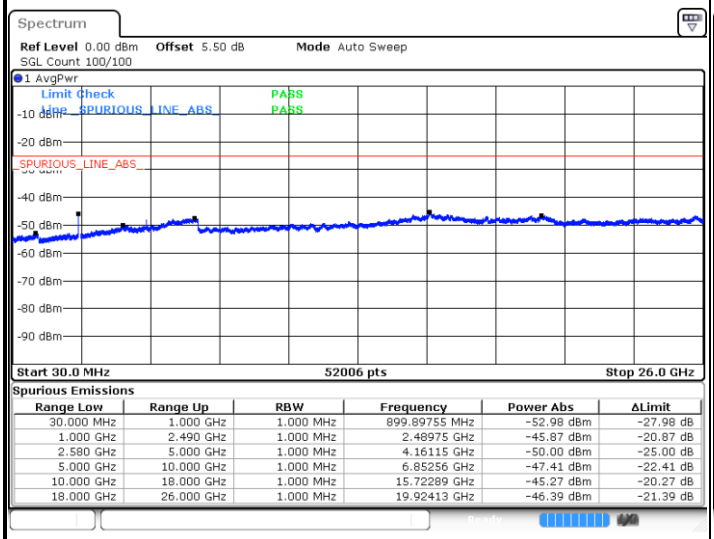
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-53.05 dBm	-28.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-38.44 dBm	-13.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17180 GHz	-49.98 dBm	-24.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85606 GHz	-47.39 dBm	-22.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73689 GHz	-45.28 dBm	-20.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91163 GHz	-46.12 dBm	-21.12 dB

Date: 2.SEP.2019 03:06:58

LTE Band 7 / 20MHz

Middle Channel / QPSK

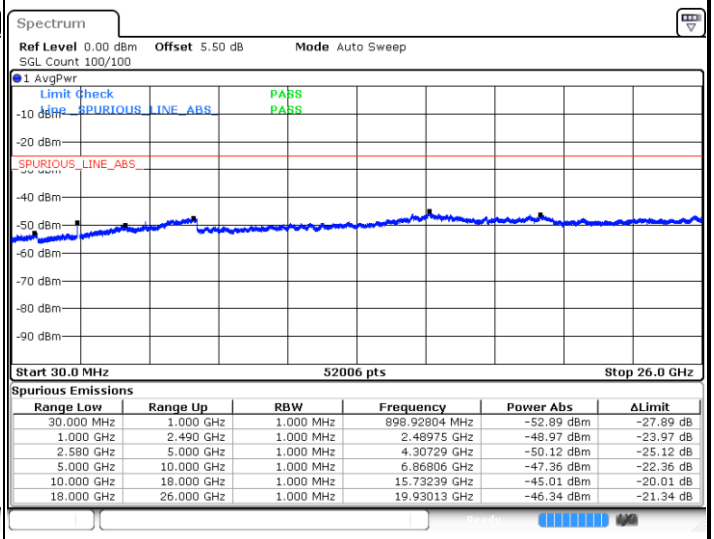


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.89755 MHz	-52.98 dBm	-27.98 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-45.87 dBm	-20.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16115 GHz	-50.00 dBm	-25.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85256 GHz	-47.41 dBm	-22.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72289 GHz	-45.27 dBm	-20.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92413 GHz	-46.39 dBm	-21.39 dB

