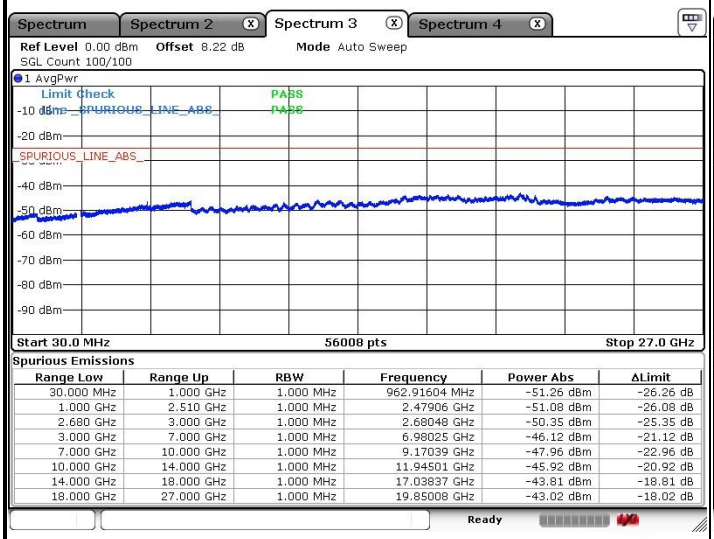
LTE Band 41 / 5MHz

Highest Channel / QPSK

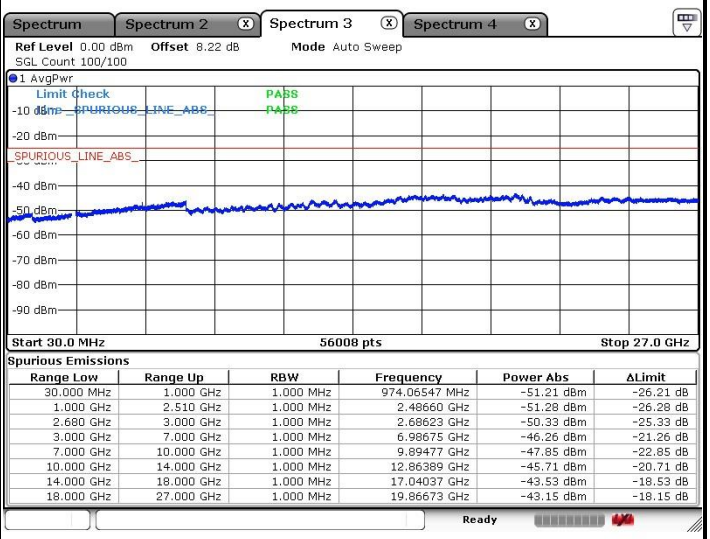


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-51.26 dBm	-26.26 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47906 GHz	-51.08 dBm	-26.08 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68048 GHz	-50.35 dBm	-25.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-46.12 dBm	-21.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.17039 GHz	-47.96 dBm	-22.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94501 GHz	-45.92 dBm	-20.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03837 GHz	-43.81 dBm	-18.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85008 GHz	-43.02 dBm	-18.02 dB

Date: 13.MAY.2020 19:16:25

Highest Channel / 16QAM



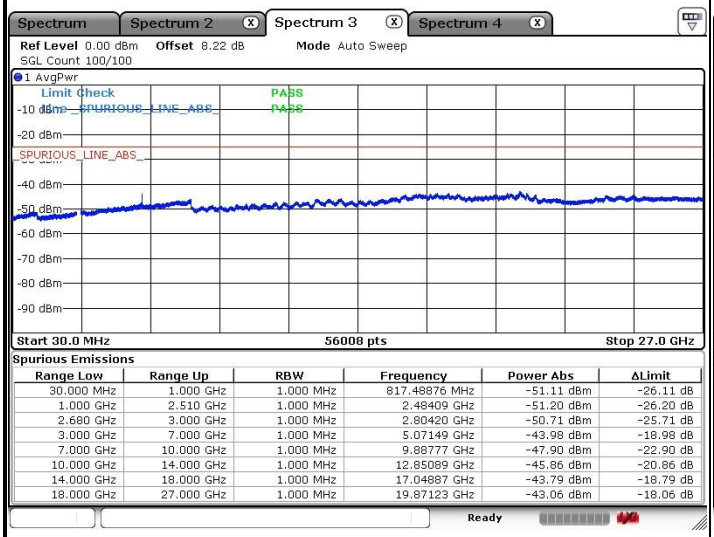
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-51.21 dBm	-26.21 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48660 GHz	-51.28 dBm	-26.28 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68623 GHz	-50.33 dBm	-25.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98675 GHz	-46.26 dBm	-21.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.89477 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.86389 GHz	-45.71 dBm	-20.71 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04037 GHz	-43.53 dBm	-18.53 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86673 GHz	-43.15 dBm	-18.15 dB

Date: 13.MAY.2020 19:14:58

LTE Band 41 / 10MHz

Lowest Channel / QPSK

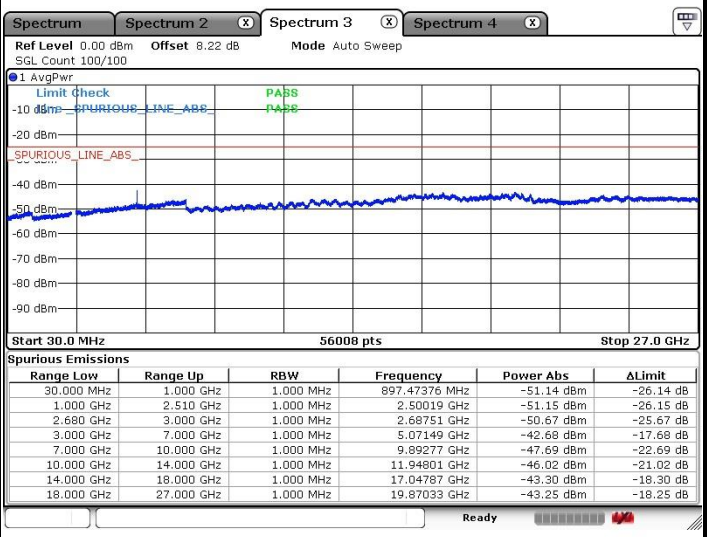


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	817.48876 MHz	-51.11 dBm	-26.11 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48409 GHz	-51.20 dBm	-26.20 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.80420 GHz	-50.71 dBm	-25.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07149 GHz	-43.98 dBm	-18.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88777 GHz	-47.90 dBm	-22.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85089 GHz	-45.86 dBm	-20.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04887 GHz	-43.79 dBm	-18.79 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87123 GHz	-43.06 dBm	-18.06 dB

