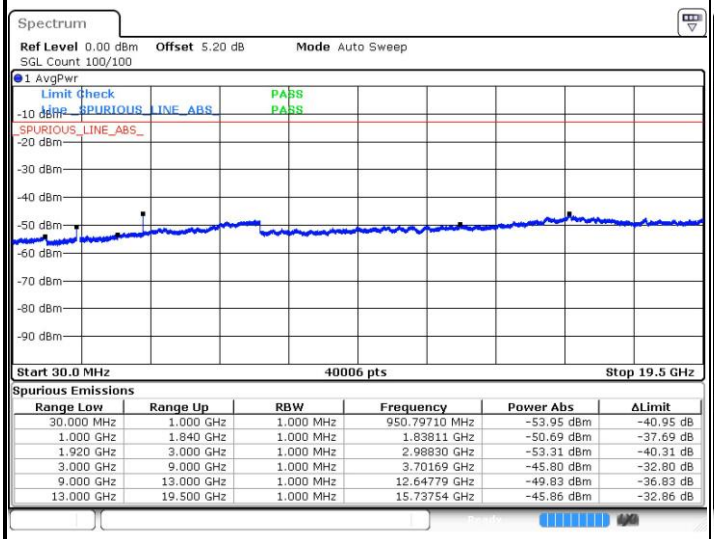
LTE Band 2 / 15MHz

Lowest Channel / 64QAM

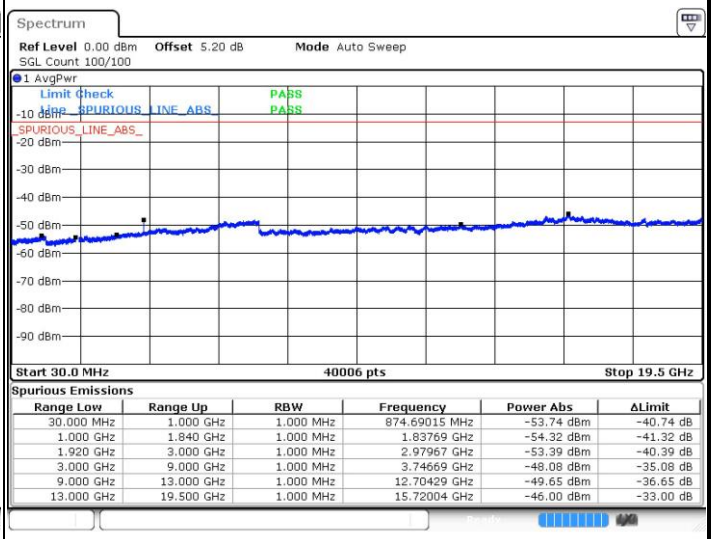


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.79710 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-50.69 dBm	-37.69 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98830 GHz	-53.31 dBm	-40.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-45.80 dBm	-32.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64779 GHz	-49.83 dBm	-36.83 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73754 GHz	-45.86 dBm	-32.86 dB

Date: 7.MAR.2019 10:30:42

Middle Channel / 64QAM

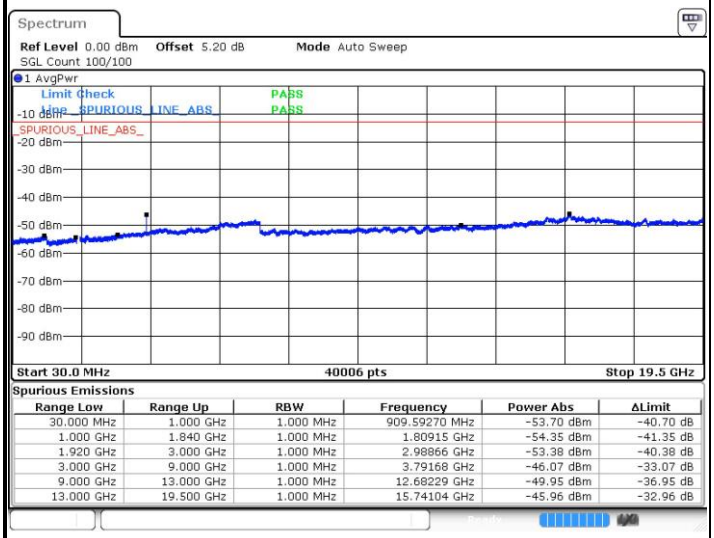


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.69015 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-54.32 dBm	-41.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97967 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-48.08 dBm	-35.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70429 GHz	-49.65 dBm	-36.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.72004 GHz	-46.00 dBm	-33.00 dB

Date: 7.MAR.2019 10:32:52

Highest Channel / 64QAM



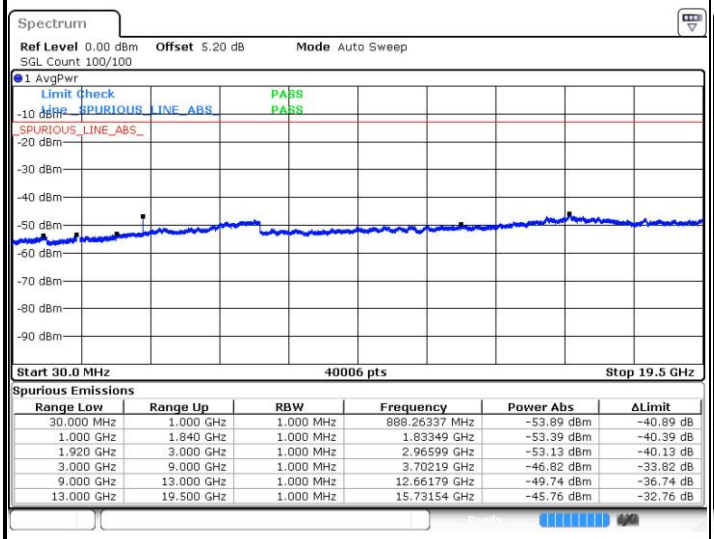
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.59270 MHz	-53.70 dBm	-40.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80915 GHz	-54.35 dBm	-41.35 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98866 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-46.07 dBm	-33.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68229 GHz	-49.95 dBm	-36.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74104 GHz	-45.96 dBm	-32.96 dB

Date: 7.MAR.2019 10:35:06

LTE Band 2 / 20MHz

Lowest Channel / 64QAM

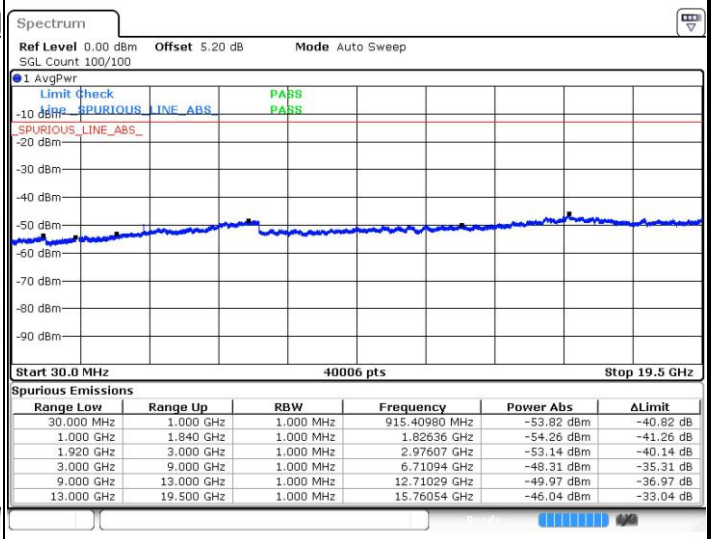


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-53.39 dBm	-40.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96599 GHz	-53.13 dBm	-40.13 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-46.82 dBm	-33.82 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66179 GHz	-49.74 dBm	-36.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73154 GHz	-45.76 dBm	-32.76 dB

Date: 7.MAR.2019 10:37:21

Middle Channel / 64QAM

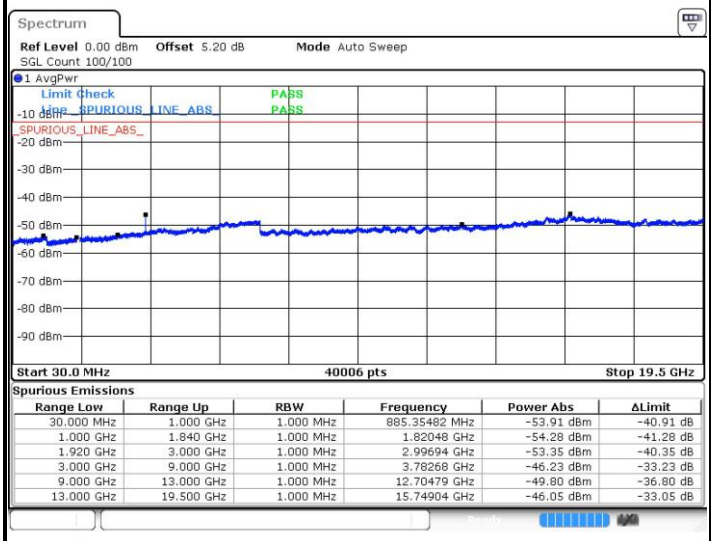


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-53.82 dBm	-40.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82636 GHz	-54.26 dBm	-41.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97607 GHz	-53.14 dBm	-40.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.71094 GHz	-48.31 dBm	-35.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.71029 GHz	-49.97 dBm	-36.97 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76054 GHz	-46.04 dBm	-33.04 dB

Date: 7.MAR.2019 10:39:24

Highest Channel / 64QAM



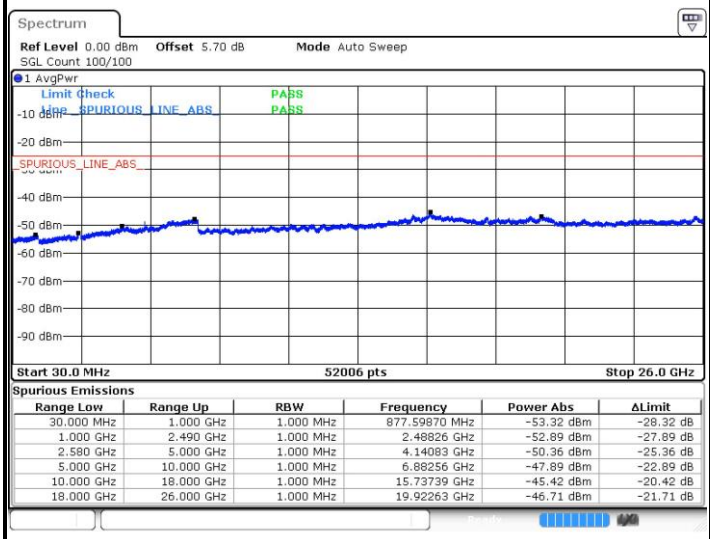
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.35482 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82048 GHz	-54.28 dBm	-41.28 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-53.35 dBm	-40.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78268 GHz	-46.23 dBm	-33.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.70479 GHz	-49.80 dBm	-36.80 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74904 GHz	-46.05 dBm	-33.05 dB

Date: 7.MAR.2019 10:41:35

LTE Band 7 / 5MHz

Lowest Channel / QPSK

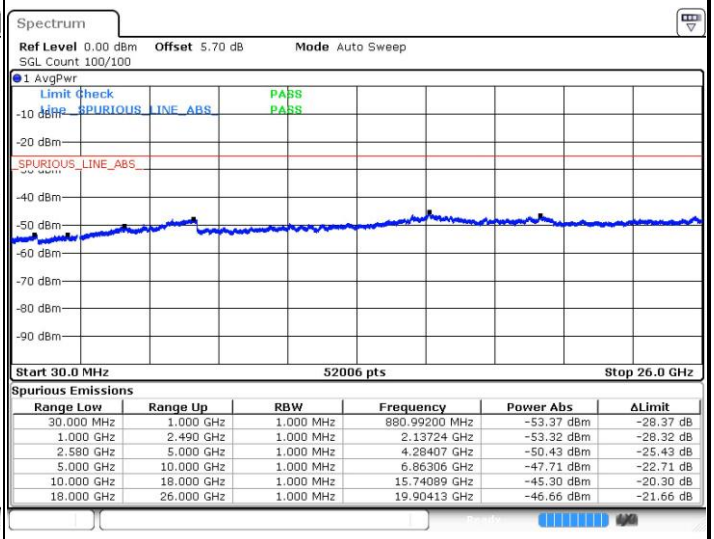


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-53.32 dBm	-28.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.89 dBm	-27.89 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.14083 GHz	-50.36 dBm	-25.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88256 GHz	-47.89 dBm	-22.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73739 GHz	-45.42 dBm	-20.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92263 GHz	-46.71 dBm	-21.71 dB

