

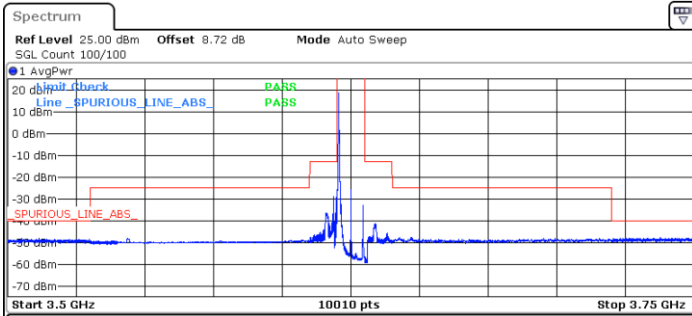


LTE Band 48 / 10MHz

QPSK

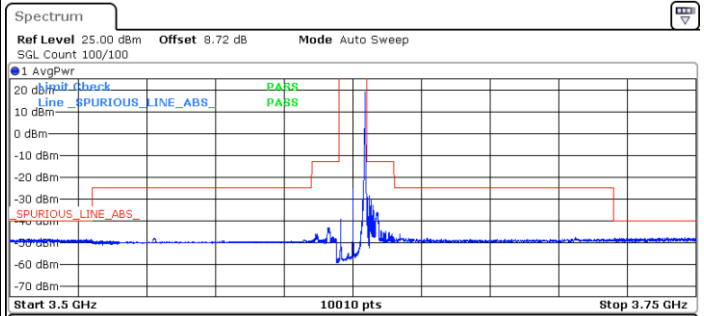
MiddleChannel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50517 GHz	-48.39 dBm	-8.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53783 GHz	-49.47 dBm	-24.47 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.54367 GHz	-48.39 dBm	-23.39 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61877 GHz	-28.86 dBm	-15.86 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61996 GHz	-25.91 dBm	-12.91 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62062 GHz	18.55 dBm	-11.45 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63001 GHz	-56.80 dBm	-43.80 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63377 GHz	-41.37 dBm	-28.37 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64699 GHz	-47.61 dBm	-22.61 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73770 GHz	-47.98 dBm	-7.98 dB

Date: 25.OCT.2022 23:00:37

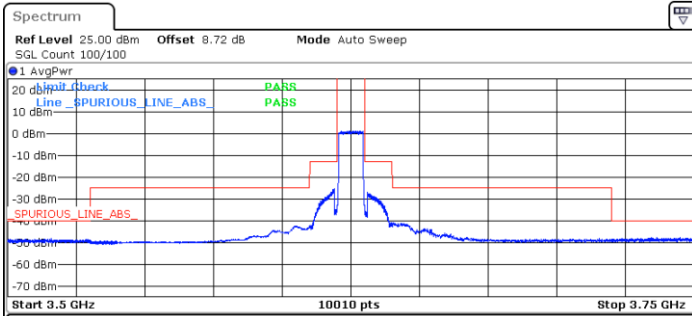


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51386 GHz	-48.52 dBm	-8.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53539 GHz	-49.33 dBm	-24.33 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.55283 GHz	-48.38 dBm	-23.38 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61650 GHz	-43.43 dBm	-30.43 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61999 GHz	-57.33 dBm	-44.33 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62942 GHz	18.85 dBm	-11.15 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63005 GHz	-28.11 dBm	-15.11 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63107 GHz	-28.43 dBm	-15.43 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64220 GHz	-46.19 dBm	-21.19 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74594 GHz	-47.92 dBm	-7.92 dB

Date: 25.OCT.2022 23:05:23

Middle Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51575 GHz	-48.31 dBm	-8.31 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53048 GHz	-49.44 dBm	-24.44 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60479 GHz	-42.54 dBm	-17.54 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61889 GHz	-25.42 dBm	-12.42 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61999 GHz	-33.77 dBm	-20.77 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62701 GHz	1.10 dBm	-28.90 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63000 GHz	-34.49 dBm	-21.49 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63111 GHz	-26.88 dBm	-13.88 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64060 GHz	-40.83 dBm	-15.83 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74477 GHz	-47.94 dBm	-7.94 dB

Date: 25.OCT.2022 23:10:08

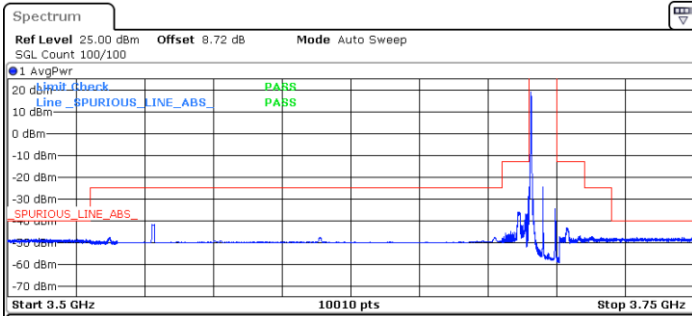


LTE Band 48 / 10MHz

QPSK

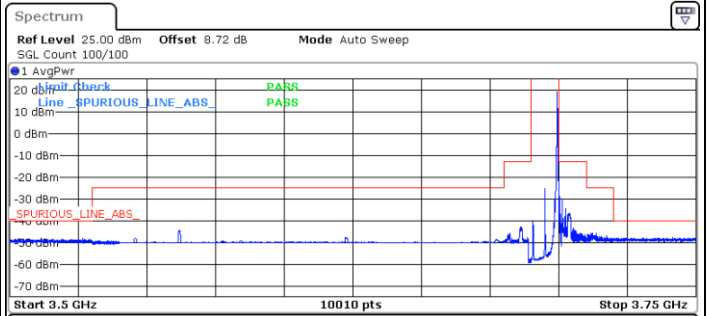
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52834 GHz	-48.59 dBm	-8.59 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53723 GHz	-47.91 dBm	-22.91 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.55336 GHz	-41.95 dBm	-16.95 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68640 GHz	-36.01 dBm	-23.01 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68991 GHz	-24.73 dBm	-11.73 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69062 GHz	18.81 dBm	-11.19 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70010 GHz	-56.97 dBm	-43.97 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70382 GHz	-43.32 dBm	-30.32 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71276 GHz	-47.33 dBm	-22.33 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74606 GHz	-47.86 dBm	-7.86 dB

Date: 25.OCT.2022 23:17:17

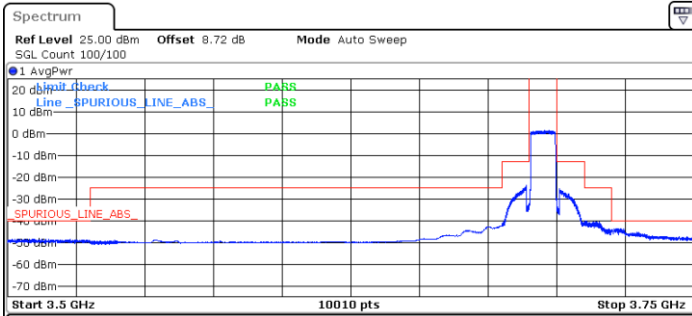


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52669 GHz	-48.21 dBm	-8.21 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53247 GHz	-49.35 dBm	-24.35 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.56175 GHz	-44.73 dBm	-19.73 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68596 GHz	-42.93 dBm	-29.93 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68998 GHz	-57.36 dBm	-44.36 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69941 GHz	19.05 dBm	-10.95 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70022 GHz	-28.88 dBm	-15.88 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70111 GHz	-30.02 dBm	-17.02 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71239 GHz	-45.61 dBm	-20.61 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74144 GHz	-47.97 dBm	-7.97 dB

Date: 25.OCT.2022 23:26:51

Highest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52267 GHz	-48.52 dBm	-8.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53903 GHz	-49.18 dBm	-24.18 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67937 GHz	-42.45 dBm	-17.45 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68893 GHz	-23.72 dBm	-10.72 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68997 GHz	-32.07 dBm	-19.07 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69561 GHz	1.30 dBm	-28.70 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70003 GHz	-33.06 dBm	-20.06 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70109 GHz	-25.30 dBm	-12.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71037 GHz	-40.08 dBm	-15.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72097 GHz	-43.61 dBm	-3.61 dB

Date: 25.OCT.2022 23:22:04

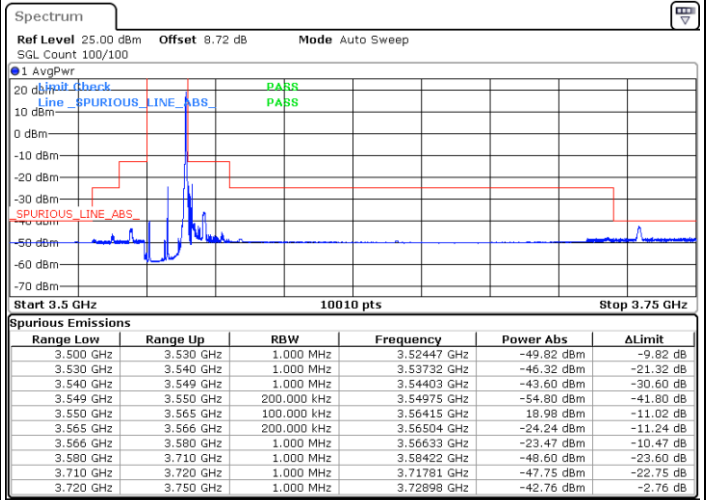
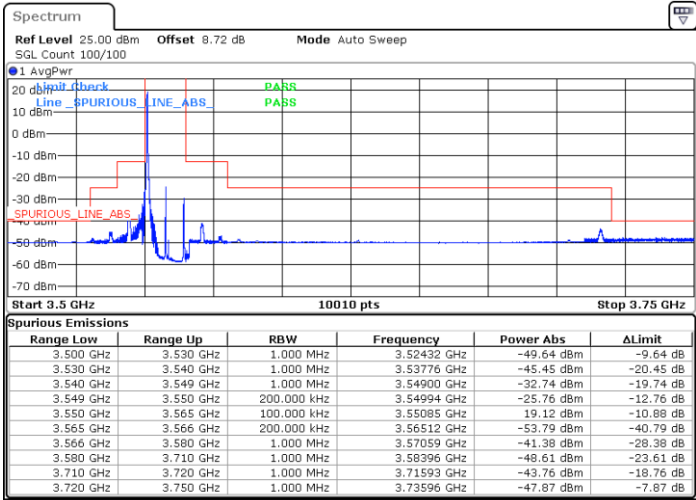


