

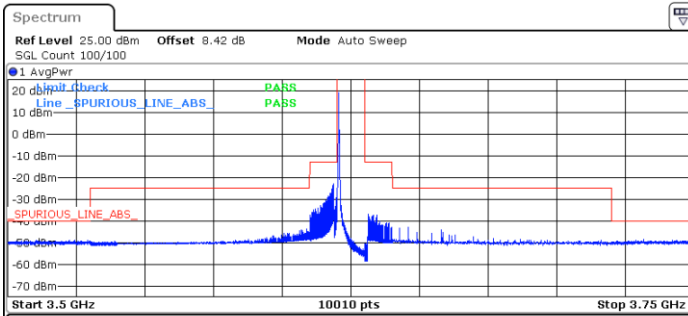


LTE Band 48 / 10MHz

QPSK

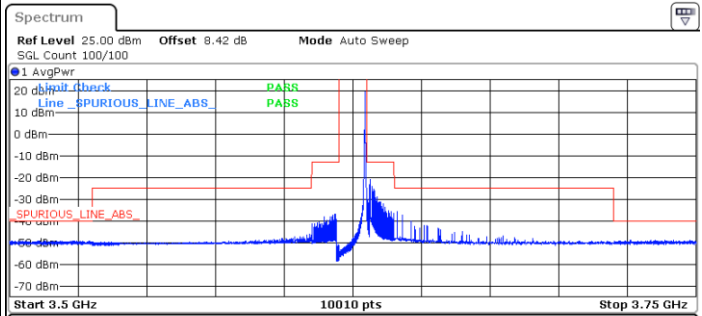
MiddleChannel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52447 GHz	-48.96 dBm	-8.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53909 GHz	-49.51 dBm	-24.51 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60892 GHz	-43.99 dBm	-18.99 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61859 GHz	-23.13 dBm	-10.13 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61999 GHz	-25.43 dBm	-12.43 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62061 GHz	18.97 dBm	-11.03 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63008 GHz	-50.66 dBm	-37.66 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63141 GHz	-36.97 dBm	-23.97 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64603 GHz	-43.05 dBm	-18.05 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73167 GHz	-48.61 dBm	-8.61 dB

Date: 6 AUG 2022 14:43:14

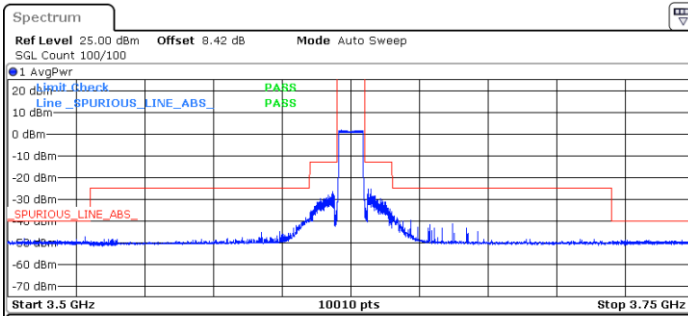


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52354 GHz	-49.28 dBm	-9.28 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53690 GHz	-49.61 dBm	-24.61 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60913 GHz	-46.06 dBm	-21.06 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61834 GHz	-36.92 dBm	-23.92 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61975 GHz	-50.95 dBm	-37.95 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62945 GHz	19.20 dBm	-10.80 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63011 GHz	-26.57 dBm	-13.57 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63118 GHz	-21.17 dBm	-8.17 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64100 GHz	-35.74 dBm	-10.74 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74762 GHz	-48.89 dBm	-8.89 dB

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Middle Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52816 GHz	-47.53 dBm	-7.53 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53673 GHz	-48.59 dBm	-23.59 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60850 GHz	-38.49 dBm	-13.49 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61899 GHz	-26.75 dBm	-13.75 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61998 GHz	-32.34 dBm	-19.34 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62144 GHz	1.62 dBm	-28.38 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63002 GHz	-31.45 dBm	-18.45 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63236 GHz	-25.32 dBm	-12.32 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64068 GHz	-37.83 dBm	-12.83 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73266 GHz	-48.89 dBm	-8.89 dB

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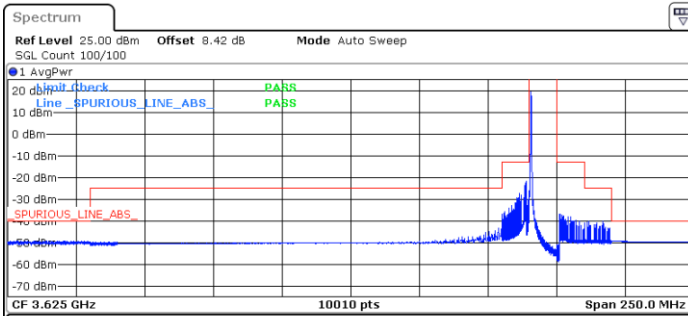


LTE Band 48 / 10MHz

QPSK

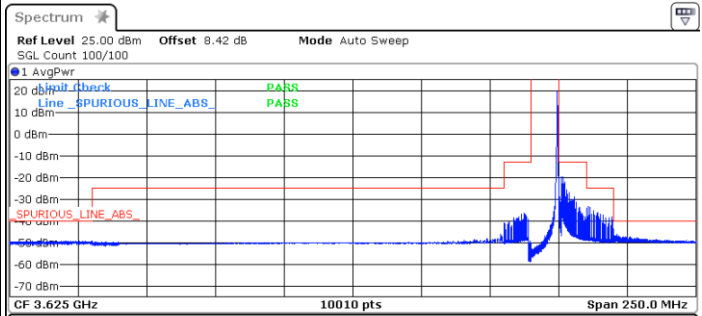
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51491 GHz	-49.31 dBm	-9.31 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53877 GHz	-49.85 dBm	-24.85 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67881 GHz	-43.47 dBm	-18.47 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68882 GHz	-21.71 dBm	-8.71 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.69000 GHz	-26.37 dBm	-13.37 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69059 GHz	19.53 dBm	-10.47 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70075 GHz	-51.00 dBm	-38.00 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-36.96 dBm	-23.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71158 GHz	-40.11 dBm	-15.11 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72001 GHz	-49.34 dBm	-9.34 dB

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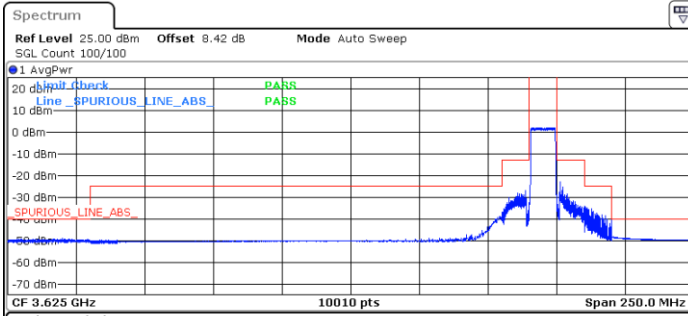


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51965 GHz	-49.25 dBm	-9.25 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53354 GHz	-49.89 dBm	-24.89 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67867 GHz	-46.30 dBm	-21.30 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68735 GHz	-36.78 dBm	-23.78 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68965 GHz	-49.51 dBm	-36.51 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69942 GHz	19.63 dBm	-10.37 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70009 GHz	-26.07 dBm	-13.07 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70152 GHz	-19.68 dBm	-6.68 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71090 GHz	-33.26 dBm	-8.26 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72112 GHz	-46.30 dBm	-6.30 dB

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Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51992 GHz	-49.10 dBm	-9.10 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53993 GHz	-49.89 dBm	-24.89 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67923 GHz	-39.05 dBm	-14.05 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68845 GHz	-26.88 dBm	-13.88 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68998 GHz	-32.49 dBm	-19.49 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69939 GHz	1.97 dBm	-28.03 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70003 GHz	-31.17 dBm	-18.17 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70123 GHz	-22.94 dBm	-9.94 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71018 GHz	-34.40 dBm	-9.40 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72004 GHz	-48.30 dBm	-8.30 dB

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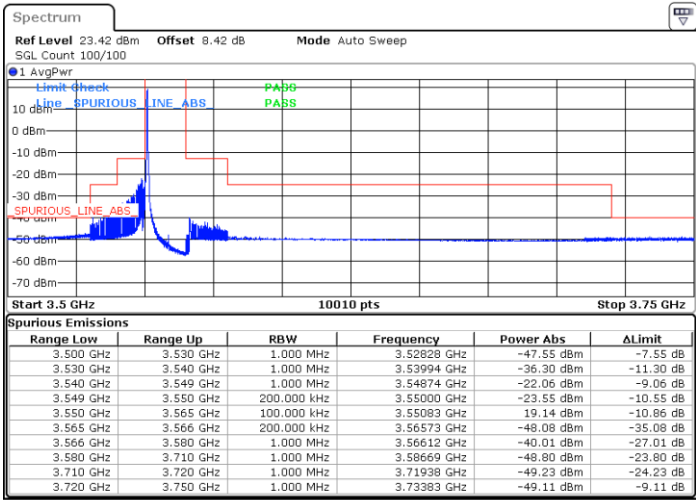


LTE Band 48 / 15MHz

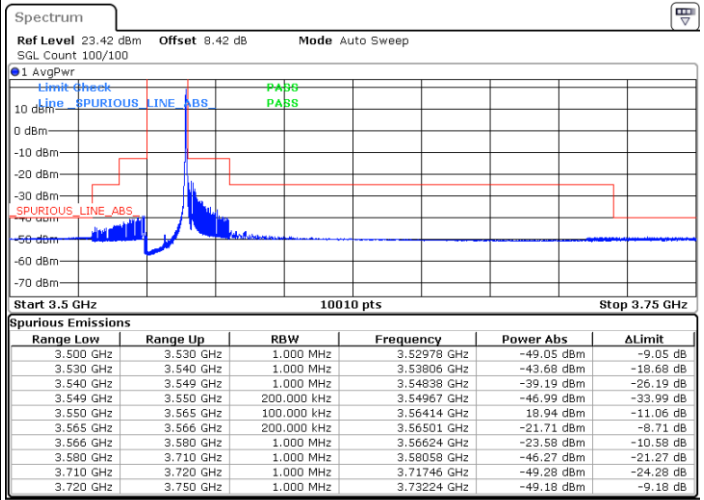
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