Date: 2.SEP.2019 03:15:56

Middle Channel / 16QAM

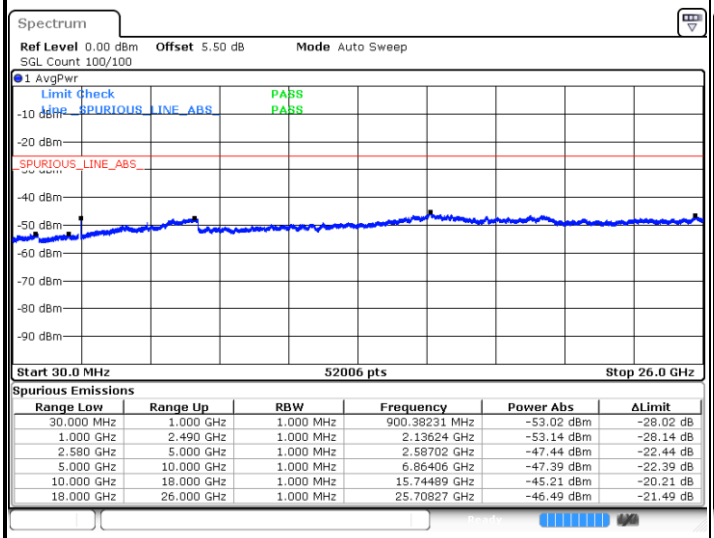


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-52.89 dBm	-27.89 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-48.97 dBm	-23.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30729 GHz	-50.12 dBm	-25.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86806 GHz	-47.36 dBm	-22.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73239 GHz	-45.01 dBm	-20.01 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93013 GHz	-46.34 dBm	-21.34 dB

Date: 2.SEP.2019 03:07:50

Highest Channel / QPSK

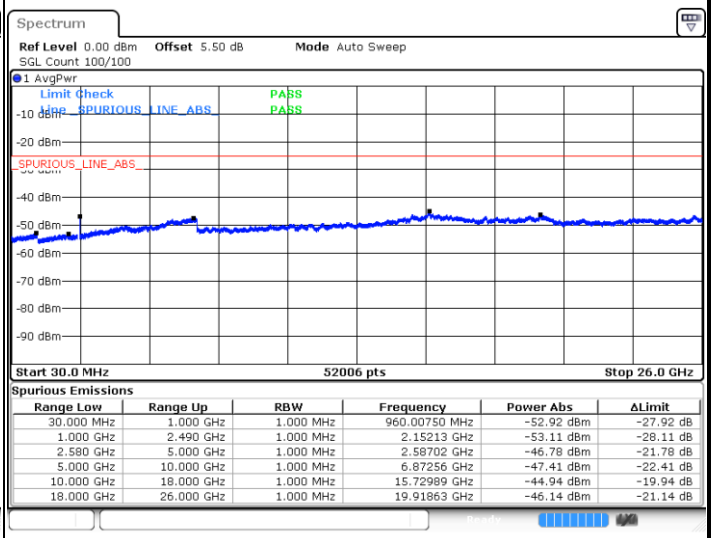


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.38231 MHz	-53.02 dBm	-28.02 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13624 GHz	-53.14 dBm	-28.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-47.44 dBm	-22.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86406 GHz	-47.39 dBm	-22.39 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74489 GHz	-45.21 dBm	-20.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.70827 GHz	-46.49 dBm	-21.49 dB

Date: 2.SEP.2019 03:18:53

Highest Channel / 16QAM



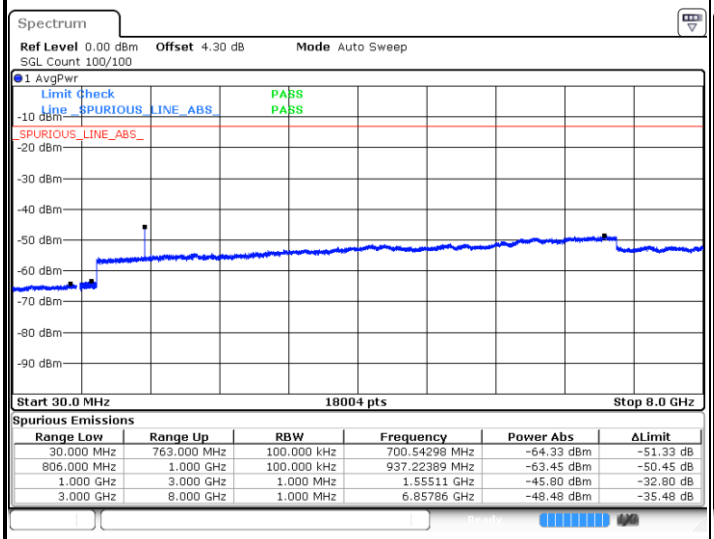
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-52.92 dBm	-27.92 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15213 GHz	-53.11 dBm	-28.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-46.78 dBm	-21.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87256 GHz	-47.41 dBm	-22.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72989 GHz	-44.94 dBm	-19.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91863 GHz	-46.14 dBm	-21.14 dB