Date: 13.MAY.2020 19:48:23

Lowest Channel / 16QAM



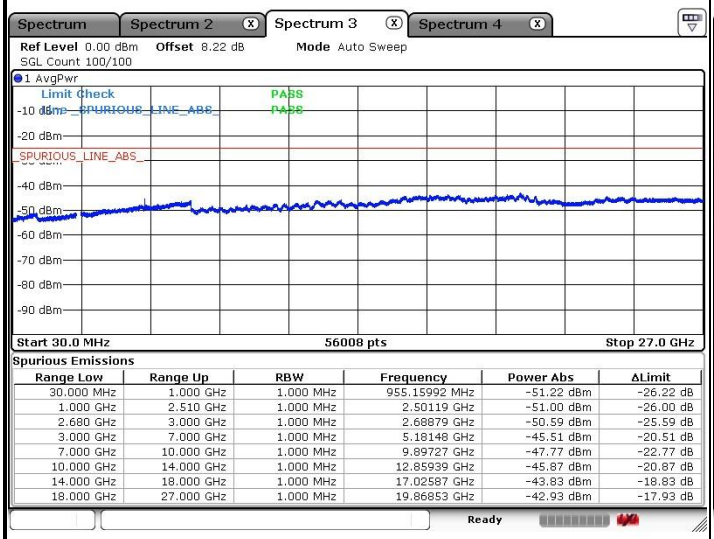
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.47376 MHz	-51.14 dBm	-26.14 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50019 GHz	-51.15 dBm	-26.15 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68751 GHz	-50.67 dBm	-25.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07149 GHz	-42.68 dBm	-17.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.89277 GHz	-47.69 dBm	-22.69 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94801 GHz	-46.02 dBm	-21.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04787 GHz	-43.30 dBm	-18.30 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87033 GHz	-43.25 dBm	-18.25 dB

Date: 13.MAY.2020 19:47:25

LTE Band 41 / 10MHz

Middle Channel / QPSK

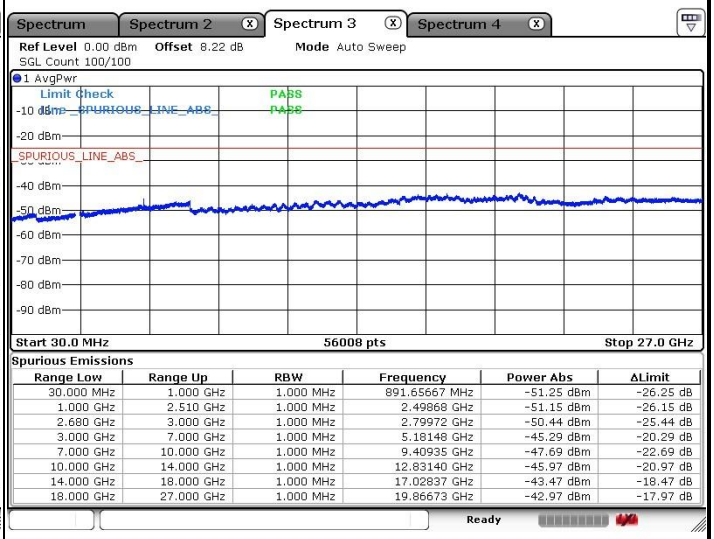


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-51.22 dBm	-26.22 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50119 GHz	-51.00 dBm	-26.00 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68879 GHz	-50.59 dBm	-25.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18148 GHz	-45.51 dBm	-20.51 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.89727 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85939 GHz	-45.87 dBm	-20.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02587 GHz	-43.83 dBm	-18.83 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86853 GHz	-42.93 dBm	-17.93 dB

Date: 13.MAY.2020 19:43:19

Middle Channel / 16QAM

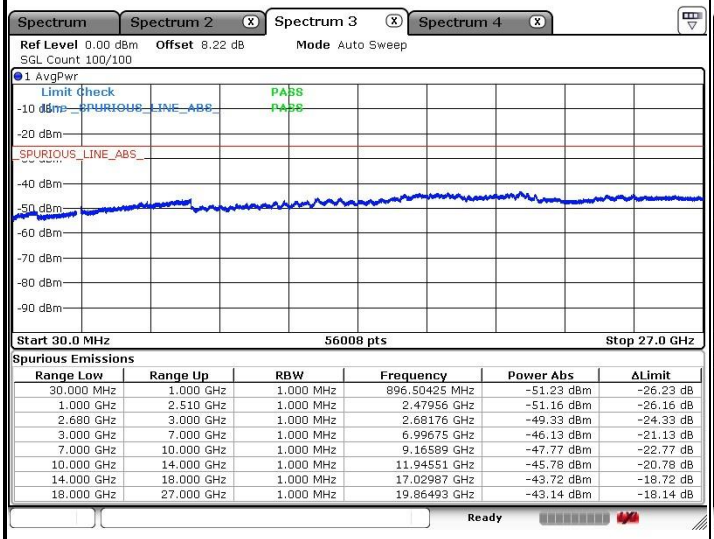


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.65667 MHz	-51.25 dBm	-26.25 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49868 GHz	-51.15 dBm	-26.15 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.79972 GHz	-50.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18148 GHz	-45.29 dBm	-20.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40935 GHz	-47.69 dBm	-22.69 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.83140 GHz	-45.97 dBm	-20.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02837 GHz	-43.47 dBm	-18.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86673 GHz	-42.97 dBm	-17.97 dB

Date: 13.MAY.2020 19:44:24

Highest Channel / QPSK

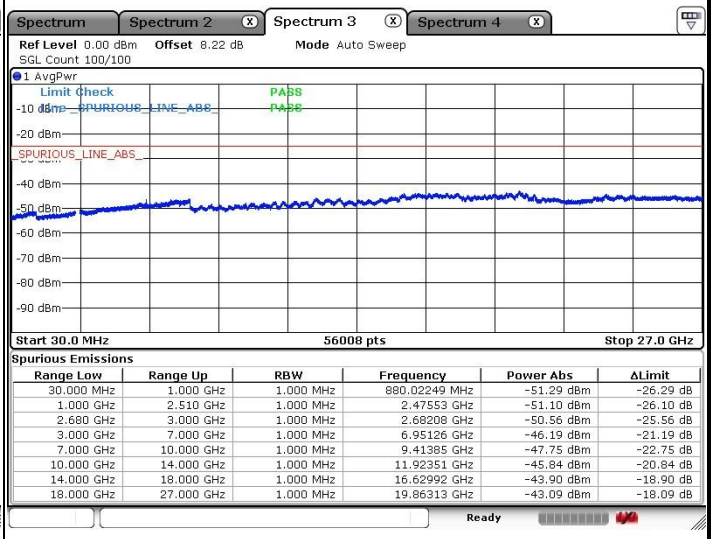


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-51.23 dBm	-26.23 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47956 GHz	-51.16 dBm	-26.16 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68176 GHz	-49.33 dBm	-24.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-46.13 dBm	-21.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16589 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94551 GHz	-45.78 dBm	-20.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02987 GHz	-43.72 dBm	-18.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86493 GHz	-43.14 dBm	-18.14 dB

Date: 13.MAY.2020 19:42:20

Highest Channel / 16QAM



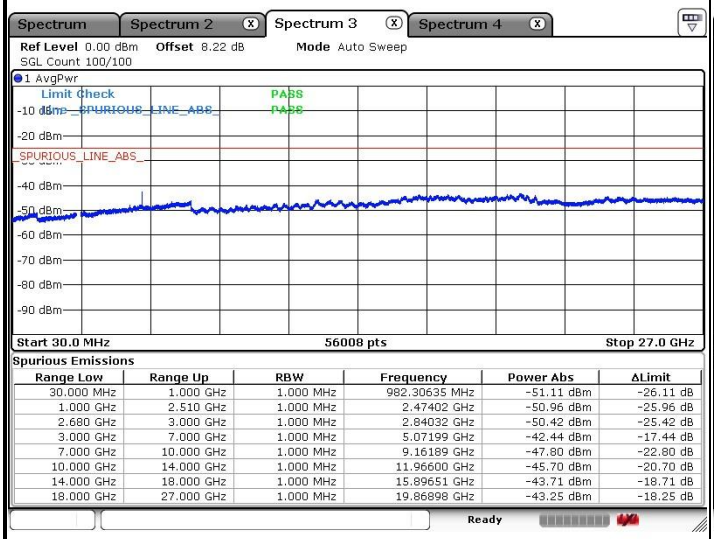
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-51.29 dBm	-26.29 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47553 GHz	-51.10 dBm	-26.10 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68208 GHz	-50.56 dBm	-25.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-46.19 dBm	-21.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41385 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.92351 GHz	-45.84 dBm	-20.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.62992 GHz	-43.90 dBm	-18.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86313 GHz	-43.09 dBm	-18.09 dB

