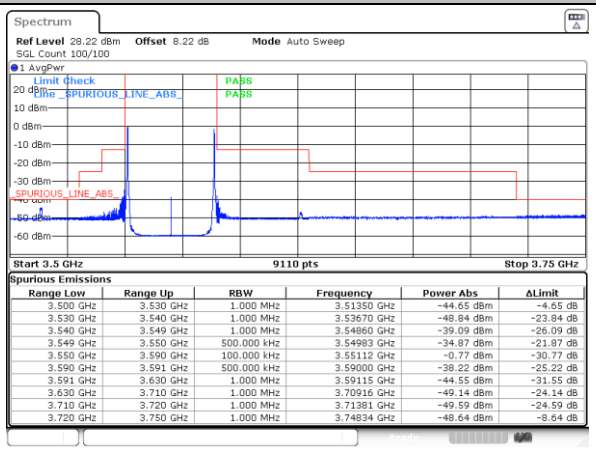
LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB99

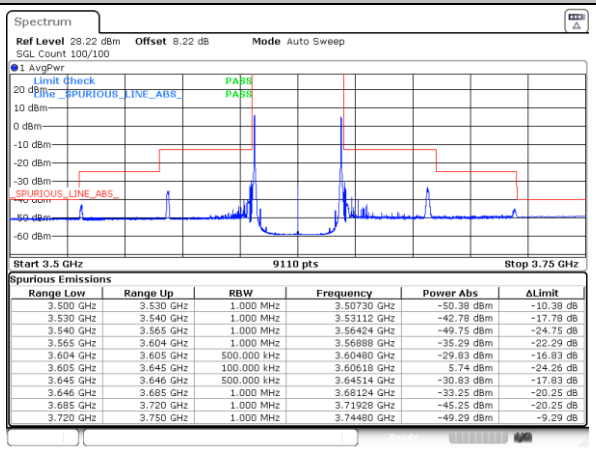


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51350 GHz	-44.65 dBm	-4.65 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53670 GHz	-48.84 dBm	-23.84 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54860 GHz	-39.09 dBm	-26.09 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54983 GHz	-34.87 dBm	-21.87 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.55112 GHz	-0.77 dBm	-30.77 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59000 GHz	-38.22 dBm	-25.22 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59115 GHz	-44.55 dBm	-31.55 dB
3.630 GHz	3.710 GHz	1.000 MHz	3.70916 GHz	-49.14 dBm	-24.14 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71381 GHz	-49.59 dBm	-24.59 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74834 GHz	-48.64 dBm	-8.64 dB

Date: 13.DEC.2021 18:09:18

Middle Band Edge / 1RB0 and 1RB99

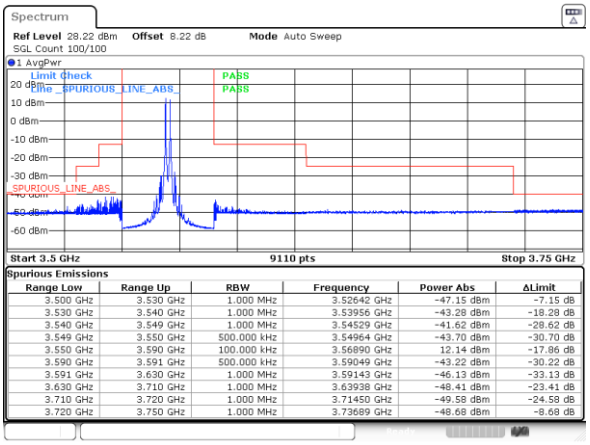


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50730 GHz	-50.38 dBm	-10.38 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53112 GHz	-42.78 dBm	-17.78 dB
3.540 GHz	3.565 GHz	1.000 MHz	3.56424 GHz	-49.75 dBm	-24.75 dB
3.565 GHz	3.604 GHz	1.000 MHz	3.56888 GHz	-35.29 dBm	-22.29 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.60480 GHz	-29.83 dBm	-16.83 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.60618 GHz	5.74 dBm	-24.26 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.64514 GHz	-30.83 dBm	-17.83 dB
3.646 GHz	3.685 GHz	1.000 MHz	3.68124 GHz	-33.25 dBm	-20.25 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.71928 GHz	-45.25 dBm	-20.25 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74480 GHz	-49.29 dBm	-9.29 dB

Date: 13.DEC.2021 18:38:34

Lowest Band Edge / 1RB99 and 1RB0

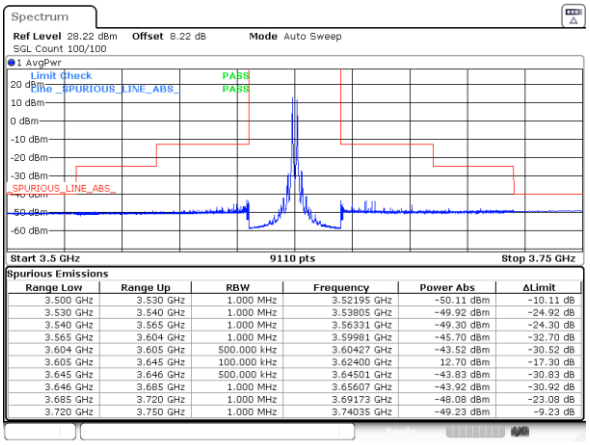


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52642 GHz	-47.15 dBm	-7.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53956 GHz	-43.28 dBm	-18.28 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54529 GHz	-41.62 dBm	-28.62 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54964 GHz	-43.70 dBm	-30.70 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.56890 GHz	12.14 dBm	-17.86 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59049 GHz	-43.22 dBm	-30.22 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59143 GHz	-46.13 dBm	-33.13 dB
3.630 GHz	3.710 GHz	1.000 MHz	3.63938 GHz	-48.41 dBm	-23.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71450 GHz	-49.58 dBm	-24.58 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73689 GHz	-48.68 dBm	-8.68 dB

Date: 13.DEC.2021 18:29:06

Middle Band Edge / 1RB99 and 1RB0

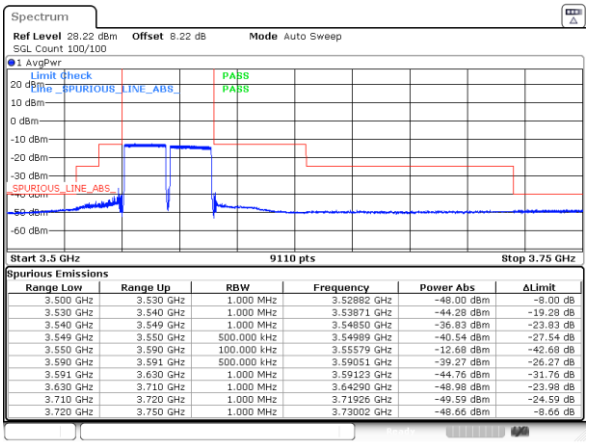


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52195 GHz	-50.11 dBm	-10.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53805 GHz	-49.92 dBm	-24.92 dB
3.540 GHz	3.565 GHz	1.000 MHz	3.56331 GHz	-49.30 dBm	-24.30 dB
3.565 GHz	3.604 GHz	1.000 MHz	3.59981 GHz	-45.70 dBm	-32.70 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.60427 GHz	-43.52 dBm	-30.52 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.62400 GHz	12.70 dBm	-17.30 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.64501 GHz	-43.83 dBm	-30.83 dB
3.646 GHz	3.685 GHz	1.000 MHz	3.65607 GHz	-43.92 dBm	-30.92 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.69173 GHz	-48.08 dBm	-23.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74035 GHz	-49.23 dBm	-9.23 dB