Date: 2.SEP.2019 03:10:23

LTE Band 13 / 5MHz

Lowest Channel / QPSK

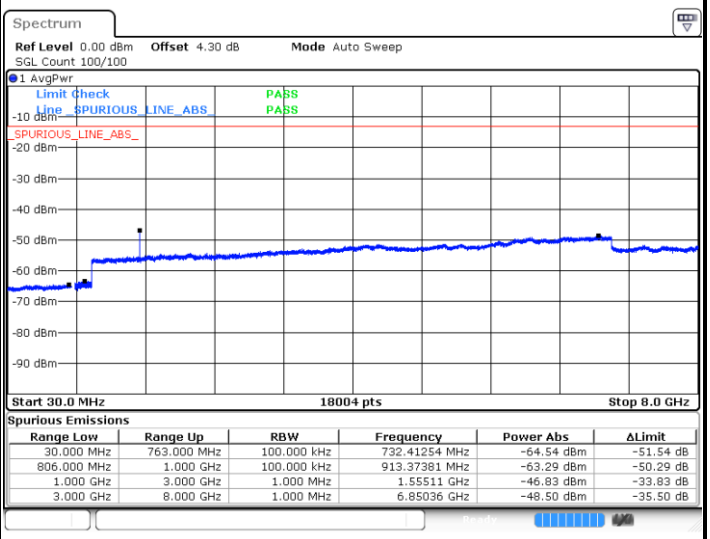


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	700.54298 MHz	-64.33 dBm	-51.33 dB
806.000 MHz	1.000 GHz	100.000 kHz	937.22389 MHz	-63.45 dBm	-50.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.85786 GHz	-48.48 dBm	-35.48 dB

Date: 2.SEP.2019 04:26:50

Lowest Channel / 16QAM

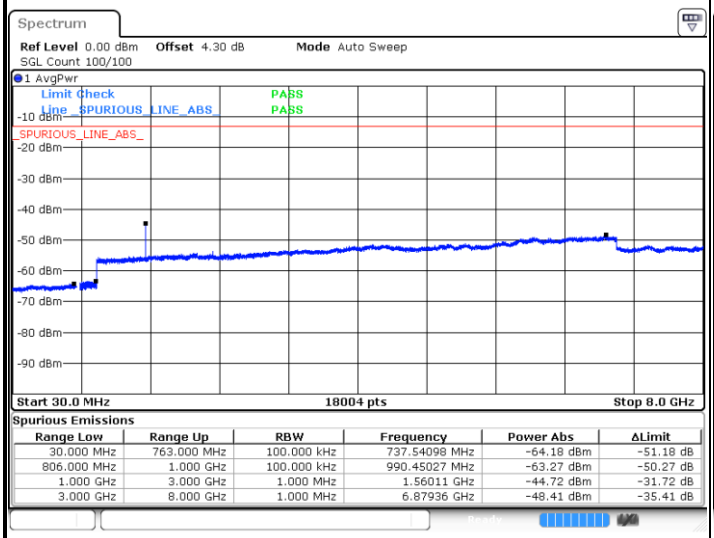


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-64.54 dBm	-51.54 dB
806.000 MHz	1.000 GHz	100.000 kHz	913.37381 MHz	-63.29 dBm	-50.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.85036 GHz	-48.50 dBm	-35.50 dB