Date: 7.MAR.2019 11:13:22

Lowest Channel / 16QAM

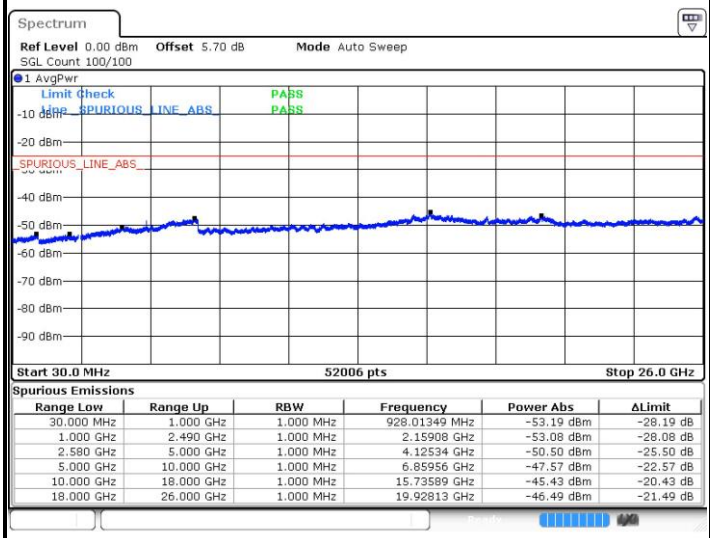


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.99200 MHz	-53.37 dBm	-28.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13724 GHz	-53.32 dBm	-28.32 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28407 GHz	-50.43 dBm	-25.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86306 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74089 GHz	-45.30 dBm	-20.30 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90413 GHz	-46.66 dBm	-21.66 dB

Date: 7.MAR.2019 11:15:40

Middle Channel / QPSK

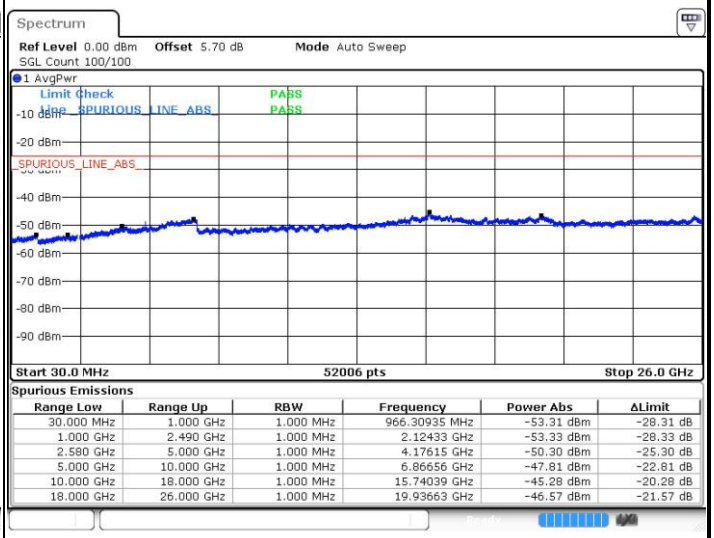


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-53.19 dBm	-28.19 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15908 GHz	-53.08 dBm	-28.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.12534 GHz	-50.50 dBm	-25.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85956 GHz	-47.57 dBm	-22.57 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73589 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92813 GHz	-46.49 dBm	-21.49 dB

Date: 7.MAR.2019 11:17:29

Middle Channel / 16QAM



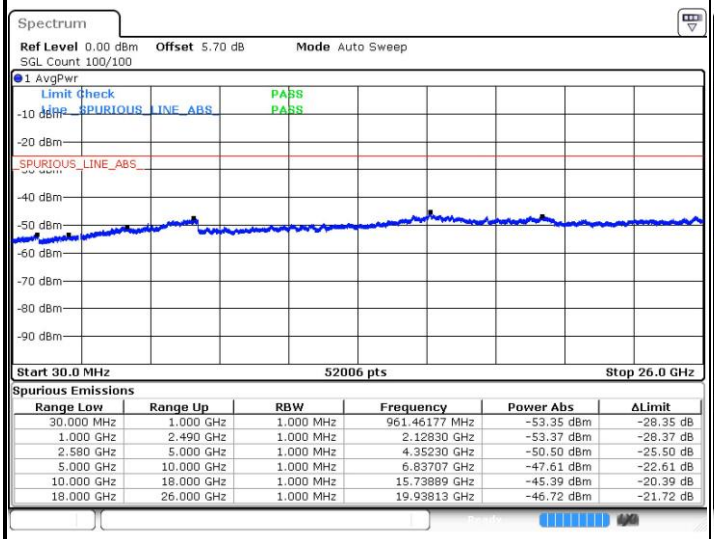
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-53.31 dBm	-28.31 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12433 GHz	-53.33 dBm	-28.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17615 GHz	-50.30 dBm	-25.30 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86656 GHz	-47.81 dBm	-22.81 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74039 GHz	-45.28 dBm	-20.28 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93663 GHz	-46.57 dBm	-21.57 dB

Date: 7.MAR.2019 11:18:17

LTE Band 7 / 5MHz

Highest Channel / QPSK

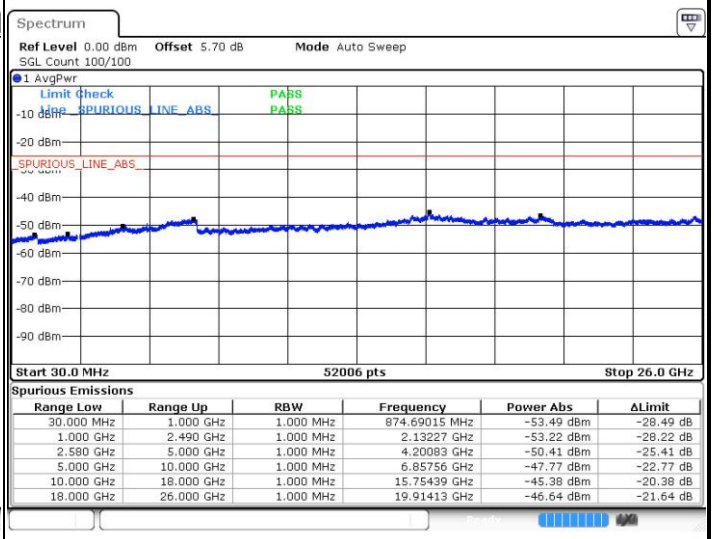


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-53.35 dBm	-28.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12830 GHz	-53.37 dBm	-28.37 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.35230 GHz	-50.50 dBm	-25.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.83707 GHz	-47.61 dBm	-22.61 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73889 GHz	-45.39 dBm	-20.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93813 GHz	-46.72 dBm	-21.72 dB

Date: 7.MAR.2019 11:20:14

Highest Channel / 16QAM



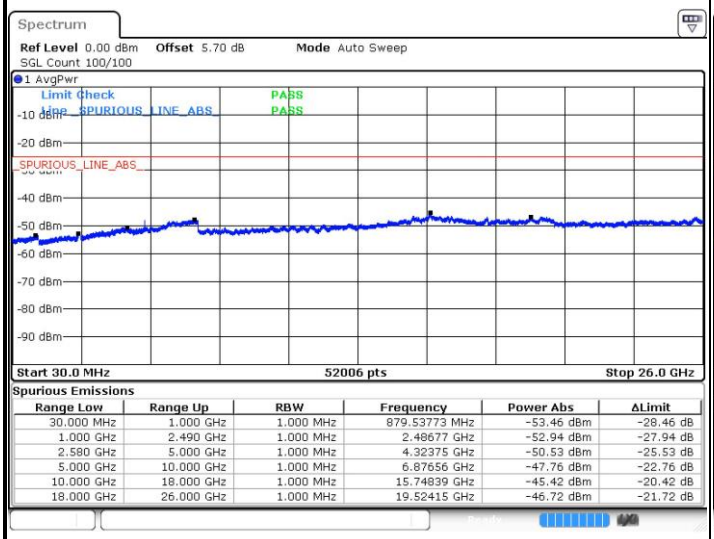
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.69015 MHz	-53.49 dBm	-28.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13227 GHz	-53.22 dBm	-28.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20083 GHz	-50.41 dBm	-25.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85756 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75439 GHz	-45.38 dBm	-20.38 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91413 GHz	-46.64 dBm	-21.64 dB

Date: 7.MAR.2019 11:21:03

LTE Band 7 / 10MHz

Lowest Channel / QPSK

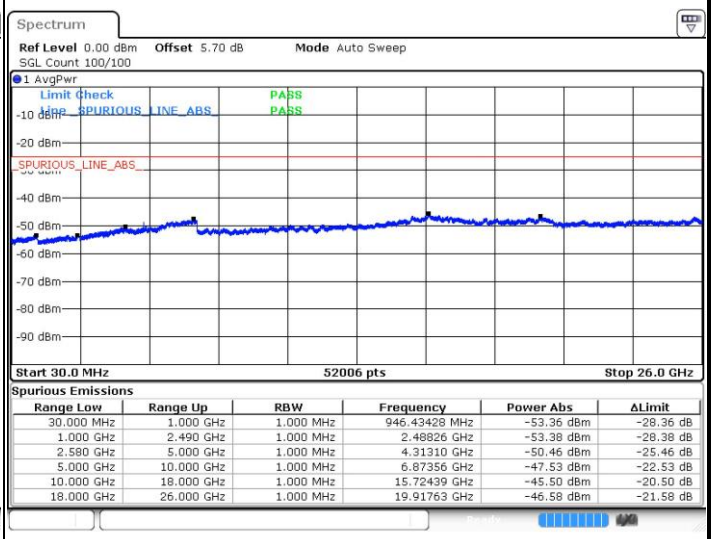


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-53.46 dBm	-28.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48677 GHz	-52.94 dBm	-27.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32375 GHz	-50.53 dBm	-25.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87656 GHz	-47.76 dBm	-22.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74839 GHz	-45.42 dBm	-20.42 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.52415 GHz	-46.72 dBm	-21.72 dB

Date: 7.MAR.2019 11:22:49

Lowest Channel / 16QAM



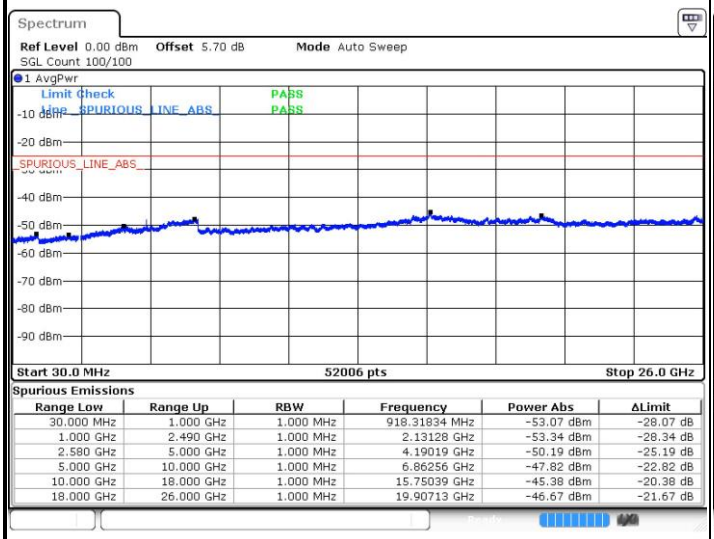
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.36 dBm	-28.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-53.38 dBm	-28.38 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31310 GHz	-50.46 dBm	-25.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87356 GHz	-47.53 dBm	-22.53 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72439 GHz	-45.50 dBm	-20.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91763 GHz	-46.58 dBm	-21.58 dB