Date: 13.MAY.2020 19:41:23

LTE Band 41 / 15MHz

Lowest Channel / QPSK

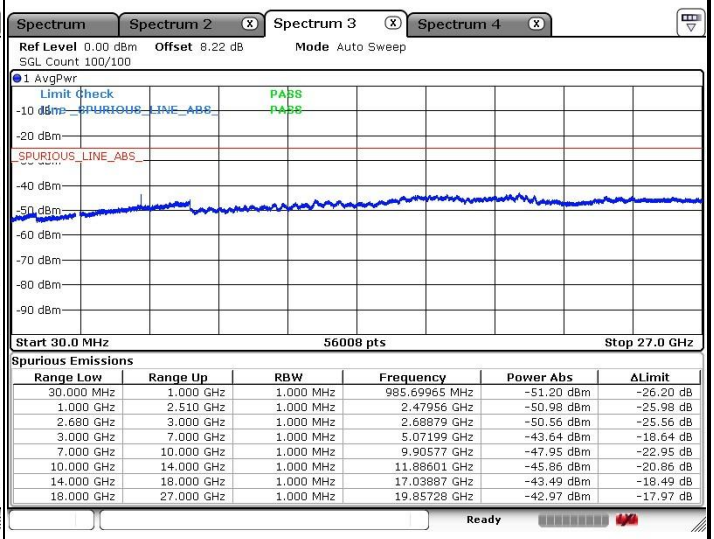


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-51.11 dBm	-26.11 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47402 GHz	-50.96 dBm	-25.96 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.84032 GHz	-50.42 dBm	-25.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07199 GHz	-42.44 dBm	-17.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16189 GHz	-47.80 dBm	-22.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.96600 GHz	-45.70 dBm	-20.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.89651 GHz	-43.71 dBm	-18.71 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86898 GHz	-43.25 dBm	-18.25 dB

Date: 13.MAY.2020 20:14:47

Lowest Channel / 16QAM

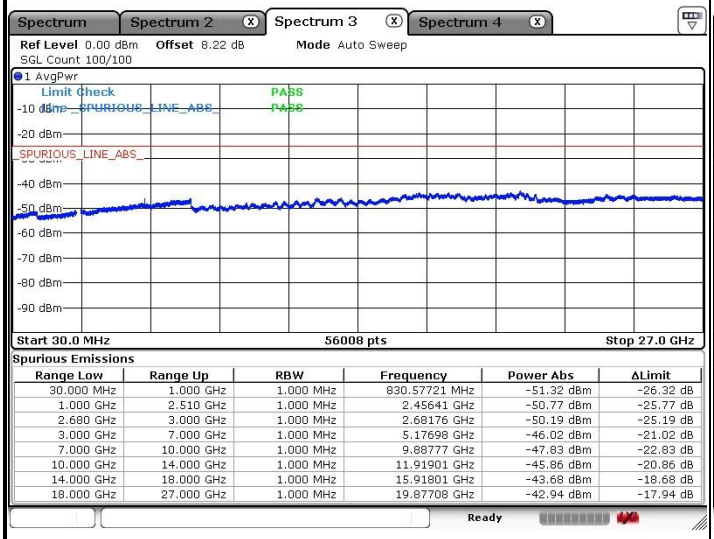


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-51.20 dBm	-26.20 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47956 GHz	-50.98 dBm	-25.98 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68879 GHz	-50.56 dBm	-25.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07199 GHz	-43.64 dBm	-18.64 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.90577 GHz	-47.95 dBm	-22.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.88601 GHz	-45.86 dBm	-20.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03887 GHz	-43.49 dBm	-18.49 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85728 GHz	-42.97 dBm	-17.97 dB

Date: 13.MAY.2020 20:10:50

Middle Channel / QPSK

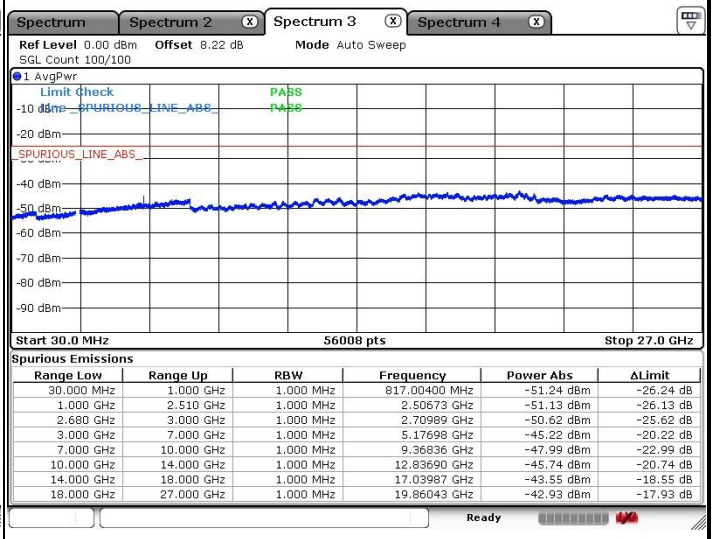


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.57721 MHz	-51.32 dBm	-26.32 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.45641 GHz	-50.77 dBm	-25.77 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68176 GHz	-50.19 dBm	-25.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17698 GHz	-46.02 dBm	-21.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88777 GHz	-47.83 dBm	-22.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.91901 GHz	-45.86 dBm	-20.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.91801 GHz	-43.68 dBm	-18.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87708 GHz	-42.94 dBm	-17.94 dB

Date: 13.MAY.2020 20:06:42

Middle Channel / 16QAM



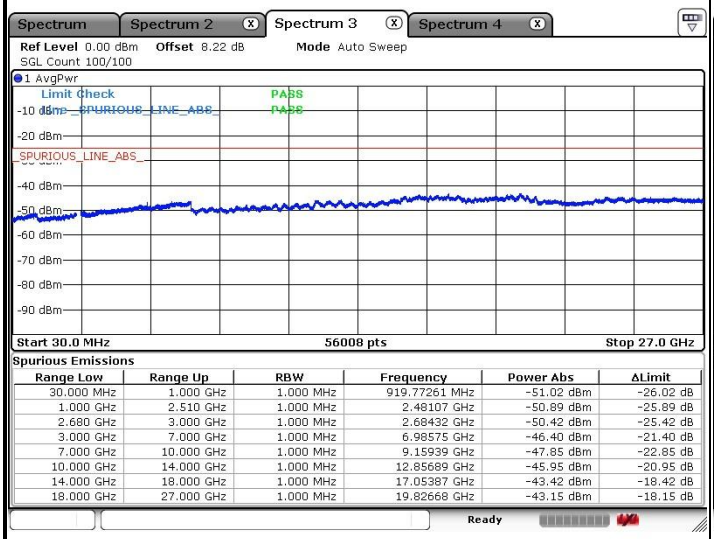
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	817.00400 MHz	-51.24 dBm	-26.24 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50673 GHz	-51.13 dBm	-26.13 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.70989 GHz	-50.62 dBm	-25.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17698 GHz	-45.22 dBm	-20.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.36836 GHz	-47.99 dBm	-22.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.83690 GHz	-45.74 dBm	-20.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03987 GHz	-43.55 dBm	-18.55 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86043 GHz	-42.93 dBm	-17.93 dB