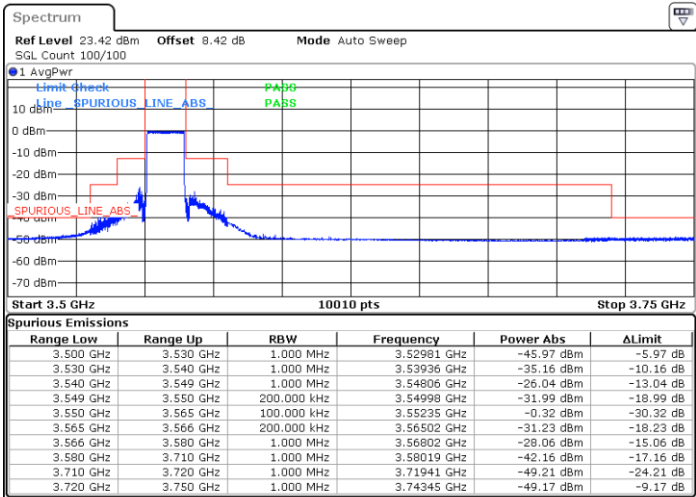


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Lowest Channel / FullIRB



Date: 6 AUG 2022 16:55:34

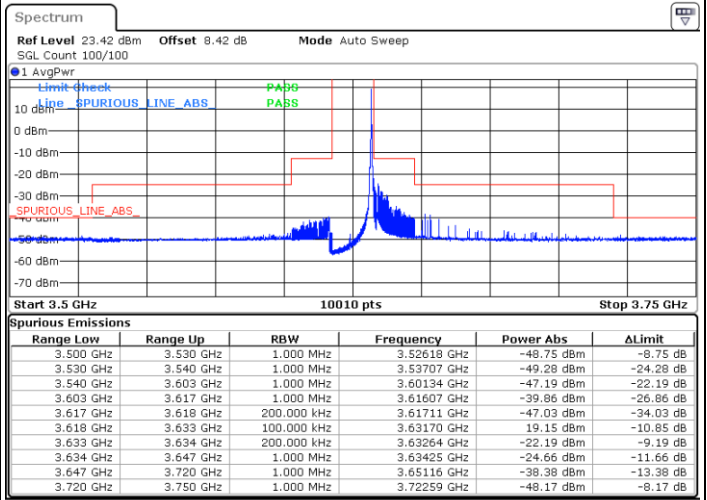
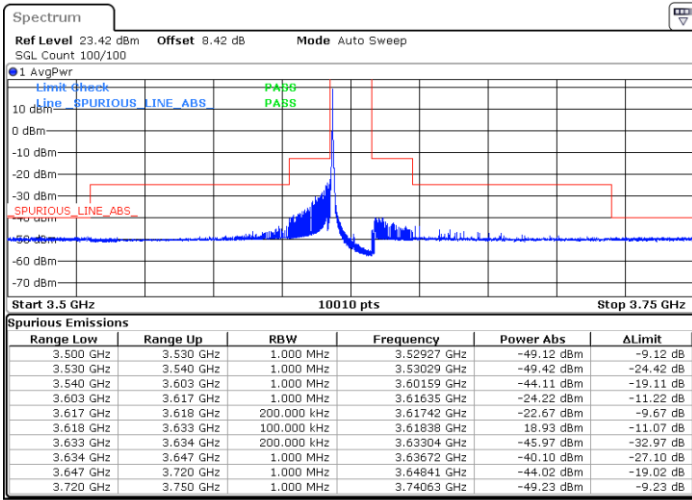


LTE Band 48 / 15MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

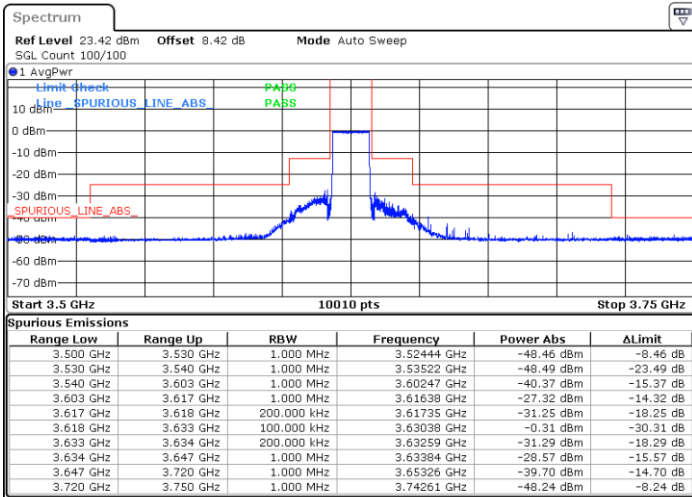


Date: 6 AUG 2022 17:02:18

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Middle Channel / FullIRB

N/A



Date: 6 AUG 2022 17:07:40

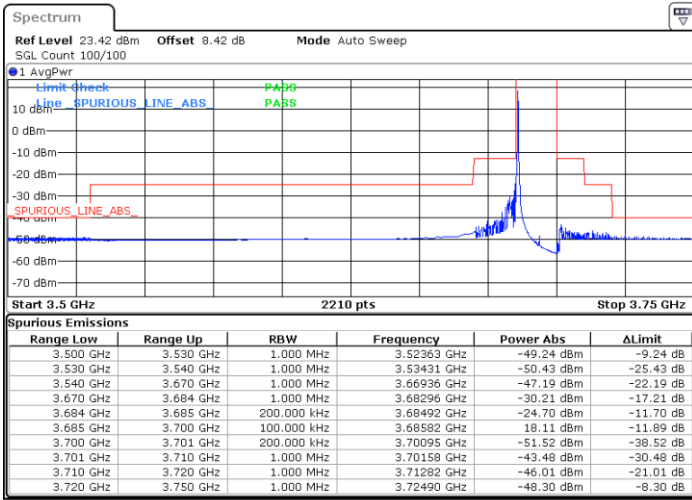


LTE Band 48 / 15MHz

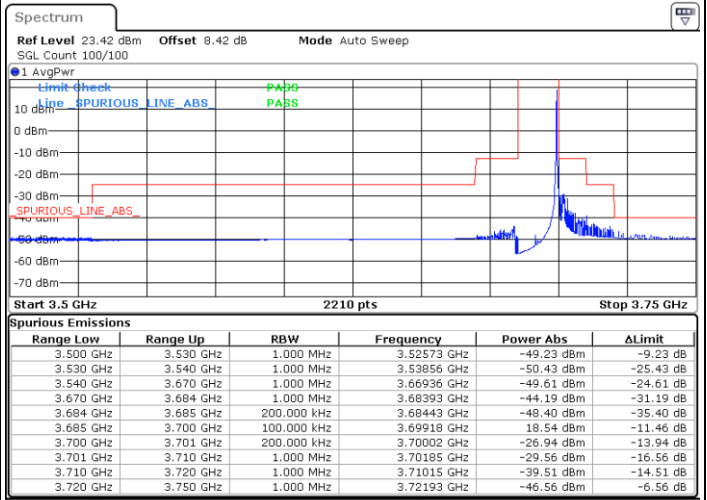
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



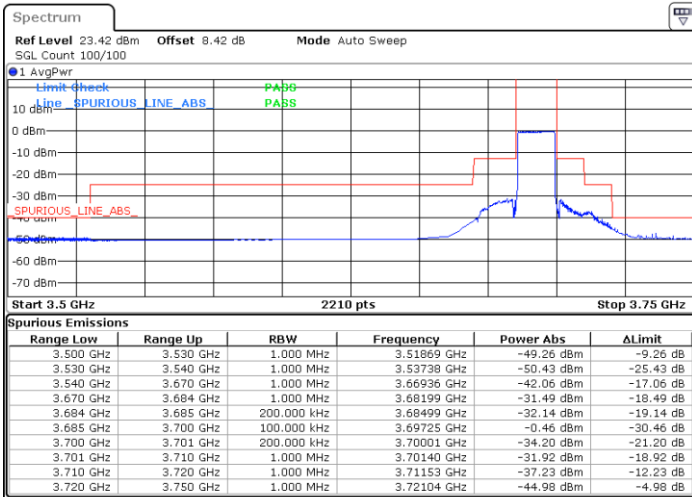
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Highest Channel / FullIRB

N/A



Date: 6 AUG 2022 17:11:42

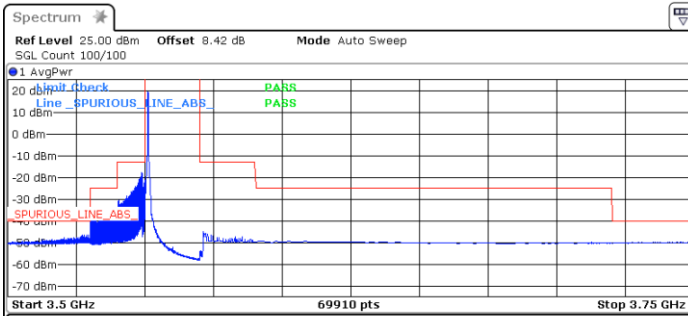


LTE Band 48 / 20MHz

QPSK

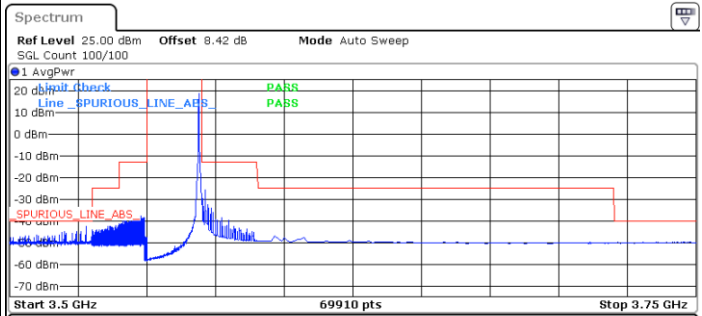
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52073 GHz	-46.49 dBm	-6.49 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53894 GHz	-33.02 dBm	-8.02 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54866 GHz	-17.99 dBm	-4.99 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-21.53 dBm	-8.53 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.22 dBm	-10.78 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57029 GHz	-53.90 dBm	-40.90 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-44.07 dBm	-31.07 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59772 GHz	-49.21 dBm	-24.21 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71272 GHz	-49.98 dBm	-24.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74777 GHz	-49.81 dBm	-9.81 dB

Date: 6 AUG 2022 17:57:43

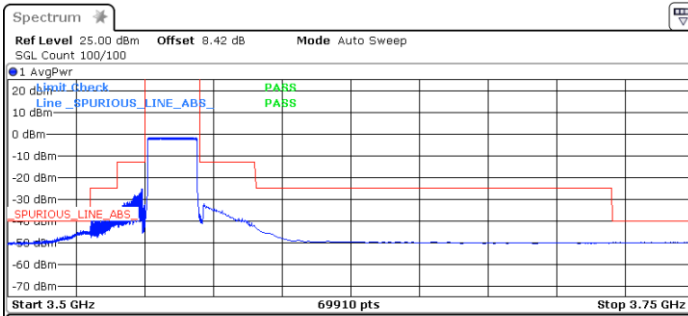


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52795 GHz	-42.51 dBm	-2.51 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53998 GHz	-41.39 dBm	-16.39 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54729 GHz	-37.33 dBm	-24.33 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54948 GHz	-47.37 dBm	-34.37 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	18.78 dBm	-11.22 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-29.47 dBm	-16.47 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-25.86 dBm	-12.86 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59653 GHz	-47.16 dBm	-22.16 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71124 GHz	-49.90 dBm	-24.90 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74540 GHz	-49.85 dBm	-9.85 dB

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Lowest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52759 GHz	-44.58 dBm	-4.58 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53917 GHz	-34.53 dBm	-9.53 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54899 GHz	-25.20 dBm	-12.20 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-32.66 dBm	-19.66 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55511 GHz	-1.62 dBm	-31.62 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-37.05 dBm	-24.05 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57166 GHz	-32.10 dBm	-19.10 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59059 GHz	-43.45 dBm	-18.45 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-50.00 dBm	-25.00 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74896 GHz	-49.90 dBm	-9.90 dB

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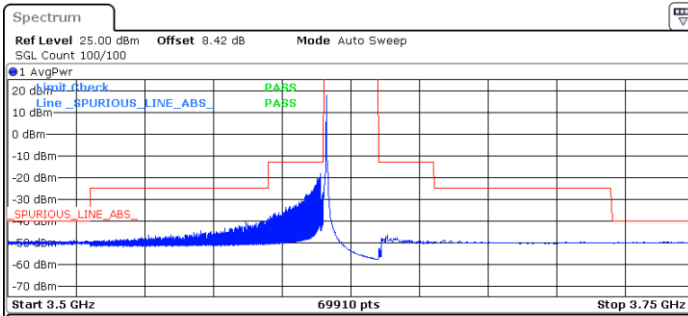