Date: 13.DEC.2021 18:55:48

Lowest Band Edge / Full RB

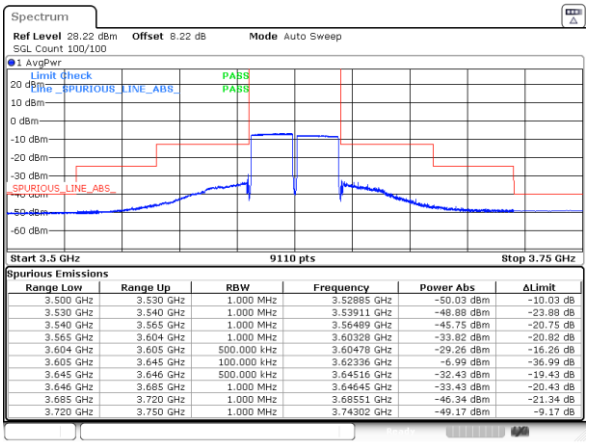


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52882 GHz	-48.00 dBm	-8.00 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53871 GHz	-44.28 dBm	-19.28 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54850 GHz	-36.83 dBm	-23.83 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.54989 GHz	-40.54 dBm	-27.54 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.55579 GHz	-12.68 dBm	-42.68 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.59051 GHz	-39.27 dBm	-26.27 dB
3.591 GHz	3.630 GHz	1.000 MHz	3.59123 GHz	-44.76 dBm	-31.76 dB
3.630 GHz	3.710 GHz	1.000 MHz	3.64290 GHz	-48.98 dBm	-23.98 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71926 GHz	-49.59 dBm	-24.59 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73002 GHz	-48.66 dBm	-8.66 dB

Date: 13.DEC.2021 18:07:04

Middle Band Edge / Full RB



Spurious Emissions

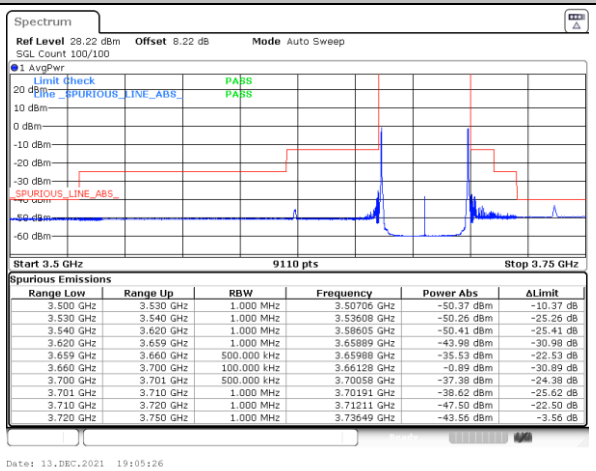
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52885 GHz	-50.03 dBm	-10.03 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53911 GHz	-48.88 dBm	-23.88 dB
3.540 GHz	3.565 GHz	1.000 MHz	3.56489 GHz	-45.75 dBm	-20.75 dB
3.565 GHz	3.604 GHz	1.000 MHz	3.60328 GHz	-33.82 dBm	-20.82 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.60478 GHz	-29.26 dBm	-16.26 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.62336 GHz	-6.99 dBm	-36.99 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.64516 GHz	-32.43 dBm	-19.43 dB
3.646 GHz	3.685 GHz	1.000 MHz	3.64645 GHz	-33.43 dBm	-20.43 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.68551 GHz	-46.34 dBm	-21.34 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74302 GHz	-49.17 dBm	-9.17 dB

Date: 13.DEC.2021 18:36:29

LTE Band 48C / 20MHz+20MHz

256QAM

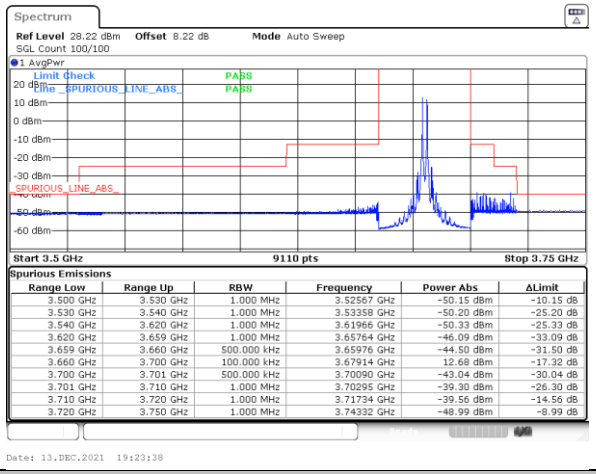
Highest Band Edge / 1RB0 and 1RB99	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50706 GHz	-50.37 dBm	-10.37 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53608 GHz	-50.26 dBm	-25.26 dB
3.540 GHz	3.620 GHz	1.000 MHz	3.58605 GHz	-50.41 dBm	-25.41 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65889 GHz	-43.98 dBm	-30.98 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65988 GHz	-35.53 dBm	-22.53 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.66128 GHz	-0.89 dBm	-30.89 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70058 GHz	-37.38 dBm	-24.38 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70191 GHz	-38.62 dBm	-25.62 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71211 GHz	-47.50 dBm	-22.50 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73649 GHz	-43.56 dBm	-3.56 dB

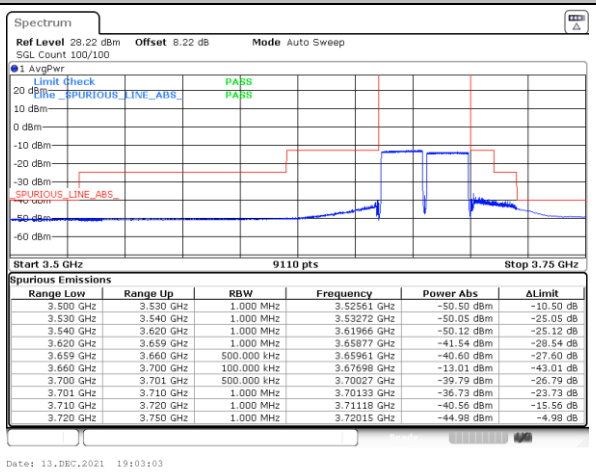
Highest Band Edge / 1RB99 and 1RB0	N/A



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52567 GHz	-50.15 dBm	-10.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53358 GHz	-50.20 dBm	-25.20 dB
3.540 GHz	3.620 GHz	1.000 MHz	3.61966 GHz	-50.33 dBm	-25.33 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65764 GHz	-46.09 dBm	-33.09 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65976 GHz	-44.50 dBm	-31.50 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.67914 GHz	12.68 dBm	-17.32 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70090 GHz	-43.04 dBm	-30.04 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70295 GHz	-39.30 dBm	-26.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71734 GHz	-39.56 dBm	-14.56 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74332 GHz	-48.99 dBm	-8.99 dB

