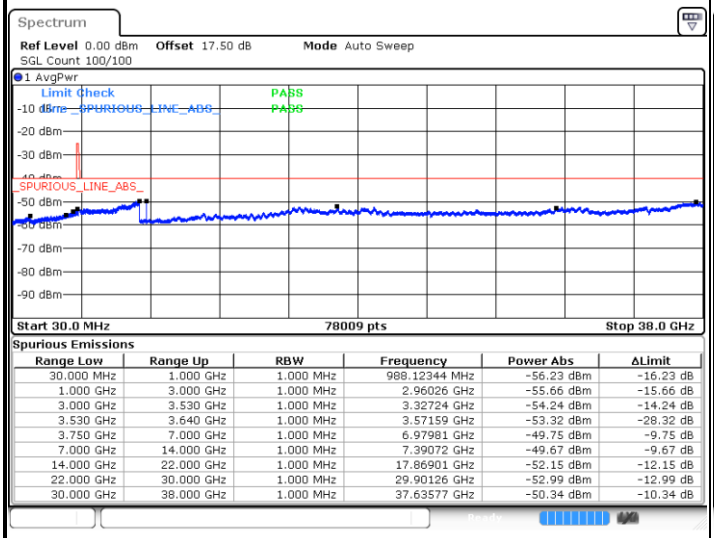
LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

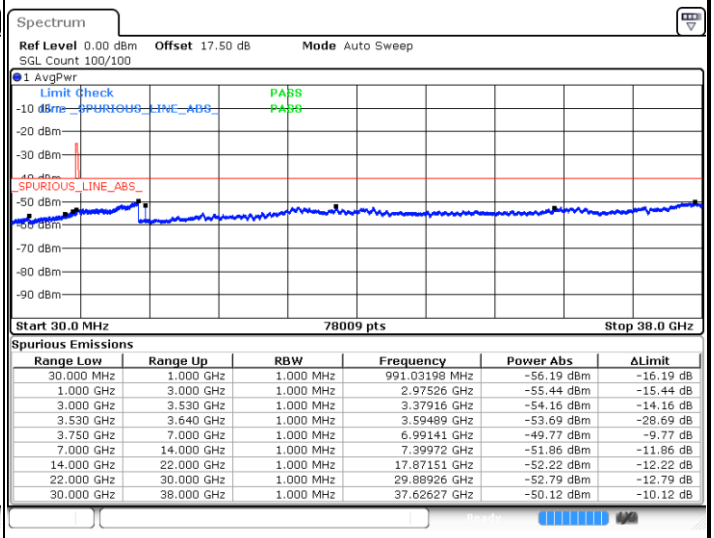


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-56.23 dBm	-16.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96026 GHz	-55.66 dBm	-15.66 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.32724 GHz	-54.24 dBm	-14.24 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.57159 GHz	-53.32 dBm	-28.32 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.97981 GHz	-49.75 dBm	-9.75 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39072 GHz	-49.67 dBm	-9.67 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.86901 GHz	-52.15 dBm	-12.15 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90126 GHz	-52.99 dBm	-12.99 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63577 GHz	-50.34 dBm	-10.34 dB

Date: 21.JUL.2020 00:30:37

Highest Channel / 1RBmax

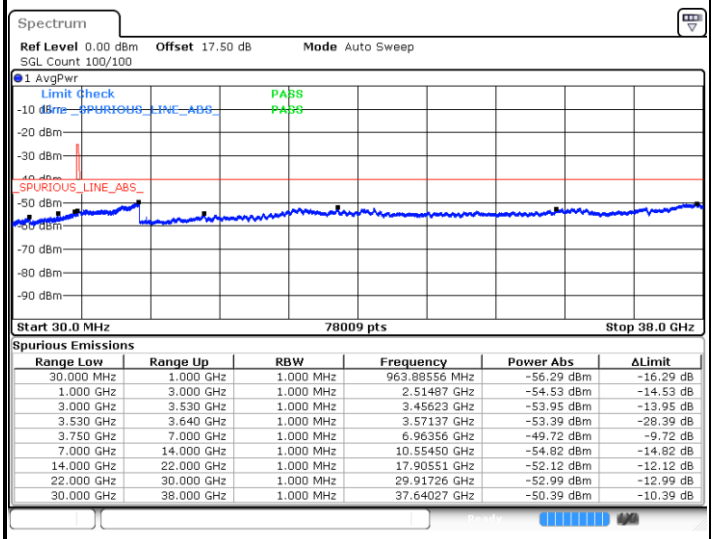


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-56.19 dBm	-16.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97526 GHz	-55.44 dBm	-15.44 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.37916 GHz	-54.16 dBm	-14.16 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.59489 GHz	-53.69 dBm	-28.69 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99141 GHz	-49.77 dBm	-9.77 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39972 GHz	-51.86 dBm	-11.86 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.87151 GHz	-52.22 dBm	-12.22 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.88926 GHz	-52.79 dBm	-12.79 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62627 GHz	-50.12 dBm	-10.12 dB

Date: 21.JUL.2020 00:50:42

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-56.29 dBm	-16.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51487 GHz	-54.53 dBm	-14.53 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45623 GHz	-53.95 dBm	-13.95 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.57137 GHz	-53.39 dBm	-28.39 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.96356 GHz	-49.72 dBm	-9.72 dB
7.000 GHz	14.000 GHz	1.000 MHz	10.55450 GHz	-54.82 dBm	-14.82 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90551 GHz	-52.12 dBm	-12.12 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91726 GHz	-52.99 dBm	-12.99 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.64027 GHz	-50.39 dBm	-10.39 dB

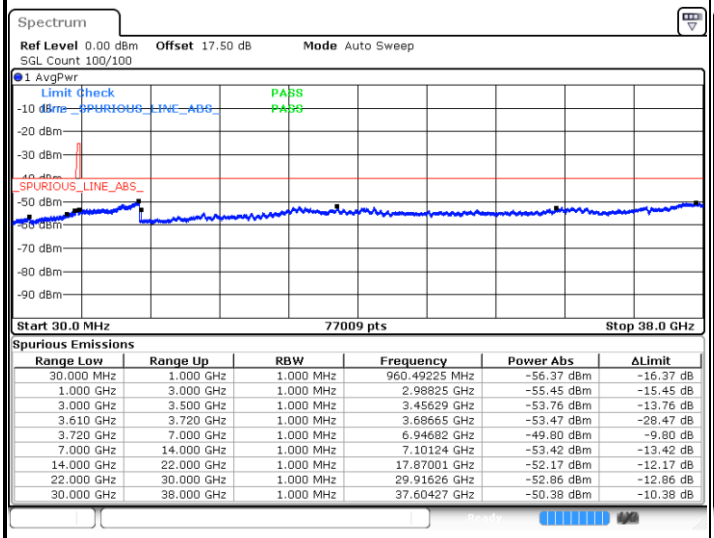
Date: 21.JUL.2020 00:40:39

N/A

LTE Band 48 / 10MHz

64QAM

Lowest Channel / 1RB0

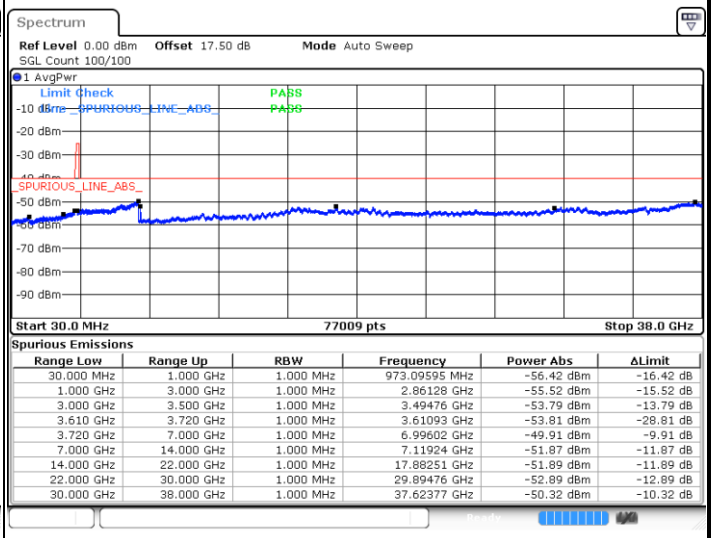


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.49225 MHz	-56.37 dBm	-16.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98825 GHz	-55.45 dBm	-15.45 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45629 GHz	-53.76 dBm	-13.76 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.68665 GHz	-53.47 dBm	-28.47 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.94682 GHz	-49.80 dBm	-9.80 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10124 GHz	-53.42 dBm	-13.42 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.87001 GHz	-52.17 dBm	-12.17 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91626 GHz	-52.86 dBm	-12.86 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.60427 GHz	-50.38 dBm	-10.38 dB