Date: 13.MAY.2020 20:07:40

LTE Band 41 / 15MHz

Highest Channel / QPSK

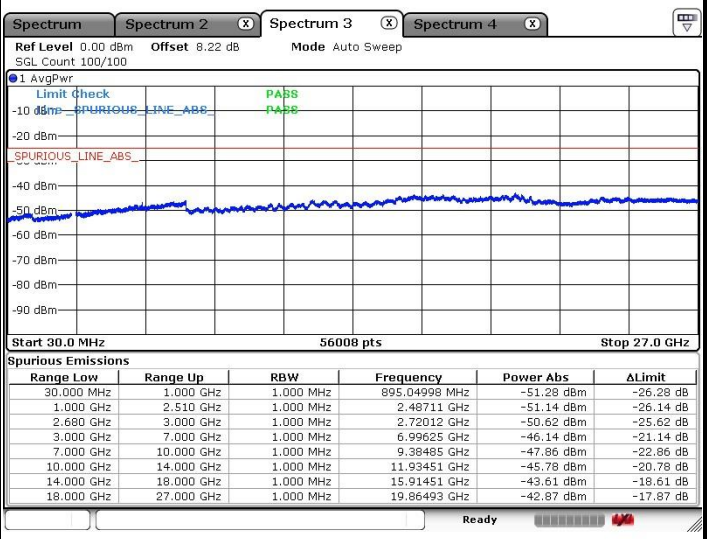


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-51.02 dBm	-26.02 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48107 GHz	-50.89 dBm	-25.89 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68432 GHz	-50.42 dBm	-25.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-46.40 dBm	-21.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15939 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85689 GHz	-45.95 dBm	-20.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.05387 GHz	-43.42 dBm	-18.42 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82668 GHz	-43.15 dBm	-18.15 dB

Date: 13.MAY.2020 20:05:35

Highest Channel / 16QAM



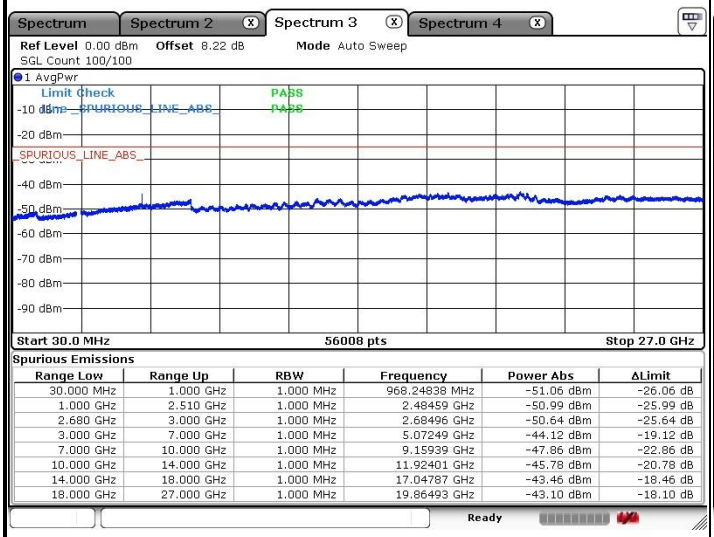
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-51.28 dBm	-26.28 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48711 GHz	-51.14 dBm	-26.14 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.72012 GHz	-50.62 dBm	-25.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-46.14 dBm	-21.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38485 GHz	-47.86 dBm	-22.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93451 GHz	-45.78 dBm	-20.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.91451 GHz	-43.61 dBm	-18.61 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86493 GHz	-42.87 dBm	-17.87 dB

Date: 13.MAY.2020 20:04:33

LTE Band 41 / 20MHz

Lowest Channel / QPSK

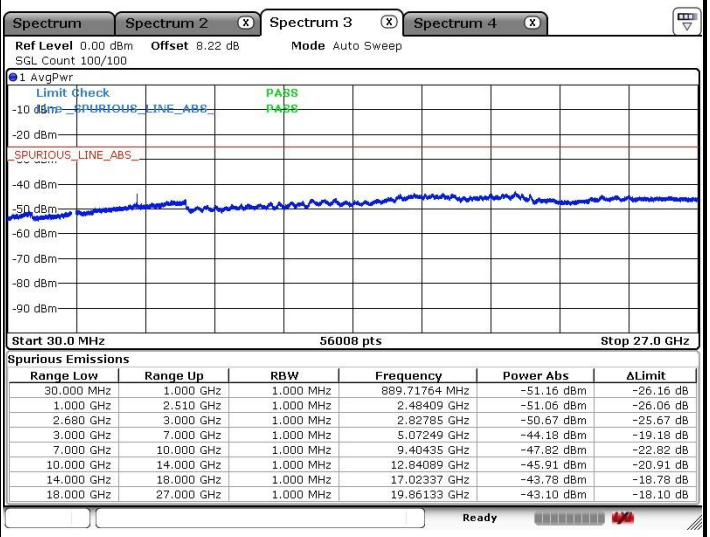


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-51.06 dBm	-26.06 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48459 GHz	-50.99 dBm	-25.99 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68496 GHz	-50.64 dBm	-25.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07249 GHz	-44.12 dBm	-19.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15939 GHz	-47.86 dBm	-22.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.92401 GHz	-45.78 dBm	-20.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04787 GHz	-43.46 dBm	-18.46 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86493 GHz	-43.10 dBm	-18.10 dB

Date: 13.MAY.2020 20:55:32

Lowest Channel / 16QAM



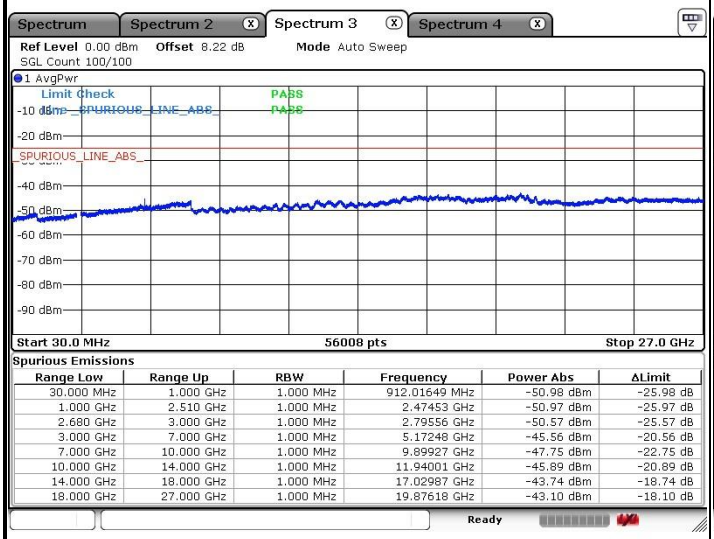
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-51.16 dBm	-26.16 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48409 GHz	-51.06 dBm	-26.06 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.82785 GHz	-50.67 dBm	-25.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07249 GHz	-44.18 dBm	-19.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40435 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.84089 GHz	-45.91 dBm	-20.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02337 GHz	-43.78 dBm	-18.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86133 GHz	-43.10 dBm	-18.10 dB