LTE Band 48 / 15MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

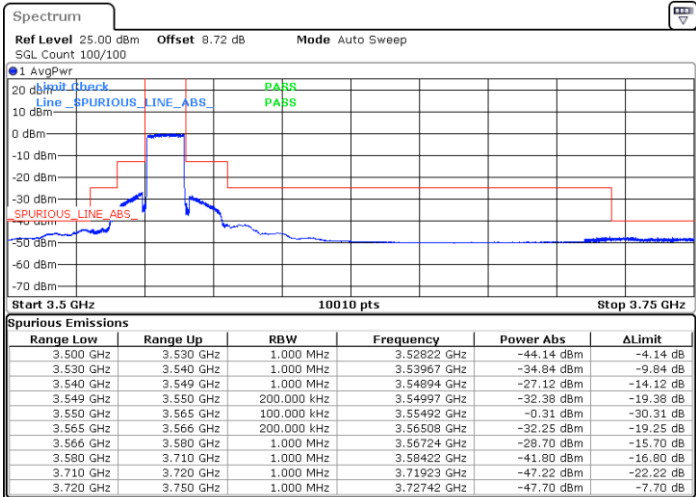


Date: 25.OCT.2022 23:29:15

Date: 25.OCT.2022 23:38:48

Lowest Channel / Full RB

N/A



Date: 25.OCT.2022 23:34:02

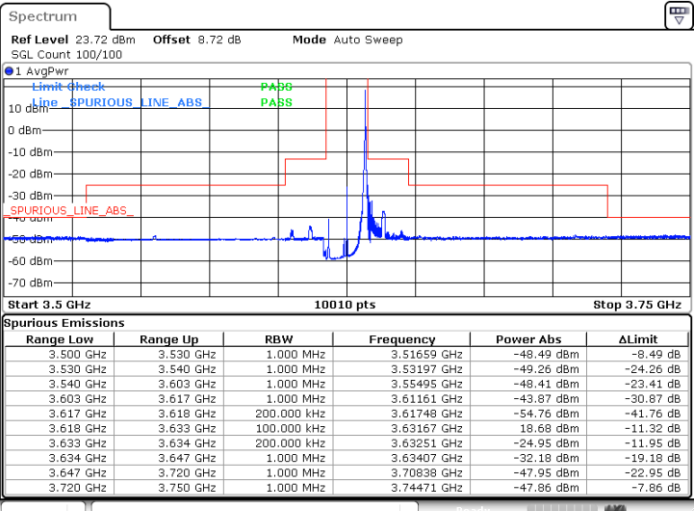
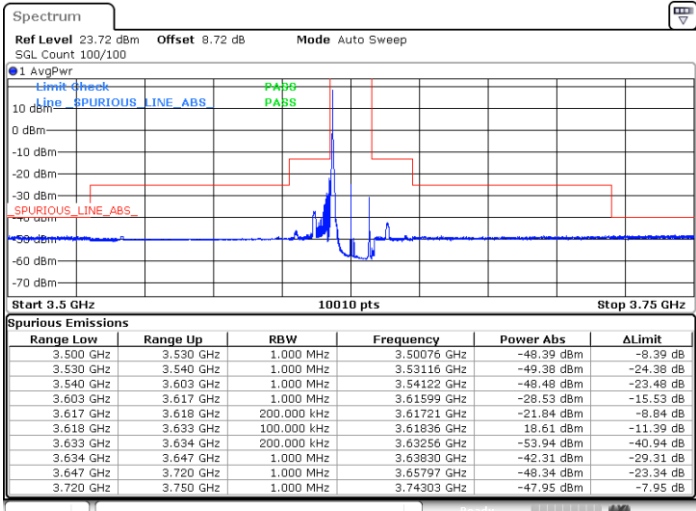


LTE Band 48 / 15MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

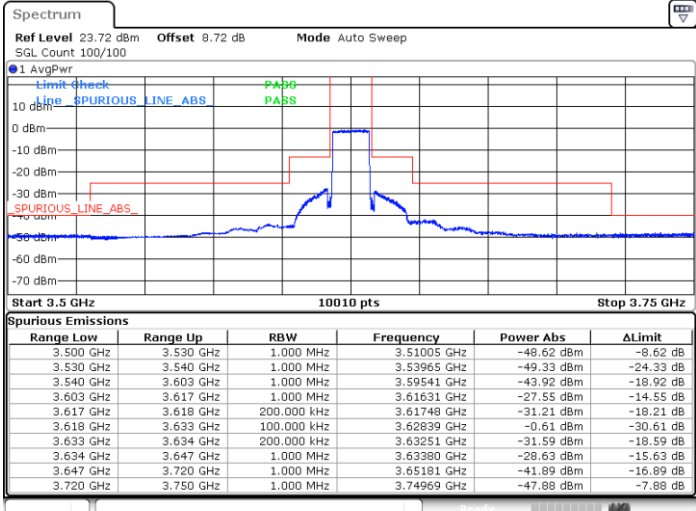


Date: 25.OCT.2022 23:45:57

Date: 25.OCT.2022 23:50:42

Middle Channel / Full RB

N/A



Date: 25.OCT.2022 23:55:28

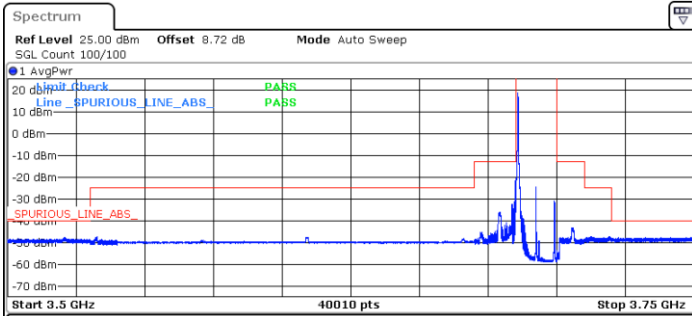


LTE Band 48 / 15MHz

QPSK

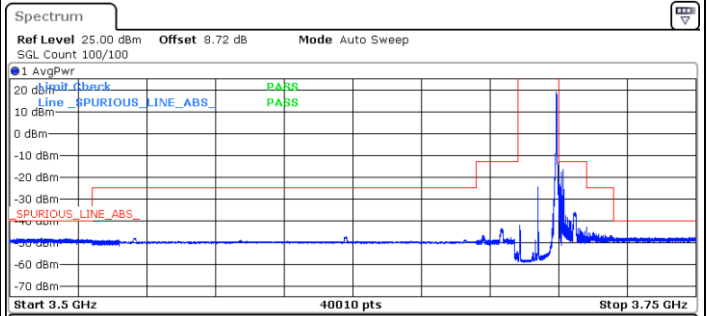
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52062 GHz	-47.85 dBm	-7.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53260 GHz	-47.56 dBm	-22.56 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.60874 GHz	-47.69 dBm	-22.69 dB
3.670 GHz	3.684 GHz	1.000 MHz	3.68389 GHz	-32.63 dBm	-19.63 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68496 GHz	-21.99 dBm	-8.99 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.68580 GHz	18.67 dBm	-11.33 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70010 GHz	-53.87 dBm	-40.87 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70588 GHz	-43.39 dBm	-30.39 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71271 GHz	-47.27 dBm	-22.27 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74137 GHz	-47.74 dBm	-7.74 dB

Date: 25.OCT.2022 23:57:51

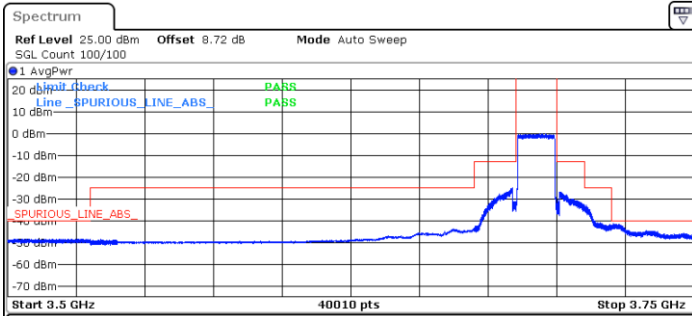


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51174 GHz	-48.26 dBm	-8.26 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53921 GHz	-49.04 dBm	-24.04 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.62261 GHz	-47.56 dBm	-22.56 dB
3.670 GHz	3.684 GHz	1.000 MHz	3.67909 GHz	-43.70 dBm	-30.70 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68480 GHz	-54.22 dBm	-41.22 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69916 GHz	18.86 dBm	-11.14 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-22.49 dBm	-9.49 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70169 GHz	-16.72 dBm	-3.72 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71007 GHz	-43.11 dBm	-18.11 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72781 GHz	-47.71 dBm	-7.71 dB

Date: 26.OCT.2022 00:07:40

Highest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52477 GHz	-48.49 dBm	-8.49 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53385 GHz	-48.75 dBm	-23.75 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.66228 GHz	-43.84 dBm	-18.84 dB
3.670 GHz	3.684 GHz	1.000 MHz	3.68388 GHz	-25.12 dBm	-12.12 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68500 GHz	-31.28 dBm	-18.28 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69473 GHz	-0.36 dBm	-30.36 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70018 GHz	-30.49 dBm	-17.49 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70126 GHz	-27.16 dBm	-14.16 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71081 GHz	-33.07 dBm	-8.07 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72065 GHz	-41.57 dBm	-1.57 dB

Date: 26.OCT.2022 00:02:41

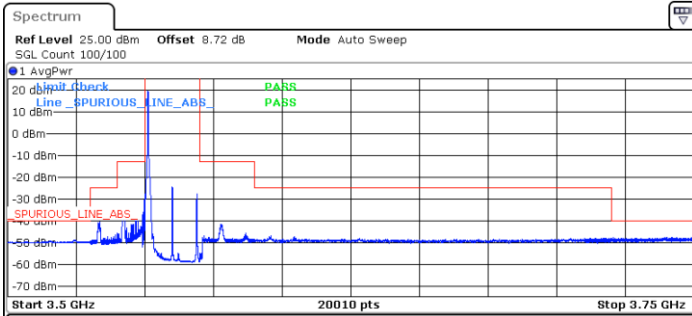


LTE Band 48 / 20MHz

QPSK

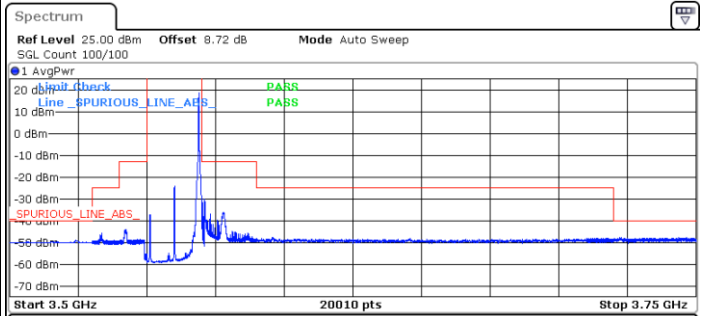
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52460 GHz	-48.95 dBm	-8.95 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53341 GHz	-40.48 dBm	-15.48 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54219 GHz	-36.96 dBm	-23.96 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-27.96 dBm	-14.96 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55109 GHz	19.36 dBm	-10.64 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57069 GHz	-55.07 dBm	-42.07 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57790 GHz	-41.65 dBm	-28.65 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59579 GHz	-47.13 dBm	-22.13 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71946 GHz	-48.08 dBm	-23.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74355 GHz	-47.82 dBm	-7.82 dB

Date: 26.OCT.2022 00:19:37

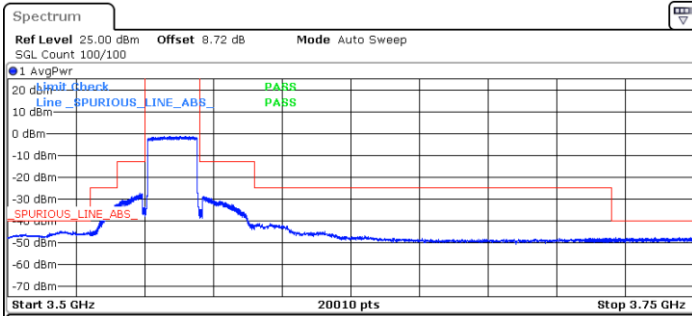


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52410 GHz	-49.15 dBm	-9.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53349 GHz	-45.88 dBm	-20.88 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54217 GHz	-44.18 dBm	-31.18 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54930 GHz	-55.28 dBm	-42.28 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56892 GHz	18.51 dBm	-11.49 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-30.04 dBm	-17.04 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57103 GHz	-30.25 dBm	-17.25 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59567 GHz	-47.95 dBm	-22.95 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71698 GHz	-48.12 dBm	-23.12 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72272 GHz	-47.67 dBm	-7.67 dB

Date: 26.OCT.2022 00:24:23

Lowest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51948 GHz	-45.05 dBm	-5.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53972 GHz	-32.74 dBm	-7.74 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54805 GHz	-27.54 dBm	-14.54 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54986 GHz	-33.61 dBm	-20.61 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55701 GHz	-1.31 dBm	-31.31 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-34.85 dBm	-21.85 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57119 GHz	-28.94 dBm	-15.94 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59117 GHz	-41.41 dBm	-16.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71285 GHz	-48.13 dBm	-23.13 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74873 GHz	-47.82 dBm	-7.82 dB