Highest Band Edge / Full RB	N/A



Spurious Emissions

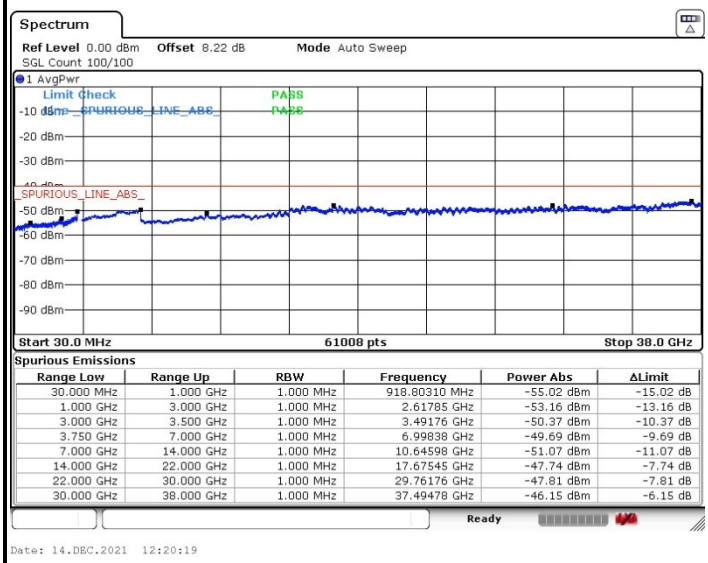
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52561 GHz	-50.50 dBm	-10.50 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53272 GHz	-50.05 dBm	-25.05 dB
3.540 GHz	3.620 GHz	1.000 MHz	3.61966 GHz	-50.12 dBm	-25.12 dB
3.620 GHz	3.659 GHz	1.000 MHz	3.65877 GHz	-41.54 dBm	-28.54 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.65961 GHz	-40.60 dBm	-27.60 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.67698 GHz	-13.01 dBm	-43.01 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.70027 GHz	-39.79 dBm	-26.79 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70133 GHz	-36.73 dBm	-23.73 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71118 GHz	-40.56 dBm	-15.56 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-44.98 dBm	-4.98 dB

Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

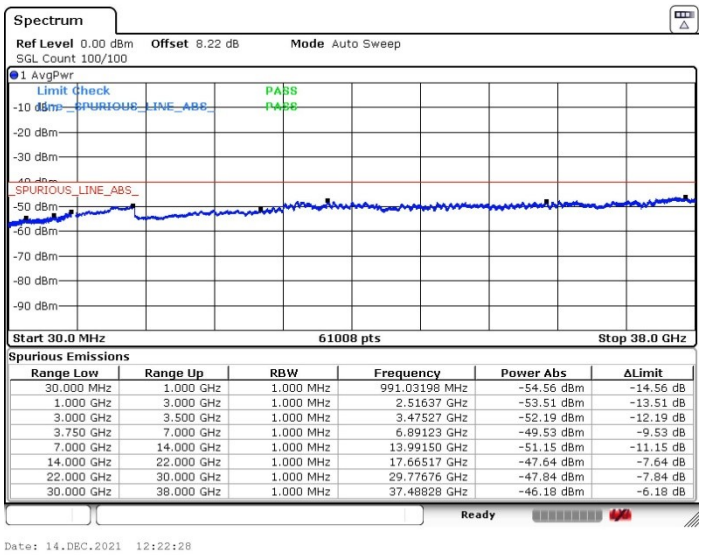


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-55.02 dBm	-15.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.61785 GHz	-53.16 dBm	-13.16 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49176 GHz	-50.37 dBm	-10.37 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99838 GHz	-49.69 dBm	-9.69 dB
7.000 GHz	14.000 GHz	1.000 MHz	10.64598 GHz	-51.07 dBm	-11.07 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.67545 GHz	-47.74 dBm	-7.74 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76176 GHz	-47.81 dBm	-7.81 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.49478 GHz	-46.15 dBm	-6.15 dB

Date: 14.DEC.2021 12:20:19

Middle Channel / 1RB24 and 1RB0

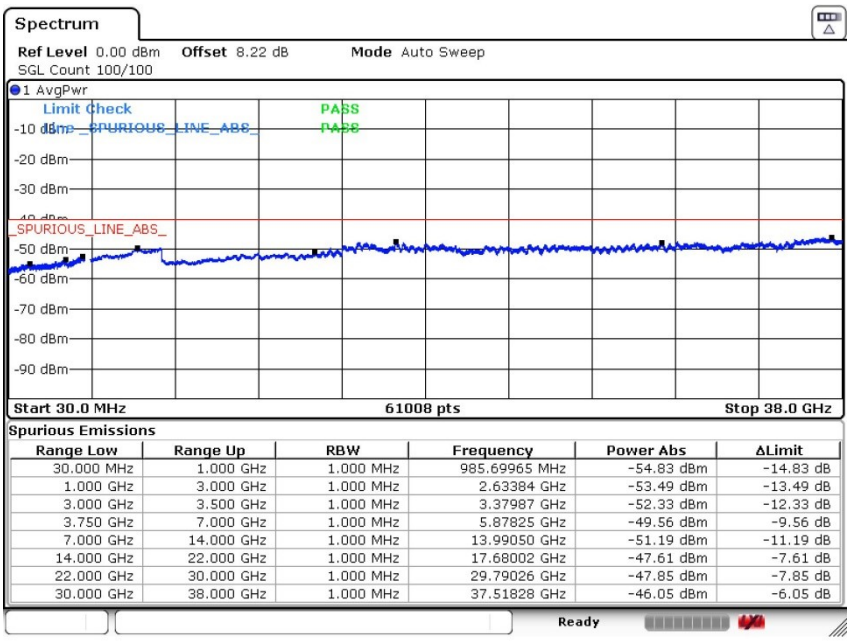


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-54.56 dBm	-14.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51637 GHz	-53.51 dBm	-13.51 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-52.19 dBm	-12.19 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.89123 GHz	-49.53 dBm	-9.53 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99150 GHz	-51.15 dBm	-11.15 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66517 GHz	-47.64 dBm	-7.64 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77676 GHz	-47.84 dBm	-7.84 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.48828 GHz	-46.18 dBm	-6.18 dB

Date: 14.DEC.2021 12:22:28

Highest Channel / 1RB24 and 1RB0



Spurious Emissions

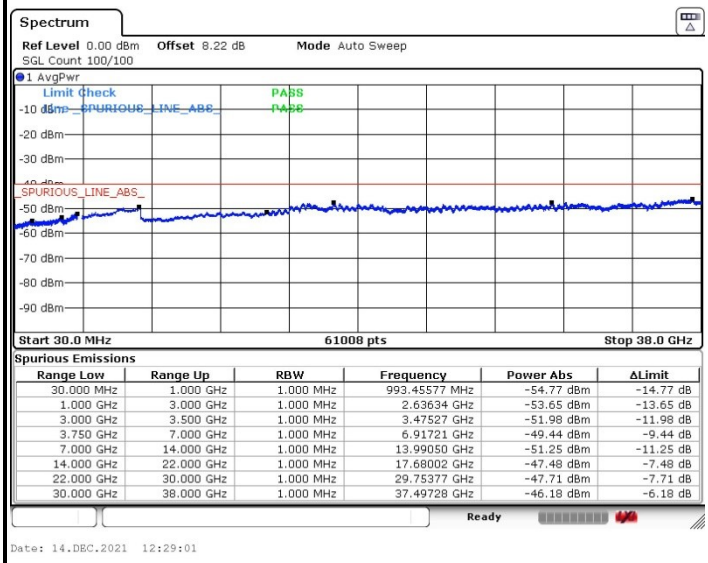
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-54.83 dBm	-14.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63384 GHz	-53.49 dBm	-13.49 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37987 GHz	-52.33 dBm	-12.33 dB
3.750 GHz	7.000 GHz	1.000 MHz	5.87825 GHz	-49.56 dBm	-9.56 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99050 GHz	-51.19 dBm	-11.19 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.68002 GHz	-47.61 dBm	-7.61 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79026 GHz	-47.85 dBm	-7.85 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51828 GHz	-46.05 dBm	-6.05 dB