Date: 21.JUL.2020 00:51:49

Lowest Channel / 1RBmax

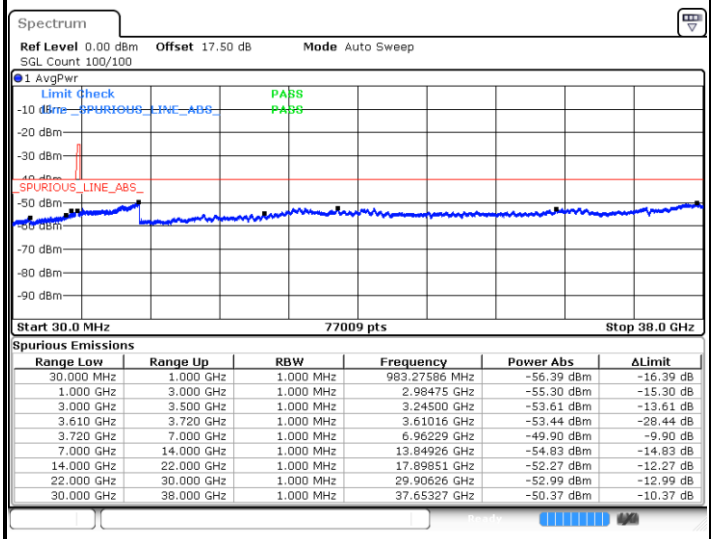


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.09595 MHz	-56.42 dBm	-16.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86128 GHz	-55.52 dBm	-15.52 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49476 GHz	-53.79 dBm	-13.79 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61093 GHz	-53.81 dBm	-28.81 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.99602 GHz	-49.91 dBm	-9.91 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.11924 GHz	-51.87 dBm	-11.87 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88251 GHz	-51.89 dBm	-11.89 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89476 GHz	-52.89 dBm	-12.89 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62377 GHz	-50.32 dBm	-10.32 dB

Date: 21.JUL.2020 01:11:54

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-56.39 dBm	-16.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98475 GHz	-55.30 dBm	-15.30 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.24500 GHz	-53.61 dBm	-13.61 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61016 GHz	-53.44 dBm	-28.44 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.96229 GHz	-49.90 dBm	-9.90 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.84926 GHz	-54.83 dBm	-14.83 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.89851 GHz	-52.27 dBm	-12.27 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90626 GHz	-52.99 dBm	-12.99 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.65327 GHz	-50.37 dBm	-10.37 dB

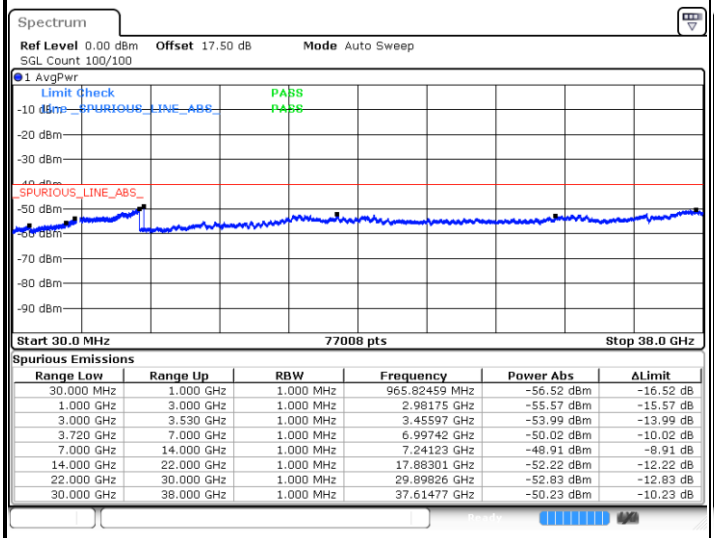
Date: 21.JUL.2020 01:01:52

N/A

LTE Band 48 / 10MHz

64QAM

MiddleChannel / 1RB0

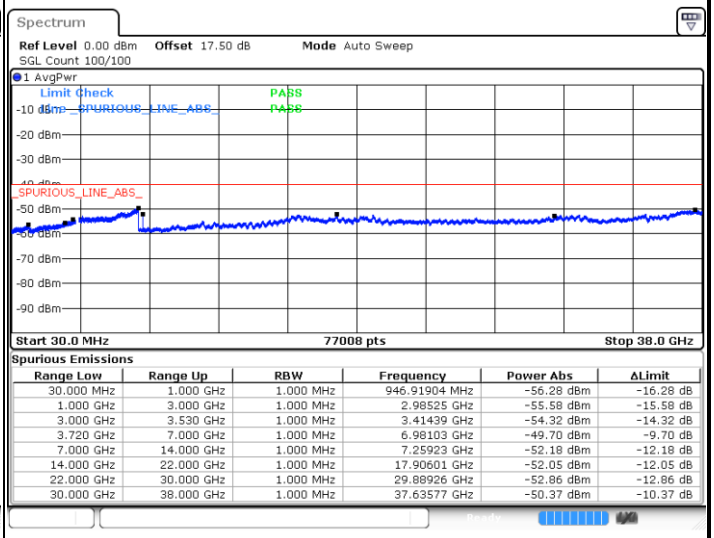


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-56.52 dBm	-16.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98175 GHz	-55.57 dBm	-15.57 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45597 GHz	-53.99 dBm	-13.99 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.99742 GHz	-50.02 dBm	-10.02 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24123 GHz	-48.91 dBm	-8.91 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88301 GHz	-52.22 dBm	-12.22 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89826 GHz	-52.83 dBm	-12.83 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61477 GHz	-50.23 dBm	-10.23 dB

Date: 21.JUL.2020 00:57:23

Middle Channel / 1RBmax

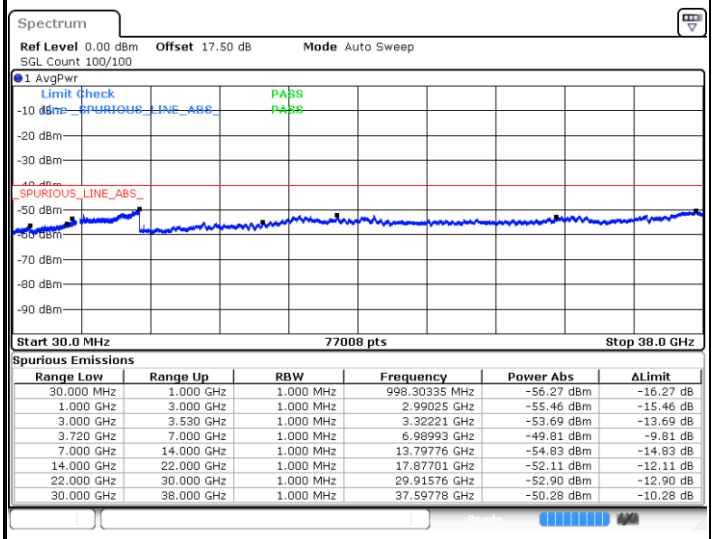


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-56.28 dBm	-16.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98525 GHz	-55.58 dBm	-15.58 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.41439 GHz	-54.32 dBm	-14.32 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.98103 GHz	-49.70 dBm	-9.70 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.25923 GHz	-52.18 dBm	-12.18 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90601 GHz	-52.05 dBm	-12.05 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.88926 GHz	-52.86 dBm	-12.86 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63577 GHz	-50.37 dBm	-10.37 dB