Date: 13.MAY.2020 20:54:33

LTE Band 41 / 20MHz

Middle Channel / QPSK

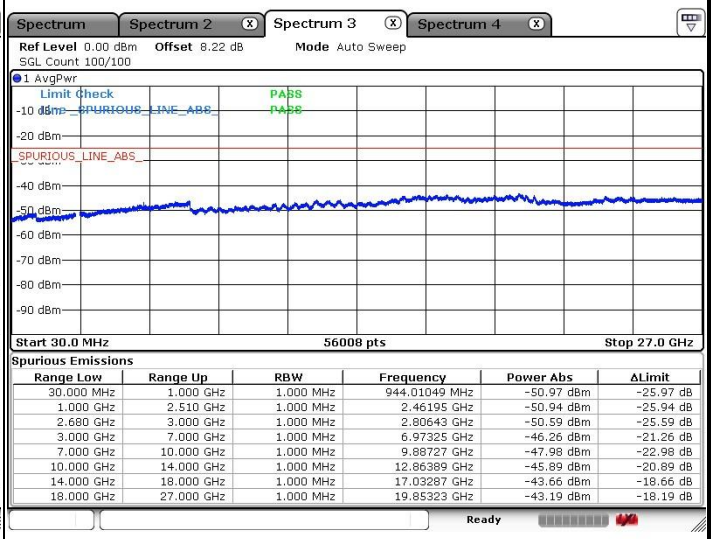


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-50.98 dBm	-25.98 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47453 GHz	-50.97 dBm	-25.97 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.79556 GHz	-50.57 dBm	-25.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17248 GHz	-45.56 dBm	-20.56 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.89927 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94001 GHz	-45.89 dBm	-20.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02987 GHz	-43.74 dBm	-18.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87618 GHz	-43.10 dBm	-18.10 dB

Date: 13.MAY.2020 20:50:35

Middle Channel / 16QAM

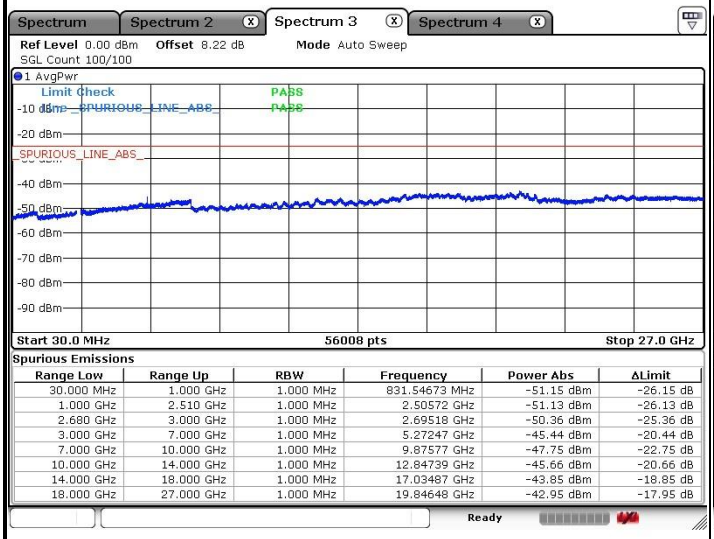


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-50.97 dBm	-25.97 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.46195 GHz	-50.94 dBm	-25.94 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.80643 GHz	-50.59 dBm	-25.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97325 GHz	-46.26 dBm	-21.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.88727 GHz	-47.98 dBm	-22.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.86389 GHz	-45.89 dBm	-20.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03287 GHz	-43.66 dBm	-18.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85323 GHz	-43.19 dBm	-18.19 dB

Date: 13.MAY.2020 20:51:30

Highest Channel / QPSK

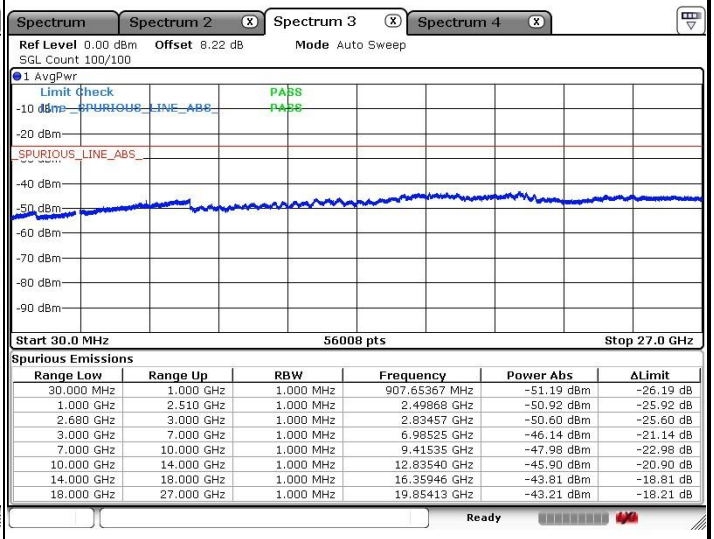


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.54673 MHz	-51.15 dBm	-26.15 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50572 GHz	-51.13 dBm	-26.13 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.69518 GHz	-50.36 dBm	-25.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.27247 GHz	-45.44 dBm	-20.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.87577 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.84739 GHz	-45.66 dBm	-20.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03487 GHz	-43.85 dBm	-18.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84648 GHz	-42.95 dBm	-17.95 dB

Date: 13.MAY.2020 20:49:37

Highest Channel / 16QAM



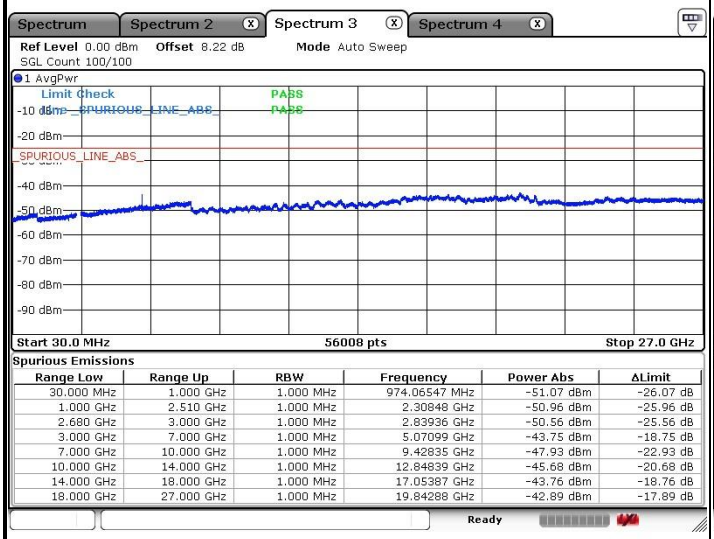
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-51.19 dBm	-26.19 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49868 GHz	-50.92 dBm	-25.92 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.83457 GHz	-50.60 dBm	-25.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-46.14 dBm	-21.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41535 GHz	-47.98 dBm	-22.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.83540 GHz	-45.90 dBm	-20.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.35946 GHz	-43.81 dBm	-18.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85413 GHz	-43.21 dBm	-18.21 dB