Date: 14.DEC.2021 12:23:42

LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

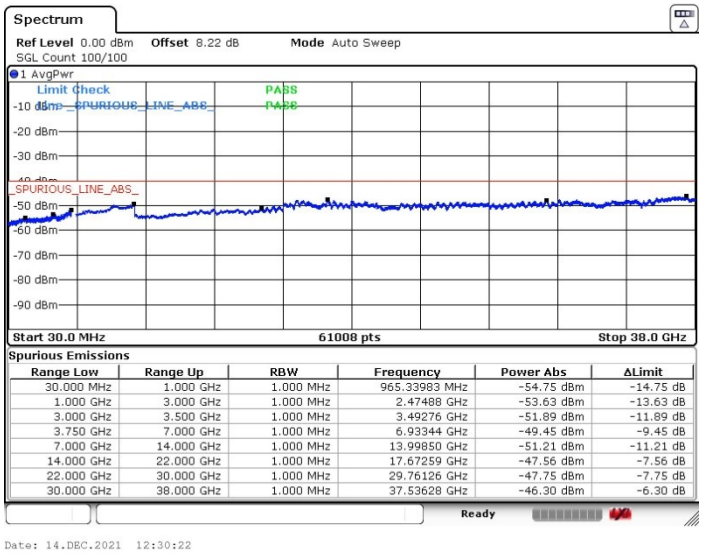


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-54.77 dBm	-14.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63634 GHz	-53.65 dBm	-13.65 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-51.98 dBm	-11.98 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91721 GHz	-49.44 dBm	-9.44 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99050 GHz	-51.25 dBm	-11.25 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.68002 GHz	-47.48 dBm	-7.48 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75377 GHz	-47.71 dBm	-7.71 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.49728 GHz	-46.18 dBm	-6.18 dB

Date: 14.DEC.2021 12:29:01

Middle Channel / 1RB49 and 1RB0

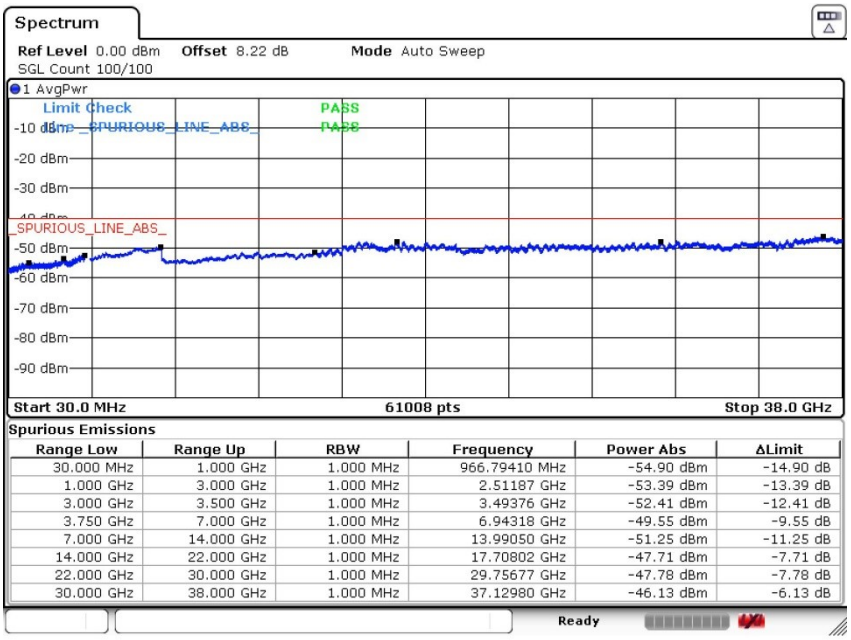


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.33983 MHz	-54.75 dBm	-14.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47488 GHz	-53.63 dBm	-13.63 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49276 GHz	-51.89 dBm	-11.89 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93344 GHz	-49.45 dBm	-9.45 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99850 GHz	-51.21 dBm	-11.21 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.67259 GHz	-47.56 dBm	-7.56 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76126 GHz	-47.75 dBm	-7.75 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.53628 GHz	-46.30 dBm	-6.30 dB

Date: 14.DEC.2021 12:30:22

Highest Channel / 1RB49 and 1RB0



Spurious Emissions

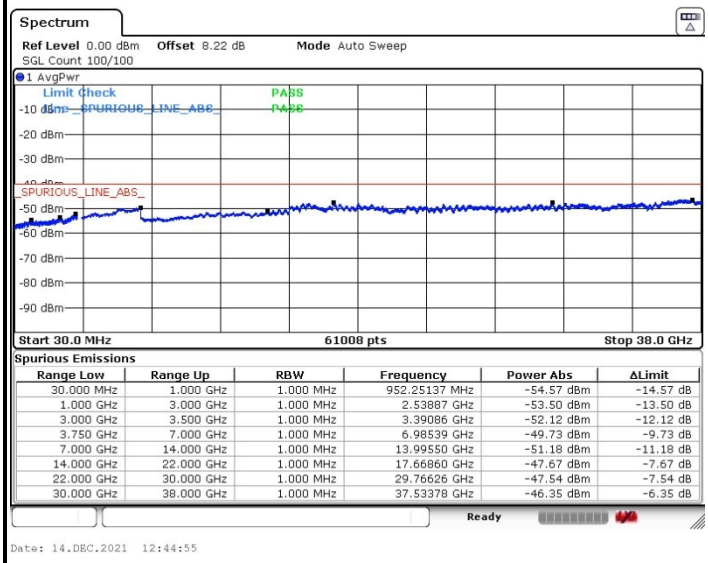
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-54.90 dBm	-14.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51187 GHz	-53.39 dBm	-13.39 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49376 GHz	-52.41 dBm	-12.41 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.94318 GHz	-49.55 dBm	-9.55 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99050 GHz	-51.25 dBm	-11.25 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.70802 GHz	-47.71 dBm	-7.71 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75677 GHz	-47.78 dBm	-7.78 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.12980 GHz	-46.13 dBm	-6.13 dB