Date: 21.JUL.2020 01:17:28

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-56.27 dBm	-16.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99025 GHz	-55.46 dBm	-15.46 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.32221 GHz	-53.69 dBm	-13.69 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.98993 GHz	-49.81 dBm	-9.81 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.79776 GHz	-54.83 dBm	-14.83 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.87701 GHz	-52.11 dBm	-12.11 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91576 GHz	-52.90 dBm	-12.90 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.59778 GHz	-50.28 dBm	-10.28 dB

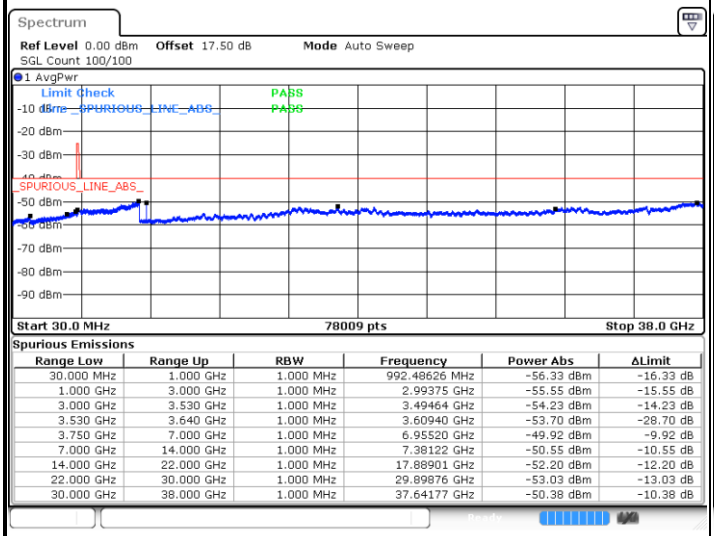
Date: 21.JUL.2020 01:07:26

N/A

LTE Band 48 / 10MHz

64QAM

Highest Channel / 1RB0

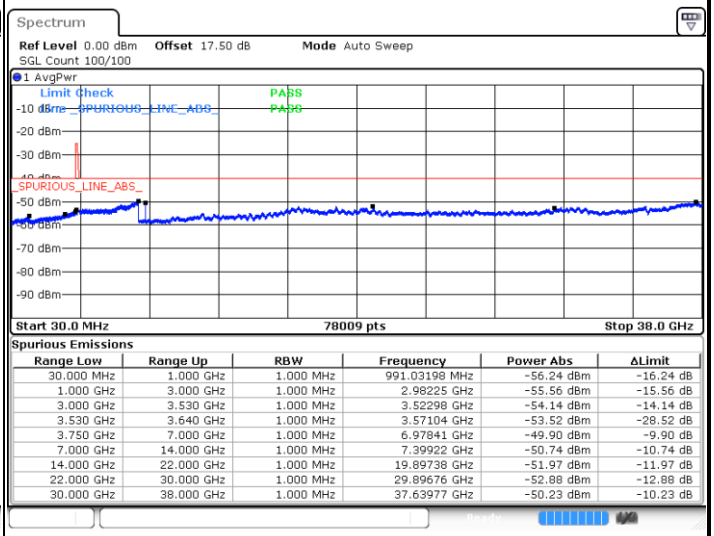


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-56.33 dBm	-16.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99375 GHz	-55.55 dBm	-15.55 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.49464 GHz	-54.23 dBm	-14.23 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.60940 GHz	-53.70 dBm	-28.70 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.95520 GHz	-49.92 dBm	-9.92 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.38122 GHz	-50.55 dBm	-10.55 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88901 GHz	-52.20 dBm	-12.20 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89876 GHz	-53.03 dBm	-13.03 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.64177 GHz	-50.38 dBm	-10.38 dB

Date: 21.JUL.2020 00:58:30

Highest Channel / 1RBmax

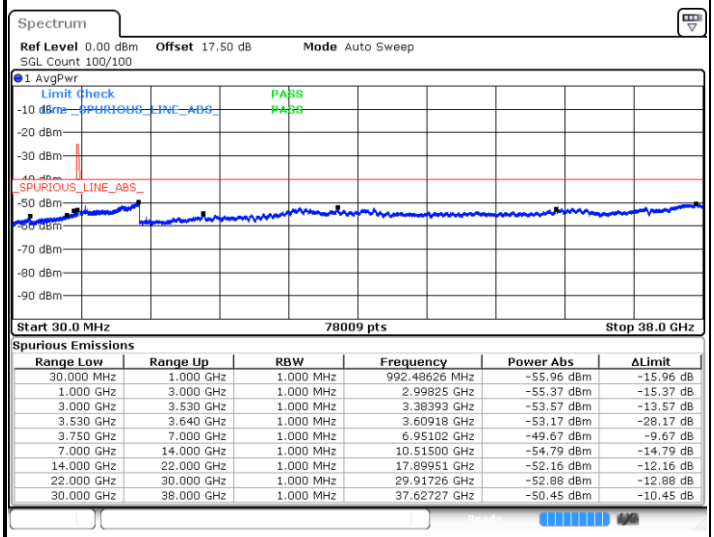


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-56.24 dBm	-16.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98225 GHz	-55.56 dBm	-15.56 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52298 GHz	-54.14 dBm	-14.14 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.57104 GHz	-53.52 dBm	-28.52 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.97841 GHz	-49.90 dBm	-9.90 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39922 GHz	-50.74 dBm	-10.74 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.89738 GHz	-51.97 dBm	-11.97 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89676 GHz	-52.88 dBm	-12.88 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63977 GHz	-50.23 dBm	-10.23 dB

Date: 21.JUL.2020 01:18:35

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-55.96 dBm	-15.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99825 GHz	-55.37 dBm	-15.37 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.38393 GHz	-53.57 dBm	-13.57 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.60918 GHz	-53.17 dBm	-28.17 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.95102 GHz	-49.67 dBm	-9.67 dB
7.000 GHz	14.000 GHz	1.000 MHz	10.51500 GHz	-54.79 dBm	-14.79 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.89951 GHz	-52.16 dBm	-12.16 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91726 GHz	-52.88 dBm	-12.88 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62727 GHz	-50.45 dBm	-10.45 dB