Date: 2.SEP.2019 04:25:56

Middle Channel / QPSK

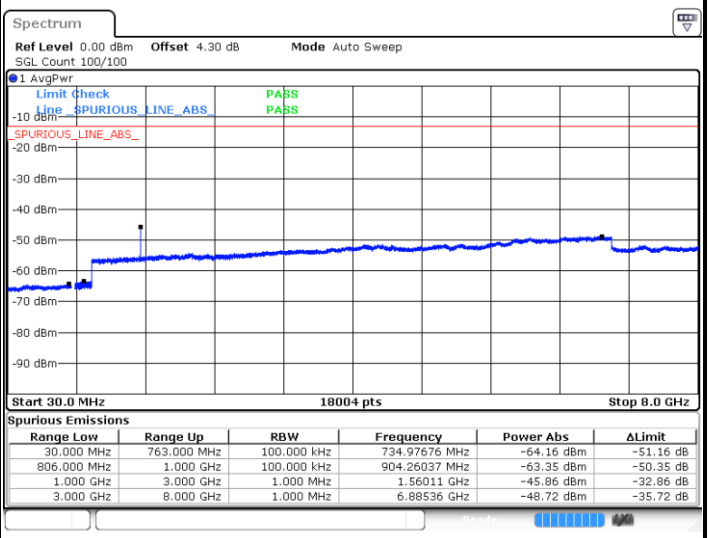


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.18 dBm	-51.18 dB
806.000 MHz	1.000 GHz	100.000 kHz	990.45027 MHz	-63.27 dBm	-50.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-44.72 dBm	-31.72 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87936 GHz	-48.41 dBm	-35.41 dB

Date: 2.SEP.2019 04:28:24

Middle Channel / 16QAM



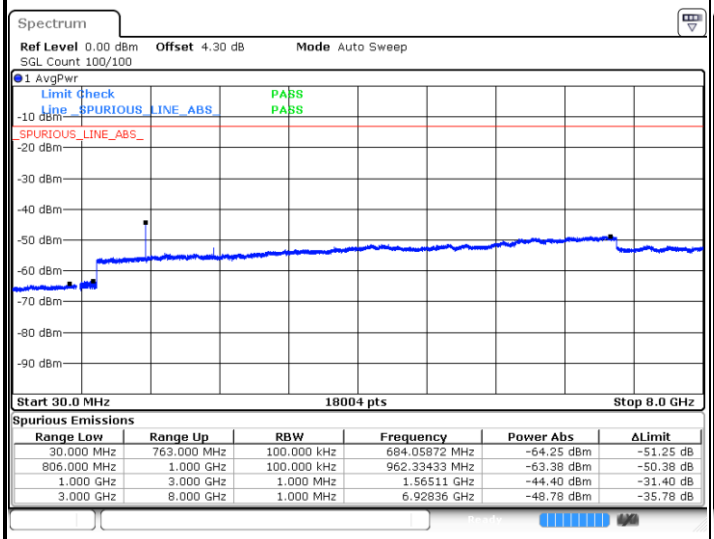
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-64.16 dBm	-51.16 dB
806.000 MHz	1.000 GHz	100.000 kHz	904.26037 MHz	-63.35 dBm	-50.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-45.86 dBm	-32.86 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.88536 GHz	-48.72 dBm	-35.72 dB