Date: 14.DEC.2021 12:31:29

LTE Band 48C / 15MHz+20MHz

QPSK

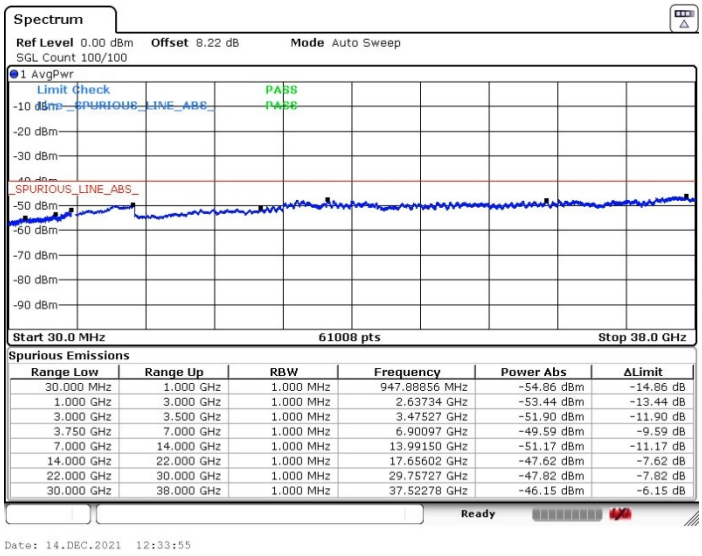
Lowest Channel / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-54.57 dBm	-14.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53887 GHz	-53.50 dBm	-13.50 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.39086 GHz	-52.12 dBm	-12.12 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98539 GHz	-49.73 dBm	-9.73 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99550 GHz	-51.18 dBm	-11.18 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66860 GHz	-47.67 dBm	-7.67 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.76626 GHz	-47.54 dBm	-7.54 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.53378 GHz	-46.35 dBm	-6.35 dB

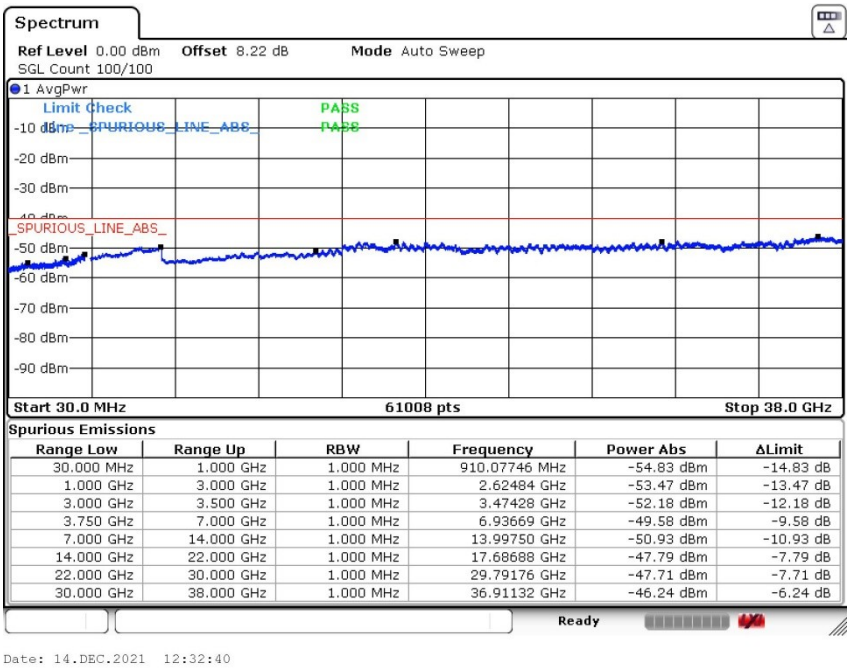
Middle Channel / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-54.86 dBm	-14.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63734 GHz	-53.44 dBm	-13.44 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-51.90 dBm	-11.90 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.90097 GHz	-49.59 dBm	-9.59 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99150 GHz	-51.17 dBm	-11.17 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.65602 GHz	-47.62 dBm	-7.62 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75727 GHz	-47.82 dBm	-7.82 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52278 GHz	-46.15 dBm	-6.15 dB

Highest Channel / 1RB74 and 1RB0



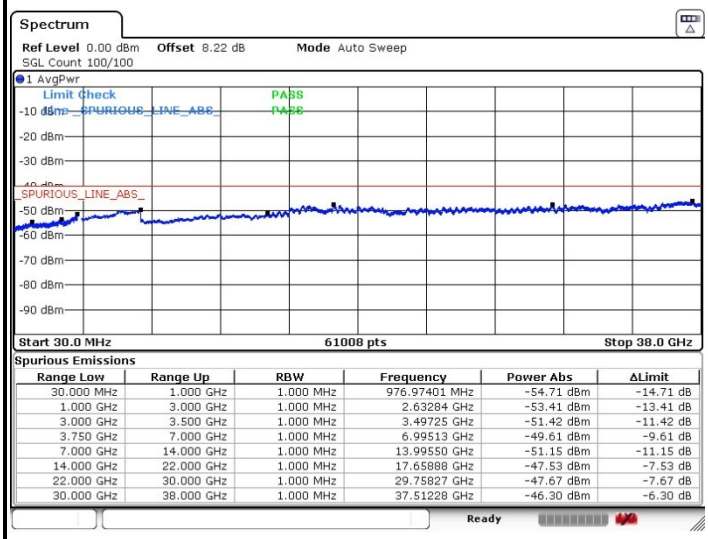
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-54.83 dBm	-14.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62484 GHz	-53.47 dBm	-13.47 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47428 GHz	-52.18 dBm	-12.18 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93669 GHz	-49.58 dBm	-9.58 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99750 GHz	-50.93 dBm	-10.93 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.68688 GHz	-47.79 dBm	-7.79 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79176 GHz	-47.71 dBm	-7.71 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.91132 GHz	-46.24 dBm	-6.24 dB

LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

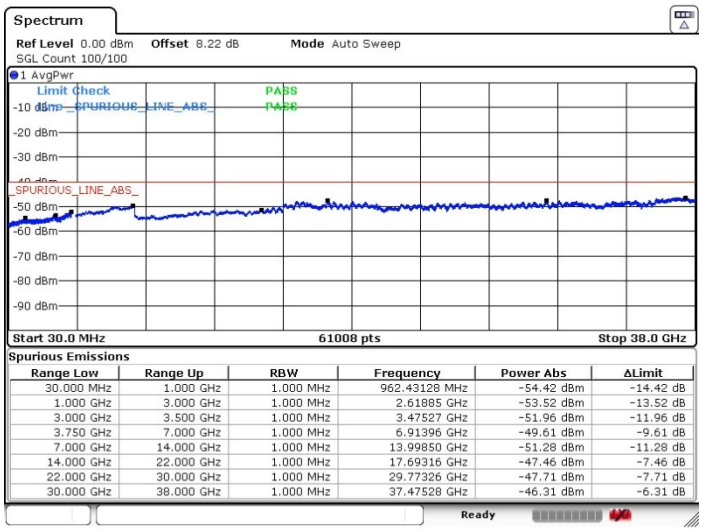


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-54.71 dBm	-14.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63284 GHz	-53.41 dBm	-13.41 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49725 GHz	-51.42 dBm	-11.42 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99513 GHz	-49.61 dBm	-9.61 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99550 GHz	-51.15 dBm	-11.15 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.65888 GHz	-47.53 dBm	-7.53 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75827 GHz	-47.67 dBm	-7.67 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51228 GHz	-46.30 dBm	-6.30 dB