LTE Band 48 / 20MHz

QPSK

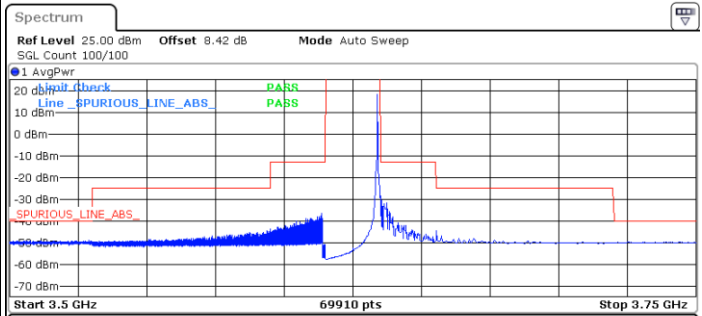
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52417 GHz	-49.07 dBm	-9.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53947 GHz	-48.46 dBm	-23.46 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59487 GHz	-39.01 dBm	-14.01 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61388 GHz	-18.09 dBm	-5.09 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-26.82 dBm	-13.82 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	17.90 dBm	-12.10 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63559 GHz	-52.74 dBm	-39.74 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63835 GHz	-46.43 dBm	-33.43 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65918 GHz	-49.20 dBm	-24.20 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73916 GHz	-49.62 dBm	-9.62 dB

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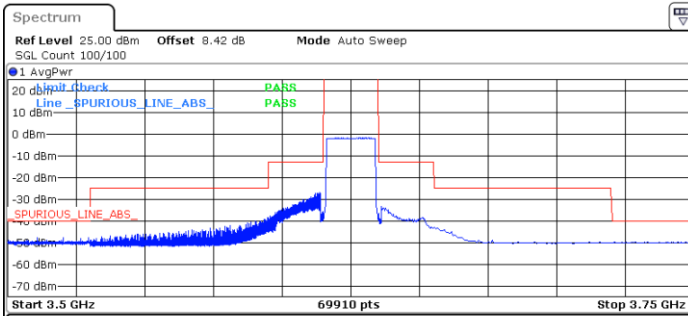


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52885 GHz	-49.15 dBm	-9.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53616 GHz	-49.32 dBm	-24.32 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59372 GHz	-44.74 dBm	-19.74 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61345 GHz	-36.53 dBm	-23.53 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61497 GHz	-51.10 dBm	-38.10 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	18.10 dBm	-11.90 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63507 GHz	-28.54 dBm	-15.54 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63722 GHz	-31.62 dBm	-18.62 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-44.68 dBm	-19.68 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73144 GHz	-49.85 dBm	-9.85 dB

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Middle Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51080 GHz	-47.65 dBm	-7.65 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53725 GHz	-47.09 dBm	-22.09 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59447 GHz	-38.76 dBm	-13.76 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61369 GHz	-26.94 dBm	-13.94 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61492 GHz	-35.60 dBm	-22.60 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62936 GHz	-1.88 dBm	-31.88 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63502 GHz	-36.44 dBm	-23.44 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-33.57 dBm	-20.57 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-43.09 dBm	-18.09 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74421 GHz	-49.81 dBm	-9.81 dB

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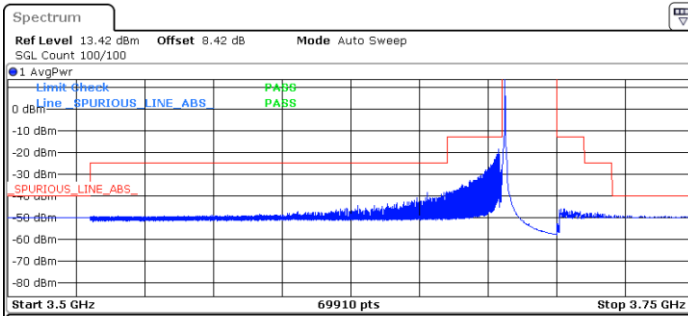


LTE Band 48 / 20MHz

QPSK

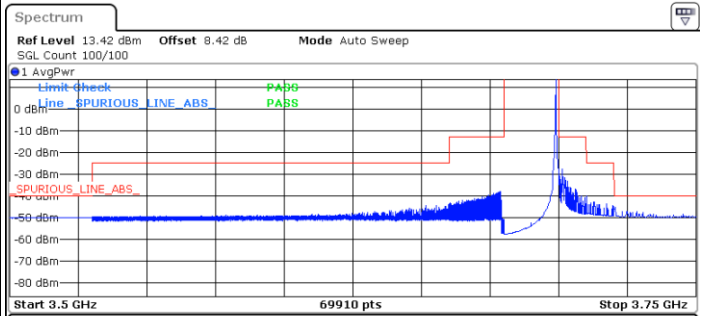
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50130 GHz	-50.07 dBm	-10.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53144 GHz	-49.52 dBm	-24.52 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65981 GHz	-38.15 dBm	-13.15 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67883 GHz	-18.71 dBm	-5.71 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67998 GHz	-25.67 dBm	-12.67 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68109 GHz	17.78 dBm	-12.22 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70042 GHz	-52.79 dBm	-39.79 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70149 GHz	-46.18 dBm	-33.18 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71500 GHz	-47.77 dBm	-22.77 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-48.83 dBm	-8.83 dB

Date: 6 AUG 2022 17:47:22

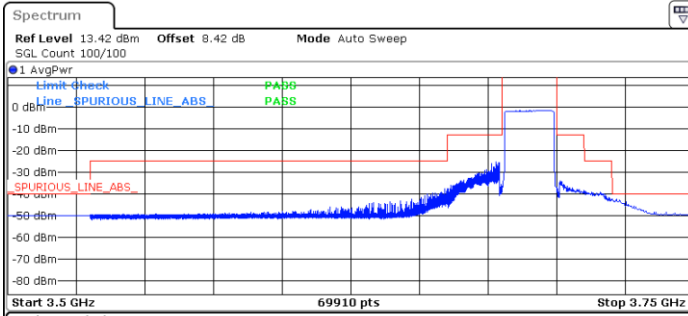


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51923 GHz	-49.98 dBm	-9.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53860 GHz	-49.60 dBm	-24.60 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65975 GHz	-44.25 dBm	-19.25 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67894 GHz	-38.12 dBm	-25.12 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67939 GHz	-50.77 dBm	-37.77 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69891 GHz	18.16 dBm	-11.84 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70005 GHz	-27.69 dBm	-14.69 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-27.89 dBm	-14.89 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-39.99 dBm	-14.99 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-45.33 dBm	-5.33 dB

Date: 6 AUG 2022 17:51:26

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51695 GHz	-50.13 dBm	-10.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53434 GHz	-49.59 dBm	-24.59 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65932 GHz	-37.97 dBm	-12.97 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67781 GHz	-25.36 dBm	-12.36 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67989 GHz	-35.80 dBm	-22.80 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69376 GHz	-1.75 dBm	-31.75 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-37.02 dBm	-24.02 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-34.27 dBm	-21.27 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71054 GHz	-38.81 dBm	-13.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-42.71 dBm	-2.71 dB

Date: 6 AUG 2022 17:43:19

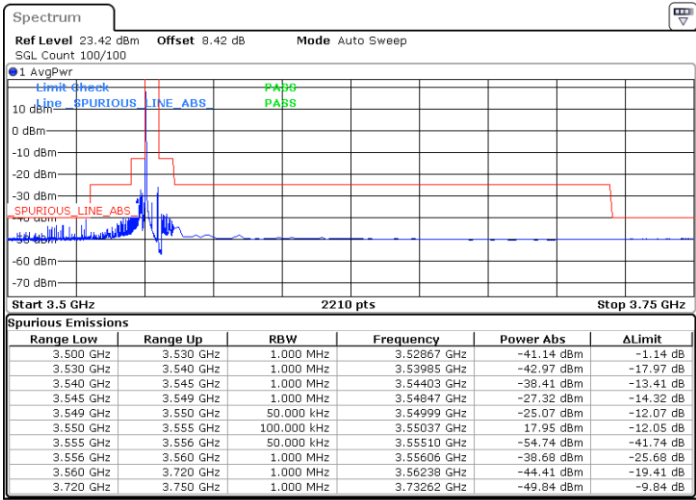


LTE Band 48 / 5MHz

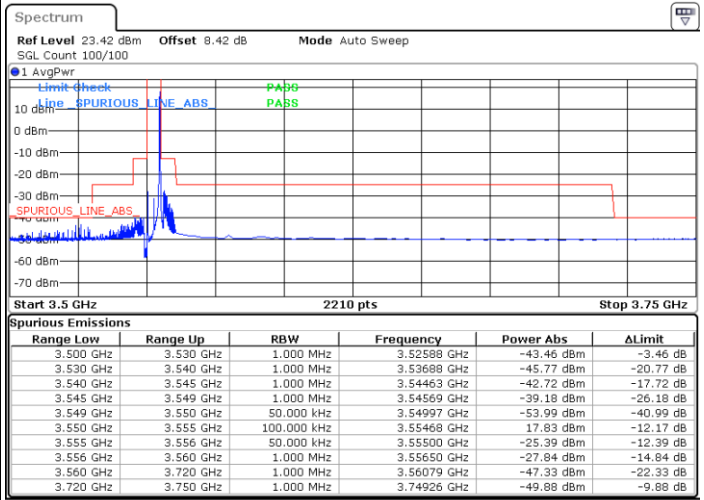
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



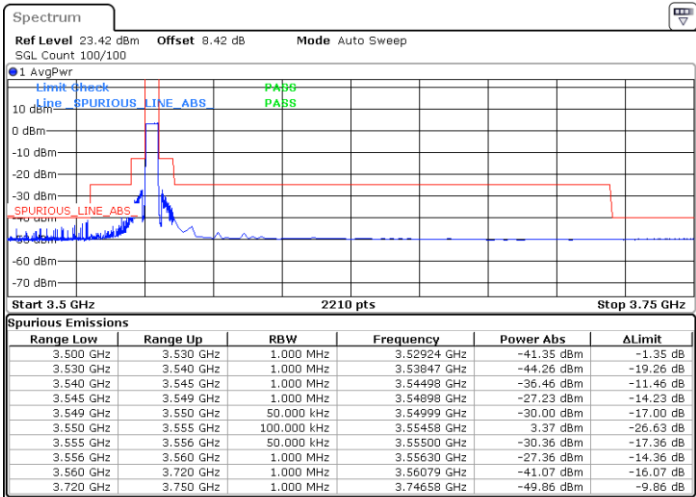
Date: 6 AUG 2022 18:18:42



Date: 6 AUG 2022 14:14:54

Lowest Channel / FullIRB

N/A



Date: 6 AUG 2022 18:16:48

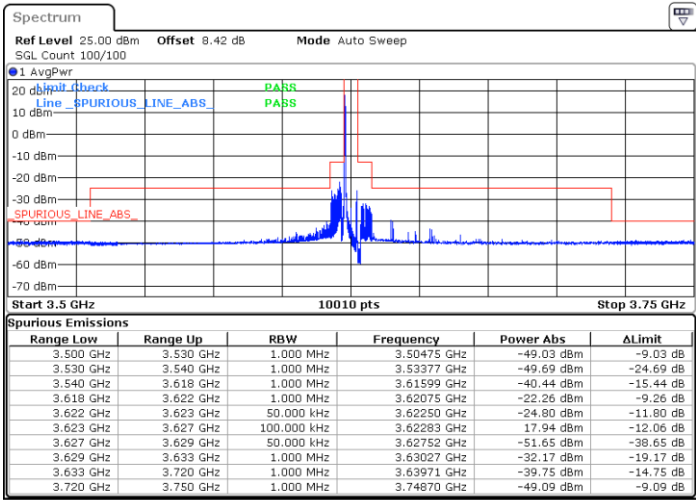


LTE Band 48 / 5MHz

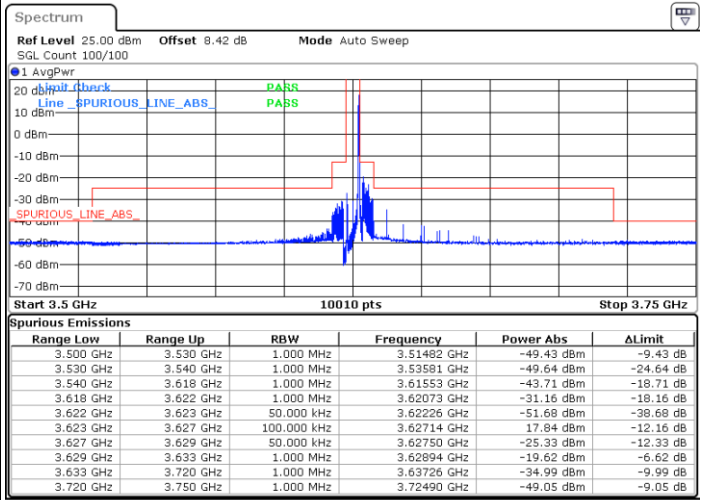
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