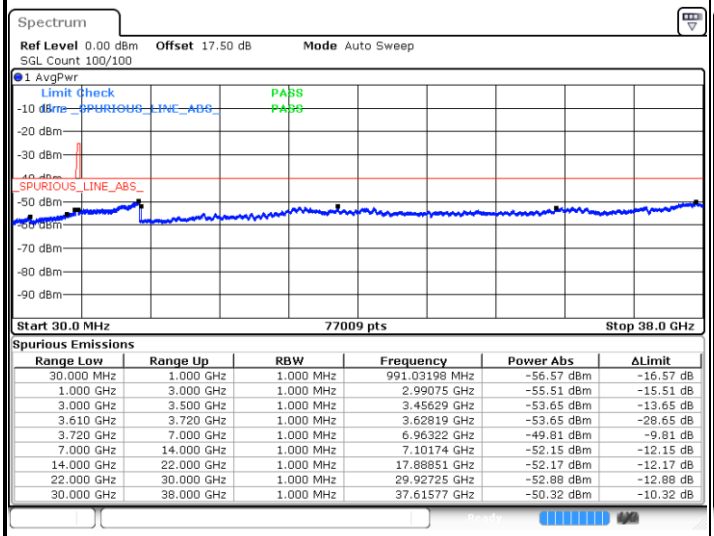
Date: 21.JUL.2020 01:08:33

N/A

LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

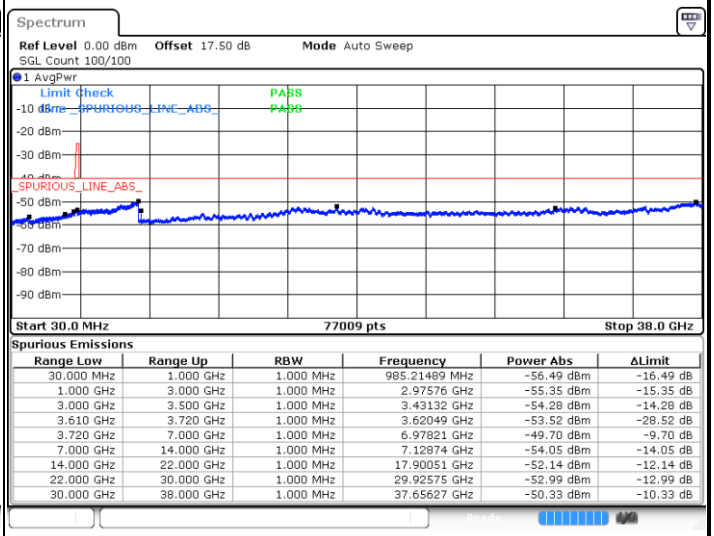


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-56.57 dBm	-16.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99075 GHz	-55.51 dBm	-15.51 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45629 GHz	-53.65 dBm	-13.65 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.62819 GHz	-53.65 dBm	-28.65 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.96322 GHz	-49.81 dBm	-9.81 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10174 GHz	-52.15 dBm	-12.15 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88851 GHz	-52.17 dBm	-12.17 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.92725 GHz	-52.88 dBm	-12.88 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61577 GHz	-50.32 dBm	-10.32 dB

Date: 21.JUL.2020 01:24:11

Lowest Channel / 1RBmax

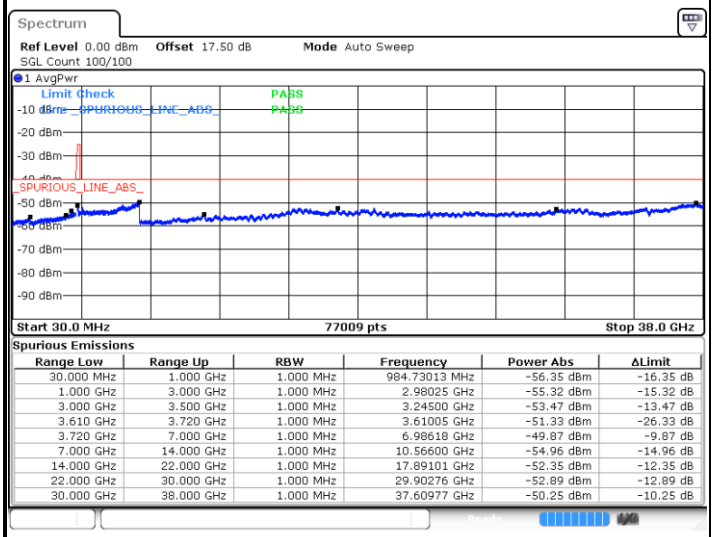


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-56.49 dBm	-16.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97576 GHz	-55.35 dBm	-15.35 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.43132 GHz	-54.28 dBm	-14.28 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.62049 GHz	-53.52 dBm	-28.52 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.97821 GHz	-49.70 dBm	-9.70 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.12874 GHz	-54.05 dBm	-14.05 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90051 GHz	-52.14 dBm	-12.14 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.92575 GHz	-52.99 dBm	-12.99 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.65627 GHz	-50.33 dBm	-10.33 dB

Date: 21.JUL.2020 01:44:17

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.73013 MHz	-56.35 dBm	-16.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98025 GHz	-55.32 dBm	-15.32 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.24500 GHz	-53.47 dBm	-13.47 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61005 GHz	-51.33 dBm	-26.33 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.98618 GHz	-49.87 dBm	-9.87 dB
7.000 GHz	14.000 GHz	1.000 MHz	10.56600 GHz	-54.96 dBm	-14.96 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.89101 GHz	-52.35 dBm	-12.35 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90276 GHz	-52.89 dBm	-12.89 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.60977 GHz	-50.25 dBm	-10.25 dB

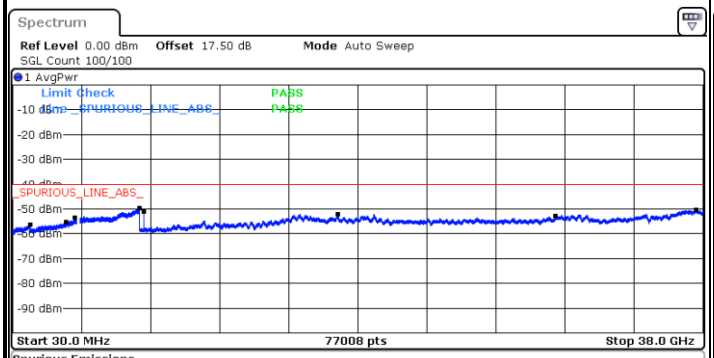
Date: 21.JUL.2020 01:34:14

N/A

LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

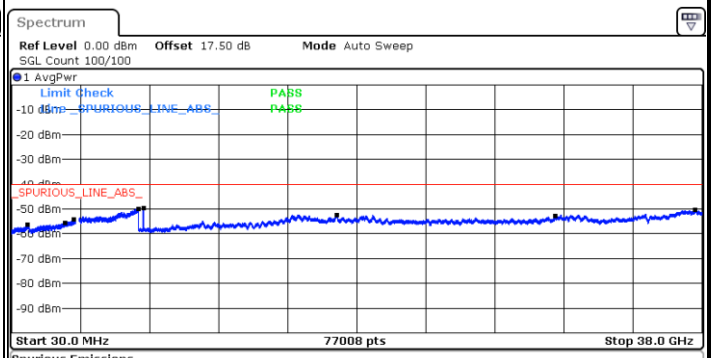


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-56.30 dBm	-16.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98525 GHz	-55.37 dBm	-15.37 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45623 GHz	-53.68 dBm	-13.68 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.98477 GHz	-49.80 dBm	-9.80 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23673 GHz	-50.93 dBm	-10.93 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88801 GHz	-52.11 dBm	-12.11 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89326 GHz	-52.98 dBm	-12.98 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63527 GHz	-50.36 dBm	-10.36 dB