Date: 14.DEC.2021 12:27:25

Middle Channel / 1RB99 and 1RB0

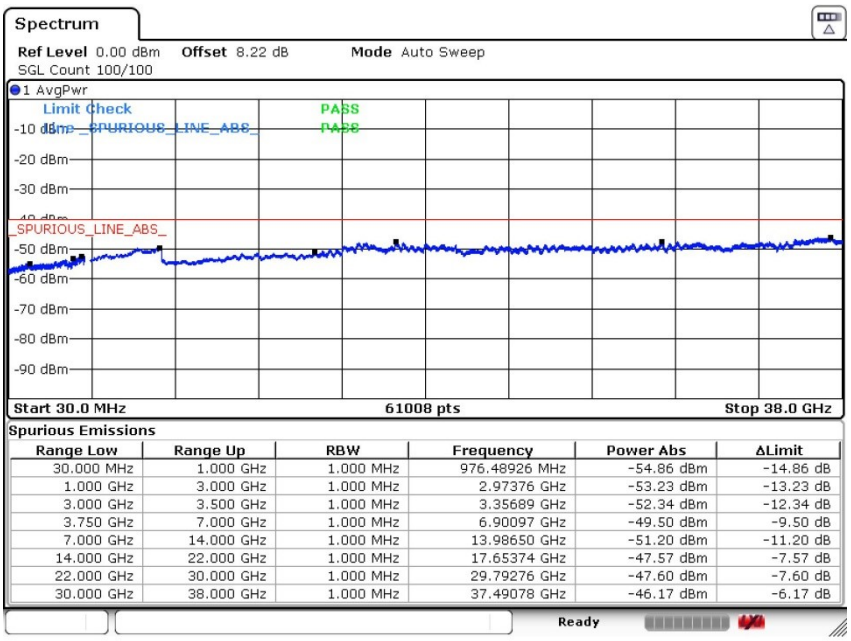


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.43128 MHz	-54.42 dBm	-14.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.61885 GHz	-53.52 dBm	-13.52 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-51.96 dBm	-11.96 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91396 GHz	-49.61 dBm	-9.61 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99850 GHz	-51.28 dBm	-11.28 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.69316 GHz	-47.46 dBm	-7.46 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77326 GHz	-47.71 dBm	-7.71 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.47528 GHz	-46.31 dBm	-6.31 dB

Date: 14.DEC.2021 12:26:17

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

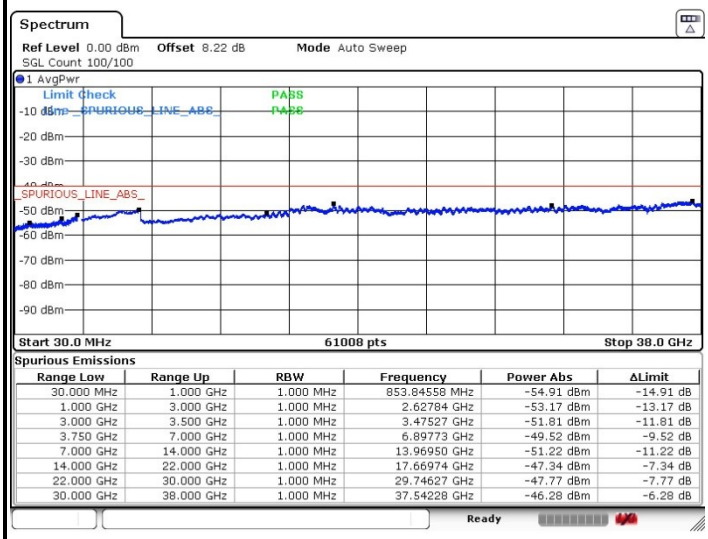
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-54.86 dBm	-14.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97376 GHz	-53.23 dBm	-13.23 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.35689 GHz	-52.34 dBm	-12.34 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.90097 GHz	-49.50 dBm	-9.50 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98650 GHz	-51.20 dBm	-11.20 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.65374 GHz	-47.57 dBm	-7.57 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79276 GHz	-47.60 dBm	-7.60 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.49078 GHz	-46.17 dBm	-6.17 dB

Date: 14.DEC.2021 12:24:57

LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

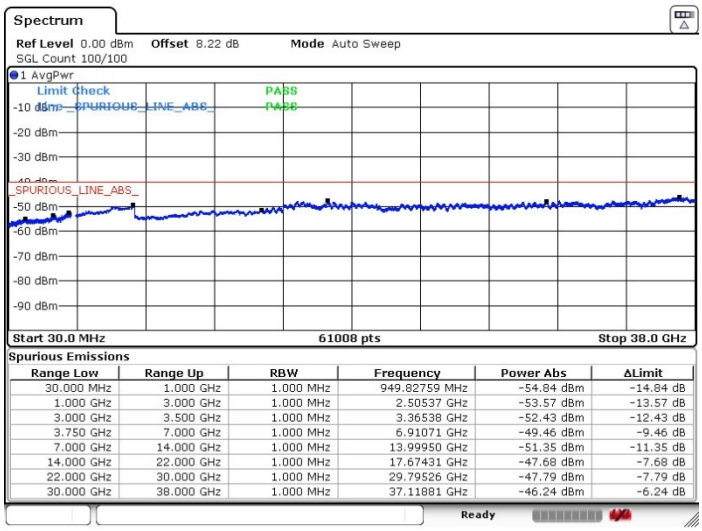


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	853.84558 MHz	-54.91 dBm	-14.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62784 GHz	-53.17 dBm	-13.17 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-51.81 dBm	-11.81 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.89773 GHz	-49.52 dBm	-9.52 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.96950 GHz	-51.22 dBm	-11.22 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66974 GHz	-47.34 dBm	-7.34 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.74627 GHz	-47.77 dBm	-7.77 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.54228 GHz	-46.28 dBm	-6.28 dB

Date: 14.DEC.2021 12:46:05

Middle Channel / 1RB99 and 1RB0

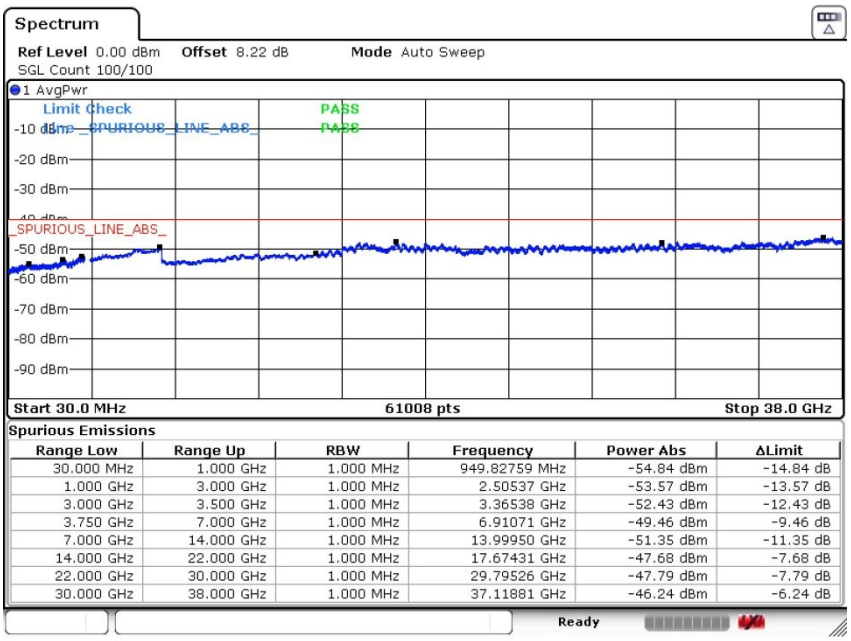


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-54.84 dBm	-14.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50537 GHz	-53.57 dBm	-13.57 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.36538 GHz	-52.43 dBm	-12.43 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91071 GHz	-49.46 dBm	-9.46 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99950 GHz	-51.35 dBm	-11.35 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.67431 GHz	-47.68 dBm	-7.68 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79526 GHz	-47.79 dBm	-7.79 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.11881 GHz	-46.24 dBm	-6.24 dB