Date: 2.SEP.2019 04:29:18

LTE Band 13 / 5MHz

Highest Channel / QPSK

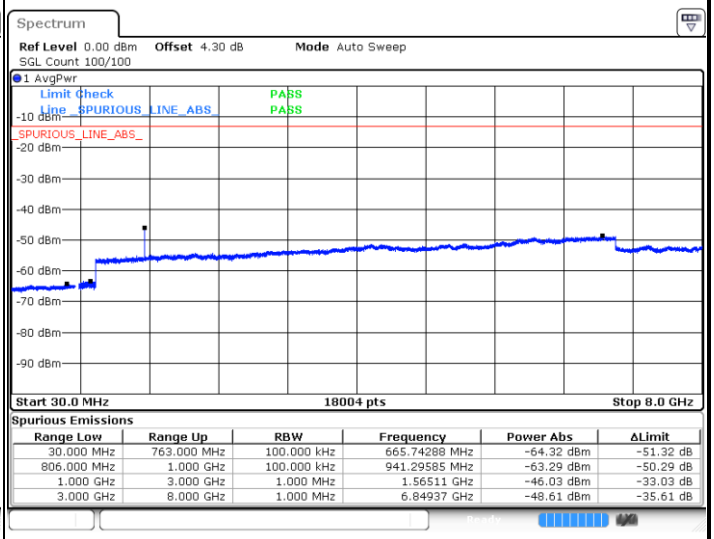


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	684.05872 MHz	-64.25 dBm	-51.25 dB
806.000 MHz	1.000 GHz	100.000 kHz	962.33433 MHz	-63.38 dBm	-50.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-44.40 dBm	-31.40 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92836 GHz	-48.78 dBm	-35.78 dB

Date: 2.SEP.2019 04:38:18

Highest Channel / 16QAM



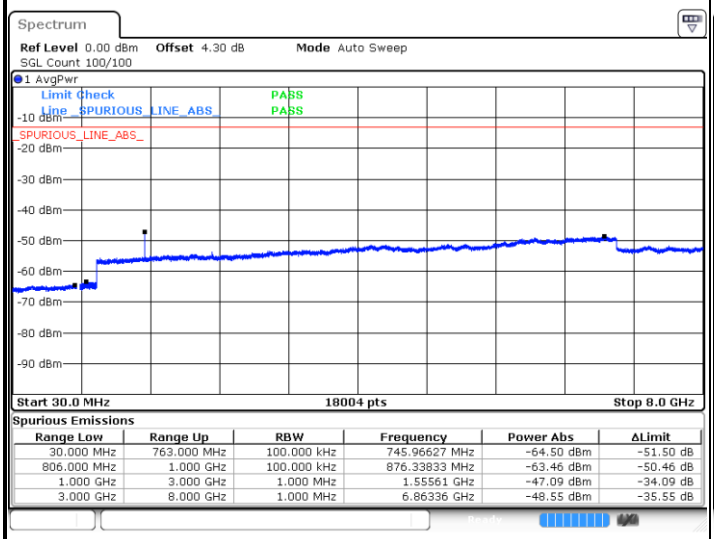
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	665.74288 MHz	-64.32 dBm	-51.32 dB
806.000 MHz	1.000 GHz	100.000 kHz	941.29585 MHz	-63.29 dBm	-50.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.84937 GHz	-48.61 dBm	-35.61 dB

Date: 2.SEP.2019 04:37:23

LTE Band 13 / 10MHz

Middle Channel / QPSK

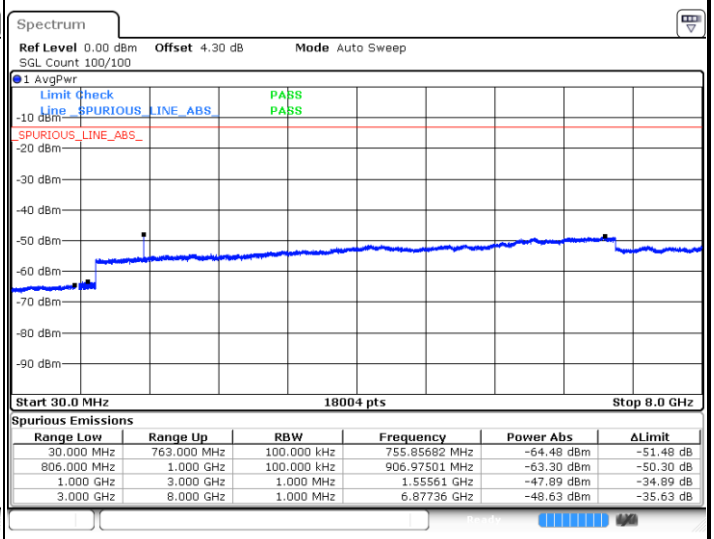


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	745.96627 MHz	-64.50 dBm	-51.50 dB
806.000 MHz	1.000 GHz	100.000 kHz	876.33833 MHz	-63.46 dBm	-50.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-47.09 dBm	-34.09 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.86336 GHz	-48.55 dBm	-35.55 dB