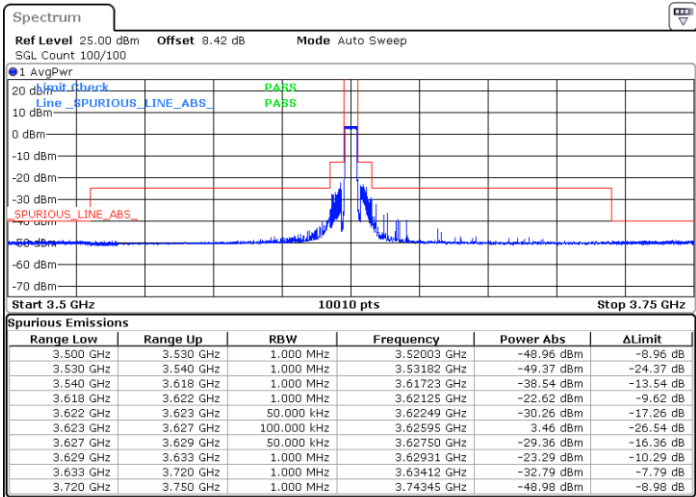
Date: 6 AUG 2022 14:18:57



Date: 6 AUG 2022 14:21:38

Middle Channel / FullIRB

N/A



Date: 6 AUG 2022 14:24:19

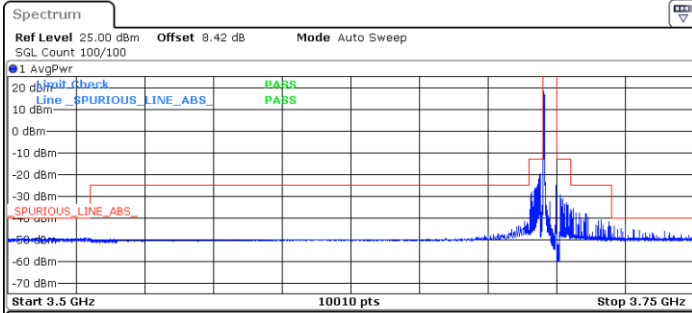


LTE Band 48 / 5MHz

16QAM

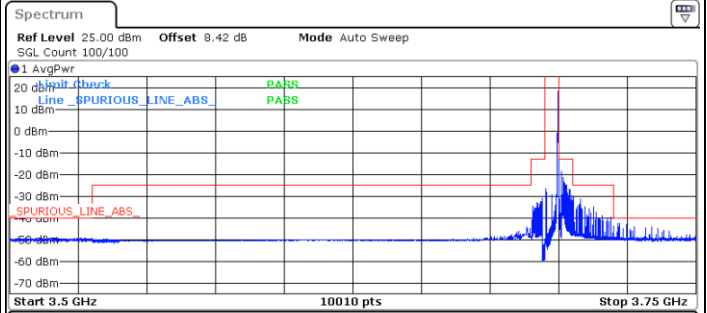
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50538 GHz	-49.25 dBm	-9.25 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53725 GHz	-49.94 dBm	-24.94 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68828 GHz	-41.76 dBm	-16.76 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69382 GHz	-19.79 dBm	-6.79 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69499 GHz	-24.09 dBm	-11.09 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69536 GHz	18.31 dBm	-11.69 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70033 GHz	-52.16 dBm	-39.16 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70128 GHz	-29.29 dBm	-16.29 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70604 GHz	-35.79 dBm	-10.79 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72493 GHz	-43.40 dBm	-3.40 dB

Date: 6 AUG 2022 14:28:21

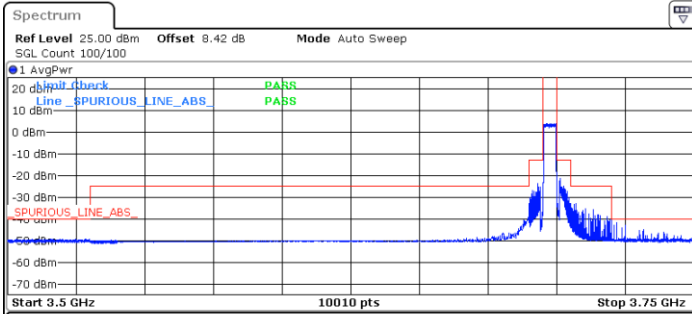


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51713 GHz	-49.18 dBm	-9.18 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53432 GHz	-49.71 dBm	-24.71 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68813 GHz	-44.32 dBm	-19.32 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69392 GHz	-30.84 dBm	-17.84 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69448 GHz	-52.16 dBm	-39.16 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69965 GHz	18.19 dBm	-11.81 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-24.41 dBm	-11.41 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70109 GHz	-18.41 dBm	-5.41 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70541 GHz	-30.51 dBm	-5.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72211 GHz	-42.43 dBm	-2.43 dB

Date: 6 AUG 2022 14:33:46

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51137 GHz	-49.33 dBm	-9.33 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53932 GHz	-49.96 dBm	-24.96 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68978 GHz	-38.35 dBm	-13.35 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69317 GHz	-23.70 dBm	-10.70 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-29.15 dBm	-15.15 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69665 GHz	3.81 dBm	-26.19 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-28.62 dBm	-15.62 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70112 GHz	-21.30 dBm	-8.30 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70681 GHz	-32.95 dBm	-7.95 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72196 GHz	-41.84 dBm	-1.84 dB

Date: 6 AUG 2022 14:31:03

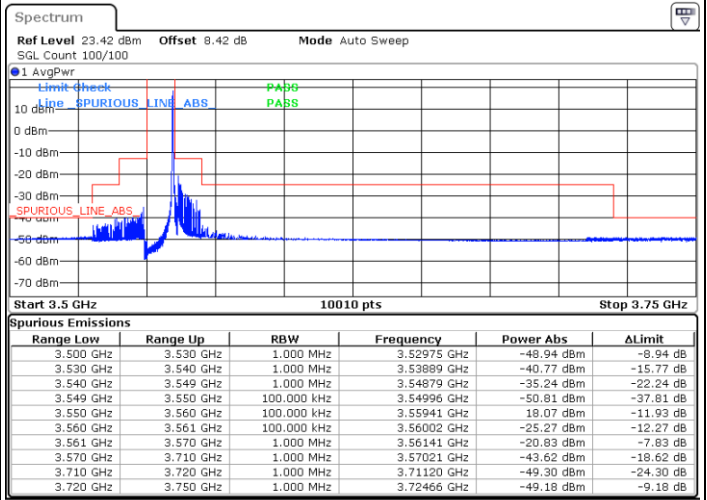
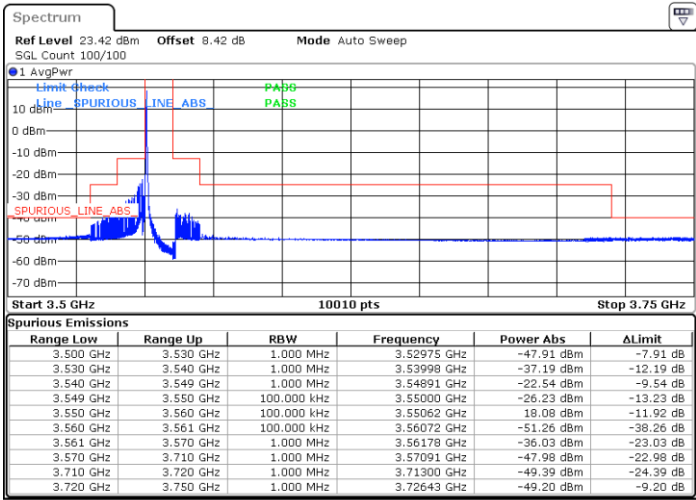


LTE Band 48 / 10MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

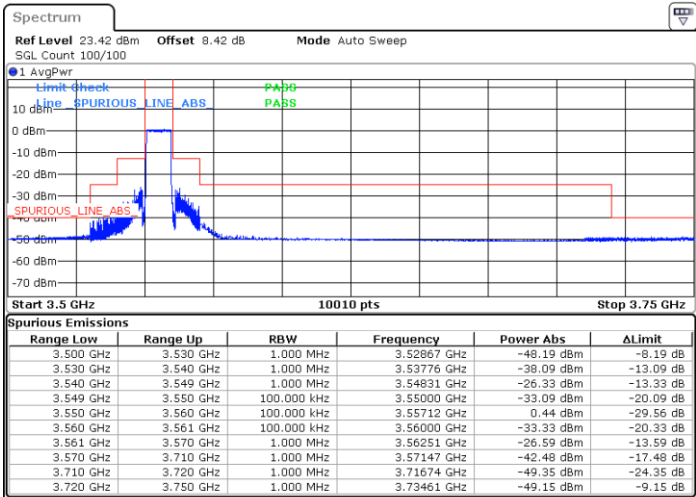


Date: 6 AUG 2022 14:35:07

Date: 6 AUG 2022 14:37:50

Lowest Channel / FullIRB

N/A



Date: 6 AUG 2022 14:40:32

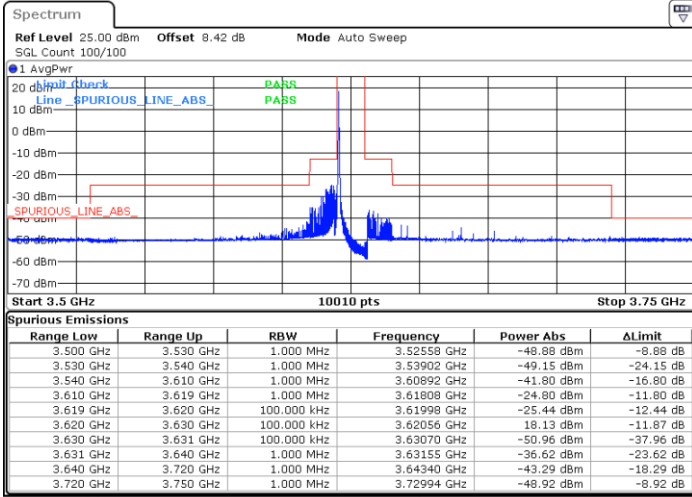


LTE Band 48 / 10MHz

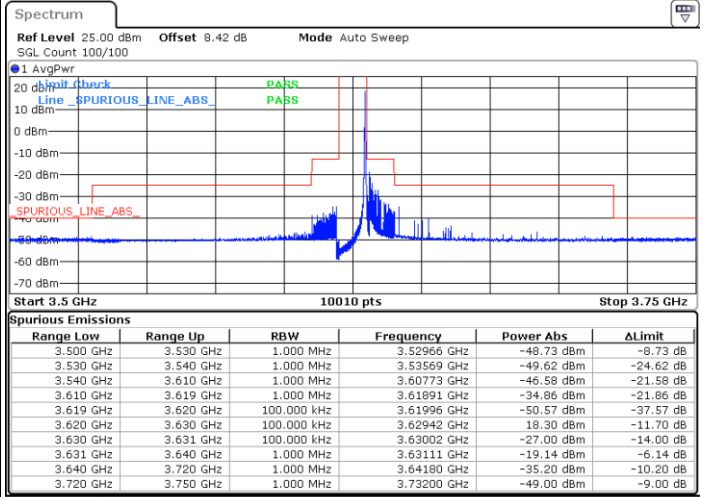
16QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