Date: 26.OCT.2022 00:14:50

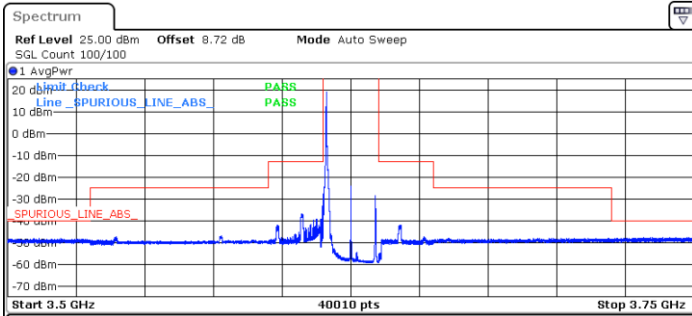


LTE Band 48 / 20MHz

QPSK

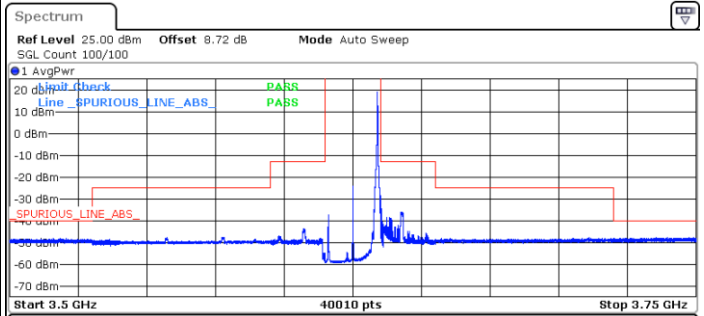
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51936 GHz	-48.33 dBm	-8.33 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53961 GHz	-47.34 dBm	-22.34 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.57777 GHz	-47.19 dBm	-22.19 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.60715 GHz	-36.99 dBm	-23.99 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-27.68 dBm	-14.68 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61610 GHz	19.00 dBm	-11.00 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63541 GHz	-55.00 dBm	-42.00 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64260 GHz	-42.09 dBm	-29.09 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.69296 GHz	-48.01 dBm	-23.01 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74746 GHz	-47.73 dBm	-7.73 dB

Date: 26.OCT.2022 00:36:17

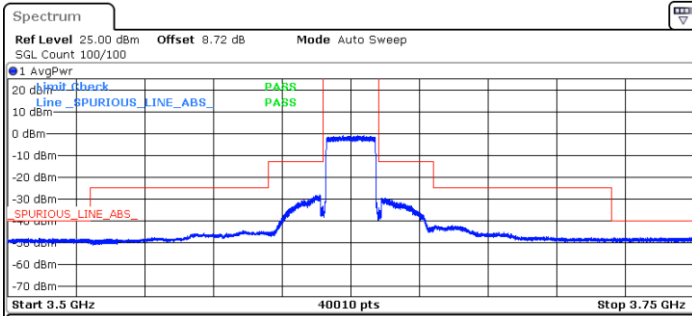


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52049 GHz	-48.32 dBm	-8.32 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53638 GHz	-48.75 dBm	-23.75 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.57782 GHz	-47.81 dBm	-22.81 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.60593 GHz	-43.73 dBm	-30.73 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61472 GHz	-55.05 dBm	-42.05 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63393 GHz	19.07 dBm	-10.93 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-28.63 dBm	-15.63 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64296 GHz	-36.15 dBm	-23.15 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.71096 GHz	-47.93 dBm	-22.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74757 GHz	-47.88 dBm	-7.88 dB

Date: 26.OCT.2022 00:26:46

Middle Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50759 GHz	-48.25 dBm	-8.25 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53569 GHz	-48.48 dBm	-23.48 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.58566 GHz	-44.68 dBm	-19.68 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61348 GHz	-28.30 dBm	-15.30 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61486 GHz	-33.49 dBm	-20.49 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62202 GHz	-0.83 dBm	-30.83 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63506 GHz	-34.39 dBm	-21.39 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63719 GHz	-29.75 dBm	-16.75 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65579 GHz	-42.25 dBm	-17.25 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72077 GHz	-47.68 dBm	-7.68 dB

Date: 26.OCT.2022 00:31:32

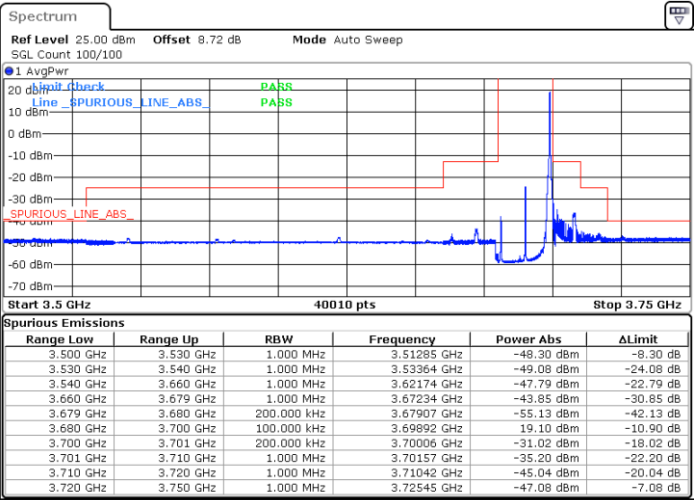
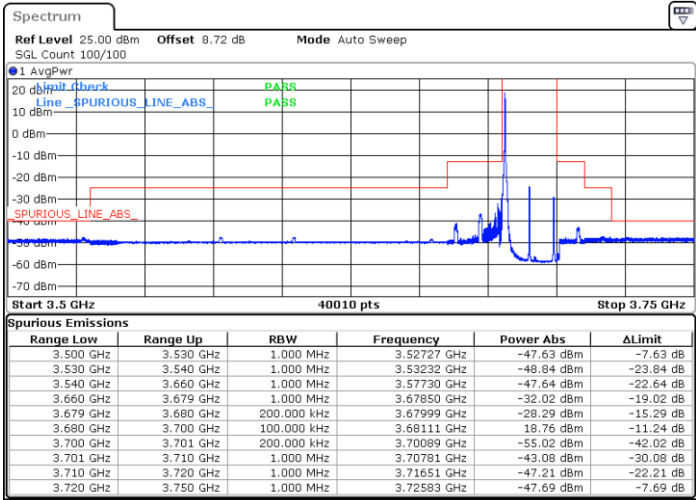


LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

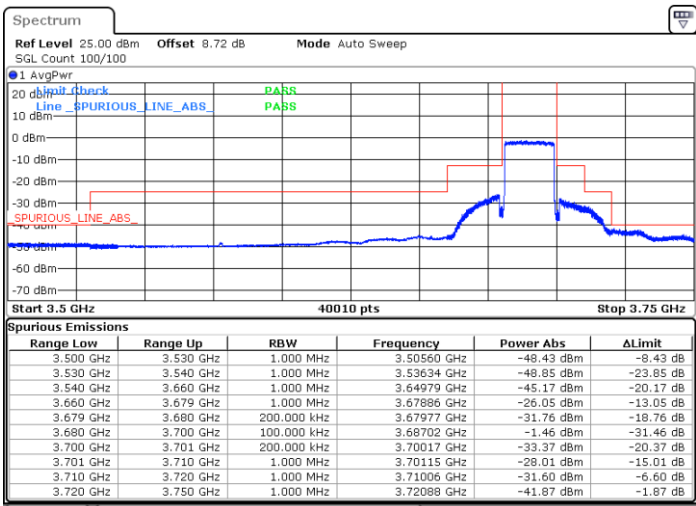


Date: 26.OCT.2022 00:48:15

Date: 26.OCT.2022 00:53:02

Highest Channel / Full RB

N/A



Date: 26.OCT.2022 00:43:27

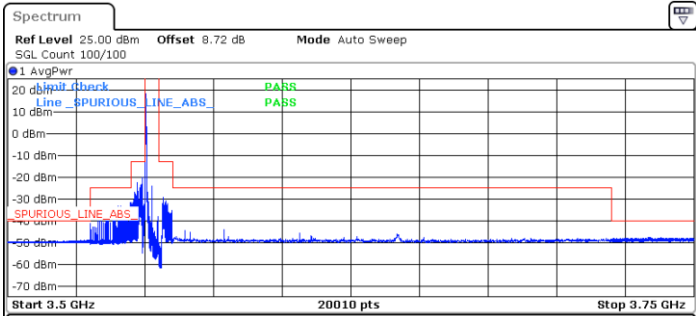


LTE Band 48 / 5MHz

16QAM

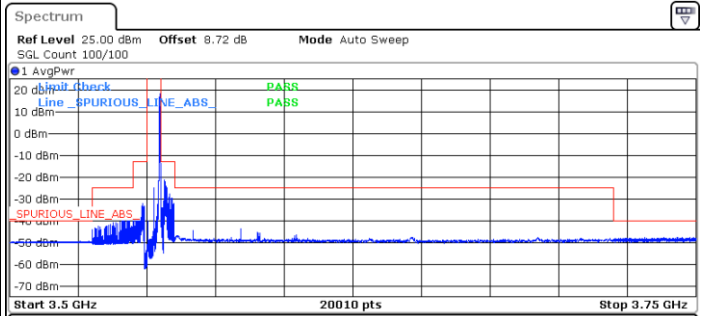
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52917 GHz	-48.97 dBm	-8.97 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53894 GHz	-36.17 dBm	-11.17 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54499 GHz	-31.63 dBm	-6.63 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54898 GHz	-20.29 dBm	-7.29 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-25.80 dBm	-12.80 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55029 GHz	18.02 dBm	-11.98 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-51.12 dBm	-38.12 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55670 GHz	-29.48 dBm	-16.48 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.57867 GHz	-44.39 dBm	-19.39 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73400 GHz	-47.63 dBm	-7.63 dB

Date: 25.OCT.2022 22:05:42

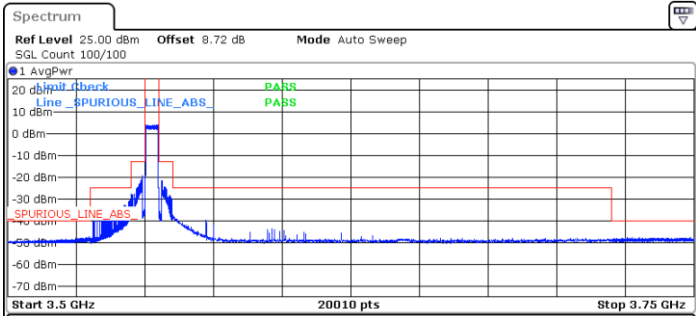


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52993 GHz	-49.45 dBm	-9.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53853 GHz	-40.97 dBm	-15.97 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54499 GHz	-36.26 dBm	-11.26 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54843 GHz	-32.06 dBm	-19.06 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54982 GHz	-53.95 dBm	-40.95 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55463 GHz	18.12 dBm	-11.88 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55502 GHz	-26.37 dBm	-13.37 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55618 GHz	-21.31 dBm	-8.31 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.58419 GHz	-43.97 dBm	-18.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73825 GHz	-47.76 dBm	-7.76 dB

Date: 25.OCT.2022 22:10:29

Lowest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52983 GHz	-47.34 dBm	-7.34 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53862 GHz	-36.54 dBm	-11.54 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54499 GHz	-27.71 dBm	-2.71 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54893 GHz	-19.32 dBm	-6.32 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-31.88 dBm	-18.88 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55464 GHz	3.84 dBm	-26.16 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55500 GHz	-32.39 dBm	-19.39 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55644 GHz	-21.71 dBm	-8.71 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56004 GHz	-37.70 dBm	-12.70 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72759 GHz	-47.83 dBm	-7.83 dB