Date: 7.MAR.2019 11:23:36

LTE Band 7 / 10MHz

Middle Channel / QPSK

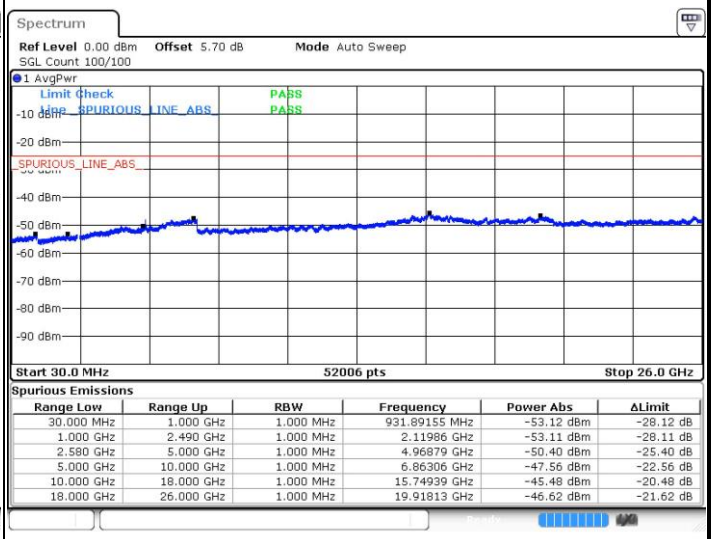


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-53.07 dBm	-28.07 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13128 GHz	-53.34 dBm	-28.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.19019 GHz	-50.19 dBm	-25.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86256 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75039 GHz	-45.38 dBm	-20.38 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90713 GHz	-46.67 dBm	-21.67 dB

Date: 7.MAR.2019 11:25:20

Middle Channel / 16QAM

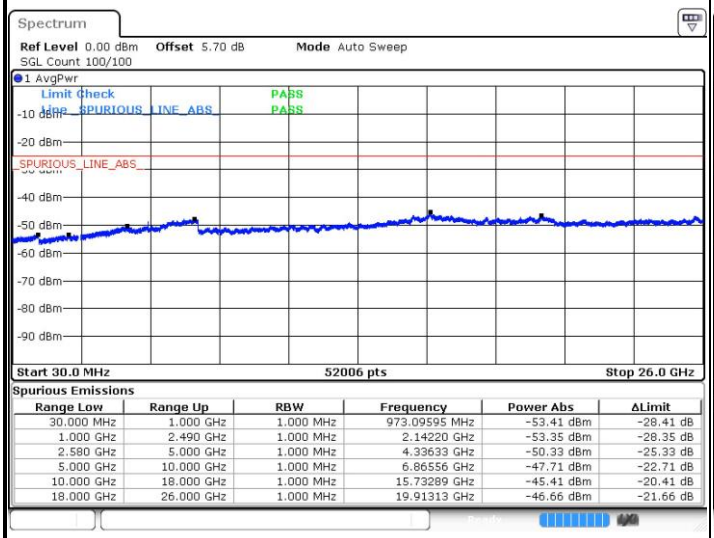


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-53.12 dBm	-28.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11986 GHz	-53.11 dBm	-28.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96879 GHz	-50.40 dBm	-25.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86306 GHz	-47.56 dBm	-22.56 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74939 GHz	-45.48 dBm	-20.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91813 GHz	-46.62 dBm	-21.62 dB

Date: 7.MAR.2019 11:26:10

Highest Channel / QPSK

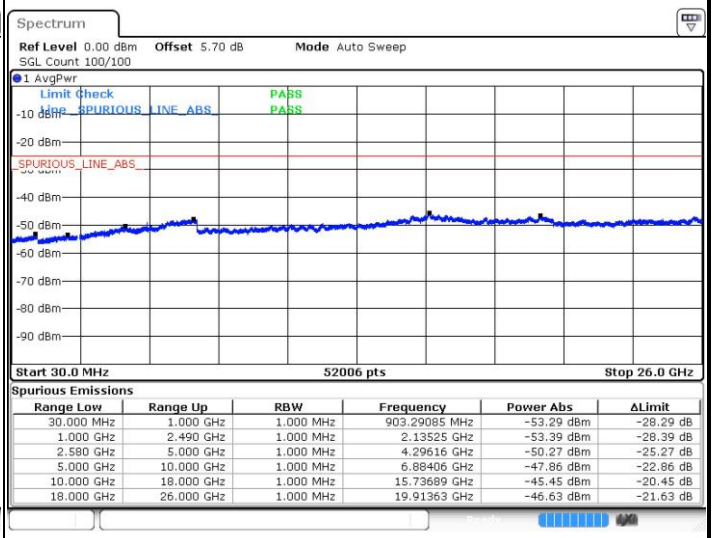


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-53.41 dBm	-28.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14220 GHz	-53.35 dBm	-28.35 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33633 GHz	-50.33 dBm	-25.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86556 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73289 GHz	-45.41 dBm	-20.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91313 GHz	-46.66 dBm	-21.66 dB

Date: 7.MAR.2019 11:28:01

Highest Channel / 16QAM



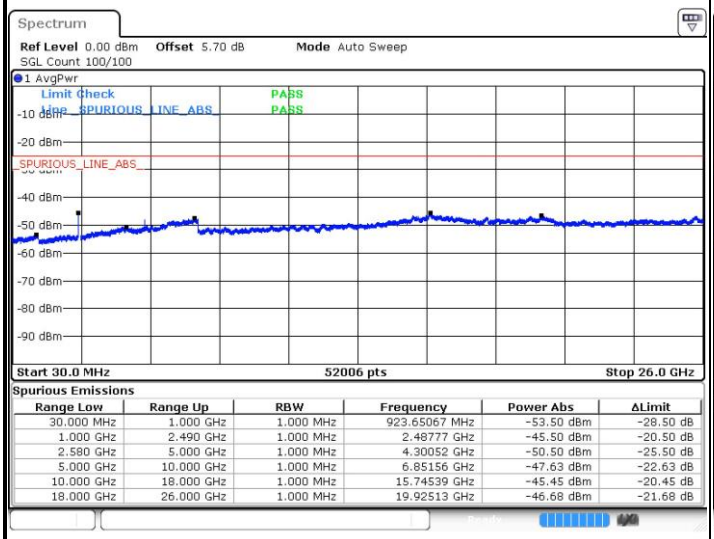
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-53.29 dBm	-28.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13525 GHz	-53.39 dBm	-28.39 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29616 GHz	-50.27 dBm	-25.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88406 GHz	-47.86 dBm	-22.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73689 GHz	-45.45 dBm	-20.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91363 GHz	-46.63 dBm	-21.63 dB

Date: 7.MAR.2019 11:28:58

LTE Band 7 / 15MHz

Lowest Channel / QPSK

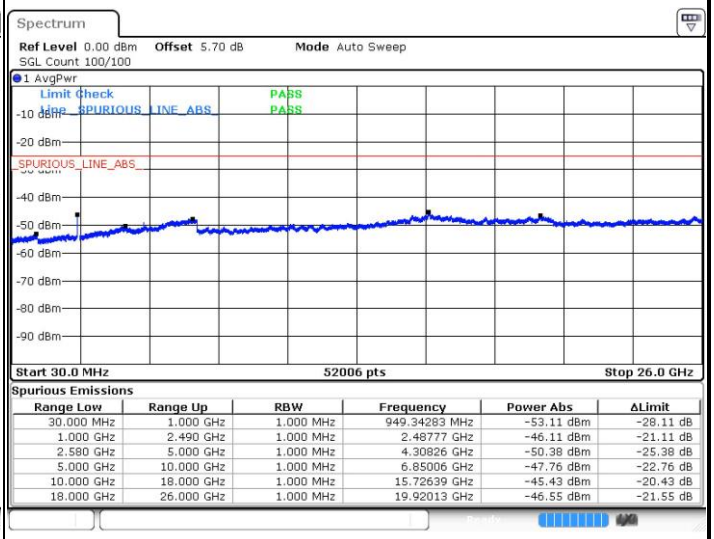


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-53.50 dBm	-28.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-45.50 dBm	-20.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30052 GHz	-50.50 dBm	-25.50 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85156 GHz	-47.63 dBm	-22.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74539 GHz	-45.45 dBm	-20.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92513 GHz	-46.68 dBm	-21.68 dB

Date: 7.MAR.2019 11:30:52

Lowest Channel / 16QAM

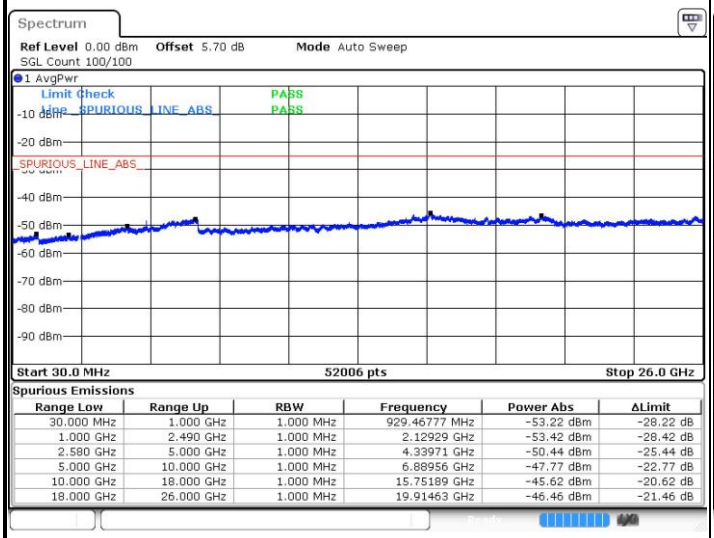


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-53.11 dBm	-28.11 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.11 dBm	-21.11 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30826 GHz	-50.38 dBm	-25.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85006 GHz	-47.76 dBm	-22.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72639 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92013 GHz	-46.55 dBm	-21.55 dB

Date: 7.MAR.2019 11:31:38

Middle Channel / QPSK

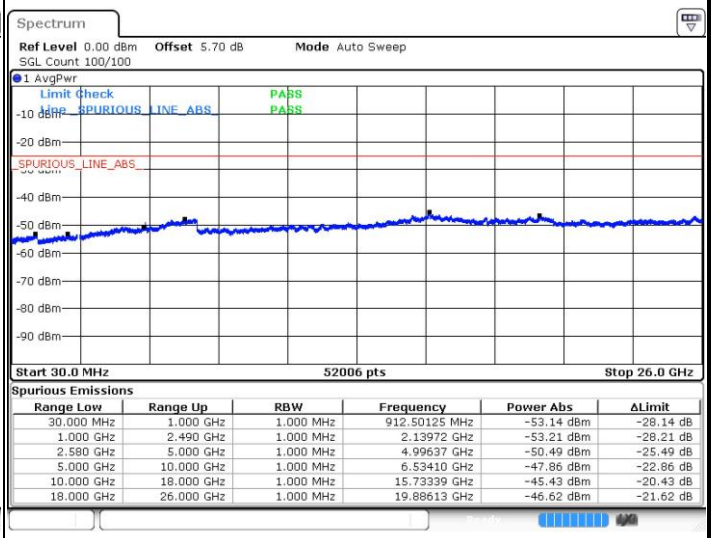


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.46777 MHz	-53.22 dBm	-28.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12929 GHz	-53.42 dBm	-28.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33971 GHz	-50.44 dBm	-25.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88956 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75189 GHz	-45.62 dBm	-20.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91463 GHz	-46.46 dBm	-21.46 dB

Date: 7.MAR.2019 11:33:20

Middle Channel / 16QAM



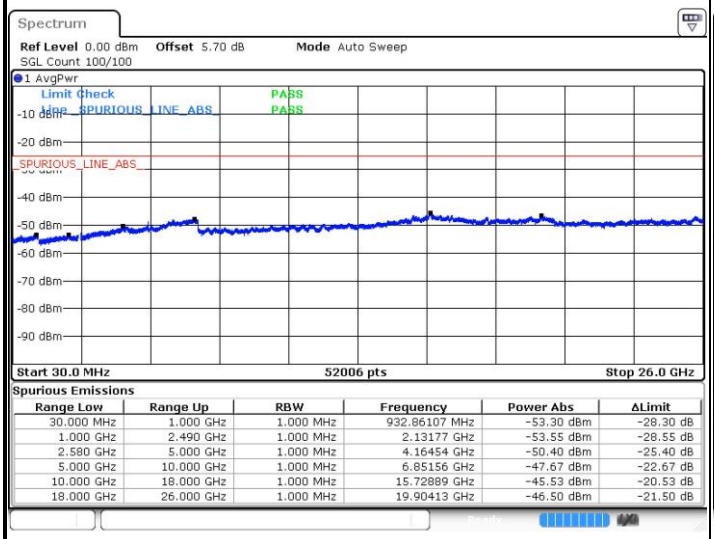
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-53.14 dBm	-28.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13972 GHz	-53.21 dBm	-28.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-50.49 dBm	-25.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.53410 GHz	-47.86 dBm	-22.86 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73339 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88613 GHz	-46.62 dBm	-21.62 dB