Date: 21.JUL.2020 01:25:18

Middle Channel / 1RBmax

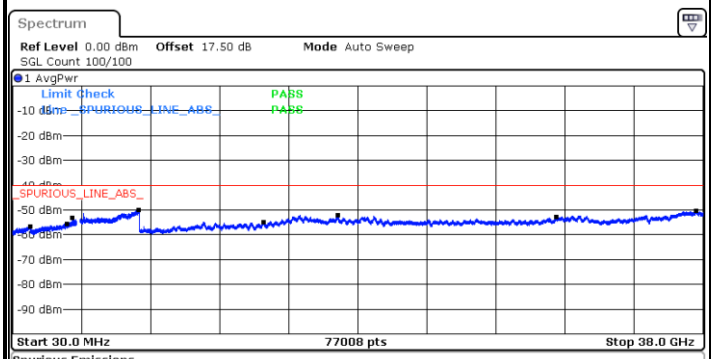


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-56.42 dBm	-16.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95326 GHz	-55.53 dBm	-15.53 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45597 GHz	-54.29 dBm	-14.29 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.99742 GHz	-49.91 dBm	-9.91 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.26373 GHz	-49.55 dBm	-9.55 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88851 GHz	-52.37 dBm	-12.37 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91726 GHz	-52.96 dBm	-12.96 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62377 GHz	-50.35 dBm	-10.35 dB

Date: 21.JUL.2020 01:45:23

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-56.58 dBm	-16.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98775 GHz	-55.48 dBm	-15.48 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.31162 GHz	-53.28 dBm	-13.28 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.95057 GHz	-49.91 dBm	-9.91 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.80876 GHz	-54.95 dBm	-14.95 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90251 GHz	-52.19 dBm	-12.19 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.92525 GHz	-52.89 dBm	-12.89 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62377 GHz	-50.40 dBm	-10.40 dB

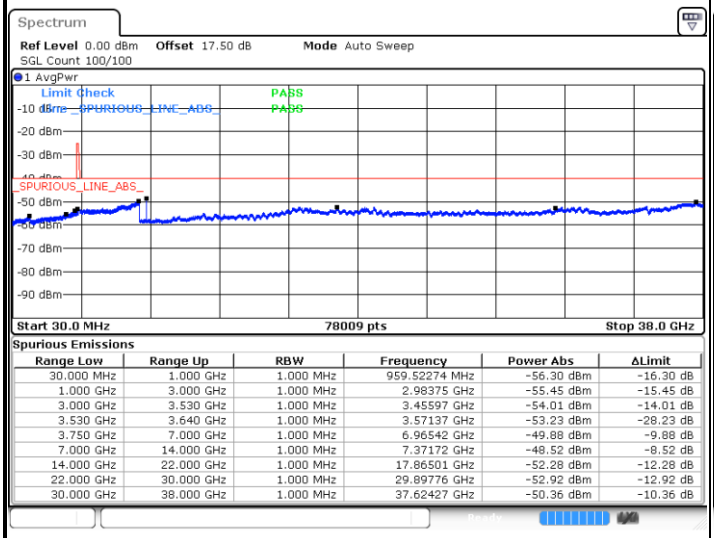
Date: 21.JUL.2020 01:35:20

N/A

LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

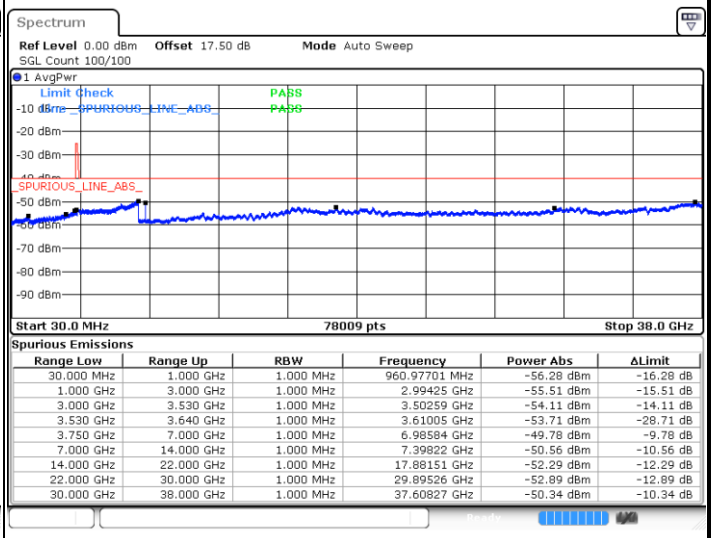


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-56.30 dBm	-16.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98375 GHz	-55.45 dBm	-15.45 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45597 GHz	-54.01 dBm	-14.01 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.57137 GHz	-53.23 dBm	-28.23 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.96542 GHz	-49.88 dBm	-9.88 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.37172 GHz	-48.52 dBm	-8.52 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.86501 GHz	-52.28 dBm	-12.28 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89776 GHz	-52.92 dBm	-12.92 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62427 GHz	-50.36 dBm	-10.36 dB

Date: 21.JUL.2020 01:30:52

Highest Channel / 1RBmax

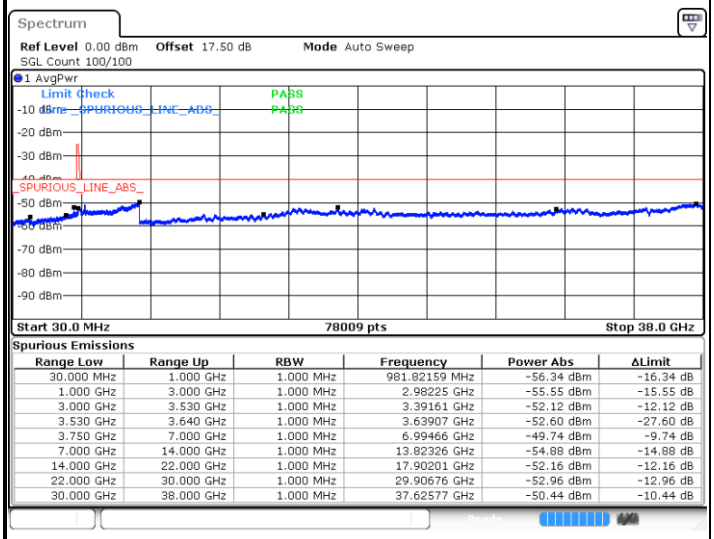


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-56.28 dBm	-16.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99425 GHz	-55.51 dBm	-15.51 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.50259 GHz	-54.11 dBm	-14.11 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.61005 GHz	-53.71 dBm	-28.71 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98584 GHz	-49.78 dBm	-9.78 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39822 GHz	-50.56 dBm	-10.56 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.88151 GHz	-52.29 dBm	-12.29 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89526 GHz	-52.89 dBm	-12.89 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.60827 GHz	-50.34 dBm	-10.34 dB

Date: 21.JUL.2020 01:50:57

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-56.34 dBm	-16.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98225 GHz	-55.55 dBm	-15.55 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.39161 GHz	-52.12 dBm	-12.12 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63907 GHz	-52.60 dBm	-27.60 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99466 GHz	-49.74 dBm	-9.74 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.82326 GHz	-54.88 dBm	-14.88 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90201 GHz	-52.16 dBm	-12.16 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90676 GHz	-52.96 dBm	-12.96 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62577 GHz	-50.44 dBm	-10.44 dB