Date: 25.OCT.2022 22:15:15

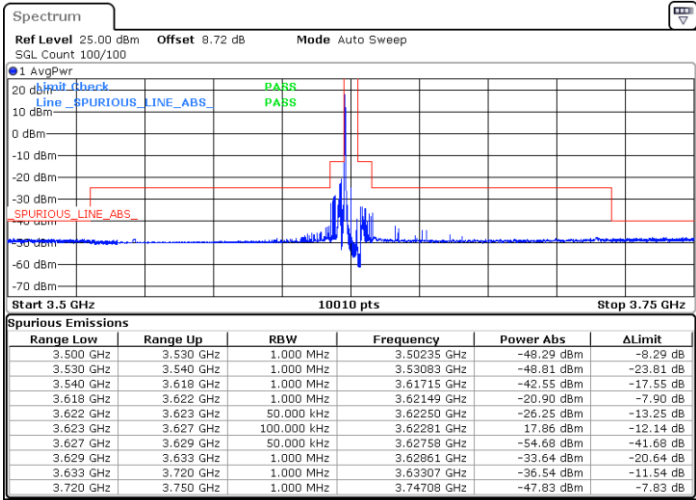


LTE Band 48 / 5MHz

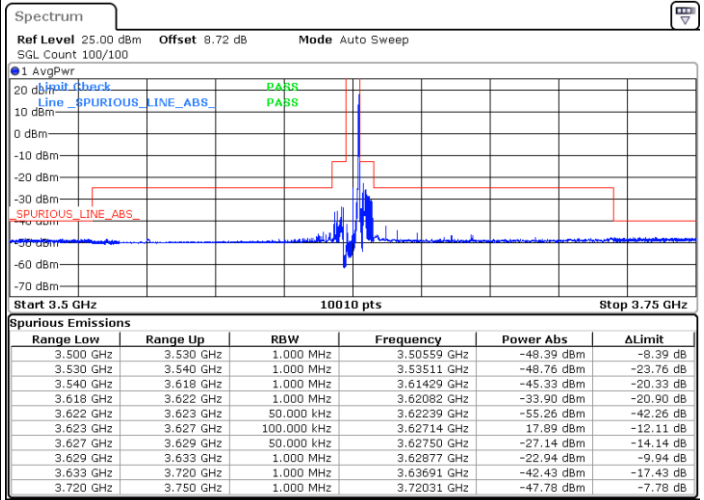
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



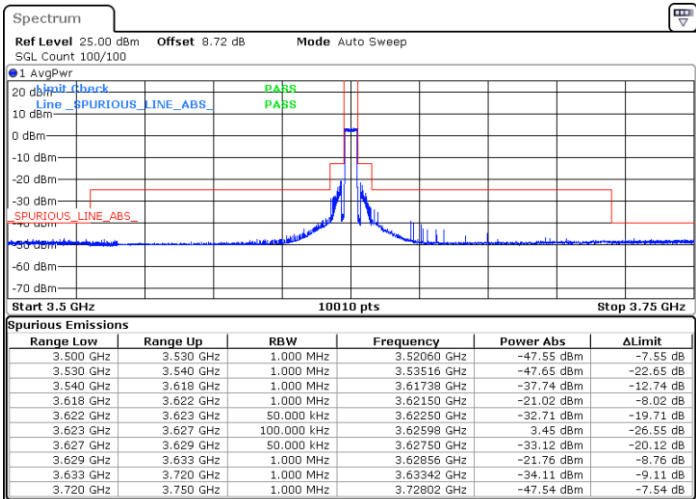
Date: 25.OCT.2022 22:17:38



Date: 25.OCT.2022 22:22:23

Middle Channel / Full RB

N/A



Date: 25.OCT.2022 22:27:09

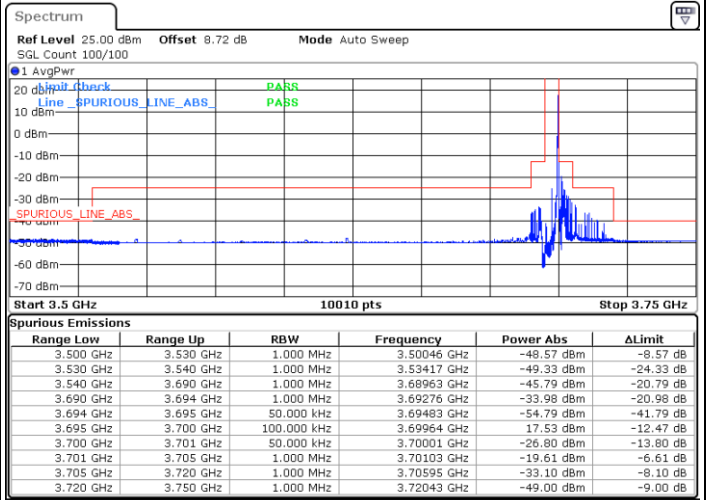
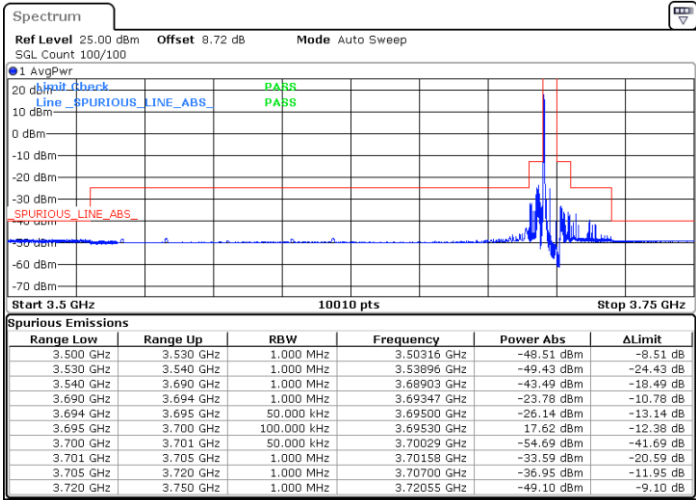


LTE Band 48 / 5MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

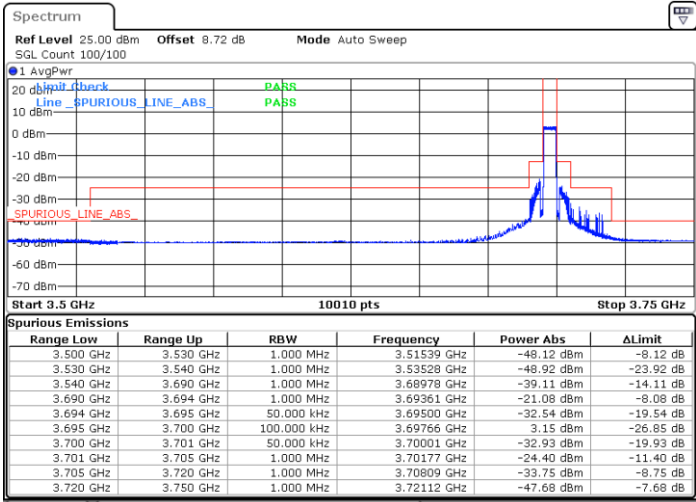


Date: 25.OCT.2022 22:34:19

Date: 25.OCT.2022 22:43:53

Highest Channel / Full RB

N/A



Date: 25.OCT.2022 22:39:06

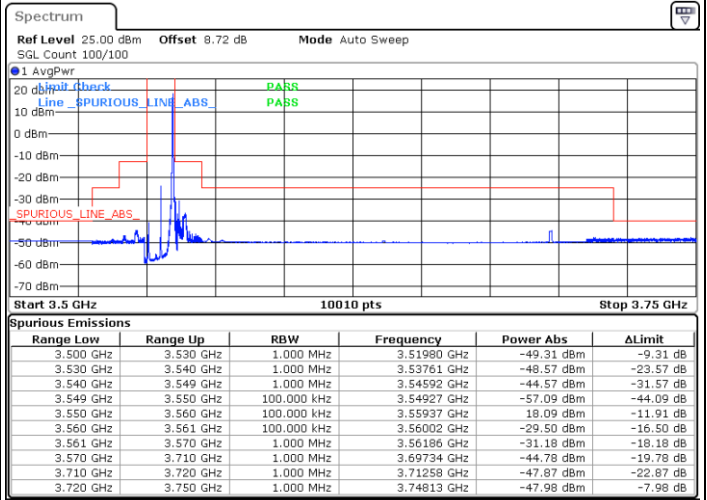
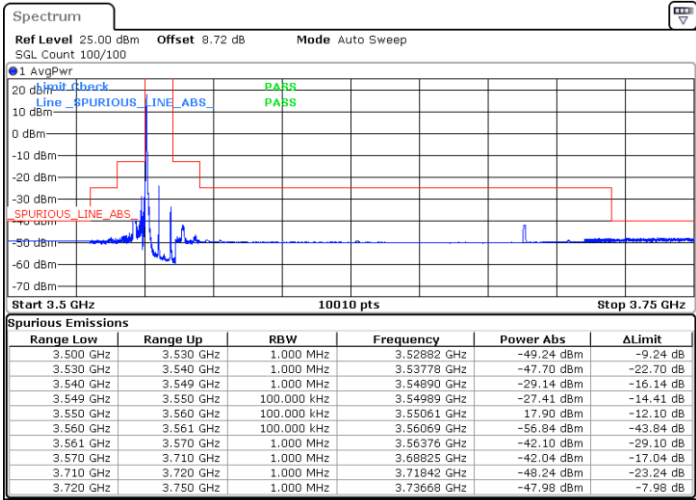


LTE Band 48 / 10MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

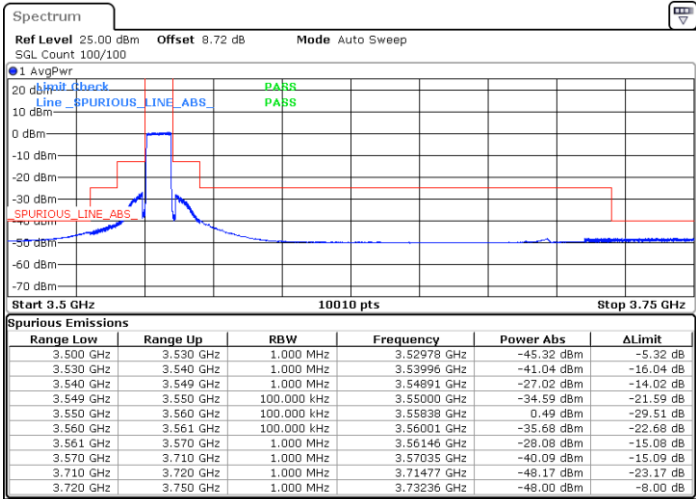


Date: 25.OCT.2022 22:46:17

Date: 25.OCT.2022 22:51:04

Lowest Channel / Full RB

N/A



Date: 25.OCT.2022 22:55:51

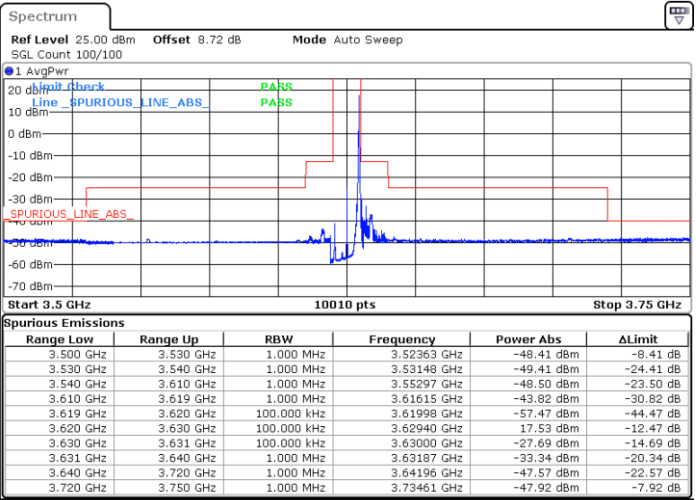
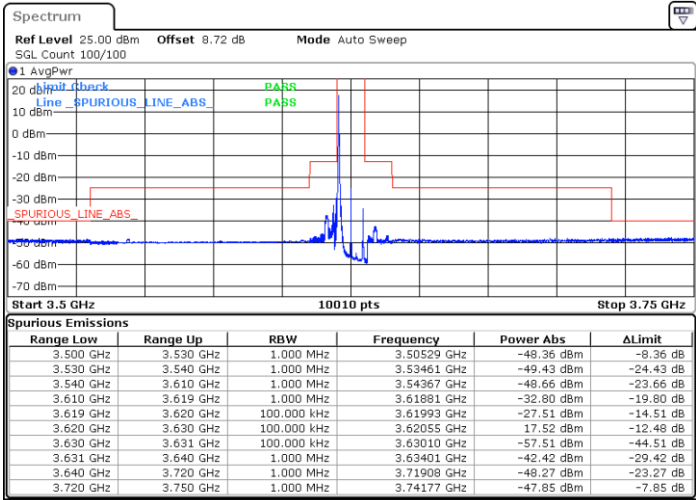