Date: 7.MAR.2019 11:34:11

LTE Band7 / 15MHz

Highest Channel / QPSK

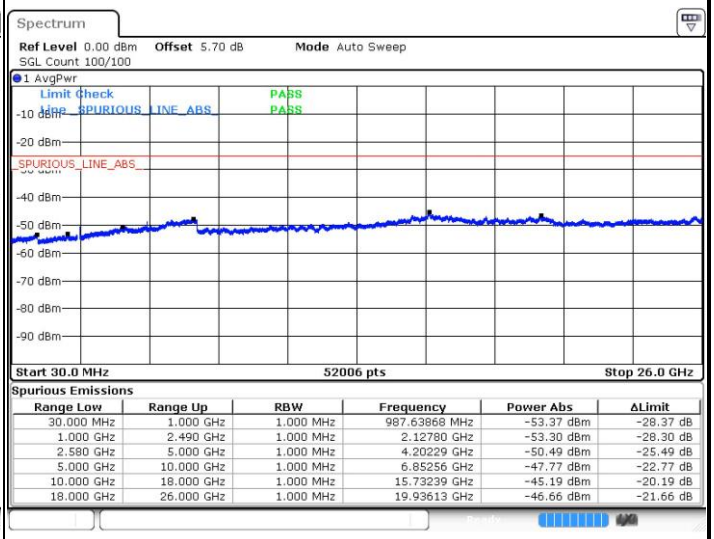


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-53.30 dBm	-28.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13177 GHz	-53.55 dBm	-28.55 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.16454 GHz	-50.40 dBm	-25.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85156 GHz	-47.67 dBm	-22.67 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72889 GHz	-45.53 dBm	-20.53 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90413 GHz	-46.50 dBm	-21.50 dB

Date: 7.MAR.2019 11:35:57

Highest Channel / 16QAM



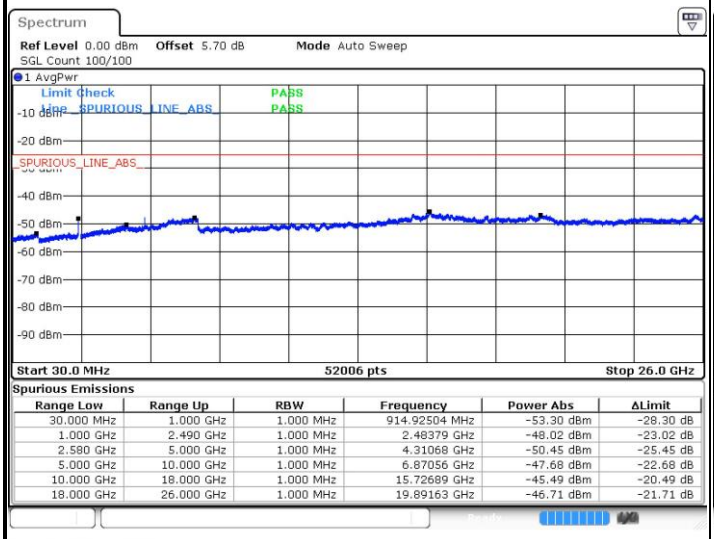
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-53.37 dBm	-28.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12780 GHz	-53.30 dBm	-28.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.20229 GHz	-50.49 dBm	-25.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85256 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73239 GHz	-45.19 dBm	-20.19 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93613 GHz	-46.66 dBm	-21.66 dB

Date: 7.MAR.2019 11:36:45

LTE Band 7 / 20MHz

Lowest Channel / QPSK

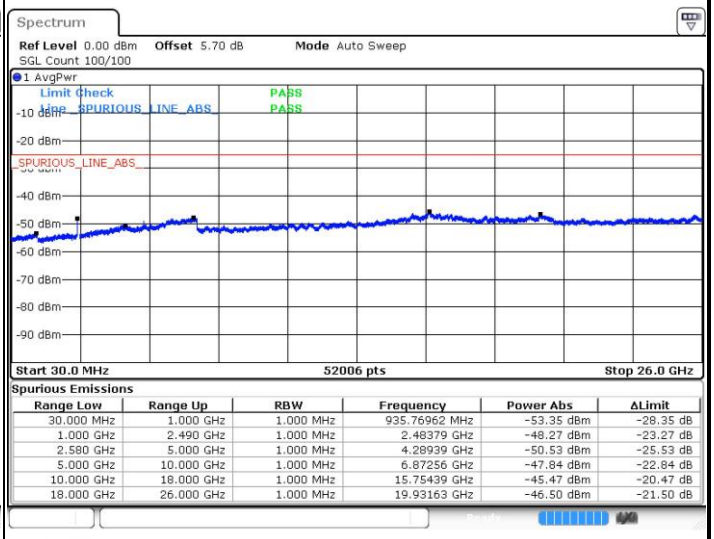


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-53.30 dBm	-28.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-48.02 dBm	-23.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31068 GHz	-50.45 dBm	-25.45 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87056 GHz	-47.68 dBm	-22.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72689 GHz	-45.49 dBm	-20.49 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89163 GHz	-46.71 dBm	-21.71 dB

Date: 7.MAR.2019 11:38:37

Lowest Channel / 16QAM



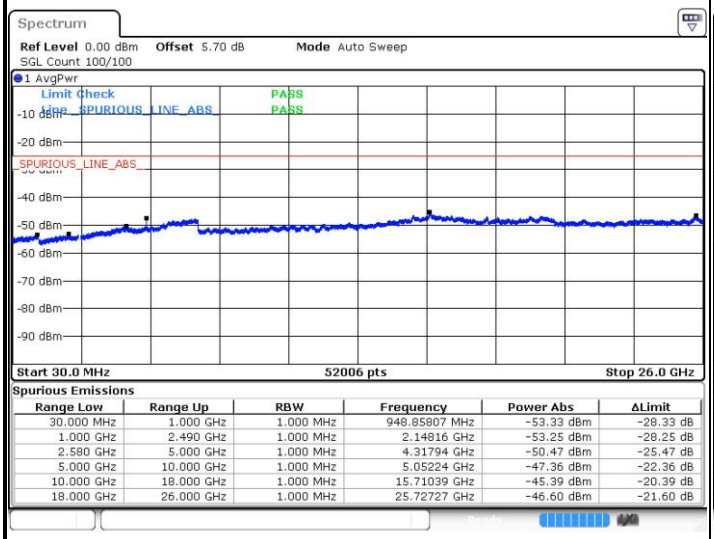
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.76962 MHz	-53.35 dBm	-28.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-48.27 dBm	-23.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.28939 GHz	-50.53 dBm	-25.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87256 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75439 GHz	-45.47 dBm	-20.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93163 GHz	-46.50 dBm	-21.50 dB

Date: 7.MAR.2019 11:39:25

LTE Band 7 / 20MHz

Middle Channel / QPSK

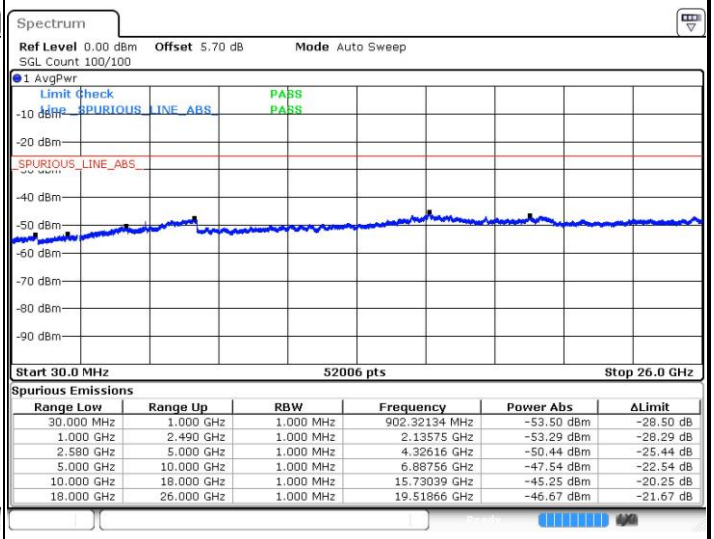


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-53.33 dBm	-28.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.14816 GHz	-53.25 dBm	-28.25 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31794 GHz	-50.47 dBm	-25.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-47.36 dBm	-22.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71039 GHz	-45.39 dBm	-20.39 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.72727 GHz	-46.60 dBm	-21.60 dB

Date: 7.MAR.2019 11:41:01

Middle Channel / 16QAM

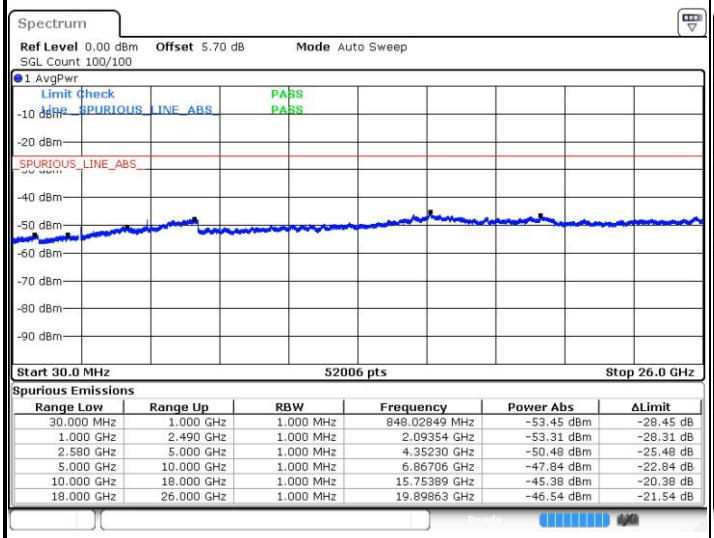


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-53.50 dBm	-28.50 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13575 GHz	-53.29 dBm	-28.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32616 GHz	-50.44 dBm	-25.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88756 GHz	-47.54 dBm	-22.54 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73039 GHz	-45.25 dBm	-20.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.51866 GHz	-46.67 dBm	-21.67 dB

Date: 7.MAR.2019 11:41:50

Highest Channel / QPSK

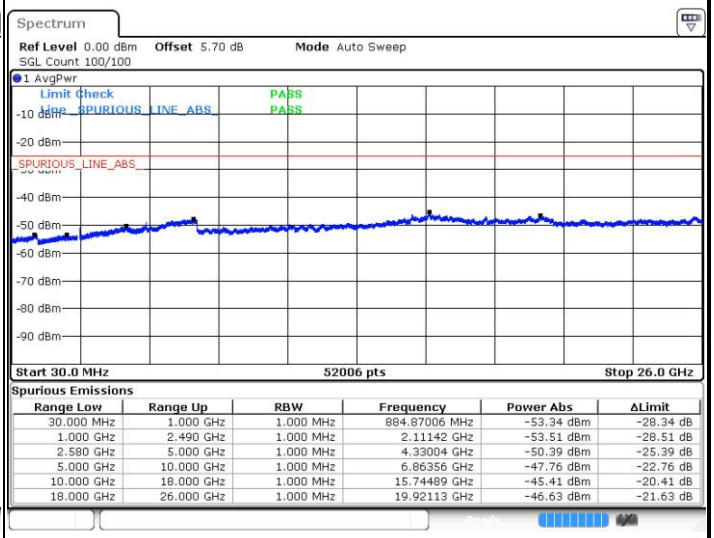


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.02849 MHz	-53.45 dBm	-28.45 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.09354 GHz	-53.31 dBm	-28.31 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.35230 GHz	-50.48 dBm	-25.48 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86706 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75389 GHz	-45.38 dBm	-20.38 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.89863 GHz	-46.54 dBm	-21.54 dB