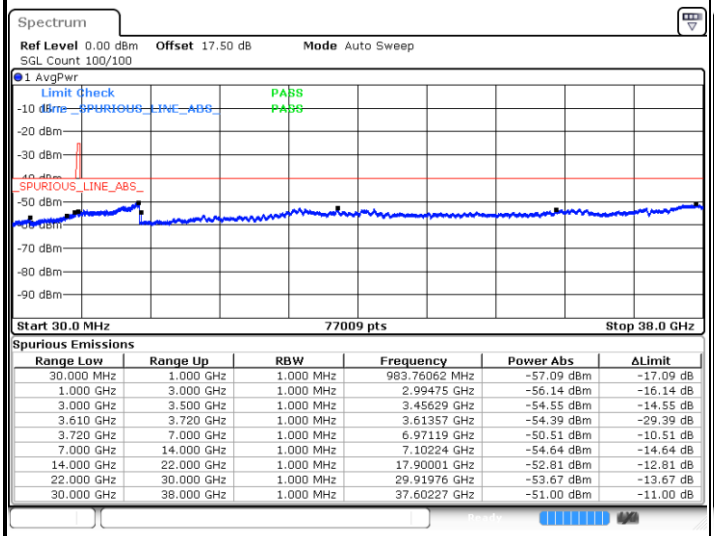
Date: 21.JUL.2020 01:40:55

N/A

LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

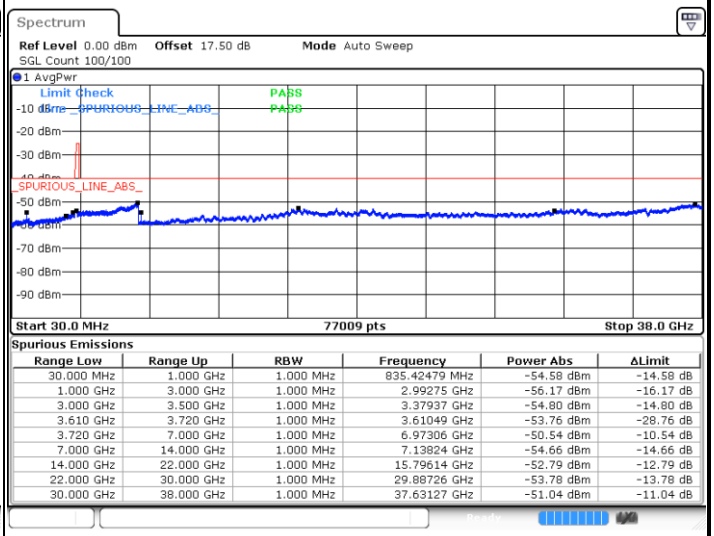


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-57.09 dBm	-17.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99475 GHz	-56.14 dBm	-16.14 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.45629 GHz	-54.55 dBm	-14.55 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61357 GHz	-54.39 dBm	-29.39 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.97119 GHz	-50.51 dBm	-10.51 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10224 GHz	-54.64 dBm	-14.64 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.90001 GHz	-52.81 dBm	-12.81 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.91976 GHz	-53.67 dBm	-13.67 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.60227 GHz	-51.00 dBm	-11.00 dB

Date: 22.JUL.2020 17:24:26

Lowest Channel / 1RBmax

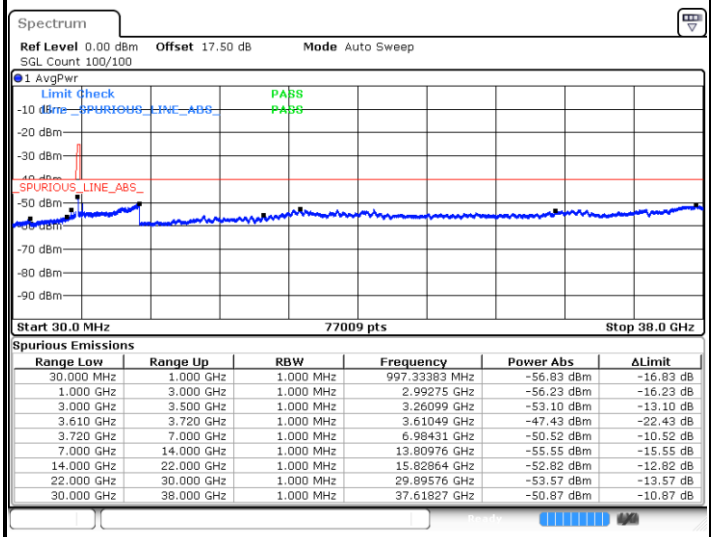


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	835.42479 MHz	-54.58 dBm	-14.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99275 GHz	-56.17 dBm	-16.17 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37937 GHz	-54.80 dBm	-14.80 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61049 GHz	-53.76 dBm	-28.76 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.97306 GHz	-50.54 dBm	-10.54 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.13824 GHz	-54.66 dBm	-14.66 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.79614 GHz	-52.79 dBm	-12.79 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.88726 GHz	-53.78 dBm	-13.78 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63127 GHz	-51.04 dBm	-11.04 dB

Date: 22.JUL.2020 17:34:28

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-56.83 dBm	-16.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99275 GHz	-56.23 dBm	-16.23 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.26099 GHz	-53.10 dBm	-13.10 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.61049 GHz	-47.43 dBm	-22.43 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.98431 GHz	-50.52 dBm	-10.52 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.80976 GHz	-55.55 dBm	-15.55 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.82864 GHz	-52.82 dBm	-12.82 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89576 GHz	-53.57 dBm	-13.57 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61827 GHz	-50.87 dBm	-10.87 dB

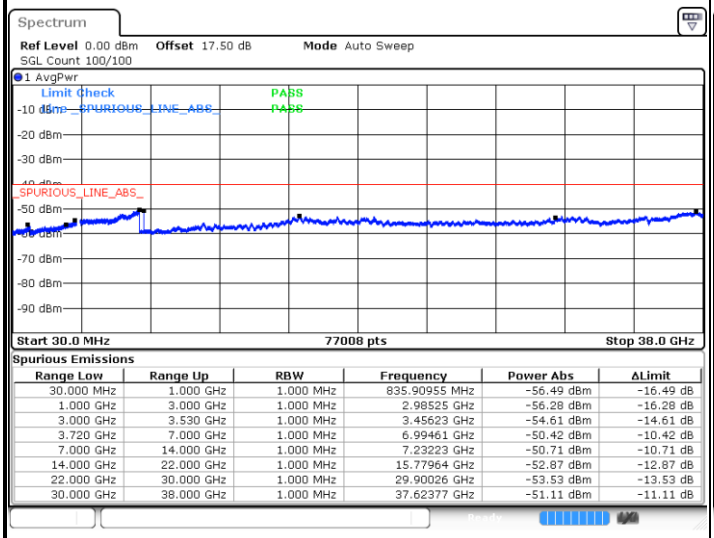
Date: 22.JUL.2020 20:17:52

N/A

LTE Band 48 / 20MHz

64QAM

Middle Channel / 1RB0

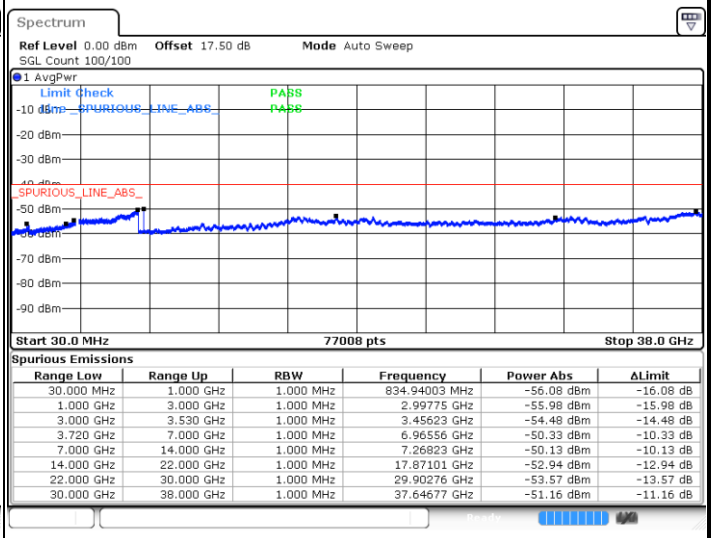


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	835.90955 MHz	-56.49 dBm	-16.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98525 GHz	-56.28 dBm	-16.28 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45623 GHz	-54.61 dBm	-14.61 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.99461 GHz	-50.42 dBm	-10.42 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.23223 GHz	-50.71 dBm	-10.71 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.77964 GHz	-52.87 dBm	-12.87 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90026 GHz	-53.53 dBm	-13.53 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.62377 GHz	-51.11 dBm	-11.11 dB