LTE Band 48 / 10MHz

16QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax

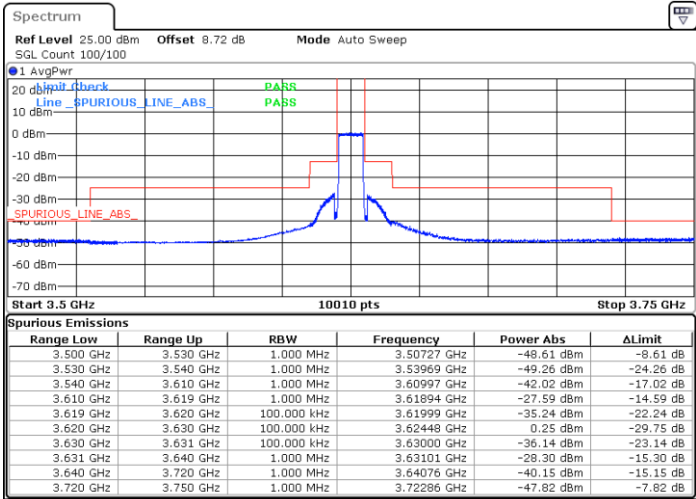


Date: 25.OCT.2022 23:03:00

Date: 25.OCT.2022 23:07:46

Middle Channel / Full RB

N/A



Date: 25.OCT.2022 23:12:31

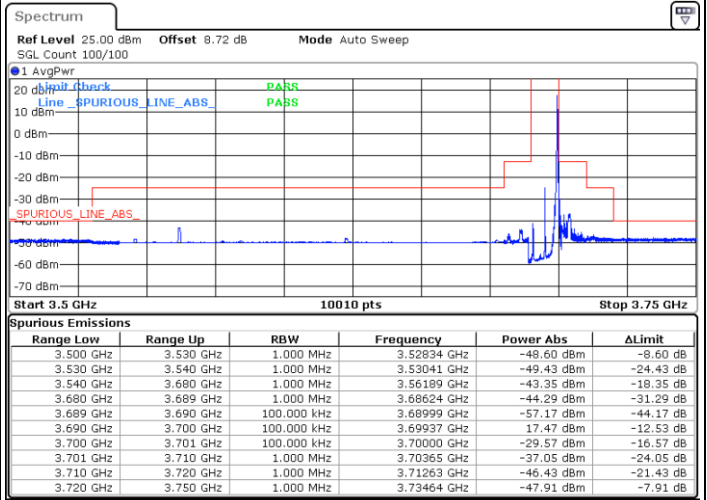
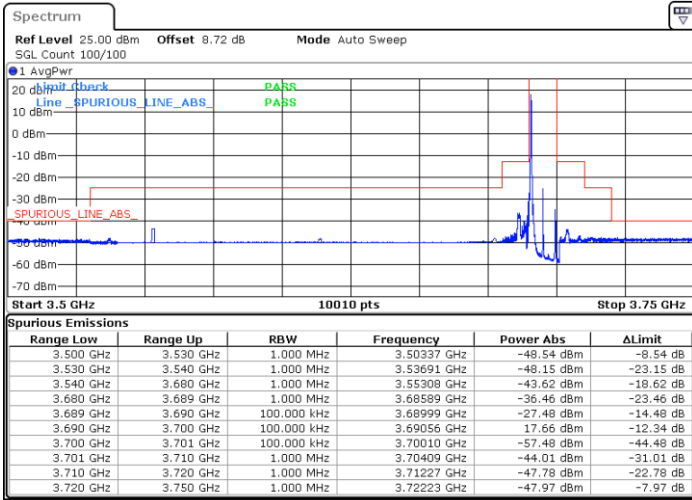


LTE Band 48 / 10MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

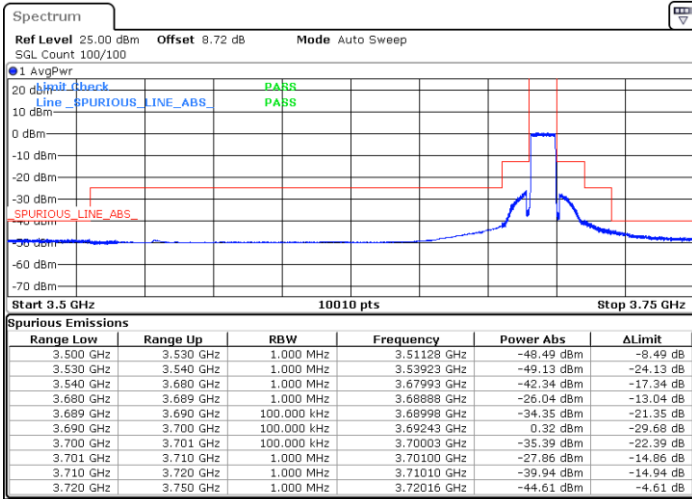


Date: 25.OCT.2022 23:14:54

Date: 25.OCT.2022 23:24:28

Highest Channel / Full RB

N/A



Date: 25.OCT.2022 23:19:41

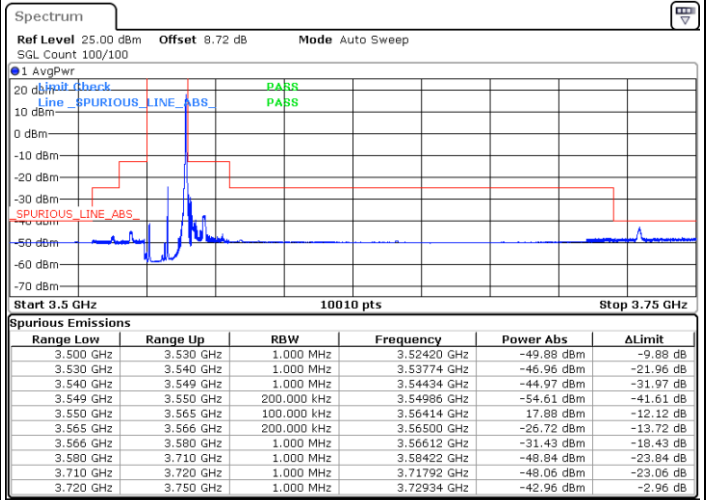
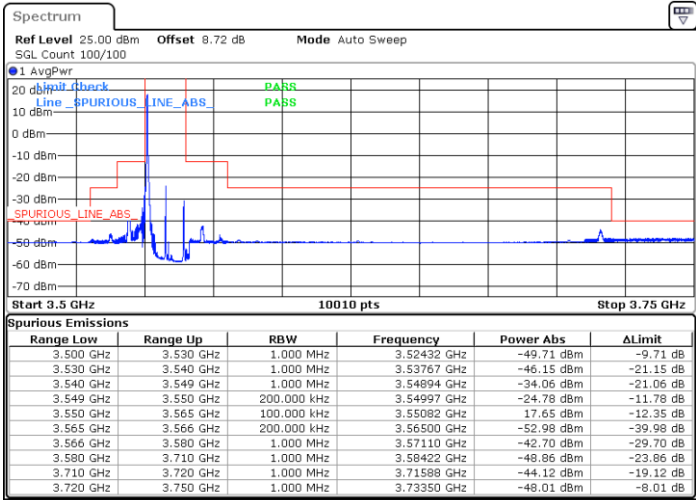


LTE Band 48 / 15MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

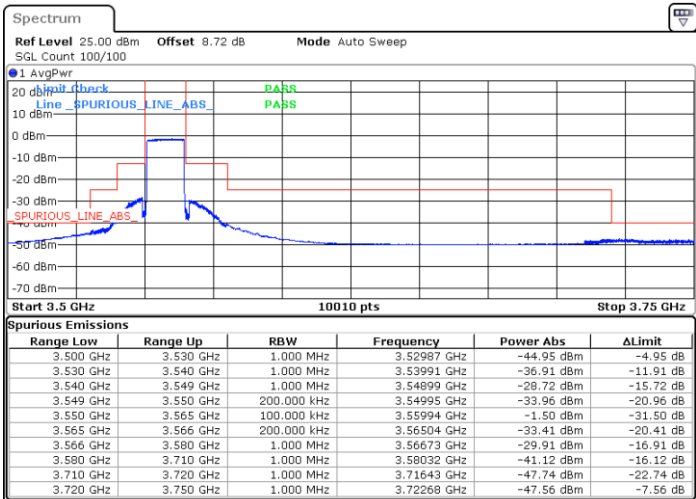


Date: 25.OCT.2022 23:31:38

Date: 25.OCT.2022 23:41:12

Lowest Channel / Full RB

N/A



Date: 25.OCT.2022 23:36:25

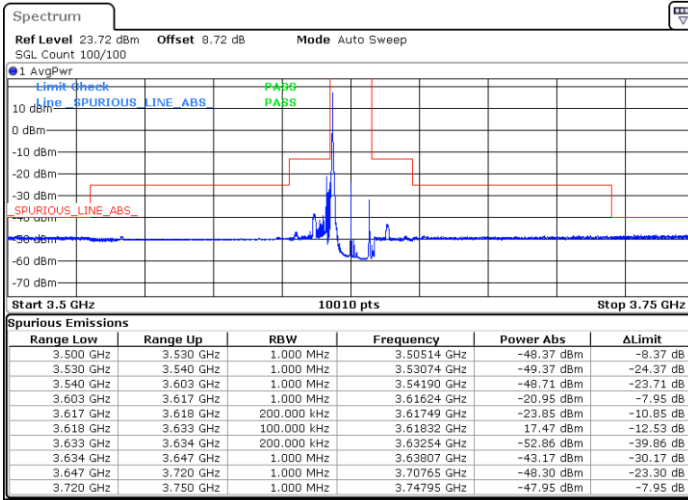


LTE Band 48 / 15MHz

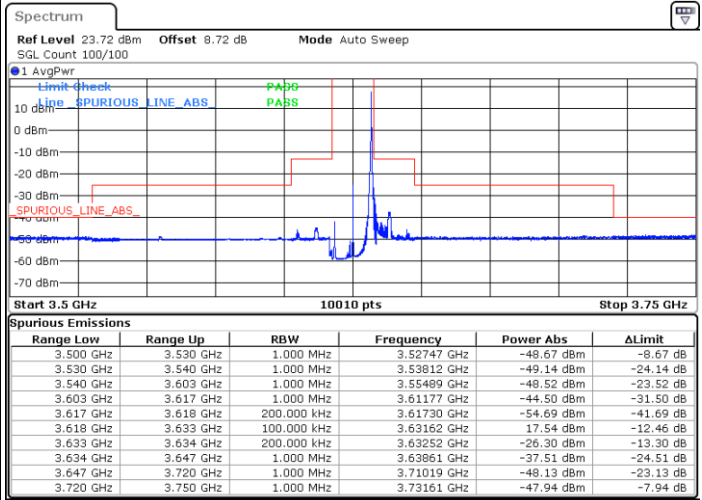
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