Date: 7.MAR.2019 11:43:26

Highest Channel / 16QAM



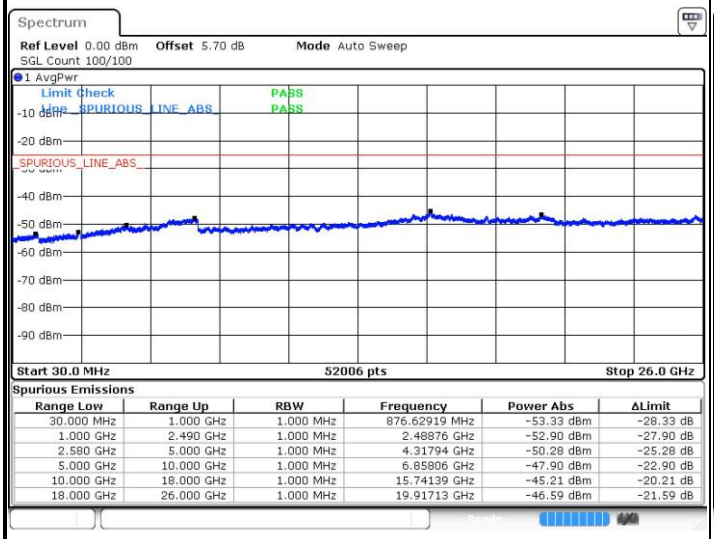
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	884.87006 MHz	-53.34 dBm	-28.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11142 GHz	-53.51 dBm	-28.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.33004 GHz	-50.39 dBm	-25.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86356 GHz	-47.76 dBm	-22.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74489 GHz	-45.41 dBm	-20.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92113 GHz	-46.63 dBm	-21.63 dB

Date: 7.MAR.2019 11:44:23

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

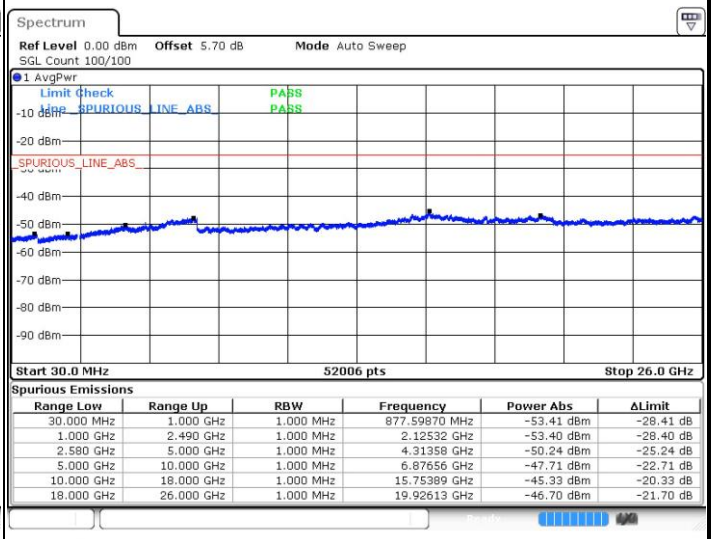


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-53.33 dBm	-28.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-52.90 dBm	-27.90 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31794 GHz	-50.28 dBm	-25.28 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85806 GHz	-47.90 dBm	-22.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74139 GHz	-45.21 dBm	-20.21 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91713 GHz	-46.59 dBm	-21.59 dB

Date: 7.MAR.2019 11:16:33

Middle Channel / 64QAM

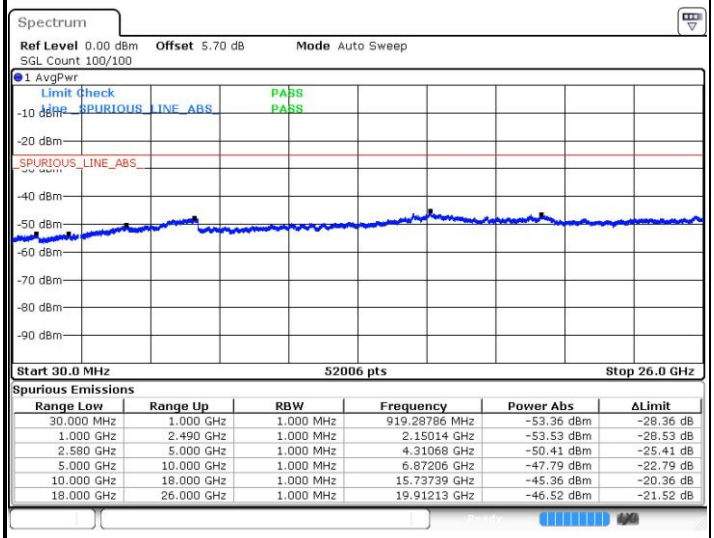


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	877.59870 MHz	-53.41 dBm	-28.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12532 GHz	-53.40 dBm	-28.40 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31358 GHz	-50.24 dBm	-25.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87656 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75389 GHz	-45.33 dBm	-20.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92613 GHz	-46.70 dBm	-21.70 dB

Date: 7.MAR.2019 11:19:09

Highest Channel / 64QAM



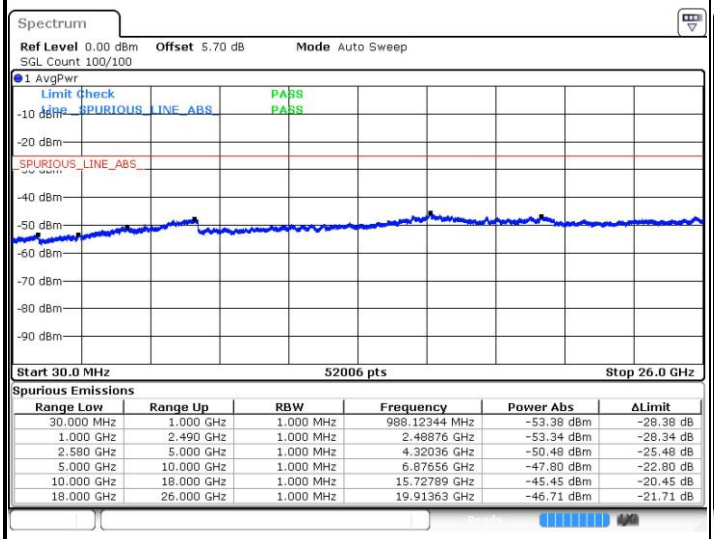
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-53.36 dBm	-28.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15014 GHz	-53.53 dBm	-28.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31068 GHz	-50.41 dBm	-25.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87206 GHz	-47.79 dBm	-22.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73739 GHz	-45.36 dBm	-20.36 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91213 GHz	-46.52 dBm	-21.52 dB

Date: 7.MAR.2019 11:21:52

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

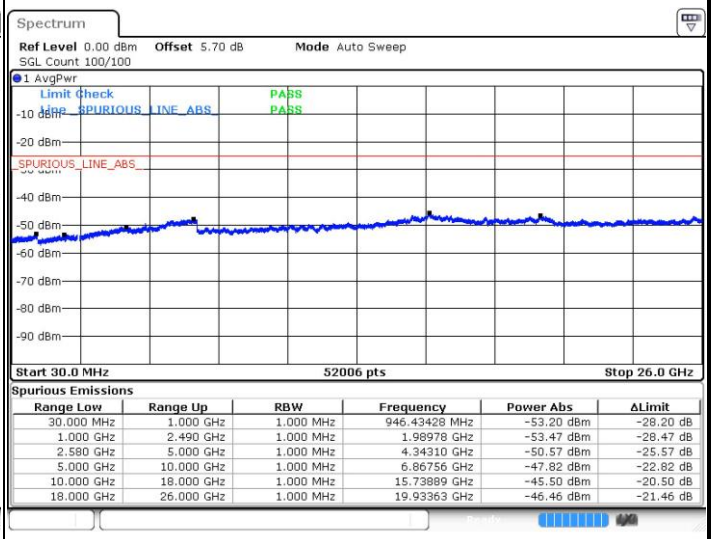


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-53.38 dBm	-28.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-53.34 dBm	-28.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32036 GHz	-50.48 dBm	-25.48 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87656 GHz	-47.80 dBm	-22.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.72789 GHz	-45.45 dBm	-20.45 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91363 GHz	-46.71 dBm	-21.71 dB

Date: 7.MAR.2019 11:24:28

Middle Channel / 64QAM

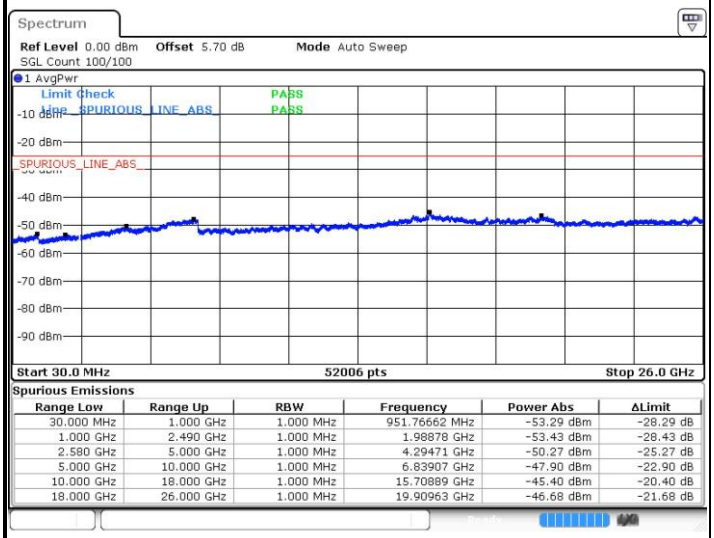


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-53.20 dBm	-28.20 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.98978 GHz	-53.47 dBm	-28.47 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.34310 GHz	-50.57 dBm	-25.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.86756 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.73889 GHz	-45.50 dBm	-20.50 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93363 GHz	-46.46 dBm	-21.46 dB

Date: 7.MAR.2019 11:26:58

Highest Channel / 64QAM



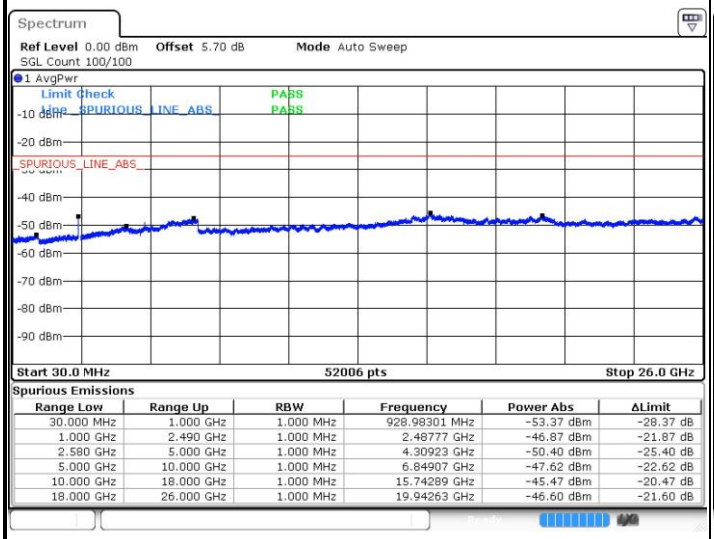
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.76662 MHz	-53.29 dBm	-28.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.98878 GHz	-53.43 dBm	-28.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29471 GHz	-50.27 dBm	-25.27 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.83907 GHz	-47.90 dBm	-22.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.70889 GHz	-45.40 dBm	-20.40 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.90963 GHz	-46.68 dBm	-21.68 dB

Date: 7.MAR.2019 11:29:46

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

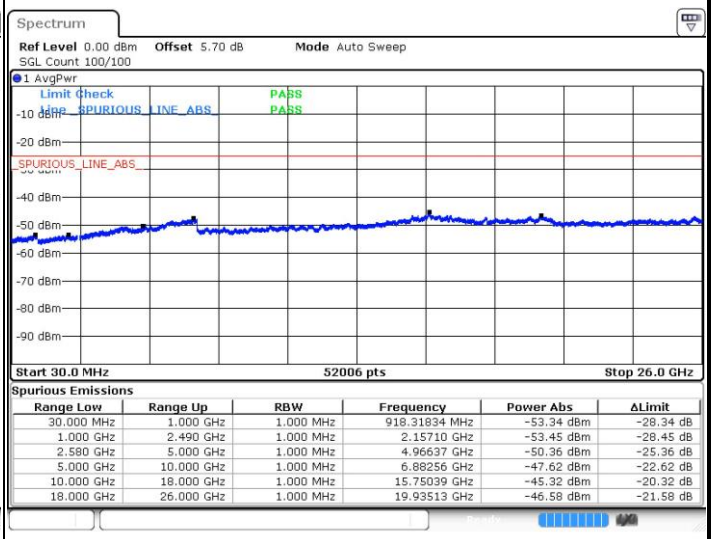


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-53.37 dBm	-28.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-46.87 dBm	-21.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30923 GHz	-50.40 dBm	-25.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84907 GHz	-47.62 dBm	-22.62 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74289 GHz	-45.47 dBm	-20.47 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.94263 GHz	-46.60 dBm	-21.60 dB