Date: 14.DEC.2021 12:49:09

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

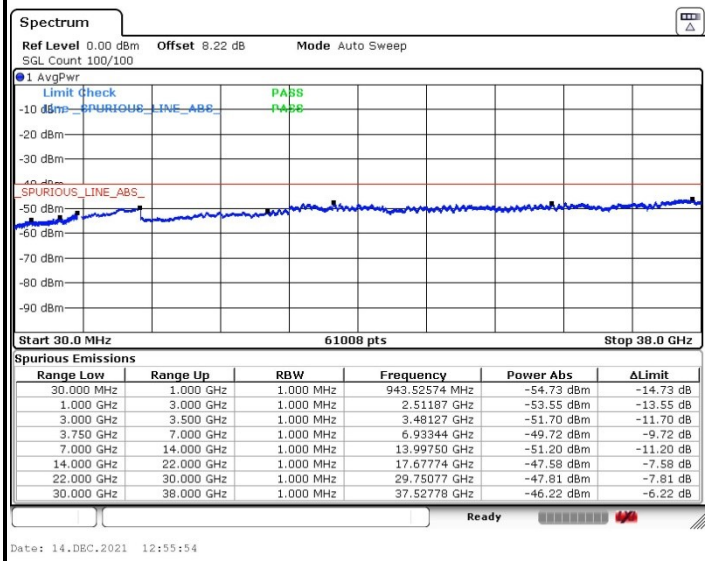
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-54.84 dBm	-14.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50537 GHz	-53.57 dBm	-13.57 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.36538 GHz	-52.43 dBm	-12.43 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91071 GHz	-49.46 dBm	-9.46 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99950 GHz	-51.35 dBm	-11.35 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.67431 GHz	-47.68 dBm	-7.68 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79526 GHz	-47.79 dBm	-7.79 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.11881 GHz	-46.24 dBm	-6.24 dB

Date: 14.DEC.2021 12:49:53

LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

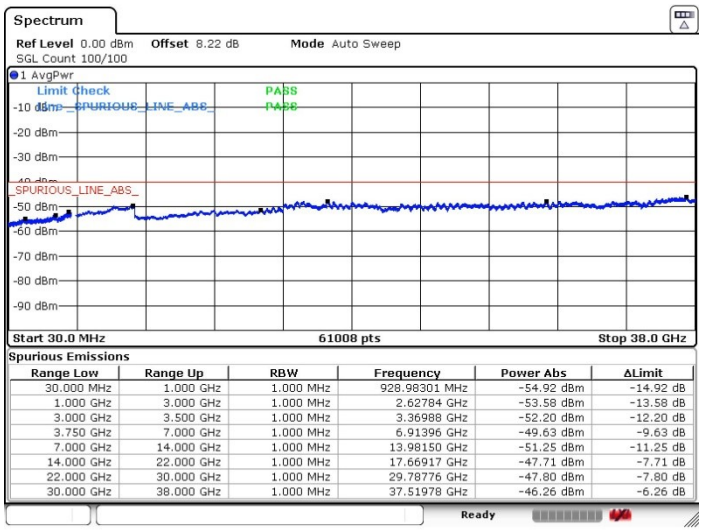


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-54.73 dBm	-14.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51187 GHz	-53.55 dBm	-13.55 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48127 GHz	-51.70 dBm	-11.70 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93344 GHz	-49.72 dBm	-9.72 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99750 GHz	-51.20 dBm	-11.20 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.67774 GHz	-47.58 dBm	-7.58 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.75077 GHz	-47.81 dBm	-7.81 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52778 GHz	-46.22 dBm	-6.22 dB

Date: 14.DEC.2021 12:55:54

Middle Channel / 1RB99 and 1RB0

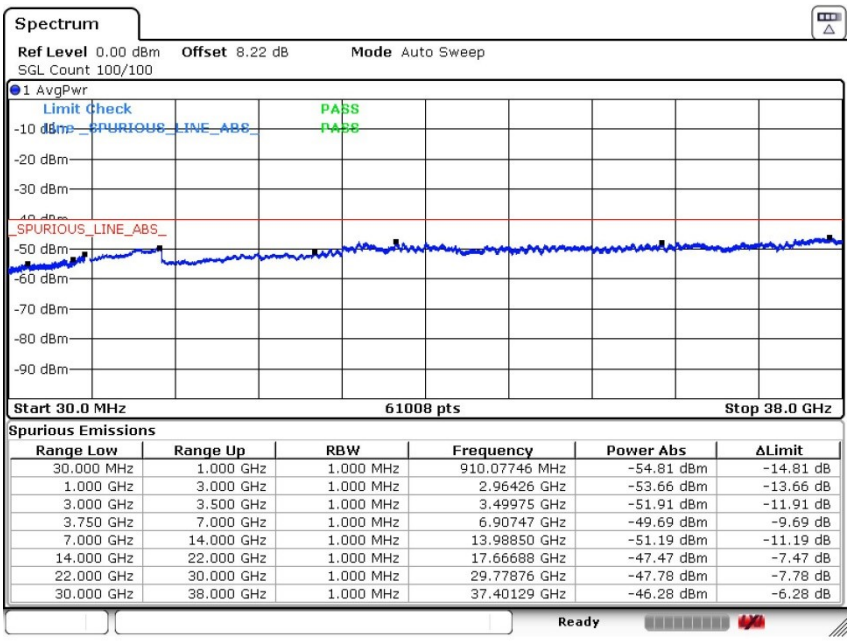


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-54.92 dBm	-14.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62784 GHz	-53.58 dBm	-13.58 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.36988 GHz	-52.20 dBm	-12.20 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91396 GHz	-49.63 dBm	-9.63 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98150 GHz	-51.25 dBm	-11.25 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66917 GHz	-47.71 dBm	-7.71 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.78776 GHz	-47.80 dBm	-7.80 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51978 GHz	-46.26 dBm	-6.26 dB