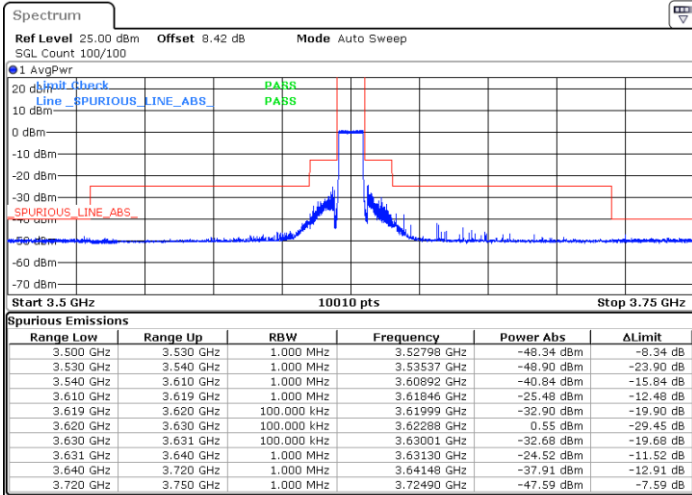
Date: 6 AUG 2022 14:44:34



Date: 6 AUG 2022 14:47:15

Middle Channel / FullIRB

N/A



Date: 6 AUG 2022 14:49:56

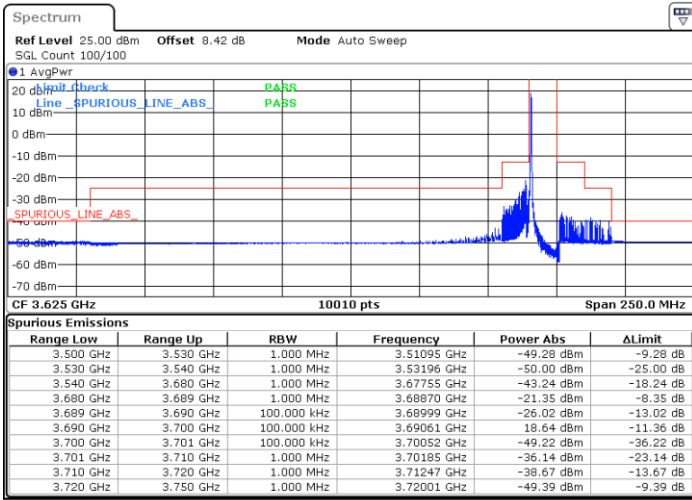


LTE Band 48 / 10MHz

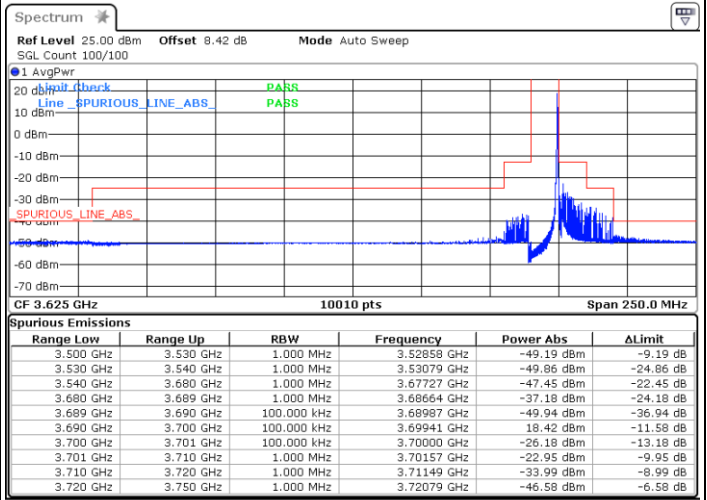
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



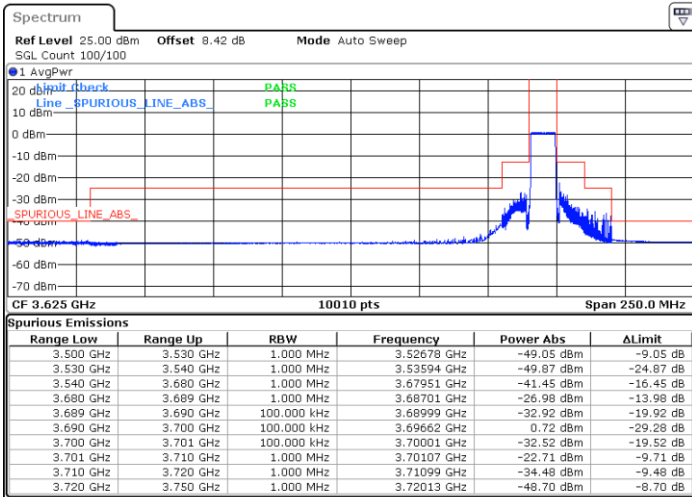
Date: 6 AUG 2022 18:38:40



Date: 6 AUG 2022 16:33:38

Highest Channel / FullIRB

N/A



Date: 6 AUG 2022 18:47:44

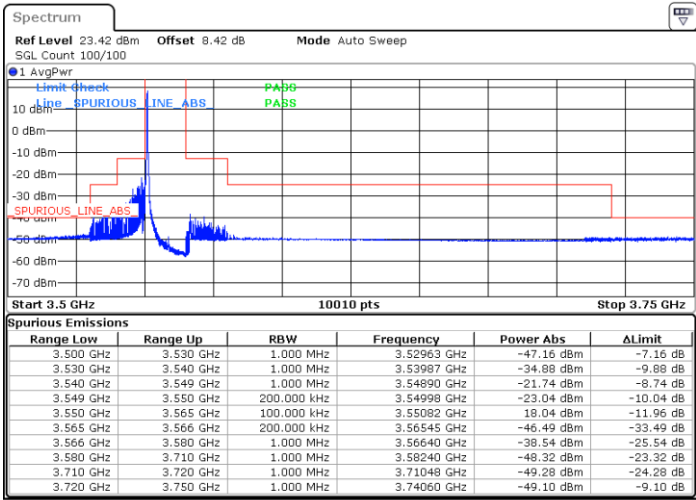


LTE Band 48 / 15MHz

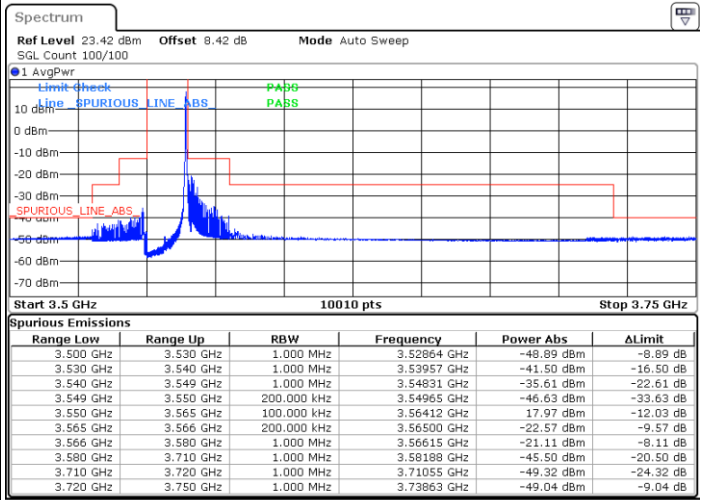
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



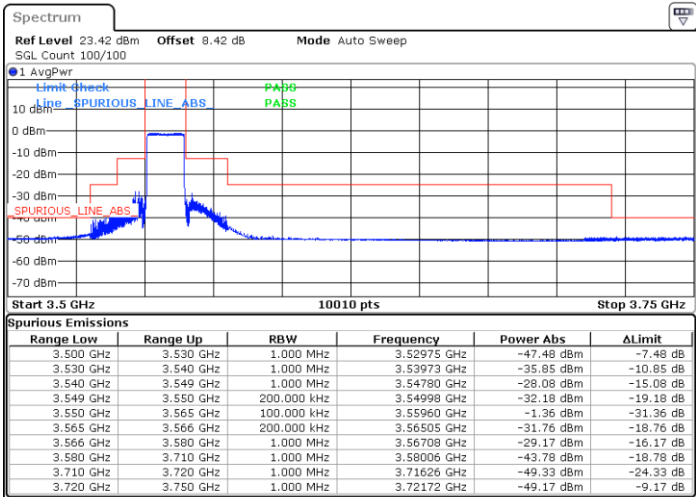
Date: 6 AUG 2022 16:54:13



Date: 6 AUG 2022 16:59:37

Lowest Channel / FullIRB

N/A



Date: 6 AUG 2022 16:56:55

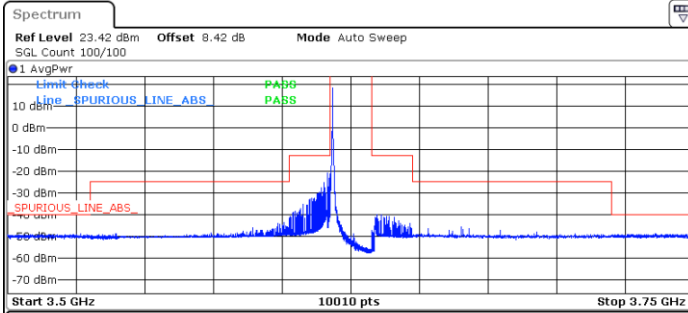


LTE Band 48 / 15MHz

16QAM

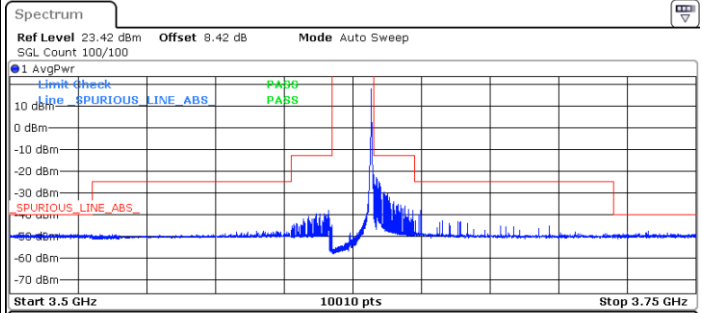
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52672 GHz	-49.08 dBm	-9.08 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53967 GHz	-49.00 dBm	-24.00 dB
3.540 GHz	3.603 GHz	1.000 MHz	3.60072 GHz	-43.87 dBm	-18.87 dB
3.603 GHz	3.617 GHz	1.000 MHz	3.61642 GHz	-21.17 dBm	-8.17 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61747 GHz	-21.31 dBm	-8.31 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.61833 GHz	18.12 dBm	-11.88 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63269 GHz	-47.53 dBm	-34.53 dB
3.634 GHz	3.647 GHz	1.000 MHz	3.63621 GHz	-40.16 dBm	-27.16 dB
3.647 GHz	3.720 GHz	1.000 MHz	3.66528 GHz	-45.71 dBm	-20.71 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73563 GHz	-48.92 dBm	-8.92 dB