Date: 7.MAR.2019 11:32:24

Middle Channel / 64QAM

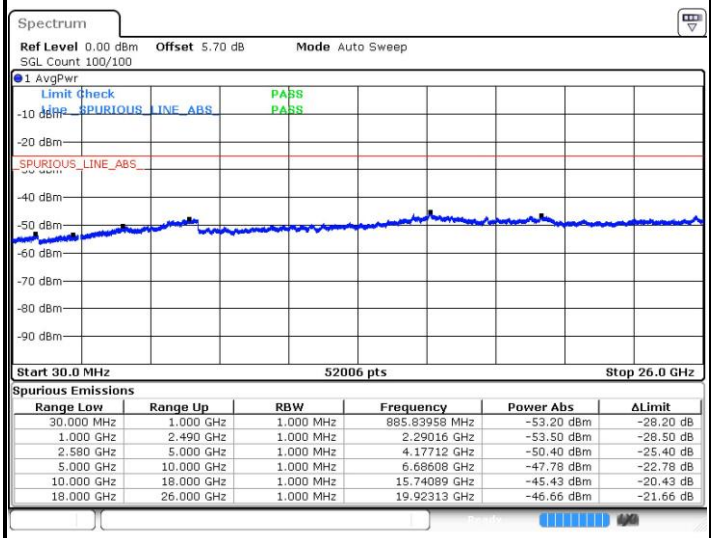


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-53.34 dBm	-28.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15710 GHz	-53.45 dBm	-28.45 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.96637 GHz	-50.36 dBm	-25.36 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88256 GHz	-47.62 dBm	-22.62 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75039 GHz	-45.32 dBm	-20.32 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.93513 GHz	-46.58 dBm	-21.58 dB

Date: 7.MAR.2019 11:35:03

Highest Channel / 64QAM



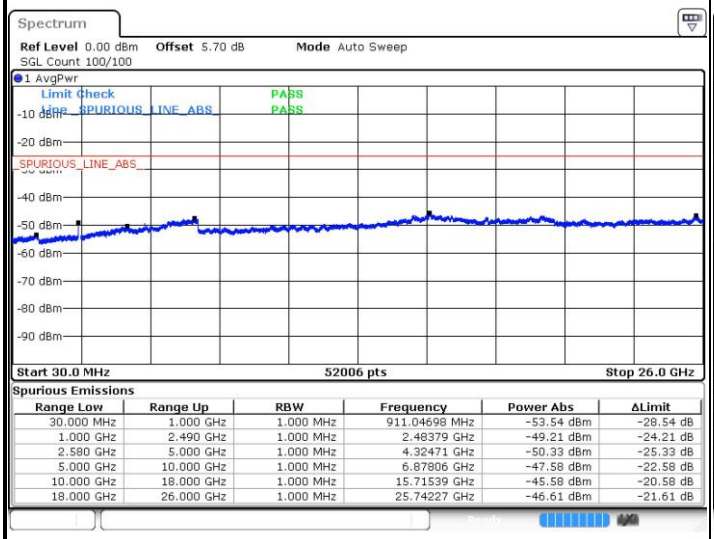
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-53.20 dBm	-28.20 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29016 GHz	-53.50 dBm	-28.50 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.17712 GHz	-50.40 dBm	-25.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.68608 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74089 GHz	-45.43 dBm	-20.43 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.92313 GHz	-46.66 dBm	-21.66 dB

Date: 7.MAR.2019 11:37:33

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

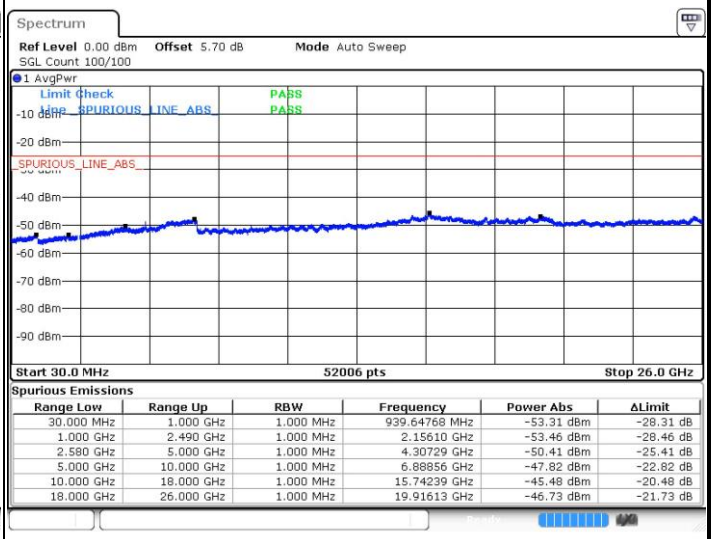


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-53.54 dBm	-28.54 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-49.21 dBm	-24.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32471 GHz	-50.33 dBm	-25.33 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.87806 GHz	-47.58 dBm	-22.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.71539 GHz	-45.58 dBm	-20.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	25.74227 GHz	-46.61 dBm	-21.61 dB

Date: 7.MAR.2019 11:40:13

Middle Channel / 64QAM

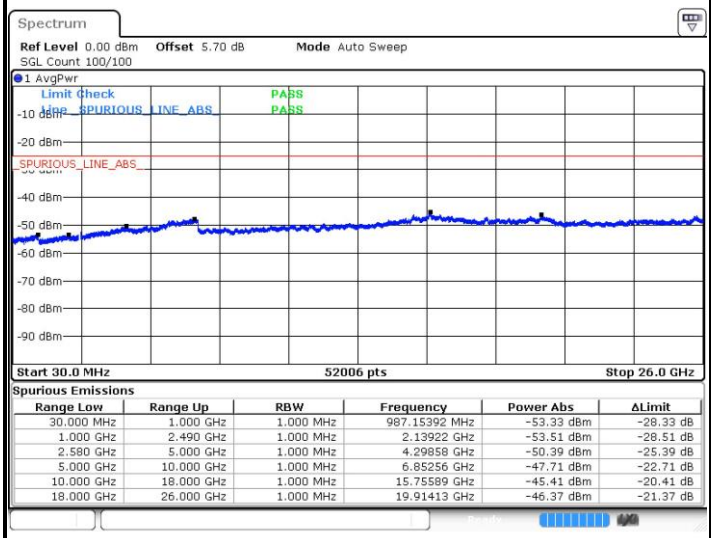


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.64768 MHz	-53.31 dBm	-28.31 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15610 GHz	-53.46 dBm	-28.46 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30729 GHz	-50.41 dBm	-25.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.88856 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.74239 GHz	-45.48 dBm	-20.48 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91613 GHz	-46.73 dBm	-21.73 dB

Date: 7.MAR.2019 11:42:37

Highest Channel / 64QAM



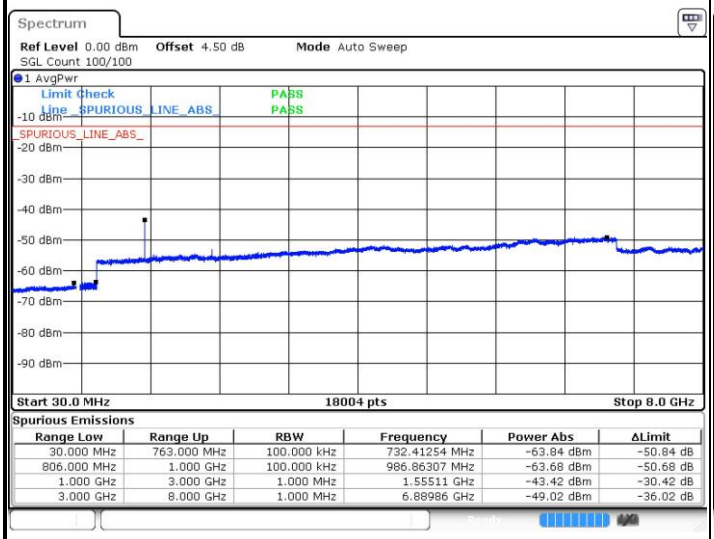
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-53.33 dBm	-28.33 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.13922 GHz	-53.51 dBm	-28.51 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29858 GHz	-50.39 dBm	-25.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85256 GHz	-47.71 dBm	-22.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.75589 GHz	-45.41 dBm	-20.41 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.91413 GHz	-46.37 dBm	-21.37 dB

Date: 7.MAR.2019 11:45:21

LTE Band 13 / 5MHz

Lowest Channel / QPSK

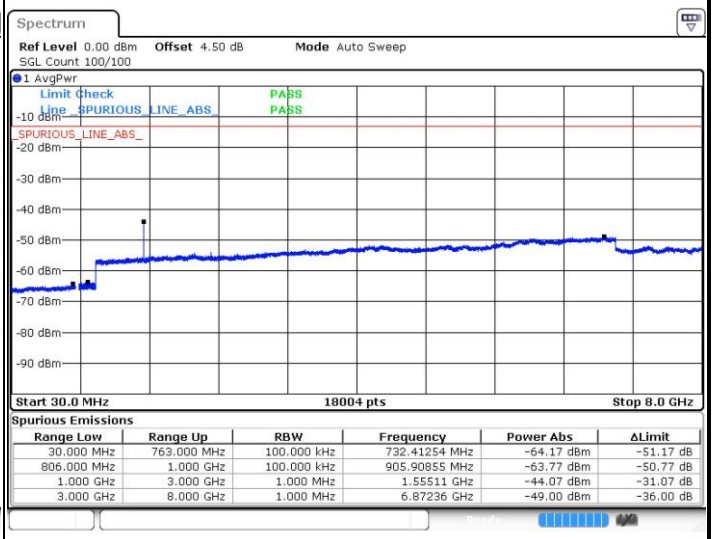


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-63.84 dBm	-50.84 dB
806.000 MHz	1.000 GHz	100.000 kHz	986.86307 MHz	-63.68 dBm	-50.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-43.42 dBm	-30.42 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.88986 GHz	-49.02 dBm	-36.02 dB

Date: 7.MAR.2019 13:55:31

Lowest Channel / 16QAM

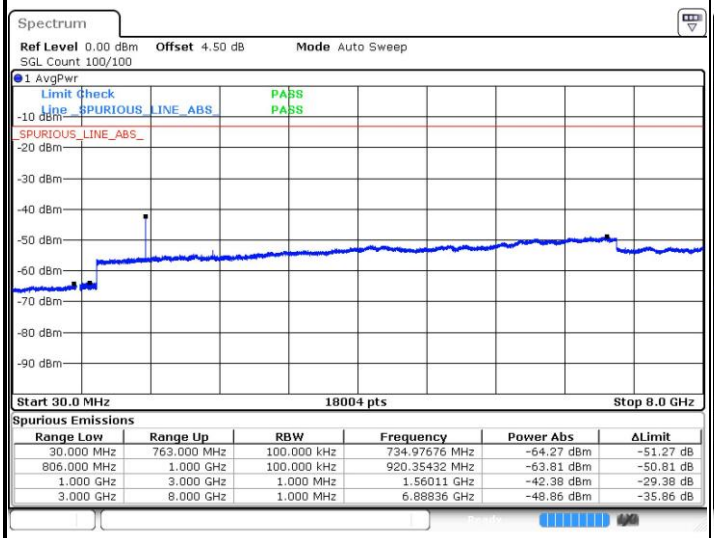


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.41254 MHz	-64.17 dBm	-51.17 dB
806.000 MHz	1.000 GHz	100.000 kHz	905.90855 MHz	-63.77 dBm	-50.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-44.07 dBm	-31.07 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87236 GHz	-49.00 dBm	-36.00 dB