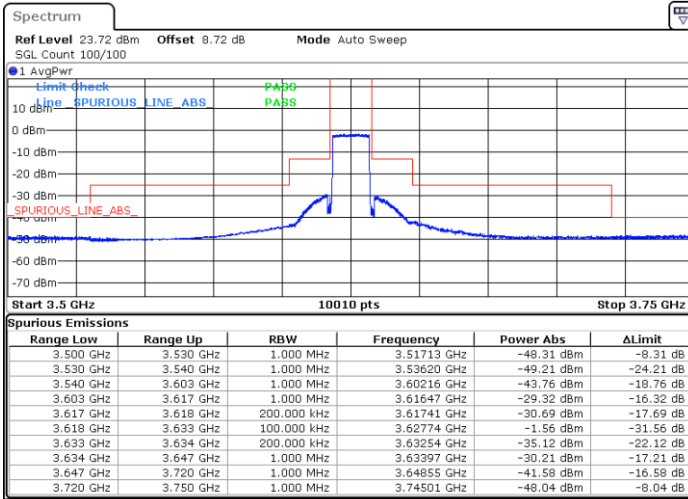
Date: 25.OCT.2022 23:43:35



Date: 25.OCT.2022 23:48:20

Middle Channel / Full RB

N/A



Date: 25.OCT.2022 23:53:05

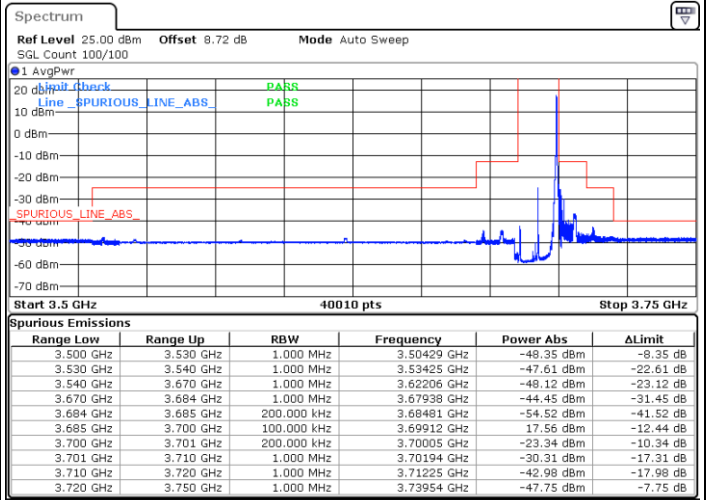
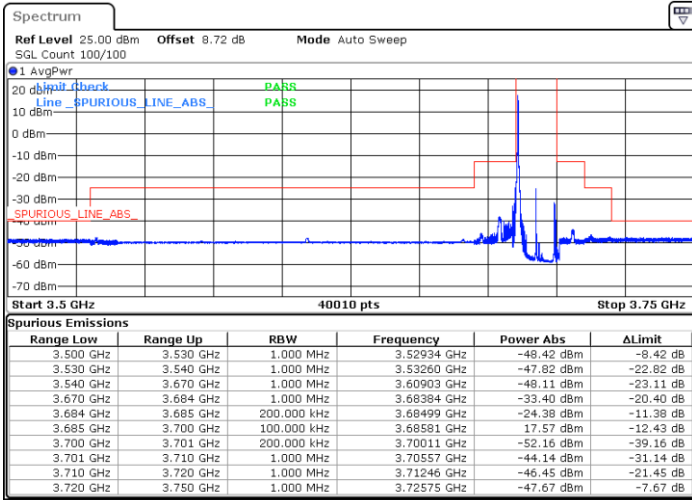


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

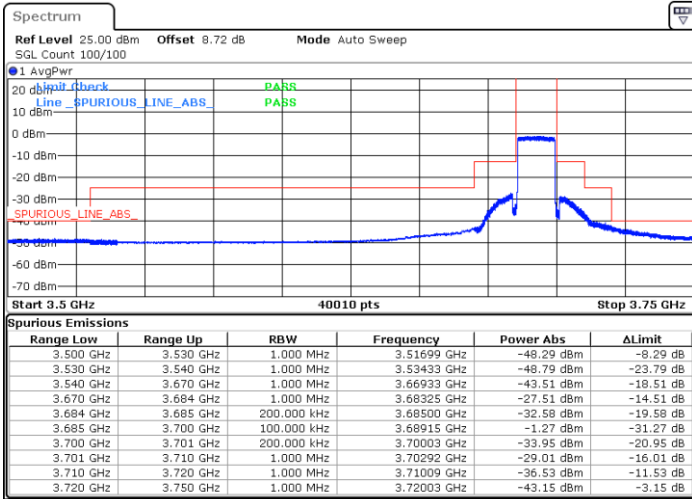


Date: 26.OCT.2022 00:00:14

Date: 26.OCT.2022 00:10:03

Highest Channel / Full RB

N/A



Date: 26.OCT.2022 00:05:16

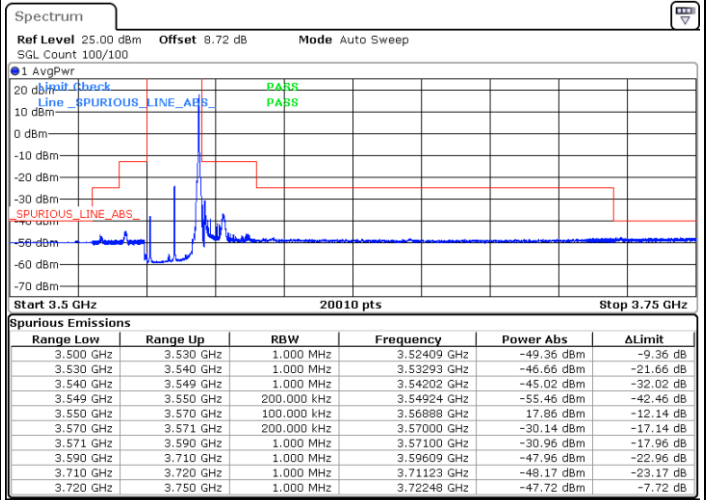
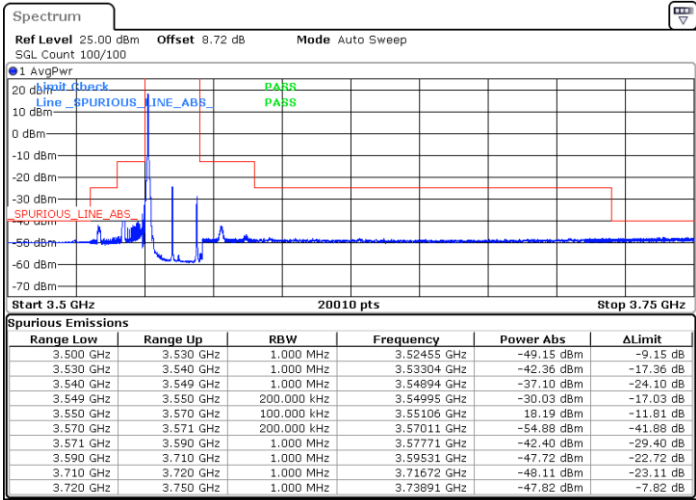


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

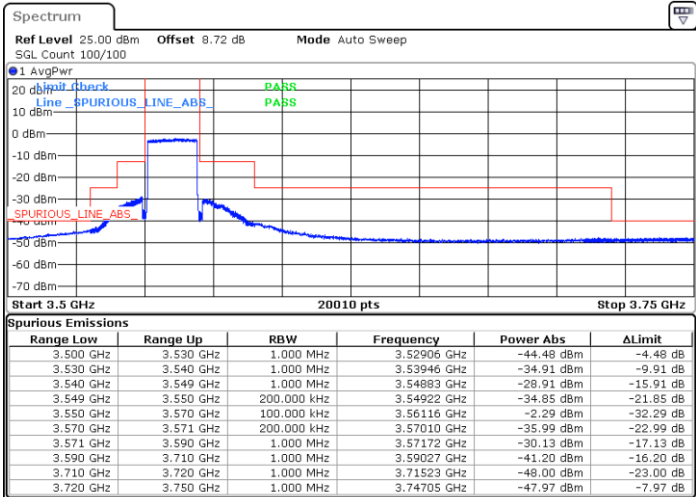


Date: 26.OCT.2022 00:17:14

Date: 26.OCT.2022 00:22:00

Lowest Channel / Full RB

N/A



Date: 26.OCT.2022 00:12:27

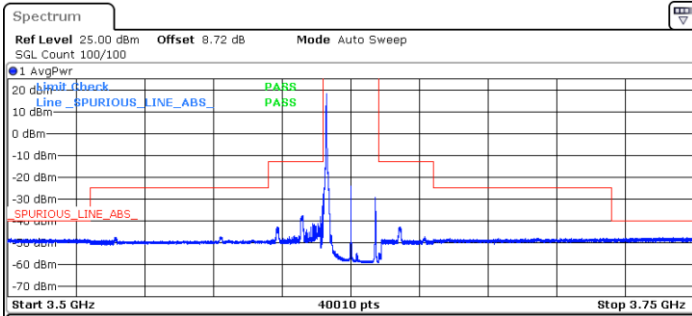


LTE Band 48 / 20MHz

16QAM

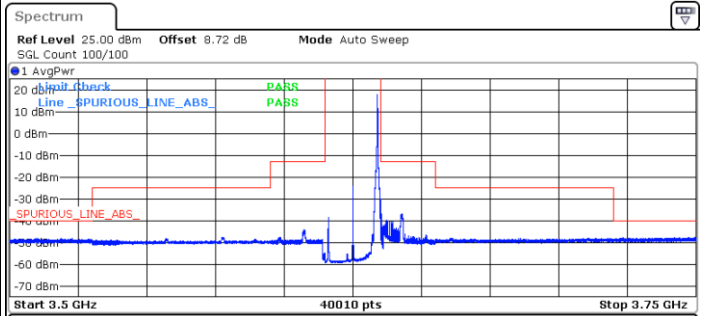
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50135 GHz	-48.36 dBm	-8.36 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53920 GHz	-47.90 dBm	-22.90 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.57743 GHz	-47.52 dBm	-22.52 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.60728 GHz	-37.85 dBm	-24.85 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-27.85 dBm	-14.85 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61605 GHz	18.01 dBm	-11.99 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63523 GHz	-55.03 dBm	-42.03 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64273 GHz	-42.80 dBm	-29.80 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.69335 GHz	-48.08 dBm	-23.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73741 GHz	-47.77 dBm	-7.77 dB

Date: 26.OCT.2022 00:38:40

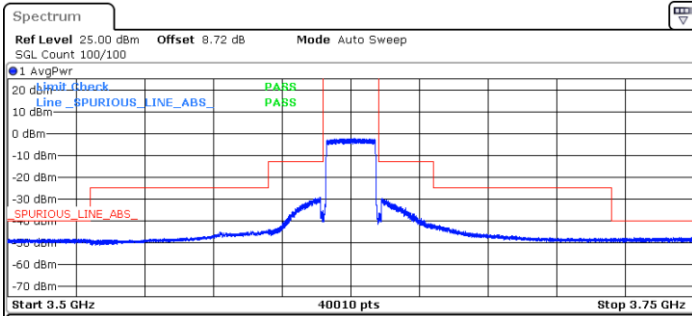


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51011 GHz	-48.22 dBm	-8.22 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53696 GHz	-48.92 dBm	-23.92 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.57774 GHz	-47.63 dBm	-22.63 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.60733 GHz	-44.29 dBm	-31.29 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61475 GHz	-55.04 dBm	-42.04 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63389 GHz	17.78 dBm	-12.22 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63501 GHz	-30.14 dBm	-17.14 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64264 GHz	-36.94 dBm	-23.94 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66074 GHz	-48.03 dBm	-23.03 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74976 GHz	-47.90 dBm	-7.90 dB