Date: 13.MAY.2020 20:48:39

LTE Band 41 / 5MHz

Lowest Channel / 64QAM

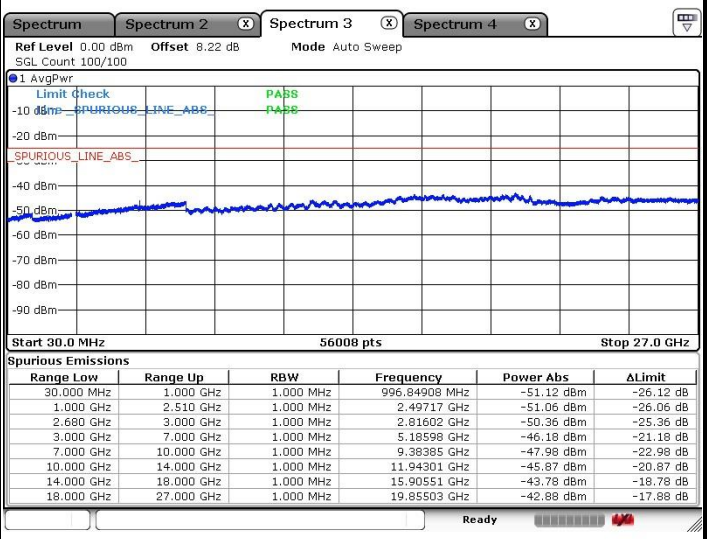


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-51.07 dBm	-26.07 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.30848 GHz	-50.96 dBm	-25.96 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.83936 GHz	-50.56 dBm	-25.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07099 GHz	-43.75 dBm	-18.75 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42835 GHz	-47.93 dBm	-22.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.84839 GHz	-45.68 dBm	-20.68 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.05387 GHz	-43.76 dBm	-18.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.84288 GHz	-42.89 dBm	-17.89 dB

Date: 13.MAY.2020 19:20:25

Middle Channel / 64QAM

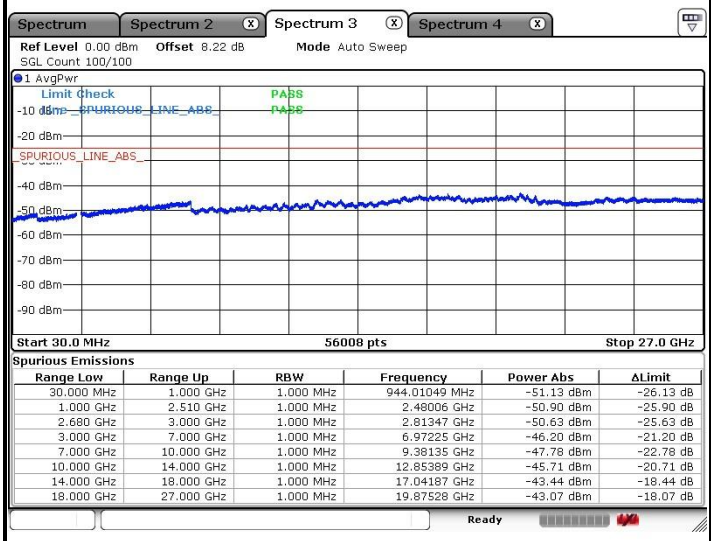


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-51.12 dBm	-26.12 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49717 GHz	-51.06 dBm	-26.06 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.81602 GHz	-50.36 dBm	-25.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18598 GHz	-46.18 dBm	-21.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38385 GHz	-47.98 dBm	-22.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94301 GHz	-45.87 dBm	-20.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.90551 GHz	-43.78 dBm	-18.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.85503 GHz	-42.88 dBm	-17.88 dB

Date: 13.MAY.2020 19:19:22

Highest Channel / 64QAM



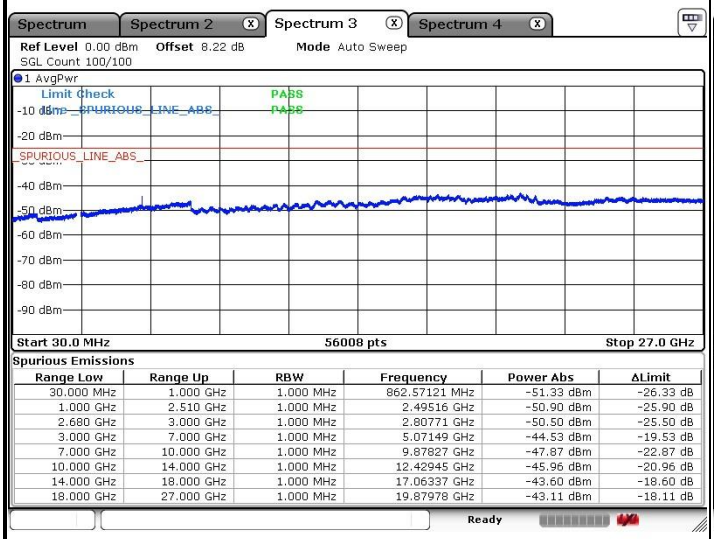
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-51.13 dBm	-26.13 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48006 GHz	-50.90 dBm	-25.90 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.81347 GHz	-50.63 dBm	-25.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97225 GHz	-46.20 dBm	-21.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38135 GHz	-47.78 dBm	-22.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85389 GHz	-45.71 dBm	-20.71 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04187 GHz	-43.44 dBm	-18.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87528 GHz	-43.07 dBm	-18.07 dB

Date: 13.MAY.2020 18:43:05

LTE Band 41 / 10MHz

Lowest Channel / 64QAM

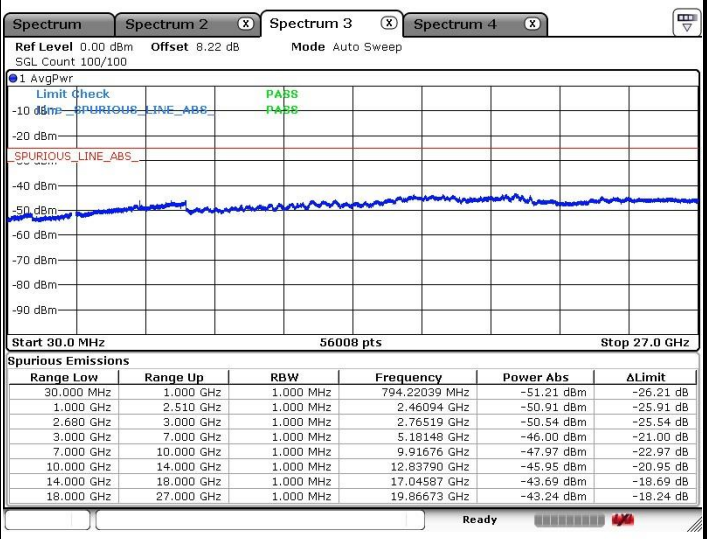


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	862.57121 MHz	-51.33 dBm	-26.33 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49516 GHz	-50.90 dBm	-25.90 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.80771 GHz	-50.50 dBm	-25.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07149 GHz	-44.53 dBm	-19.53 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.87827 GHz	-47.87 dBm	-22.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42945 GHz	-45.96 dBm	-20.96 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.06337 GHz	-43.60 dBm	-18.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87978 GHz	-43.11 dBm	-18.11 dB