Date: 6 AUG 2022 17:00:58

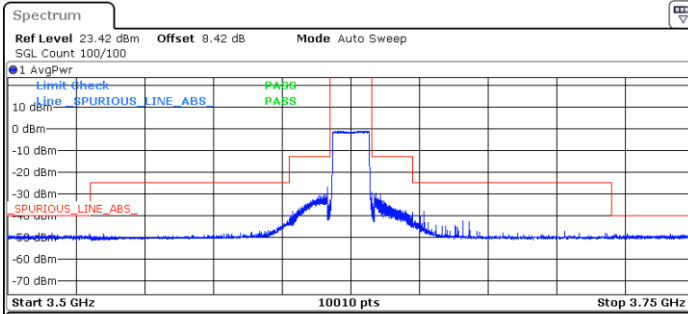


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51815 GHz	-48.84 dBm	-8.84 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53284 GHz	-49.27 dBm	-24.27 dB
3.540 GHz	3.603 GHz	1.000 MHz	3.58998 GHz	-47.78 dBm	-22.78 dB
3.603 GHz	3.617 GHz	1.000 MHz	3.61623 GHz	-38.14 dBm	-25.14 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61733 GHz	-45.03 dBm	-32.03 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.63165 GHz	18.01 dBm	-11.99 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63254 GHz	-21.86 dBm	-8.86 dB
3.634 GHz	3.647 GHz	1.000 MHz	3.63369 GHz	-23.14 dBm	-10.14 dB
3.647 GHz	3.720 GHz	1.000 MHz	3.64971 GHz	-38.07 dBm	-13.07 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73251 GHz	-47.90 dBm	-7.90 dB

Date: 6 AUG 2022 17:03:39

Middle Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51602 GHz	-48.27 dBm	-8.27 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53476 GHz	-48.77 dBm	-23.77 dB
3.540 GHz	3.603 GHz	1.000 MHz	3.60197 GHz	-42.65 dBm	-17.65 dB
3.603 GHz	3.617 GHz	1.000 MHz	3.61640 GHz	-27.08 dBm	-14.08 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61746 GHz	-33.10 dBm	-20.10 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.62986 GHz	-1.34 dBm	-31.34 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63251 GHz	-29.36 dBm	-16.36 dB
3.634 GHz	3.647 GHz	1.000 MHz	3.63432 GHz	-29.81 dBm	-16.81 dB
3.647 GHz	3.720 GHz	1.000 MHz	3.65174 GHz	-38.16 dBm	-13.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72568 GHz	-48.76 dBm	-8.76 dB

Date: 6 AUG 2022 17:06:20

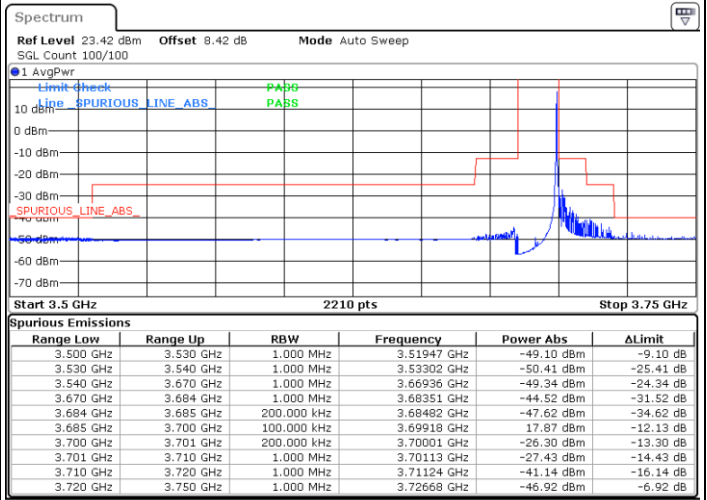
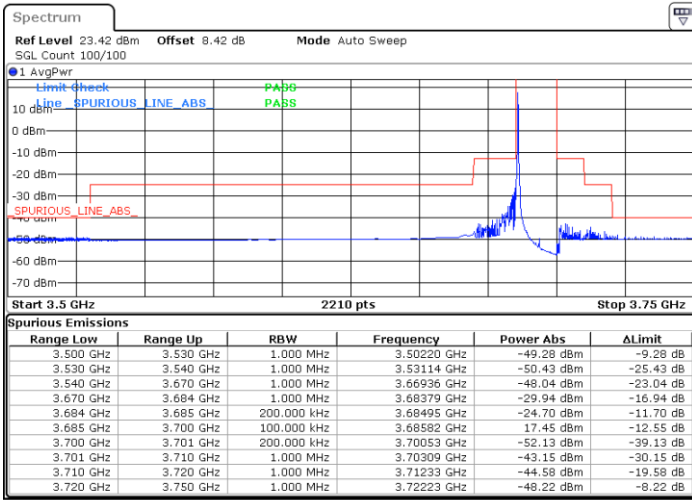


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

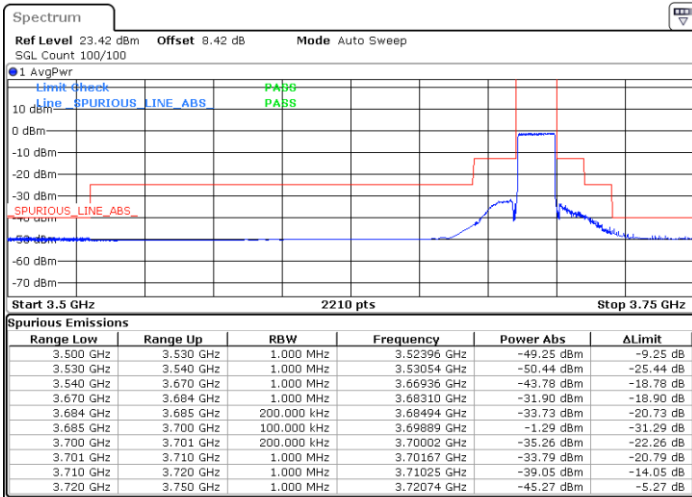


Date: 6 AUG 2022 17:10:21

Date: 6 AUG 2022 17:15:45

Highest Channel / FullIRB

N/A



Date: 6 AUG 2022 17:13:03

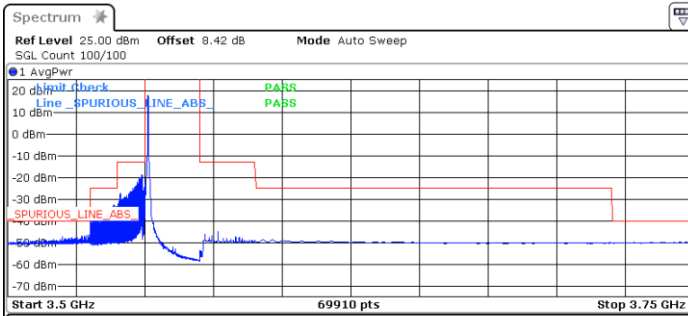


LTE Band 48 / 20MHz

16QAM

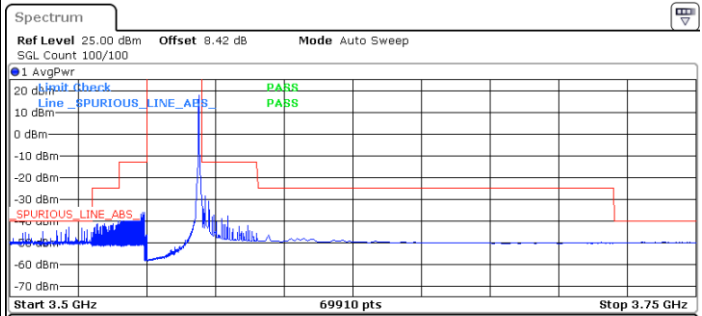
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52918 GHz	-46.51 dBm	-6.51 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53860 GHz	-32.78 dBm	-7.78 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54891 GHz	-18.90 dBm	-5.90 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54993 GHz	-23.32 dBm	-10.32 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	17.89 dBm	-12.11 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-53.97 dBm	-40.97 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57655 GHz	-45.19 dBm	-32.19 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59297 GHz	-48.61 dBm	-23.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71916 GHz	-49.98 dBm	-24.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73856 GHz	-49.76 dBm	-9.76 dB

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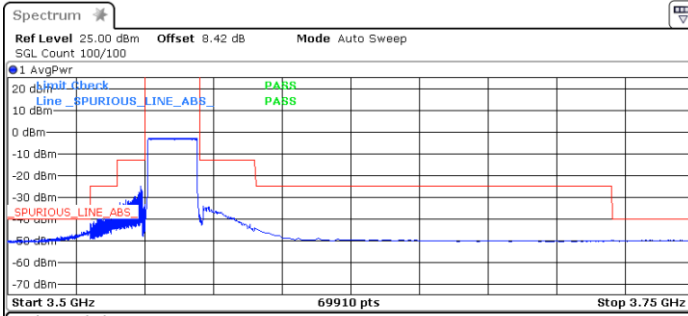


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52165 GHz	-43.16 dBm	-3.16 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53945 GHz	-39.57 dBm	-14.57 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54760 GHz	-35.19 dBm	-23.19 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54983 GHz	-46.51 dBm	-33.51 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56888 GHz	17.78 dBm	-12.22 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-29.32 dBm	-16.32 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-28.57 dBm	-15.57 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59416 GHz	-46.64 dBm	-21.64 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71550 GHz	-49.94 dBm	-24.94 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73084 GHz	-49.90 dBm	-9.90 dB

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Lowest Channel / FullIRB

Lowest Channel / FullIRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52873 GHz	-45.50 dBm	-5.50 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53997 GHz	-36.42 dBm	-11.42 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54854 GHz	-25.15 dBm	-12.15 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55060 GHz	-33.45 dBm	-20.45 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55541 GHz	-2.89 dBm	-32.89 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-38.02 dBm	-25.02 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-34.24 dBm	-21.24 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59059 GHz	-44.74 dBm	-19.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71995 GHz	-49.99 dBm	-24.99 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74243 GHz	-49.90 dBm	-9.90 dB

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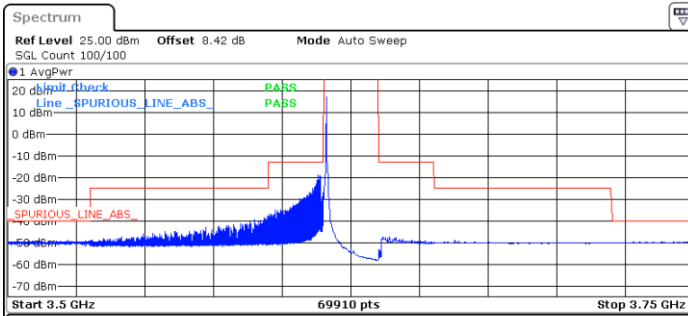