Date: 26.OCT.2022 00:29:09

Middle Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51075 GHz	-48.54 dBm	-8.54 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53656 GHz	-48.83 dBm	-23.83 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59426 GHz	-44.53 dBm	-19.53 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61376 GHz	-29.54 dBm	-16.54 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-35.21 dBm	-22.21 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62624 GHz	-2.35 dBm	-32.35 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63546 GHz	-36.61 dBm	-23.61 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63647 GHz	-29.96 dBm	-16.96 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65545 GHz	-41.96 dBm	-16.96 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74952 GHz	-47.77 dBm	-7.77 dB

Date: 26.OCT.2022 00:33:55

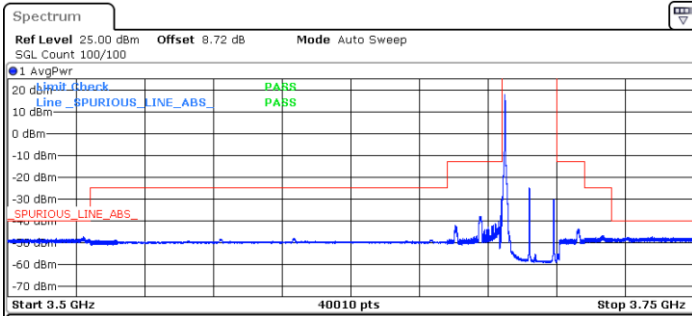


LTE Band 48 / 20MHz

16QAM

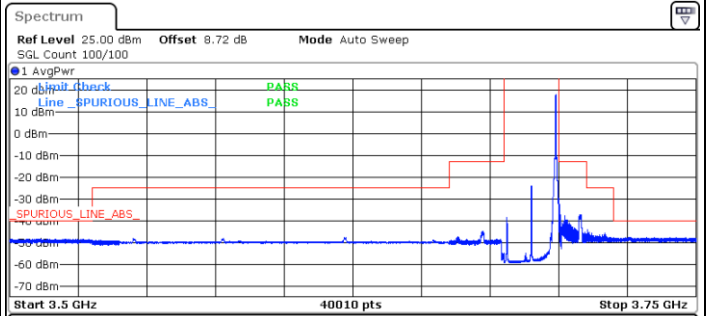
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52743 GHz	-47.52 dBm	-7.52 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53308 GHz	-49.12 dBm	-24.12 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.60411 GHz	-48.06 dBm	-23.06 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67219 GHz	-38.06 dBm	-25.06 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-29.19 dBm	-16.19 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	17.90 dBm	-12.10 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70090 GHz	-55.17 dBm	-42.17 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70782 GHz	-43.94 dBm	-30.94 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71694 GHz	-46.98 dBm	-21.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73473 GHz	-47.47 dBm	-7.47 dB

Date: 26.OCT.2022 00:45:51

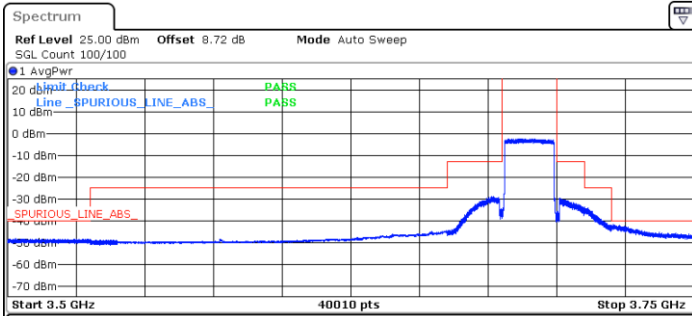


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51456 GHz	-48.43 dBm	-8.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53135 GHz	-49.16 dBm	-24.16 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.62192 GHz	-47.94 dBm	-22.94 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67245 GHz	-44.86 dBm	-31.86 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67917 GHz	-55.04 dBm	-42.04 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69890 GHz	17.75 dBm	-12.25 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-29.76 dBm	-16.76 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70801 GHz	-37.34 dBm	-24.34 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-44.08 dBm	-19.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72613 GHz	-47.68 dBm	-7.68 dB

Date: 26.OCT.2022 00:50:38

Highest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50273 GHz	-48.34 dBm	-8.34 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53221 GHz	-48.93 dBm	-23.93 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65994 GHz	-44.79 dBm	-19.79 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67678 GHz	-28.89 dBm	-15.89 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-34.47 dBm	-21.47 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69123 GHz	-2.43 dBm	-32.43 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70017 GHz	-35.61 dBm	-22.61 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70107 GHz	-29.89 dBm	-16.89 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71021 GHz	-33.69 dBm	-8.69 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72054 GHz	-41.87 dBm	-1.87 dB

Date: 26.OCT.2022 00:41:03



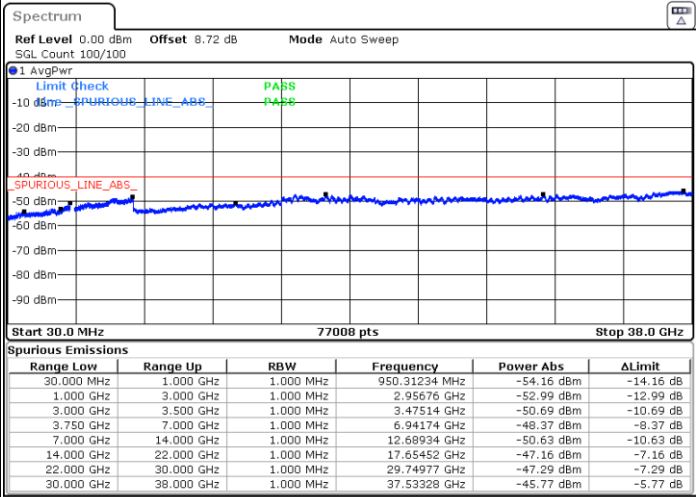
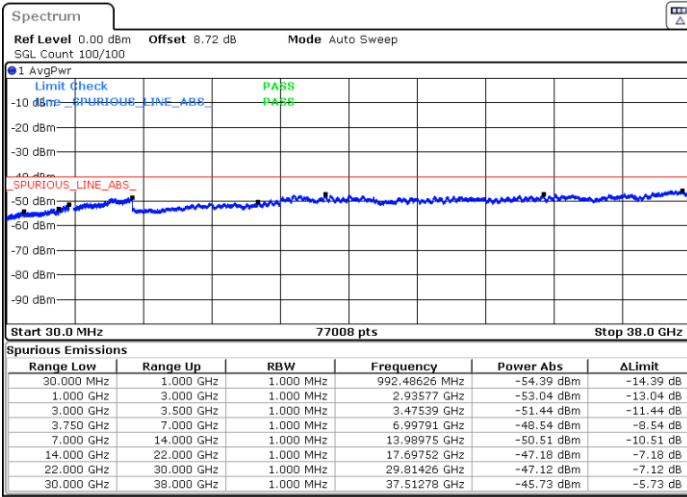
Conducted Spurious Emission

LTE Band 48 / 5MHz

QPSK / 1RB0

Lowest Channel

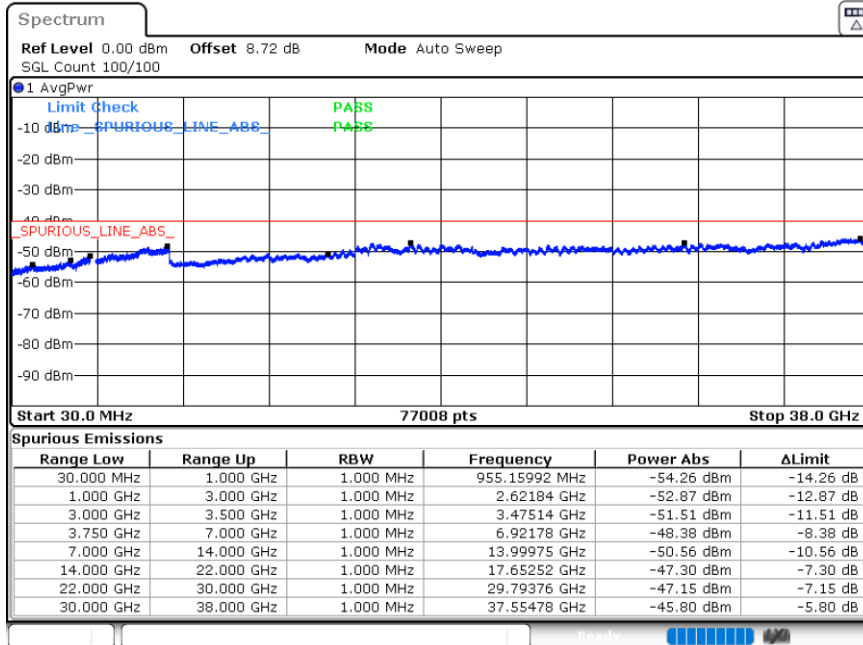
Middle Channel



Date: 26.OCT.2022 16:42:23

Date: 26.OCT.2022 16:43:31

Highest Channel



Date: 26.OCT.2022 16:44:52

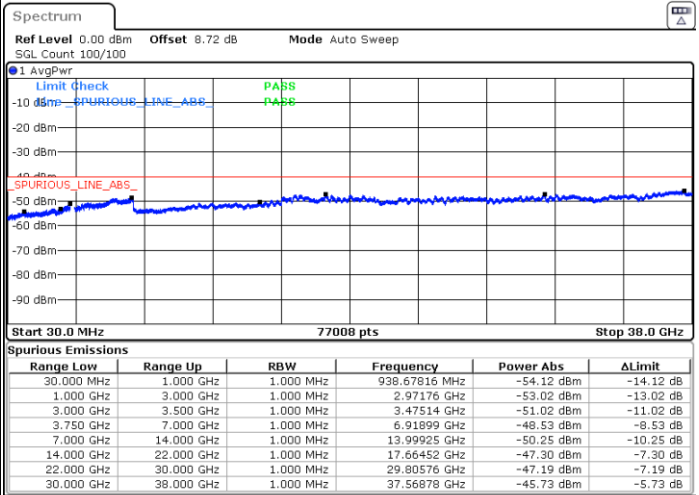
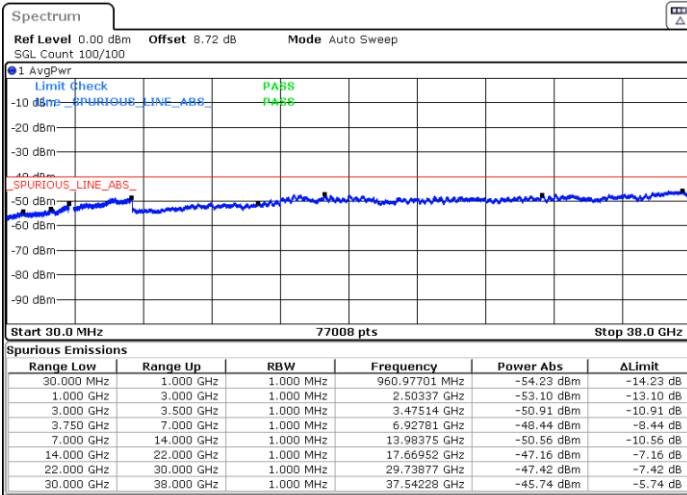


LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

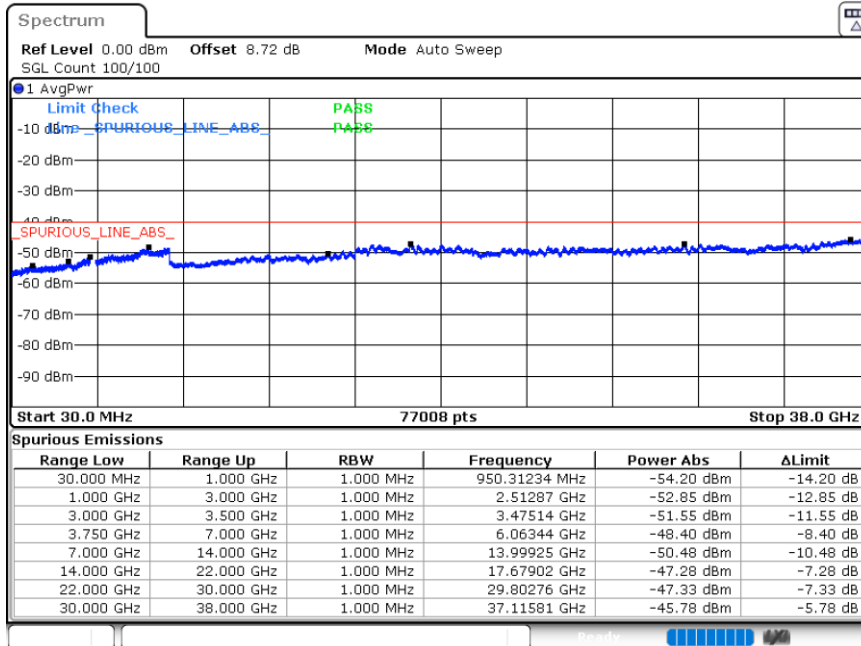
Middle Channel



Date: 26.OCT.2022 16:46:42

Date: 26.OCT.2022 16:47:57

Highest Channel



Date: 26.OCT.2022 16:49:06

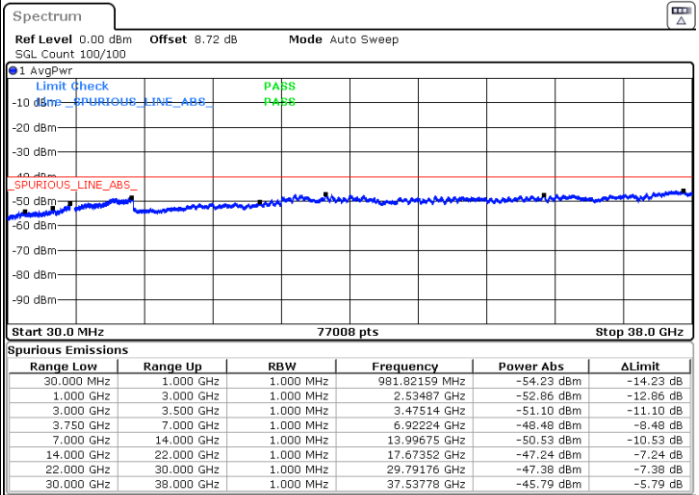
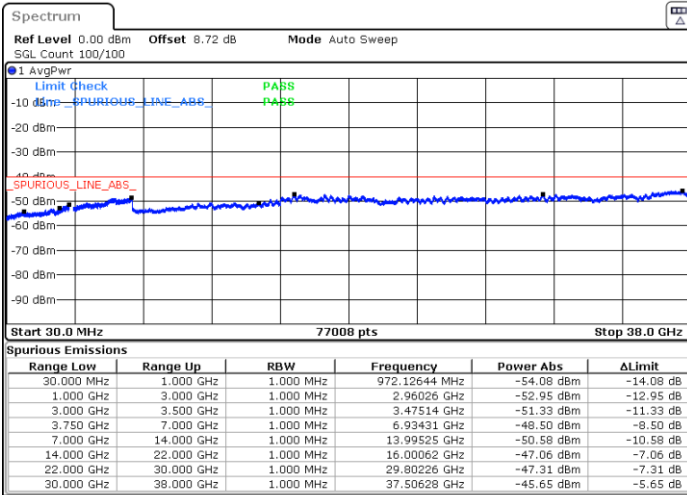


LTE Band 48 / 15MHz

QPSK / 1RB0

Lowest Channel

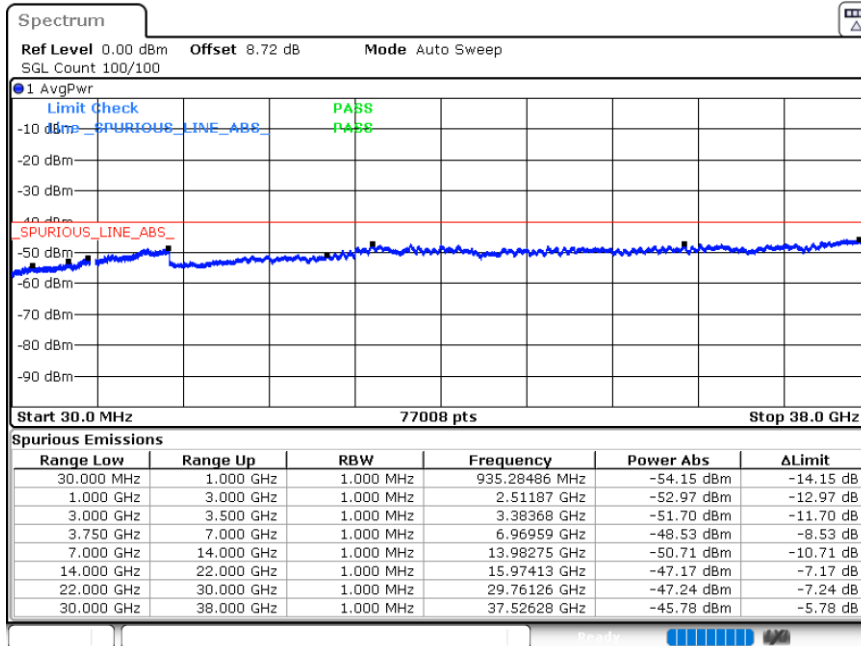
Middle Channel



Date: 26.OCT.2022 16:50:29

Date: 26.OCT.2022 16:51:37

Highest Channel



Date: 26.OCT.2022 16:53:17

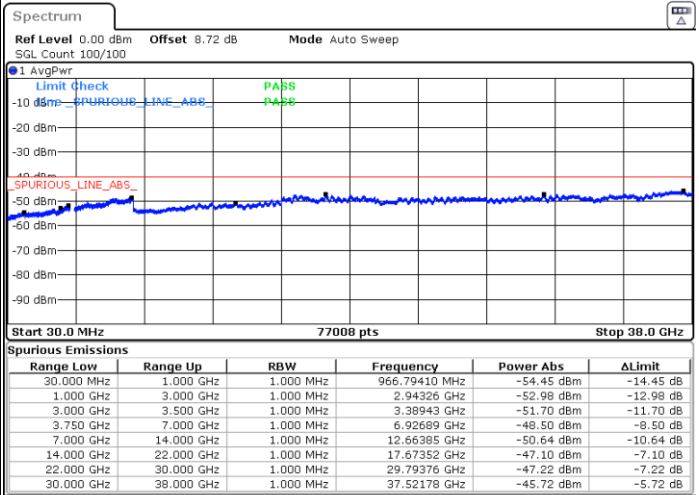
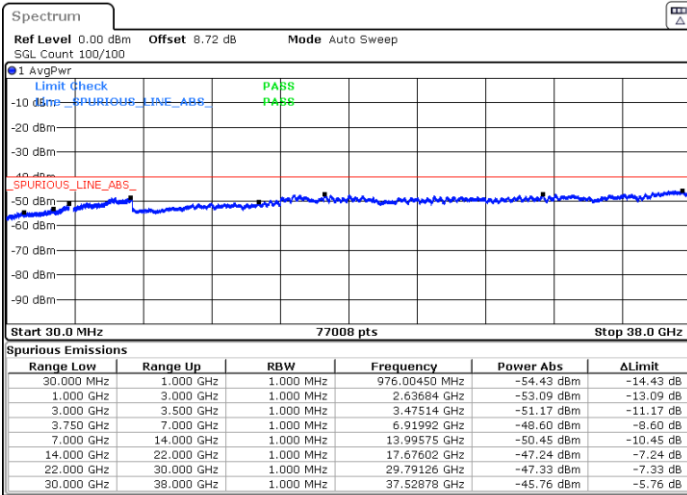


LTE Band 48 / 20MHz

QPSK / 1RB0

Lowest Channel

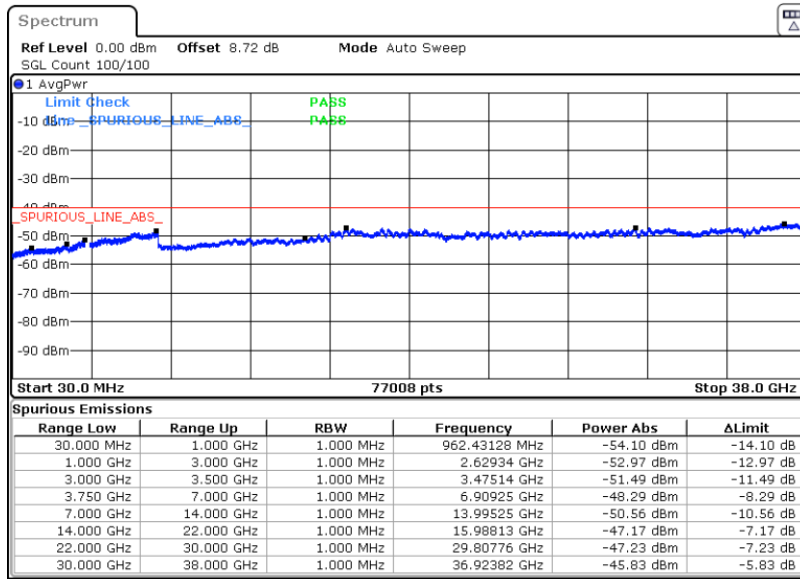
Middle Channel



Date: 26.OCT.2022 16:54:28

Date: 26.OCT.2022 16:55:35

Highest Channel



Date: 26.OCT.2022 16:56:43



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	0.0035	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0033	
20	Minimum Voltage	0.0026	

Note:

1. Normal Voltage =12 V. ; Minimum Voltage =11.4V. ; Maximum Voltage =12.6V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Fixed External Antenna 1:

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)
Middle	7232.00	-51.03	-40	-11.03	-50.10	-54.33	8.30	11.60	H
	10848.00	-50.32	-40	-10.32	-55.31	-51.84	10.48	12.00	H
	14464.00	-49.33	-40	-9.33	-59.76	-51.03	11.80	13.50	H
	7232.00	-49.64	-40	-9.64	-49.02	-52.94	8.30	11.60	V
	10848.00	-51.56	-40	-11.56	-56.18	-53.08	10.48	12.00	V
	14464.00	-50.36	-40	-10.36	-60.21	-52.06	11.80	13.50	V

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

Fixed Internal Antenna:

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)
Middle	7232.00	-51.40	-40	-11.40	-50.47	-54.70	8.30	11.60	H
	10848.00	-52.10	-40	-12.10	-57.09	-53.62	10.48	12.00	H
	14464.00	-49.52	-40	-9.52	-59.95	-51.22	11.80	13.50	H
	7232.00	-50.31	-40	-10.31	-49.69	-53.61	8.30	11.60	V
	10848.00	-50.74	-40	-10.74	-55.36	-52.26	10.48	12.00	V
	14464.00	-50.05	-40	-10.05	-59.90	-51.75	11.80	13.50	V

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