Date: 13.MAY.2020 19:46:30

Middle Channel / 64QAM

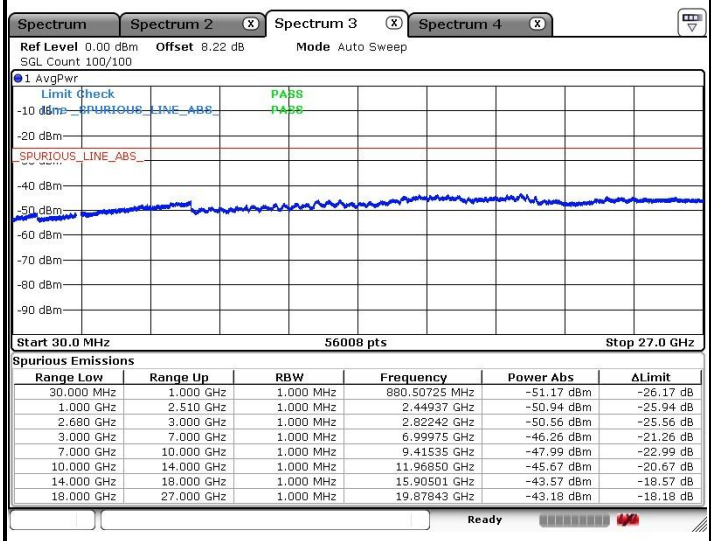


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	794.22039 MHz	-51.21 dBm	-26.21 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.46094 GHz	-50.91 dBm	-25.91 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.76519 GHz	-50.54 dBm	-25.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18148 GHz	-46.00 dBm	-21.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.91676 GHz	-47.97 dBm	-22.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.83790 GHz	-45.95 dBm	-20.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04587 GHz	-43.69 dBm	-18.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86673 GHz	-43.24 dBm	-18.24 dB

Date: 13.MAY.2020 19:45:19

Highest Channel / 64QAM



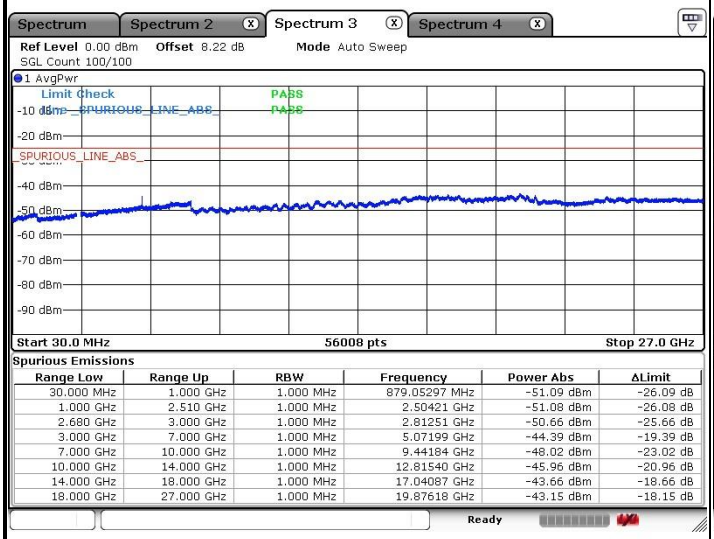
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-51.17 dBm	-26.17 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.44937 GHz	-50.94 dBm	-25.94 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.82242 GHz	-50.56 dBm	-25.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-46.26 dBm	-21.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41535 GHz	-47.99 dBm	-22.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.96850 GHz	-45.67 dBm	-20.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.90501 GHz	-43.57 dBm	-18.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87843 GHz	-43.18 dBm	-18.18 dB

Date: 13.MAY.2020 19:40:13

LTE Band 41 / 15MHz

Lowest Channel / 64QAM

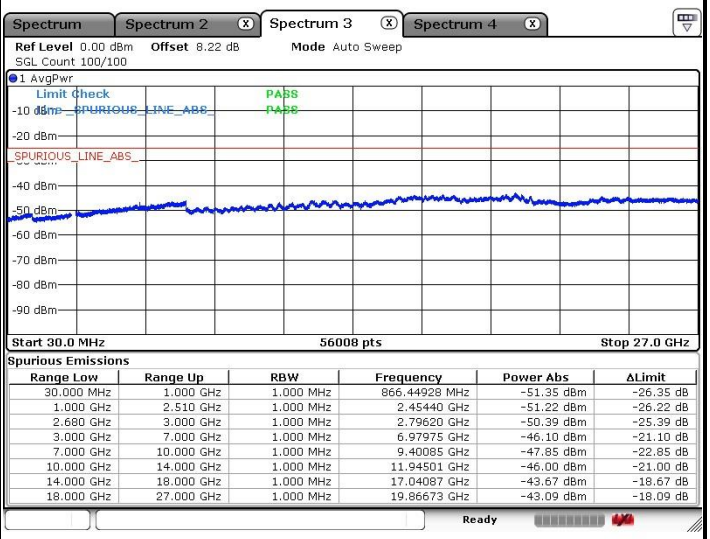


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.05297 MHz	-51.09 dBm	-26.09 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.50421 GHz	-51.08 dBm	-26.08 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.81251 GHz	-50.66 dBm	-25.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07199 GHz	-44.39 dBm	-19.39 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.44184 GHz	-48.02 dBm	-23.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.81540 GHz	-45.96 dBm	-20.96 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04087 GHz	-43.66 dBm	-18.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87618 GHz	-43.15 dBm	-18.15 dB

Date: 13.MAY.2020 20:09:49

Middle Channel / 64QAM

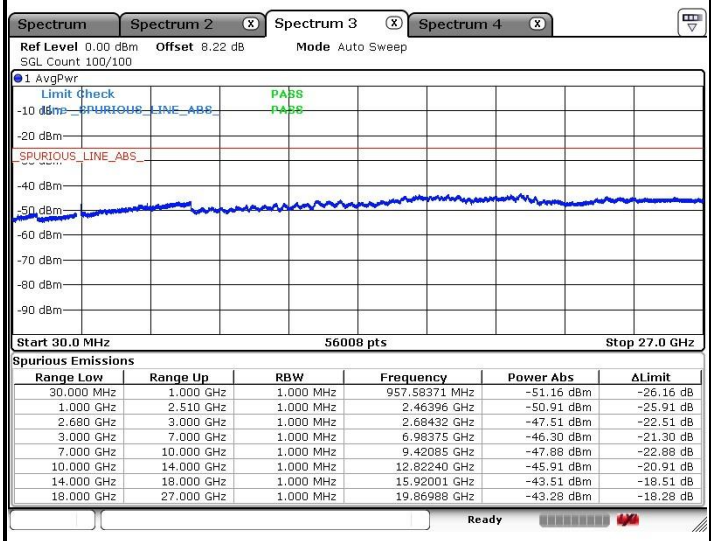


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	866.44928 MHz	-51.35 dBm	-26.35 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.45440 GHz	-51.22 dBm	-26.22 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.79620 GHz	-50.39 dBm	-25.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97975 GHz	-46.10 dBm	-21.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40085 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.94501 GHz	-46.00 dBm	-21.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.04087 GHz	-43.67 dBm	-18.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86673 GHz	-43.09 dBm	-18.09 dB