Date: 22.JUL.2020 17:29:59

Middle Channel / 1RBmax

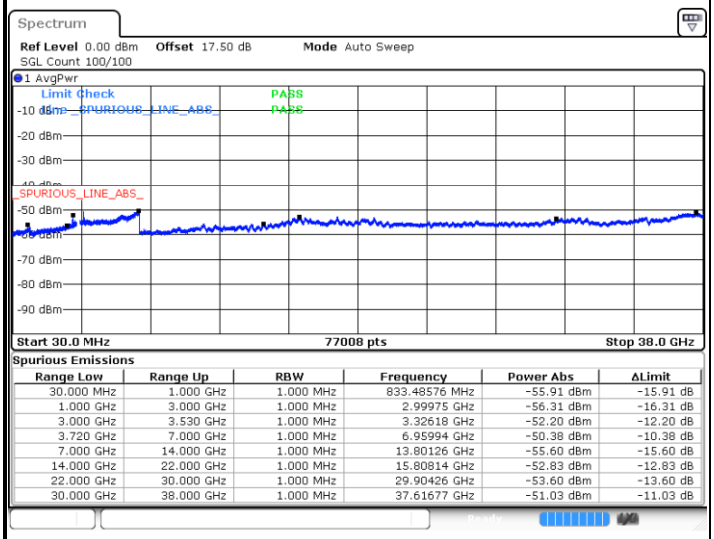


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	834.94003 MHz	-56.08 dBm	-16.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99775 GHz	-55.98 dBm	-15.98 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.45623 GHz	-54.48 dBm	-14.48 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.96556 GHz	-50.33 dBm	-10.33 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.26823 GHz	-50.13 dBm	-10.13 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.87101 GHz	-52.94 dBm	-12.94 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90276 GHz	-53.57 dBm	-13.57 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.64677 GHz	-51.16 dBm	-11.16 dB

Date: 22.JUL.2020 17:40:00

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-55.91 dBm	-15.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99975 GHz	-56.31 dBm	-16.31 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.32618 GHz	-52.20 dBm	-12.20 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.95994 GHz	-50.38 dBm	-10.38 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.80126 GHz	-55.60 dBm	-15.60 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.80814 GHz	-52.83 dBm	-12.83 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.90426 GHz	-53.60 dBm	-13.60 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61677 GHz	-51.03 dBm	-11.03 dB

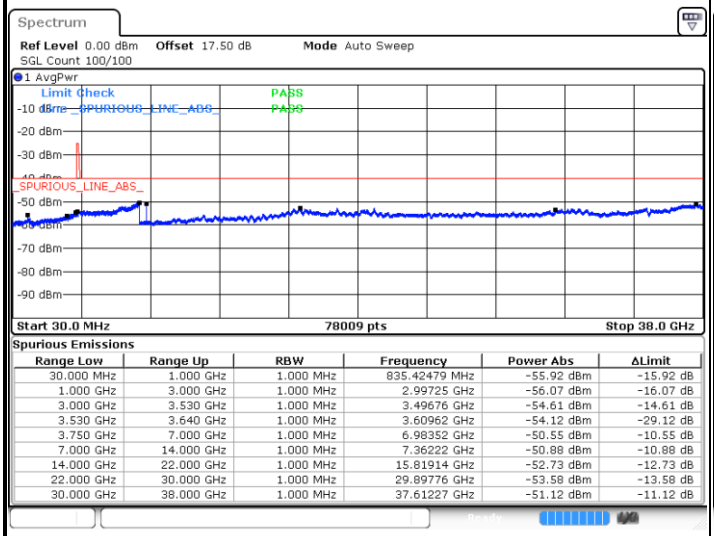
Date: 22.JUL.2020 17:19:58

N/A

LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

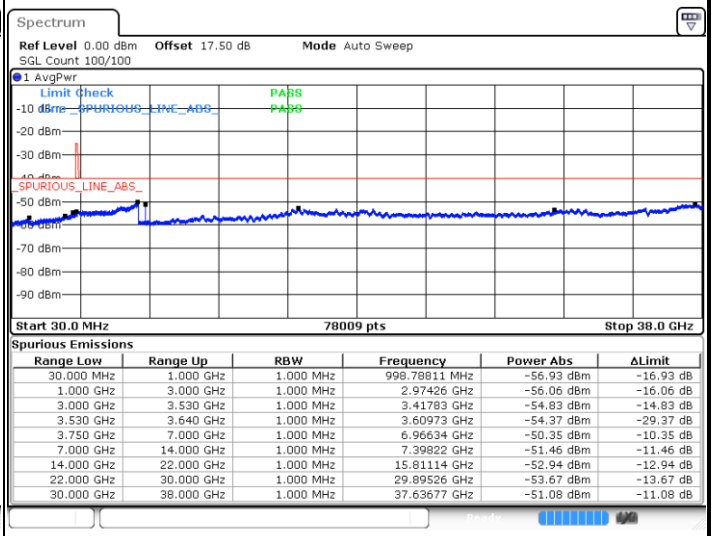


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	835.42479 MHz	-55.92 dBm	-15.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99725 GHz	-56.07 dBm	-16.07 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.49676 GHz	-54.61 dBm	-14.61 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.60962 GHz	-54.12 dBm	-29.12 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98352 GHz	-50.55 dBm	-10.55 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36222 GHz	-50.88 dBm	-10.88 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.81914 GHz	-52.73 dBm	-12.73 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89776 GHz	-53.58 dBm	-13.58 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61227 GHz	-51.12 dBm	-11.12 dB

Date: 22.JUL.2020 17:31:06

Highest Channel / 1RBmax

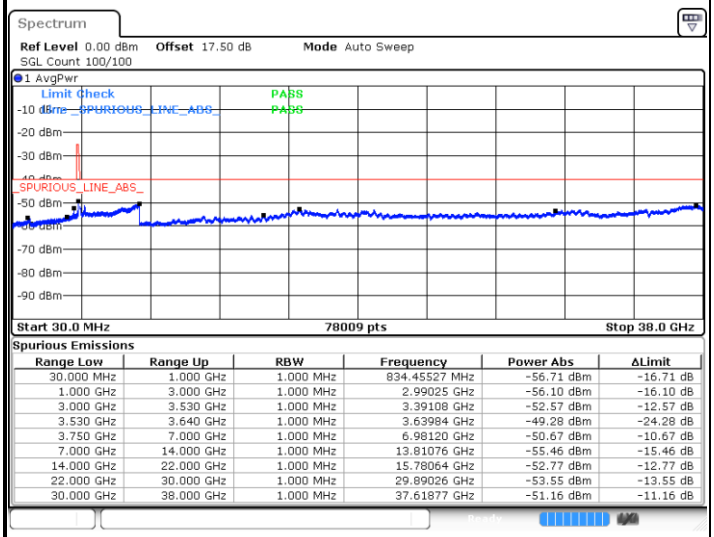


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-56.93 dBm	-16.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97426 GHz	-56.06 dBm	-16.06 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.41783 GHz	-54.83 dBm	-14.83 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.60973 GHz	-54.37 dBm	-29.37 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.96634 GHz	-50.35 dBm	-10.35 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.39822 GHz	-51.46 dBm	-11.46 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.81114 GHz	-52.94 dBm	-12.94 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89526 GHz	-53.67 dBm	-13.67 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.63677 GHz	-51.08 dBm	-11.08 dB