LTE Band 48 / 20MHz

16QAM

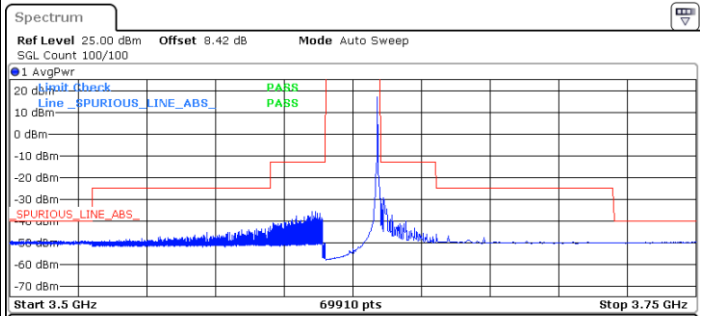
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52168 GHz	-49.11 dBm	-9.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53994 GHz	-48.15 dBm	-23.15 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59458 GHz	-37.75 dBm	-12.75 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61308 GHz	-19.07 dBm	-6.07 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61497 GHz	-26.97 dBm	-13.97 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	17.04 dBm	-12.96 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63525 GHz	-53.24 dBm	-40.24 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63892 GHz	-47.22 dBm	-34.22 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66304 GHz	-48.93 dBm	-23.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74955 GHz	-49.85 dBm	-9.85 dB

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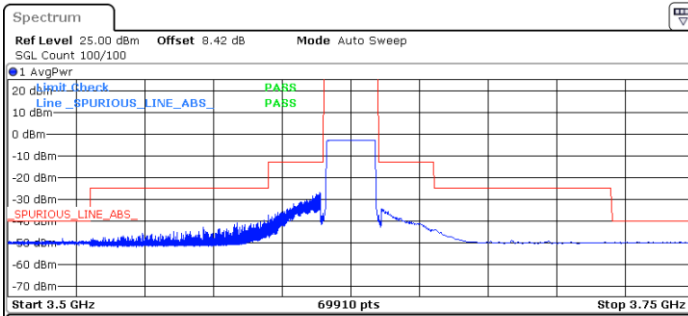


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50673 GHz	-49.11 dBm	-9.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53635 GHz	-48.96 dBm	-23.96 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59416 GHz	-43.37 dBm	-18.37 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61146 GHz	-35.71 dBm	-22.71 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61484 GHz	-50.25 dBm	-37.25 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	17.17 dBm	-12.83 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-29.73 dBm	-16.73 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-29.58 dBm	-16.58 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-46.18 dBm	-21.18 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74955 GHz	-49.85 dBm	-9.85 dB

Date: 6 AUG 2022 17:31:11

Middle Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51983 GHz	-48.32 dBm	-8.32 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53532 GHz	-47.70 dBm	-22.70 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59323 GHz	-39.91 dBm	-14.91 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61373 GHz	-27.08 dBm	-14.08 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-36.43 dBm	-23.43 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62203 GHz	-2.90 dBm	-32.90 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63502 GHz	-37.33 dBm	-24.33 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-34.51 dBm	-21.51 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-44.17 dBm	-19.17 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72906 GHz	-49.77 dBm	-9.77 dB

Date: 6 AUG 2022 17:35:13

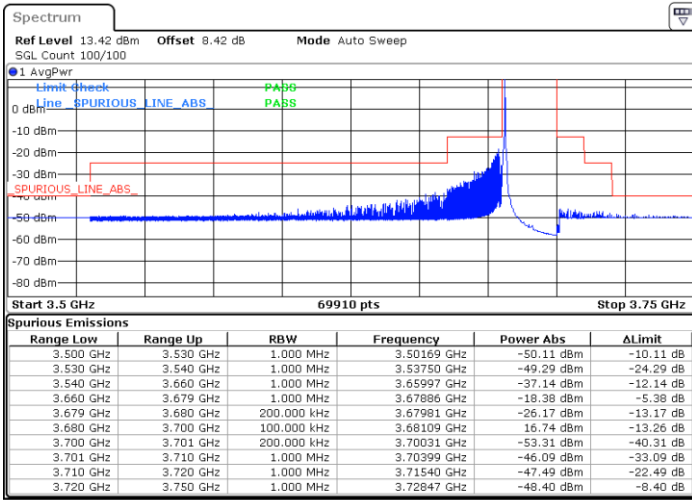


LTE Band 48 / 20MHz

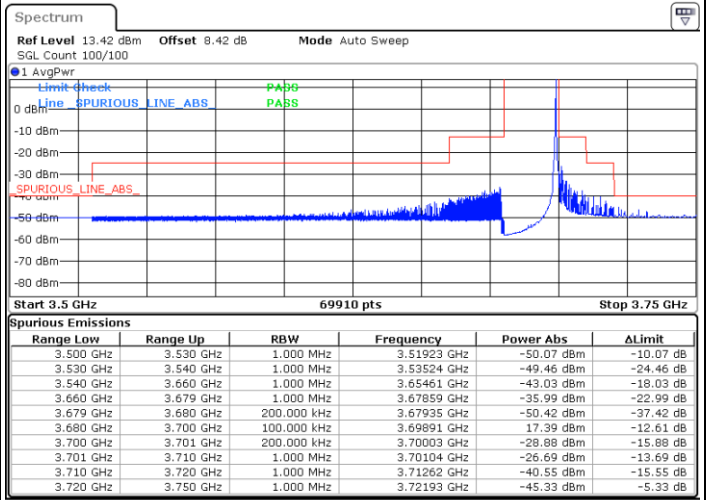
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



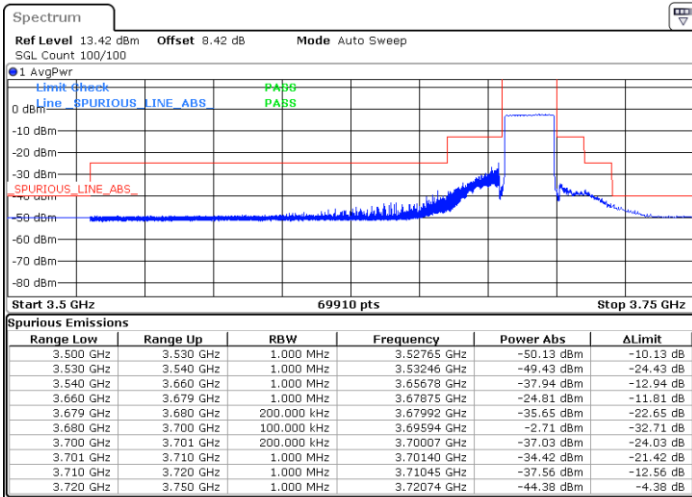
Date: 6 AUG 2022 17:45:21



Date: 6 AUG 2022 17:49:24

Highest Channel / FullIRB

N/A



Date: 6 AUG 2022 17:41:17



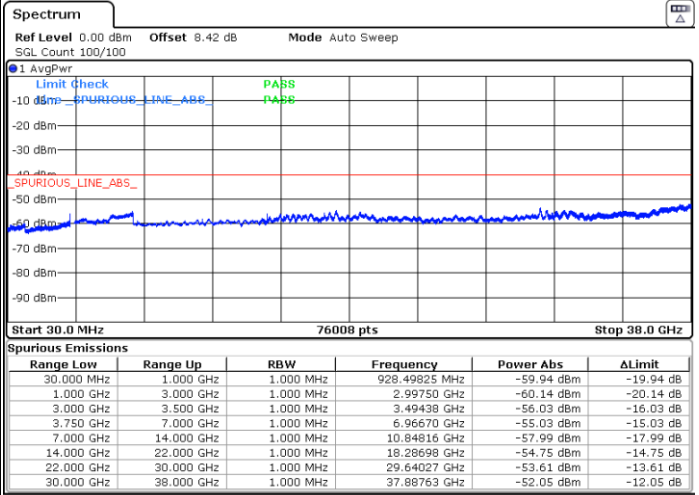
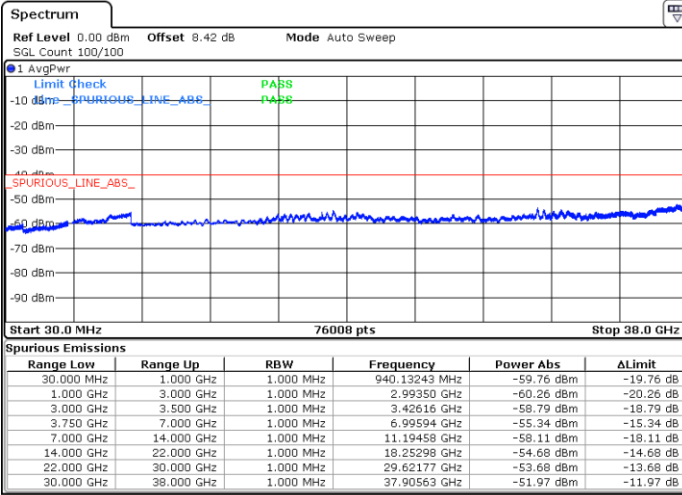
Conducted Spurious Emission

LTE Band 48 / 5MHz

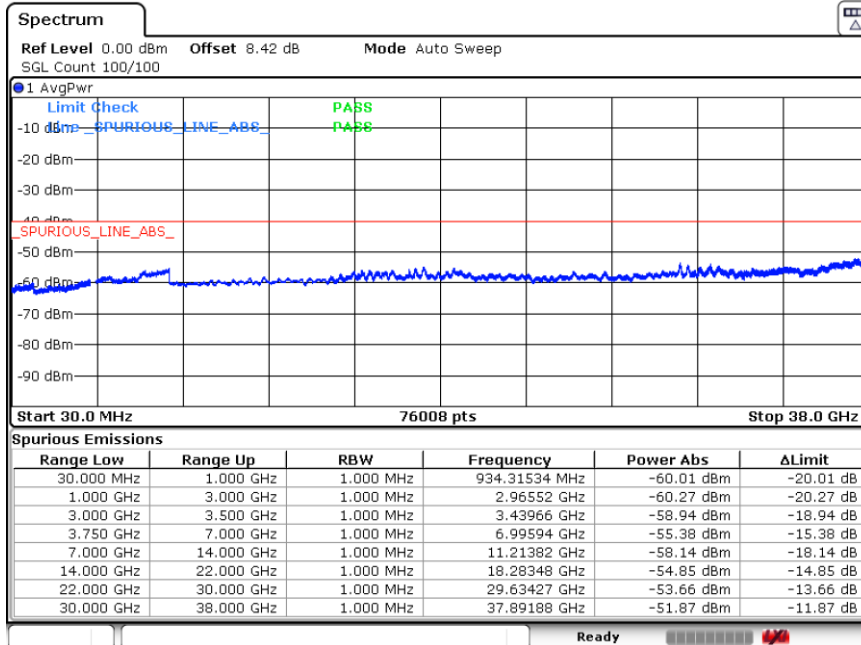
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