Date: 7.MAR.2019 13:57:11

Middle Channel / QPSK

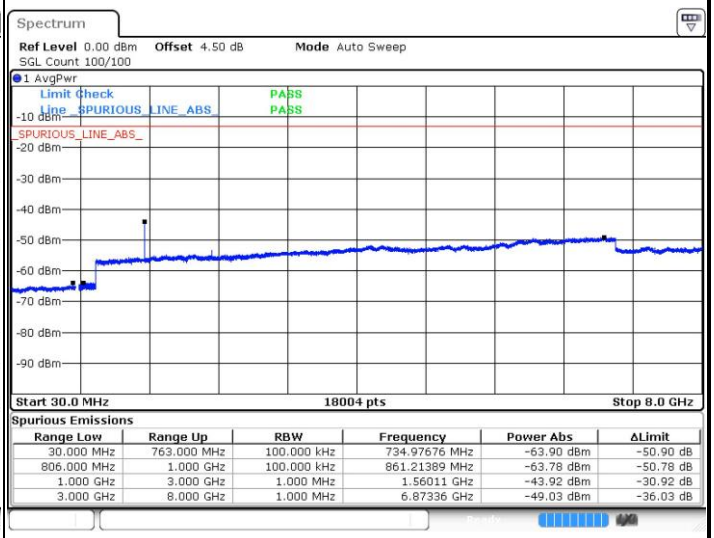


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-64.27 dBm	-51.27 dB
806.000 MHz	1.000 GHz	100.000 kHz	920.35432 MHz	-63.81 dBm	-50.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-42.38 dBm	-29.38 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.88836 GHz	-48.86 dBm	-35.86 dB

Date: 7.MAR.2019 13:58:04

Middle Channel / 16QAM



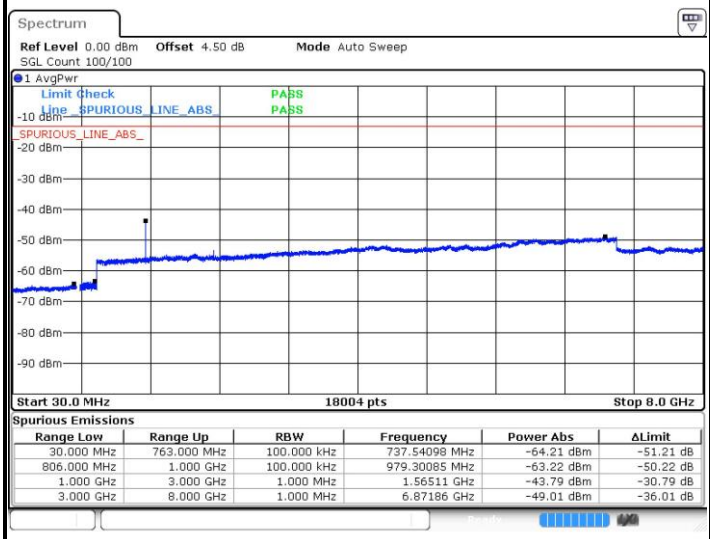
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	734.97676 MHz	-63.90 dBm	-50.90 dB
806.000 MHz	1.000 GHz	100.000 kHz	861.21389 MHz	-63.78 dBm	-50.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-43.92 dBm	-30.92 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87336 GHz	-49.03 dBm	-36.03 dB

Date: 7.MAR.2019 13:58:28

LTE Band 13 / 5MHz

Highest Channel / QPSK

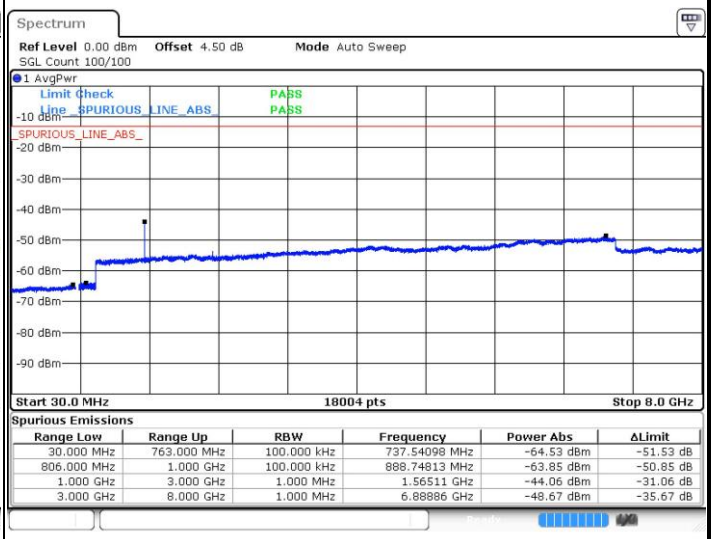


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.21 dBm	-51.21 dB
806.000 MHz	1.000 GHz	100.000 kHz	979.30085 MHz	-63.22 dBm	-50.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-43.79 dBm	-30.79 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87186 GHz	-49.01 dBm	-36.01 dB

Date: 7.MAR.2019 13:59:26

Highest Channel / 16QAM



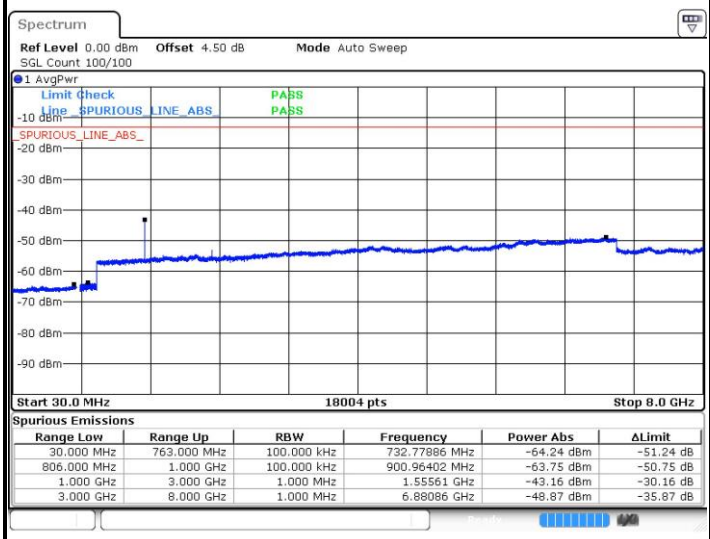
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.53 dBm	-51.53 dB
806.000 MHz	1.000 GHz	100.000 kHz	888.74813 MHz	-63.85 dBm	-50.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-44.06 dBm	-31.06 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.88886 GHz	-48.67 dBm	-35.67 dB

Date: 7.MAR.2019 13:59:50

LTE Band 13 / 10MHz

Middle Channel / QPSK

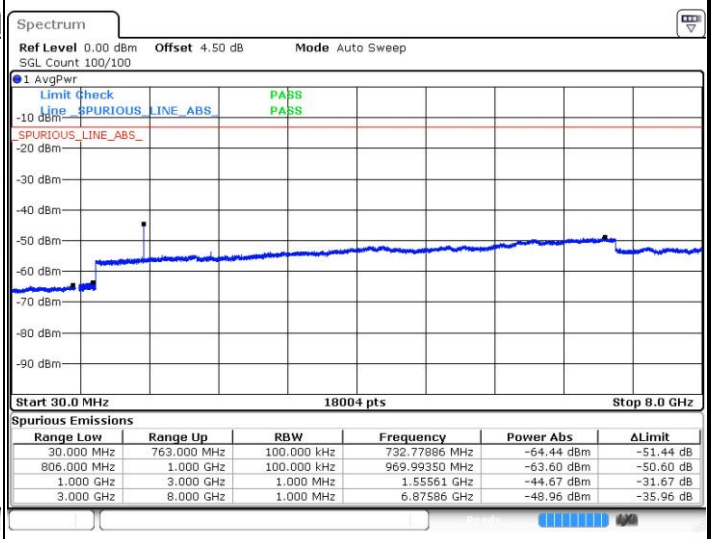


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.24 dBm	-51.24 dB
806.000 MHz	1.000 GHz	100.000 kHz	900.96402 MHz	-63.75 dBm	-50.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.88086 GHz	-48.87 dBm	-35.87 dB

Date: 7.MAR.2019 14:01:03

Middle Channel / 16QAM



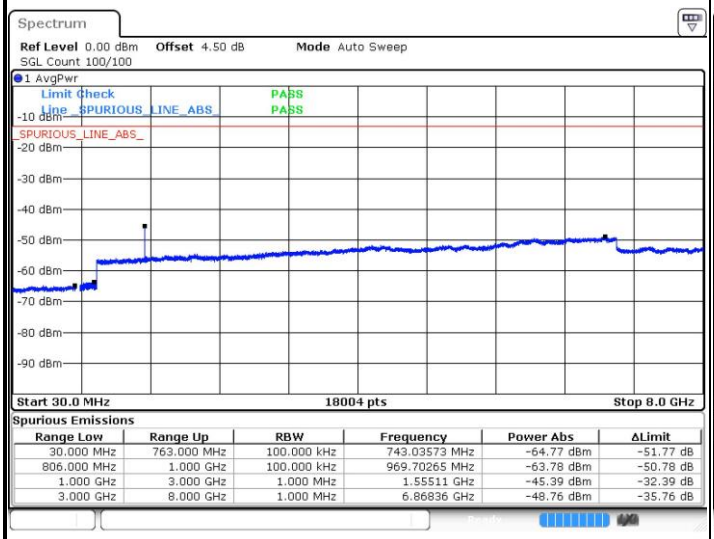
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.44 dBm	-51.44 dB
806.000 MHz	1.000 GHz	100.000 kHz	969.99350 MHz	-63.60 dBm	-50.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-44.67 dBm	-31.67 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.87586 GHz	-48.96 dBm	-35.96 dB

Date: 7.MAR.2019 14:01:32

LTE Band 13 / 5MHz

Lowest Channel / 64QAM

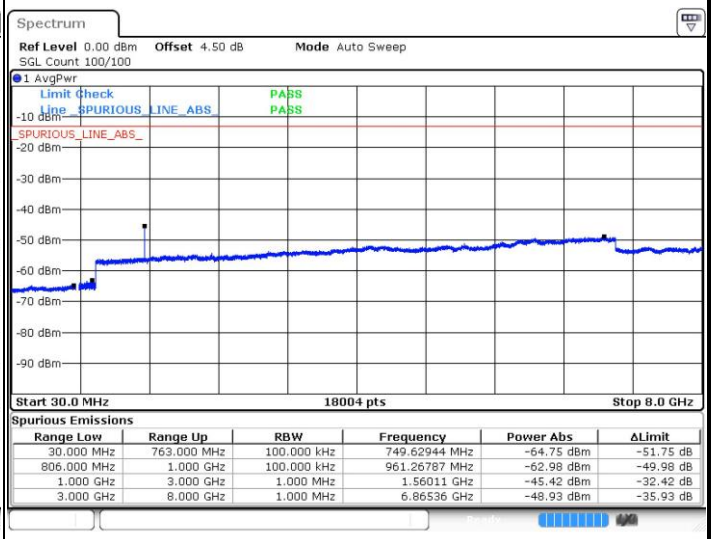


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	743.03573 MHz	-64.77 dBm	-51.77 dB
806.000 MHz	1.000 GHz	100.000 kHz	969.70265 MHz	-63.78 dBm	-50.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-45.39 dBm	-32.39 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.86836 GHz	-48.76 dBm	-35.76 dB

Date: 7.MAR.2019 13:57:36

Middle Channel / 64QAM

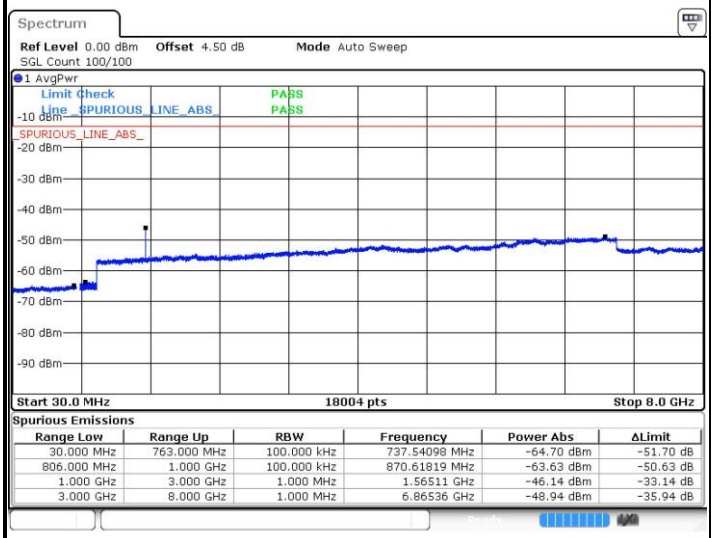


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	749.62944 MHz	-64.75 dBm	-51.75 dB
806.000 MHz	1.000 GHz	100.000 kHz	961.26787 MHz	-62.98 dBm	-49.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-45.42 dBm	-32.42 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.86536 GHz	-48.93 dBm	-35.93 dB