Date: 14.DEC.2021 12:52:56

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

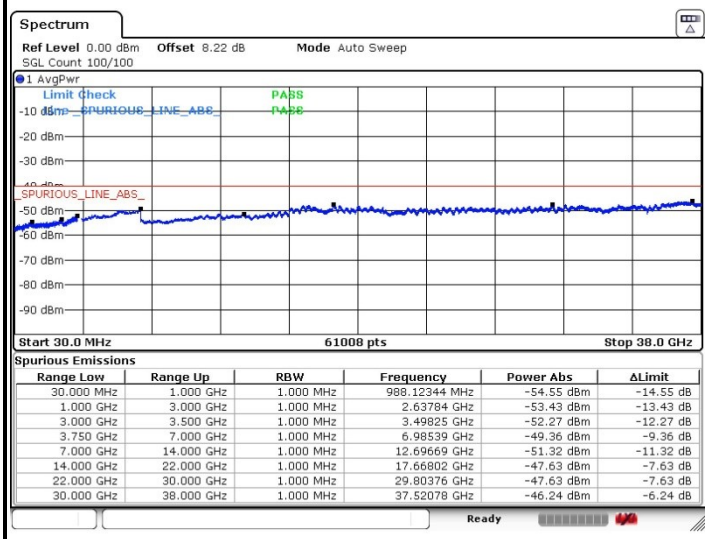
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-54.81 dBm	-14.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96426 GHz	-53.66 dBm	-13.66 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49975 GHz	-51.91 dBm	-11.91 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.90747 GHz	-49.69 dBm	-9.69 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98850 GHz	-51.19 dBm	-11.19 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66688 GHz	-47.47 dBm	-7.47 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.77876 GHz	-47.78 dBm	-7.78 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.40129 GHz	-46.28 dBm	-6.28 dB

Date: 14.DEC.2021 12:51:42

LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

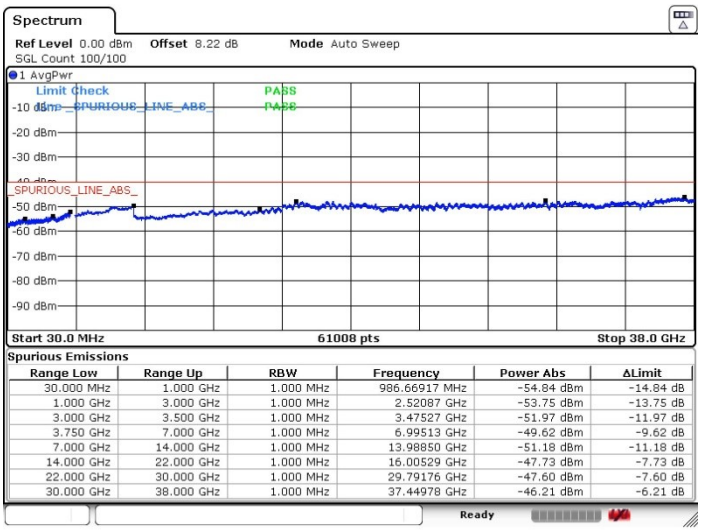


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-54.55 dBm	-14.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63784 GHz	-53.43 dBm	-13.43 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49825 GHz	-52.27 dBm	-12.27 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.98539 GHz	-49.36 dBm	-9.36 dB
7.000 GHz	14.000 GHz	1.000 MHz	12.69669 GHz	-51.32 dBm	-11.32 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66802 GHz	-47.63 dBm	-7.63 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80376 GHz	-47.63 dBm	-7.63 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.52078 GHz	-46.24 dBm	-6.24 dB

Date: 14.DEC.2021 12:57:10

Middle Channel / 1RB99 and 1RB0

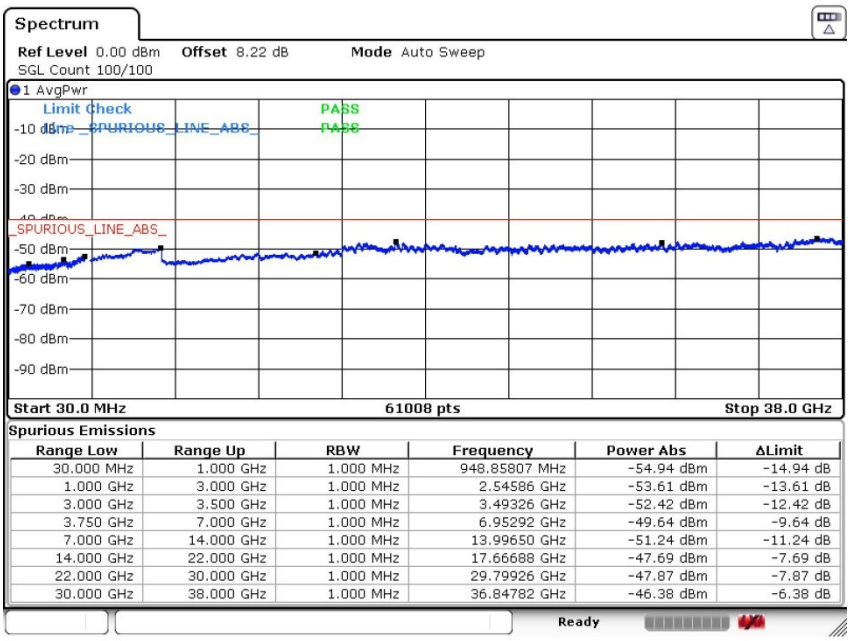


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-54.84 dBm	-14.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52087 GHz	-53.75 dBm	-13.75 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47527 GHz	-51.97 dBm	-11.97 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.99513 GHz	-49.62 dBm	-9.62 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98850 GHz	-51.18 dBm	-11.18 dB
14.000 GHz	22.000 GHz	1.000 MHz	16.00529 GHz	-47.73 dBm	-7.73 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79176 GHz	-47.60 dBm	-7.60 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.44978 GHz	-46.21 dBm	-6.21 dB

Date: 14.DEC.2021 12:58:39

Highest Channel / 1RB99 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-54.94 dBm	-14.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54586 GHz	-53.61 dBm	-13.61 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.49326 GHz	-52.42 dBm	-12.42 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.95292 GHz	-49.64 dBm	-9.64 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99650 GHz	-51.24 dBm	-11.24 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.66688 GHz	-47.69 dBm	-7.69 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.79926 GHz	-47.87 dBm	-7.87 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.84782 GHz	-46.38 dBm	-6.38 dB

Date: 14.DEC.2021 13:00:01

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23℃
		Relative Humidity :	41~42%

LTE Band 48 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7230	-59.28	-40	-19.28	-70.74	2.84	14.30	H
	10848	-52.90	-40	-12.90	-62.84	3.49	13.43	H
	14466	-60.16	-40	-20.16	-70.40	3.85	14.09	H
	7230	-58.93	-40	-18.93	-70.39	2.84	14.30	V
	10848	-52.15	-40	-12.15	-62.09	3.49	13.43	V
	14466	-60.18	-40	-20.18	-70.42	3.85	14.09	V

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

LTE Band 48C / 20+20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7212	-62.05	-40	-22.05	-73.51	2.84	14.30	H
	10818	-53.02	-40	-13.02	-62.96	3.49	13.43	H
	14424	-62.09	-40	-22.09	-72.33	3.85	14.09	H
	7212	-61.07	-40	-21.07	-72.53	2.84	14.30	V
	10818	-55.27	-40	-15.27	-65.21	3.49	13.43	V
	14424	-62.18	-40	-22.18	-72.42	3.85	14.09	V

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