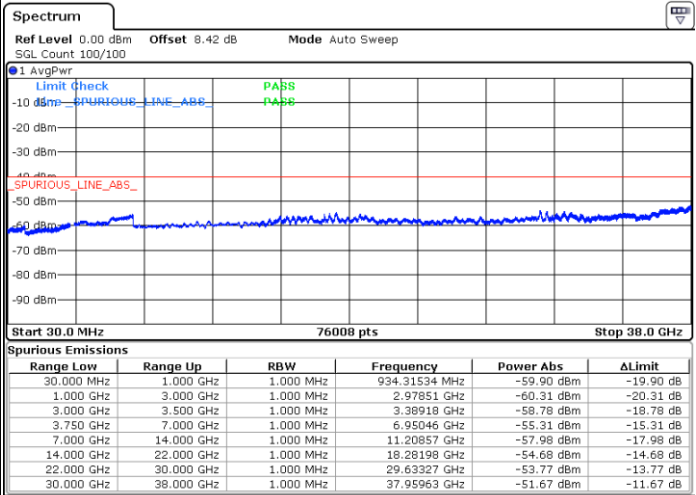
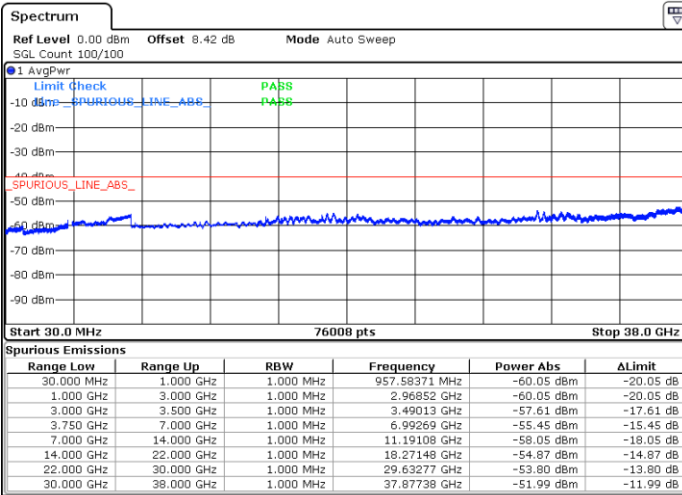


LTE Band 48 / 10MHz

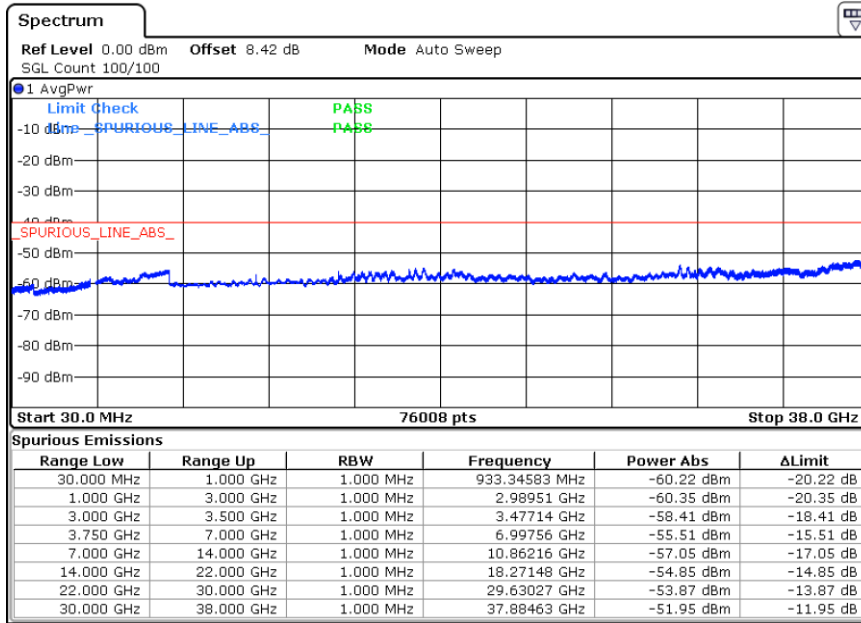
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



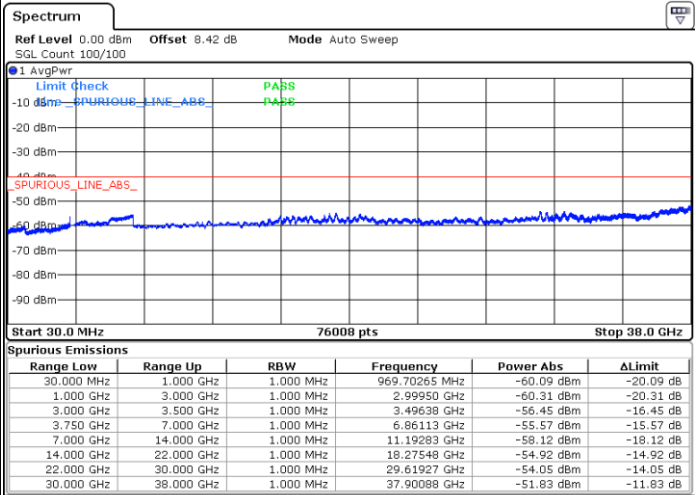
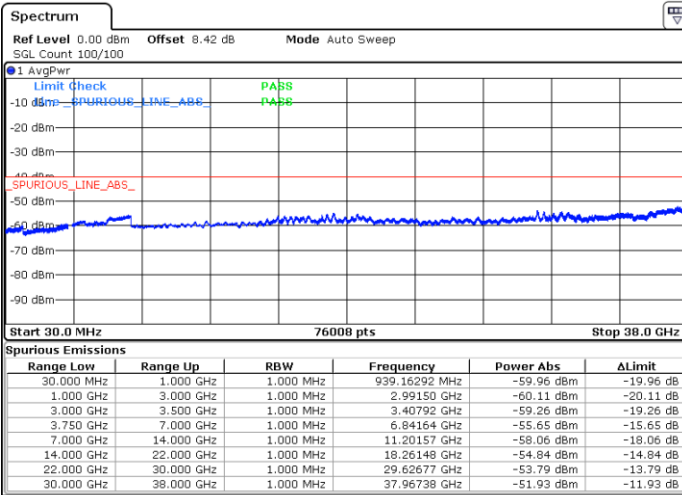


LTE Band 48 / 15MHz

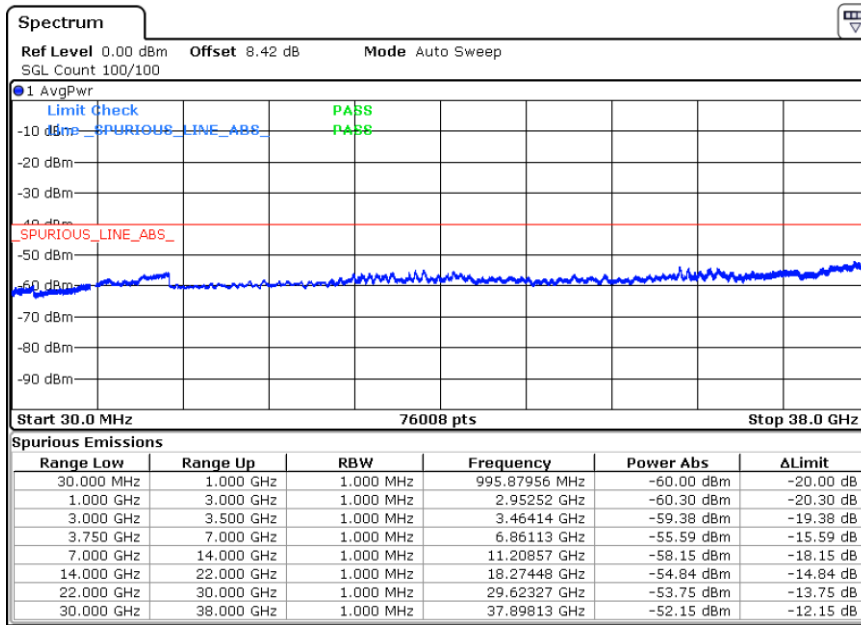
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



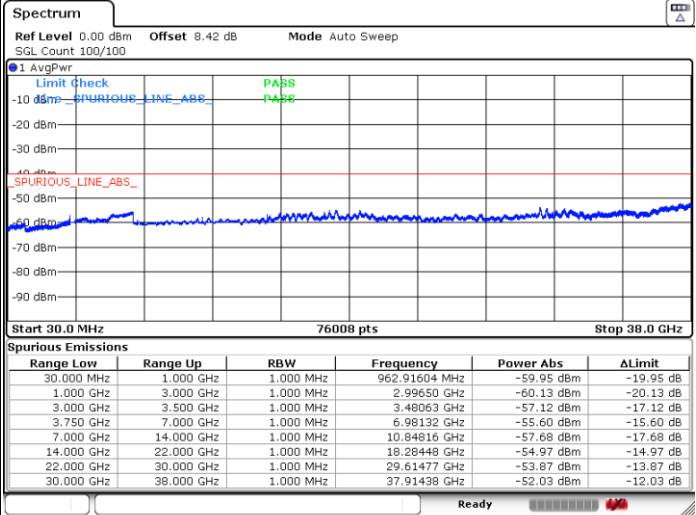
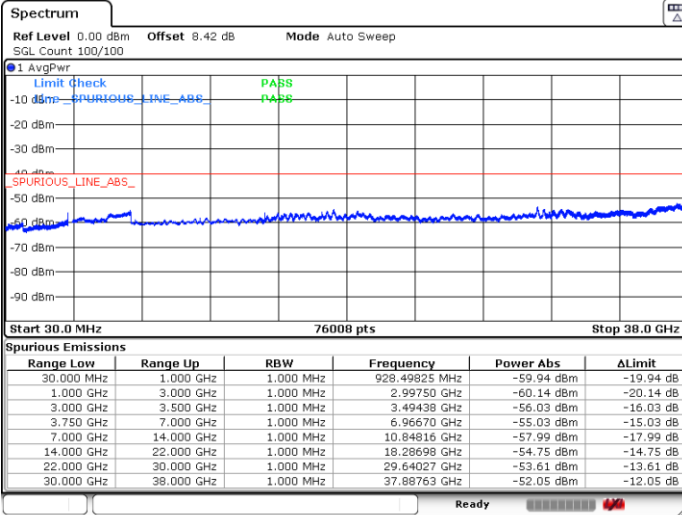


LTE Band 48 / 20MHz

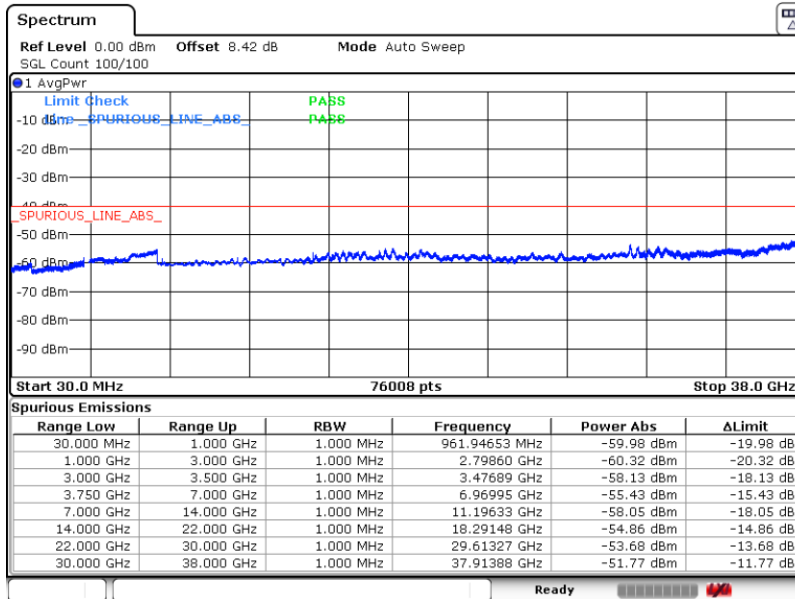
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel





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	0.0032	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

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



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi zhuo	Temperature :	22~23°C
		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	-42.91	-40	-2.91	-54.37	2.84	14.30	H
	10848	-45.34	-40	-5.34	-55.28	3.49	13.43	H
	14466	-53.59	-40	-13.59	-63.83	3.85	14.09	H
	7230	-46.71	-40	-6.71	-58.17	2.84	14.30	V
	10848	-45.86	-40	-5.86	-55.80	3.49	13.43	V
	14466	-54.85	-40	-14.85	-65.09	3.85	14.09	V

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