Date: 22.JUL.2020 17:41:07

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	834.45527 MHz	-56.71 dBm	-16.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99025 GHz	-56.10 dBm	-16.10 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.39108 GHz	-52.57 dBm	-12.57 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63984 GHz	-49.28 dBm	-24.28 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98120 GHz	-50.67 dBm	-10.67 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.81076 GHz	-55.46 dBm	-15.46 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.78064 GHz	-52.77 dBm	-12.77 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.89026 GHz	-53.55 dBm	-13.55 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61877 GHz	-51.16 dBm	-11.16 dB

Date: 22.JUL.2020 17:21:04

N/A

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of EIRP and Radiated Test

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = -7.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	0	16.70	0.0468	8.80	0.0076
Middle		12	0	16.56	0.0453	8.66	0.0073
Highest		12	0	16.63	0.0460	8.73	0.0075
Lowest	16QAM	1	12	16.78	0.0476	8.88	0.0077
Middle		1	12	16.65	0.0462	8.75	0.0075
Highest		1	12	16.74	0.0472	8.84	0.0077
Lowest	64QAM	12	0	16.72	0.0470	8.82	0.0076
Middle		12	0	16.63	0.0460	8.73	0.0075
Highest		12	0	16.67	0.0465	8.77	0.0075

LTE Band 48 / 10MHz (Average) (GT - LC = -7.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	12	16.70	0.0468	8.80	0.0076
Middle		25	12	16.60	0.0457	8.70	0.0074
Highest		25	12	16.65	0.0462	8.75	0.0075
Lowest	16QAM	1	0	16.76	0.0474	8.86	0.0077
Middle		1	0	16.60	0.0457	8.70	0.0074
Highest		1	0	16.67	0.0465	8.77	0.0075
Lowest	64QAM	25	12	16.78	0.0476	8.88	0.0077
Middle		25	12	16.68	0.0466	8.78	0.0076
Highest		25	12	16.72	0.0470	8.82	0.0076

LTE Band 48 / 15MHz (Average) (GT - LC = -7.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	0	16.67	0.0465	8.77	0.0075
Middle		36	0	16.56	0.0453	8.66	0.0073
Highest		36	0	16.55	0.0452	8.65	0.0073
Lowest	16QAM	1	0	16.74	0.0472	8.84	0.0077
Middle		1	0	16.58	0.0455	8.68	0.0074
Highest		1	0	16.69	0.0467	8.79	0.0076
Lowest	64QAM	36	0	16.70	0.0468	8.80	0.0076
Middle		36	0	16.62	0.0459	8.72	0.0074
Highest		36	0	16.58	0.0455	8.68	0.0074

LTE Band 48 / 20MHz (Average) (GT - LC = -7.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	16.68	0.0466	8.78	0.0076
Middle		50	0	16.58	0.0455	8.68	0.0074
Highest		50	0	16.57	0.0454	8.67	0.0074
Lowest	16QAM	1	0	16.82	0.0481	8.92	0.0078
Middle		1	0	16.62	0.0459	8.72	0.0074
Highest		1	0	16.71	0.0469	8.81	0.0076
Lowest	64QAM	50	0	16.75	0.0473	8.85	0.0077
Middle		50	0	16.64	0.0461	8.74	0.0075
Highest		50	0	16.61	0.0458	8.71	0.0074

EIRP Power

LTE Band 48 / Conducted Power (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	16.70	16.78	16.72
Middle CH	-	-	-	-	-	-	16.56	16.65	16.63
Highest CH	-	-	-	-	-	-	16.63	16.74	16.67
LTE Band 48 / Conducted Power (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	16.70	16.76	16.78	16.67	16.74	16.70	16.68	16.82	16.75
Middle CH	16.60	16.60	16.68	16.56	16.58	16.62	16.58	16.62	16.64
Highest CH	16.65	16.67	16.72	16.55	16.69	16.58	16.57	16.71	16.61

LTE Band 48 / EIRP Power (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	8.80	8.88	8.82
Middle CH	-	-	-	-	-	-	8.66	8.75	8.73
Highest CH	-	-	-	-	-	-	8.73	8.84	8.77
LTE Band 48 / EIRP Power (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	8.80	8.86	8.88	8.77	8.84	8.80	8.78	8.92	8.85
Middle CH	8.70	8.70	8.78	8.66	8.68	8.72	8.68	8.72	8.74
Highest CH	8.75	8.77	8.82	8.65	8.79	8.68	8.67	8.81	8.71
Antenna Gain	-7.9 dBi								
Limit	23dBm / 10MHz								
Result	PASS								

Radiated Spurious Emission

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-58.53	-40	-18.53	-60.51	-68.49	1.78	11.74	H
	10653	-58.90	-40	-18.90	-61.17	-67.33	2.47	10.90	H
	14204	-57.16	-40	-17.16	-64.22	-66.00	2.87	11.71	H
	21307	-53.59	-40	-13.59	-75.45	-70.31	1.98	18.70	H
	24858	-51.43	-40	-11.43	-76.09	-67.44	2.07	18.07	H
	28410	-50.92	-40	-10.92	-76.44	-68.17	2.32	19.56	H
	7102	-58.92	-40	-18.92	-60.51	-68.88	1.78	11.74	V
	10653	-58.99	-40	-18.99	-61.01	-67.42	2.47	10.90	V
	14204	-57.17	-40	-17.17	-63.96	-66.01	2.87	11.71	V
	21307	-52.55	-40	-12.55	-74.27	-69.27	1.98	18.70	V
	24858	-49.40	-40	-9.40	-75.27	-65.41	2.07	18.07	V
	28410	-48.53	-40	-8.53	-75.87	-65.78	2.32	19.56	V
Middle	7232	-58.00	-40	-18.00	-60.38	-67.68	1.85	11.53	H
	10848	-58.81	-40	-18.81	-61.14	-67.14	2.57	10.90	H
	14464	-57.10	-40	-17.10	-64.37	-65.33	2.85	11.09	H
	18080	-54.45	-40	-14.45	-72.56	-70.68	1.76	17.98	H
	21696	-54.41	-40	-14.41	-75.93	-71.20	1.99	18.78	H
	25312	-51.32	-40	-11.32	-76.48	-67.92	2.14	18.74	H
	7232	-58.31	-40	-18.31	-60.42	-67.99	1.85	11.53	V
	10848	-59.06	-40	-19.06	-61.18	-67.39	2.57	10.90	V
	14464	-57.88	-40	-17.88	-64.32	-66.11	2.85	11.09	V
	18080	-55.24	-40	-15.24	-72.42	-71.47	1.76	17.98	V
	21696	-53.72	-40	-13.72	-75.23	-70.51	1.99	18.78	V
	25312	-49.35	-40	-9.35	-75.77	-65.95	2.14	18.74	V

Highest	7362	-59.09	-40	-19.09	-61.42	-68.50	1.92	11.32	H
	11043	-58.19	-40	-18.19	-60.66	-66.51	2.63	10.95	H
	14724	-56.33	-40	-16.33	-65.17	-65.13	2.91	11.72	H
	18405	-54.70	-40	-14.70	-73.02	-70.75	1.87	17.92	H
	22086	-52.63	-40	-12.63	-74.8	-69.42	2.08	18.87	H
	25767	-50.31	-40	-10.31	-76.3	-67.33	2.03	19.05	H
	7362	-59.40	-40	-19.40	-61.55	-68.81	1.92	11.32	V
	11043	-58.43	-40	-18.43	-60.74	-66.75	2.63	10.95	V
	14724	-58.08	-40	-18.08	-65.25	-66.88	2.91	11.72	V
	18405	-55.07	-40	-15.07	-72.51	-71.12	1.87	17.92	V
	22086	-52.72	-40	-12.72	-74.89	-69.51	2.08	18.87	V
	25767	-48.42	-40	-8.42	-75.6	-65.44	2.03	19.05	V

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

———THE END———