Date: 7.MAR.2019 13:58:54

Highest Channel / 64QAM

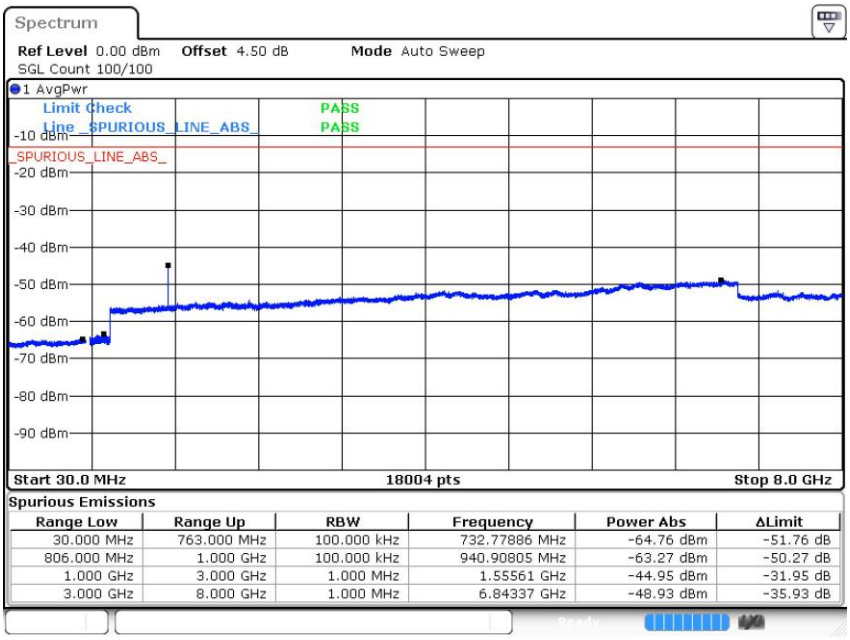


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	737.54098 MHz	-64.70 dBm	-51.70 dB
806.000 MHz	1.000 GHz	100.000 kHz	870.61819 MHz	-63.63 dBm	-50.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.14 dBm	-33.14 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.86536 GHz	-48.94 dBm	-35.94 dB

Date: 7.MAR.2019 14:00:15

LTE Band 13 / 10MHz
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-64.76 dBm	-51.76 dB
806.000 MHz	1.000 GHz	100.000 kHz	940.90805 MHz	-63.27 dBm	-50.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-44.95 dBm	-31.95 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.84337 GHz	-48.93 dBm	-35.93 dB

Date: 7.MAR.2019 14:01:56

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	0.0004	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.1 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.1 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	0.0014	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.1 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)
Lowest	3702	-60.09	-13	-47.09	-64.96	3.55	8.42	H
	5553	-55.26	-13	-42.26	-61.60	4.34	10.68	H
	7404	-52.12	-13	-39.12	-58.92	5.14	11.94	H
	3702	-59.84	-13	-46.84	-64.71	3.55	8.42	V
	5553	-53.49	-13	-40.49	-59.83	4.34	10.68	V
	7404	-52.06	-13	-39.06	-58.86	5.14	11.94	V
Middle	3742	-60.08	-13	-47.08	-64.95	3.55	8.42	H
	5613	-46.11	-13	-33.11	-52.45	4.34	10.68	H
	7484	-51.91	-13	-38.91	-58.71	5.14	11.94	H
	3741	-60.07	-13	-47.07	-64.94	3.55	8.42	V
	5613	-47.51	-13	-34.51	-53.85	4.34	10.68	V
	7484	-51.79	-13	-38.79	-58.59	5.14	11.94	V
Highest	3783	-59.69	-13	-46.69	-64.56	3.55	8.42	H
	5673	-54.28	-13	-41.28	-60.62	4.34	10.68	H
	7560	-52.11	-13	-39.11	-58.91	5.14	11.94	H
	3782	-60.17	-13	-47.17	-65.04	3.55	8.42	V
	5673	-53.98	-13	-40.98	-60.32	4.34	10.68	V
	7560	-51.55	-13	-38.55	-58.35	5.14	11.94	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)
Lowest	5000	-43.64	-25	-18.64	-53.85	3.03	13.24	H
	7504	-60.49	-25	-35.49	-69.94	3.56	13.01	H
	10000	-58.30	-25	-33.30	-67.82	3.92	13.44	H
	5000	-44.13	-25	-19.13	-54.34	3.03	13.24	V
	7503.27	-60.23	-25	-35.23	-69.68	3.56	13.01	V
	10000	-58.54	-25	-33.54	-68.06	3.92	13.44	V
Middle	5052	-38.35	-25	-13.35	-48.56	3.03	13.24	H
	7580	-60.36	-25	-35.36	-69.81	3.56	13.01	H
	10100	-57.59	-25	-32.59	-67.11	3.92	13.44	H
	5052	-40.28	-25	-15.28	-50.49	3.03	13.24	V
	7580	-60.00	-25	-35.00	-69.45	3.56	13.01	V
	10100	-58.42	-25	-33.42	-67.94	3.92	13.44	V
Highest	5100	-37.59	-25	-12.59	-47.80	3.03	13.24	H
	7652	-61.13	-25	-36.13	-70.58	3.56	13.01	H
	10200	-57.44	-25	-32.44	-66.96	3.92	13.44	H
	5100	-40.41	-25	-15.41	-50.62	3.03	13.24	V
	7652	-60.55	-25	-35.55	-70.00	3.56	13.01	V
	10200	-58.31	-25	-33.31	-67.83	3.92	13.44	V

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

LTE Band 12 / 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)
Lowest	1400	-67.20	-13	-54.20	-69.53	1.21	5.68	H
	2098	-63.80	-13	-50.80	-65.91	1.54	5.80	H
	2798.36	-61.93	-13	-48.93	-65.93	1.73	7.88	H
	1400	-66.32	-13	-53.32	-68.65	1.21	5.68	V
	2098.77	-63.76	-13	-50.76	-65.87	1.54	5.80	V
	2798	-60.76	-13	-47.76	-64.76	1.73	7.88	V
Middle	1406	-66.55	-13	-53.55	-68.88	1.21	5.68	H
	2110	-63.76	-13	-50.76	-65.87	1.54	5.80	H
	2812	-61.24	-13	-48.24	-65.24	1.73	7.88	H
	1406	-65.44	-13	-52.44	-67.77	1.21	5.68	V
	2110	-63.16	-13	-50.16	-65.27	1.54	5.80	V
	2812	-60.29	-13	-47.29	-64.29	1.73	7.88	V
Highest	1414	-66.58	-13	-53.58	-68.91	1.21	5.68	H
	2120	-64.04	-13	-51.04	-66.15	1.54	5.80	H
	2826.36	-61.03	-13	-48.03	-65.03	1.73	7.88	H
	1414	-66.39	-13	-53.39	-68.72	1.21	5.68	V
	2119.77	-63.86	-13	-50.86	-65.97	1.54	5.80	V
	2826	-60.54	-13	-47.54	-64.54	1.73	7.88	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)
Lowest	1554	-67.47	-13	-54.47	-69.18	2.23	6.09	H
	2332.02	-67.15	-13	-54.15	-67.68	2.83	5.51	H
	3108	-63.91	-13	-50.91	-65.85	3.21	7.30	H
	1554.68	-67.89	-13	-54.89	-69.60	2.23	6.09	V
	2332	-66.66	-13	-53.66	-67.19	2.83	5.51	V
	3108	-64.32	-13	-51.32	-66.26	3.21	7.30	V
Middle	1560	-68.98	-42.15	-26.83	-70.69	2.23	6.09	H
	2339.52	-66.70	-13	-53.70	-67.23	2.83	5.51	H
	3120	-65.26	-13	-52.26	-67.20	3.21	7.30	H
	1559.68	-68.81	-42.15	-26.66	-70.52	2.23	6.09	V
	2340	-66.19	-13	-53.19	-66.72	2.83	5.51	V
	3120	-64.04	-13	-51.04	-65.98	3.21	7.30	V
Highest	1564.68	-68.29	-42.15	-26.14	-70.00	2.23	6.09	H
	2348	-66.49	-13	-53.49	-67.02	2.83	5.51	H
	3132	-64.67	-13	-51.67	-66.61	3.21	7.30	H
	1564	-68.75	-42.15	-26.60	-70.46	2.23	6.09	V
	2347.02	-66.37	-13	-53.37	-66.90	2.83	5.51	V
	3132	-64.71	-13	-51.71	-66.65	3.21	7.30	V

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

LTE Band 13 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-65.38	-13	-52.38	-67.09	2.23	6.09	H
	2332.77	-64.95	-13	-51.95	-65.48	2.83	5.51	H
	3108	-64.05	-13	-51.05	-65.99	3.21	7.30	H
	1555.18	-68.01	-13	-55.01	-69.72	2.23	6.09	V
	2332	-66.81	-13	-53.81	-67.34	2.83	5.51	V
	3108	-64.02	-13	-51.02	-65.96	3.21	7.30	V

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

LTE Band 26 / 15MHz / 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)
Lowest	1650	-69.01	-13	-56.01	-70.22	2.32	5.68	H
	2474	-65.65	-13	-52.65	-66.28	3.02	5.80	H
	3300	-65.76	-13	-52.76	-68.22	3.27	7.88	H
	1650	-69.12	-13	-56.12	-70.33	2.32	5.68	V
	2474	-66.19	-13	-53.19	-66.82	3.02	5.80	V
	3300	-65.94	-13	-52.94	-68.40	3.27	7.88	V
Middle	1659	-69.27	-13	-56.27	-70.48	2.32	5.68	H
	2490	-65.62	-13	-52.62	-66.25	3.02	5.80	H
	3318	-65.82	-13	-52.82	-68.28	3.27	7.88	H
	1660	-69.37	-13	-56.37	-70.58	2.32	5.68	V
	2489	-66.17	-13	-53.17	-66.80	3.02	5.80	V
	3318	-66.70	-13	-53.70	-69.16	3.27	7.88	V
Highest	1670	-69.24	-13	-56.24	-70.45	2.32	5.68	H
	2504	-66.47	-13	-53.47	-67.10	3.02	5.80	H
	3339	-65.30	-13	-52.30	-67.76	3.27	7.88	H
	1669	-69.42	-13	-56.42	-70.63	2.32	5.68	V
	2504	-66.87	-13	-53.87	-67.50	3.02	5.80	V
	3339	-65.60	-13	-52.60	-68.06	3.27	7.88	V

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

LTE Band 66 / 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)
Lowest	3423	-54.70	-13	-41.70	-61.02	1.81	8.13	H
	5133	-56.11	-13	-43.11	-64.09	2.222	10.20	H
	6840	-53.51	-13	-40.51	-62.33	2.54	11.36	H
	3422.18	-57.97	-13	-44.97	-64.29	1.81	8.13	V
	5133	-56.16	-13	-43.16	-64.14	2.222	10.20	V
	6840	-54.58	-13	-41.58	-63.40	2.54	11.36	V
Middle	3471	-54.59	-13	-41.59	-60.91	1.81	8.13	H
	5208	-54.72	-13	-41.72	-62.70	2.222	10.20	H
	6948	-53.00	-13	-40.00	-61.82	2.54	11.36	H
	3471	-56.65	-13	-43.65	-62.97	1.81	8.13	V
	5208	-52.68	-13	-39.68	-60.66	2.222	10.20	V
	6948	-53.95	-13	-40.95	-62.77	2.54	11.36	V
Highest	3522	-57.39	-13	-44.39	-63.71	1.81	8.13	H
	5283	-56.10	-13	-43.10	-64.08	2.222	10.20	H
	7044	-52.24	-13	-39.24	-61.06	2.54	11.36	H
	3522	-57.80	-13	-44.80	-64.12	1.81	8.13	V
	5283.27	-56.50	-13	-43.50	-64.48	2.222	10.20	V
	7044	-53.22	-13	-40.22	-62.04	2.54	11.36	V

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

Appendix D. Reference Report

Please refer to Sporton report number FG922110B which is issued separately.