Date: 2.SEP.2019 04:39:12

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	755.85682 MHz	-64.48 dBm	-51.48 dB
806.000 MHz	1.000 GHz	100.000 kHz	906.97501 MHz	-63.30 dBm	-50.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-47.89 dBm	-34.89 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87736 GHz	-48.63 dBm	-35.63 dB

Date: 2.SEP.2019 04:40:06

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	0.0003	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

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

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

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

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0060	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note: Normal Voltage =3.85 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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

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

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

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

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-49.79	-13	-36.79	-62.05	2.641	14.90	H
	5613	-50.33	-13	-37.33	-62.19	2.94	14.80	H
	7488	-50.18	-13	-37.18	-59.95	3.39	13.16	H
	3741	-45.79	-13	-32.79	-58.05	2.64	14.90	V
	5613	-45.75	-13	-32.75	-57.61	2.94	14.80	V
	7488	-49.66	-13	-36.66	-59.43	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-44.02	-13	-31.02	-54.76	2.604	13.34	H
	5169	-32.43	-13	-19.43	-42.94	3.011	13.52	H
	6900	-50.26	-13	-37.26	-60.46	3.271	13.47	H
	8616	-45.24	-13	-32.24	-52.21	5.527	12.5	H
	3447	-39.33	-13	-26.33	-50.07	2.604	13.34	V
	5172	-50.16	-13	-37.16	-60.67	3.011	13.52	V
	6900	-45.75	-13	-32.75	-55.95	3.271	13.47	V
	8616	-48.43	-13	-35.43	-55.40	5.527	12.50	V

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

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-42.58	-13	-29.58	-49.55	1.58	10.70	H
	2496	-50.47	-13	-37.47	-58.72	2.102	12.50	H
	3330	-63.58	-13	-50.58	-72.47	2.856	13.90	H
	1664	-40.74	-13	-27.74	-47.71	1.58	10.70	V
	2496	-51.09	-13	-38.09	-59.34	2.10	12.50	V
	3330	-59.54	-13	-46.54	-68.43	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-43.24	-25	-18.24	-53.45	3.03	13.24	H
	7580	-39.99	-25	-14.99	-49.44	3.56	13.01	H
	10100	-46.50	-25	-21.50	-56.02	3.92	13.44	H
	5052	-33.40	-25	-8.40	-43.61	3.03	13.24	V
	7580	-36.84	-25	-11.84	-46.29	3.56	13.01	V
	10100	-50.96	-25	-25.96	-60.48	3.92	13.44	V

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

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-47.28	-42.15	-5.13	-49.91	1.09	5.87	H
	2340	-58.10	-13	-45.10	-60.50	1.37	5.92	H
	3120	-63.03	-13	-50.03	-66.92	1.64	7.68	H
	1560	-46.70	-42.15	-4.55	-49.33	1.09	5.87	V
	2340	-61.68	-13	-48.68	-64.08	1.37	5.92	V
	3120	-62.72	-13	-49.72	-66.61	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-31.47	-13	-18.47	-34.10	1.09	5.87	H
	2332	-51.37	-13	-38.37	-53.77	1.37	5.92	H
	3108	-63.61	-13	-50.61	-67.50	1.64	7.68	H
	1556	-28.59	-13	-15.59	-31.22	1.09	5.87	V
	2332	-51.83	-13	-38.83	-54.23	1.37	5.92	V
	3108	-63.47	-13	-50.47	-67.36	1.64	7.68	V

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