Date: 13.MAY.2020 20:08:36

Highest Channel / 64QAM



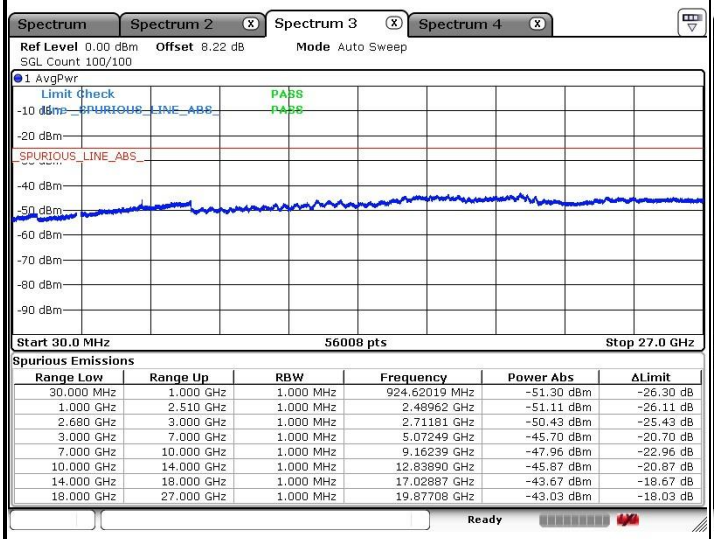
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-51.16 dBm	-26.16 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.46396 GHz	-50.91 dBm	-25.91 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68432 GHz	-47.51 dBm	-22.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98375 GHz	-46.30 dBm	-21.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.42085 GHz	-47.88 dBm	-22.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.82240 GHz	-45.91 dBm	-20.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.92001 GHz	-43.51 dBm	-18.51 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86988 GHz	-43.28 dBm	-18.28 dB

Date: 13.MAY.2020 20:03:27

LTE Band 41 / 20MHz

Lowest Channel / 64QAM

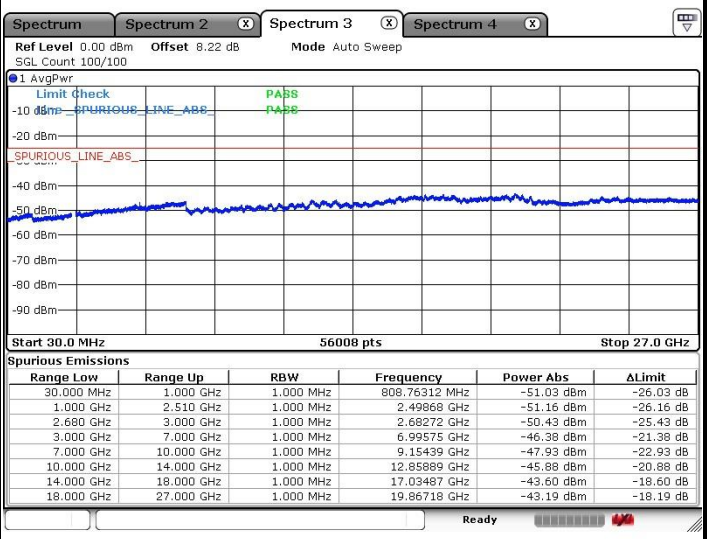


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.62019 MHz	-51.30 dBm	-26.30 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.48962 GHz	-51.11 dBm	-26.11 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.71181 GHz	-50.43 dBm	-25.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.07249 GHz	-45.70 dBm	-20.70 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16239 GHz	-47.96 dBm	-22.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.83890 GHz	-45.87 dBm	-20.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.02887 GHz	-43.67 dBm	-18.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87708 GHz	-43.03 dBm	-18.03 dB

Date: 13.MAY.2020 20:53:32

Middle Channel / 64QAM

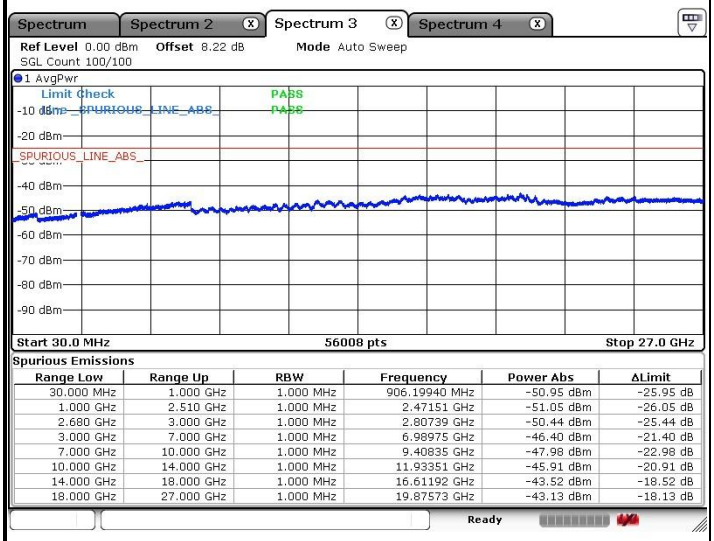


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	808.76312 MHz	-51.03 dBm	-26.03 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.49868 GHz	-51.16 dBm	-26.16 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.68272 GHz	-50.43 dBm	-25.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-46.38 dBm	-21.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15439 GHz	-47.93 dBm	-22.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.85889 GHz	-45.88 dBm	-20.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.03487 GHz	-43.60 dBm	-18.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.86718 GHz	-43.19 dBm	-18.19 dB

Date: 13.MAY.2020 20:52:31

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-50.95 dBm	-25.95 dB
1.000 GHz	2.510 GHz	1.000 MHz	2.47151 GHz	-51.05 dBm	-26.05 dB
2.680 GHz	3.000 GHz	1.000 MHz	2.80739 GHz	-50.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-46.40 dBm	-21.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.40835 GHz	-47.98 dBm	-22.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.93351 GHz	-45.91 dBm	-20.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.61192 GHz	-43.52 dBm	-18.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.87573 GHz	-43.13 dBm	-18.13 dB

Date: 13.MAY.2020 20:47:25

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix C. Test Results of Radiated Test

Radiated Spurious Emission

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)
Middle	1660	-55.94	-13	-42.94	-62.91	1.58	10.70	H
	2490	-64.45	-13	-51.45	-72.70	2.102	12.50	H
	3318	-62.57	-13	-49.57	-71.46	2.856	13.90	H
	4152	-58.38	-13	-45.38	-66.84	2.689	13.30	H
	4980	-48.46	-13	-35.46	-56.22	3.093	13.00	H
	5808	-52.56	-13	-39.56	-61.33	3.178	14.10	H
	6636	-53.03	-13	-40.03	-60.27	3.306	12.70	H
	7470	-47.79	-13	-34.79	-55.38	3.406	13.15	H
	8298	-38.69	-13	-25.69	-45.66	1.58	10.70	H
	1660	-58.47	-13	-45.47	-65.44	1.58	10.70	V
	2490	-63.70	-13	-50.70	-71.95	2.10	12.50	V
	3318	-62.59	-13	-49.59	-71.48	2.86	13.90	V
	4152	-58.10	-13	-45.10	-66.56	2.69	13.30	V
	4980	-48.80	-13	-35.80	-56.56	3.09	13.00	V
	5808	-50.27	-13	-37.27	-59.04	3.18	14.10	V
	6636	-52.87	-13	-39.87	-60.11	3.31	12.70	V
	7470	-49.45	-13	-36.45	-57.04	3.41	13.15	V
	8298	-42.99	-13	-29.99	-50.58	3.41	13.15	V

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

LTE Band 41 / 15MHz / 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	5172	-46.48	-25	-21.48	-56.69	3.03	13.24	H
	7756	-34.03	-25	-9.03	-43.48	3.56	13.01	H
	10340	-55.16	-25	-30.16	-64.68	3.92	13.44	H
	12930	-50.47	-25	-25.47	-60.19	3.92	13.64	H
	5172	-49.44	-25	-24.44	-59.65	3.03	13.24	V
	7756	-40.82	-25	-15.82	-50.27	3.56	13.01	V
	10340	-54.09	-25	-29.09	-63.61	3.92	13.44	V
	12930	-52.61	-25	-27.61	-62.53	3.92	13.84	V

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

Appendix E. Reference Report

Please refer to Sporton report number FG042102B which is issued separately.